

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005208.D
 Acq On : 23 Apr 2019 11:24
 Operator : JU/SJ
 Sample : K2455-18DL 2X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHR8DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.198	541	546	550	rVV	782140	1119762	7.40%	0.337%
2	6.269	550	558	561	rVV2	719881	1433478	9.47%	0.431%
3	6.304	561	564	570	rVV	904496	1269994	8.39%	0.382%
4	6.622	614	618	623	rVB	798445	1116110	7.37%	0.336%
5	6.775	637	644	652	rVB4	1661849	3499857	23.12%	1.053%
6	6.946	668	673	678	rVB2	1006115	1520766	10.05%	0.457%
7	7.134	701	705	709	rVV	1258182	2007453	13.26%	0.604%
8	7.240	719	723	730	rBV2	1028416	1585419	10.47%	0.477%
9	7.593	776	783	789	rVB2	3388796	5707817	37.71%	1.717%
10	7.887	826	833	840	rVV3	992724	2480733	16.39%	0.746%
11	8.140	865	876	882	rBV3	1009677	2321700	15.34%	0.698%
12	8.269	894	898	900	rVV	1042448	1681614	11.11%	0.506%
13	8.292	900	902	909	rVB	1530648	2074653	13.70%	0.624%
14	8.369	909	915	919	rBV	1063862	1857298	12.27%	0.559%
15	8.698	961	971	974	rBV5	1476597	3739104	24.70%	1.125%
16	8.740	974	978	983	rVV	1218407	2458745	16.24%	0.740%
17	8.945	1009	1013	1019	rVB4	1104709	2245844	14.84%	0.676%
18	9.028	1019	1027	1029	rBV5	535344	1234808	8.16%	0.371%
19	9.081	1029	1036	1042	rVB5	867394	1992606	13.16%	0.599%
20	9.239	1059	1063	1067	rVV	1399378	2323423	15.35%	0.699%
21	9.298	1070	1073	1080	rVB2	1153632	1680685	11.10%	0.506%
22	9.451	1094	1099	1105	rBV3	903351	2031751	13.42%	0.611%
23	9.516	1105	1110	1114	rVV3	1873430	3781394	24.98%	1.138%
24	9.557	1114	1117	1125	rVV5	1272939	2693166	17.79%	0.810%
25	9.651	1125	1133	1140	rVV3	2006203	4413730	29.16%	1.328%
26	9.739	1143	1148	1151	rVV	1559471	2464364	16.28%	0.741%
27	9.775	1151	1154	1158	rVV2	1578704	2634909	17.41%	0.793%
28	9.822	1158	1162	1170	rVB2	1503000	3173911	20.97%	0.955%
29	9.922	1175	1179	1183	rBV2	1622059	2457769	16.24%	0.739%
30	9.981	1183	1189	1198	rVB5	1998130	4712235	31.13%	1.418%
31	10.081	1199	1206	1209	rBV2	794202	1511540	9.99%	0.455%
32	10.245	1229	1234	1237	rBV2	1131209	1889305	12.48%	0.568%
33	10.281	1237	1240	1244	rVV4	1066105	1512047	9.99%	0.455%
34	10.357	1244	1253	1260	rVV2	3459296	8571379	56.62%	2.579%

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

35	10.416	1260	1263	1266	rBV4	885267	1201232	7.94%	0.361%
36	10.492	1272	1276	1281	rVB4	2137543	3747428	24.76%	1.127%
37	10.551	1281	1286	1291	rBV	7527572	10953328	72.36%	3.295%
38	10.610	1291	1296	1301	rVB7	732876	1638329	10.82%	0.493%
39	10.669	1302	1306	1312	rVB4	1153624	2160116	14.27%	0.650%
40	10.869	1335	1340	1348	rVB3	1125205	1940917	12.82%	0.584%
41	11.051	1364	1371	1372	rVV3	1297596	2505146	16.55%	0.754%
42	11.081	1372	1376	1380	rVV2	3506770	5743256	37.94%	1.728%
43	11.116	1380	1382	1384	rVV	1333027	1623692	10.73%	0.488%
44	11.145	1385	1387	1393	rVV	1461117	2143234	14.16%	0.645%
45	11.222	1394	1400	1405	rVV3	2131974	3761774	24.85%	1.132%
46	11.281	1406	1410	1411	rVV2	853557	1256229	8.30%	0.378%
47	11.304	1411	1414	1419	rVB3	1364005	2275045	15.03%	0.684%
48	11.416	1426	1433	1440	rBV	7450271	13571194	89.65%	4.083%
49	11.663	1471	1475	1480	rBV3	1112562	1607123	10.62%	0.483%
50	11.745	1485	1489	1493	rVB4	937758	1566018	10.34%	0.471%
51	11.792	1493	1497	1500	rBV	1064804	1685744	11.14%	0.507%
52	11.951	1521	1524	1528	rVB2	1254254	1694452	11.19%	0.510%
53	12.039	1528	1539	1547	rVB3	6431700	15138060	100.00%	4.554%
54	12.110	1547	1551	1554	rBV3	651249	1115398	7.37%	0.336%
55	12.251	1571	1575	1580	rBV3	2244929	3690207	24.38%	1.110%
56	12.428	1600	1605	1607	rBV4	715323	1241305	8.20%	0.373%
57	12.463	1607	1611	1614	rVV2	1546687	2379171	15.72%	0.716%
58	12.510	1614	1619	1625	rVB2	3453225	6265468	41.39%	1.885%
59	12.569	1626	1629	1638	rVB3	2087425	3574541	23.61%	1.075%
60	12.657	1639	1644	1652	rBV7	845847	1795872	11.86%	0.540%
61	12.733	1653	1657	1661	rBV4	1527994	2632515	17.39%	0.792%
62	12.792	1662	1667	1671	rVB	6572220	9249419	61.10%	2.783%
63	13.051	1707	1711	1716	rBV2	1690583	2542719	16.80%	0.765%
64	13.098	1716	1719	1724	rVV	2327690	3652256	24.13%	1.099%
65	13.169	1727	1731	1736	rVB2	1455227	2097484	13.86%	0.631%
66	13.257	1741	1746	1750	rVB2	1208927	2154075	14.23%	0.648%
67	13.392	1764	1769	1771	rBV	2524137	4099227	27.08%	1.233%
68	13.551	1792	1796	1801	rVV	2810209	4890608	32.31%	1.471%
69	13.610	1801	1806	1810	rVV2	3206489	5405370	35.71%	1.626%
70	13.651	1810	1813	1818	rVB2	2980640	4119021	27.21%	1.239%
71	13.745	1819	1829	1833	rVV3	5912284	11174112	73.81%	3.362%

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72	13.792	1833	1837	1841	rVB2	1167758	1811723	11.97%	0.545%
73	13.922	1854	1859	1862	rVV	2743314	4104270	27.11%	1.235%
74	13.957	1862	1865	1870	rVB	1464817	1781971	11.77%	0.536%
75	14.104	1887	1890	1894	rVB	832789	1078537	7.12%	0.324%
76	14.175	1895	1902	1905	rBV3	685754	1349093	8.91%	0.406%
77	14.233	1905	1912	1917	rBV4	4440276	7781800	51.41%	2.341%
78	14.445	1942	1948	1956	rBV2	1338055	3679876	24.31%	1.107%
79	14.633	1972	1980	1984	rBV4	1227587	3114484	20.57%	0.937%
80	14.675	1984	1987	1990	rVV	1076397	1645264	10.87%	0.495%
81	14.716	1991	1994	1999	rVB2	1392660	2013389	13.30%	0.606%
82	14.786	2003	2006	2012	rVB2	2281002	3119371	20.61%	0.938%
83	14.863	2015	2019	2023	rBV	761499	1138013	7.52%	0.342%
84	14.916	2024	2028	2032	rVB	1181417	1680574	11.10%	0.506%
85	15.027	2042	2047	2051	rBV2	1154111	1910882	12.62%	0.575%
86	15.227	2076	2081	2088	rVB2	2677439	4782954	31.60%	1.439%
87	15.339	2096	2100	2107	rVB4	883400	1674356	11.06%	0.504%
88	15.533	2125	2133	2138	rBV	4682555	7906850	52.23%	2.379%
89	15.733	2163	2167	2175	rVB3	1148758	1873273	12.37%	0.564%
90	16.016	2210	2215	2227	rVB	6391364	9489696	62.69%	2.855%
91	16.333	2266	2269	2276	rBV4	438567	1119741	7.40%	0.337%
92	16.392	2276	2279	2285	rVB2	866819	1163493	7.69%	0.350%
93	16.833	2350	2354	2366	rVB	3247156	5462186	36.08%	1.643%
94	16.986	2375	2380	2384	rBV2	3772862	5204449	34.38%	1.566%
95	17.086	2392	2397	2407	rVB	2798440	4246720	28.05%	1.278%
96	17.445	2454	2458	2463	rVB	866376	1239928	8.19%	0.373%
97	19.398	2785	2790	2797	rVB2	2657774	3698256	24.43%	1.113%
98	21.227	3096	3101	3106	rVB2	3821983	4790387	31.64%	1.441%
99	23.303	3448	3454	3461	rVB2	1923414	3317633	21.92%	0.998%
100	23.445	3473	3478	3488	rVB	2574931	4742465	31.33%	1.427%

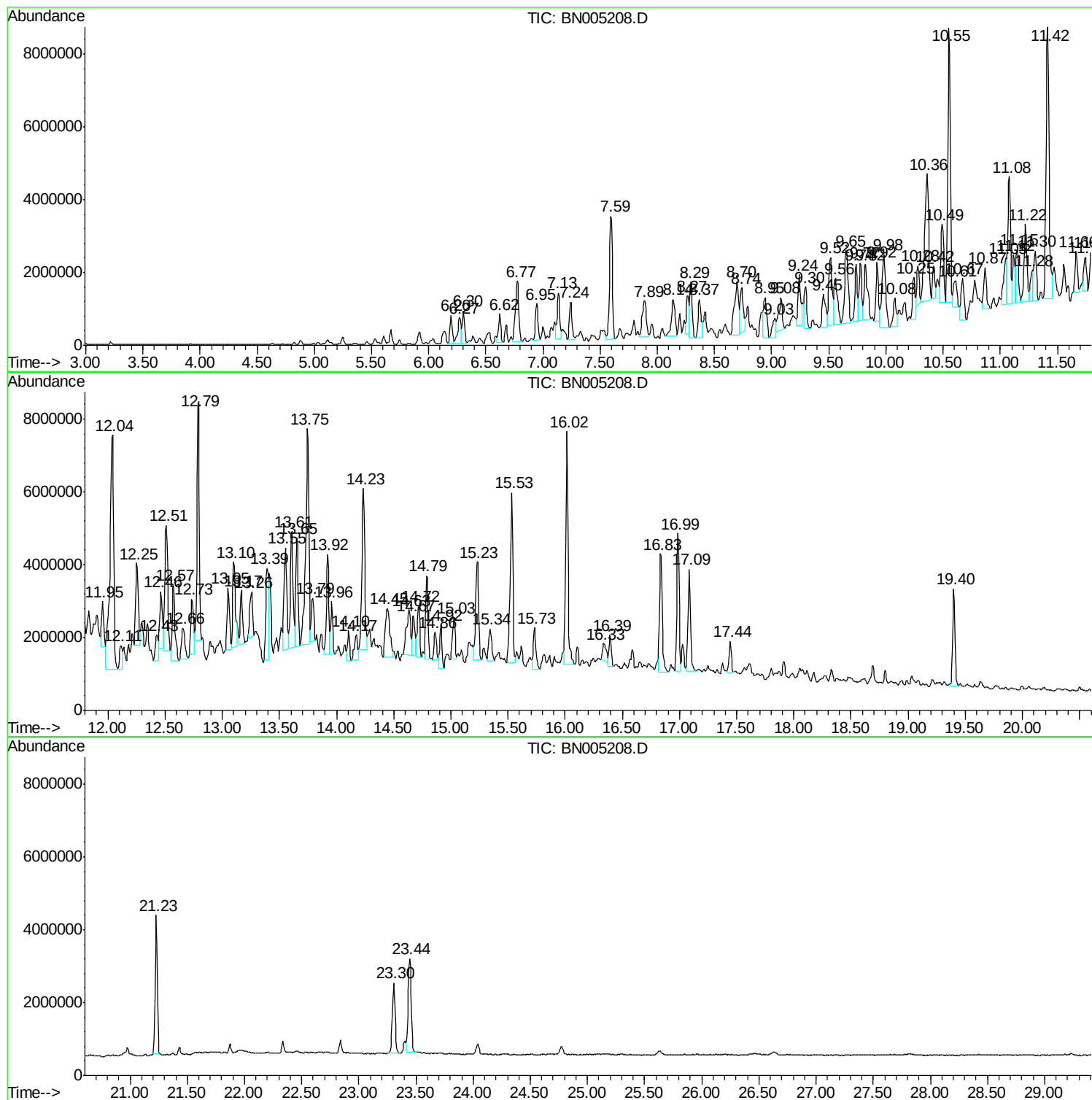
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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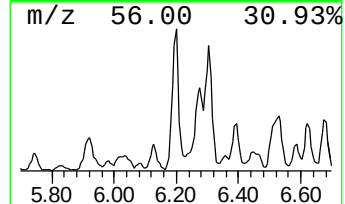
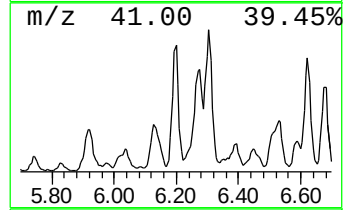
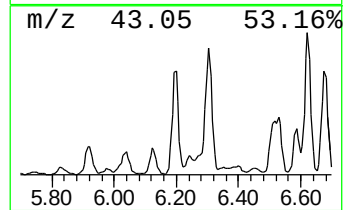
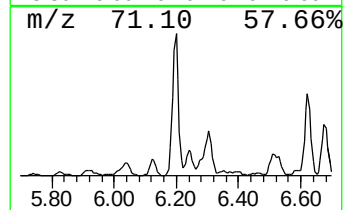
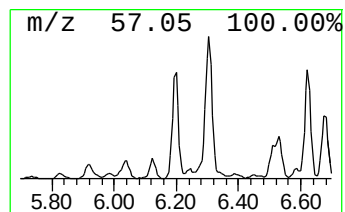
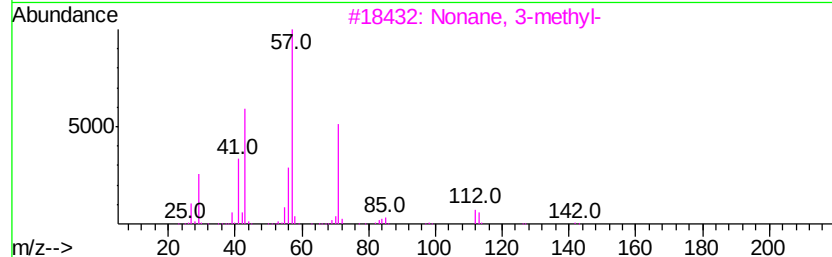
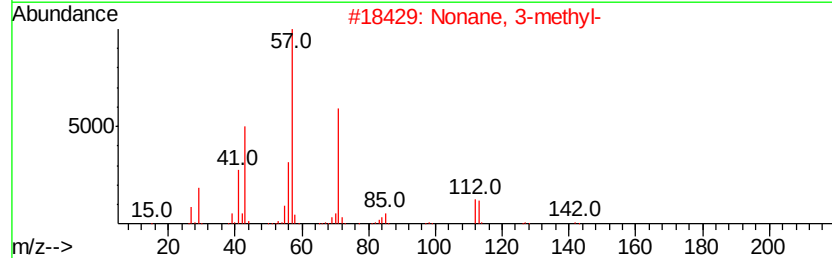
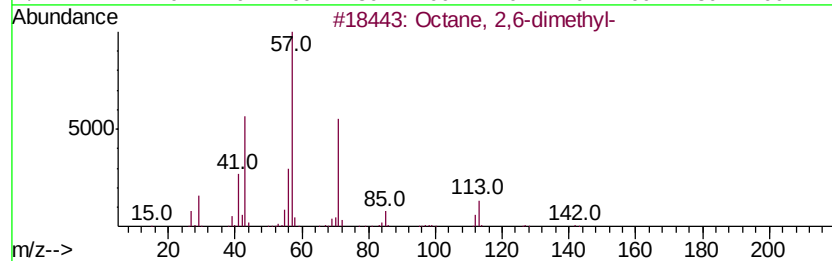
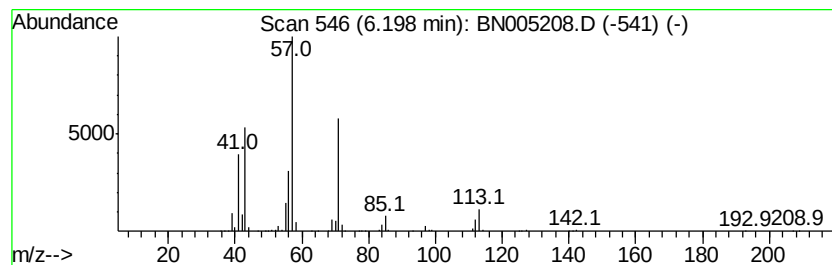
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	3.92 ng/ul	1119760	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	87
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86



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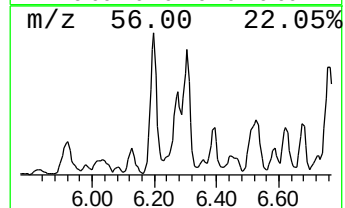
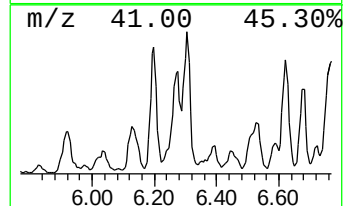
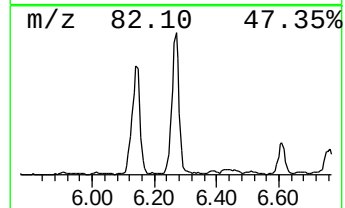
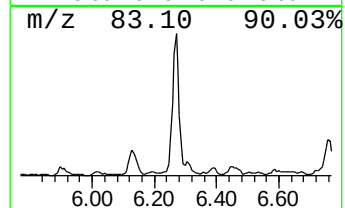
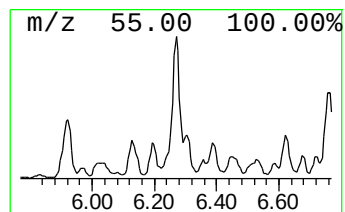
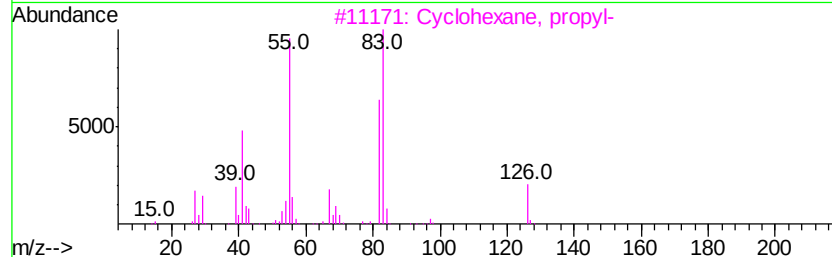
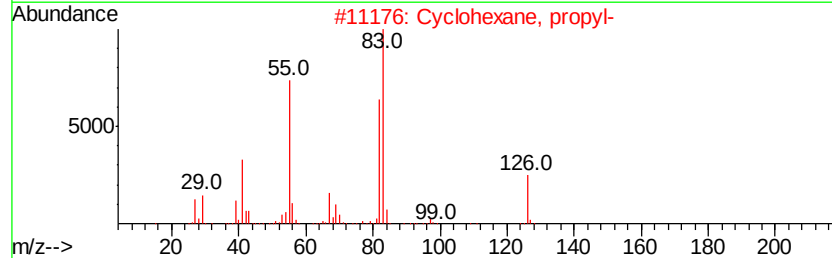
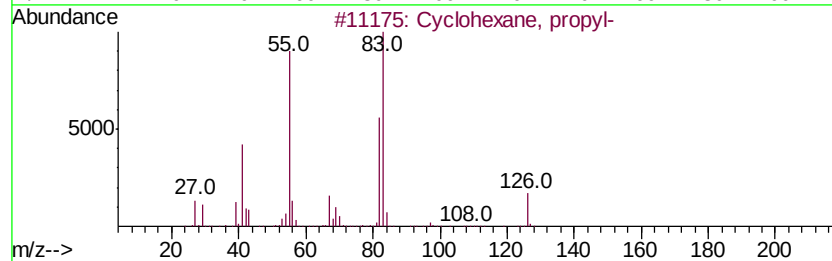
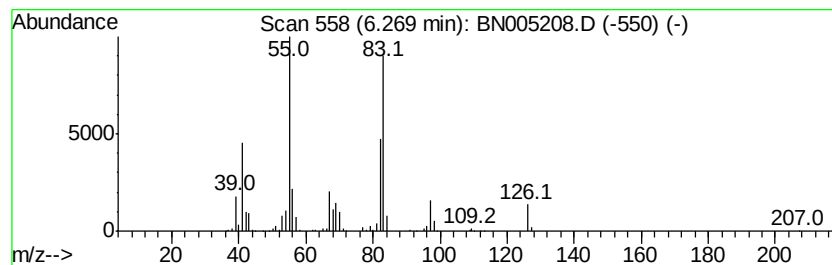
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic6.27 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	5.02 ng/ul	1433480	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	83
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	64



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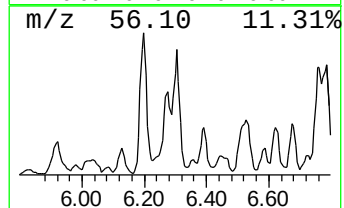
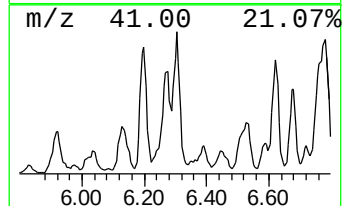
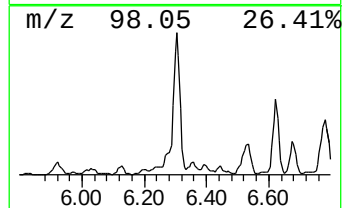
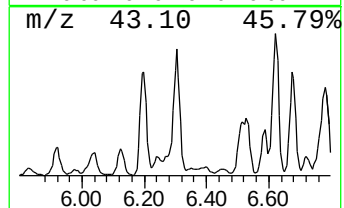
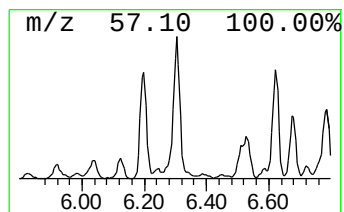
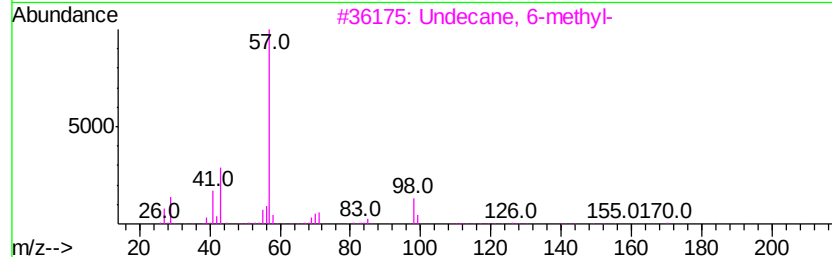
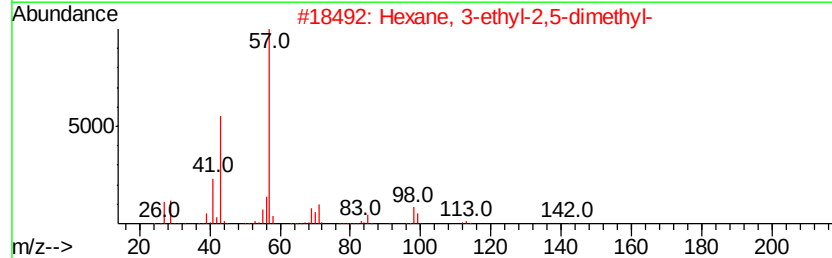
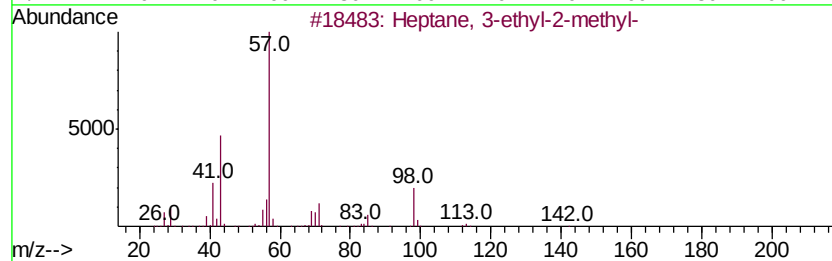
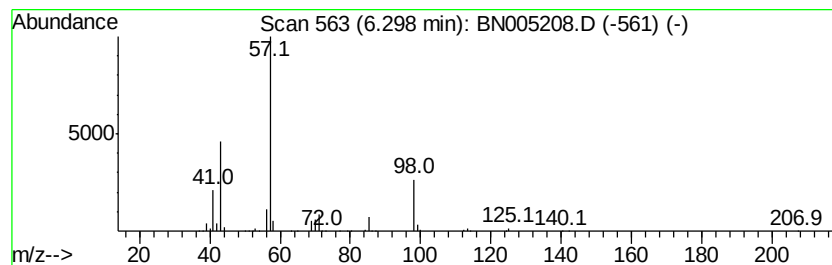
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	4.45 ng/ul	1269990	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
2		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	74
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	56
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleID :
GAHR8DL

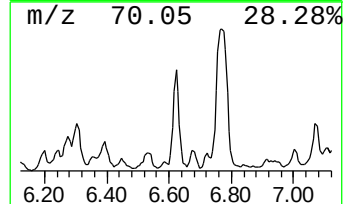
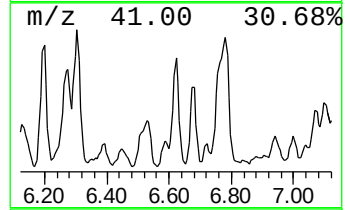
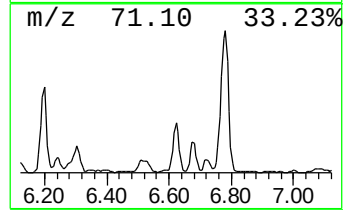
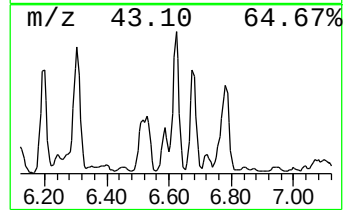
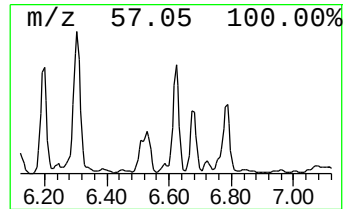
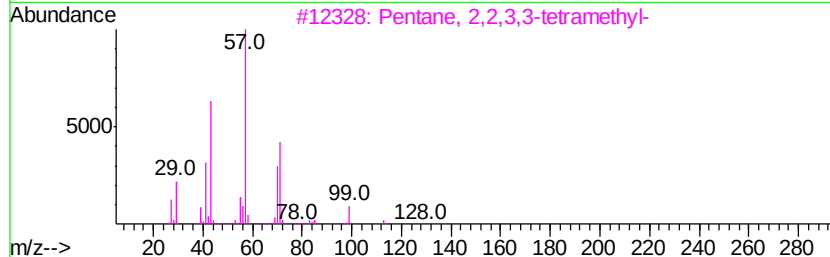
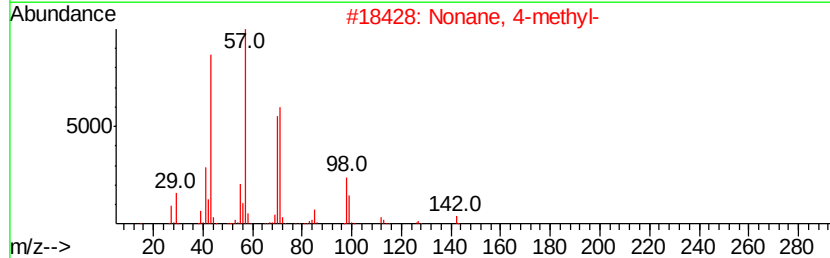
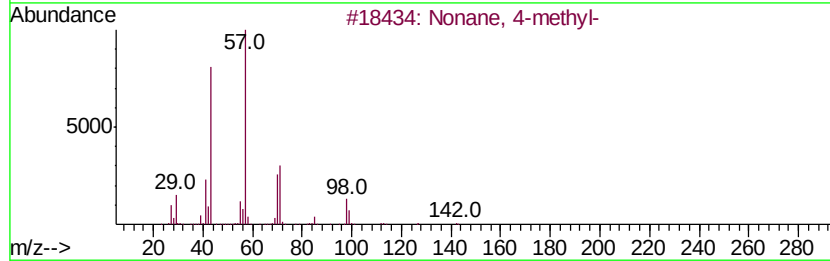
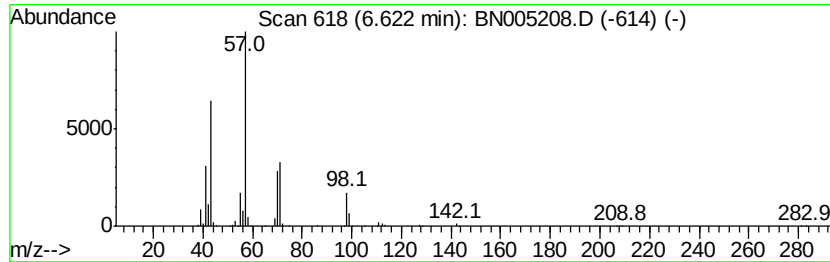
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	3.91 ng/ul	1116110	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
4		Octadecane, 6-methyl-	268	C19H40	010544-96-4	53
5		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampled :
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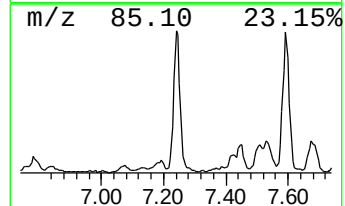
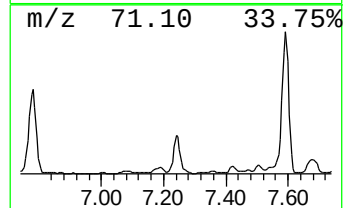
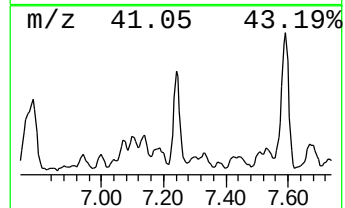
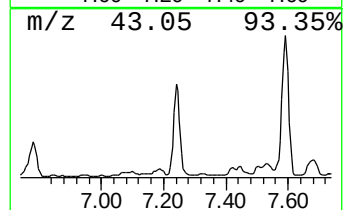
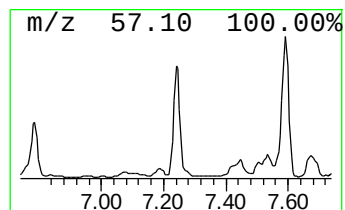
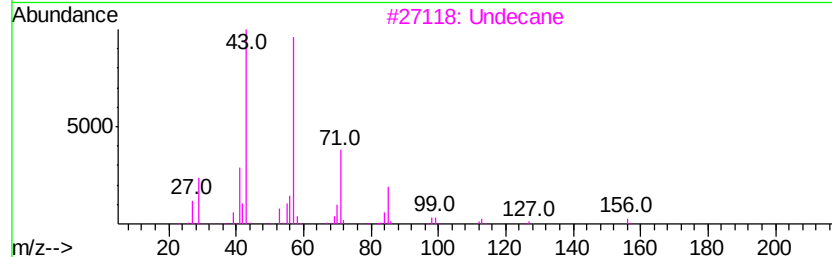
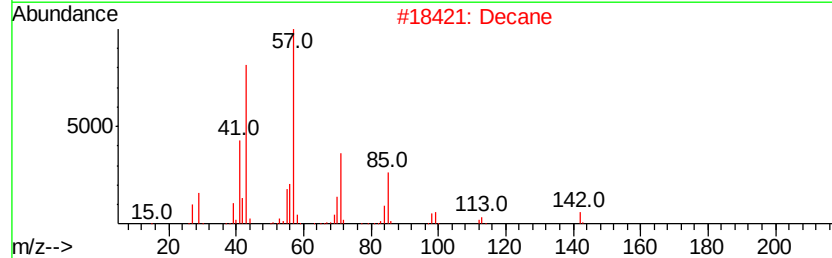
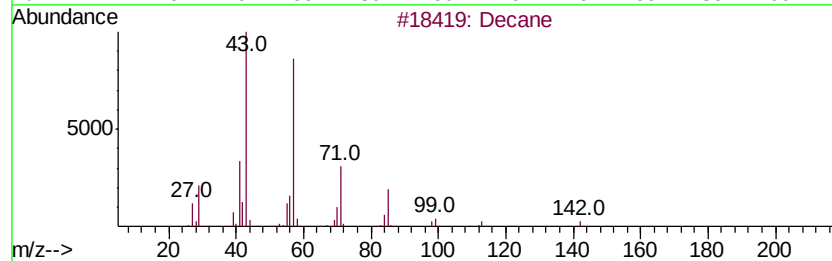
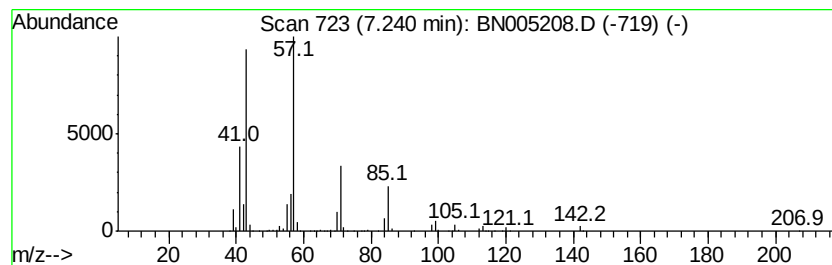
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	5.56 ng/ul	1585420	1,4-Dichlorobenzene-d4	7.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	95
2	Decane			142	C10H22	000124-18-5	95
3	Undecane			156	C11H24	001120-21-4	83
4	Decane			142	C10H22	000124-18-5	78
5	1-Iodo-2-methylundecane			296	C12H25I	073105-67-6	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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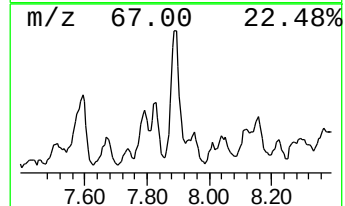
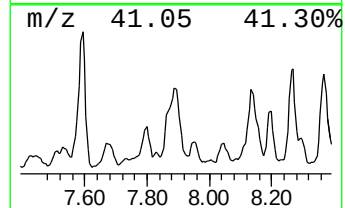
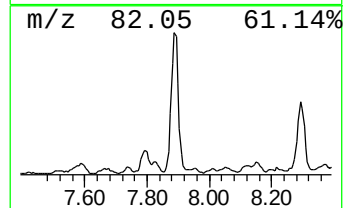
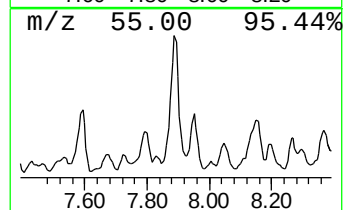
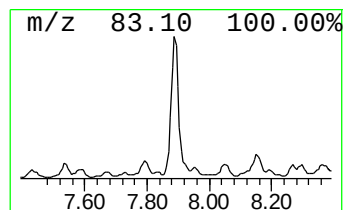
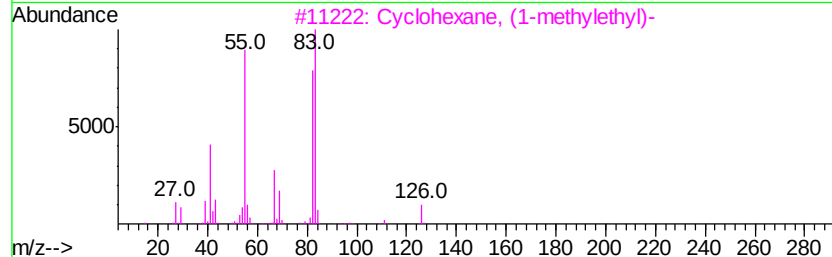
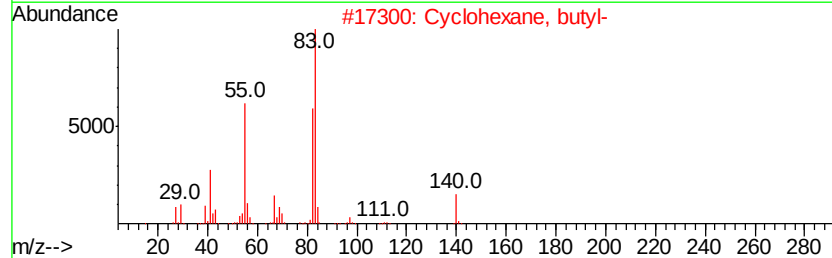
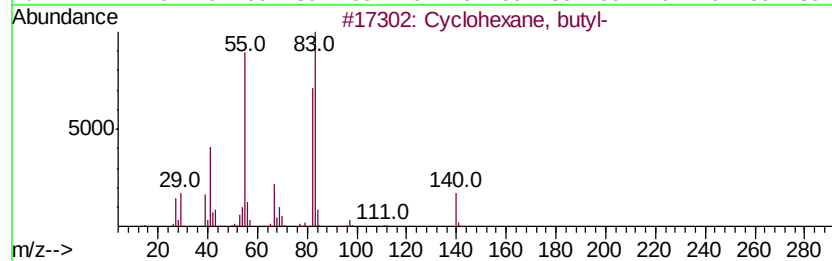
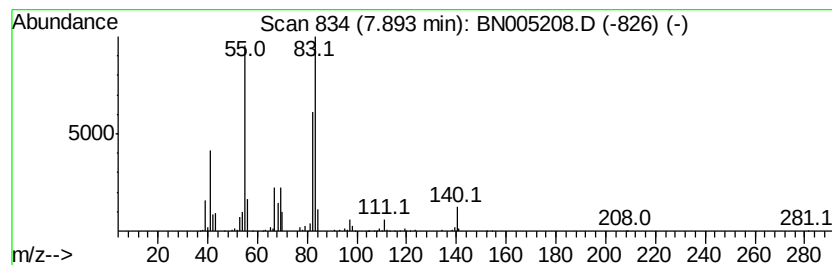
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic7.89 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	8.69 ng/ul	2480730	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	86
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Sample : K2455-18DL 2X
Misc :
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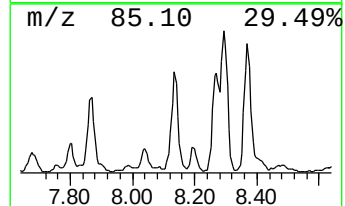
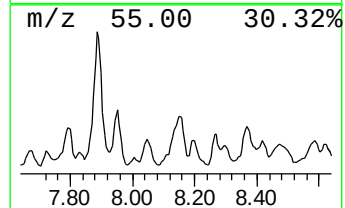
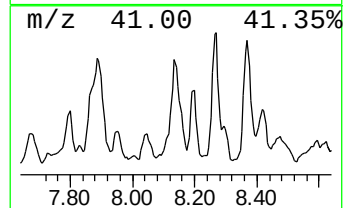
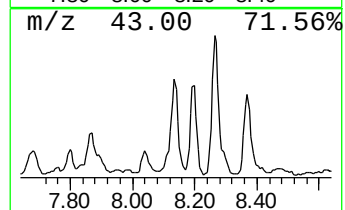
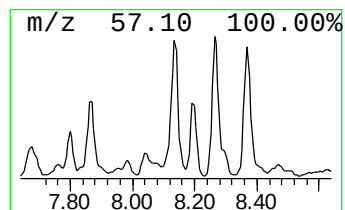
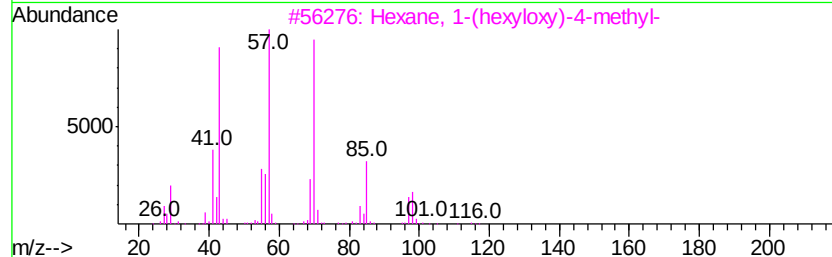
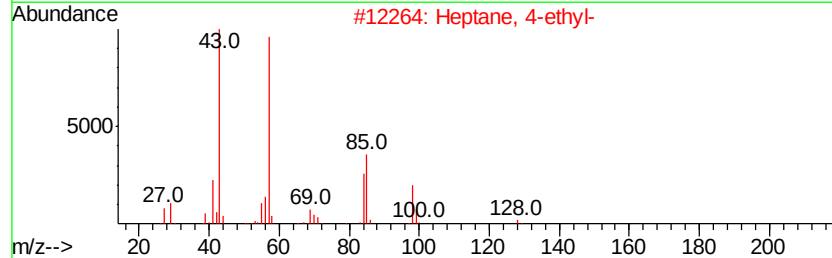
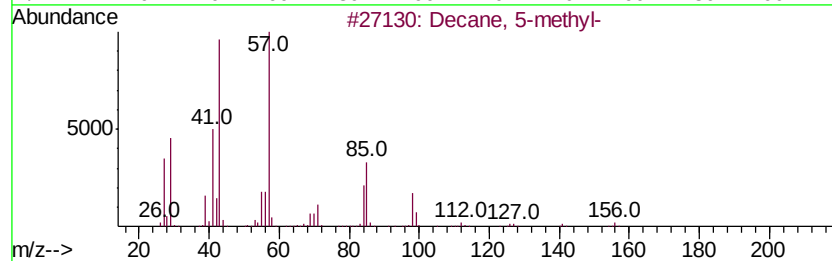
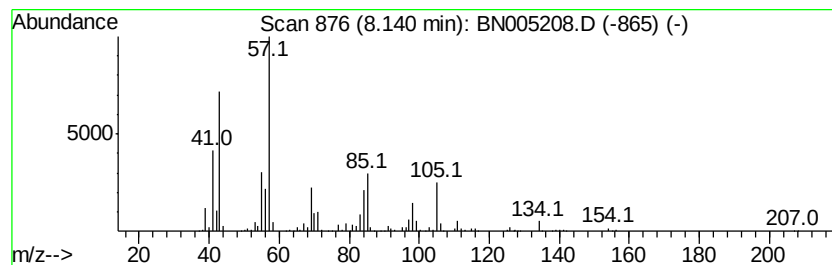
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	8.14 ng/ul	2321700	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	50
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
3		Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	47
4		Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	43
5		Decane, 5-methyl-	156	C11H24	013151-35-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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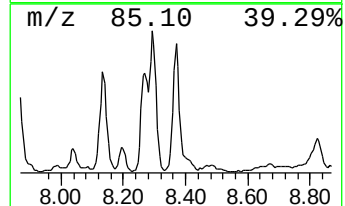
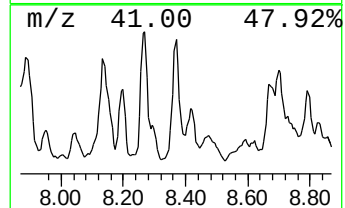
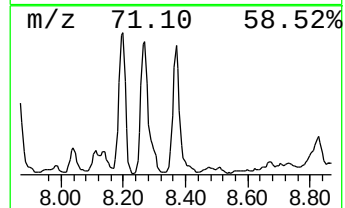
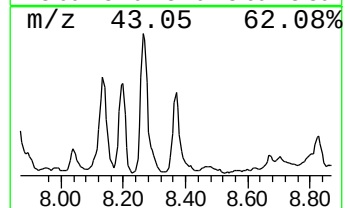
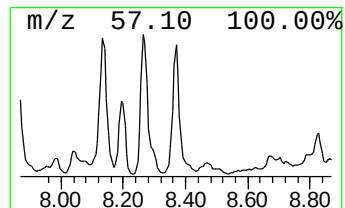
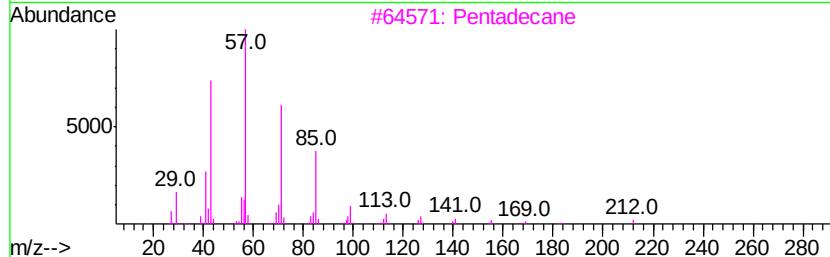
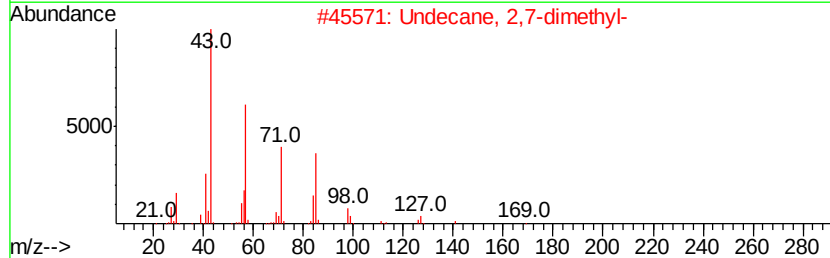
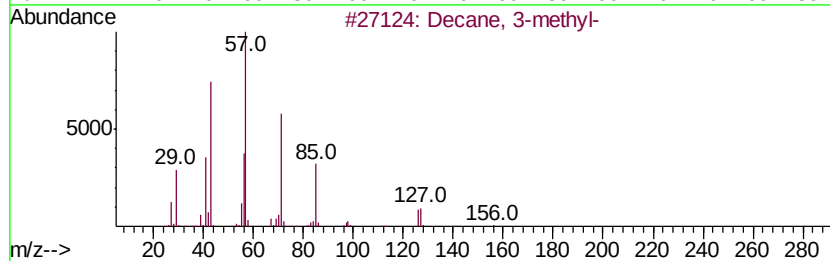
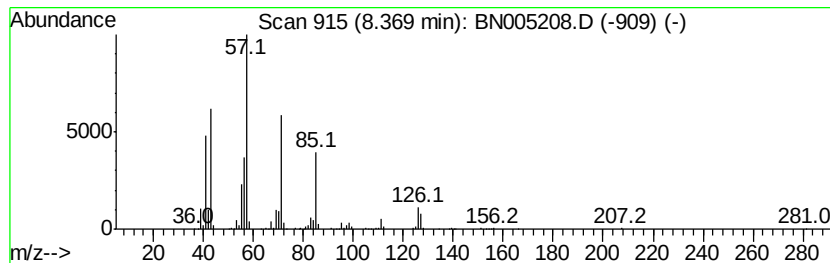
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	6.51 ng/ul	1857300	1,4-Dichlorobenzene-d4	7.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	95
2			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	72
3			Pentadecane	212	C15H32	000629-62-9	64
4			Hexadecane	226	C16H34	000544-76-3	64
5			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
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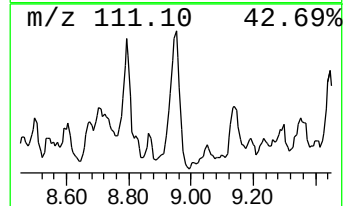
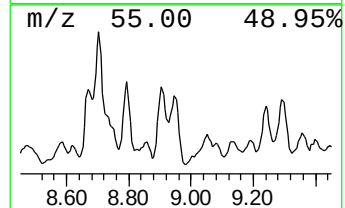
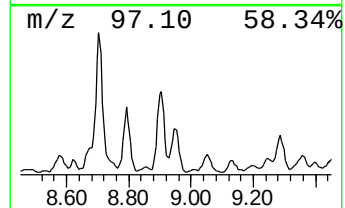
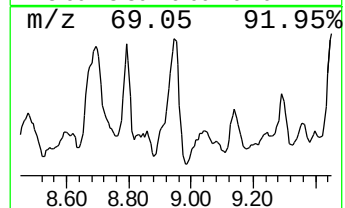
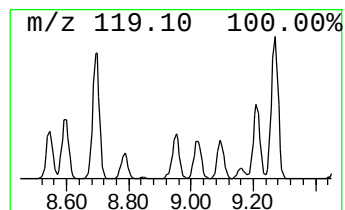
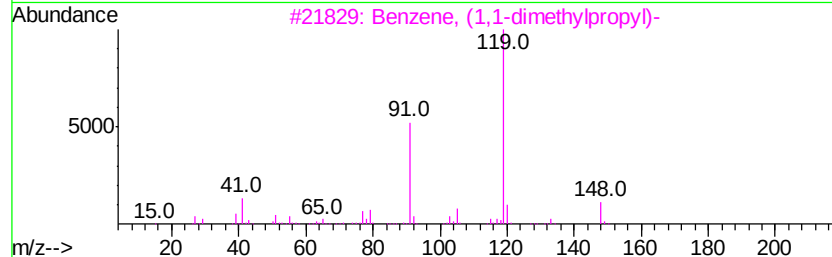
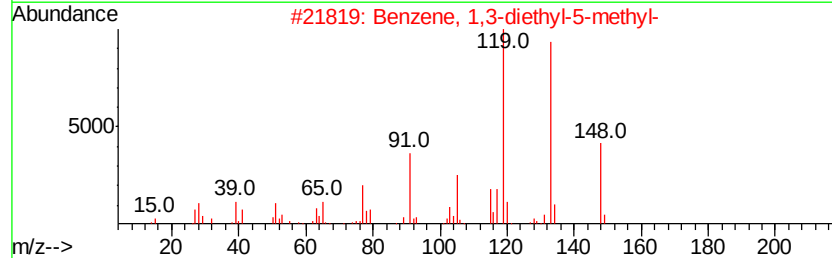
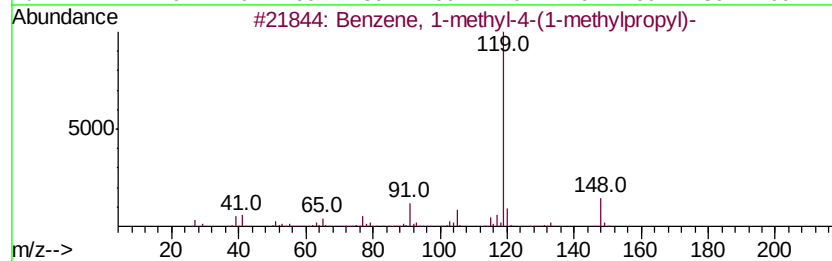
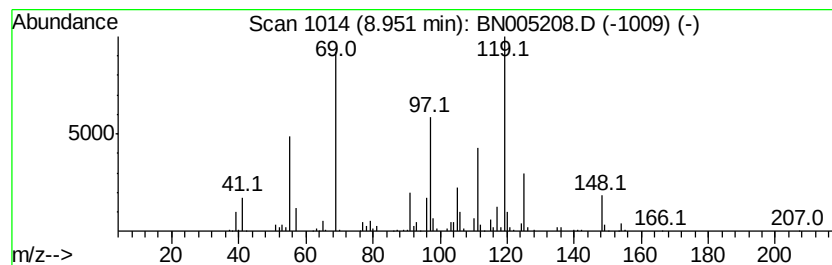
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.95	7.87 ng/ul	2245840	1,4-Dichlorobenzene-d4	7.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	35
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	30
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	18
4	4-Aminostyrene	119	C8H9N	001520-21-4	18
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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ALS Vial : 44 Sample Multiplier: 1

