

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005597.D
 Acq On : 10 May 2019 20:14
 Operator : JU/SJ
 Sample : K2604-12ME
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ86ME

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	5.158	362	369	378	rBV	2230805	3305915	12.58%	1.070%
2	5.305	385	394	404	rVB	783908	1449804	5.52%	0.469%
3	5.640	443	451	461	rVB	1173682	1932696	7.36%	0.626%
4	6.763	633	642	648	rVV2	715534	1493477	5.68%	0.483%
5	6.928	664	670	675	rBV	545318	863441	3.29%	0.279%
6	7.122	698	703	711	rVB	691155	1122592	4.27%	0.363%
7	7.240	714	723	731	rBV3	1908243	4195762	15.97%	1.358%
8	7.328	731	738	745	rVB	437516	796710	3.03%	0.258%
9	7.575	772	780	786	rBV2	760034	1610975	6.13%	0.521%
10	8.110	860	871	877	rBV	4096824	7101368	27.03%	2.298%
11	8.281	896	900	906	rVB	635713	1024400	3.90%	0.332%
12	8.675	956	967	971	rBV3	880611	1892218	7.20%	0.612%
13	8.728	971	976	980	rVV	743809	1413393	5.38%	0.457%
14	8.799	984	988	993	rVV	2050986	3055762	11.63%	0.989%
15	8.922	1004	1009	1015	rVB6	507312	1110941	4.23%	0.360%
16	9.210	1051	1058	1061	rBV2	447927	811392	3.09%	0.263%
17	9.440	1091	1097	1101	rBV2	746429	1400467	5.33%	0.453%
18	9.481	1101	1104	1109	rVV2	847589	1523241	5.80%	0.493%
19	9.528	1109	1112	1121	rVV6	731870	1666982	6.34%	0.540%
20	9.634	1121	1130	1135	rVB3	555356	1484302	5.65%	0.480%
21	9.710	1138	1143	1146	rVV	854907	1152987	4.39%	0.373%
22	9.763	1146	1152	1153	rVV2	1168131	1922669	7.32%	0.622%
23	9.787	1153	1156	1160	rVV2	1629602	2667375	10.15%	0.863%
24	9.852	1163	1167	1170	rVV2	630001	1100249	4.19%	0.356%
25	9.893	1170	1174	1178	rVV3	823028	1323413	5.04%	0.428%
26	9.975	1184	1188	1194	rVB2	1054396	1805148	6.87%	0.584%
27	10.052	1196	1201	1206	rBV2	438984	810848	3.09%	0.262%
28	10.252	1232	1235	1240	rVV4	708625	1351775	5.14%	0.438%
29	10.334	1241	1249	1254	rVV2	3825957	7813509	29.74%	2.529%
30	10.399	1254	1260	1267	rVV	9000084	16156768	61.49%	5.229%
31	10.481	1267	1274	1277	rVV4	1107990	2727173	10.38%	0.883%
32	10.522	1277	1281	1286	rVV	2867946	4416322	16.81%	1.429%
33	10.575	1286	1290	1297	rVV5	433139	1007081	3.83%	0.326%
34	11.051	1359	1371	1375	rBV4	1249286	2922069	11.12%	0.946%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	11.116	1379	1382	1388	rVB3	483487	777203	2.96%	0.252%
36	11.193	1388	1395	1400	rVB4	924235	1561358	5.94%	0.505%
37	11.275	1401	1409	1415	rVB3	1137601	2463212	9.38%	0.797%
38	11.381	1421	1427	1436	rBV	3349116	6504175	24.76%	2.105%
39	11.534	1449	1453	1458	rBV2	565180	821367	3.13%	0.266%
40	11.787	1489	1496	1506	rBV2	1903738	3983827	15.16%	1.289%
41	12.028	1527	1537	1543	rVB	14158158	26274166	100.00%	8.504%
42	12.240	1567	1573	1582	rVV	6543742	11070036	42.13%	3.583%
43	12.481	1610	1614	1621	rVB4	1299564	2544270	9.68%	0.823%
44	12.546	1621	1625	1632	rVB3	854735	1441022	5.48%	0.466%
45	12.616	1632	1637	1647	rVB	1169484	2075979	7.90%	0.672%
46	12.704	1647	1652	1657	rBV2	832157	1545141	5.88%	0.500%
47	12.763	1657	1662	1666	rVB	3150134	4145170	15.78%	1.342%
48	13.051	1702	1711	1719	rBV3	1982496	5587060	21.26%	1.808%
49	13.145	1723	1727	1731	rBV3	540655	775546	2.95%	0.251%
50	13.245	1736	1744	1759	rVB	4076250	8505925	32.37%	2.753%
51	13.381	1760	1767	1768	rBV	4060637	6075237	23.12%	1.966%
52	13.540	1788	1794	1799	rVV	4574055	8175846	31.12%	2.646%
53	13.592	1799	1803	1807	rVV	3271173	4622208	17.59%	1.496%
54	13.634	1807	1810	1814	rVB	2179588	2797419	10.65%	0.905%
55	13.716	1814	1824	1828	rBV3	3272938	6215400	23.66%	2.012%
56	13.775	1828	1834	1838	rBV2	2102681	3639339	13.85%	1.178%
57	13.910	1852	1857	1860	rBV	2188246	3391568	12.91%	1.098%
58	14.140	1890	1896	1900	rBV2	1259336	1821730	6.93%	0.590%
59	14.204	1901	1907	1915	rBV5	1969328	4875624	18.56%	1.578%
60	14.281	1915	1920	1924	rBV2	1887550	2983211	11.35%	0.966%
61	14.434	1941	1946	1956	rVB2	1675248	3990919	15.19%	1.292%
62	14.628	1968	1979	1986	rBV2	1534816	4327234	16.47%	1.401%
63	14.704	1987	1992	1996	rVV2	1788742	2483851	9.45%	0.804%
64	14.763	1998	2002	2008	rVB	1758845	2353086	8.96%	0.762%
65	14.834	2009	2014	2020	rBV3	1411883	2785024	10.60%	0.901%
66	14.898	2021	2025	2029	rVB	1027165	1340970	5.10%	0.434%
67	15.016	2037	2045	2048	rBV3	891648	2008532	7.64%	0.650%
68	15.098	2055	2059	2063	rVB	842726	1026290	3.91%	0.332%
69	15.216	2072	2079	2084	rVB2	2857334	5102503	19.42%	1.652%
70	15.275	2084	2089	2093	rBV2	1698134	2490979	9.48%	0.806%
71	15.316	2093	2096	2101	rVB4	499120	798416	3.04%	0.258%

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72	15.369	2101	2105	2108	rBV3	606492	869935	3.31%	0.282%
73	15.504	2121	2128	2133	rVB	2533576	4511771	17.17%	1.460%
74	15.598	2142	2144	2150	rVB3	633721	744966	2.84%	0.241%
75	15.657	2150	2154	2157	rBV2	468504	802068	3.05%	0.260%
76	15.716	2157	2164	2171	rVB7	762711	2232393	8.50%	0.723%
77	15.986	2201	2210	2215	rBV	3826432	6758460	25.72%	2.187%
78	16.263	2253	2257	2259	rBV	538315	757796	2.88%	0.245%
79	16.334	2265	2269	2272	rVB	834546	978315	3.72%	0.317%
80	16.804	2343	2349	2360	rVB2	2006345	3659999	13.93%	1.185%
81	16.975	2373	2378	2381	rBV	1621784	2397156	9.12%	0.776%
82	17.016	2381	2385	2390	rVV	4931595	6956812	26.48%	2.252%
83	17.075	2390	2395	2398	rVV	2970038	4156896	15.82%	1.345%
84	17.104	2398	2400	2407	rVB	808976	1118045	4.26%	0.362%
85	17.851	2523	2527	2531	rVV	1316693	1780647	6.78%	0.576%
86	17.898	2531	2535	2540	rVB	1456290	1957086	7.45%	0.633%
87	18.039	2554	2559	2564	rVV2	1061901	2044842	7.78%	0.662%
88	18.086	2564	2567	2573	rVB	809675	1101213	4.19%	0.356%
89	18.780	2681	2685	2690	rBV3	533345	861824	3.28%	0.279%
90	19.051	2726	2731	2737	rVB2	896903	1243063	4.73%	0.402%
91	19.386	2783	2788	2791	rBV	3531636	5016828	19.09%	1.624%
92	19.416	2791	2793	2797	rVB	1200616	1324641	5.04%	0.429%
93	21.204	3090	3097	3101	rBV2	2434797	3818364	14.53%	1.236%
94	22.263	3272	3277	3287	rVB	901726	1309379	4.98%	0.424%
95	22.757	3356	3361	3372	rVB2	1148918	1883433	7.17%	0.610%
96	23.263	3441	3447	3452	rVV	2385442	4506207	17.15%	1.459%
97	23.310	3452	3455	3462	rVB	1190211	1774994	6.76%	0.575%
98	23.404	3464	3471	3477	rBV2	1383450	2605360	9.92%	0.843%
99	23.933	3555	3561	3569	rVB	632764	1173983	4.47%	0.380%
100	24.657	3678	3684	3693	rVB	371392	800406	3.05%	0.259%

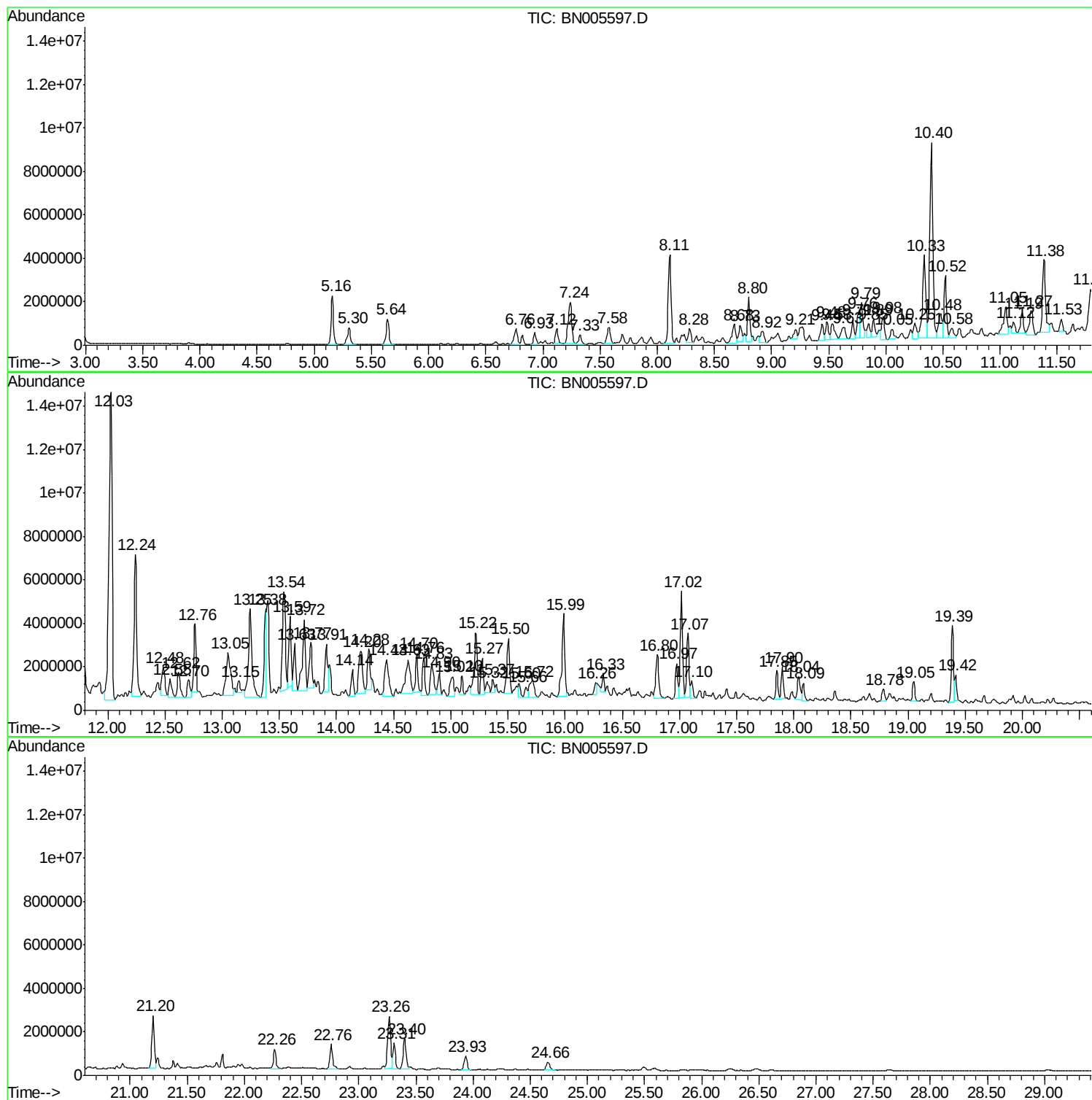
Sum of corrected areas: 308960949

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GAJ86ME

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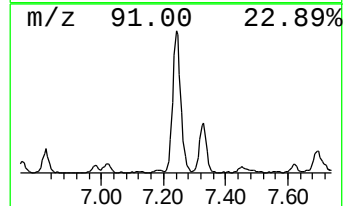
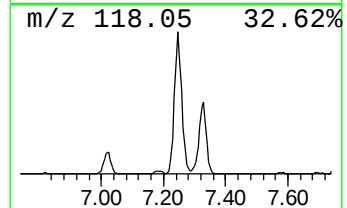
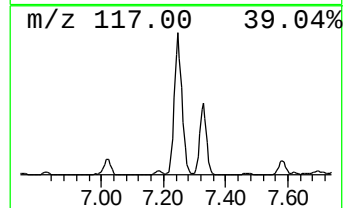
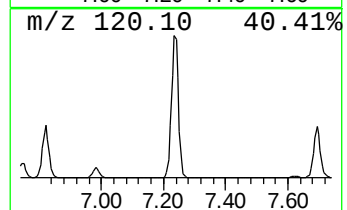
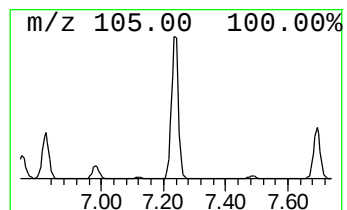
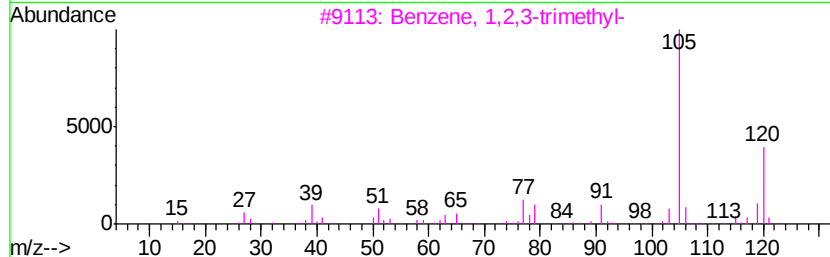
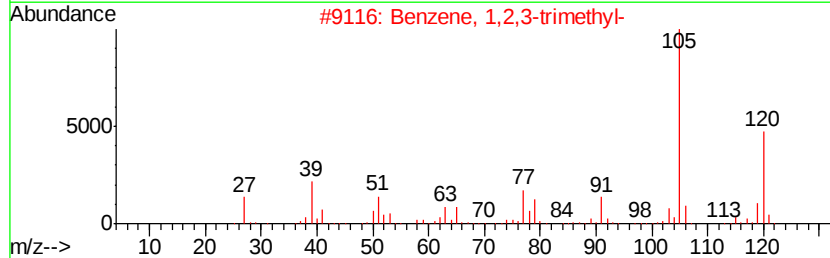
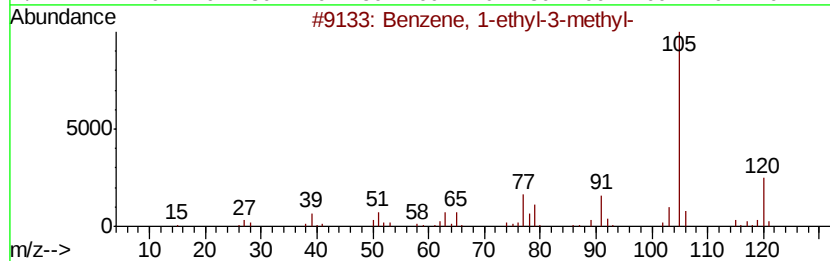
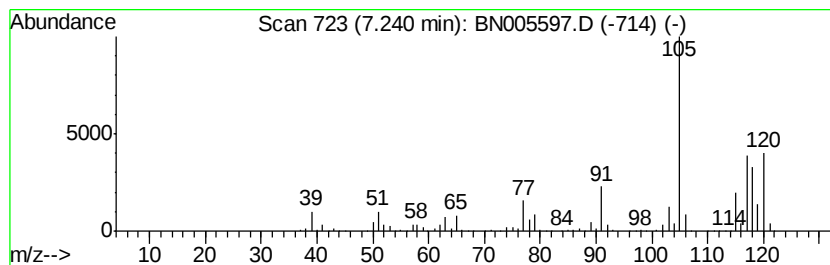
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	52.09 ng/ul	4195760	1,4-Dichlorobenzene-d4	7.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	50
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	50
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	50
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	46
5		2,4-Nonadiyne	120	C9H12	063621-15-8	46