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ClientSampleId :
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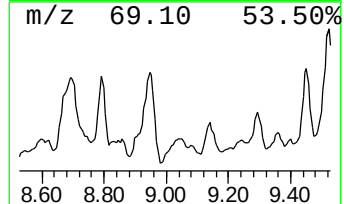
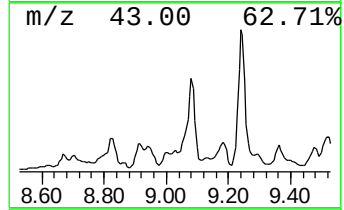
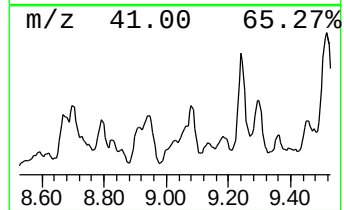
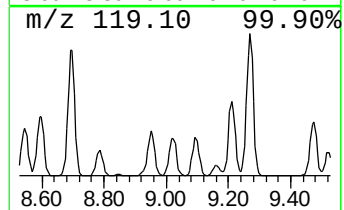
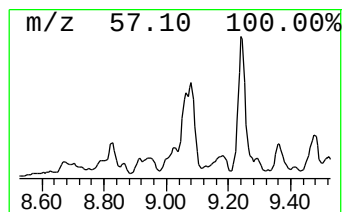
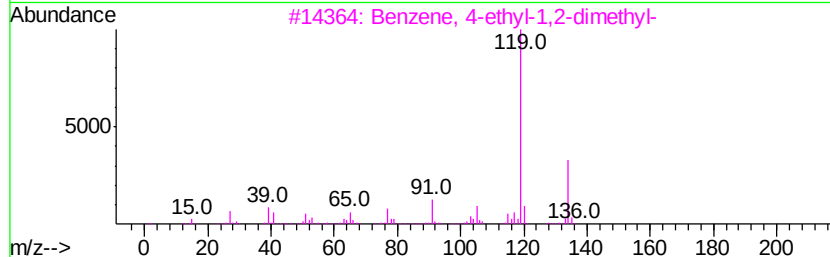
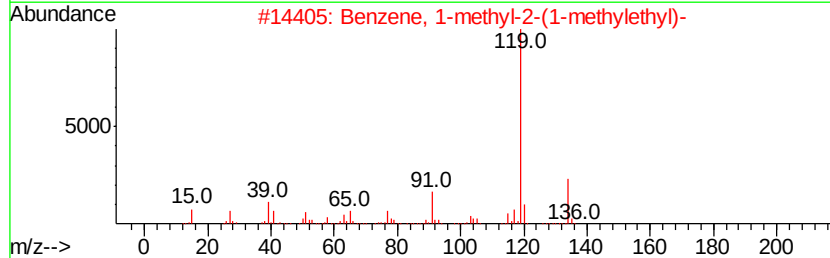
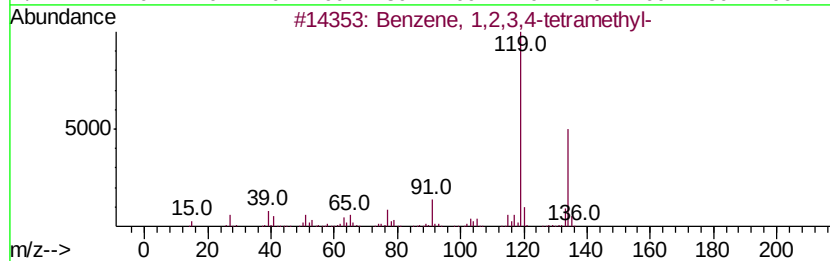
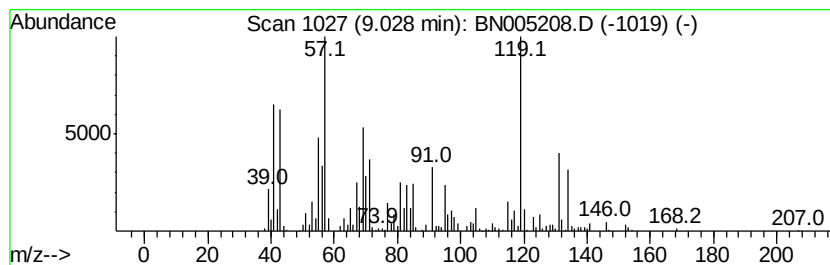
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	2.88 ng/ul	1234810	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
2		Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	50
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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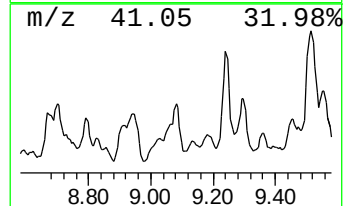
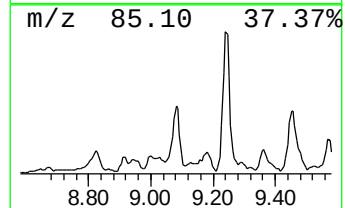
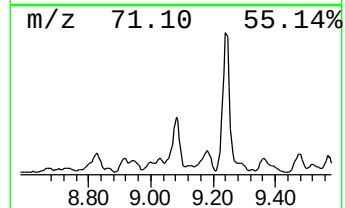
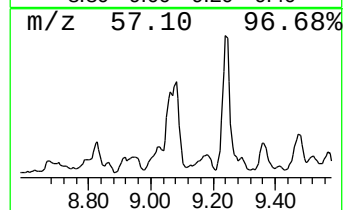
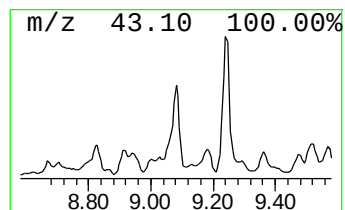
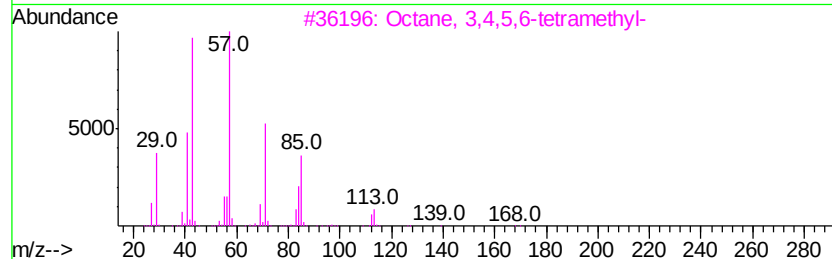
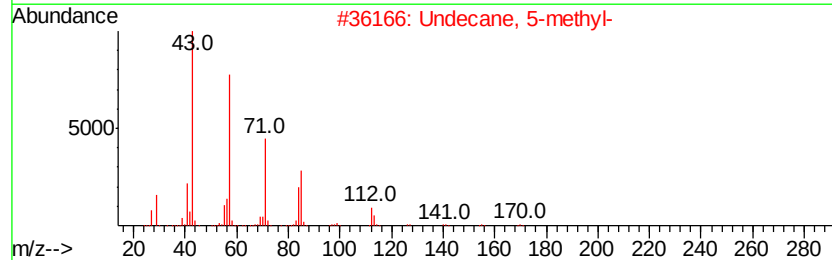
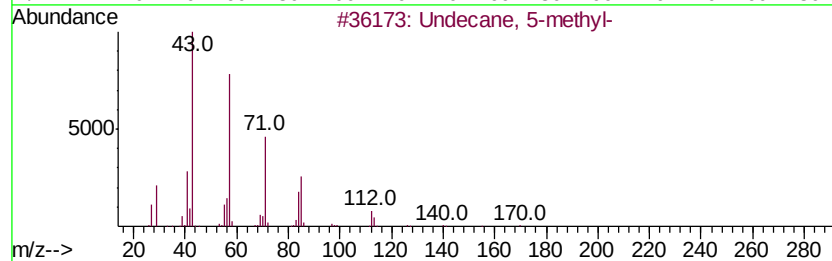
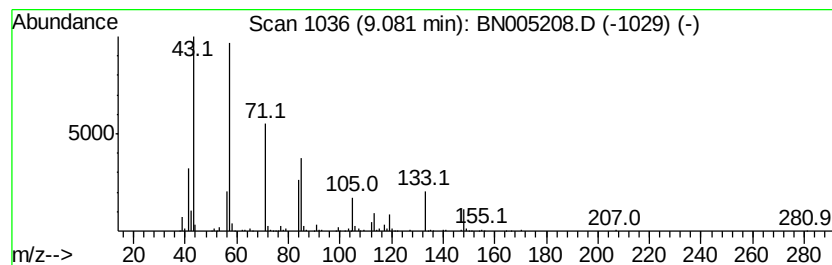
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	4.65 ng/ul	1992610	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-			170	C12H26	001632-70-8	76
2	Undecane, 5-methyl-			170	C12H26	001632-70-8	70
3	Octane, 3,4,5,6-tetramethyl-			170	C12H26	062185-21-1	53
4	Decane, 3,6-dimethyl-			170	C12H26	017312-53-7	52
5	1-Iodo-2-methylundecane			296	C12H25I	073105-67-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Misc :
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Instrument :
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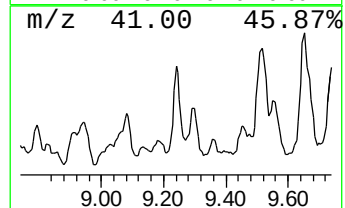
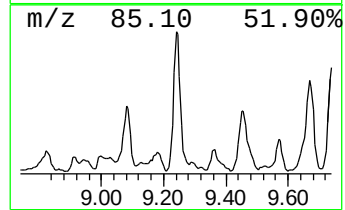
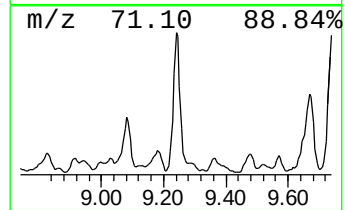
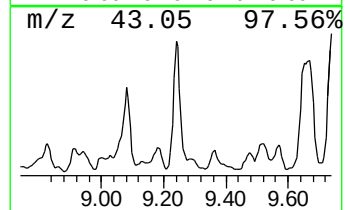
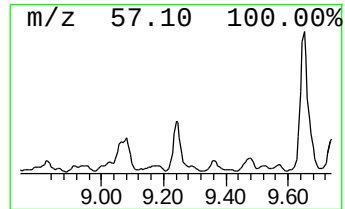
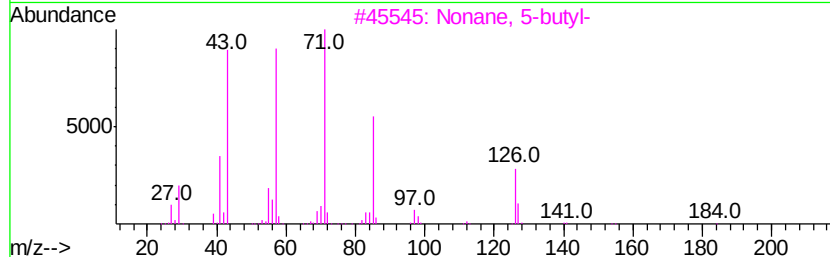
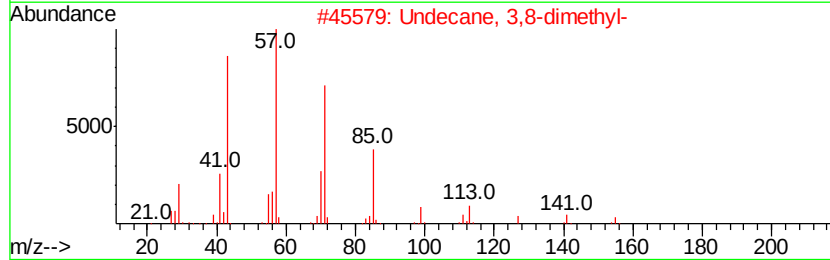
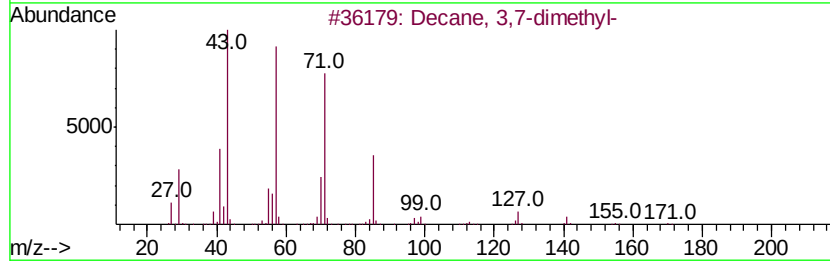
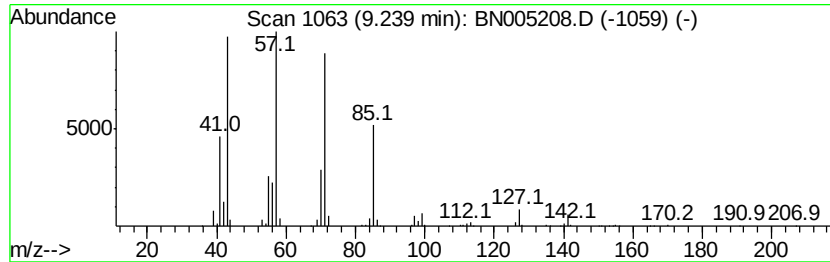
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	5.42 ng/ul	2323420	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	94
2		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	83
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	59
4		Undecane, 4-methyl-	170	C12H26	002980-69-0	52
5		Undecane, 4-methyl-	170	C12H26	002980-69-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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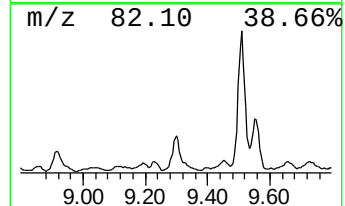
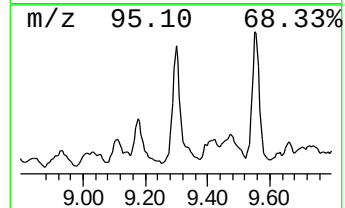
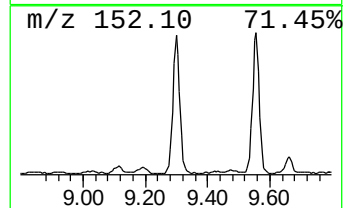
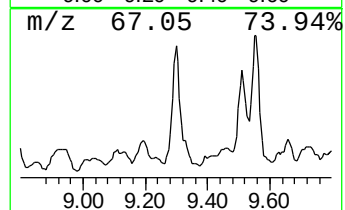
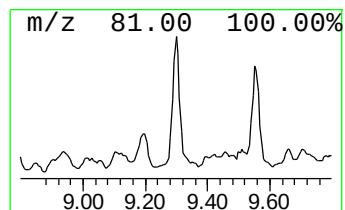
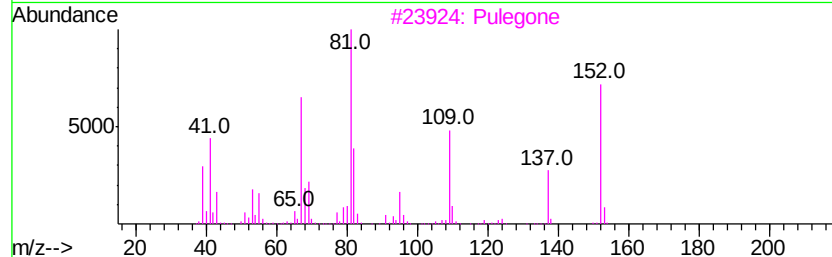
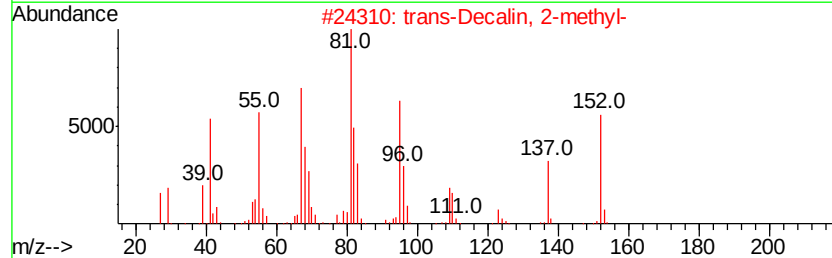
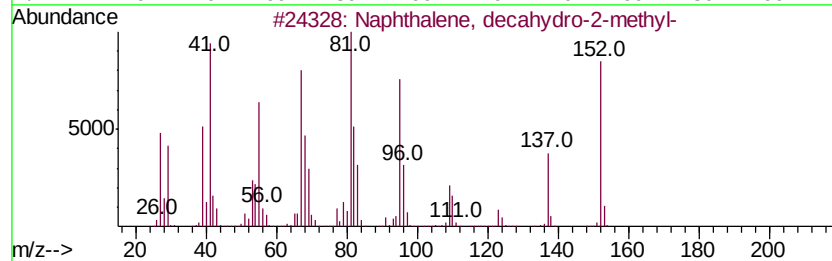
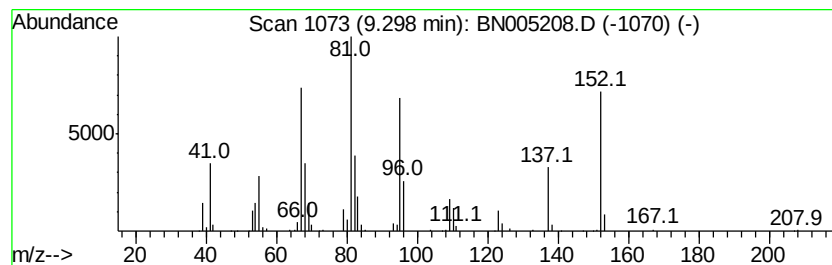
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, decahydro-2-me... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	3.92 ng/ul	1680690	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
3		Pulegone	152	C10H16O	000089-82-7	81
4		Pulegone	152	C10H16O	000089-82-7	72
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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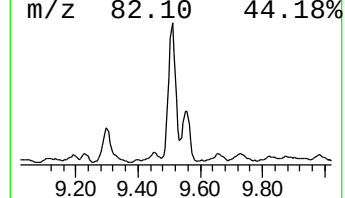
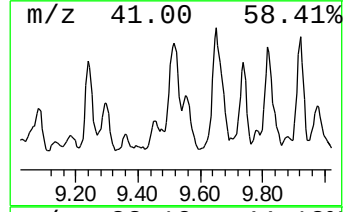
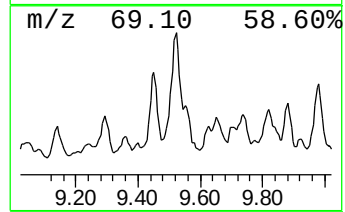
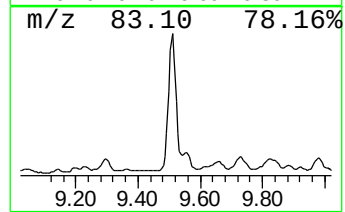
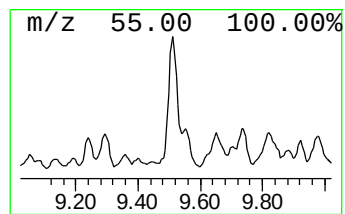
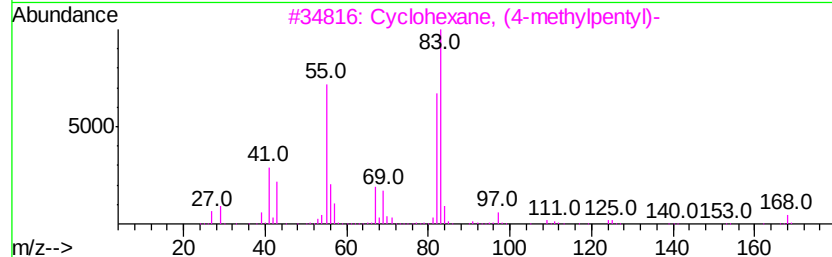
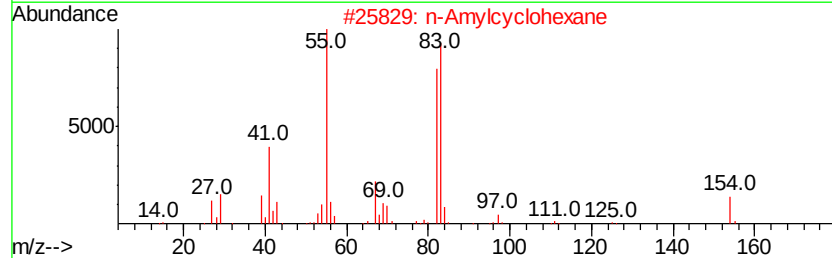
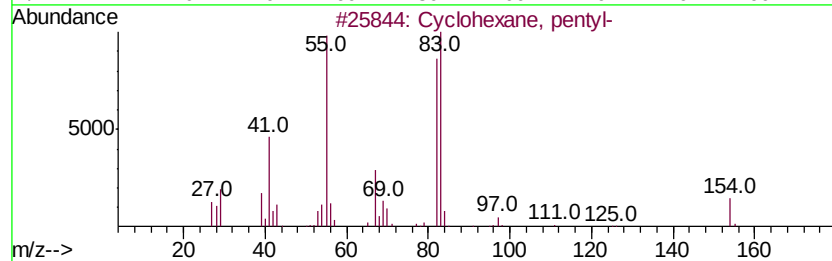
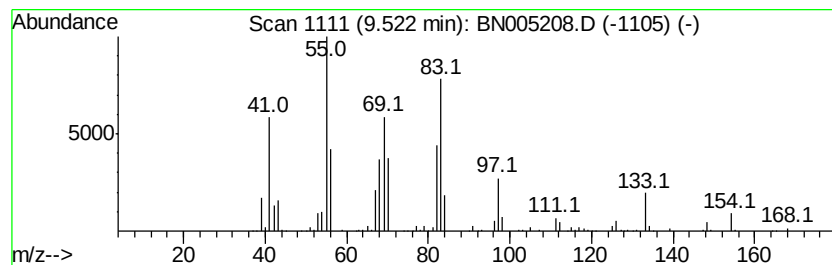
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Cyclic9.52 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	8.82 ng/ul	3781390	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
2			n-Amylcyclohexane	154	C11H22	029949-27-7	58
3			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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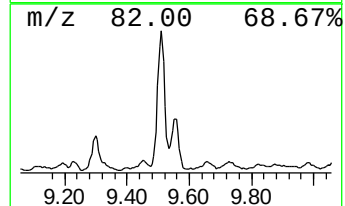
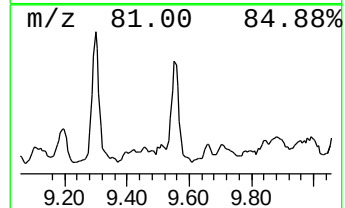
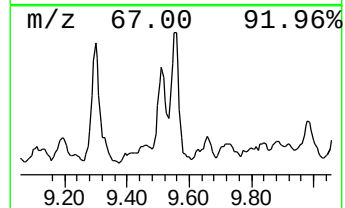
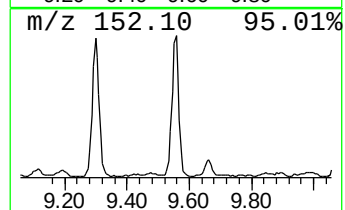
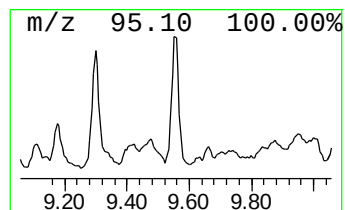
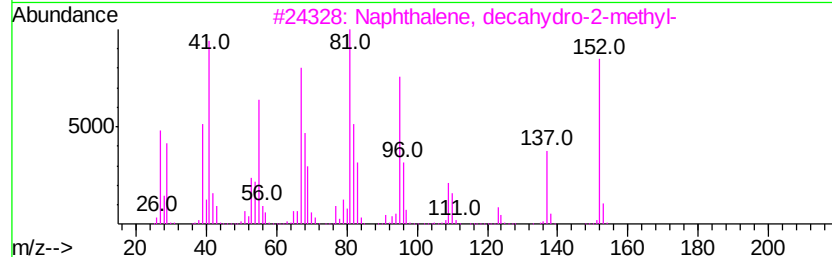
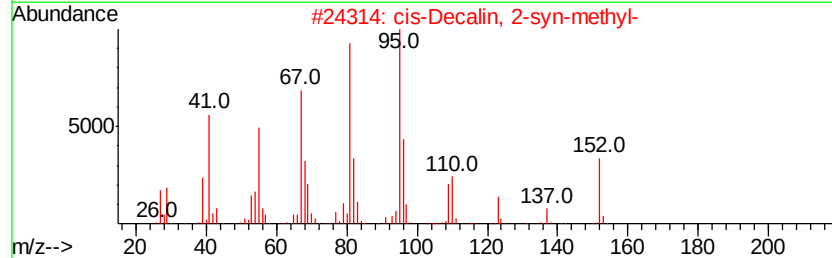
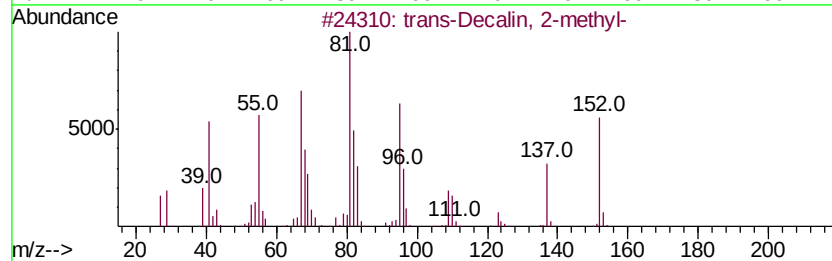
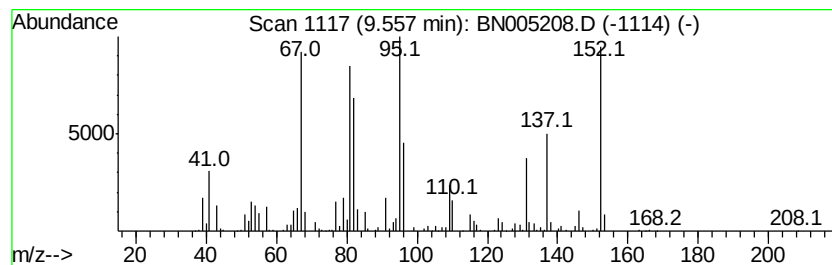
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 trans-Decalin, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	6.28 ng/ul	2693170	Naphthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
2			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
4			Pulegone	152	C10H16O	000089-82-7	46
5			1-Adamantanol	152	C10H16O	000768-95-6	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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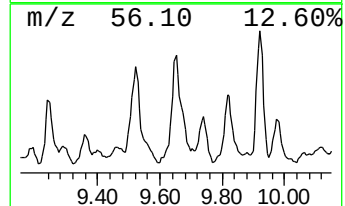
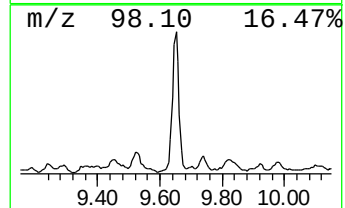
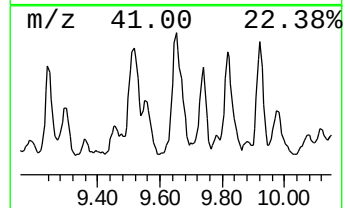
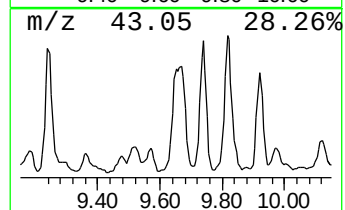
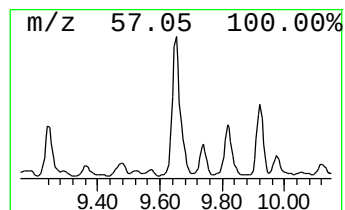
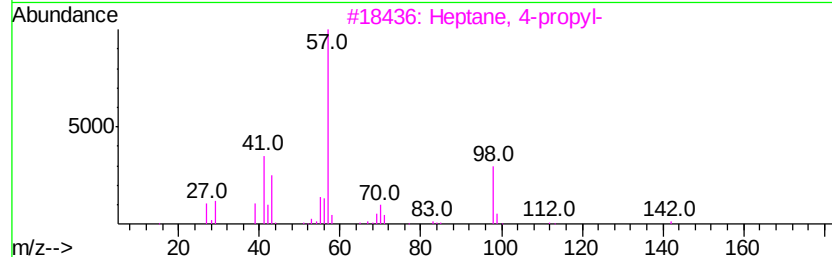
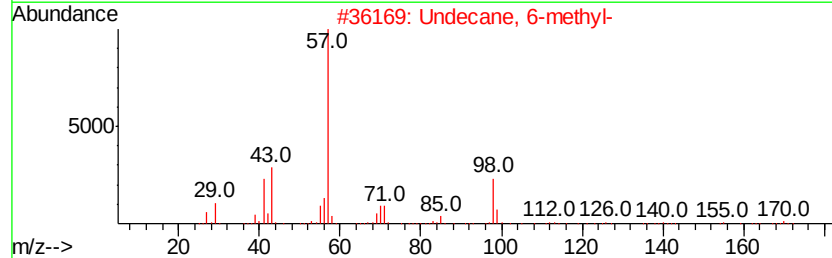
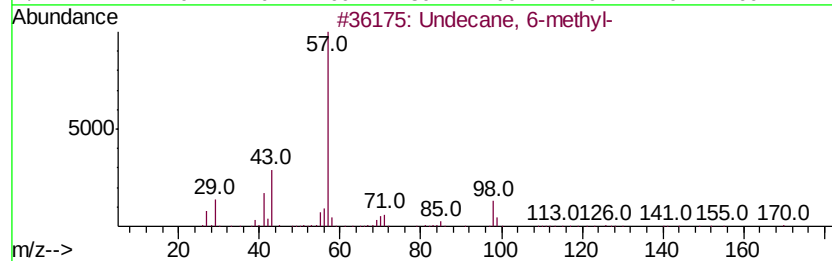
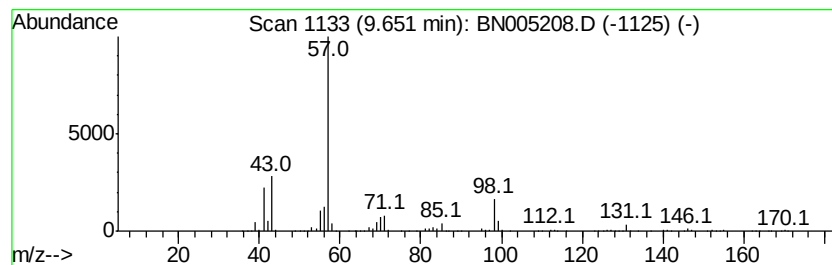
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	10.30 ng/ul	4413730	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-methyl-	170	C12H26	017302-33-9	81
2		Undecane, 6-methyl-	170	C12H26	017302-33-9	59
3		Heptane, 4-propyl-	142	C10H22	003178-29-8	53
4		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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ClientSampleId :
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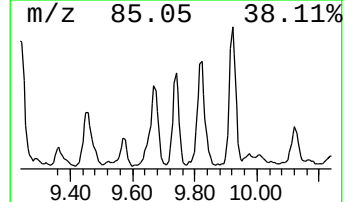
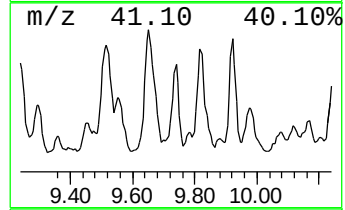
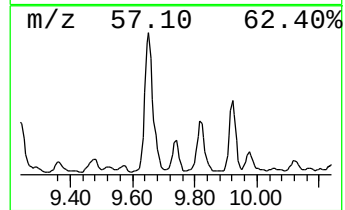
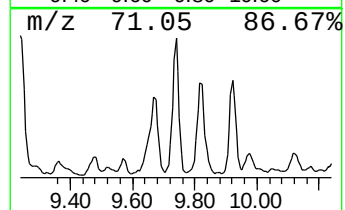
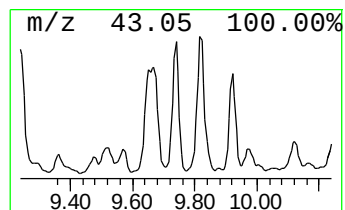
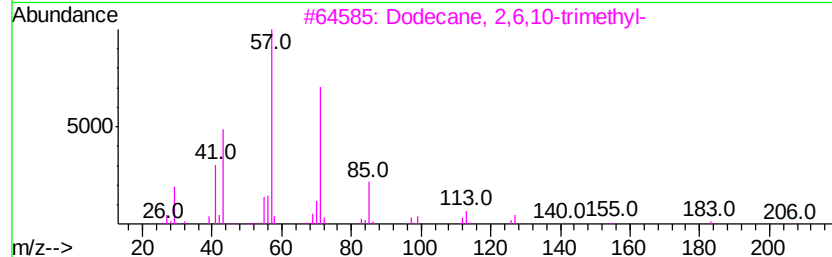
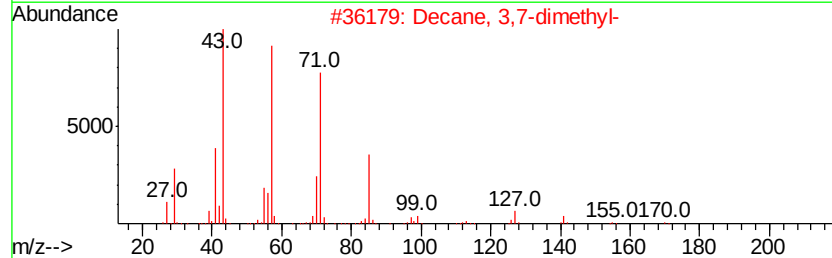
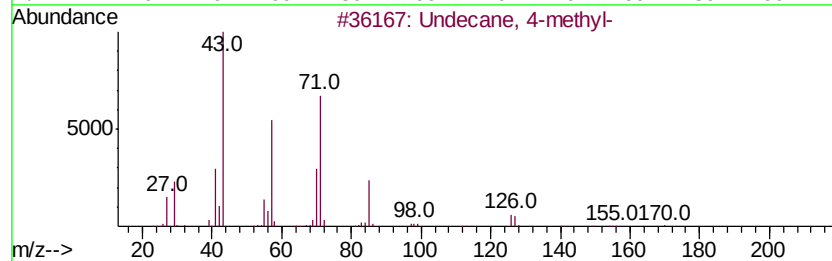
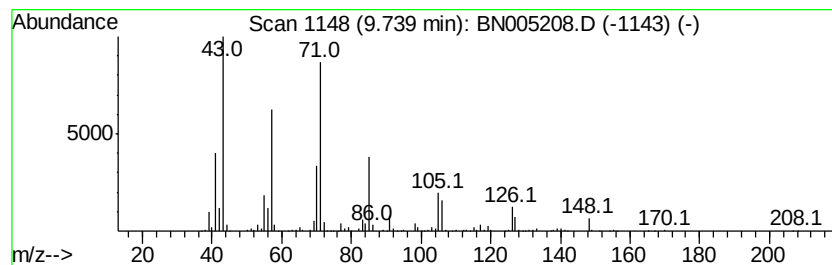
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	5.75 ng/ul	2464360	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4-methyl-	170	C12H26	002980-69-0	81
2		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
4		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
5		1-Hexanol, 5-methyl-2-(1-methyl...	158	C10H22O	002051-33-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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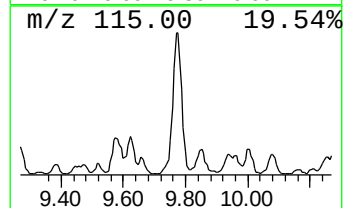
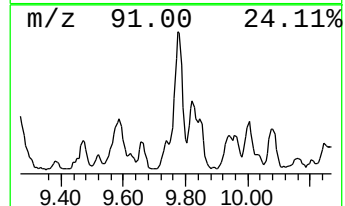
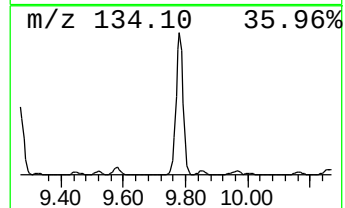
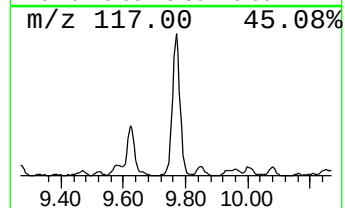
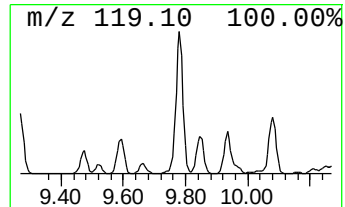
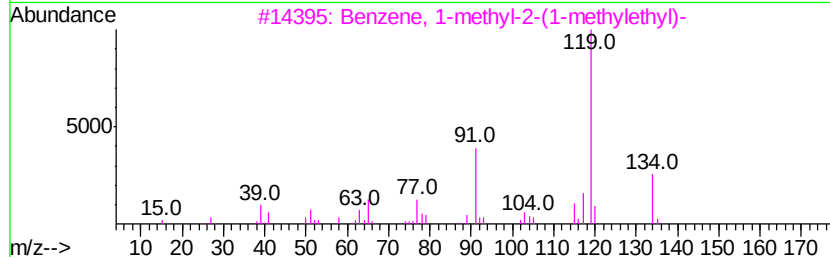
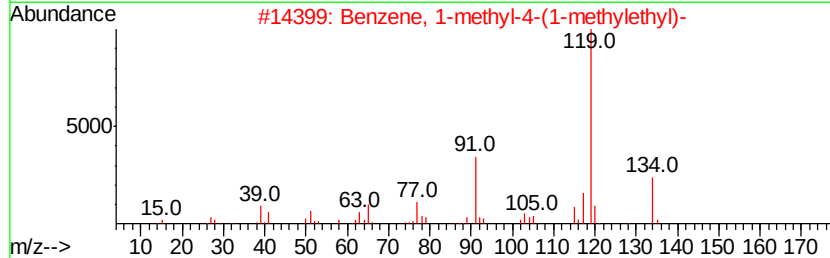
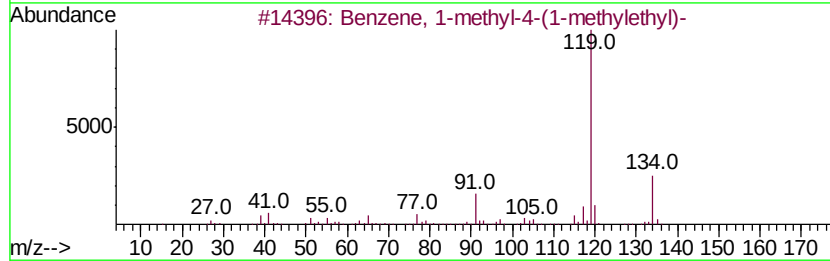
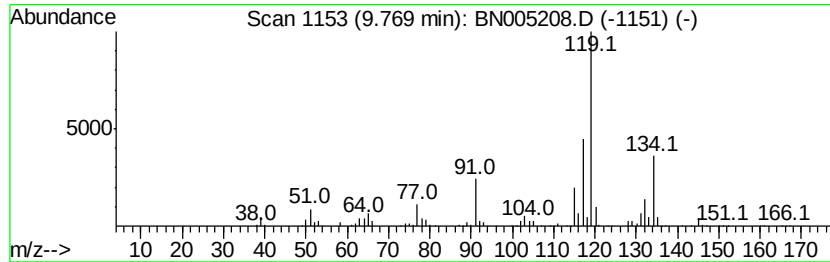
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 1-methyl-4-(1-meth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	6.15 ng/ul	2634910	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	91
2		Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	87
3		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	87
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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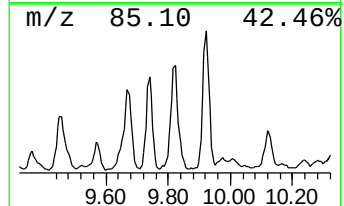
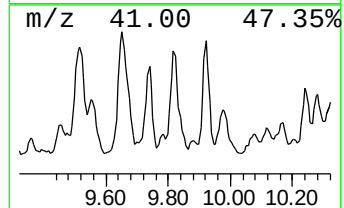
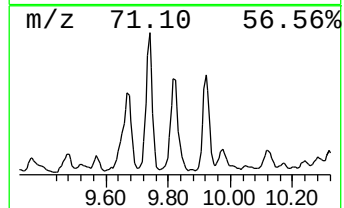
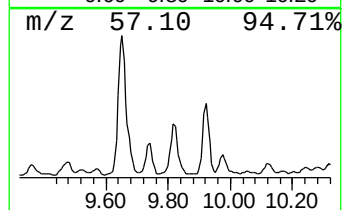
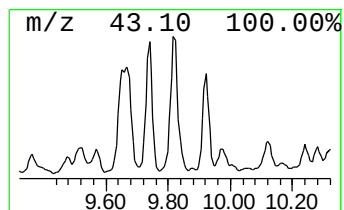
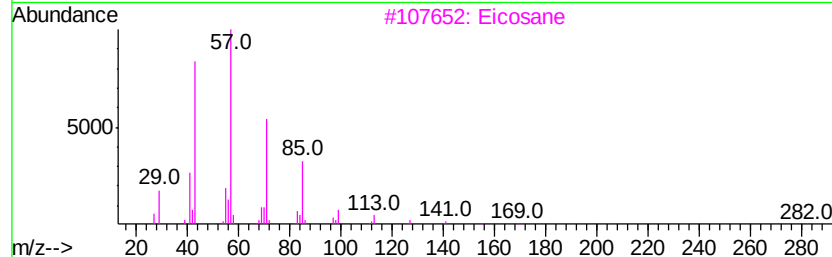
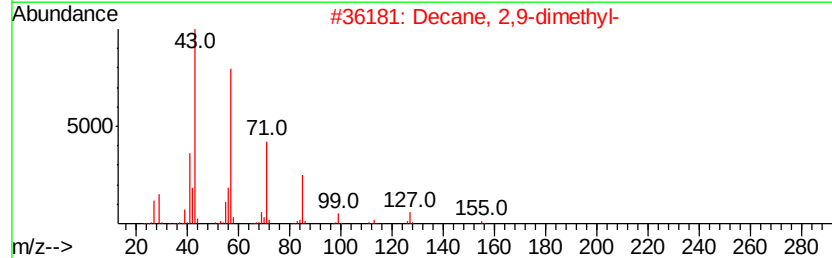
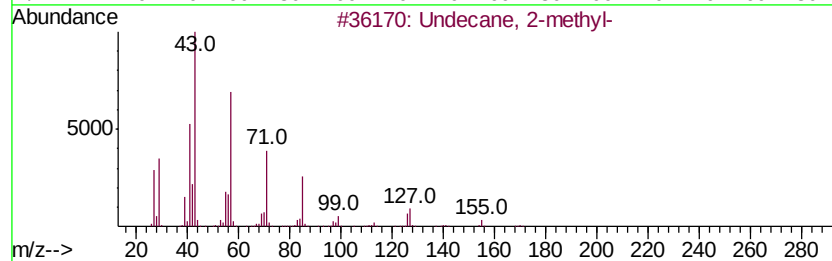
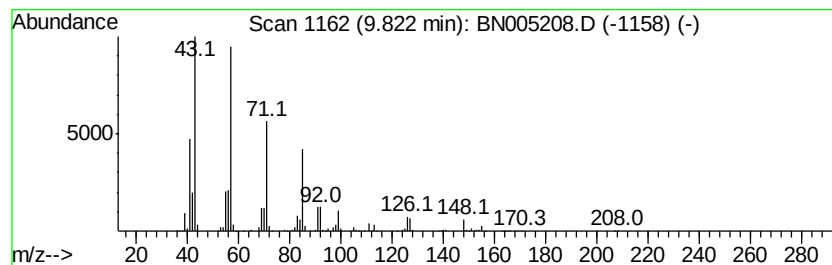
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	7.41 ng/ul	3173910	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	78
2		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
3		Eicosane	282	C20H42	000112-95-8	59
4		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59
5		Octacosane	394	C28H58	000630-02-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Acq On : 23 Apr 2019 11:24
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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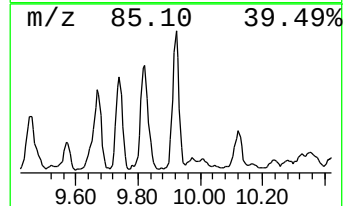
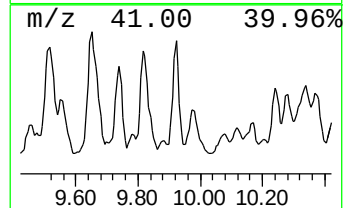
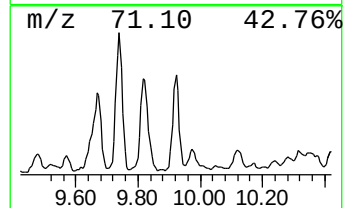
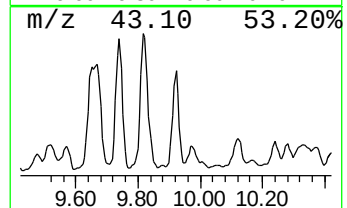
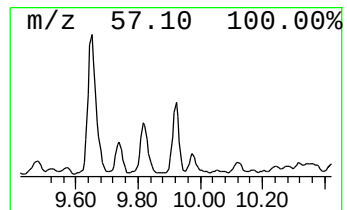
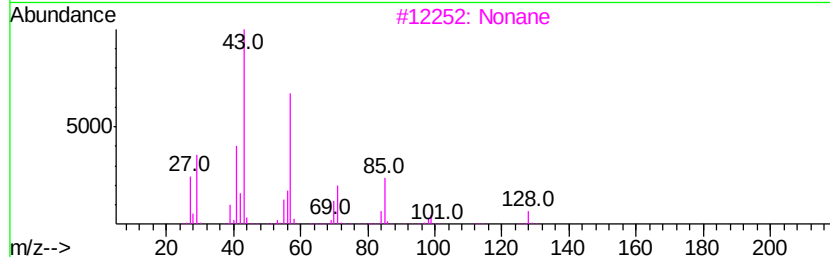
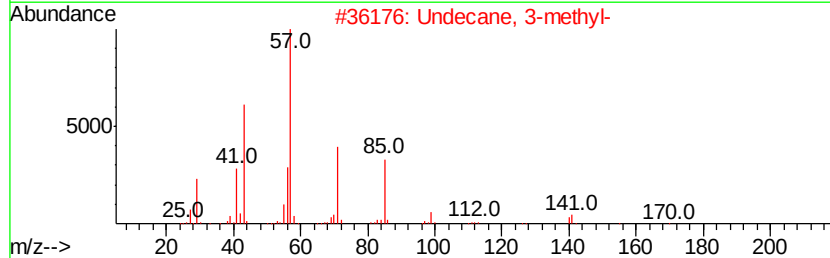
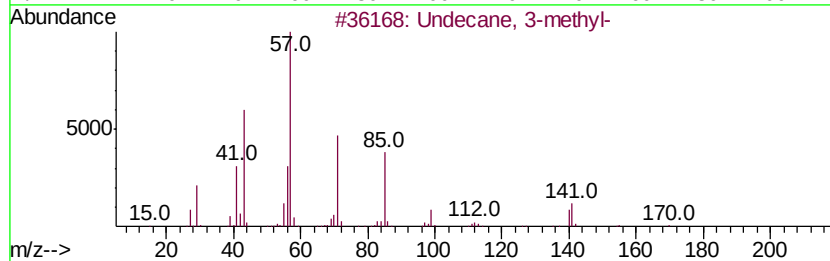
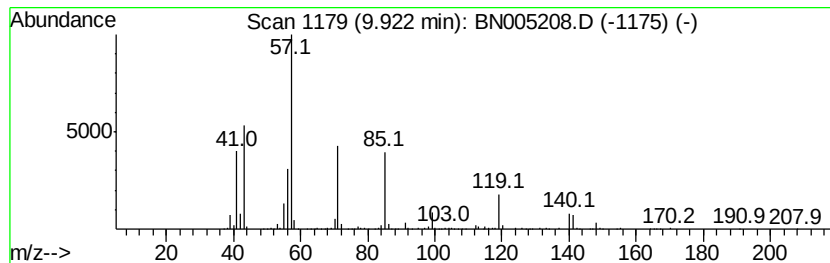
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	5.73 ng/ul	2457770	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	87
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	80
3		Nonane	128	C9H20	000111-84-2	64
4		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	53
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Misc :
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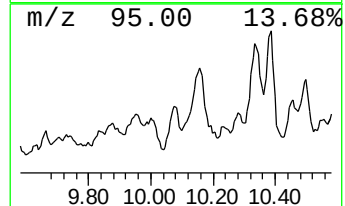
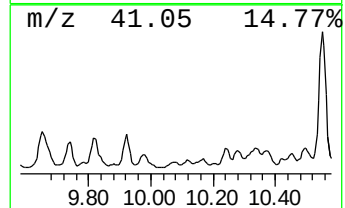
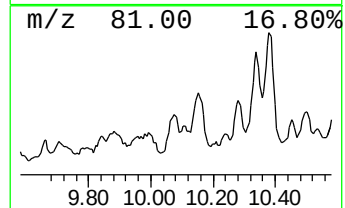
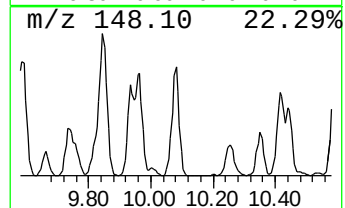
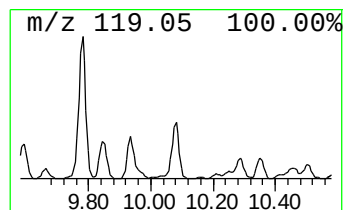
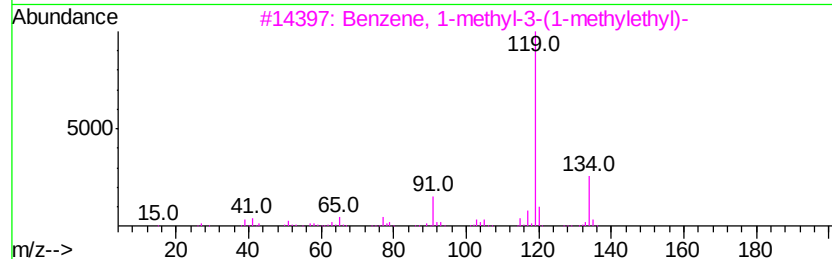
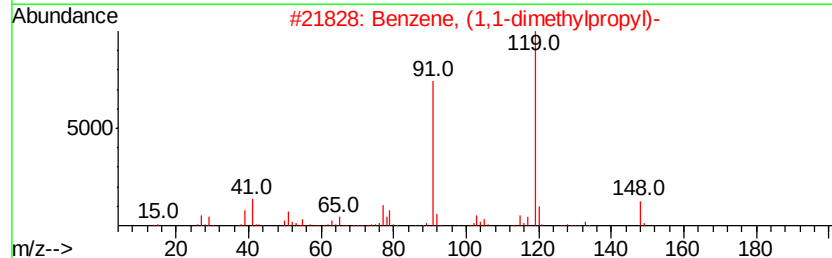
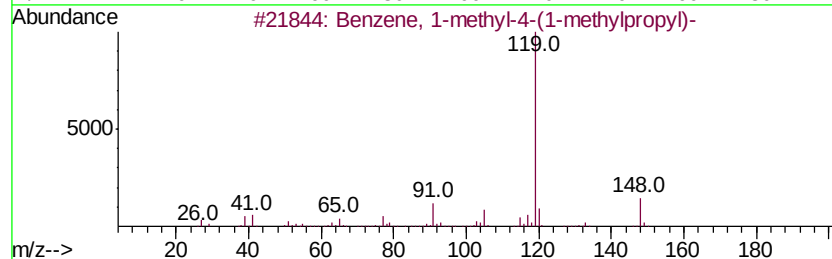
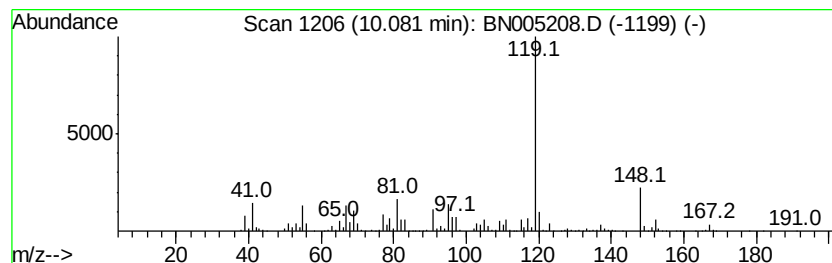
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Benzene, 1-methyl-4-(1-meth... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	3.53 ng/ul	1511540	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
5		Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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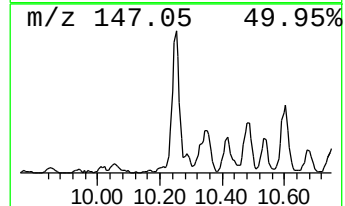
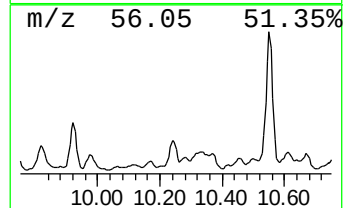
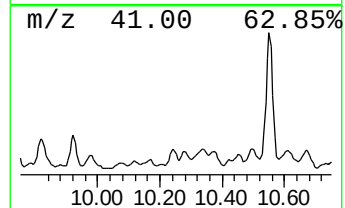
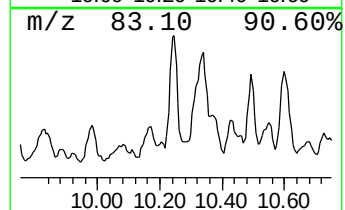
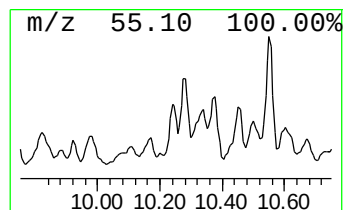
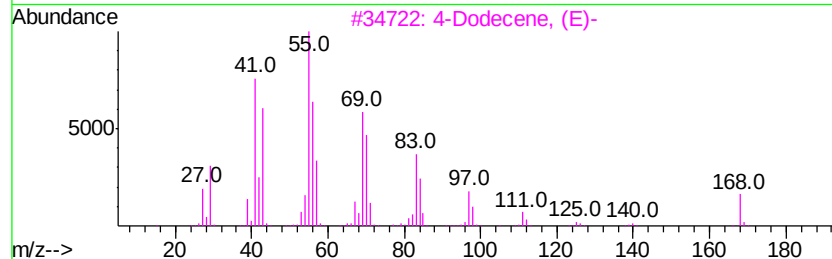
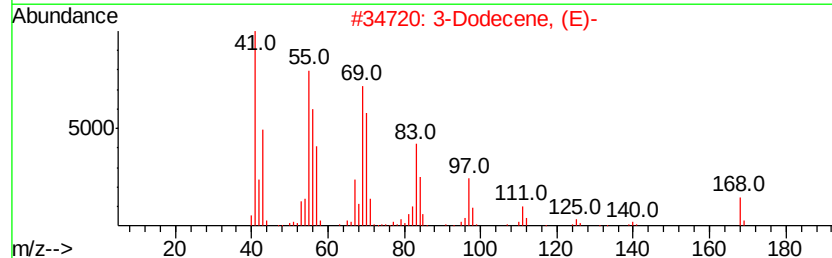
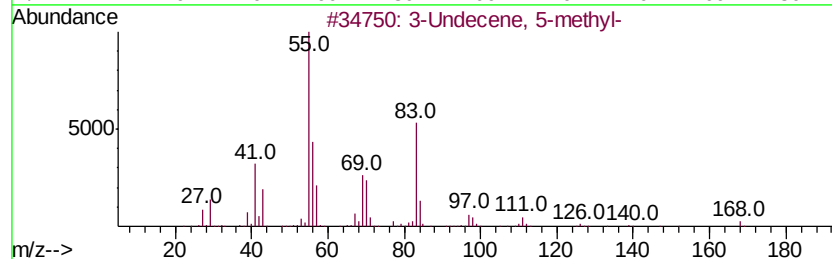
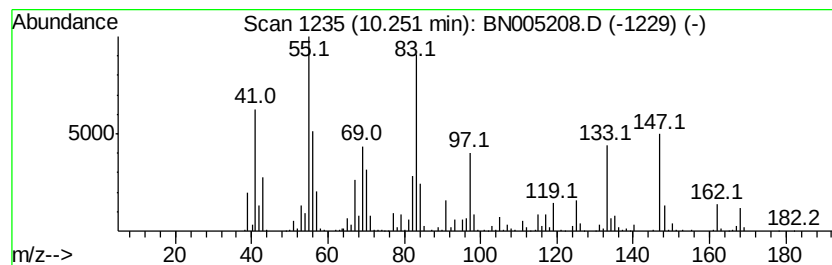
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic10.25 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	4.41 ng/ul	1889310	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	64
2			3-Dodecene, (E)-	168	C12H24	007239-23-8	42
3			4-Dodecene, (E)-	168	C12H24	007206-15-7	42
4			5-Dodecene, (E)-	168	C12H24	007206-16-8	38
5			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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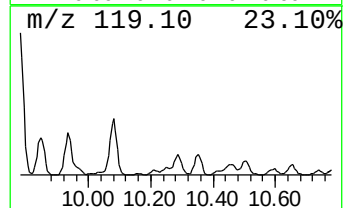
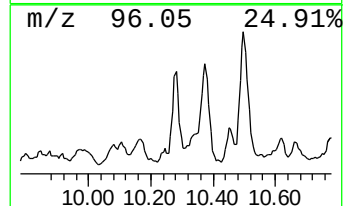
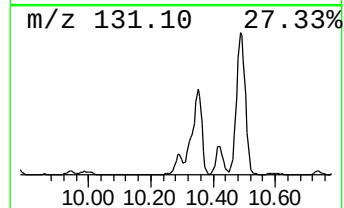
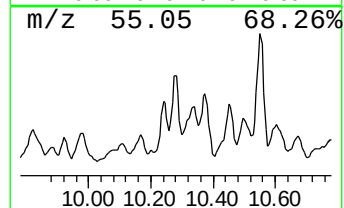
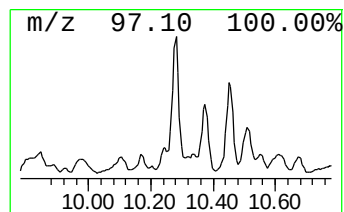
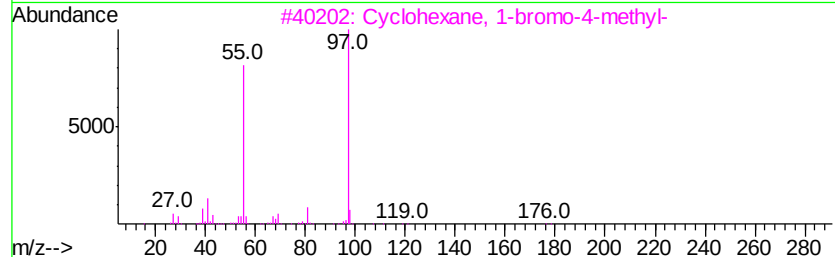
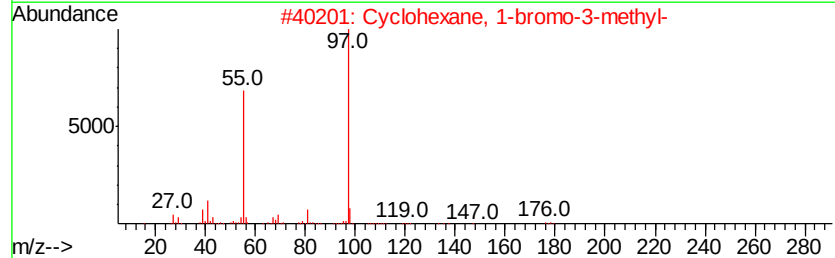
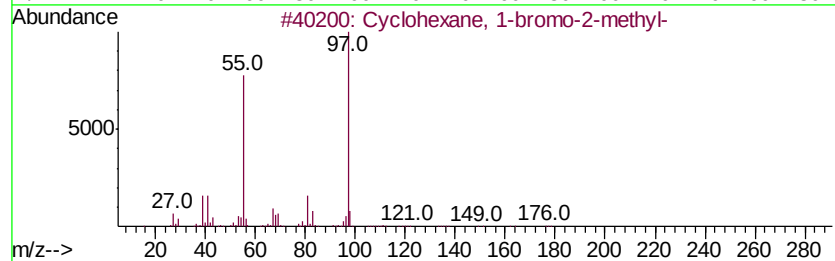
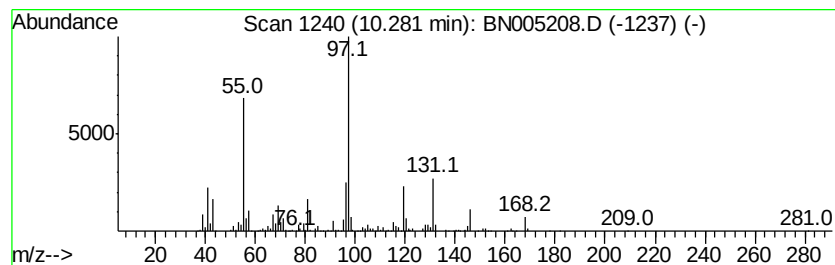
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 unknown-02 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	3.53 ng/ul	1512050	Napthalene-d8	10.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-bromo-2-methyl-	176 C7H13Br	006294-39-9 43
2		Cyclohexane, 1-bromo-3-methyl-	176 C7H13Br	013905-48-1 43
3		Cyclohexane, 1-bromo-4-methyl-	176 C7H13Br	006294-40-2 43
4		Cyclohexane, 1-methyl-2-pentyl-	168 C12H24	054411-01-7 41
5		Cycloheptane, bromo-	176 C7H13Br	002404-35-5 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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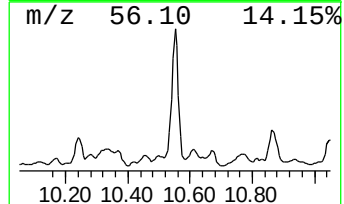
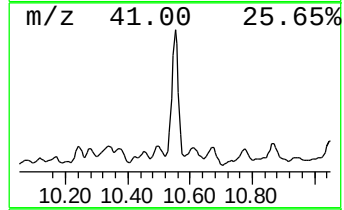
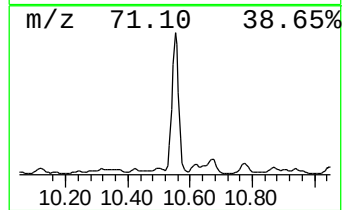
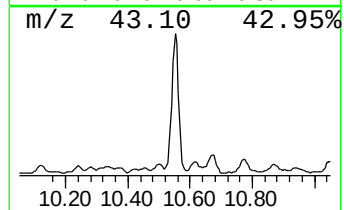
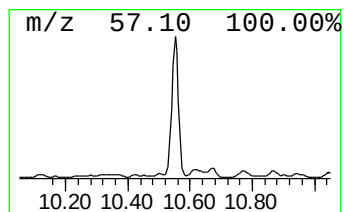
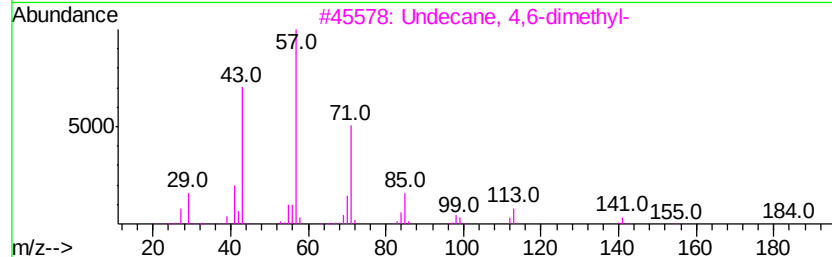
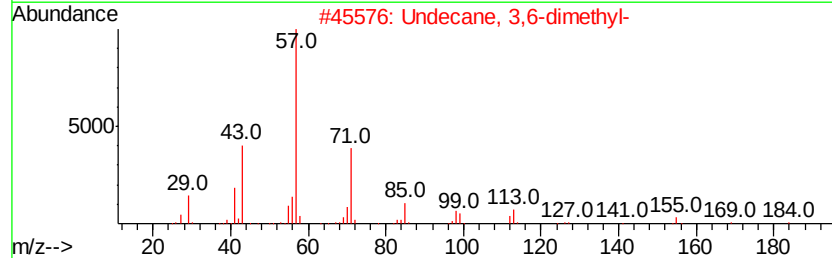
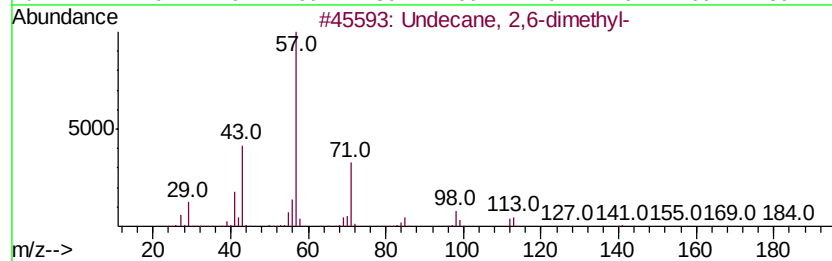
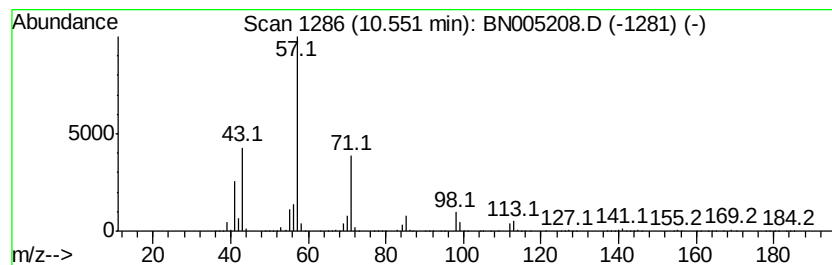
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	25.56 ng/ul	10953300	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	87
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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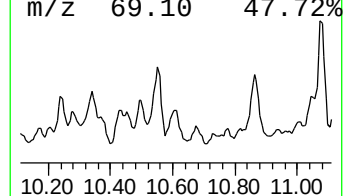
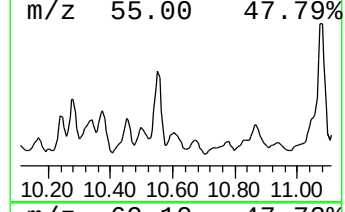
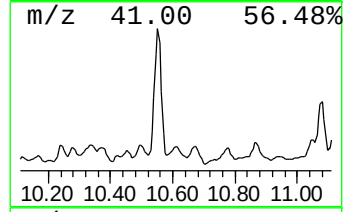
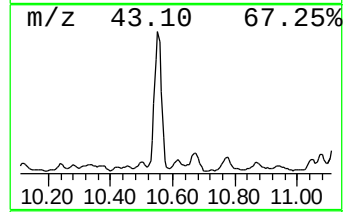
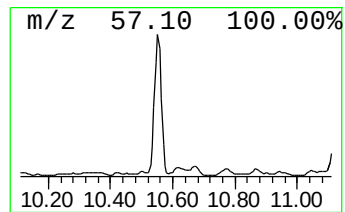
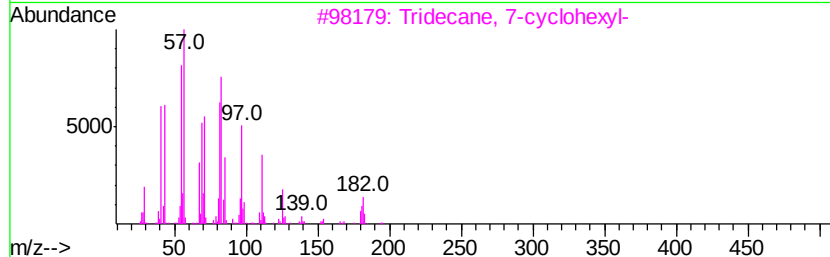
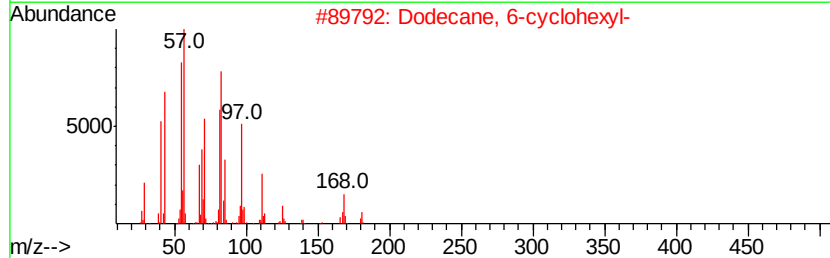
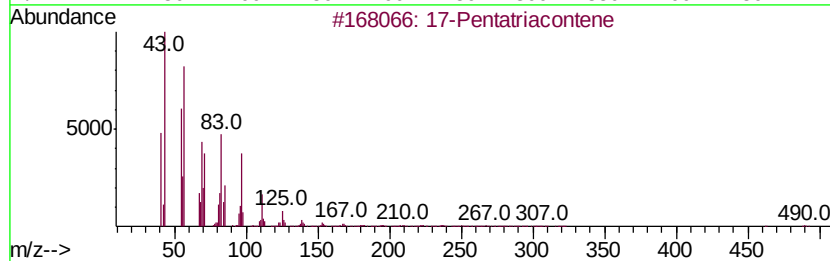
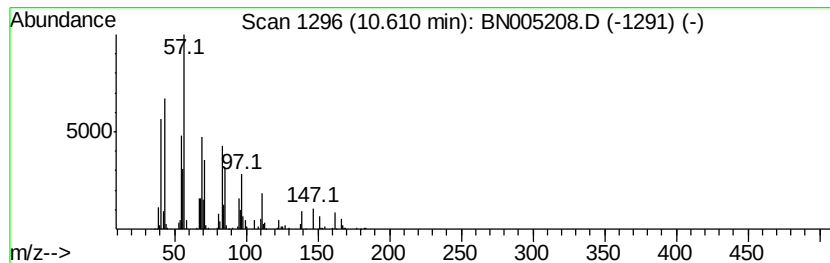
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Cyclic10.61 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	3.82 ng/ul	1638330	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	64
2		Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	64
3		Tridecane, 7-cyclohexyl-	266	C19H38	013151-92-3	53
4		Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	50
5		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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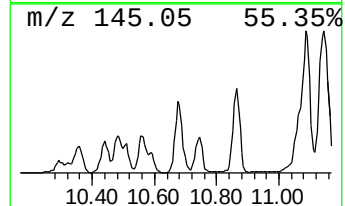
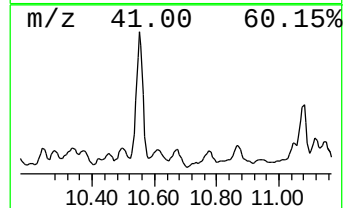
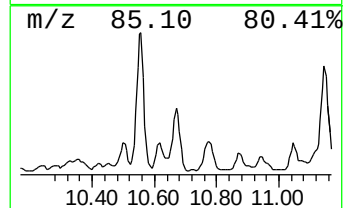
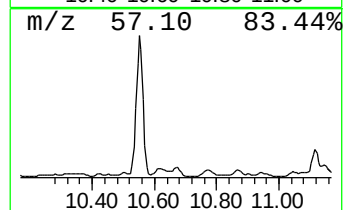
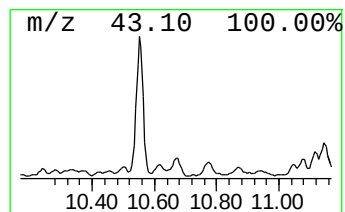
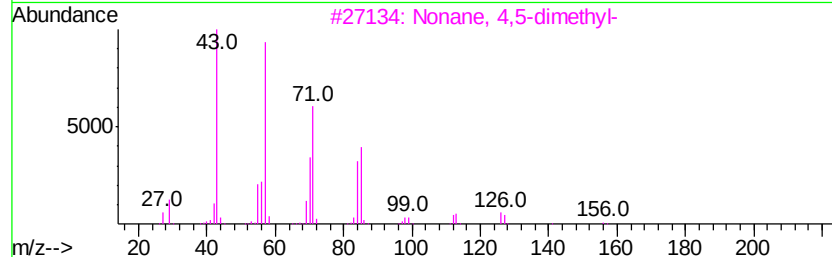
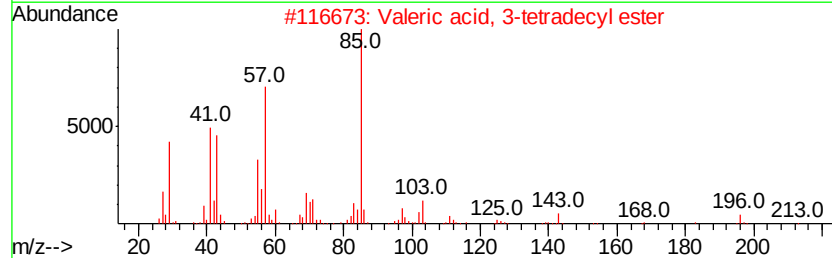
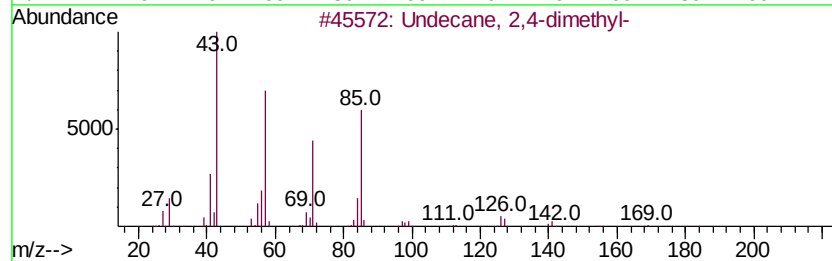
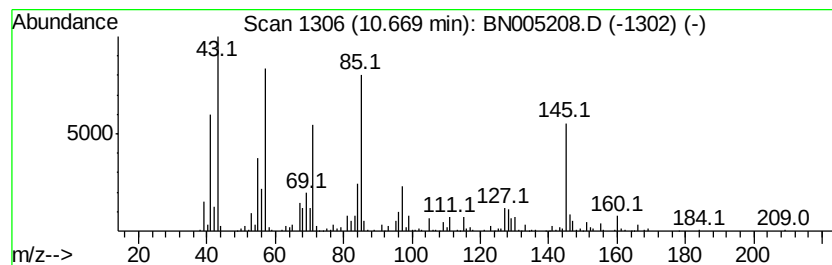
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	5.04 ng/ul	2160120	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	52
2			Valeric acid, 3-tetradecyl ester	298	C19H38O2	1000281-99-1	38
3			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38
4			2-Butyl-1,2-oxaborolane	126	C7H15BO	005357-13-1	35
5			4-Octanone	128	C8H16O	000589-63-9	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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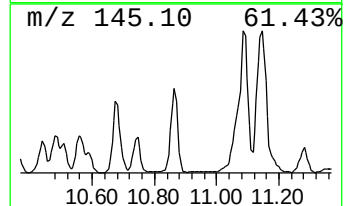
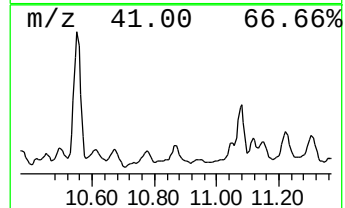
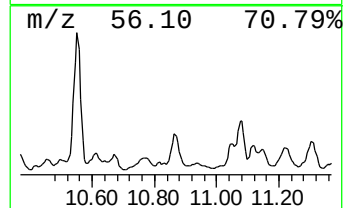
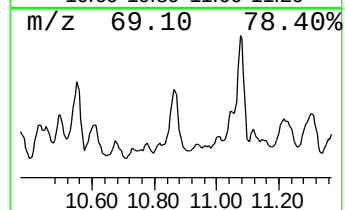
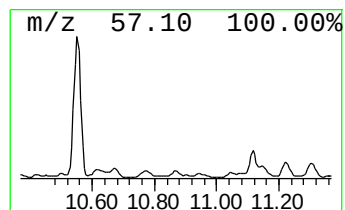
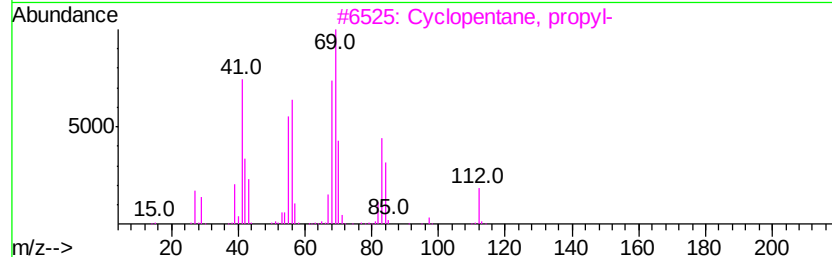
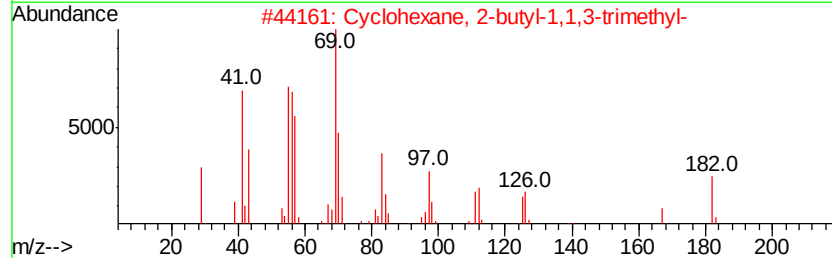
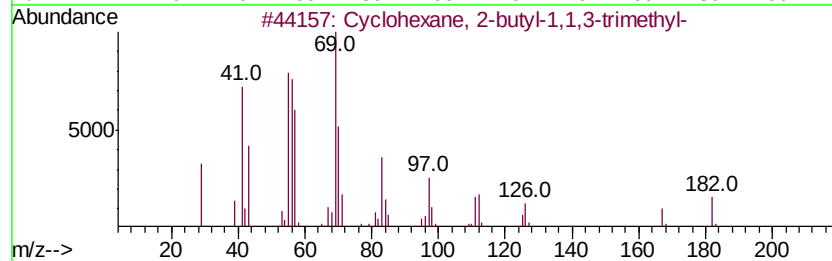
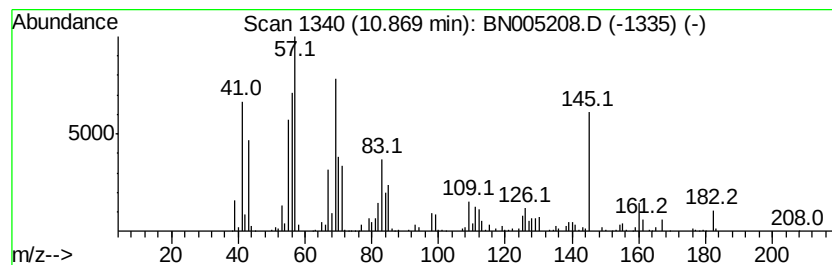
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Cyclic10.87 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	4.53 ng/ul	1940920	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	70
3		Cyclopentane, propyl-	112	C8H16	002040-96-2	64
4		Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	60
5		6-Tridecene, (Z)-	182	C13H26	006508-77-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampled :
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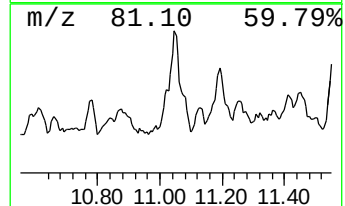
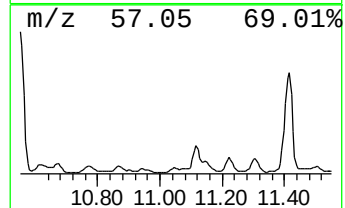
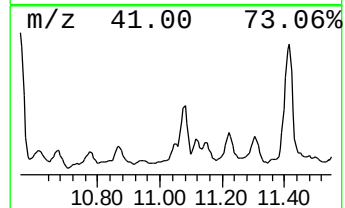
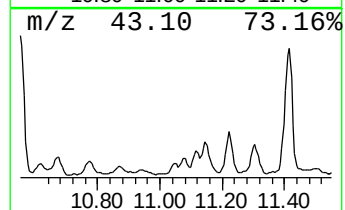
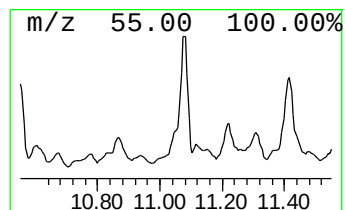
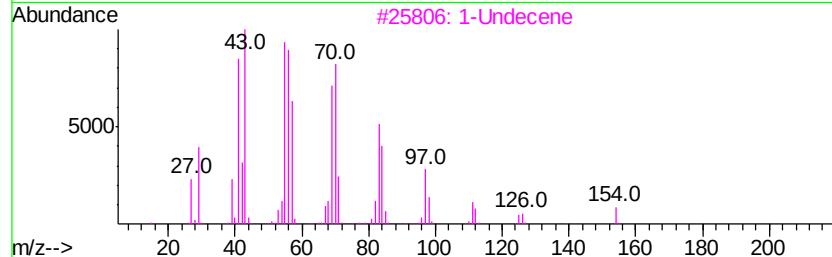
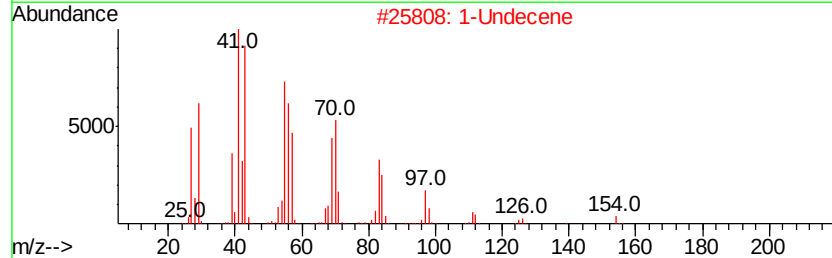
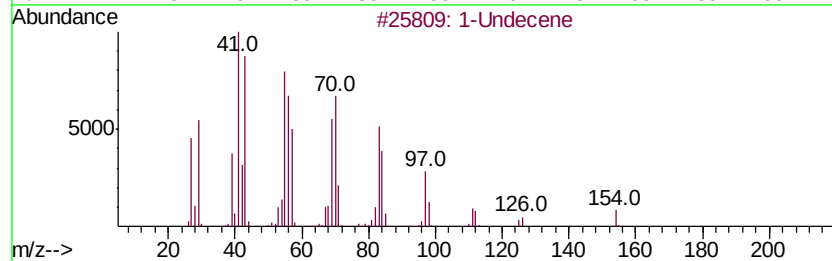
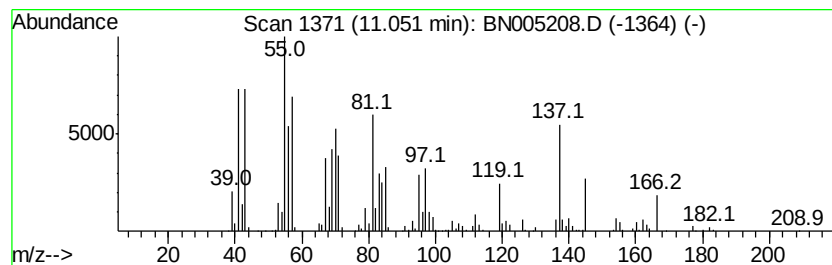
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Cyclic11.05 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	5.85 ng/ul	2505150	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Undecene	154	C11H22	000821-95-4	38
2			1-Undecene	154	C11H22	000821-95-4	38
3			1-Undecene	154	C11H22	000821-95-4	30
4			4-Undecene, (E)-	154	C11H22	000693-62-9	30
5			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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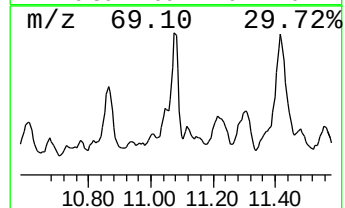
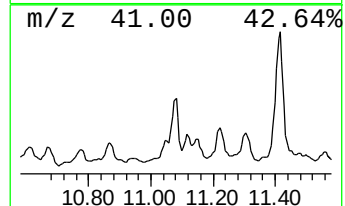
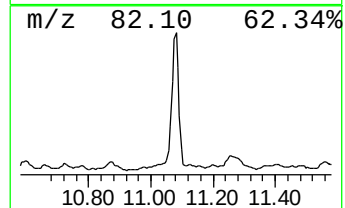
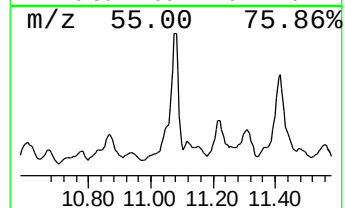
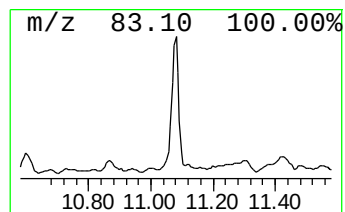
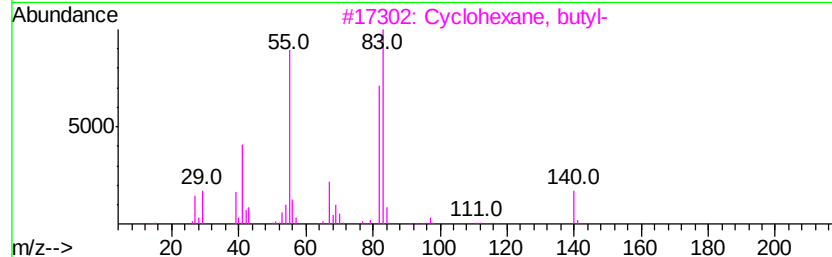
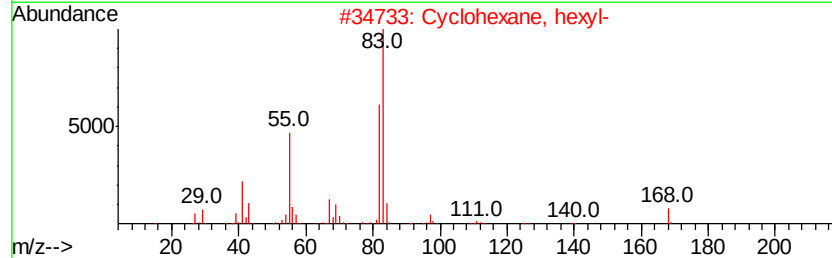
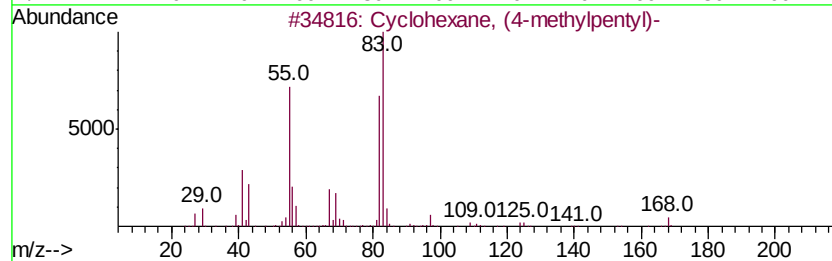
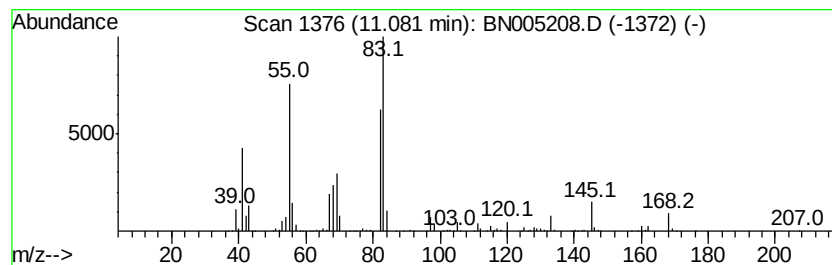
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Cyclic11.08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	13.40 ng/ul	5743260	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

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ClientSampleId :
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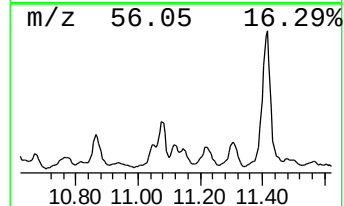
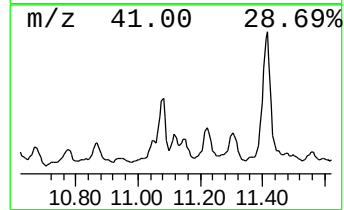
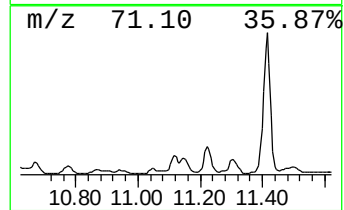
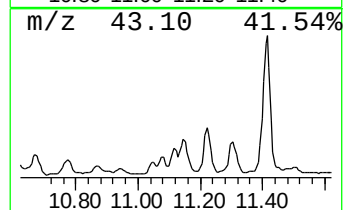
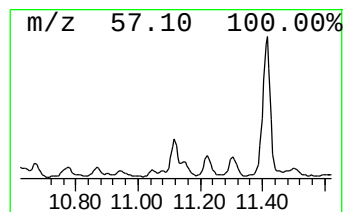
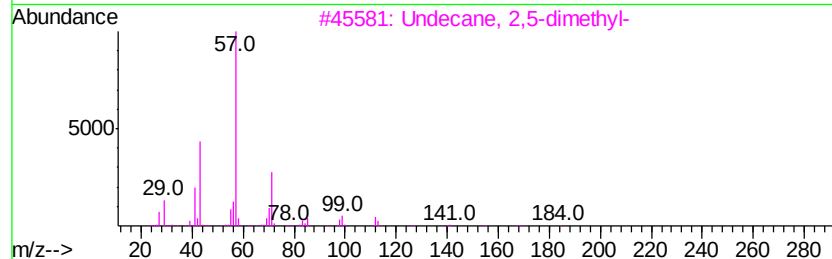
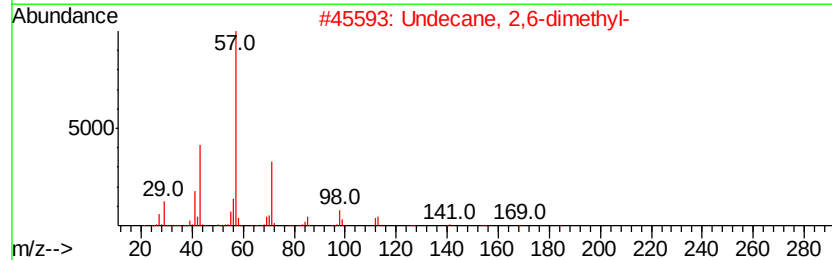
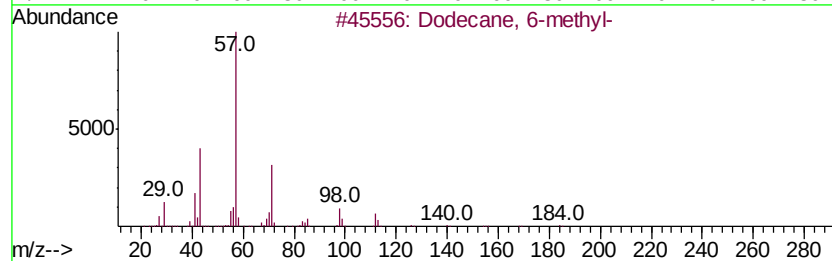
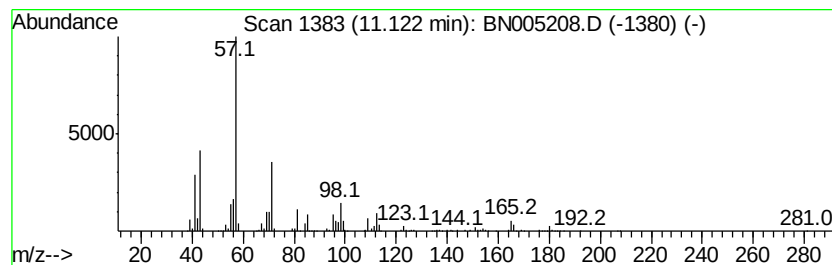
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.79 ng/ul	1623690	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 6-methyl-	184	C13H28	006044-71-9	93
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	53
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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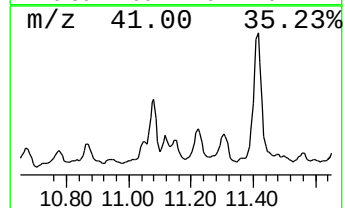
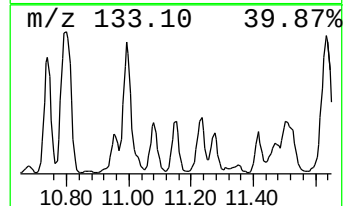
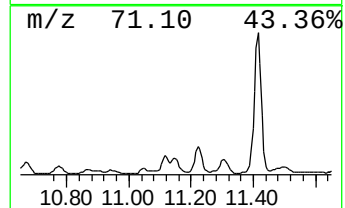
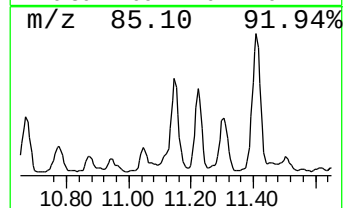
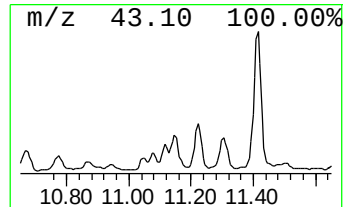
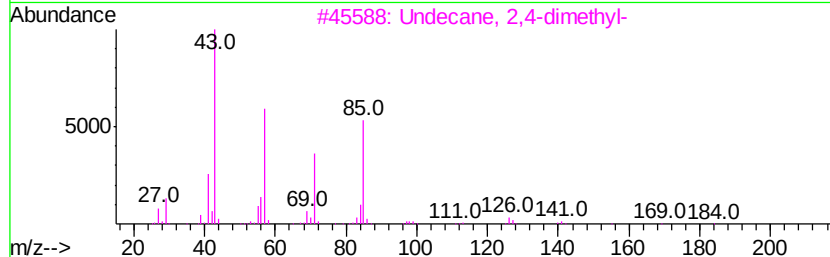
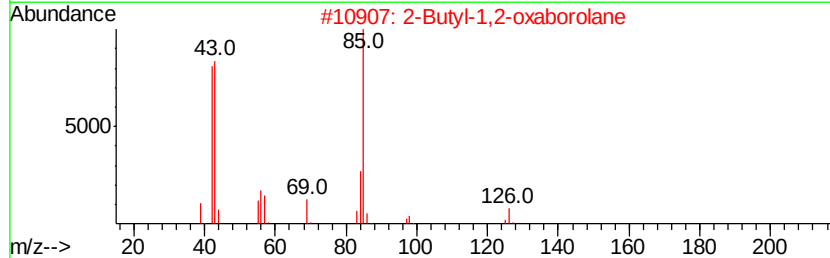
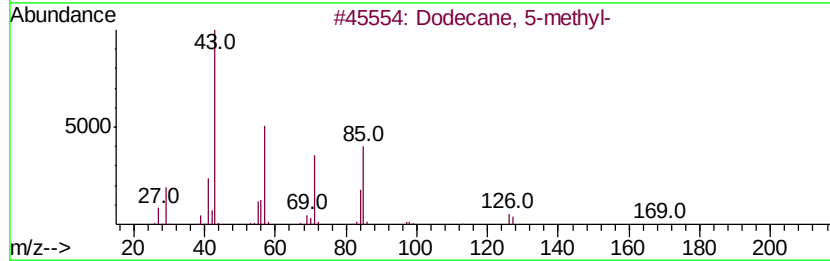
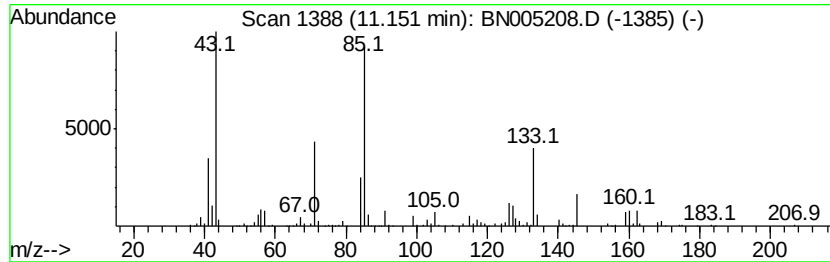
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	5.00 ng/ul	2143230	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	43
2		2-Butyl-1,2-oxaborolane	126	C7H15BO	005357-13-1	38
3		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	37
4		Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	35
5		Octane, 4-methyl-	128	C9H20	002216-34-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Misc :
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Instrument :
BNA_N
ClientSampleId :
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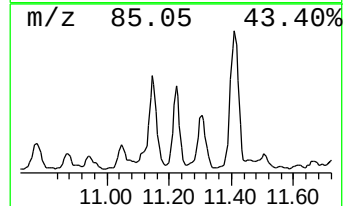
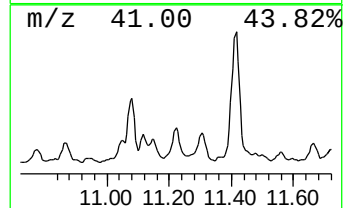
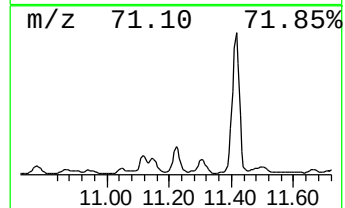
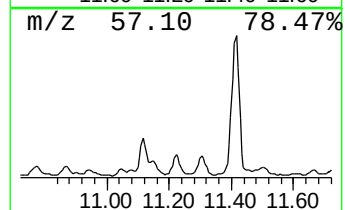
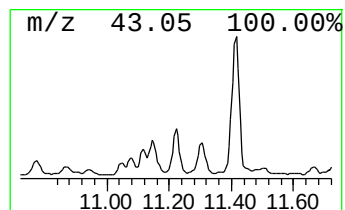
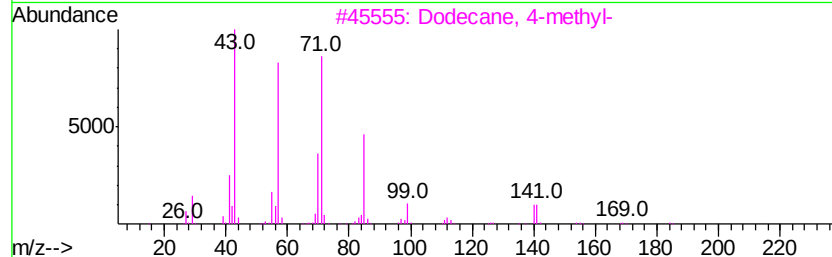
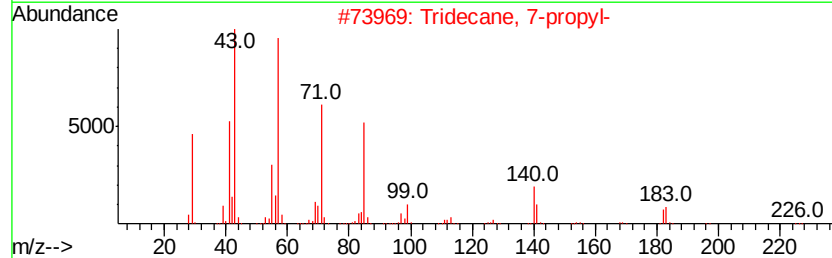
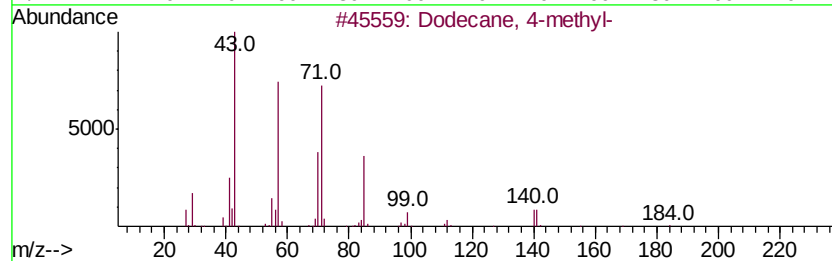
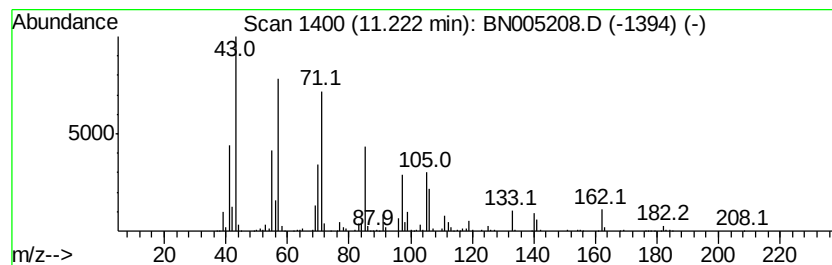
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	8.78 ng/ul	3761770	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	50
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	43
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	43
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	35
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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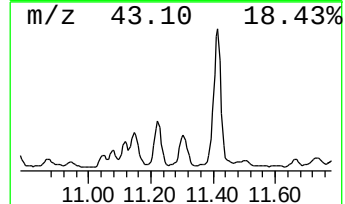
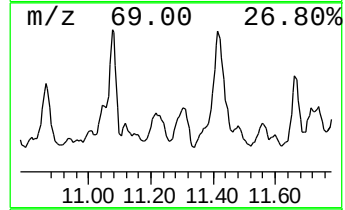
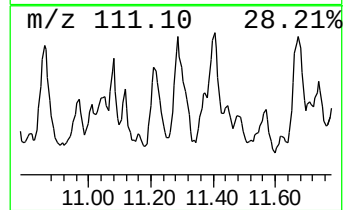
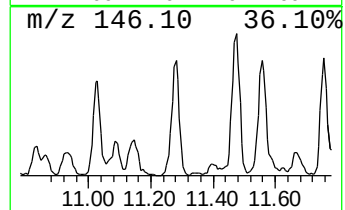
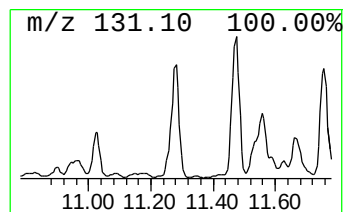
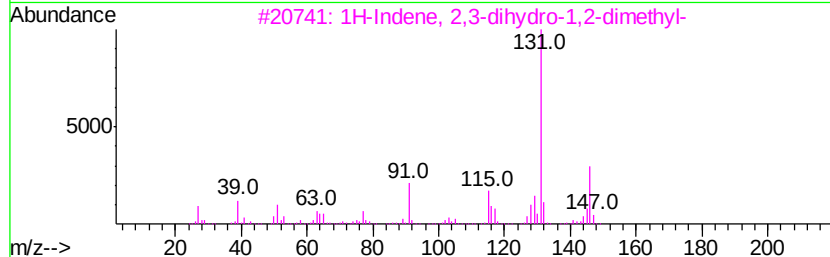
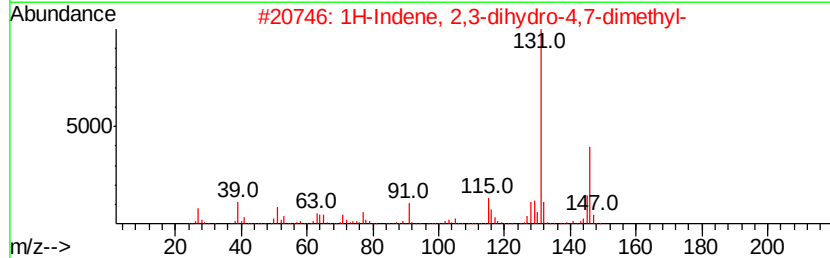
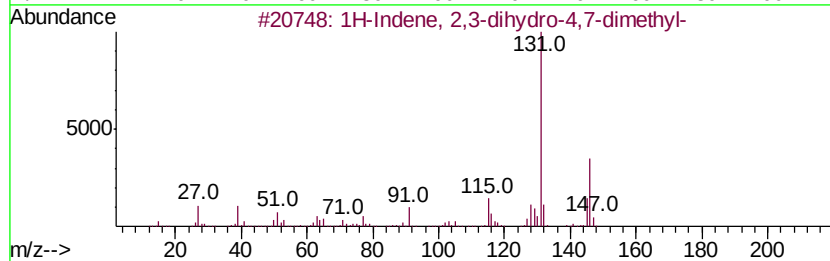
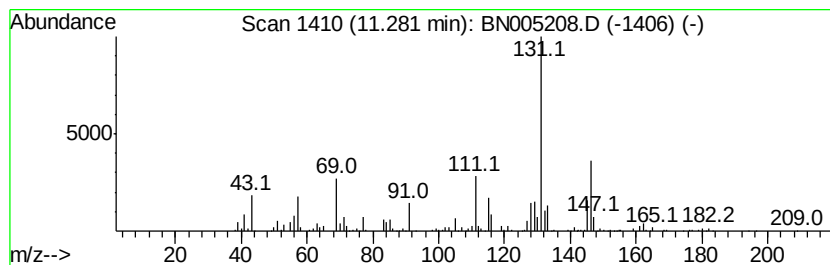
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	2.93 ng/ul	1256230	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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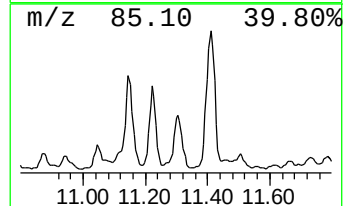
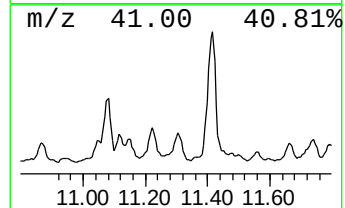
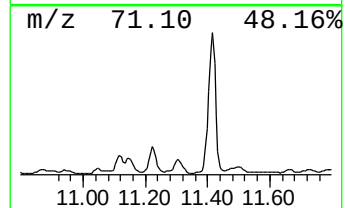
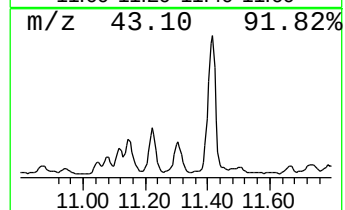
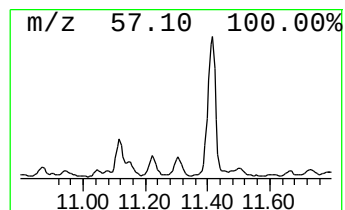
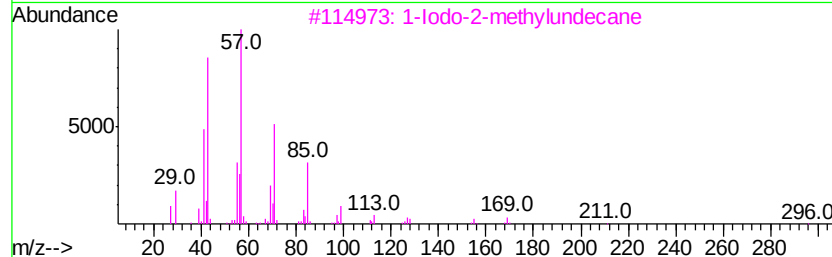
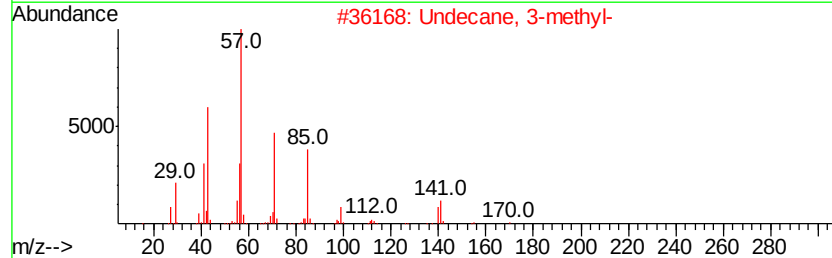
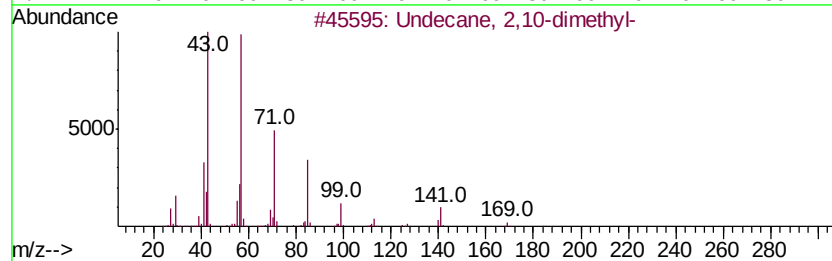
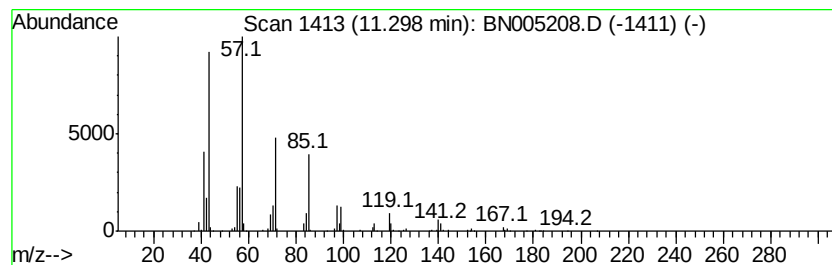
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	5.31 ng/ul	2275050	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	70
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	58
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	58
4		Hexadecane	226	C16H34	000544-76-3	52
5		Decane	142	C10H22	000124-18-5	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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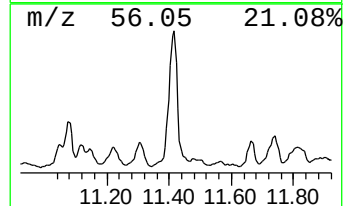
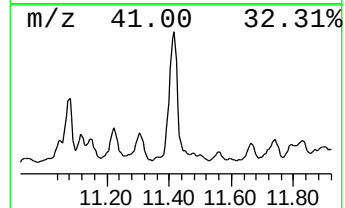
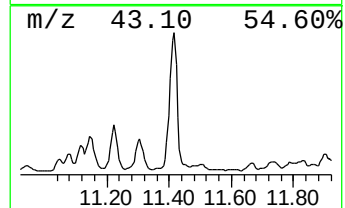
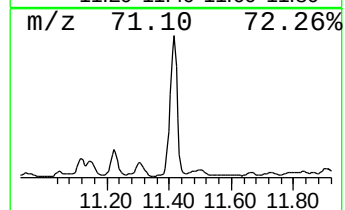
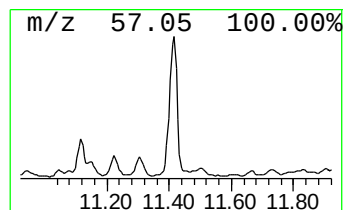
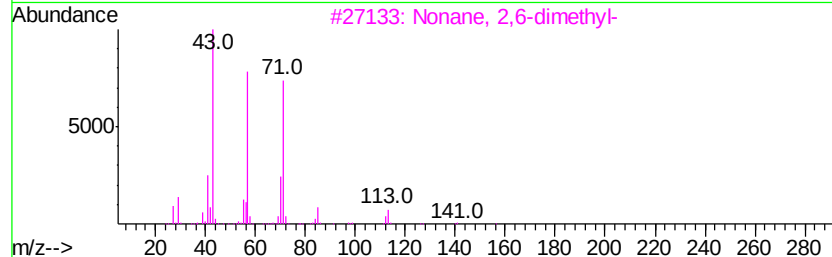
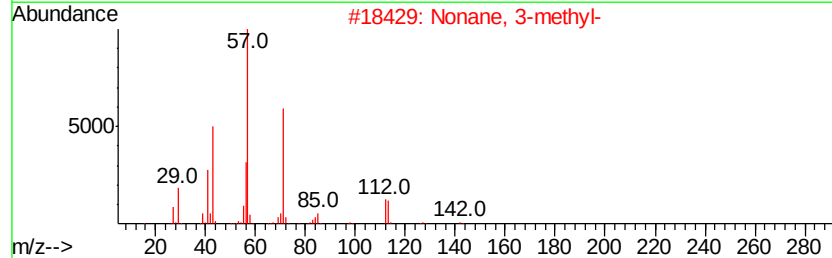
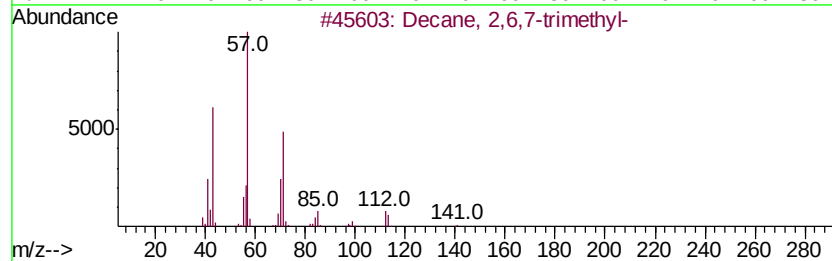
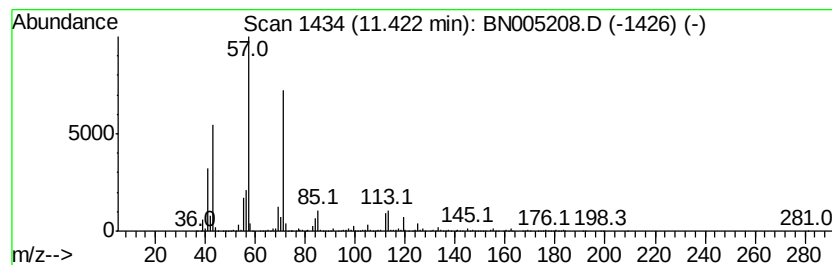
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	31.67 ng/ul	13571200	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	90
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
4		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampled :
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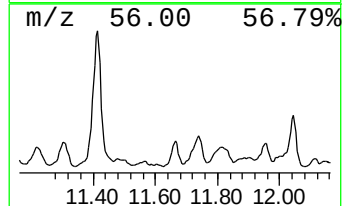
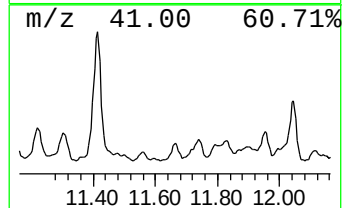
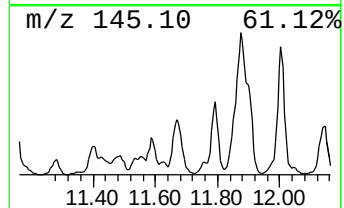
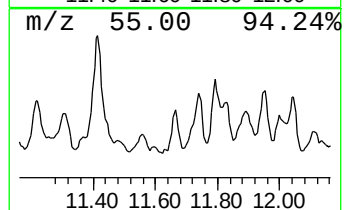
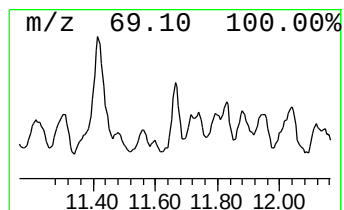
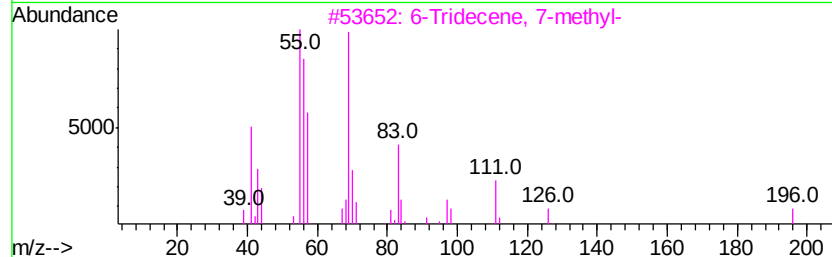
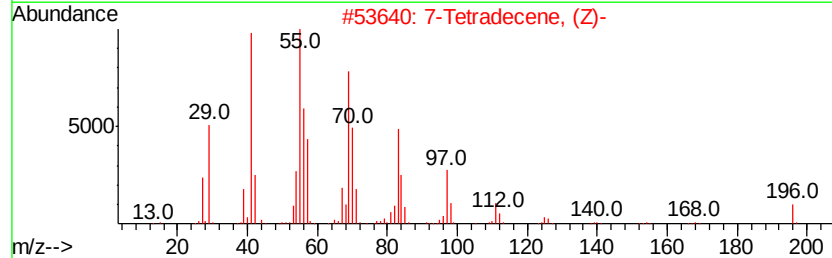
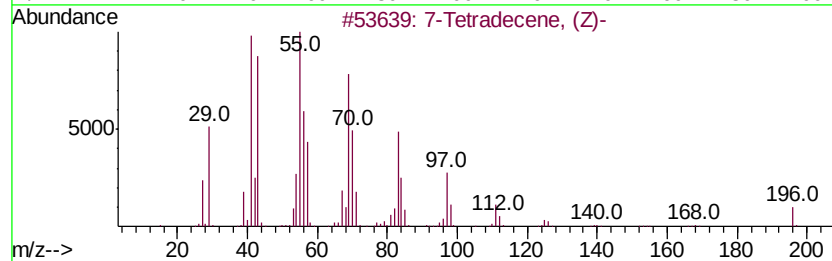
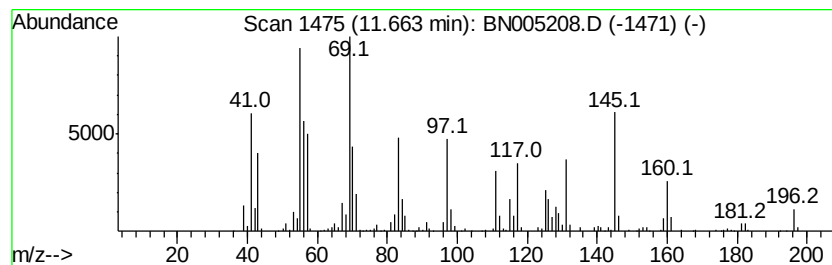
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Cyclic11.66 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	3.75 ng/ul	1607120	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	64
2		7-Tetradecene, (Z)-	196	C14H28	041446-60-0	64
3		6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	64
4		7-Tetradecene, (E)-	196	C14H28	041446-63-3	64
5		5-Tetradecene, (E)-	196	C14H28	041446-66-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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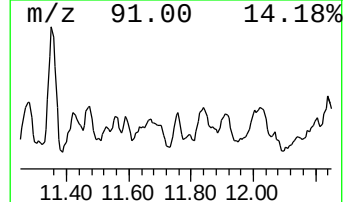
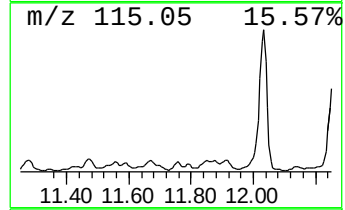
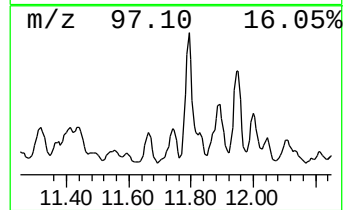
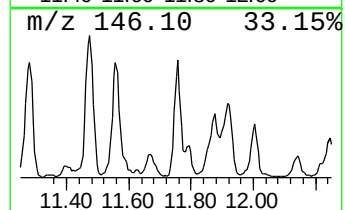
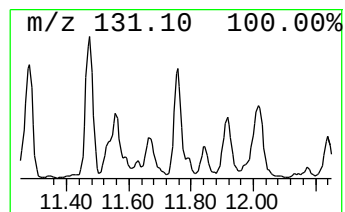
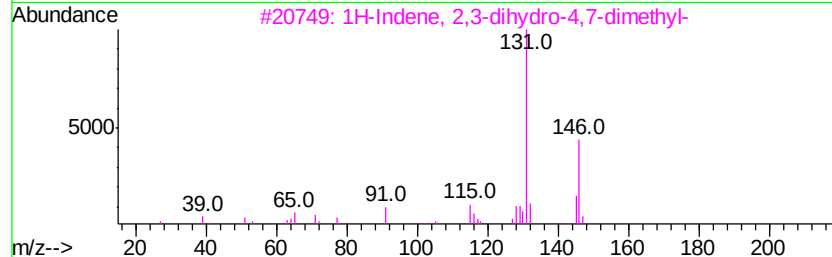
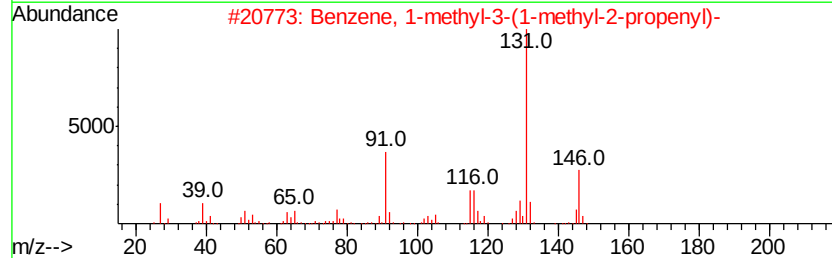
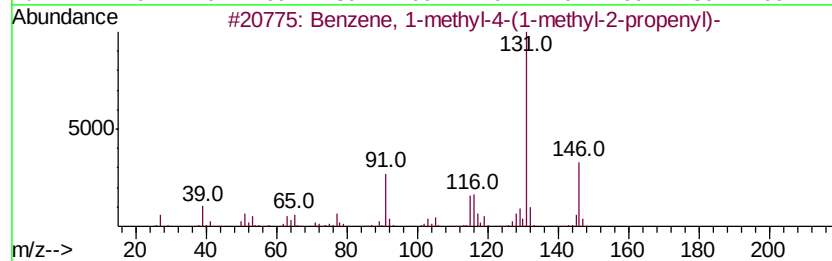
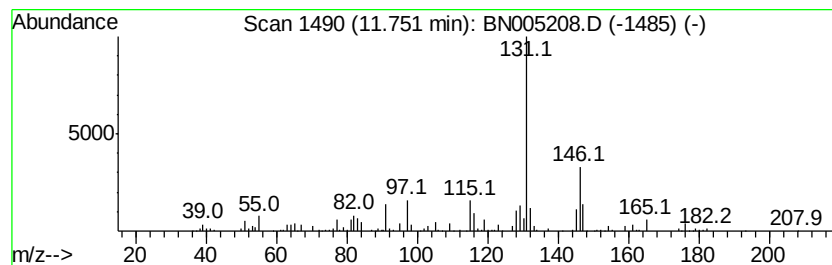
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 Benzene, 1-methyl-4-(1-meth... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.65 ng/ul	1566020	Naphthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	55
2			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	55
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR8DL