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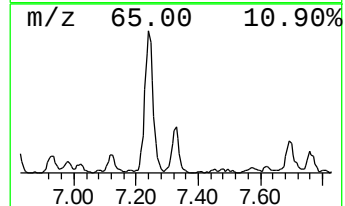
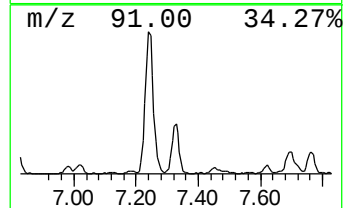
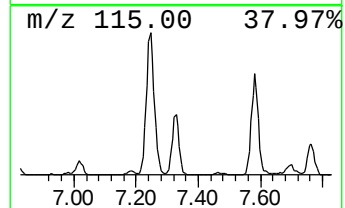
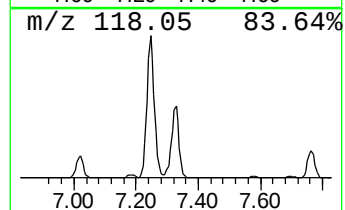
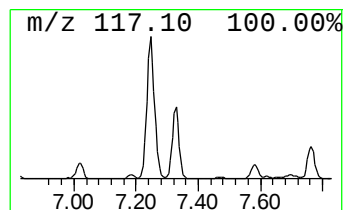
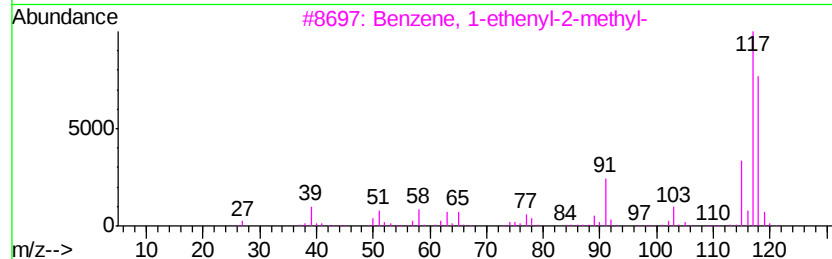
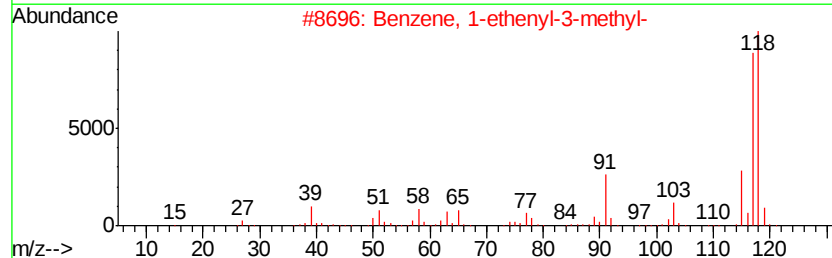
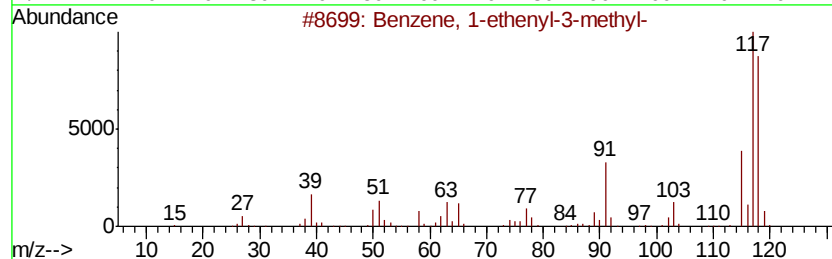
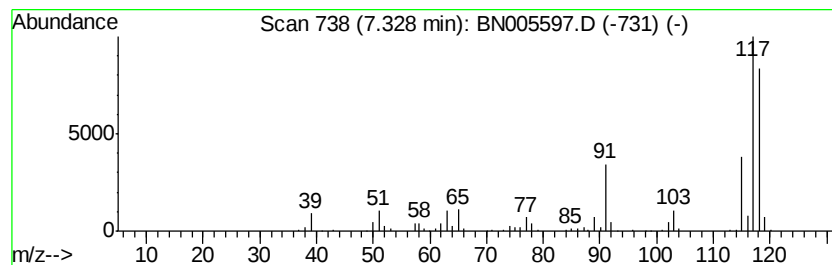
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-ethenyl-3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	9.89 ng/ul	796710	1,4-Dichlorobenzene-d4	7.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93



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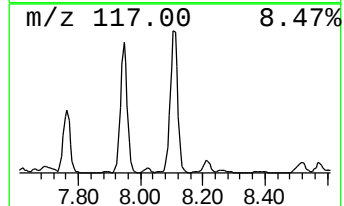
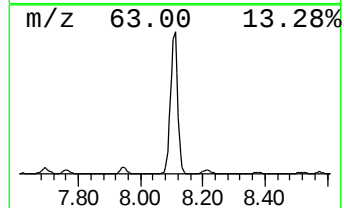
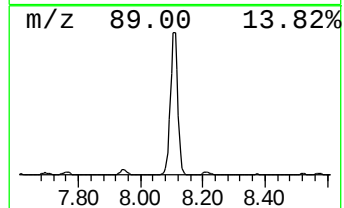
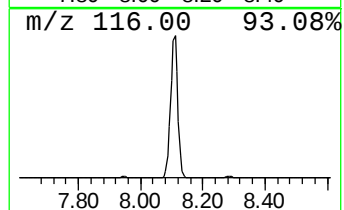
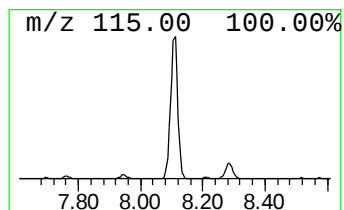
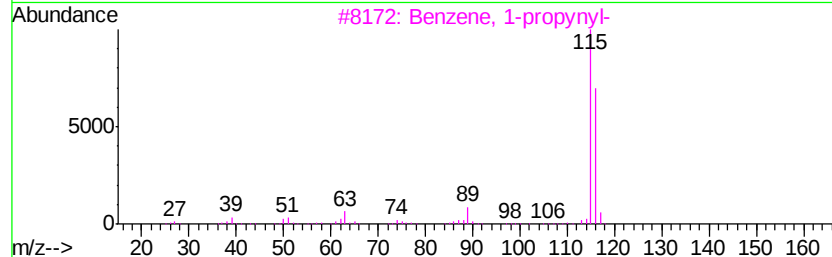
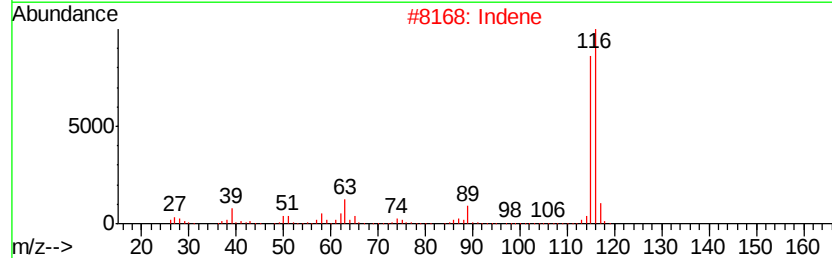
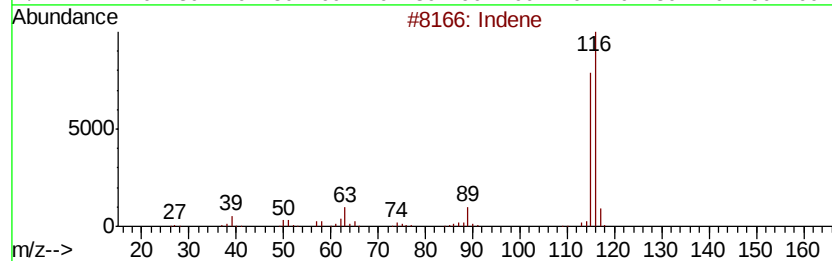
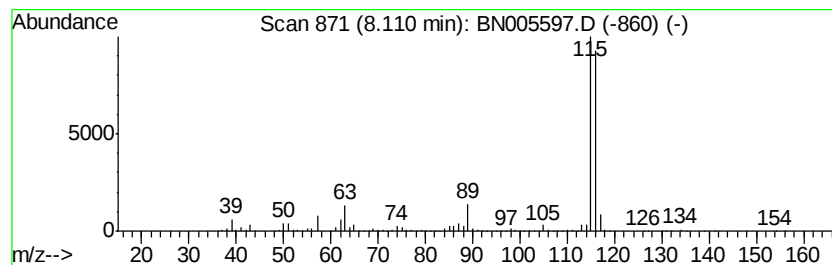
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	88.16 ng/ul	7101370	1,4-Dichlorobenzene-d4	7.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	95
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

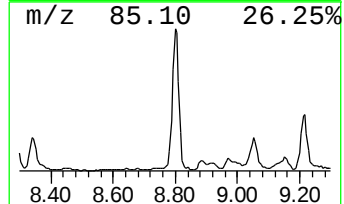
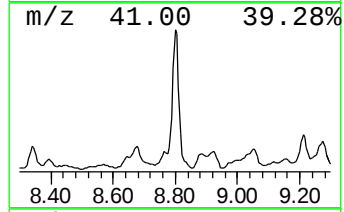
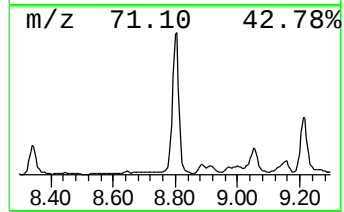
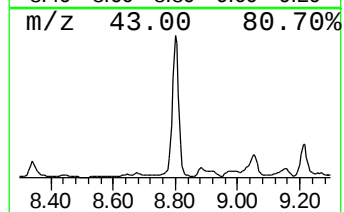
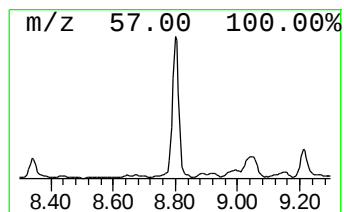
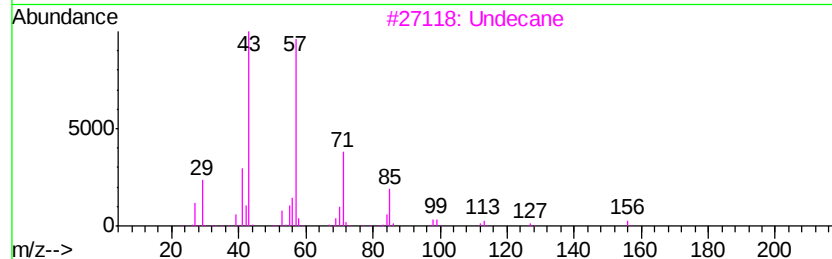
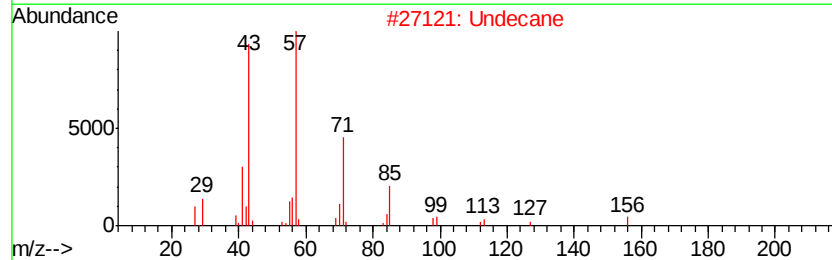
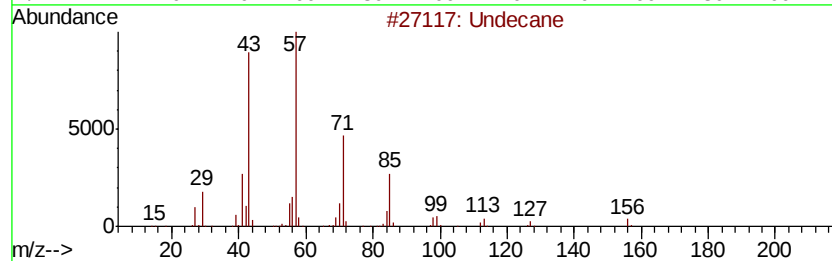
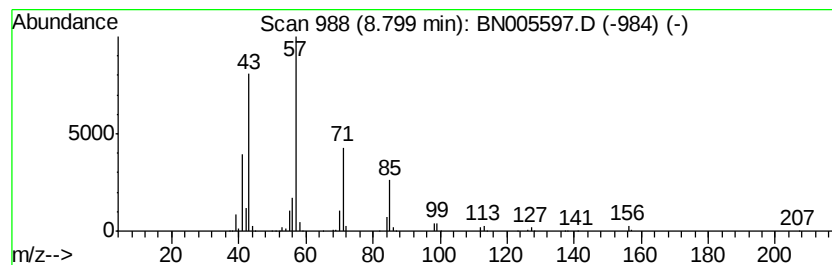
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	37.94 ng/ul	3055760	1,4-Dichlorobenzene-d4	7.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	95
2		Undecane	156	C11H24	001120-21-4	94
3		Undecane	156	C11H24	001120-21-4	93
4		Hexadecane	226	C16H34	000544-76-3	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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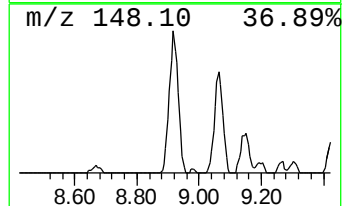
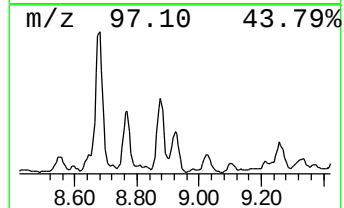
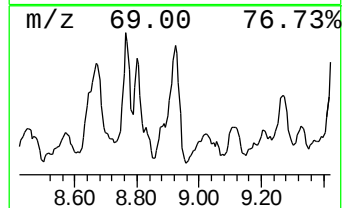
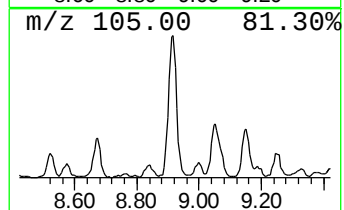
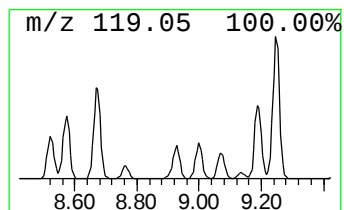
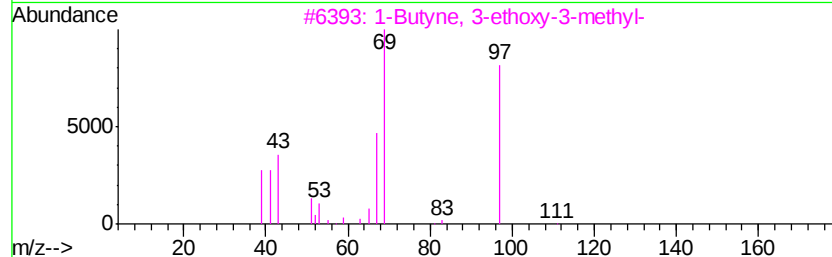
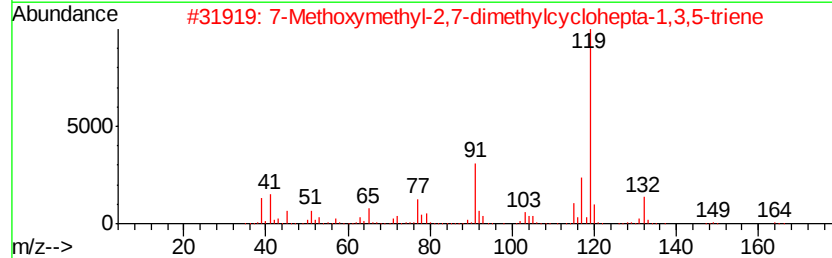
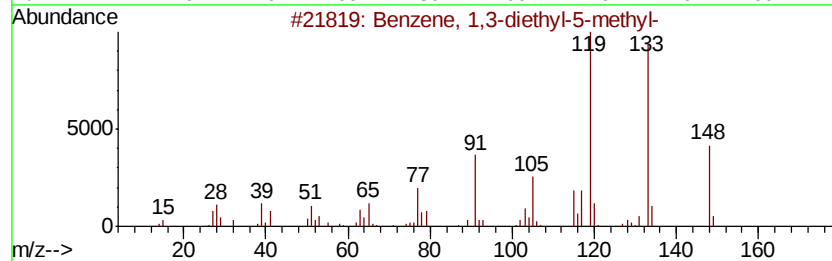
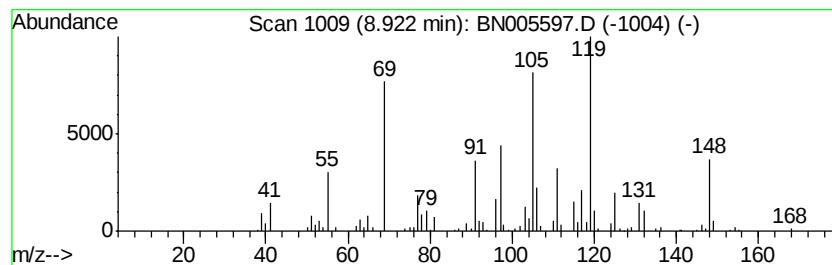
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	13.79 ng/ul	1110940	1,4-Dichlorobenzene-d4	7.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
2		7-Methoxymethyl-2,7-dimethylcyclo...	164	C11H16O	073992-48-0	22
3		1-Butyne, 3-ethoxy-3-methyl-	112	C7H12O	007740-69-4	22
4		1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	22
5		Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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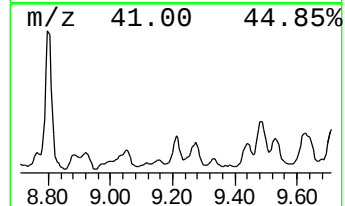
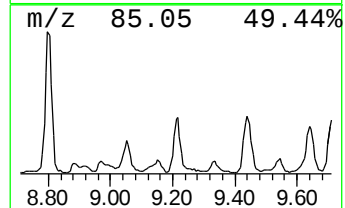
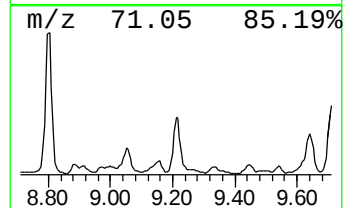
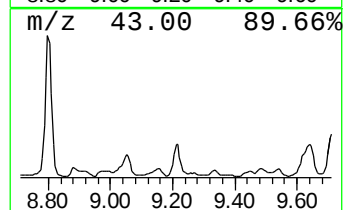
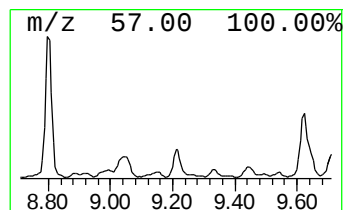
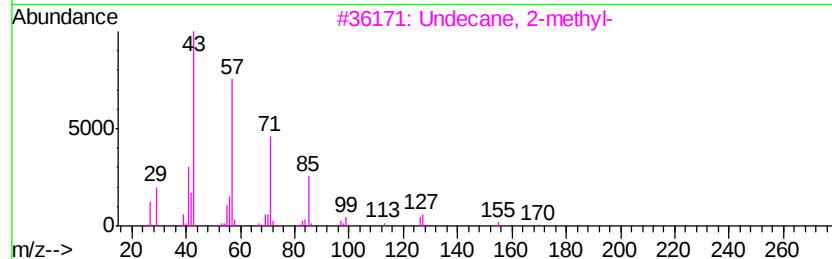
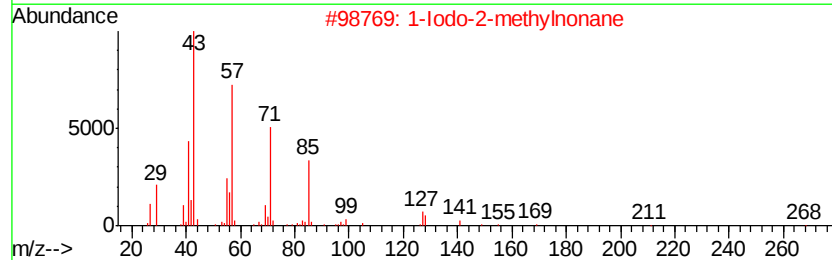
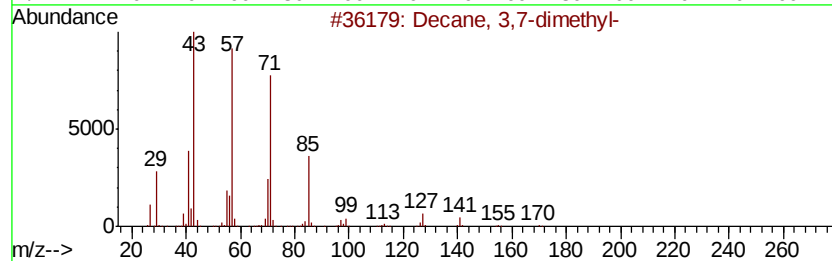
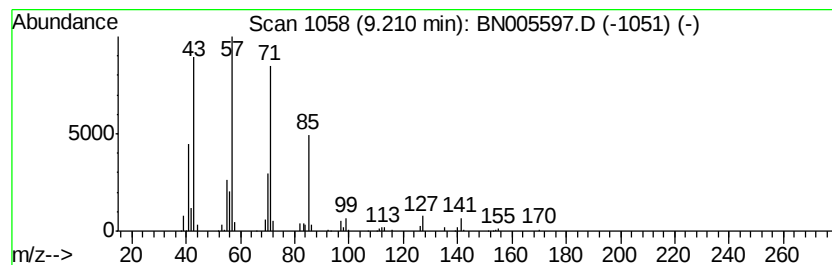
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	2.08 ng/ul	811392	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	93
2			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	78
3			Undecane, 2-methyl-	170	C12H26	007045-71-8	72
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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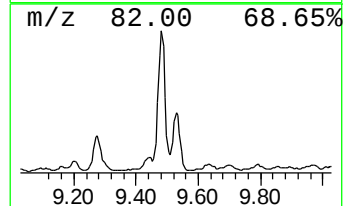
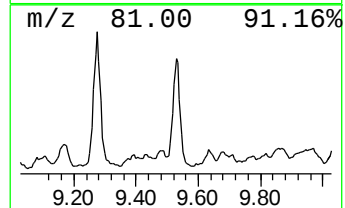
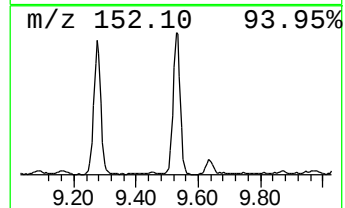
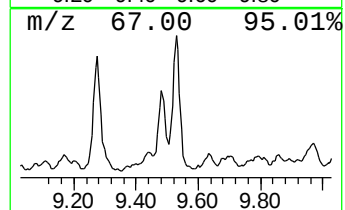
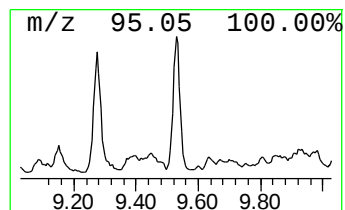
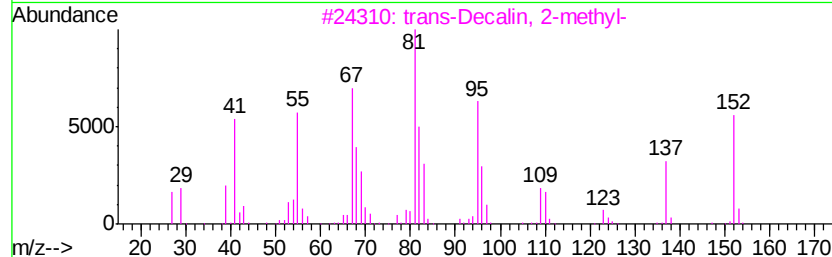
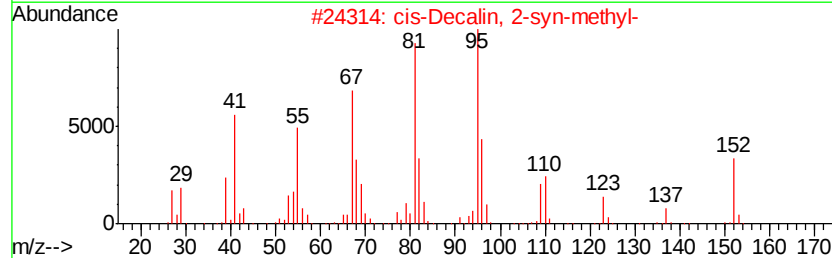
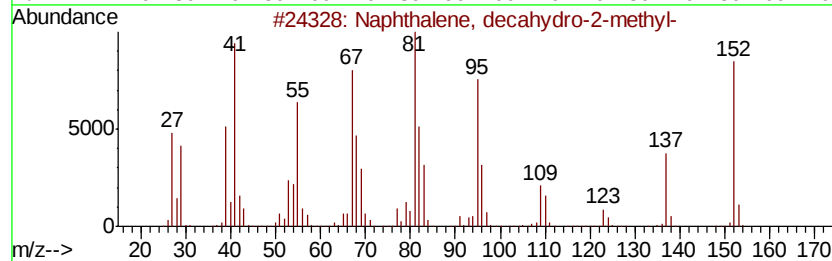
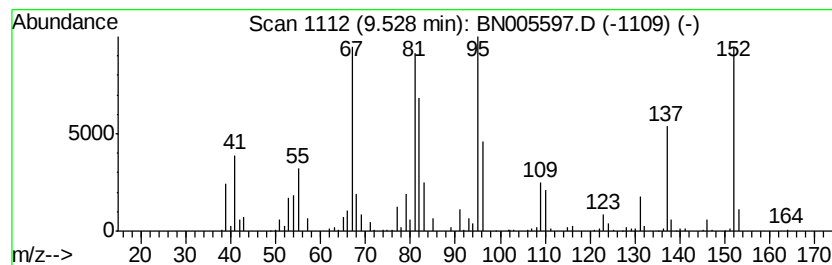
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	4.27 ng/ul	1666980	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	83
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	81
5		4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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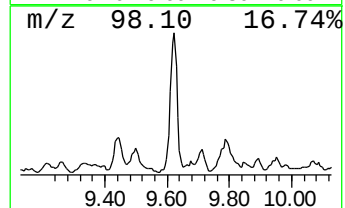
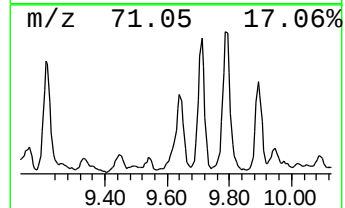
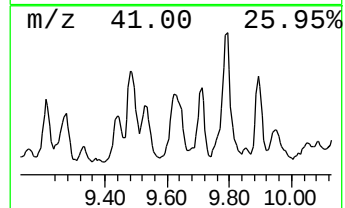
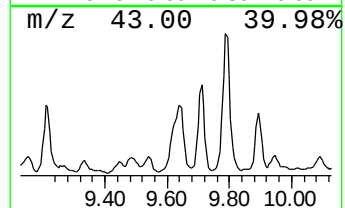
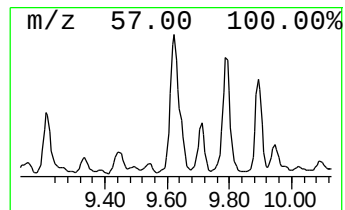
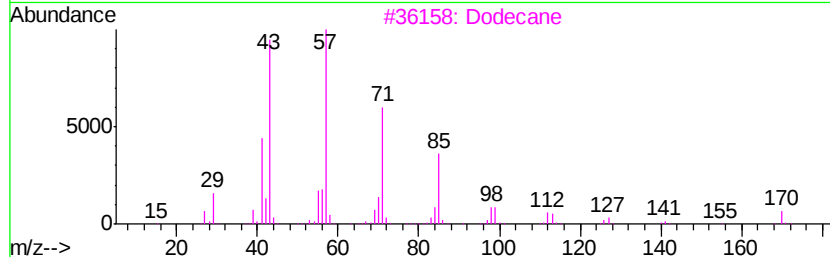
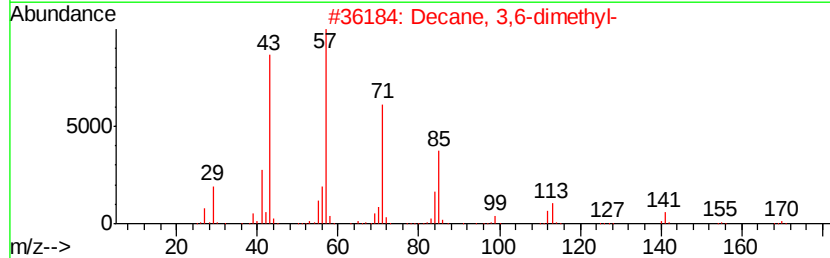
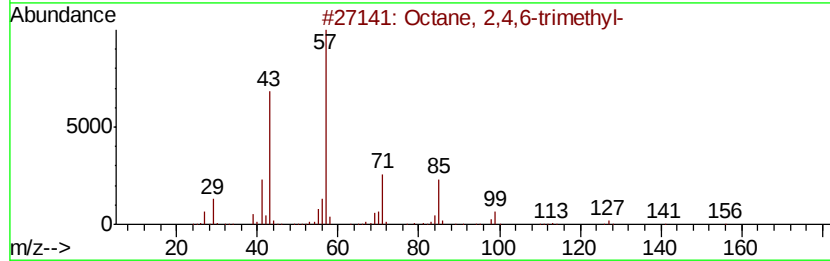
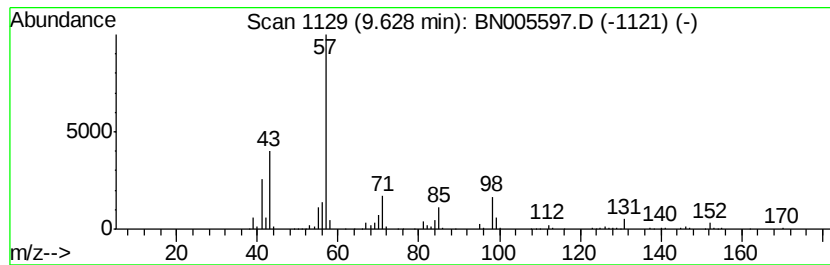
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	3.80 ng/ul	1484300	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	52
3		Dodecane	170	C12H26	000112-40-3	50
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	50
5		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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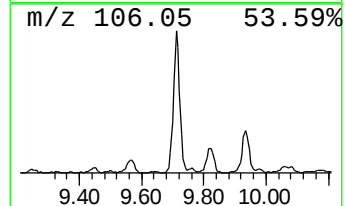
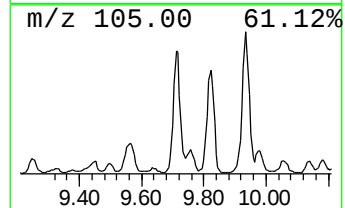
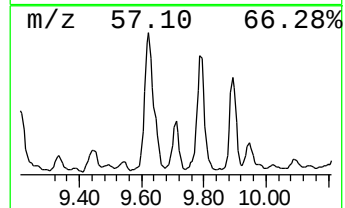
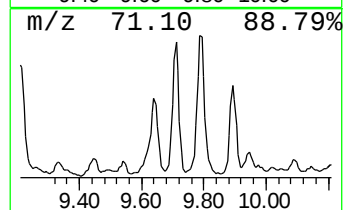
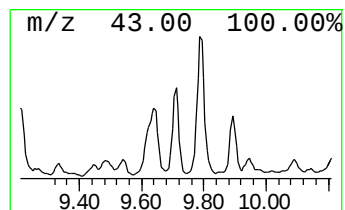
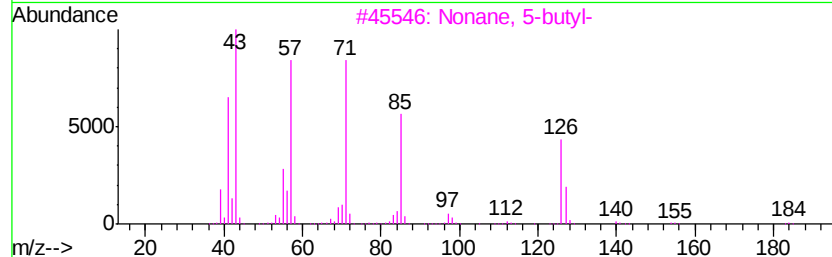
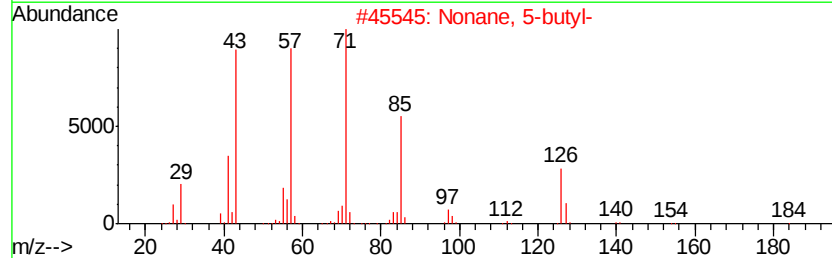
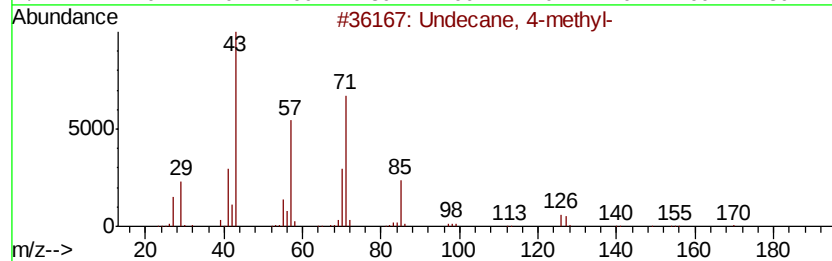
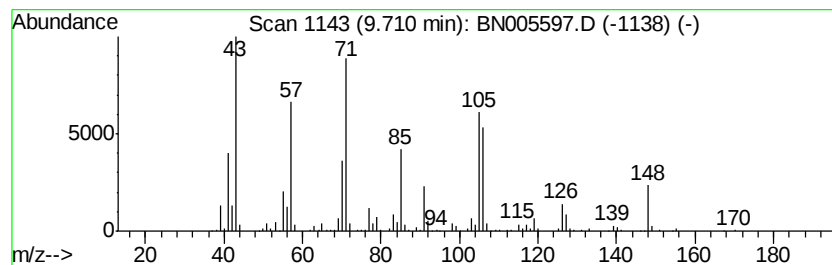
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	2.95 ng/ul	1152990	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4-methyl-	170	C12H26	002980-69-0	55
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	47
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	47
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	47
5		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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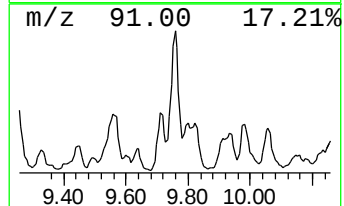
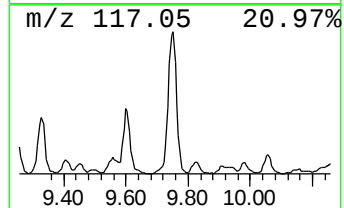
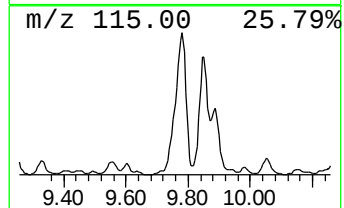
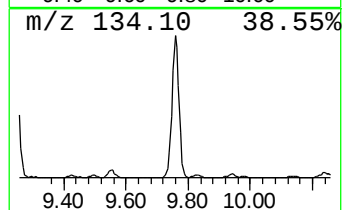
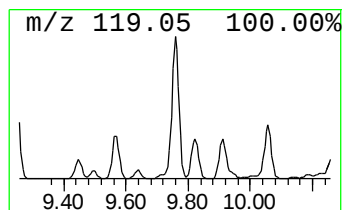
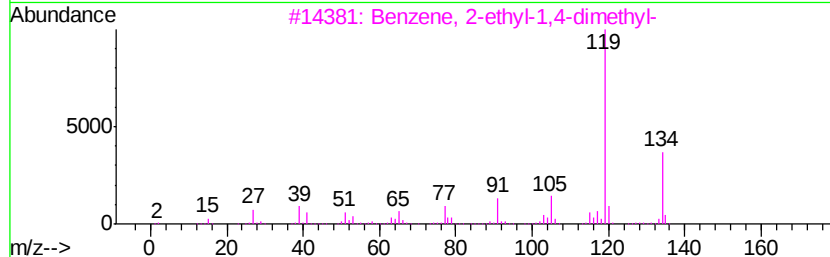
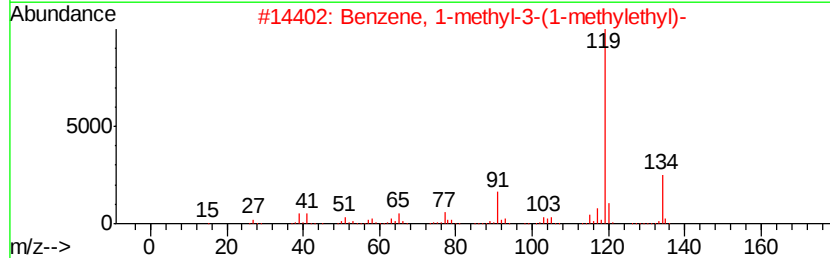
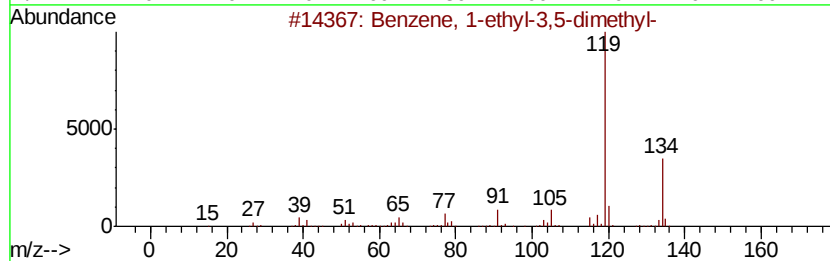
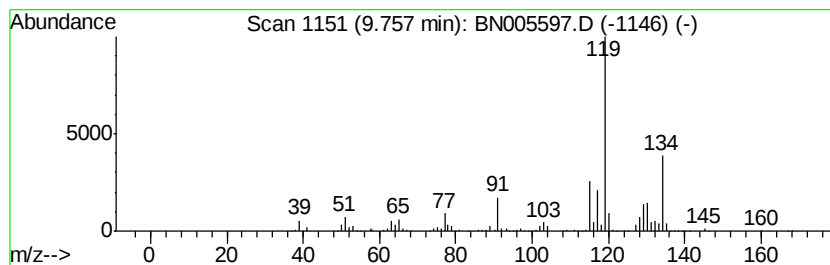
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	4.92 ng/ul	1922670	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
4		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	64
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