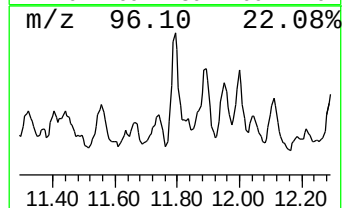
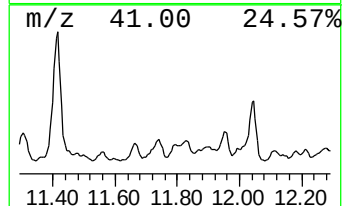
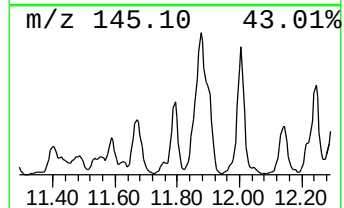
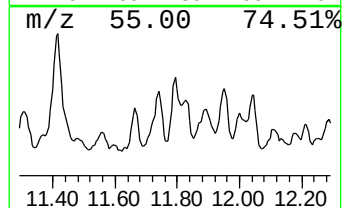
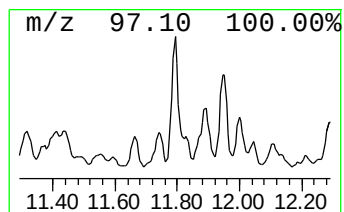
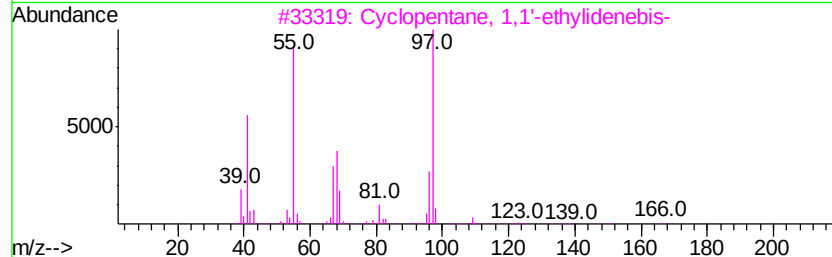
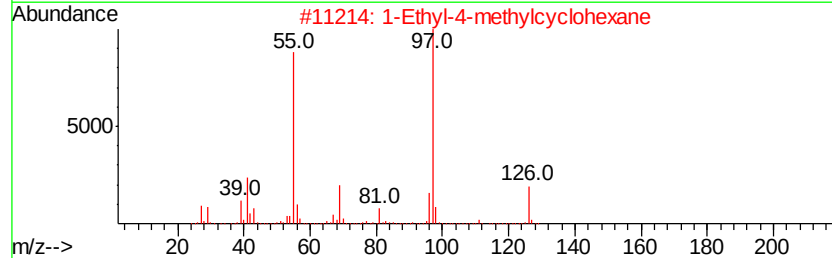
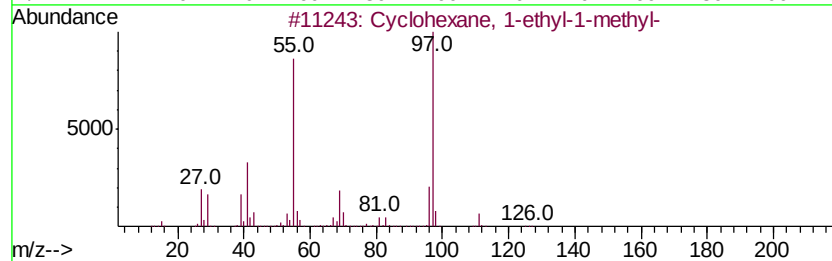
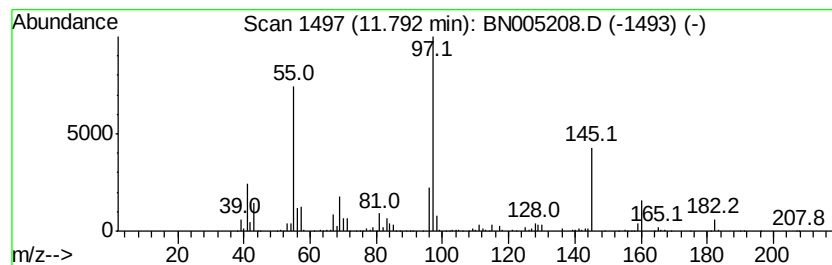
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Cyclic11.79 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.93 ng/ul	1685740	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	50
3		Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	50
4		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	50
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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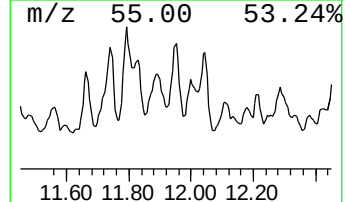
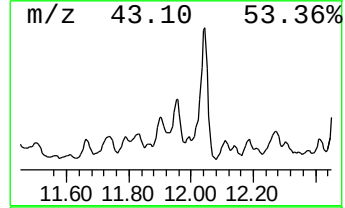
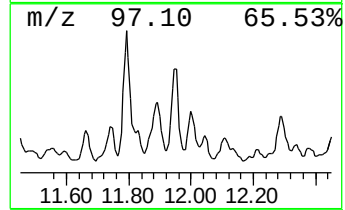
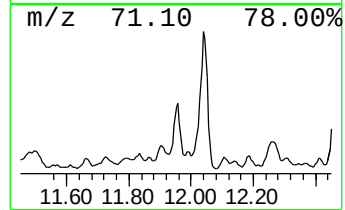
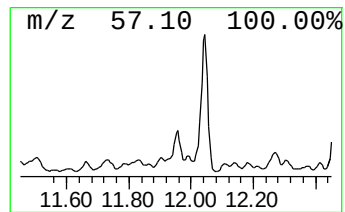
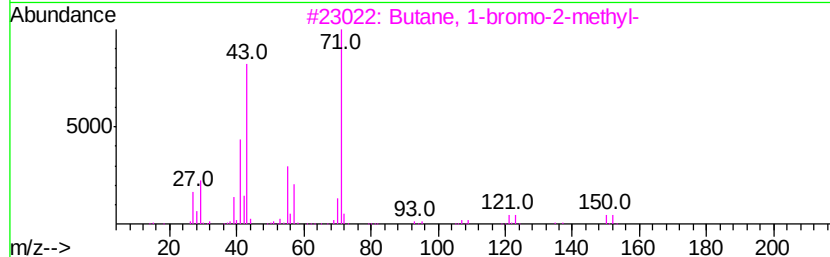
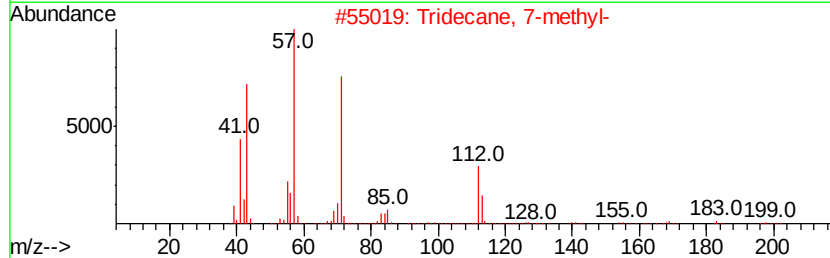
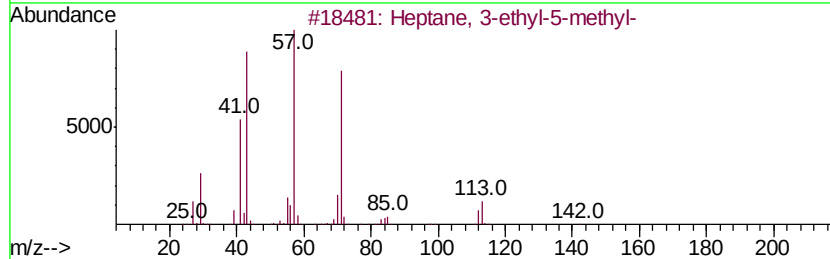
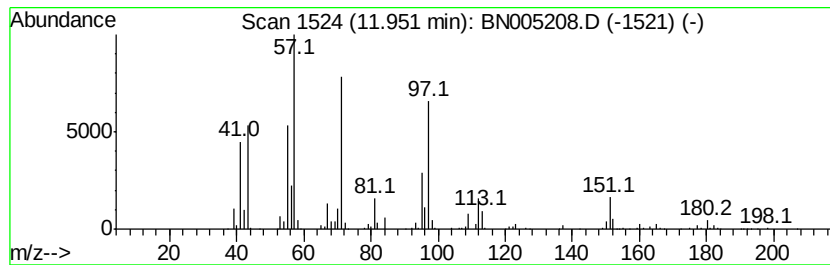
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.95 ng/ul	1694450	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	38
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	35
3		Butane, 1-bromo-2-methyl-	150	C5H11Br	010422-35-2	30
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	27
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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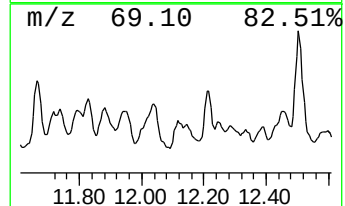
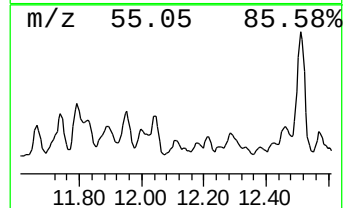
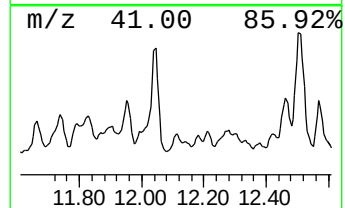
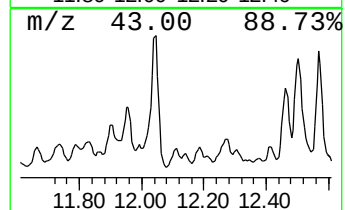
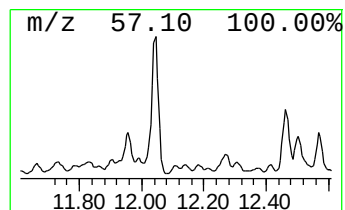
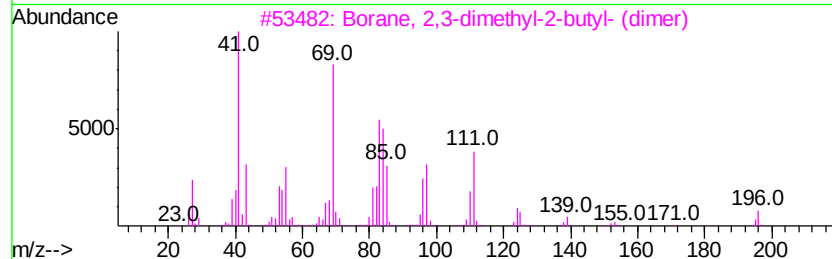
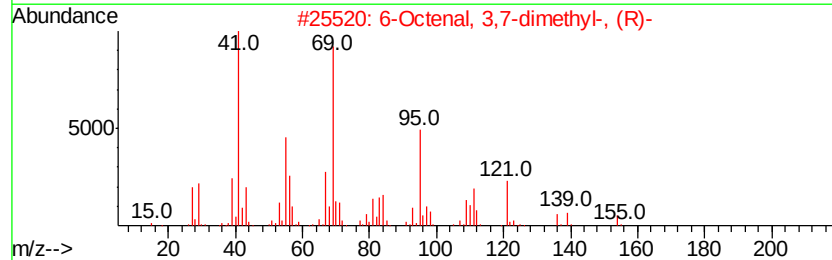
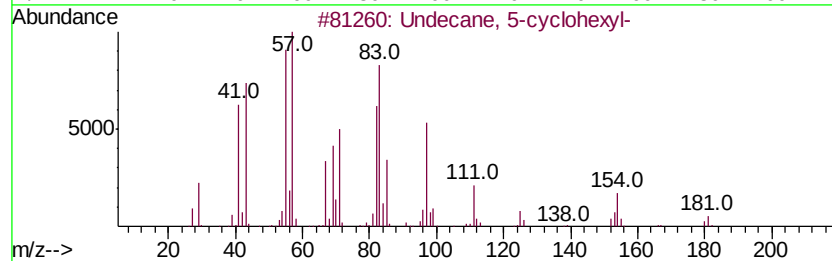
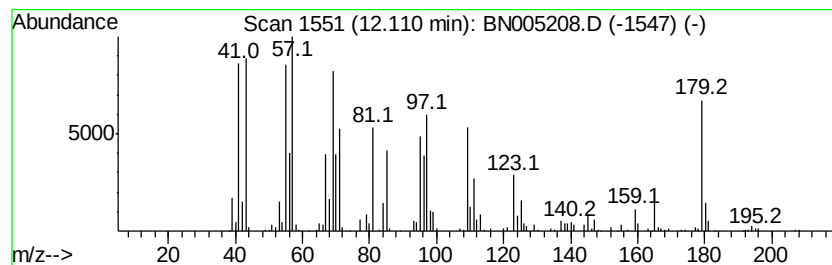
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Cyclic12.11 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.60 ng/ul	1115400	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-cyclohexyl-	238	C17H34	013151-80-9	25
2		6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	22
3		Borane, 2,3-dimethyl-2-butyl- (d...	196	C12H30B2	1000159-64-3	22
4		Bicyclo[2.2.2]octan-1-amine	125	C8H15N	001193-42-6	18
5		17-Pentatriacontene	491	C35H70	006971-40-0	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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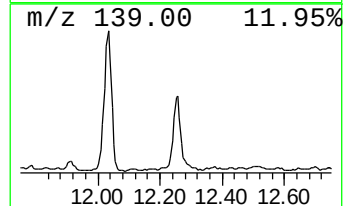
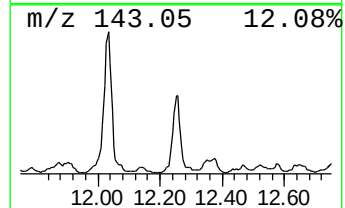
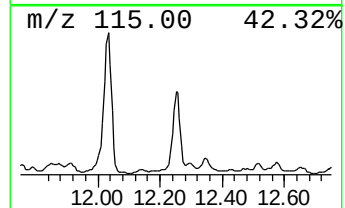
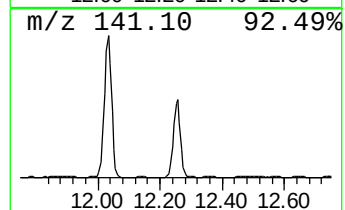
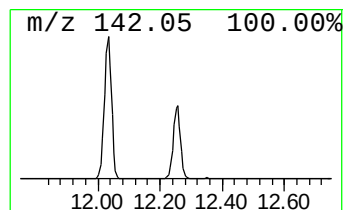
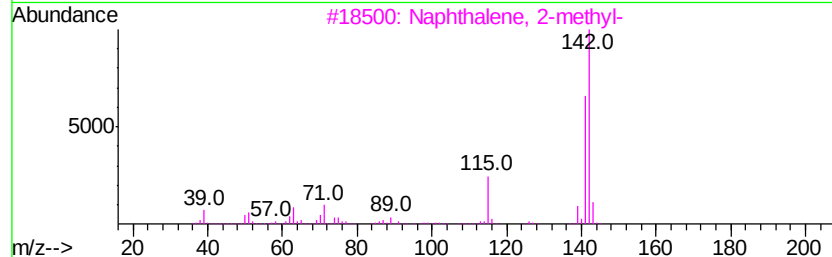
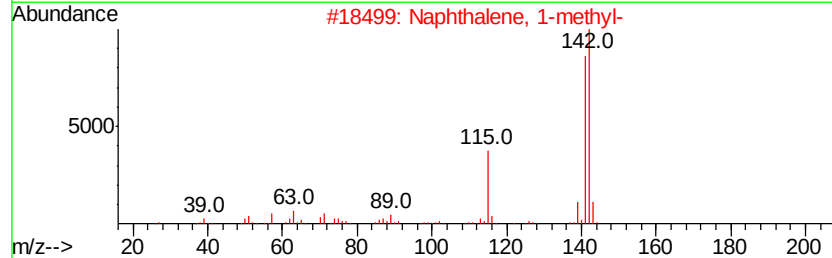
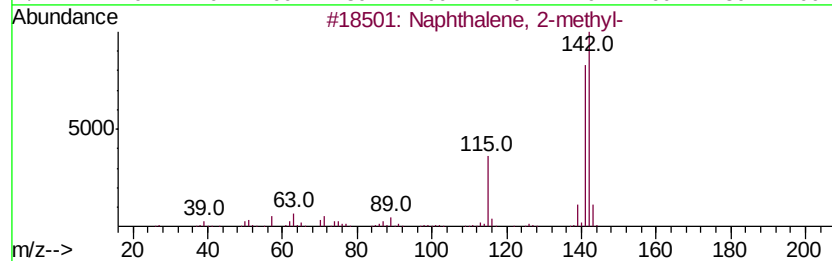
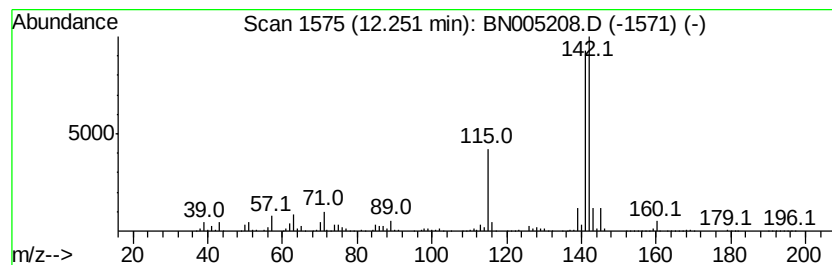
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	8.61 ng/ul	3690210	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4		Benzocycloheptatriene	142	C11H10	000264-09-5	93
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
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Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

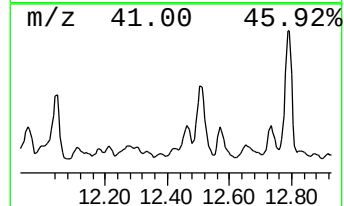
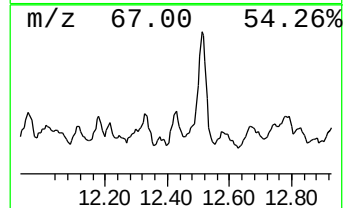
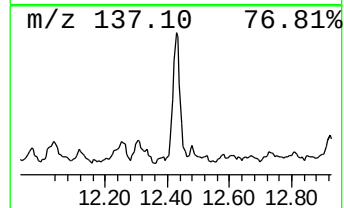
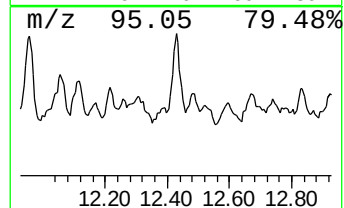
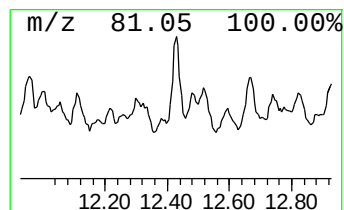
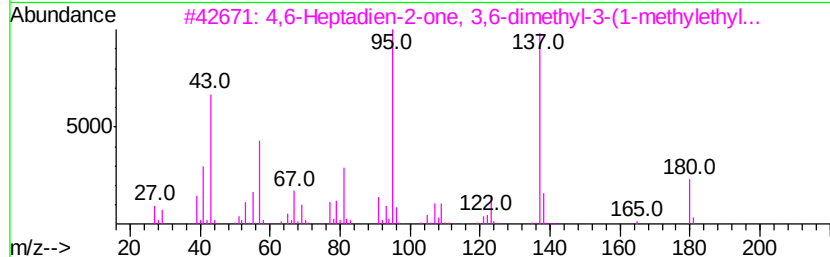
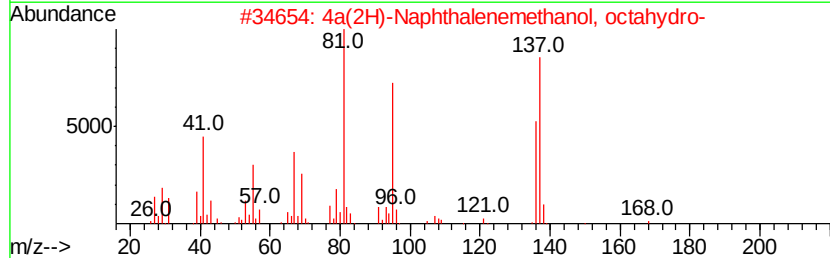
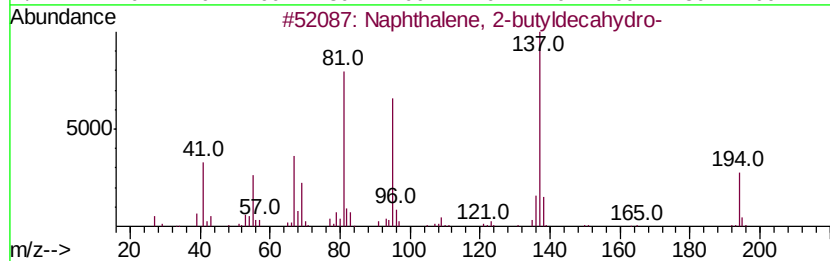
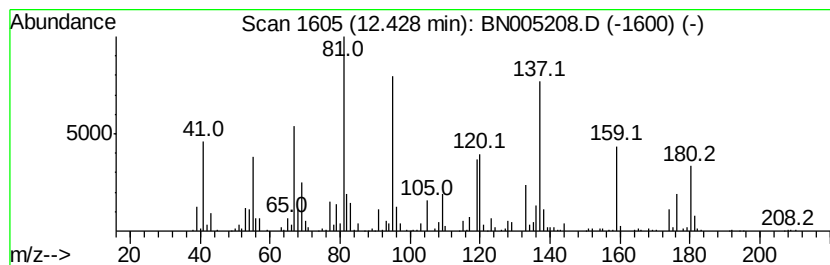
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ClientSampleID :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 Naphthalene, 2-butyldcahydro- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.19 ng/ul	1241310	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-butyldcahydro-	194 C14H26	006305-52-8 52
2		4a(2H)-Naphthalenemethanol, octa...	168 C11H20O	099992-19-5 49
3		4,6-Heptadien-2-one, 3,6-dimethv...	180 C12H20O	077822-50-5 30
4		cis,cis-2,8-Dimethylspiro[5.5]un...	180 C13H24	095530-75-9 30
5		Cyclohexanol, 1-ethynyl-	124 C8H12O	000078-27-3 30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Misc :
ALS Vial : 44 Sample Multiplier: 1