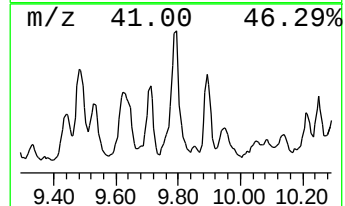
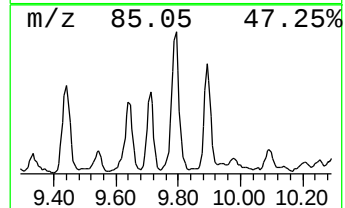
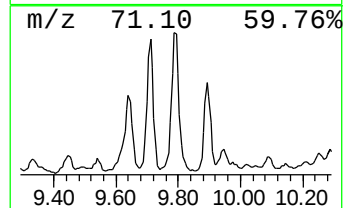
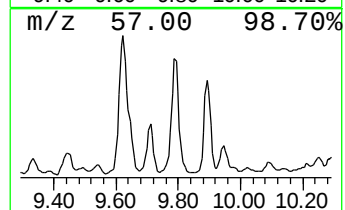
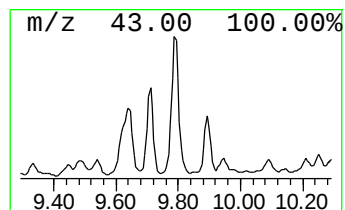
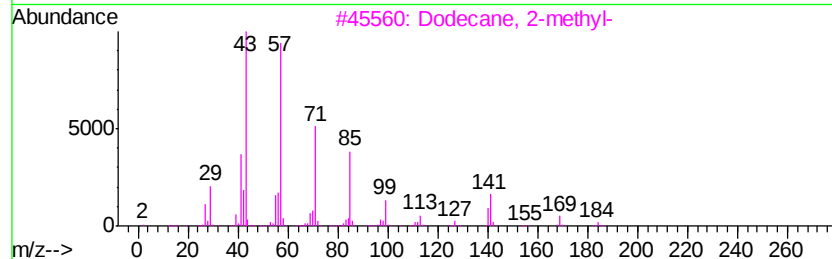
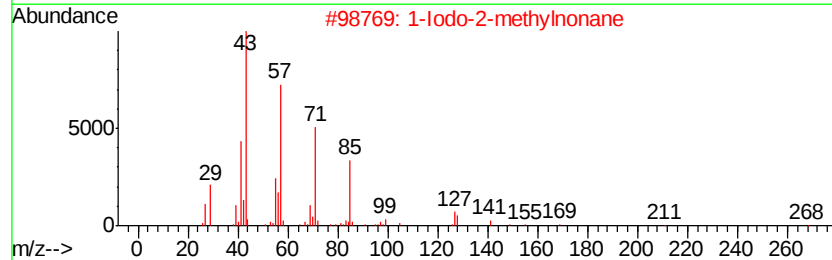
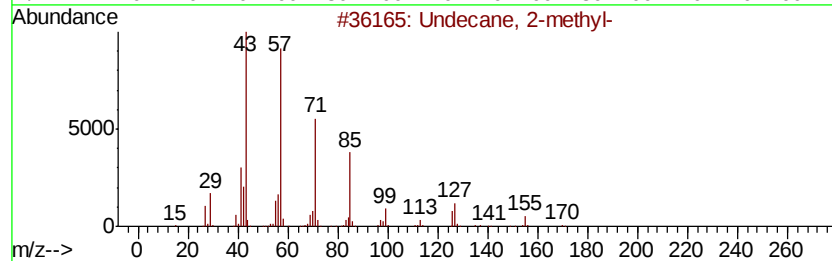
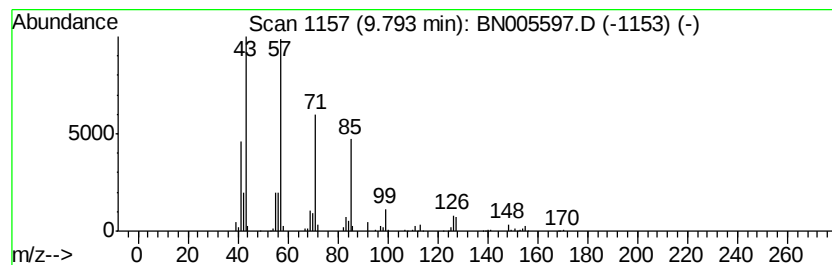
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	6.83 ng/ul	2667380	Napthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	81
2			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
4			Nonane	128	C9H20	000111-84-2	49
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

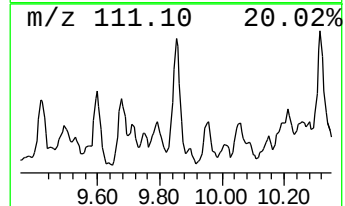
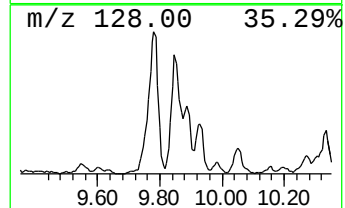
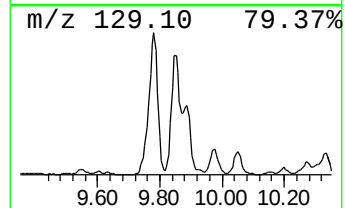
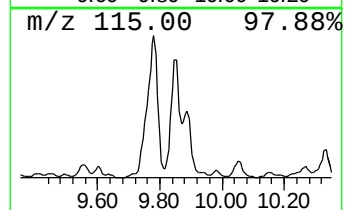
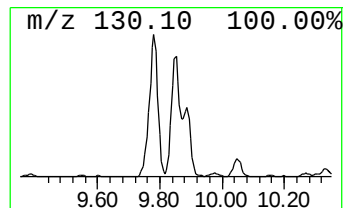
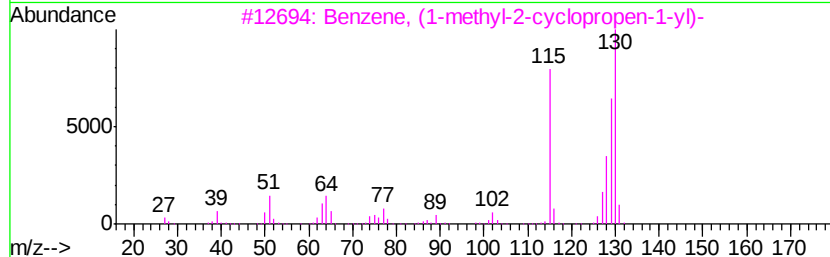
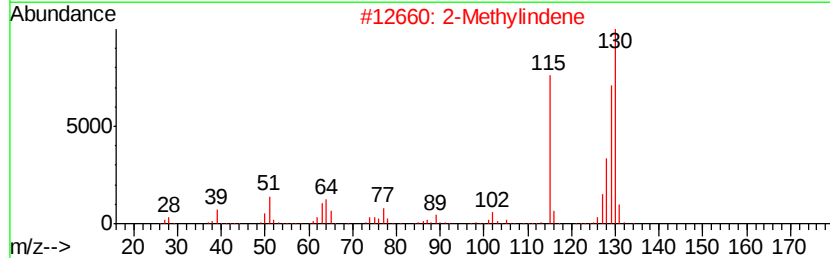
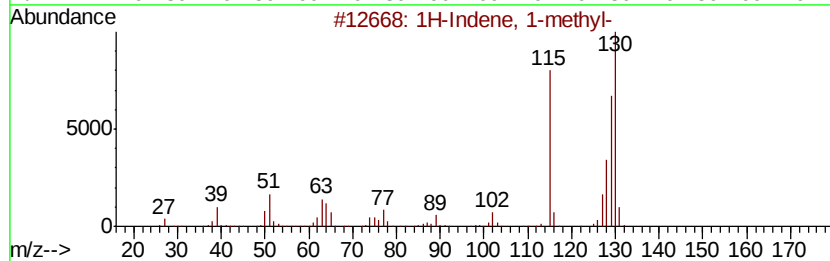
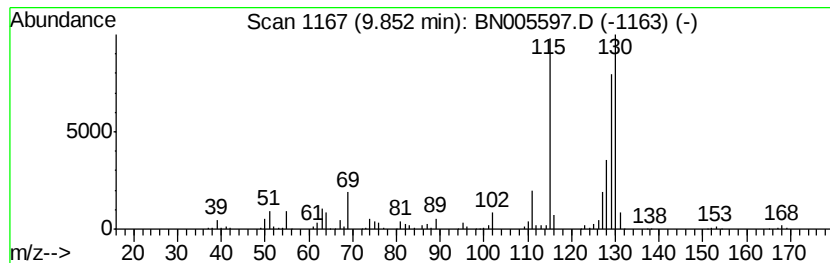
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1H-Indene, 1-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.82 ng/ul	1100250	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2			2-Methylindene	130	C10H10	002177-47-1	93
3			Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	91
4			Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	83
5			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

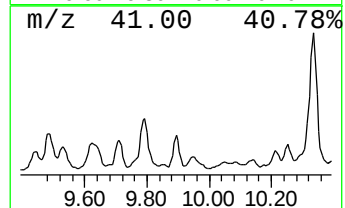
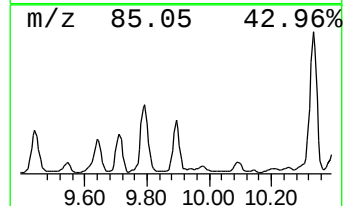
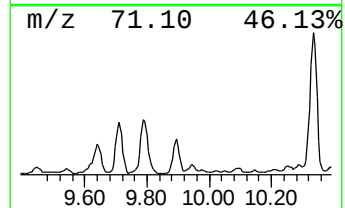
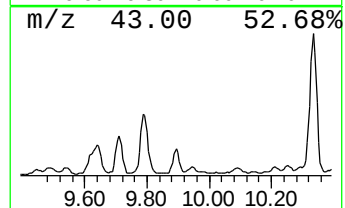
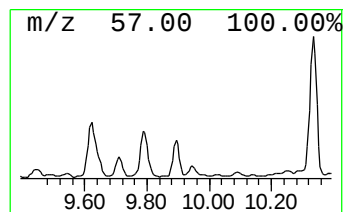
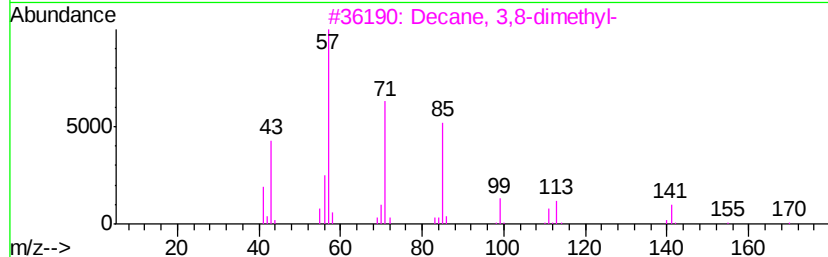
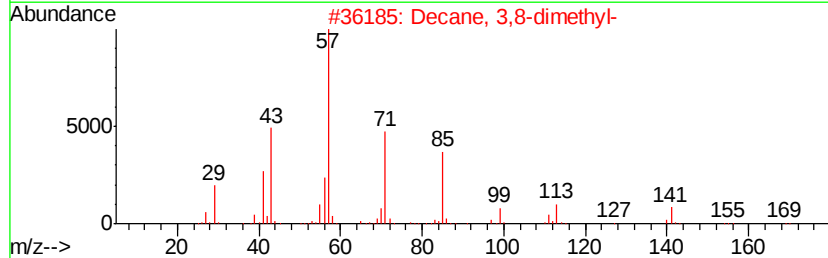
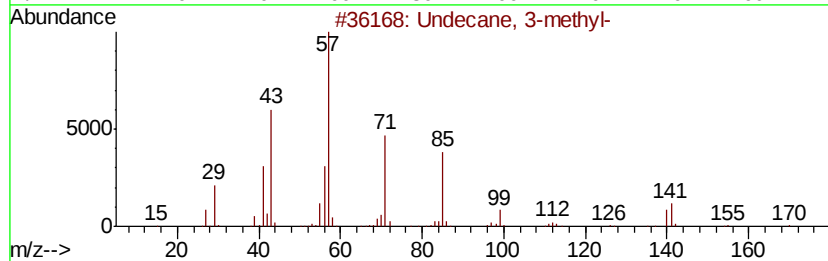
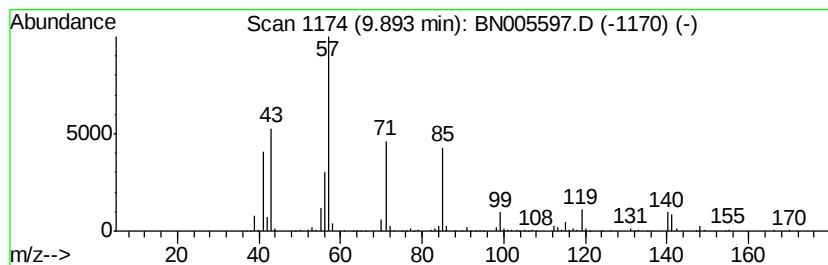
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	3.39 ng/ul	1323410	Napthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-			170	C12H26	001002-43-3	81
2	Decane, 3,8-dimethyl-			170	C12H26	017312-55-9	72
3	Decane, 3,8-dimethyl-			170	C12H26	017312-55-9	68
4	Dodecane, 3-methyl-			184	C13H28	017312-57-1	64
5	Tridecane, 3-methyl-			198	C14H30	006418-41-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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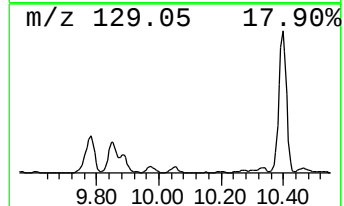
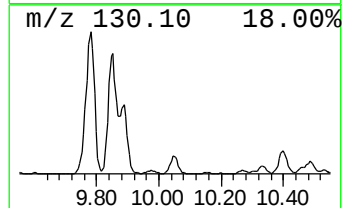
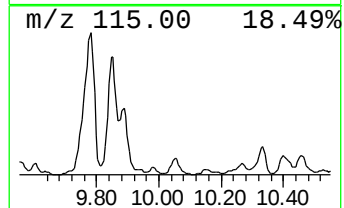
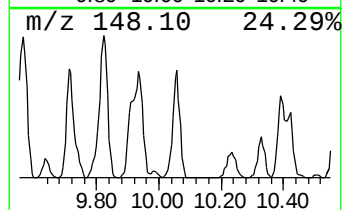
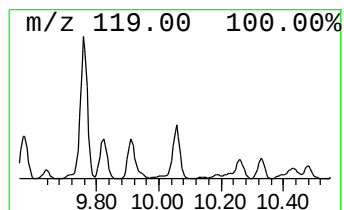
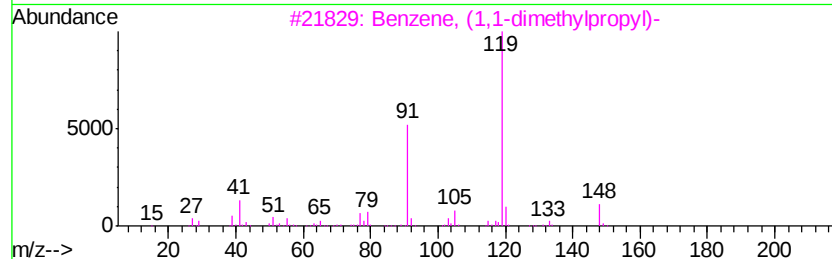
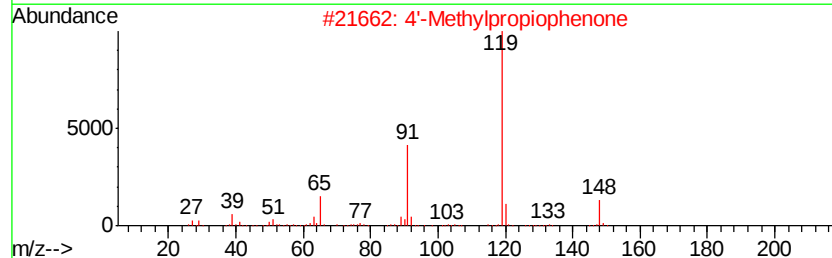
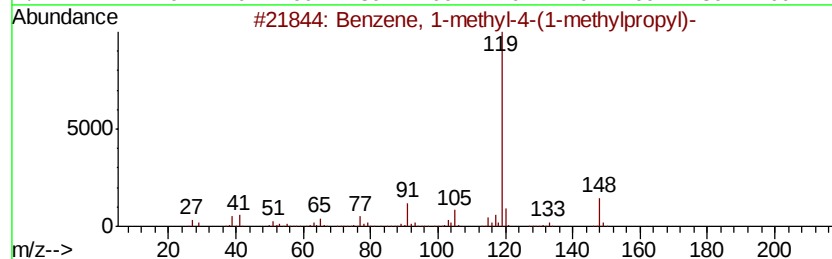
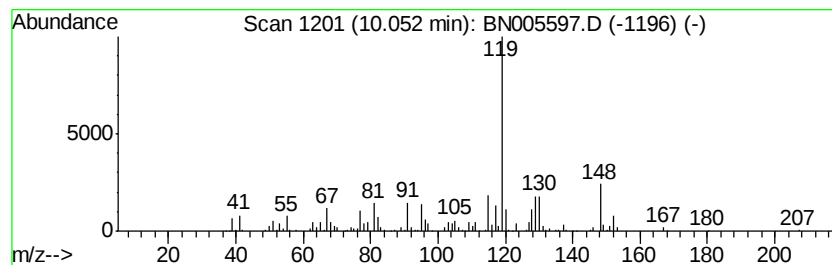
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzene, 1-methyl-4-(1-meth... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	2.08 ng/ul	810848	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2		4'-Methylpropiophenone	148	C10H12O	005337-93-9	50
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	47
5		Dicumyl peroxide	270	C18H22O2	000080-43-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

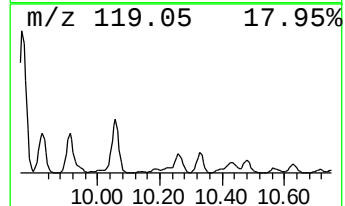
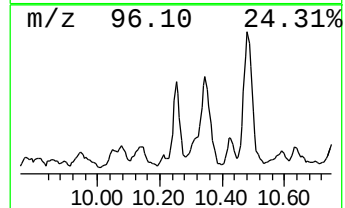
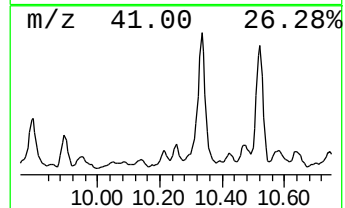
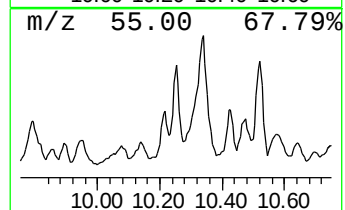
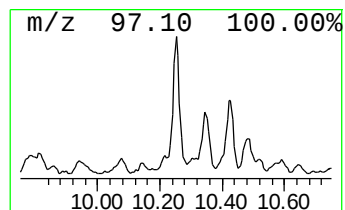
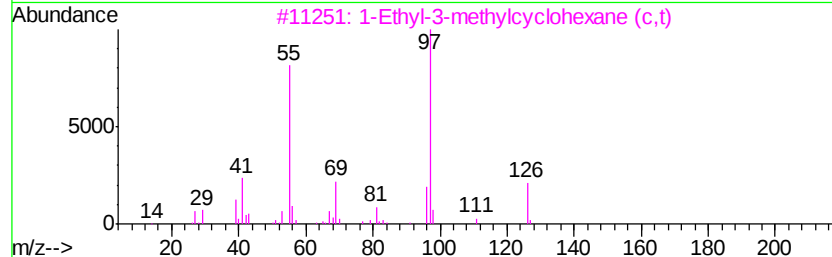
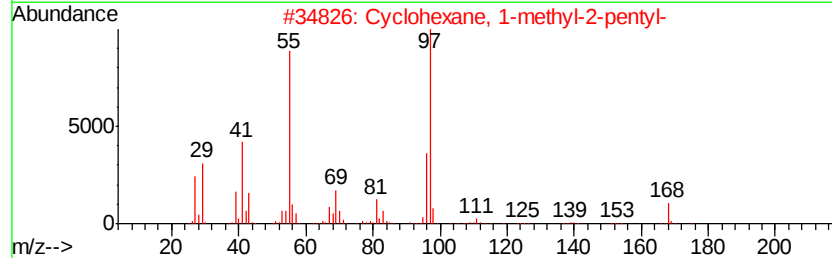
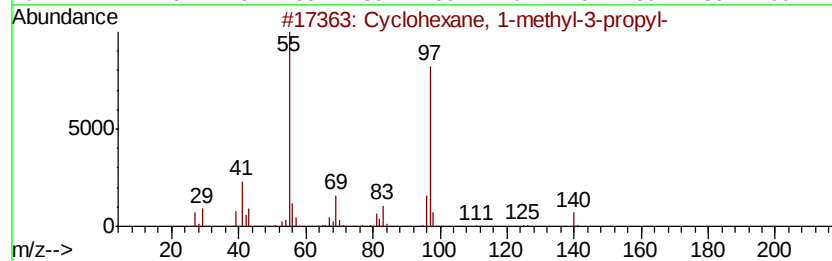
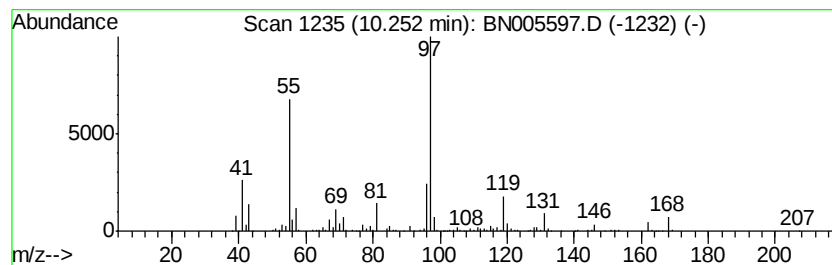
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Cyclic10.25 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	3.46 ng/ul	1351780	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	50
2		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	50
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	50
4		Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	47
5		Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