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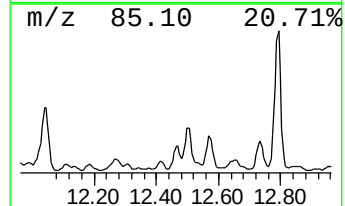
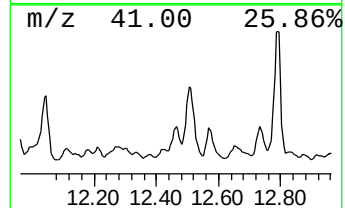
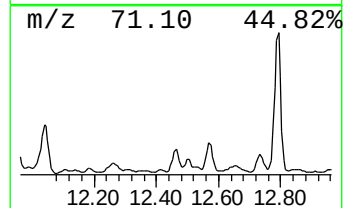
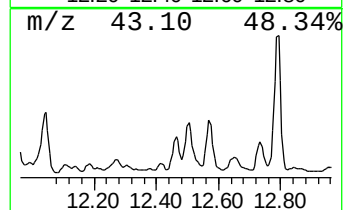
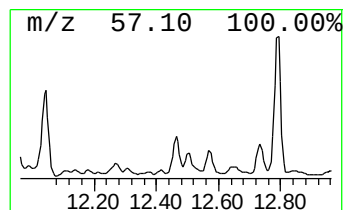
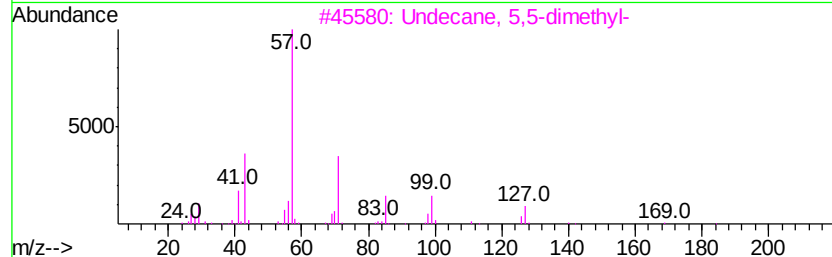
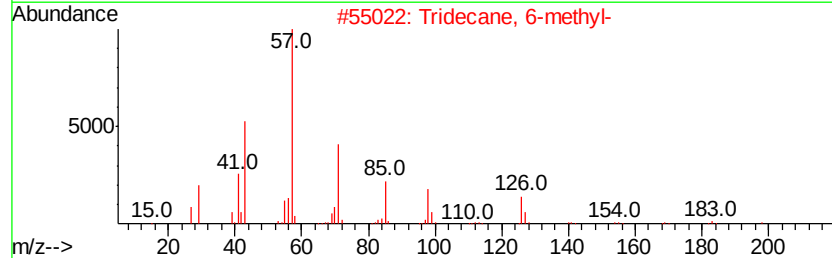
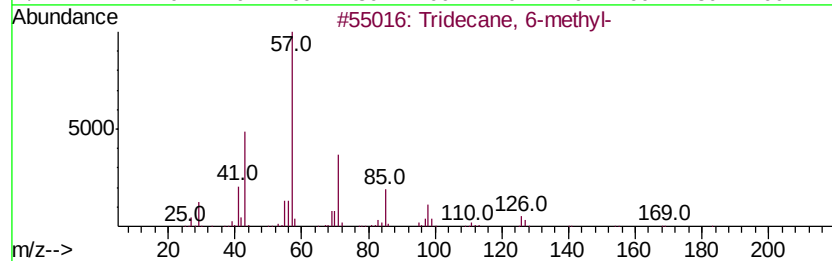
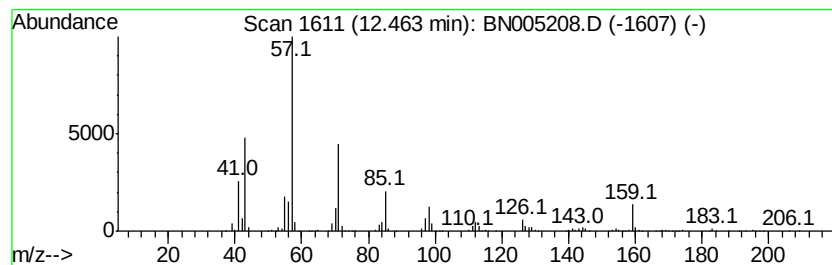
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	6.11 ng/ul	2379170	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
3		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	53
4		Dodecane	170	C12H26	000112-40-3	53
5		Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Sample : K2455-18DL 2X
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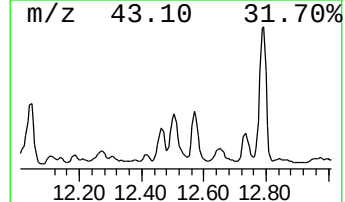
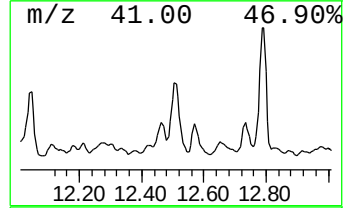
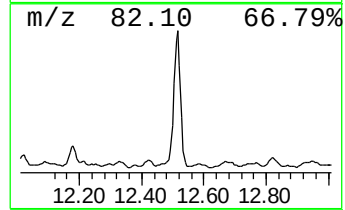
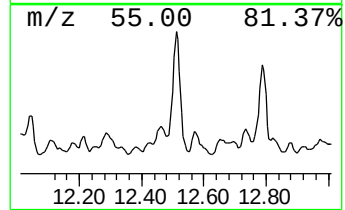
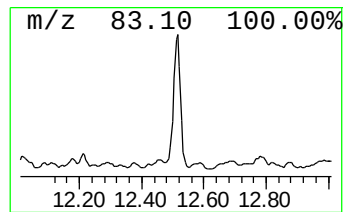
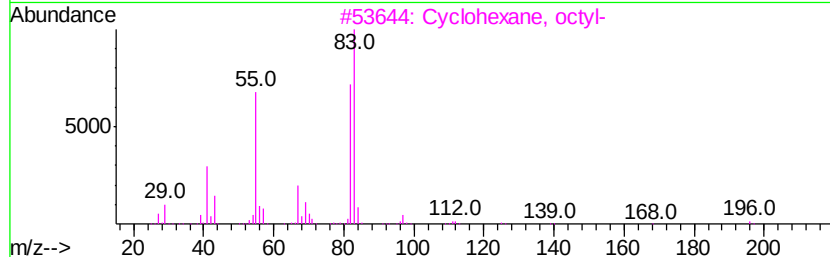
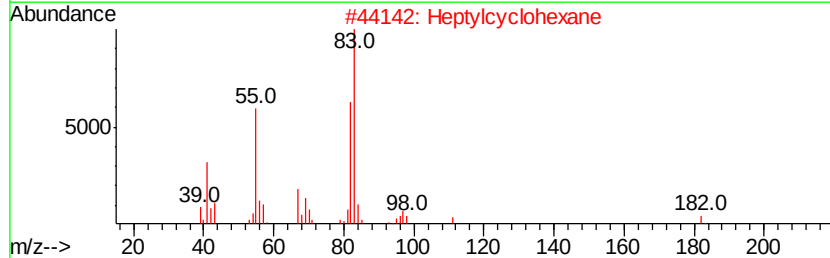
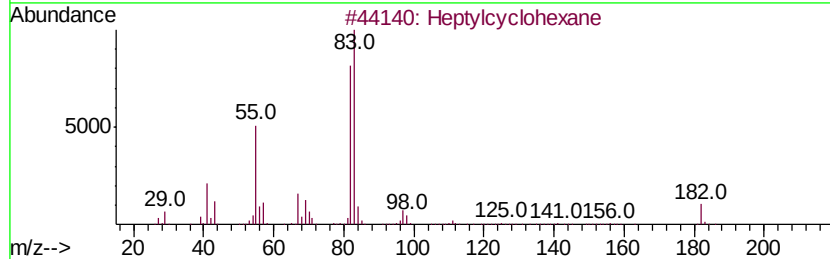
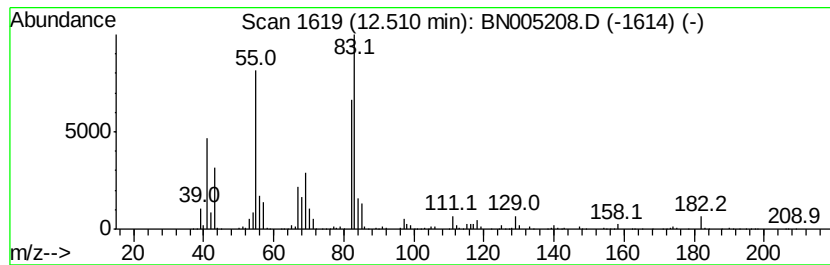
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BNA_N
ClientSampleId :
GAHR8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Cyclic12.51 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	16.10 ng/ul	6265470	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptylcyclohexane	182 C13H26	005617-41-4 87
2		Heptylcyclohexane	182 C13H26	005617-41-4 86
3		Cyclohexane, octyl-	196 C14H28	001795-15-9 80
4		Cyclohexane, butyl-	140 C10H20	001678-93-9 72
5		Cyclohexane, pentyl-	154 C11H22	004292-92-6 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR8DL

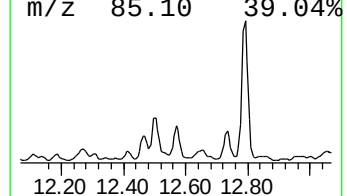
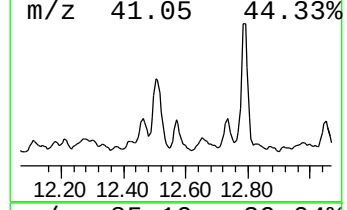
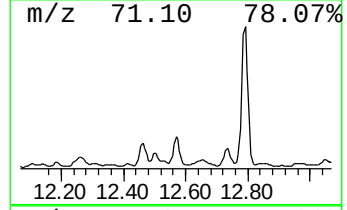
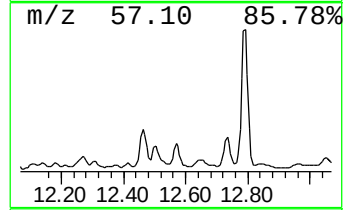
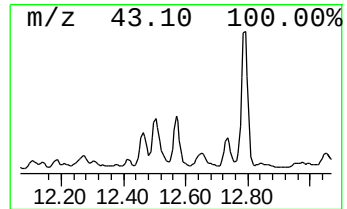
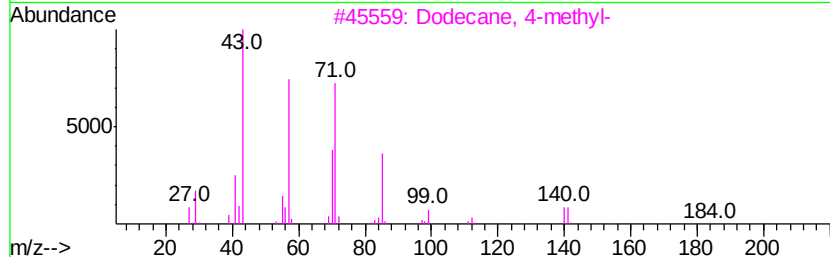
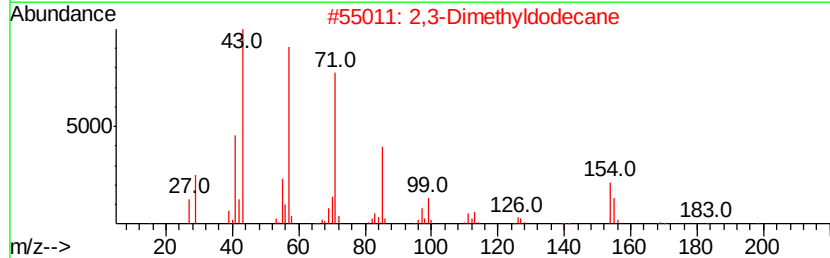
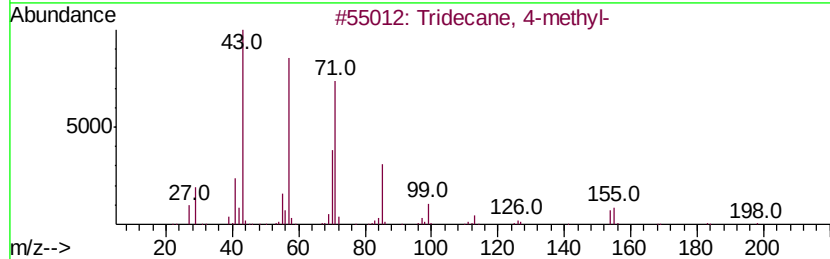
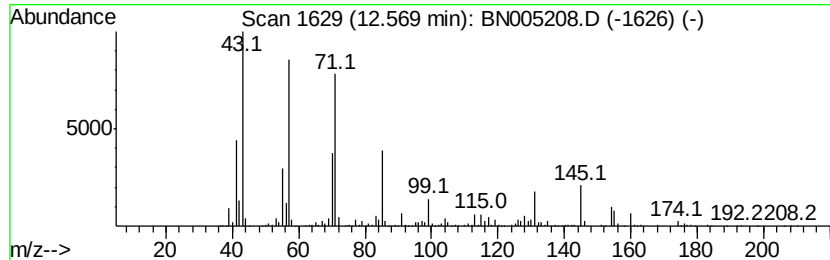
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	9.19 ng/ul	3574540	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
2		2,3-Dimethyldodecane	198	C14H30	006117-98-2	70
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

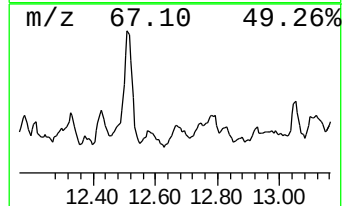
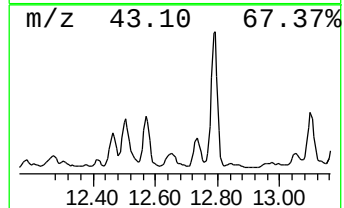
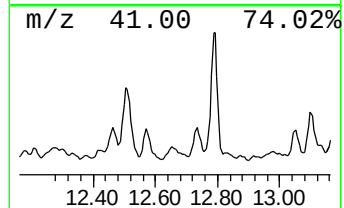
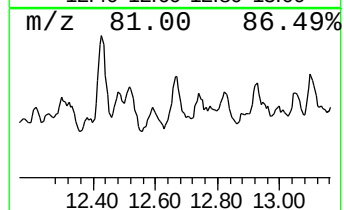
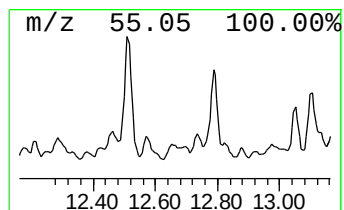
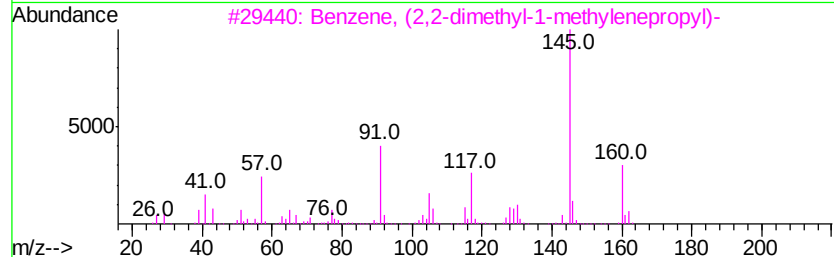
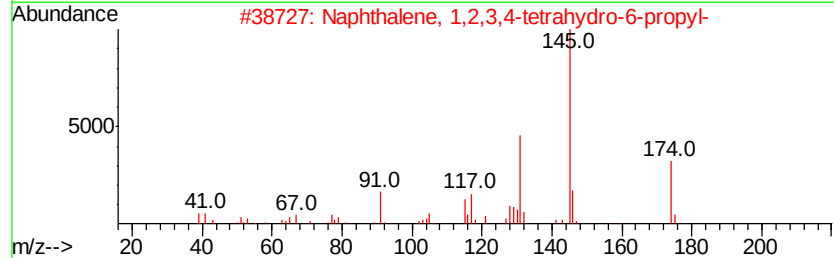
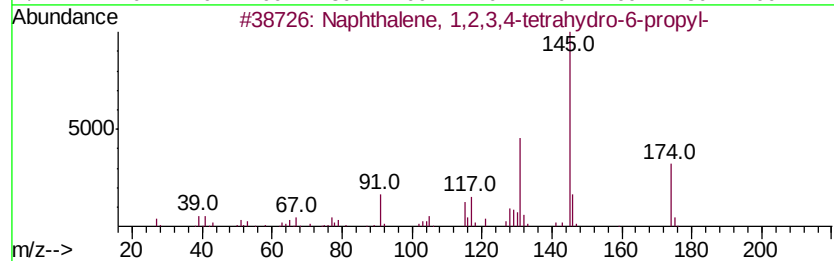
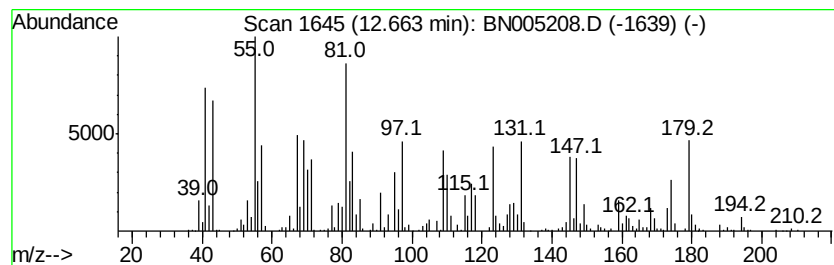
Instrument :
BNA_N
ClientSampleID :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 unknown-03 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	4.62 ng/ul	1795870	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	174 C13H18	042775-77-9 20
2		Naphthalene, 1,2,3,4-tetrahydro-...	174 C13H18	042775-77-9 20
3		Benzene, (2,2-dimethyl-1-methyl-...	160 C12H16	005676-29-9 15
4		2-Hepten-6-one, 5-phenyl-, (Z)-	188 C13H16O	040931-42-8 14
5		2-Hepten-6-one, 5-phenyl-, (Z)-	188 C13H16O	040931-42-8 14



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR8DL

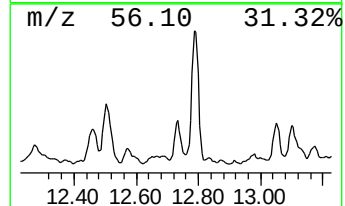
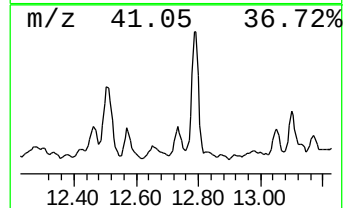
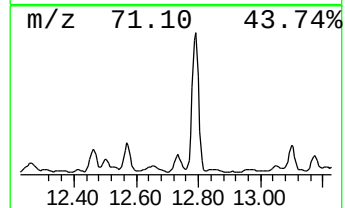
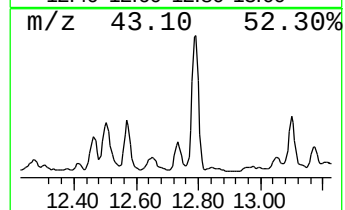
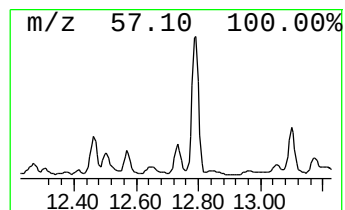
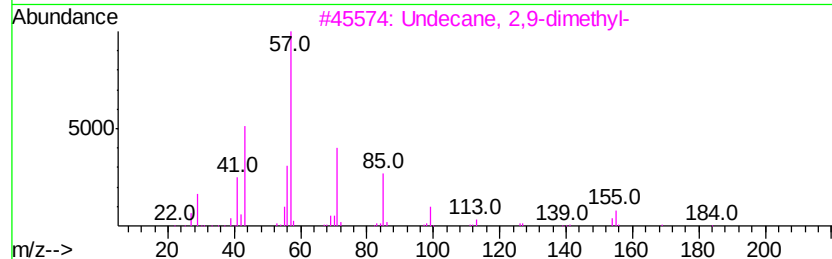
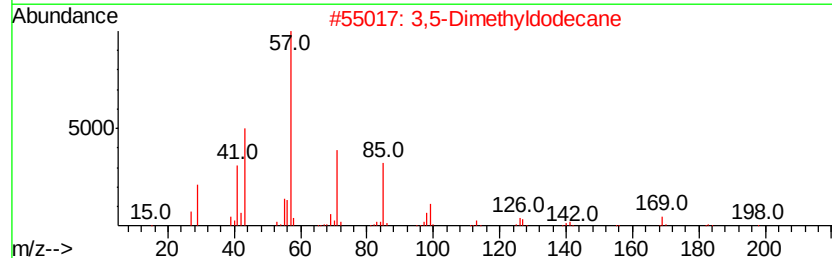
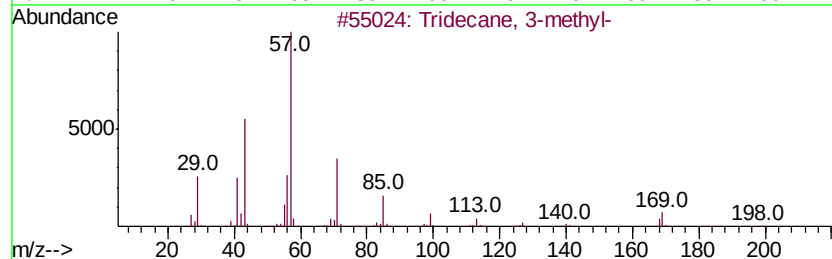
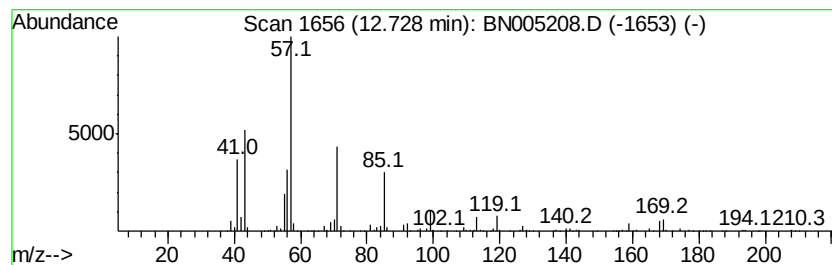
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	6.77 ng/ul	2632520	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	74
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	70
3		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	59
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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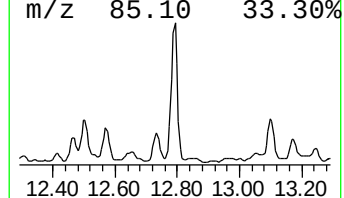
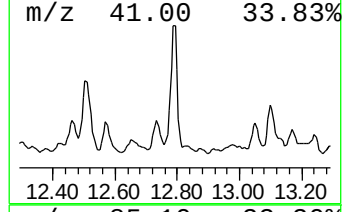
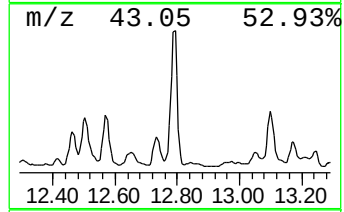
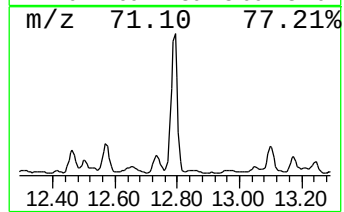
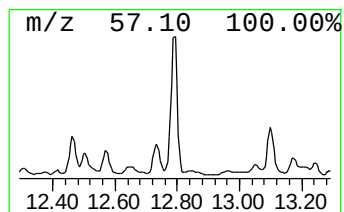
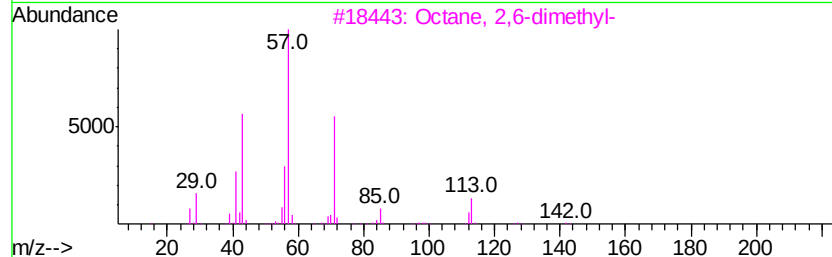
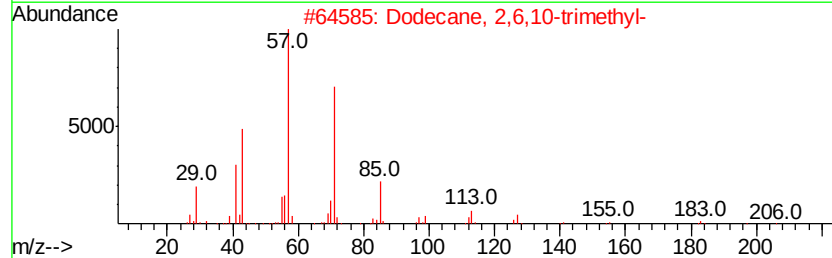
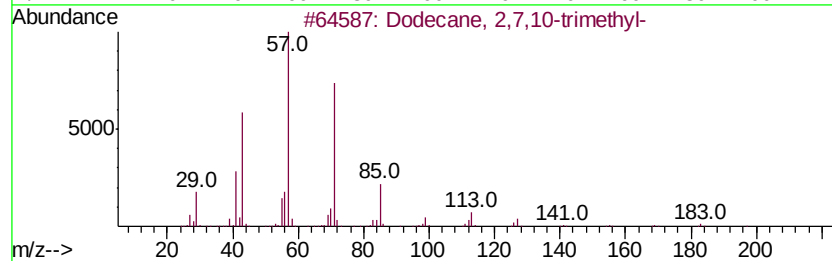
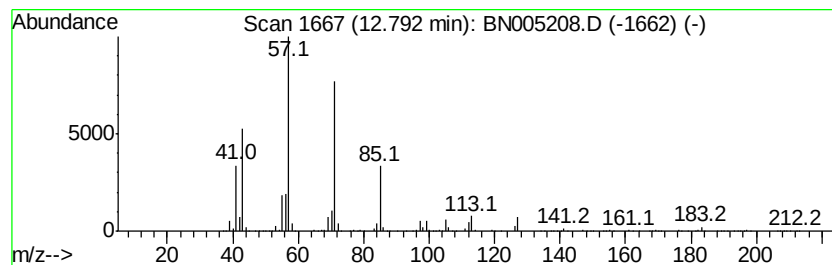
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	23.77 ng/ul	9249420	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
5		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR8DL

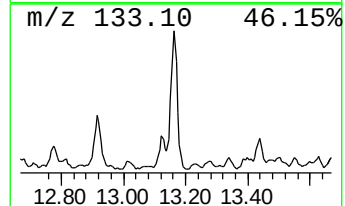
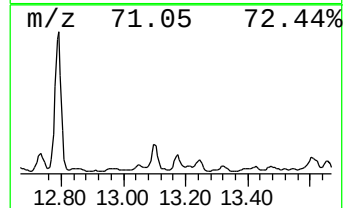
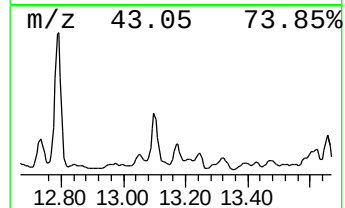
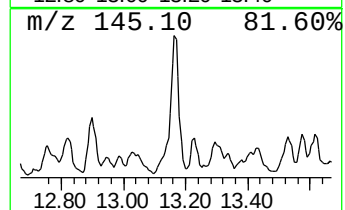
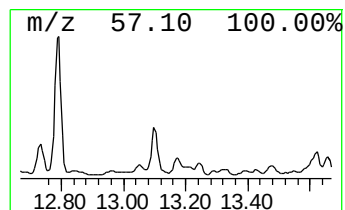
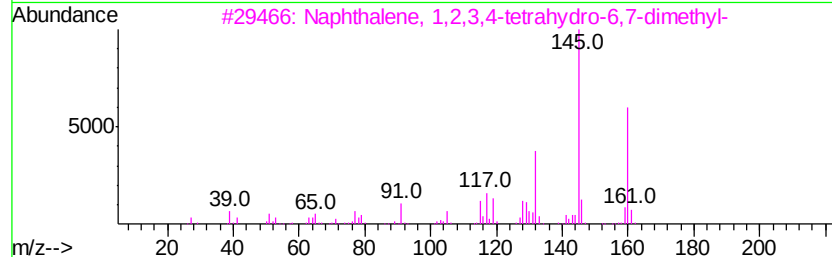
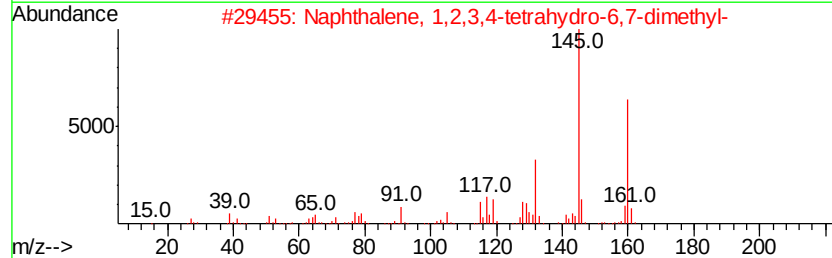
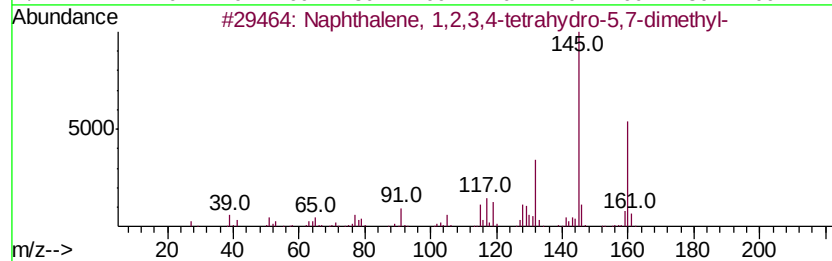
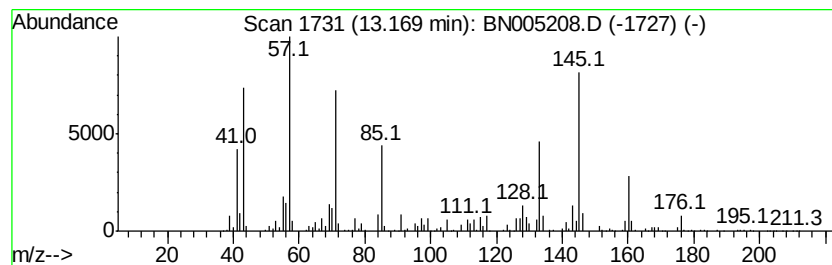
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 unknown-04 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	5.39 ng/ul	2097480	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	46
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	46
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	46
4			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	42
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
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Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

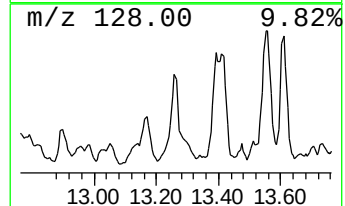
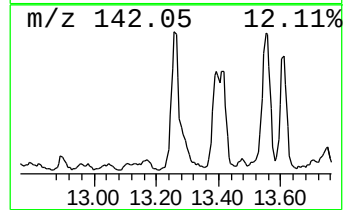
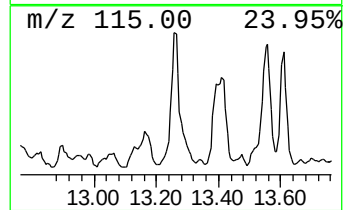
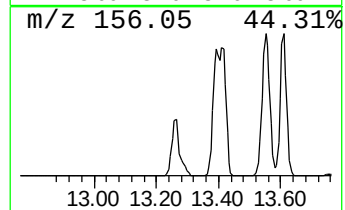
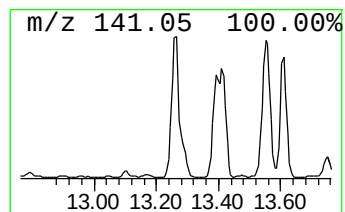
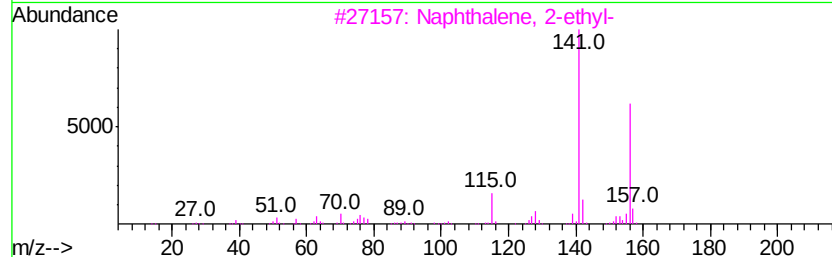
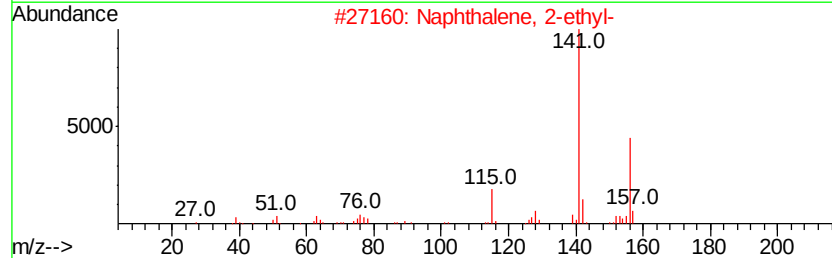
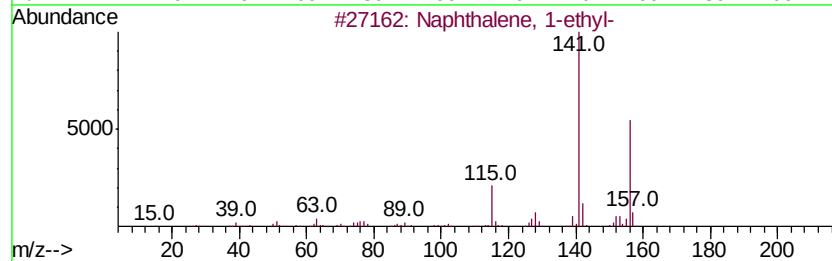
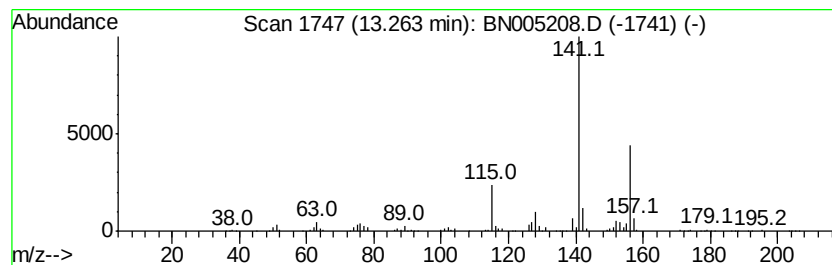
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 Naphthalene, 1-ethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	5.54 ng/ul	2154080	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
5		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR8DL

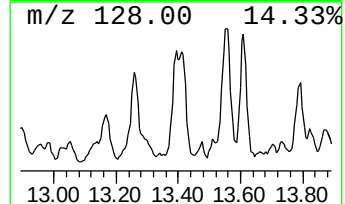
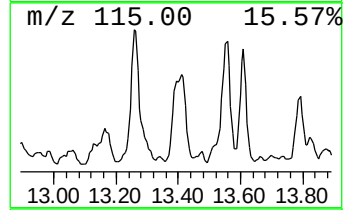
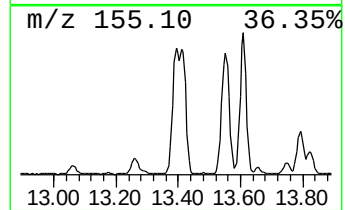
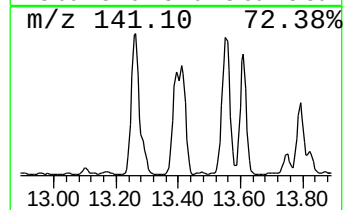
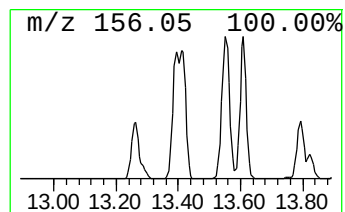
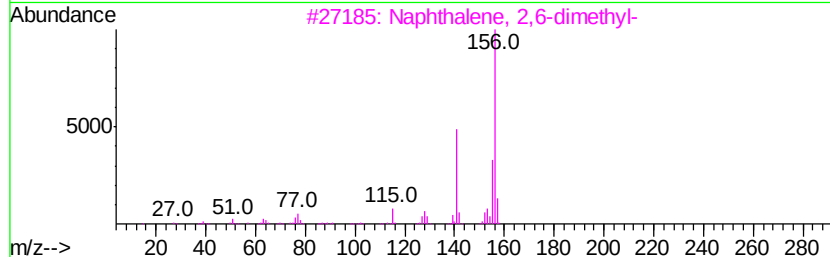
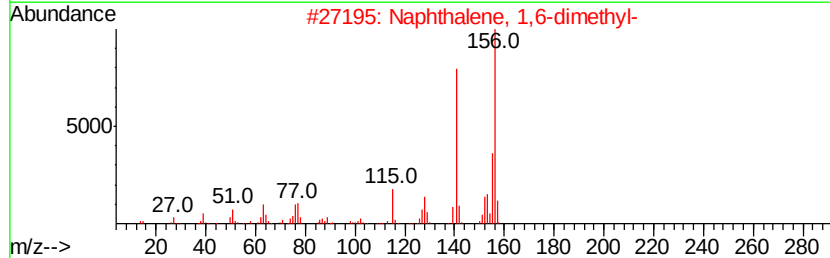
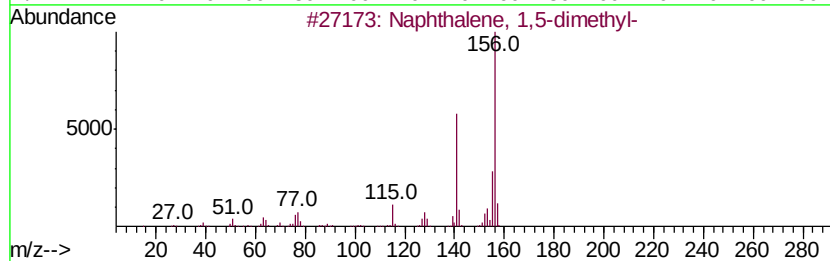
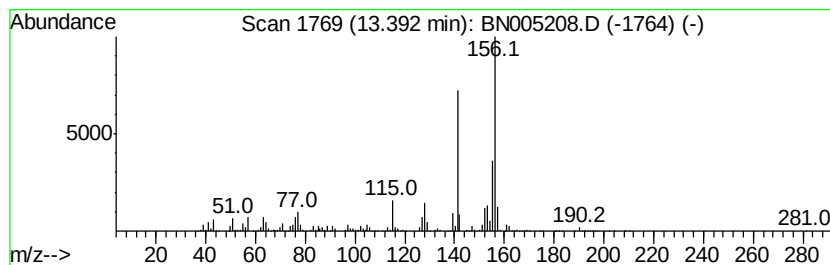
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 Naphthalene, 1,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	10.54 ng/ul	4099230	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