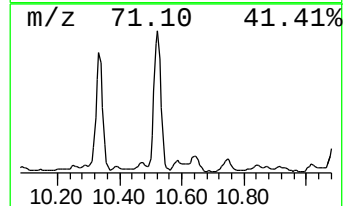
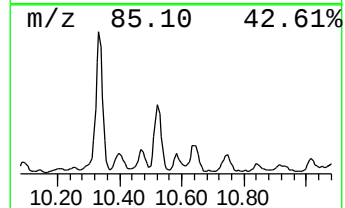
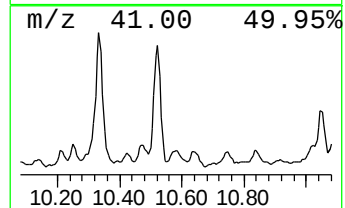
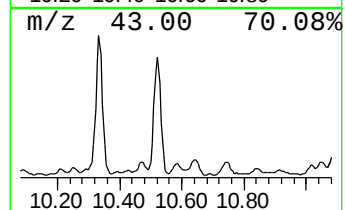
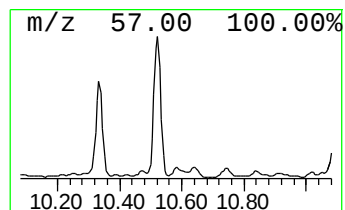
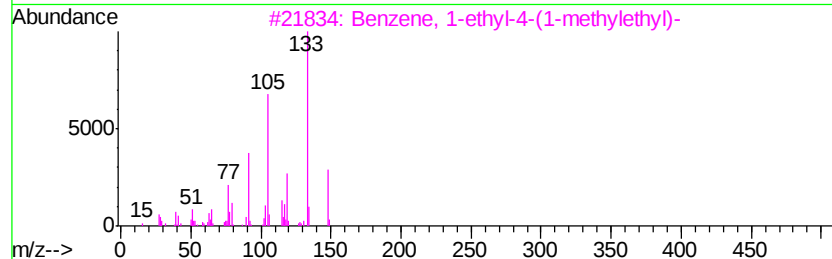
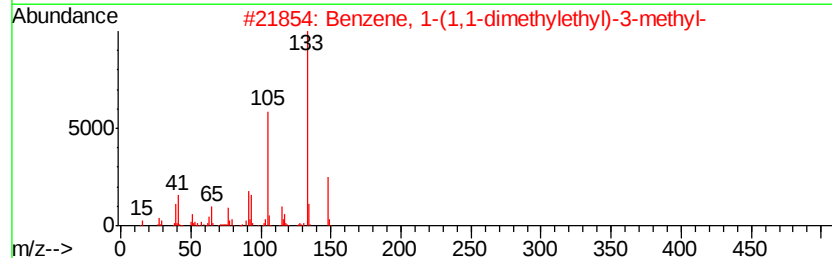
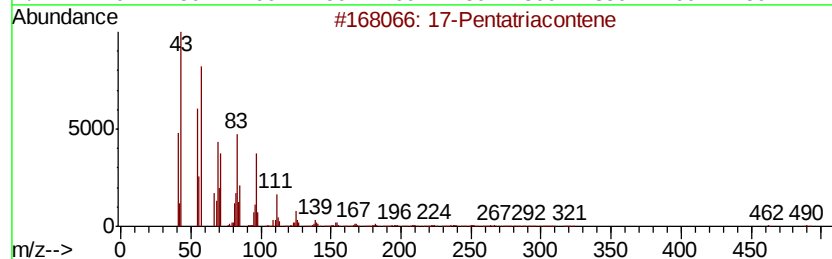
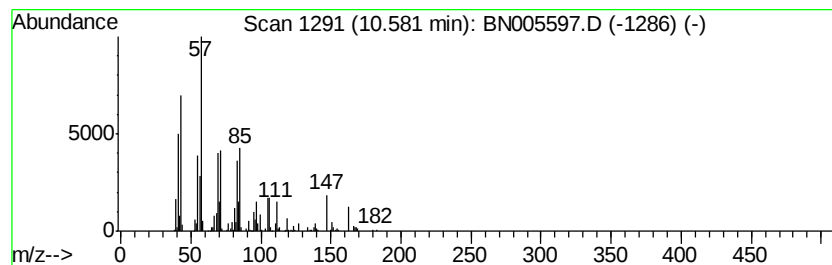
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Cyclic10.58 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.58 ng/ul	1007080	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17-Pentatriacontene	491	C35H70	006971-40-0	38
2			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	25
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	25
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	25
5			Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

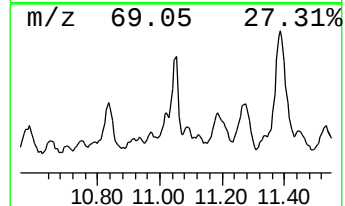
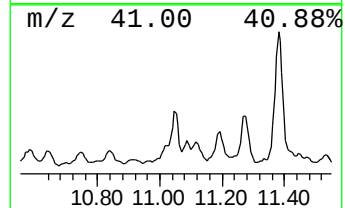
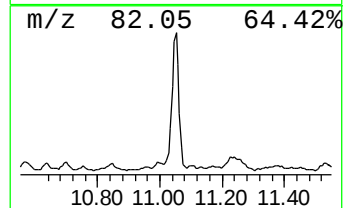
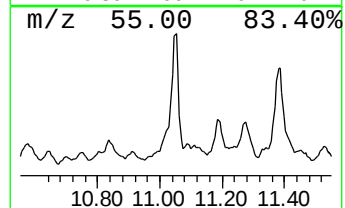
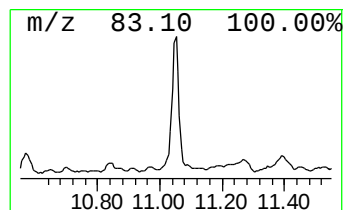
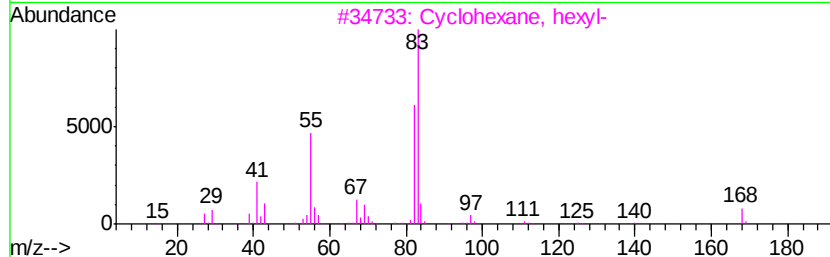
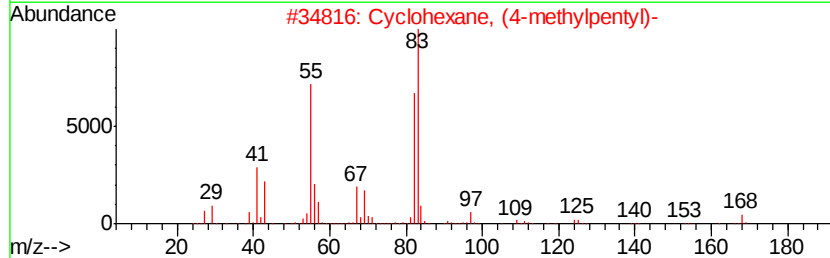
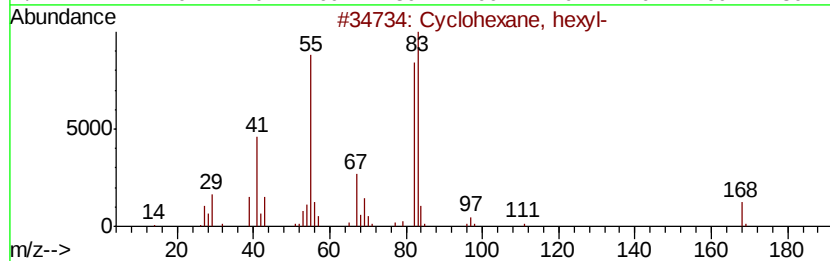
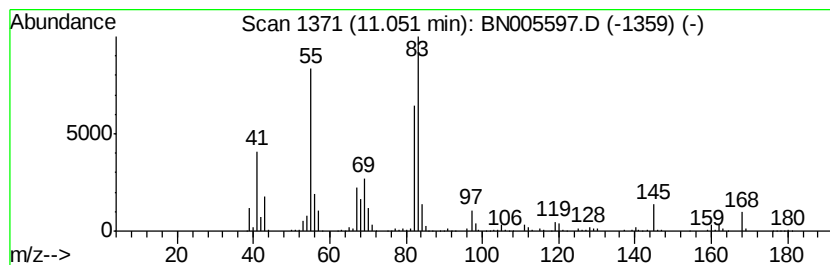
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Cyclic11.05 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	7.48 ng/ul	2922070	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	87
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	87
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

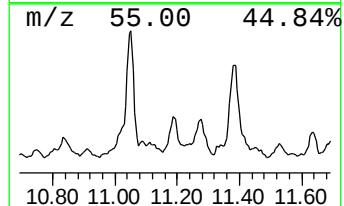
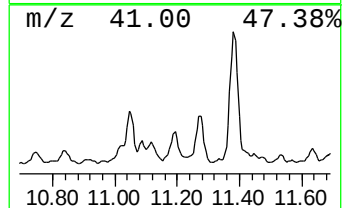
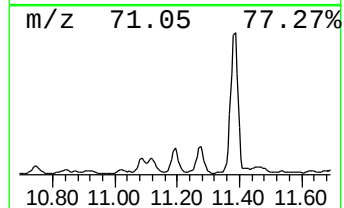
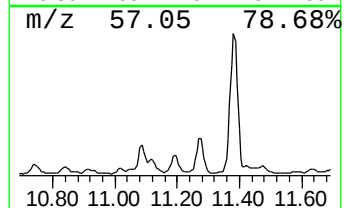
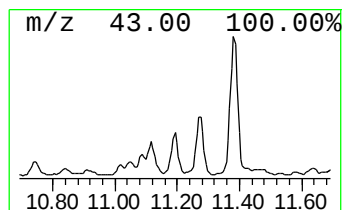
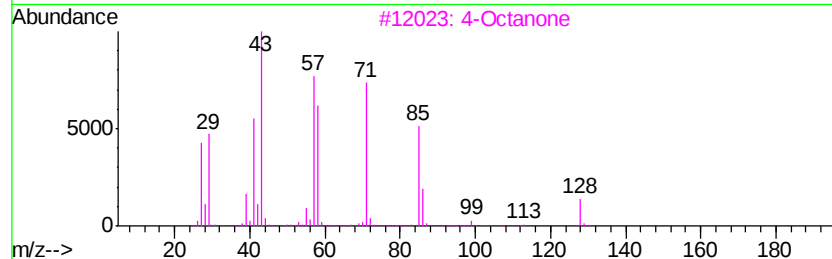
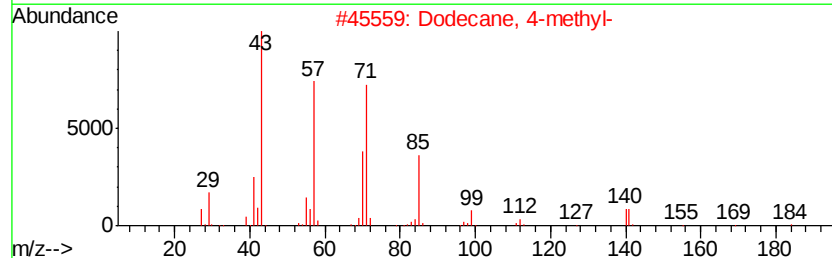
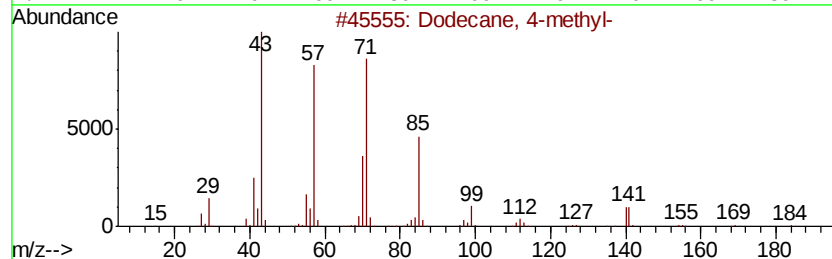
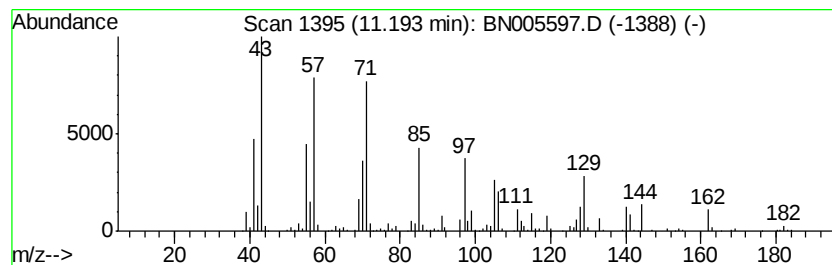
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	4.00 ng/ul	1561360	Napthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	95
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	90
3			4-Octanone	128	C8H16O	000589-63-9	46
4			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	46
5			4-Octanone	128	C8H16O	000589-63-9	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

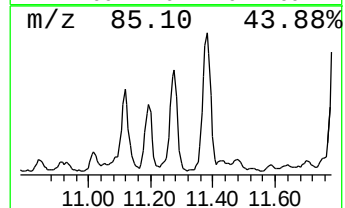
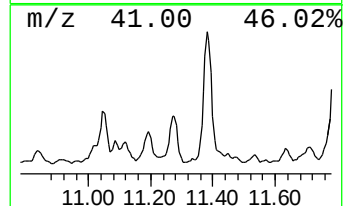
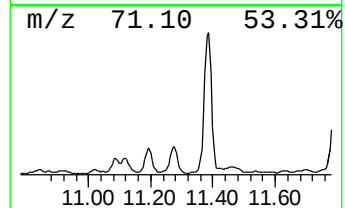
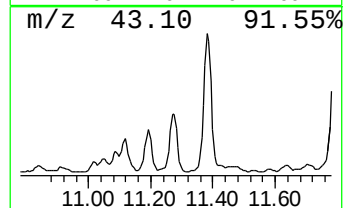
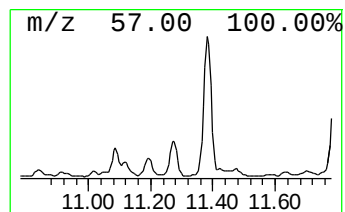
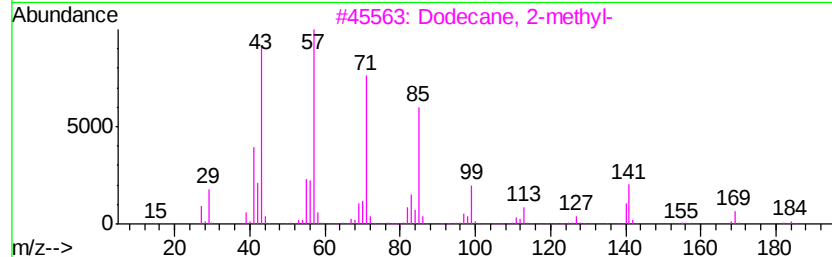
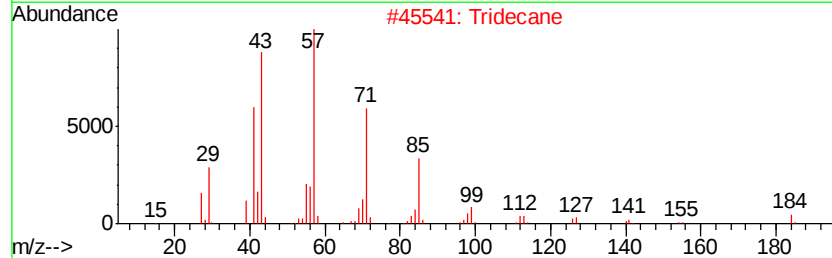
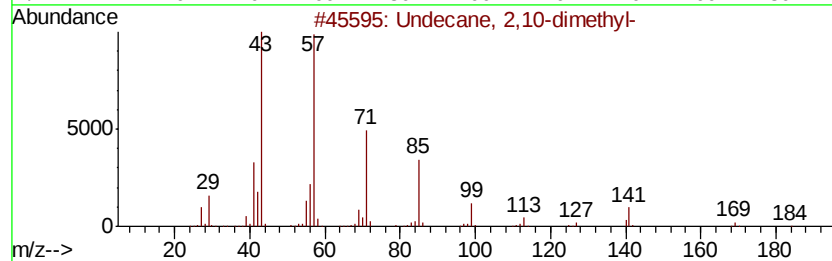
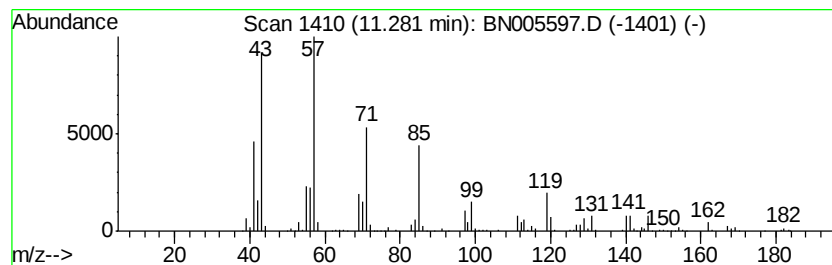
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	6.31 ng/ul	2463210	Napthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	87
2			Tridecane	184	C13H28	000629-50-5	80
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
4			Hexadecane	226	C16H34	000544-76-3	74
5			Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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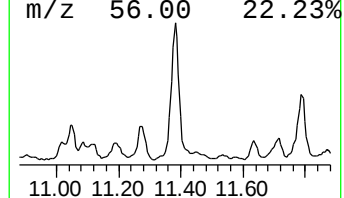
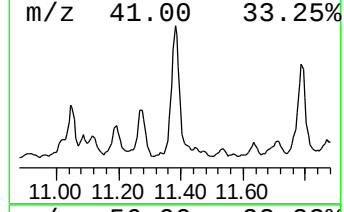
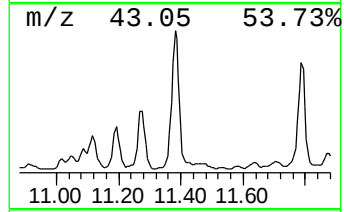
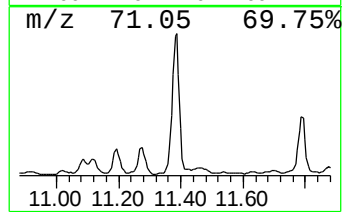
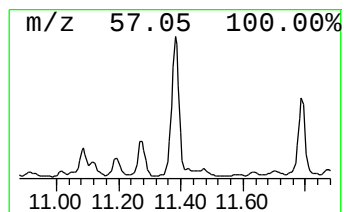
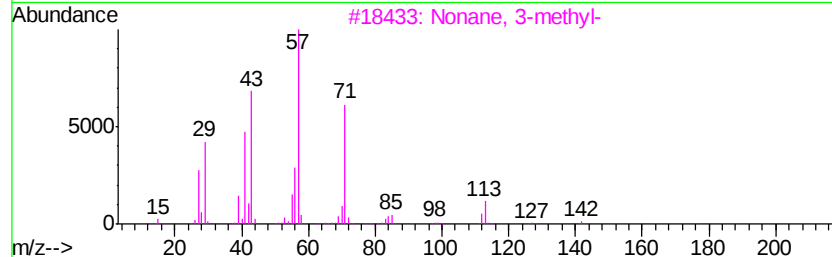
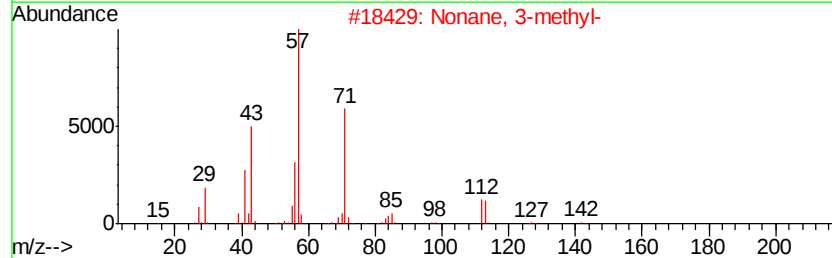
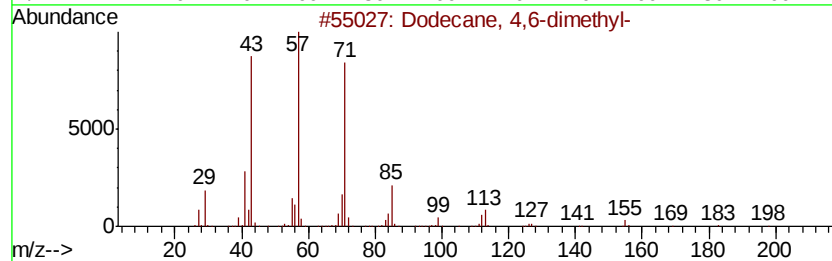
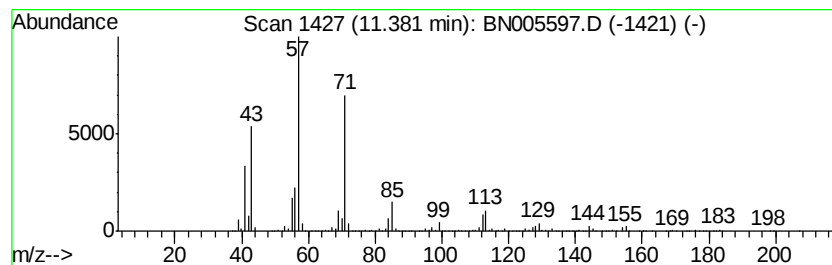
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	16.65 ng/ul	6504180	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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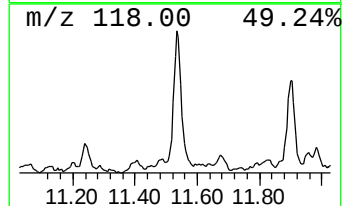
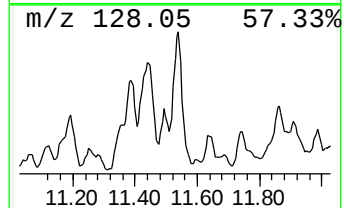
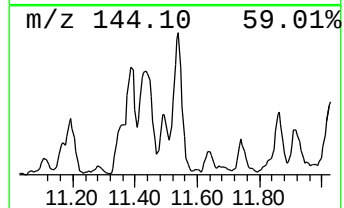
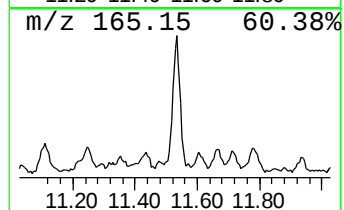
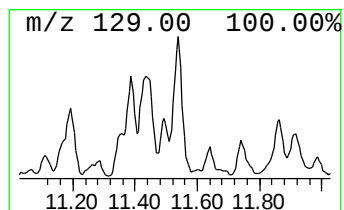
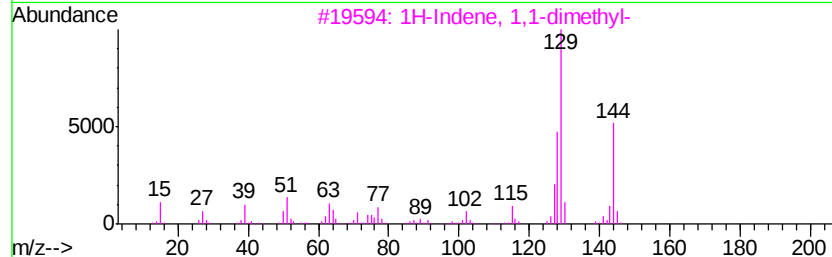
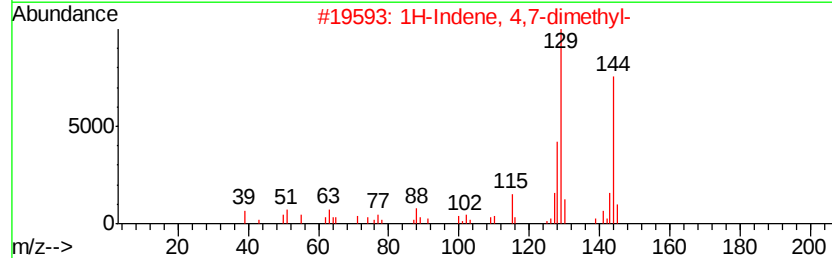
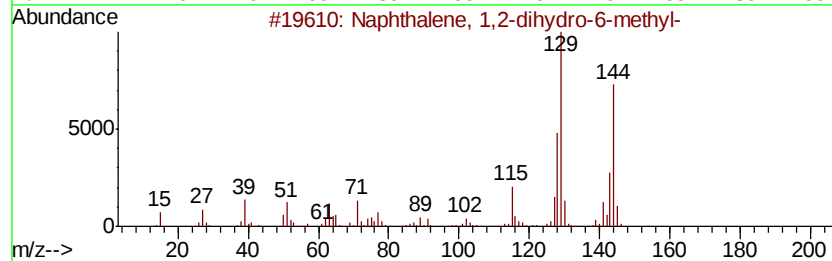
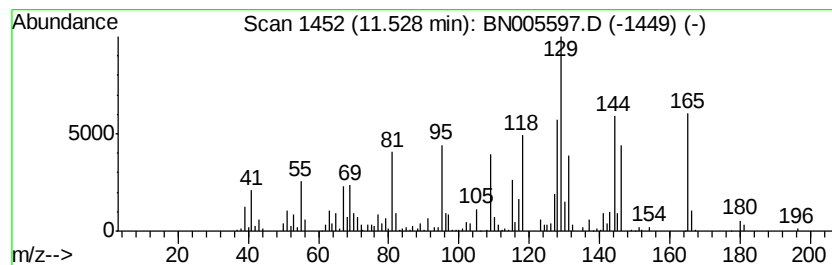
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Naphthalene, 1,2-dihydro-6-... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	2.10 ng/ul	821367	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	60
2			1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	46
3			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	46
4			1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	46
5			(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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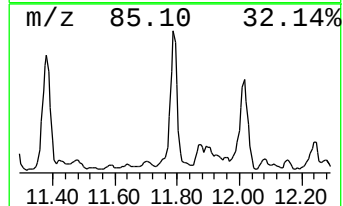
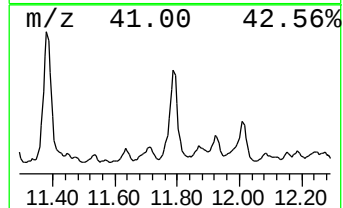
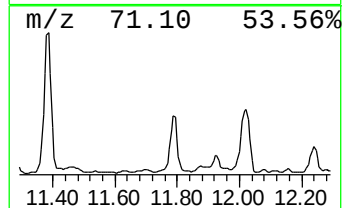
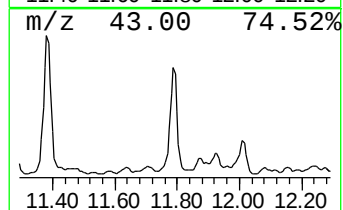
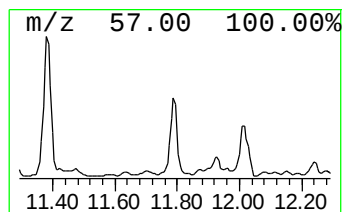
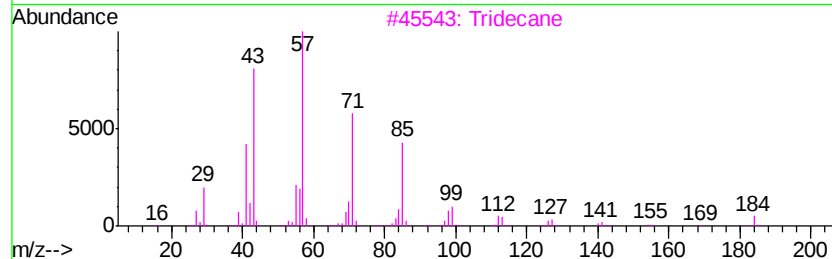
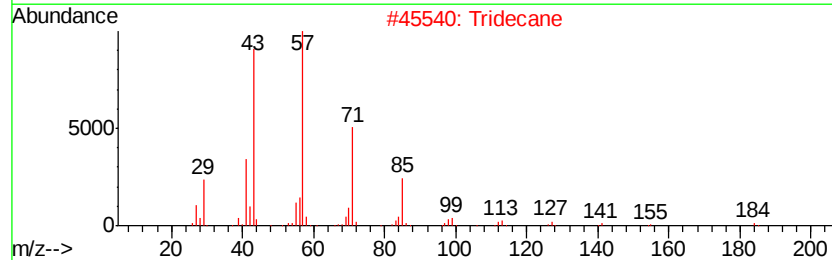
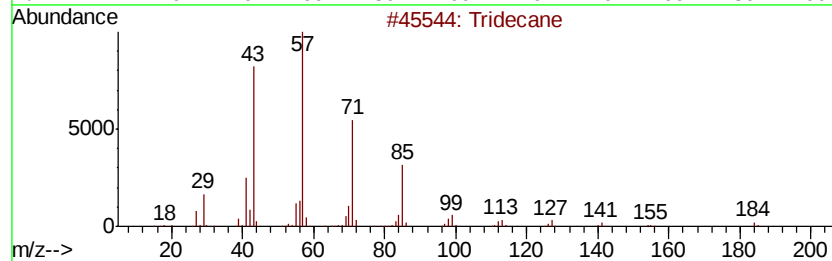
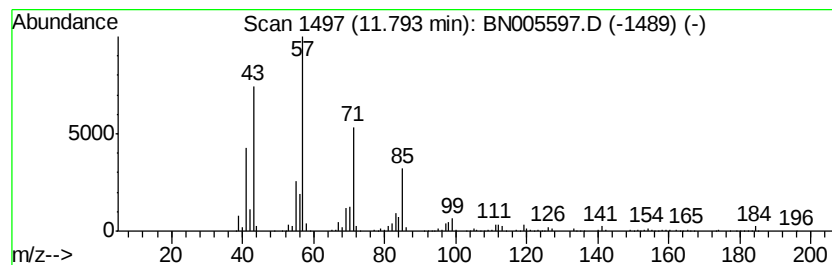
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	10.20 ng/ul	3983830	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Tridecane	184	C13H28	000629-50-5	93
3		Tridecane	184	C13H28	000629-50-5	91
4		Dodecane	170	C12H26	000112-40-3	86
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
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Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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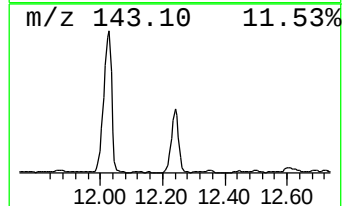
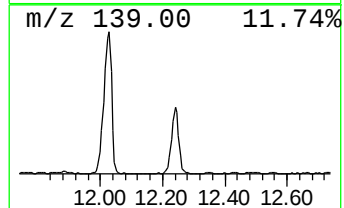
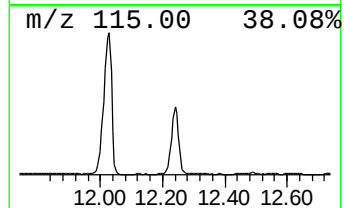
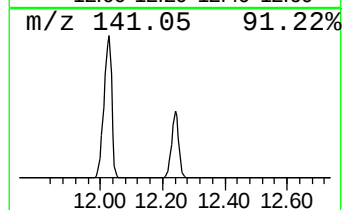
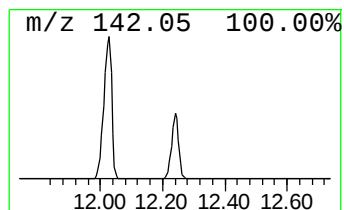
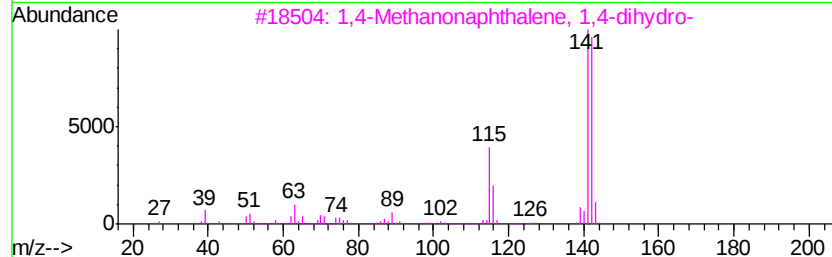
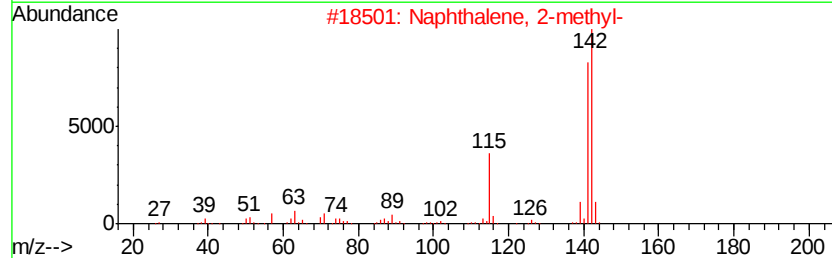
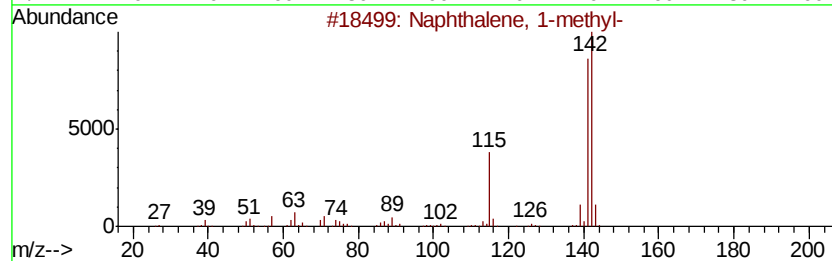
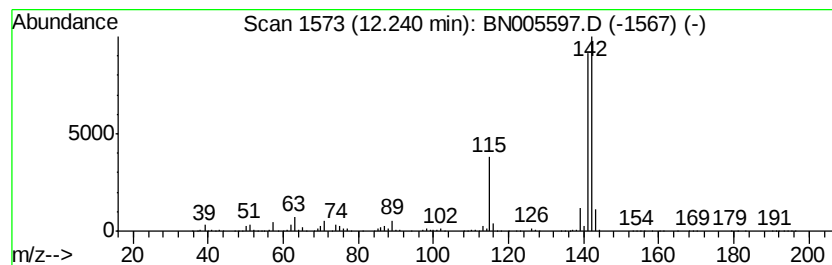
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	28.34 ng/ul	11070000	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