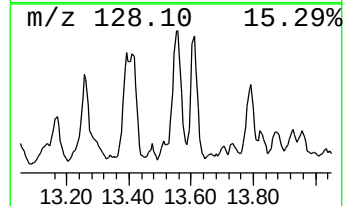
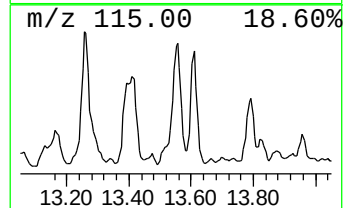
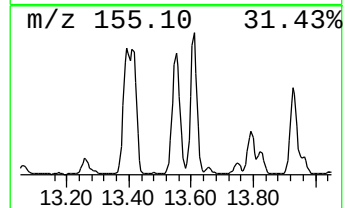
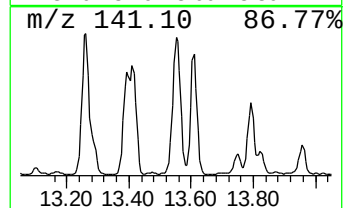
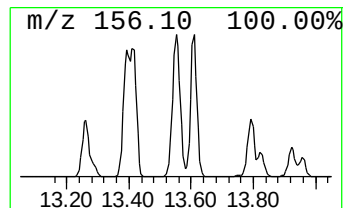
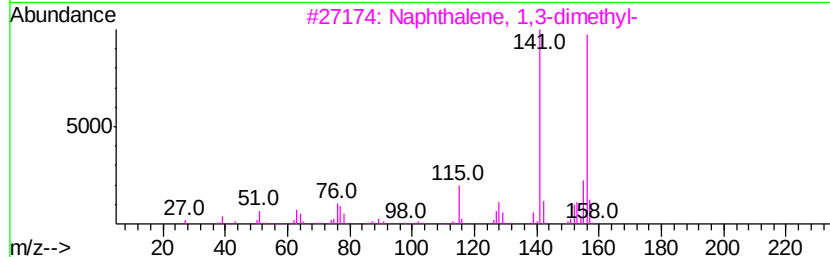
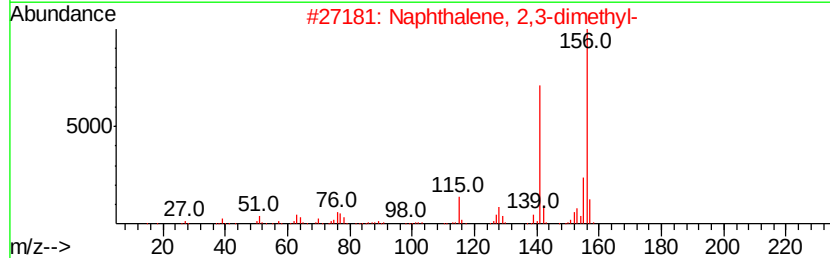
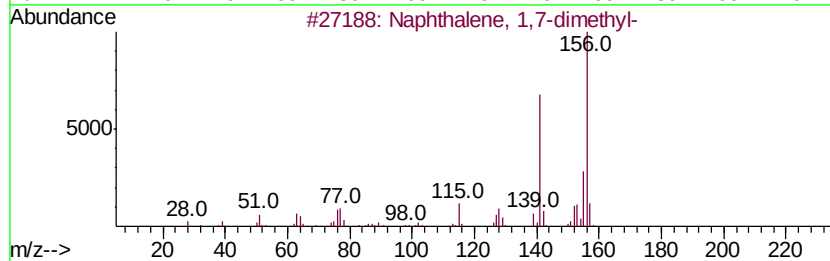
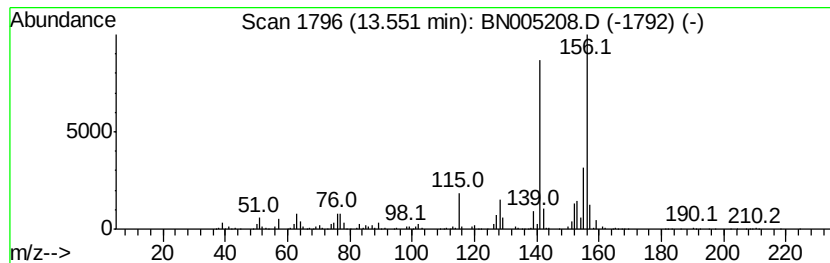
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	12.57 ng/ul	4890610	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR8DL

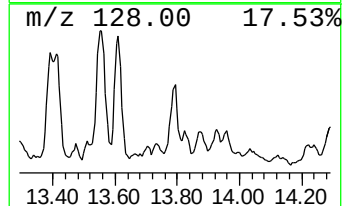
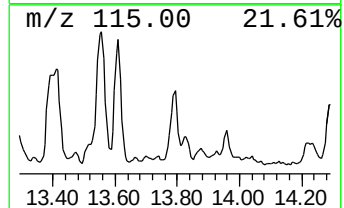
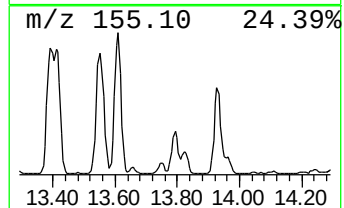
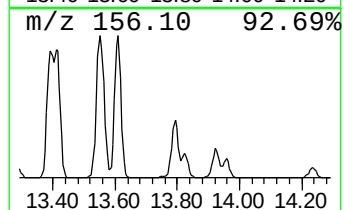
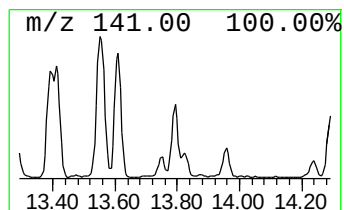
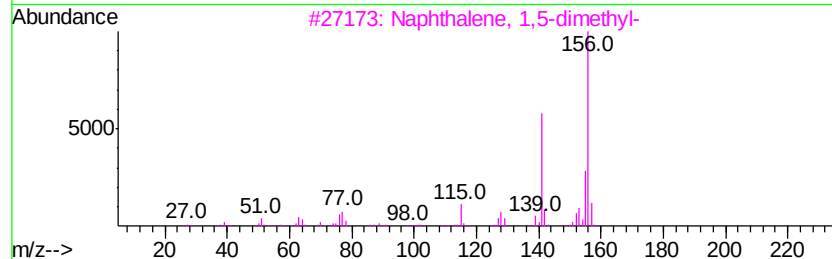
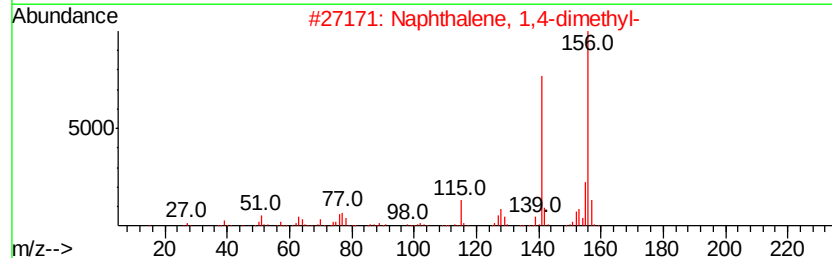
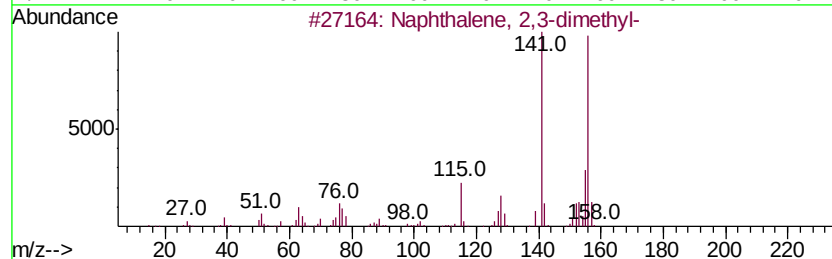
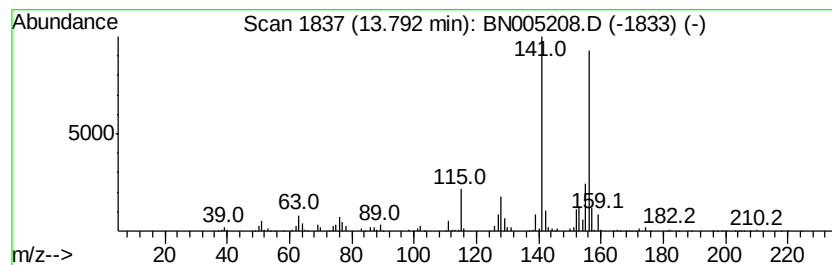
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 Naphthalene, 2,3-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	4.66 ng/ul	1811720	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

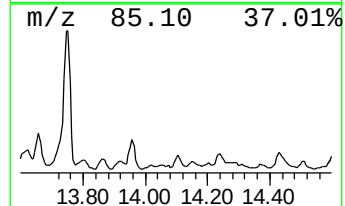
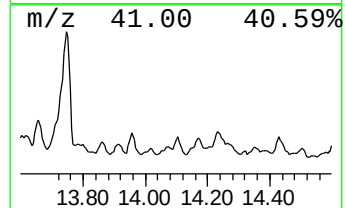
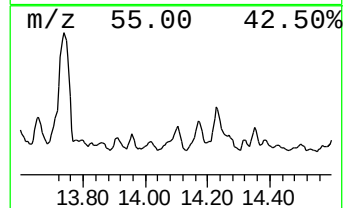
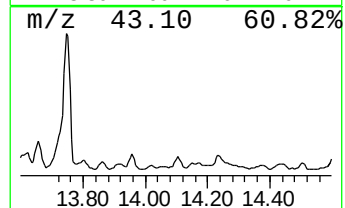
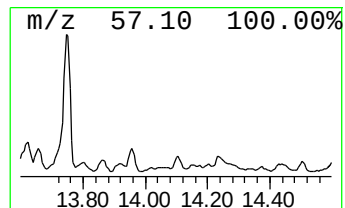
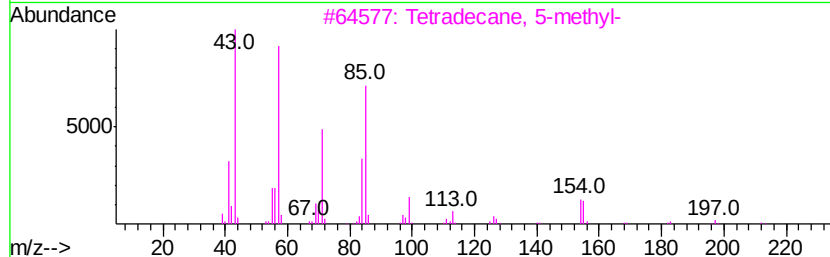
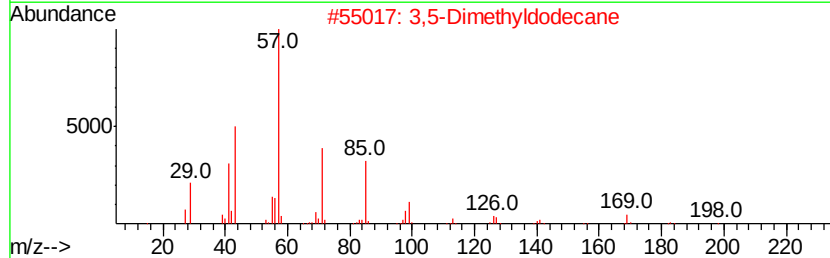
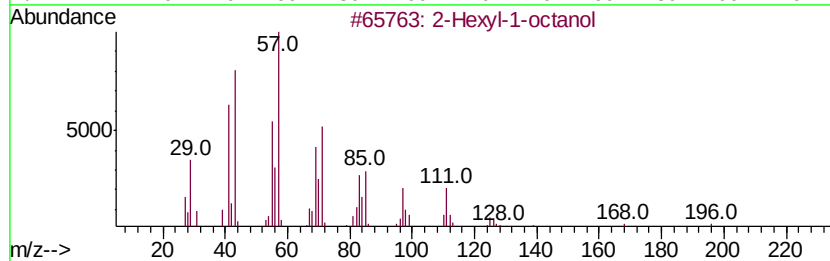
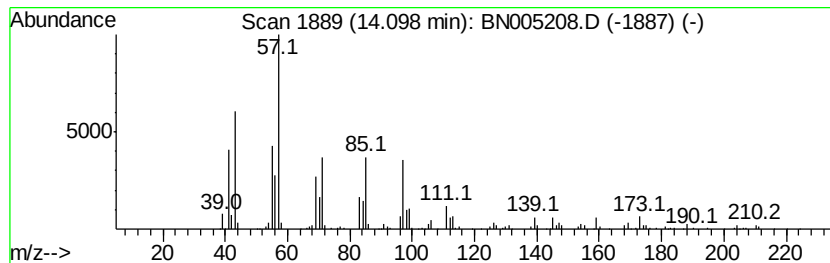
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 2-Hexyl-1-octanol Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.77 ng/ul	1078540	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Hexyl-1-octanol	214 C14H30O	019780-79-1	86
2	3,5-Dimethyldodecane	198 C14H30	107770-99-0	43
3	Tetradecane, 5-methyl-	212 C15H32	025117-32-2	38
4	Pentadecane	212 C15H32	000629-62-9	35
5	Undecane, 3-methyl-	170 C12H26	001002-43-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
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Instrument :
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ClientSampled :
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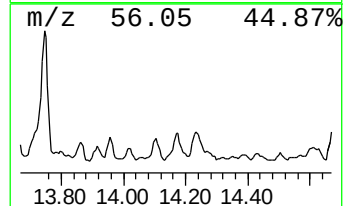
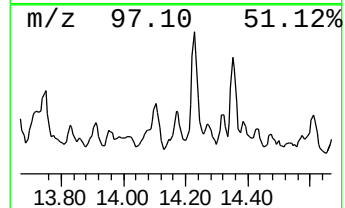
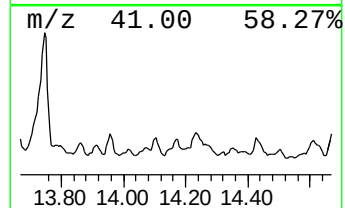
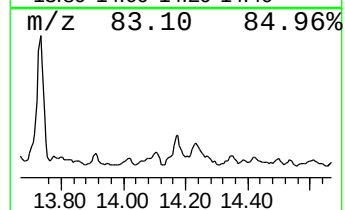
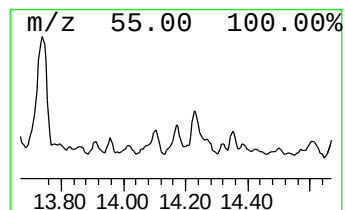
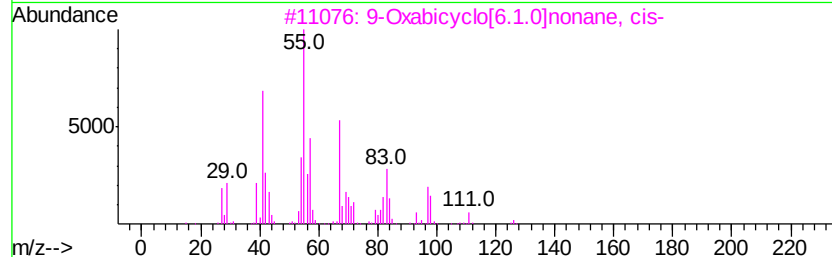
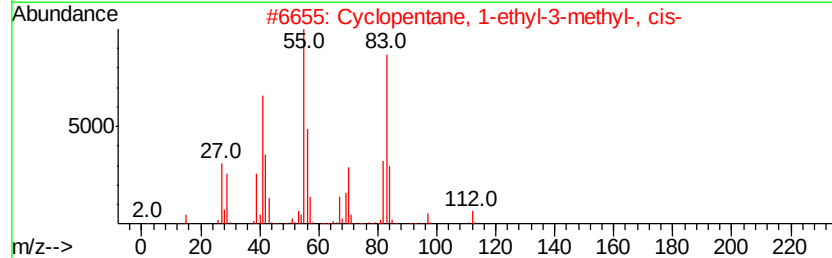
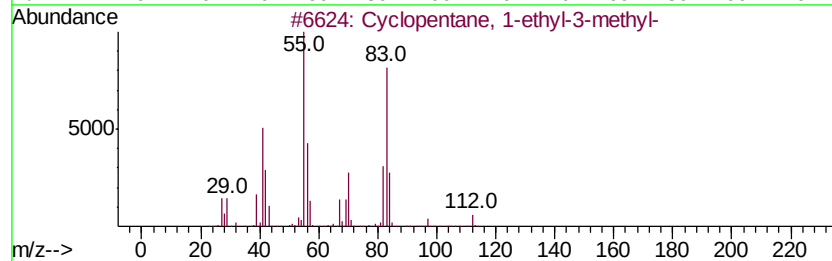
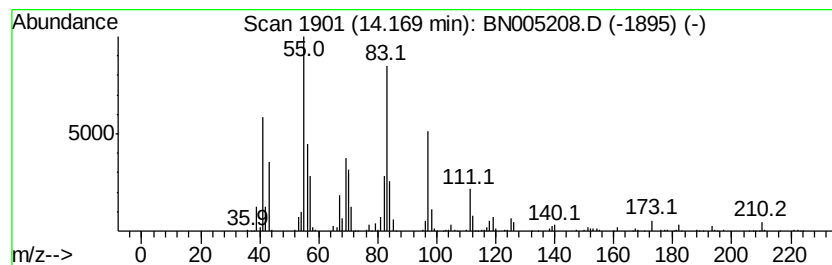
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Cyclic14.17 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	3.47 ng/ul	1349090	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	64
2			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	64
3			9-Oxabicyclo[6.1.0]nonane, cis-	126	C8H14O	004925-71-7	64
4			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	64
5			6-Tridecene	182	C13H26	024949-38-0	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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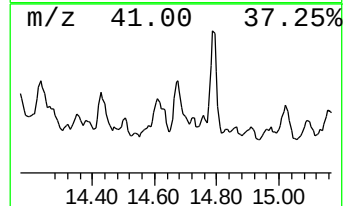
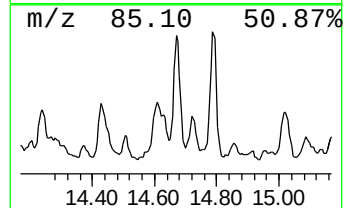
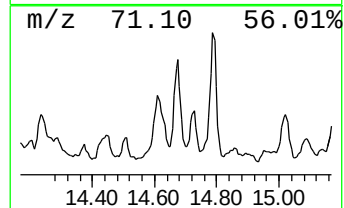
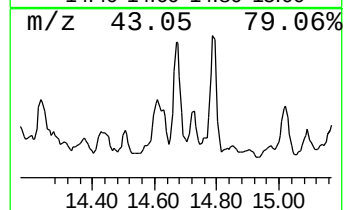
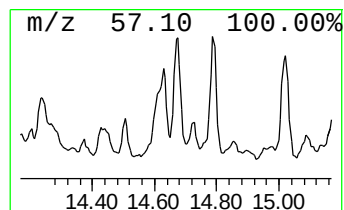
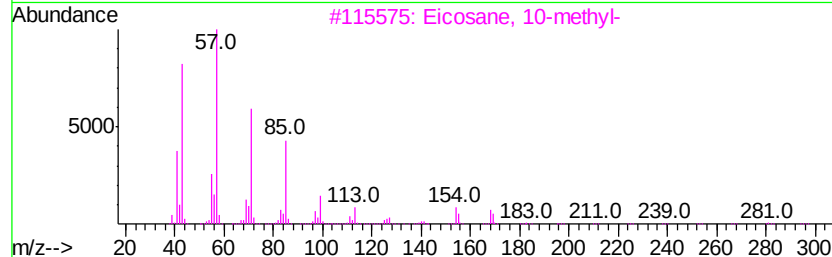
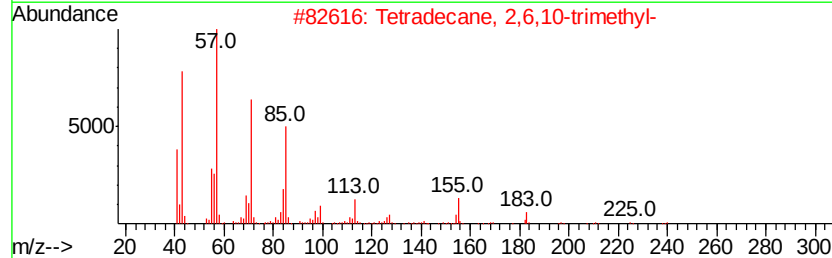
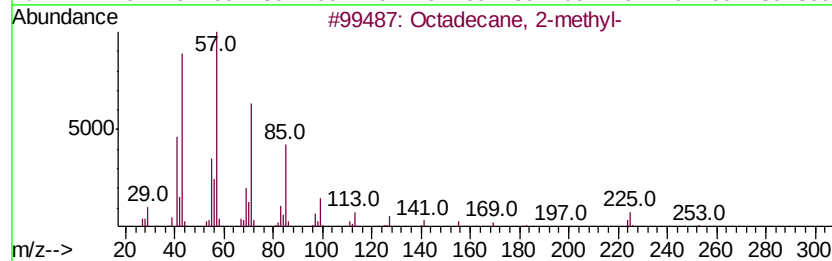
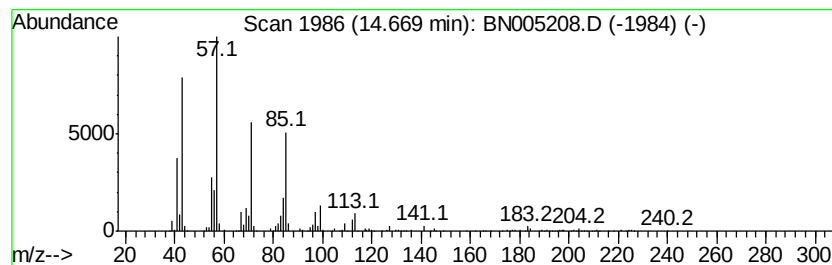
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	4.23 ng/ul	1645260	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
5			Hexacosane	366	C26H54	000630-01-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Misc :
ALS Vial : 44 Sample Multiplier: 1

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ClientSampleId :
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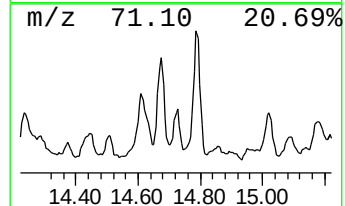
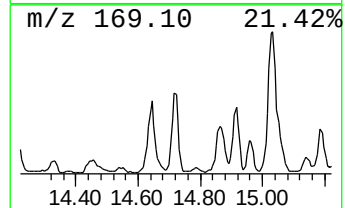
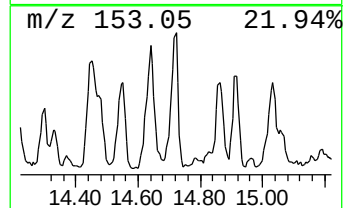
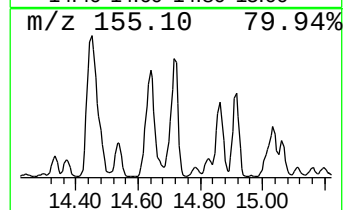
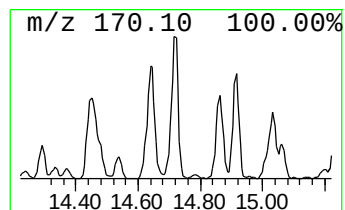
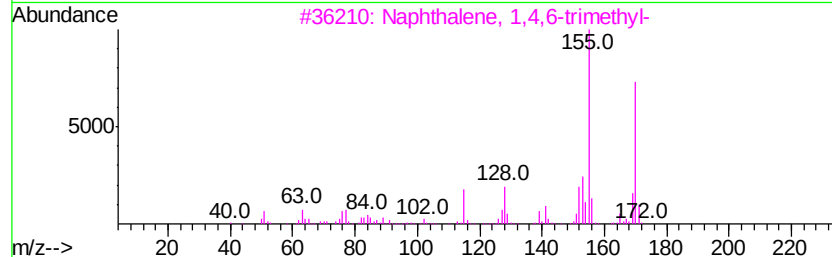
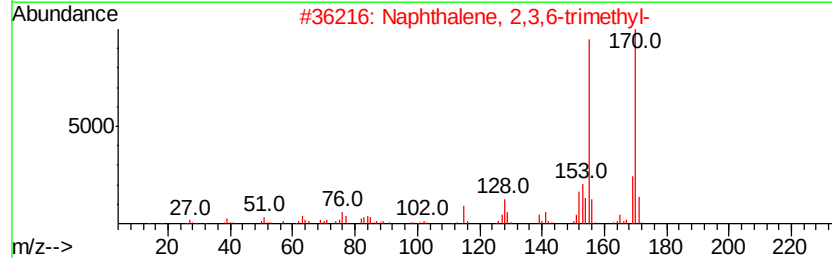
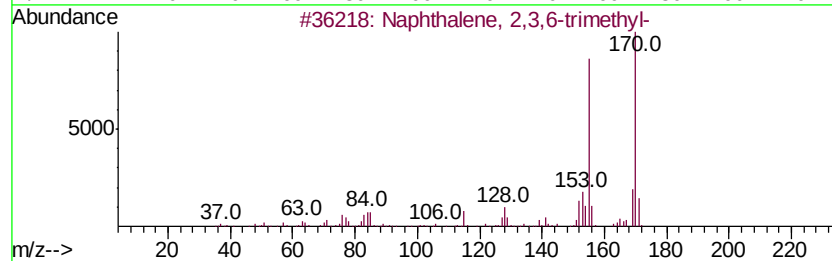
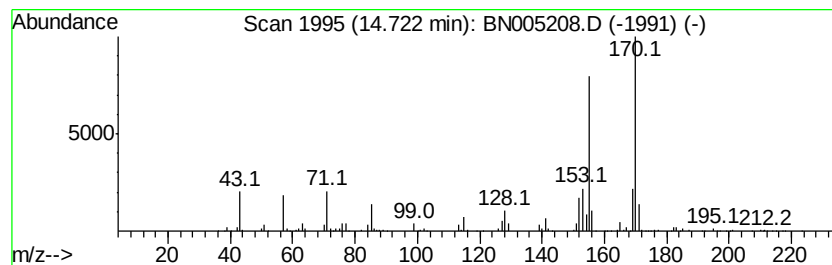
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 Naphthalene, 2,3,6-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	5.17 ng/ul	2013390	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleID :
GAHR8DL

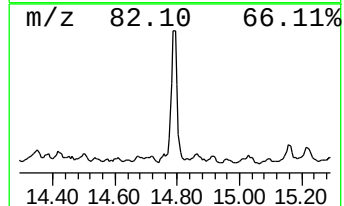
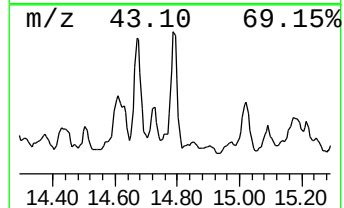
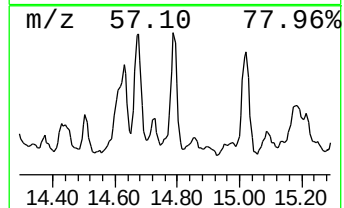
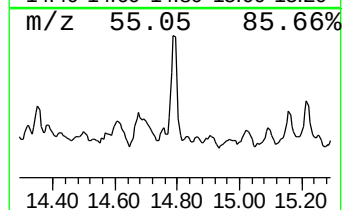
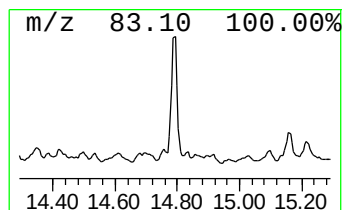
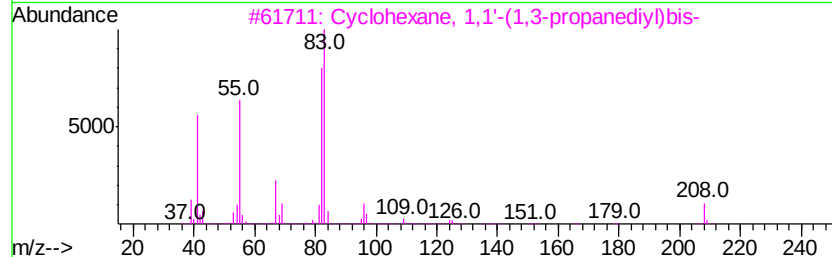
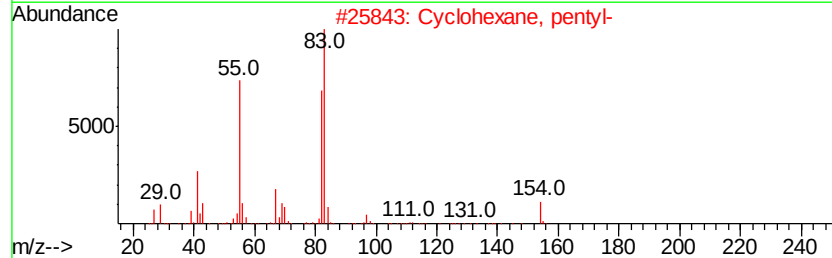
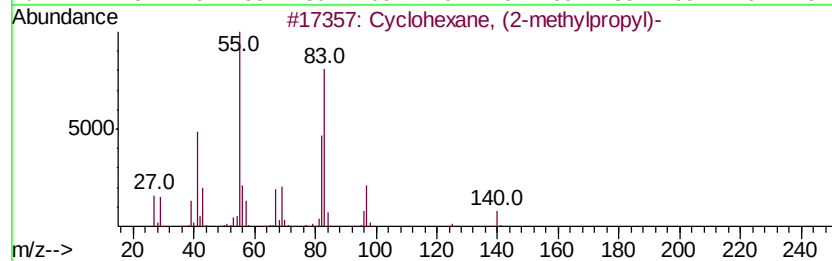
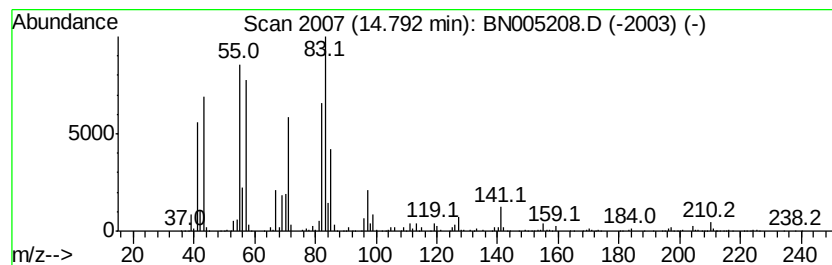
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Cyclic14.79 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	8.02 ng/ul	3119370	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	60
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
3		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	45
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	38
5		Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
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Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

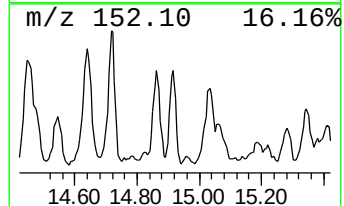
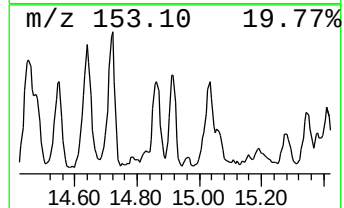
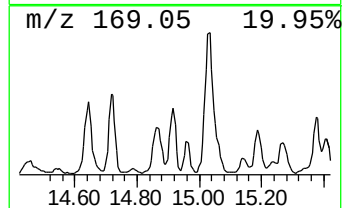
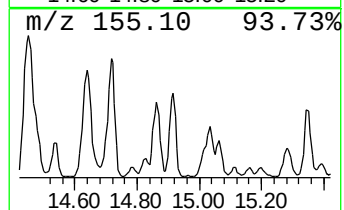
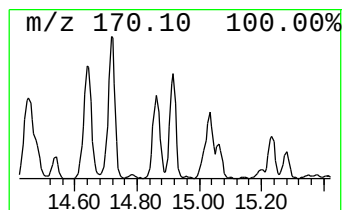
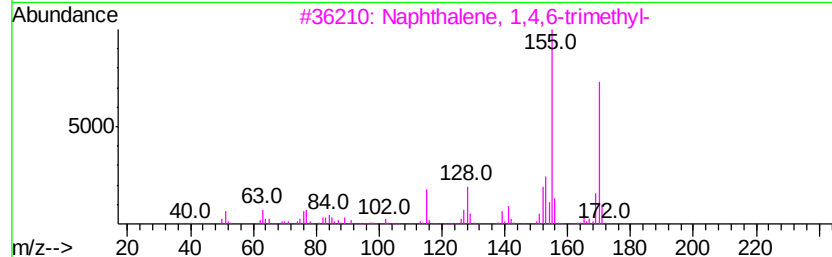
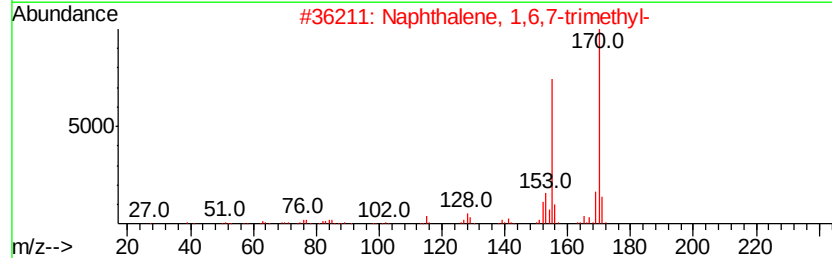
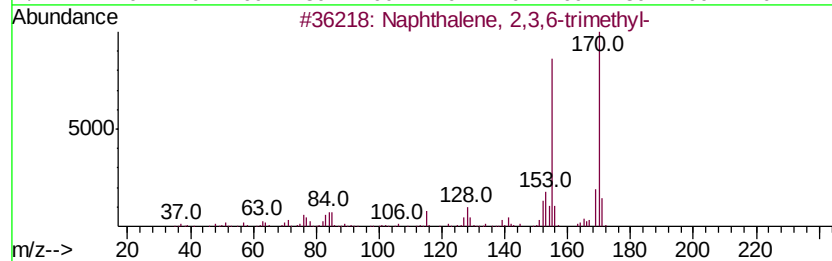
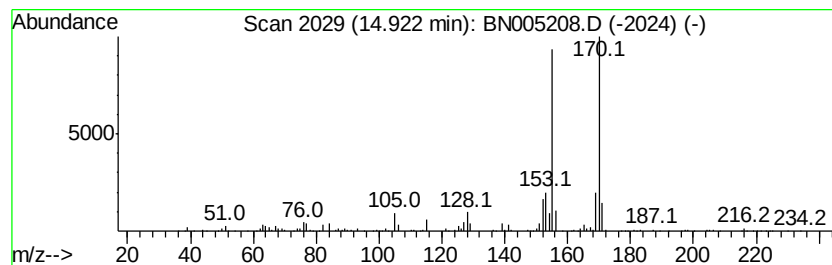
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 Naphthalene, 1,4,6-trimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.32 ng/ul	1680570	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 97
2		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 96
3		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 94
4		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 94
5		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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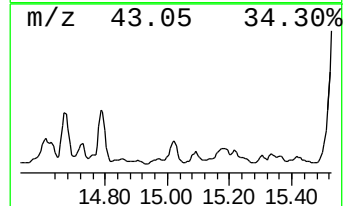
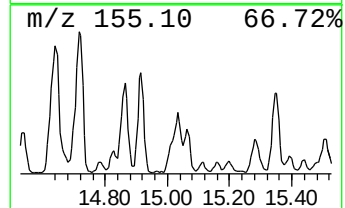
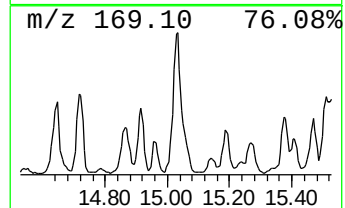
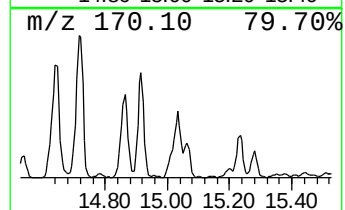
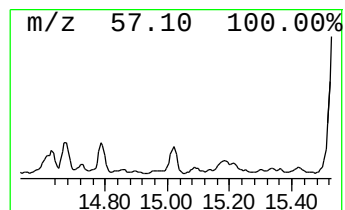
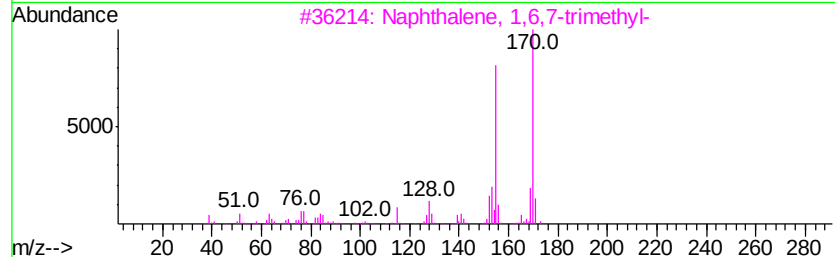
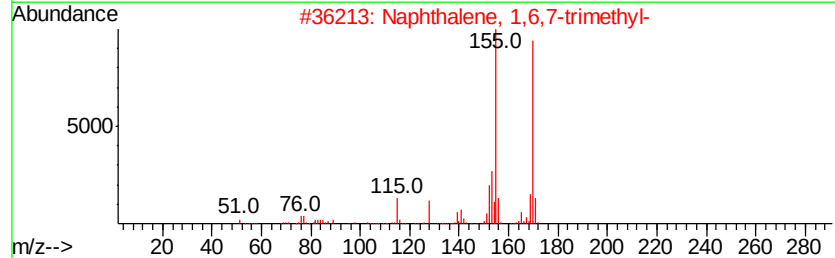
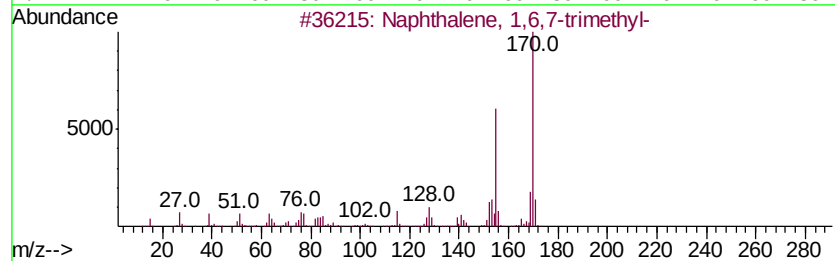
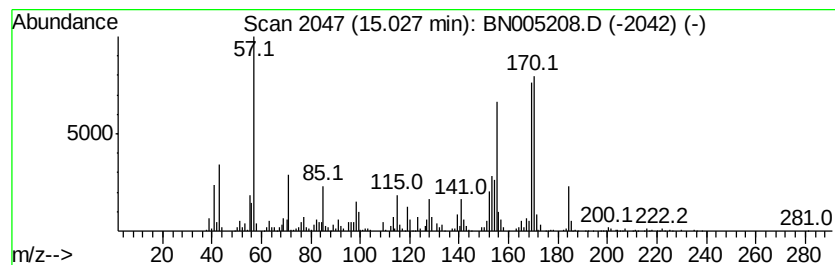
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 Naphthalene, 1,6,7-trimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	4.91 ng/ul	1910880	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	45
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	45
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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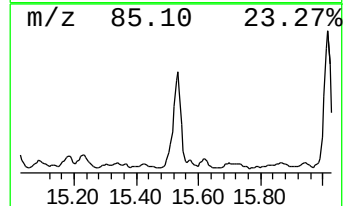
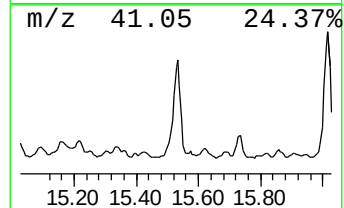
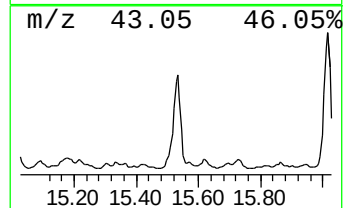
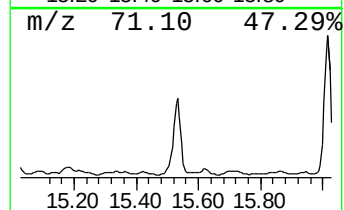
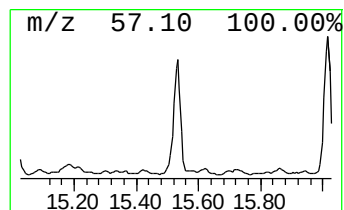
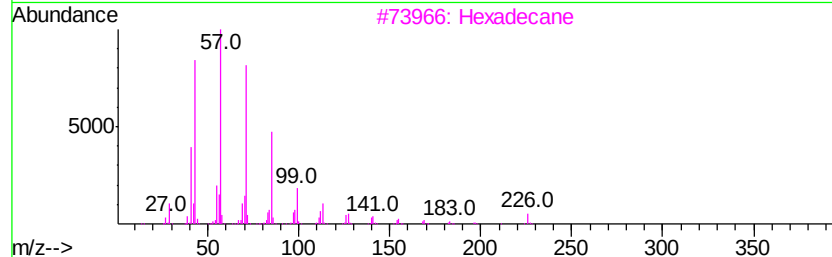
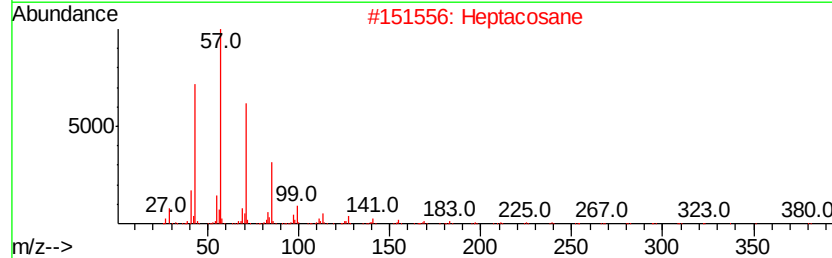
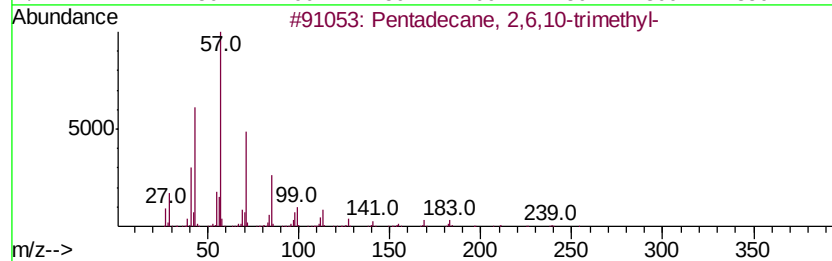
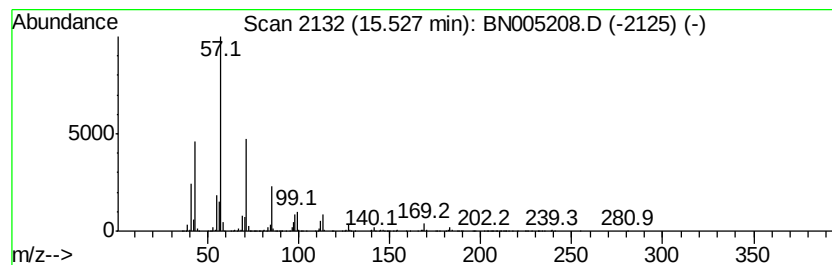
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	20.32 ng/ul	7906850	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2		Heptacosane	380	C27H56	000593-49-7	86
3		Hexadecane	226	C16H34	000544-76-3	80
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5		Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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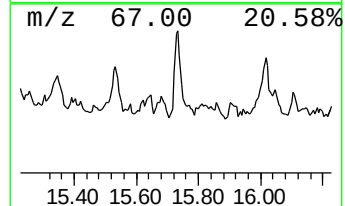
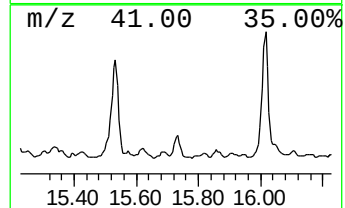
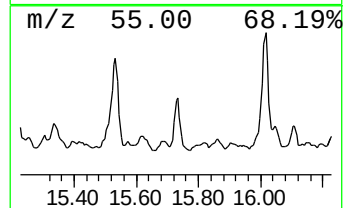
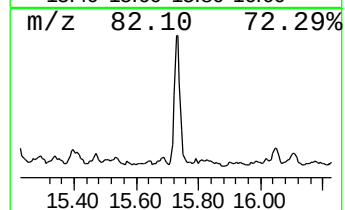
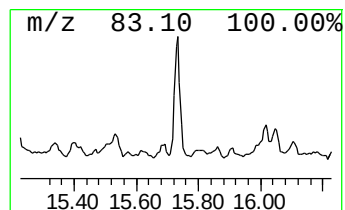
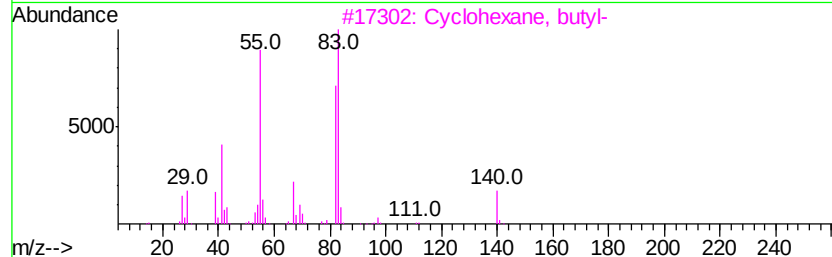
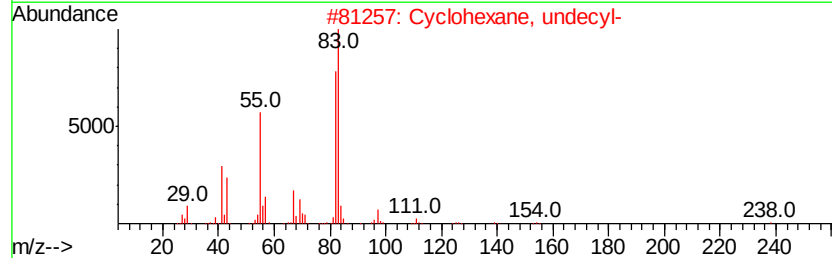
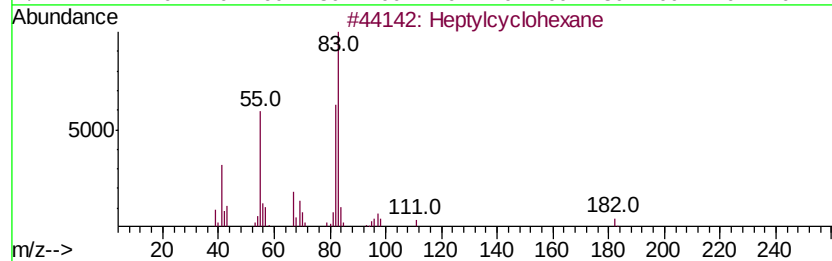
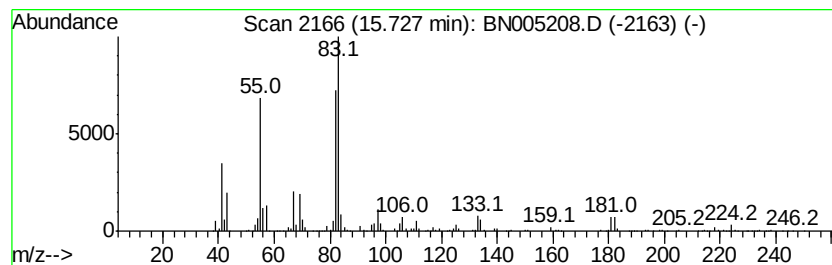
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 (DEL) Alkane: Cyclic15.73 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	7.20 ng/ul	1873270	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	81
2		Cyclohexane, undecyl-	238	C17H34	054105-66-7	81
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5		n-Amylcyclohexane	154	C11H22	029949-27-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
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Misc :
ALS Vial : 44 Sample Multiplier: 1

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ClientSampleId :
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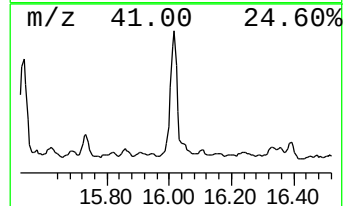
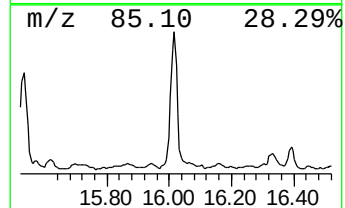
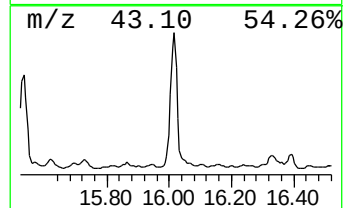
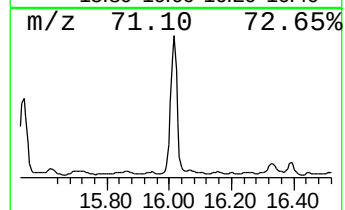
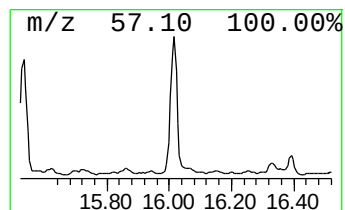
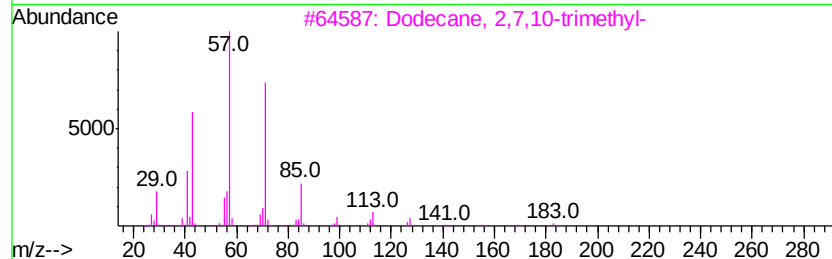
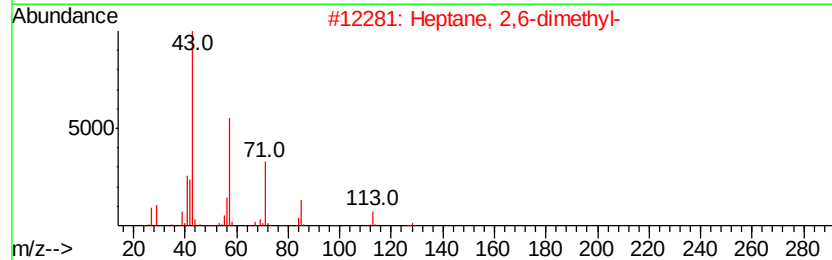
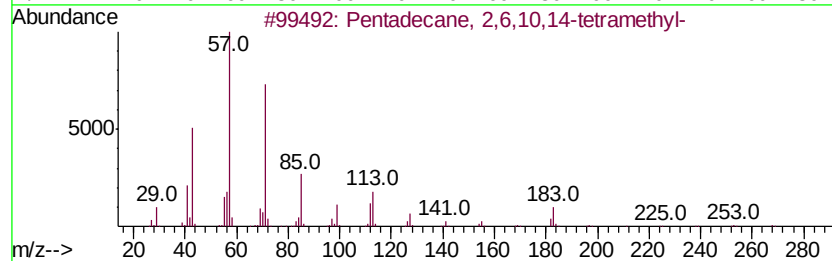
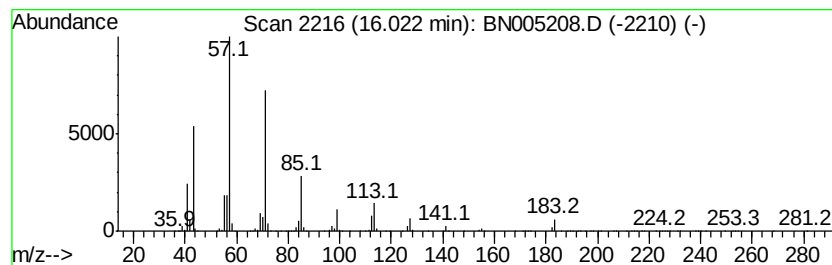
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	36.47 ng/ul	9489700	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	68
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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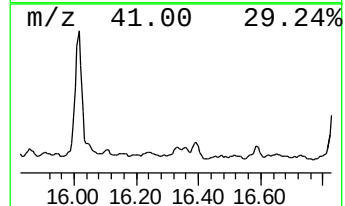
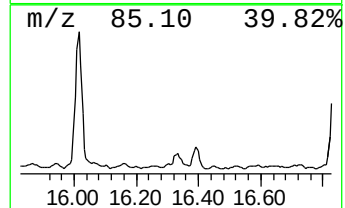
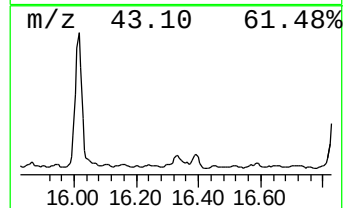
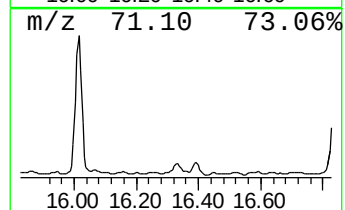
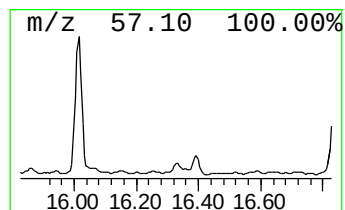
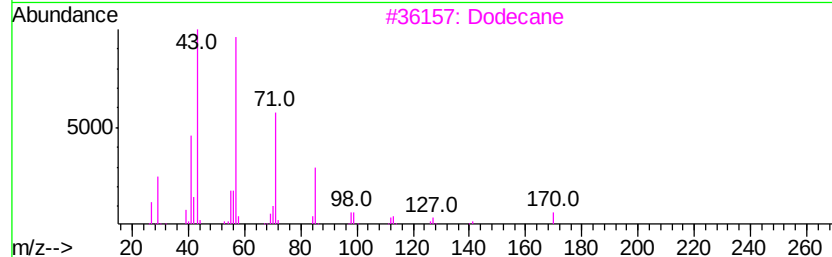
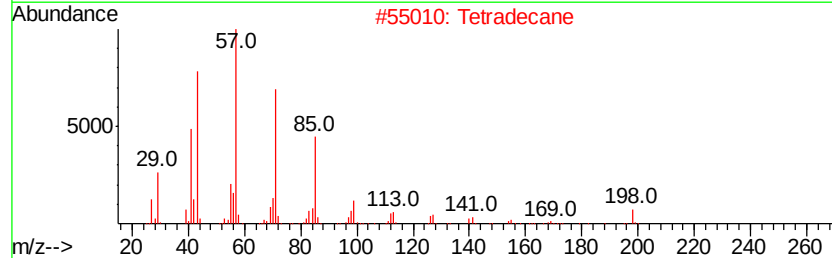
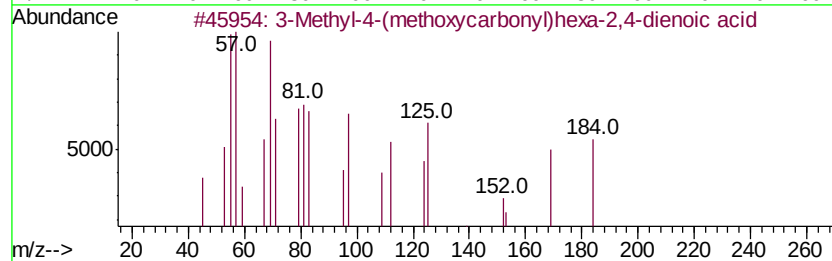
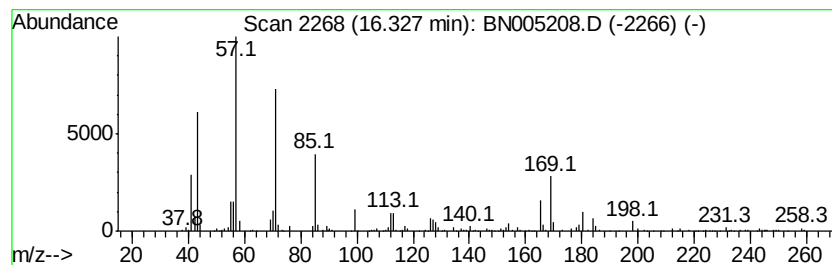
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 3-Methyl-4-(methoxycarbonyl... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	4.30 ng/ul	1119740	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	70
2		Tetradecane	198	C14H30	000629-59-4	64
3		Dodecane	170	C12H26	000112-40-3	64
4		Tetradecane	198	C14H30	000629-59-4	55
5		Tetradecane	198	C14H30	000629-59-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR8DL

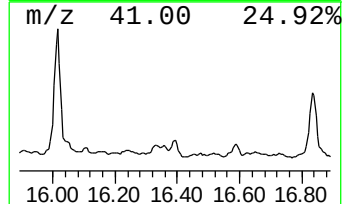
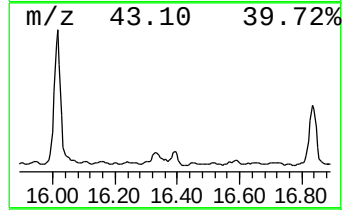
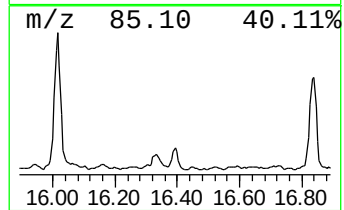
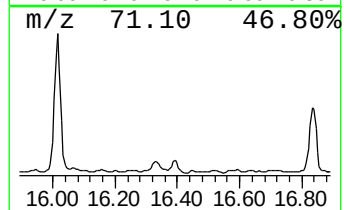
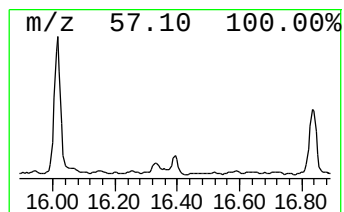
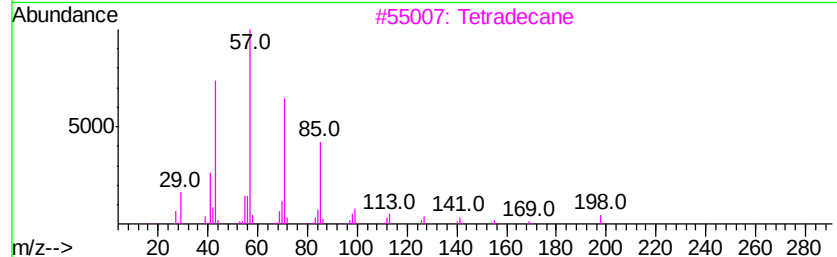
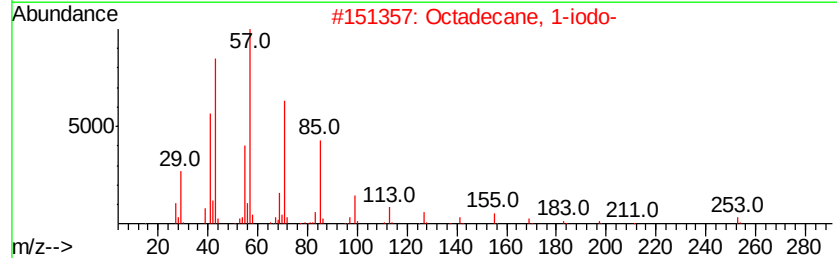
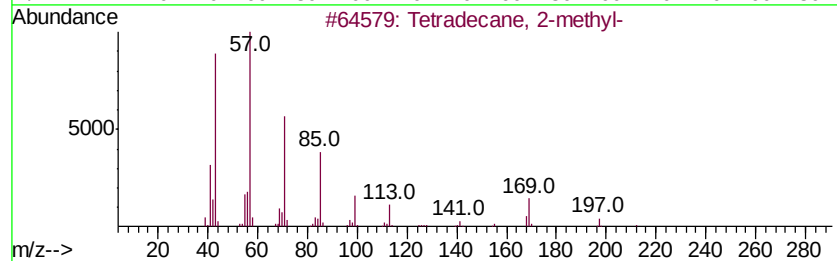
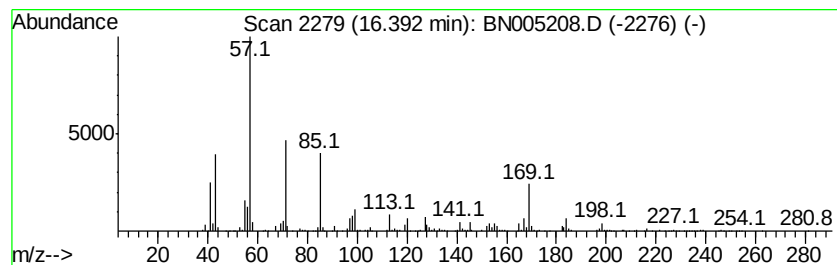
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	4.47 ng/ul	1163490	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	72
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
3			Tetradecane	198	C14H30	000629-59-4	62
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	59
5			Docosane	310	C22H46	000629-97-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR8DL

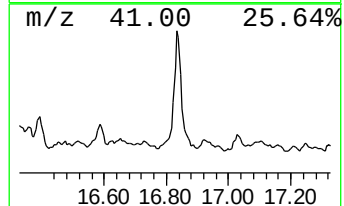
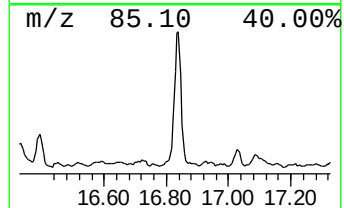
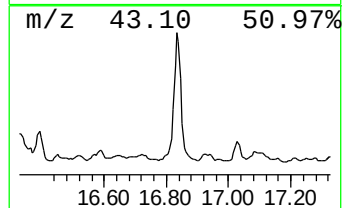
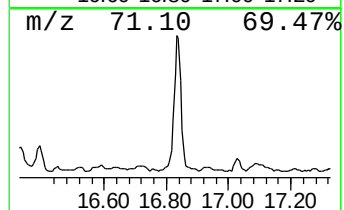
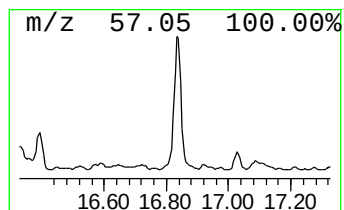
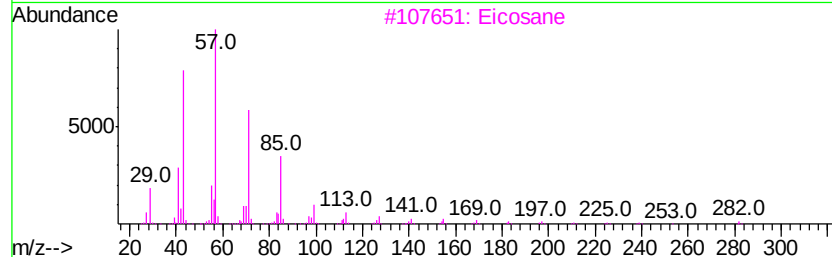
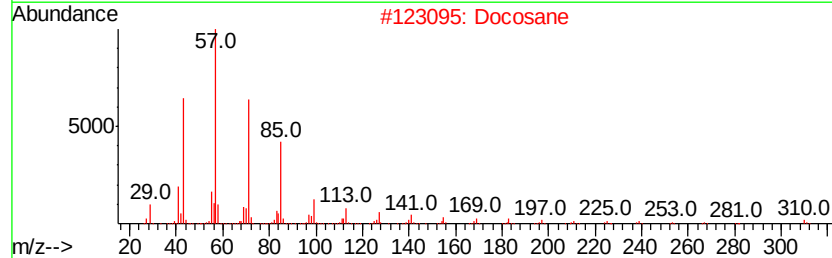
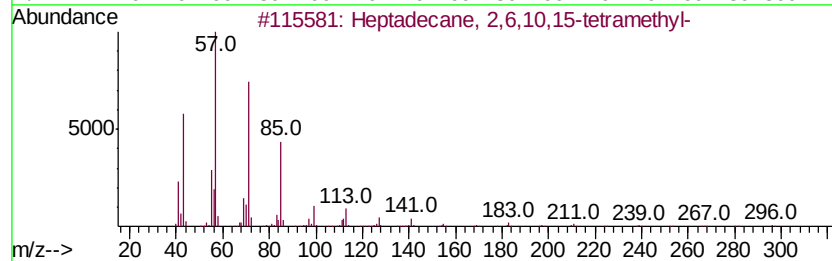
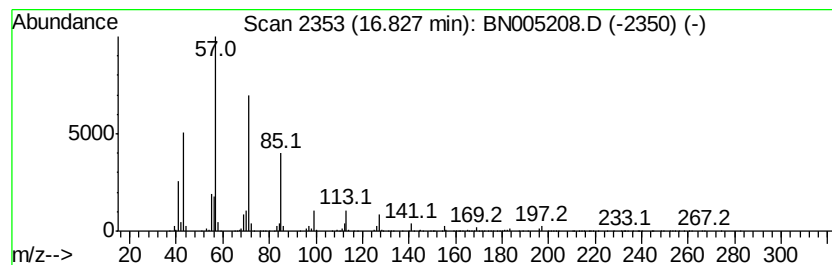
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	20.99 ng/ul	5462190	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Docosane	310	C22H46	000629-97-0	90
3		Eicosane	282	C20H42	000112-95-8	86
4		Pentadecane	212	C15H32	000629-62-9	86
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005208.D
Acq On : 23 Apr 2019 11:24
Operator : JU/SJ
Sample : K2455-18DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR8DL

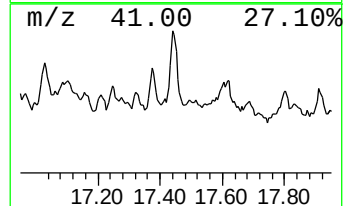
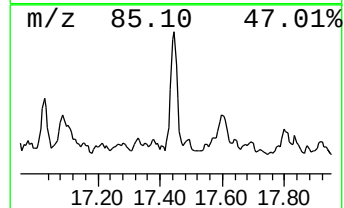
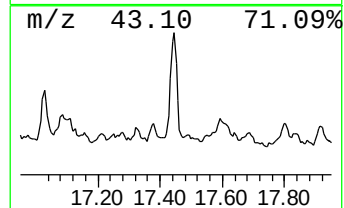
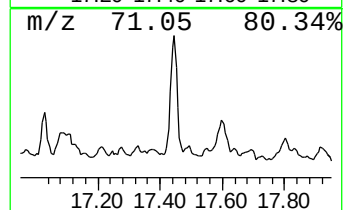
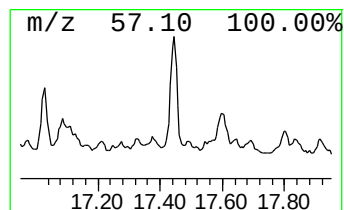
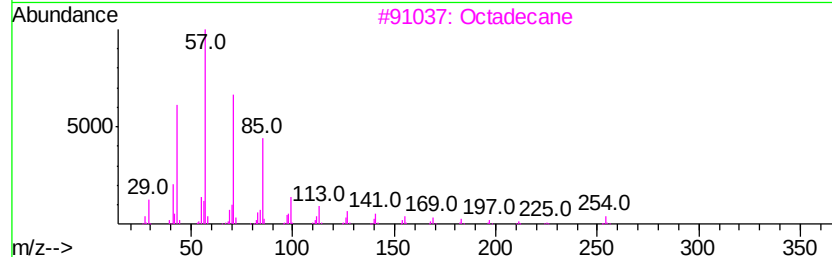
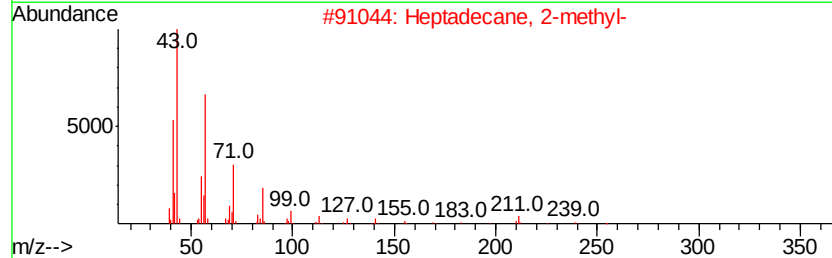
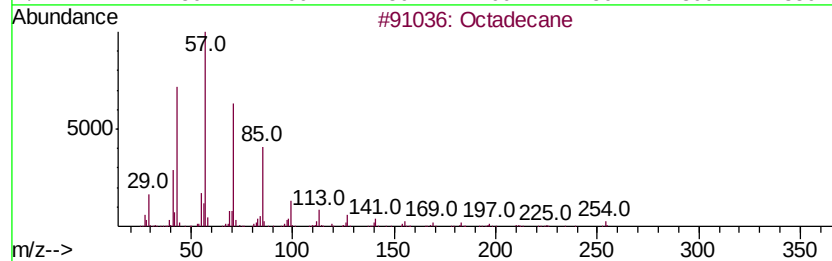
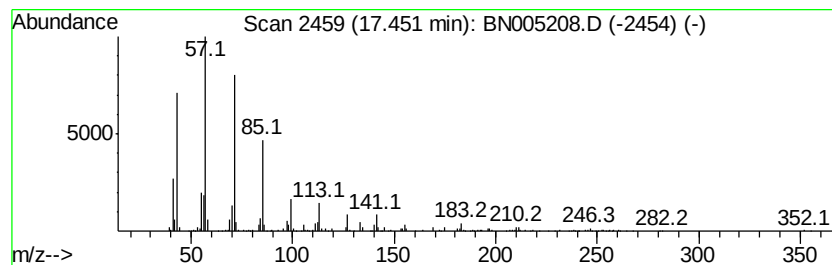
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	4.76 ng/ul	1239930	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	94
3			Octadecane	254	C18H38	000593-45-3	91
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005208.D
 Acq On : 23 Apr 2019 11:24
 Operator : JU/SJ
 Sample : K2455-18DL 2X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHR8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	6.20	3.9	ng/ul	1119760	1	7.60	5707820	20.0
(DEL) Alkane: Cyc...	6.27	5.0	ng/ul	1433480	1	7.60	5707820	20.0
(DEL) Alkane: Str...	6.30	4.5	ng/ul	1269990	1	7.60	5707820	20.0
(DEL) Alkane: Str...	6.62	3.9	ng/ul	1116110	1	7.60	5707820	20.0
(DEL) Alkane: Str...	7.24	5.6	ng/ul	1585420	1	7.60	5707820	20.0
(DEL) Alkane: Cyc...	7.89	8.7	ng/ul	2480730	1	7.60	5707820	20.0
(DEL) Alkane: Str...	8.14	8.1	ng/ul	2321700	1	7.60	5707820	20.0
(DEL) Alkane: Str...	8.37	6.5	ng/ul	1857300	1	7.60	5707820	20.0
unknown-01	8.95	7.9	ng/ul	2245840	1	7.60	5707820	20.0
Benzene, 1,2,3,4-...	9.03	2.9	ng/ul	1234810	2	10.36	8571380	20.0
(DEL) Alkane: Str...	9.08	4.7	ng/ul	1992610	2	10.36	8571380	20.0
(DEL) Alkane: Str...	9.24	5.4	ng/ul	2323420	2	10.36	8571380	20.0
Naphthalene, deca...	9.30	3.9	ng/ul	1680690	2	10.36	8571380	20.0
(DEL) Alkane: Cyc...	9.52	8.8	ng/ul	3781390	2	10.36	8571380	20.0
trans-Decalin, 2-...	9.56	6.3	ng/ul	2693170	2	10.36	8571380	20.0
(DEL) Alkane: Str...	9.65	10.3	ng/ul	4413730	2	10.36	8571380	20.0
(DEL) Alkane: Str...	9.74	5.8	ng/ul	2464360	2	10.36	8571380	20.0
Benzene, 1-methyl...	9.77	6.2	ng/ul	2634910	2	10.36	8571380	20.0
(DEL) Alkane: Str...	9.82	7.4	ng/ul	3173910	2	10.36	8571380	20.0
(DEL) Alkane: Str...	9.92	5.7	ng/ul	2457770	2	10.36	8571380	20.0
Benzene, 1-methyl...	10.08	3.5	ng/ul	1511540	2	10.36	8571380	20.0
(DEL) Alkane: Cyc...	10.25	4.4	ng/ul	1889310	2	10.36	8571380	20.0
unknown-02	10.28	3.5	ng/ul	1512050	2	10.36	8571380	20.0
(DEL) Alkane: Str...	10.55	25.6	ng/ul	10953300	2	10.36	8571380	20.0
(DEL) Alkane: Cyc...	10.61	3.8	ng/ul	1638330	2	10.36	8571380	20.0
(DEL) Alkane: Str...	10.67	5.0	ng/ul	2160120	2	10.36	8571380	20.0
(DEL) Alkane: Cyc...	10.87	4.5	ng/ul	1940920	2	10.36	8571380	20.0
(DEL) Alkane: Cyc...	11.05	5.8	ng/ul	2505150	2	10.36	8571380	20.0
(DEL) Alkane: Cyc...	11.08	13.4	ng/ul	5743260	2	10.36	8571380	20.0
(DEL) Alkane: Str...	11.12	3.8	ng/ul	1623690	2	10.36	8571380	20.0
(DEL) Alkane: Str...	11.15	5.0	ng/ul	2143230	2	10.36	8571380	20.0
(DEL) Alkane: Str...	11.22	8.8	ng/ul	3761770	2	10.36	8571380	20.0
1H-Indene, 2,3-di...	11.28	2.9	ng/ul	1256230	2	10.36	8571380	20.0
(DEL) Alkane: Str...	11.30	5.3	ng/ul	2275050	2	10.36	8571380	20.0
(DEL) Alkane: Str...	11.42	31.7	ng/ul	13571200	2	10.36	8571380	20.0
(DEL) Alkane: Cyc...	11.66	3.8	ng/ul	1607120	2	10.36	8571380	20.0
Benzene, 1-methyl...	11.75	3.6	ng/ul	1566020	2	10.36	8571380	20.0
(DEL) Alkane: Cyc...	11.79	3.9	ng/ul	1685740	2	10.36	8571380	20.0
(DEL) Alkane: Str...	11.95	4.0	ng/ul	1694450	2	10.36	8571380	20.0
(DEL) Alkane: Cyc...	12.11	2.6	ng/ul	1115400	2	10.36	8571380	20.0
Naphthalene, 1-me...	12.25	8.6	ng/ul	3690210	2	10.36	8571380	20.0
Naphthalene, 2-bu...	12.43	3.2	ng/ul	1241310	3	14.23	7781800	20.0
(DEL) Alkane: Str...	12.46	6.1	ng/ul	2379170	3	14.23	7781800	20.0
(DEL) Alkane: Cyc...	12.51	16.1	ng/ul	6265470	3	14.23	7781800	20.0
(DEL) Alkane: Str...	12.57	9.2	ng/ul	3574540	3	14.23	7781800	20.0
unknown-03	12.66	4.6	ng/ul	1795870	3	14.23	7781800	20.0
(DEL) Alkane: Str...	12.73	6.8	ng/ul	2632520	3	14.23	7781800	20.0
(DEL) Alkane: Str...	12.79	23.8	ng/ul	9249420	3	14.23	7781800	20.0
unknown-04	13.17	5.4	ng/ul	2097480	3	14.23	7781800	20.0

Naphthalene, 1-et...	13.26	5.5 ng/ul	2154080	3	14.23	7781800	20.0
Naphthalene, 1,5-...	13.39	10.5 ng/ul	4099230	3	14.23	7781800	20.0
Naphthalene, 1,7-...	13.55	12.6 ng/ul	4890610	3	14.23	7781800	20.0
Naphthalene, 2,3-...	13.79	4.7 ng/ul	1811720	3	14.23	7781800	20.0
2-Hexyl-1-octanol	14.10	2.8 ng/ul	1078540	3	14.23	7781800	20.0
(DEL) Alkane: Cyc...	14.17	3.5 ng/ul	1349090	3	14.23	7781800	20.0
(DEL) Alkane: Str...	14.67	4.2 ng/ul	1645260	3	14.23	7781800	20.0
Naphthalene, 2,3,...	14.72	5.2 ng/ul	2013390	3	14.23	7781800	20.0
(DEL) Alkane: Cyc...	14.79	8.0 ng/ul	3119370	3	14.23	7781800	20.0
Naphthalene, 1,4,...	14.92	4.3 ng/ul	1680570	3	14.23	7781800	20.0
Naphthalene, 1,6,...	15.03	4.9 ng/ul	1910880	3	14.23	7781800	20.0
(DEL) Alkane: Str...	15.53	20.3 ng/ul	7906850	3	14.23	7781800	20.0
(DEL) Alkane: Cyc...	15.73	7.2 ng/ul	1873270	4	16.99	5204450	20.0
(DEL) Alkane: Str...	16.02	36.5 ng/ul	9489700	4	16.99	5204450	20.0
3-Methyl-4-(metho...	16.33	4.3 ng/ul	1119740	4	16.99	5204450	20.0
(DEL) Alkane: Str...	16.39	4.5 ng/ul	1163490	4	16.99	5204450	20.0
(DEL) Alkane: Str...	16.83	21.0 ng/ul	5462190	4	16.99	5204450	20.0
(DEL) Alkane: Str...	17.45	4.8 ng/ul	1239930	4	16.99	5204450	20.0

Instrument :

BNA_N

ClientSampleId :

GAHR8DL