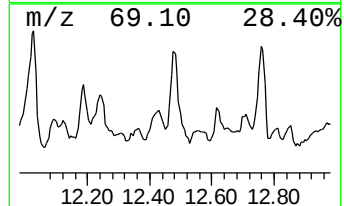
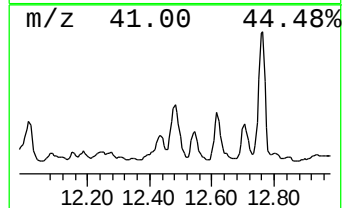
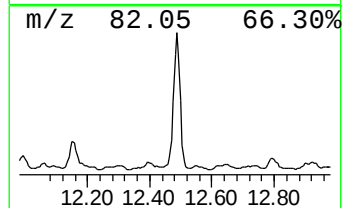
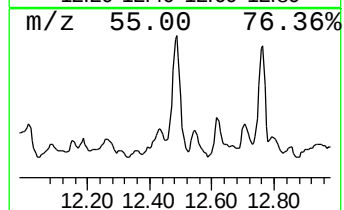
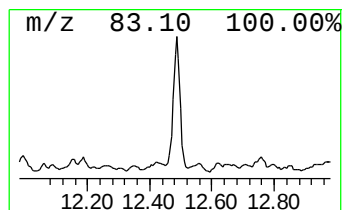
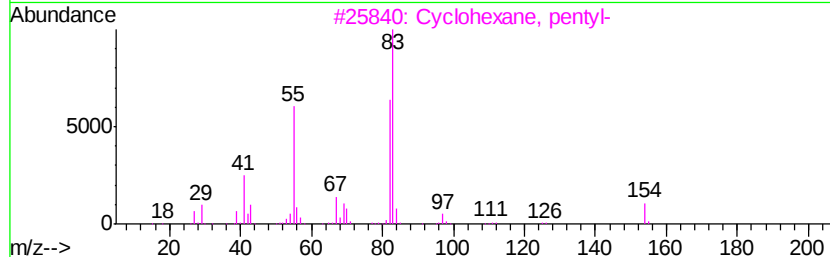
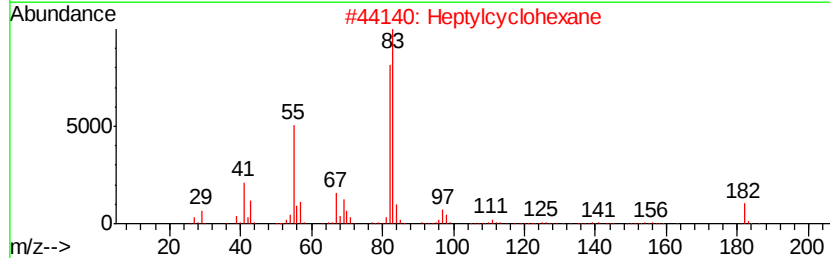
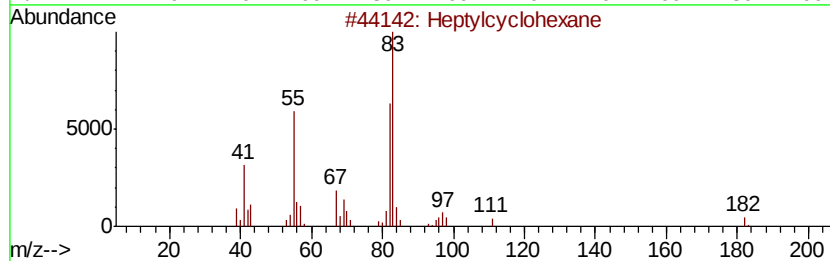
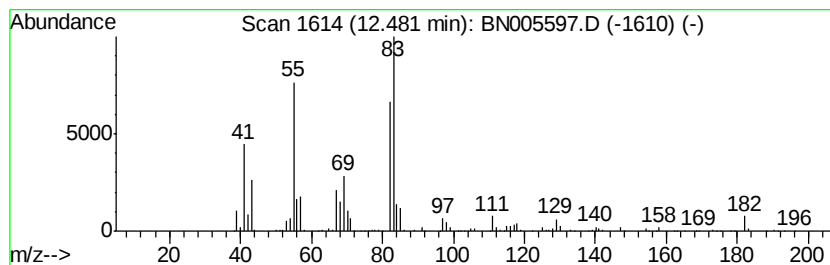
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Cyclic12.48 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	10.44 ng/ul	2544270	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	90
2		Heptylcyclohexane	182	C13H26	005617-41-4	87
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	80
4		n-Amylcyclohexane	154	C11H22	029949-27-7	72
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

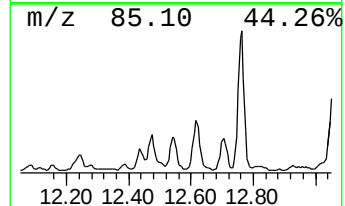
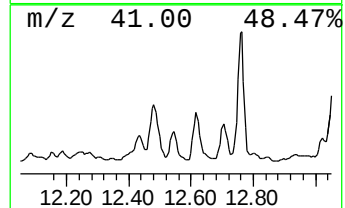
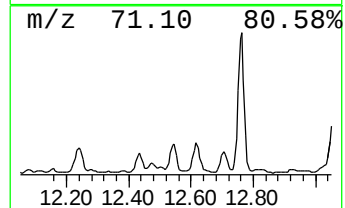
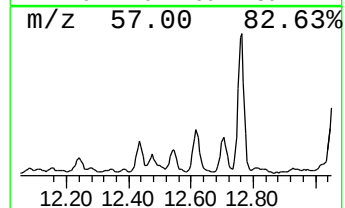
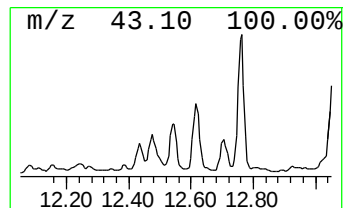
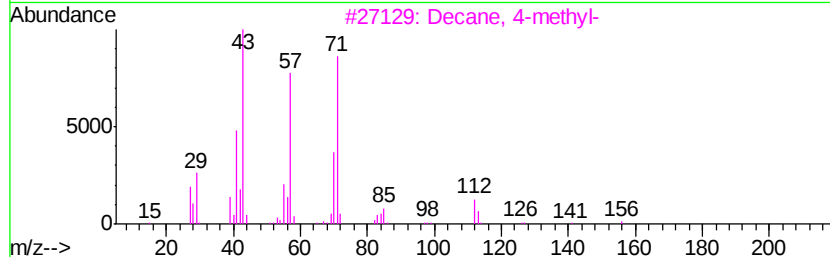
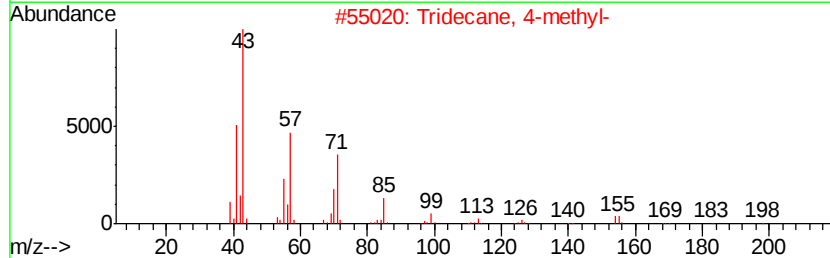
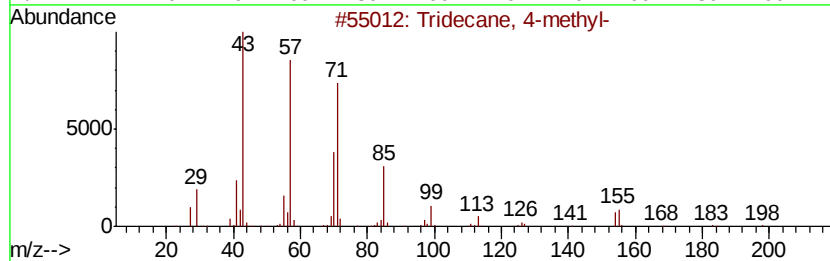
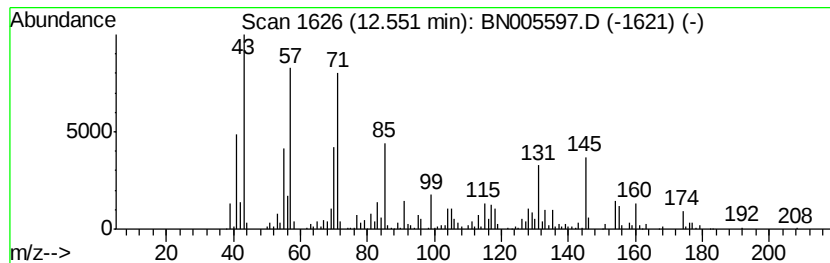
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	5.91 ng/ul	1441020	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	93
2			Tridecane, 4-methyl-	198	C14H30	026730-12-1	90
3			Decane, 4-methyl-	156	C11H24	002847-72-5	78
4			Undecane, 3-ethyl-	184	C13H28	017312-58-2	72
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

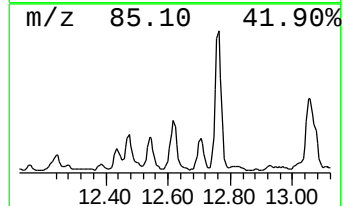
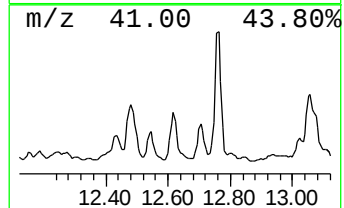
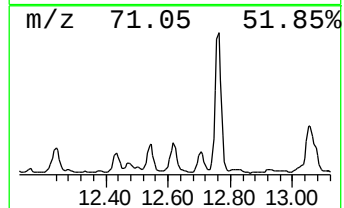
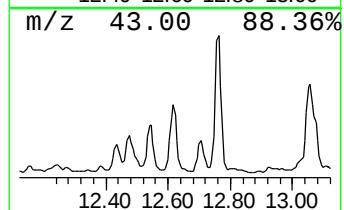
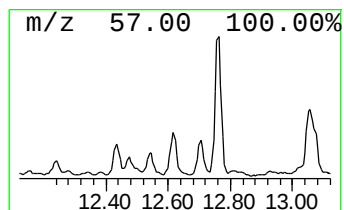
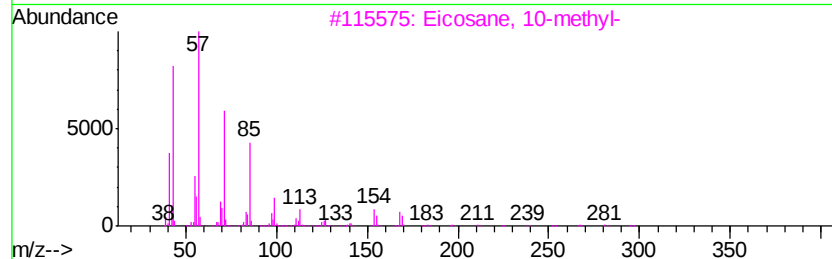
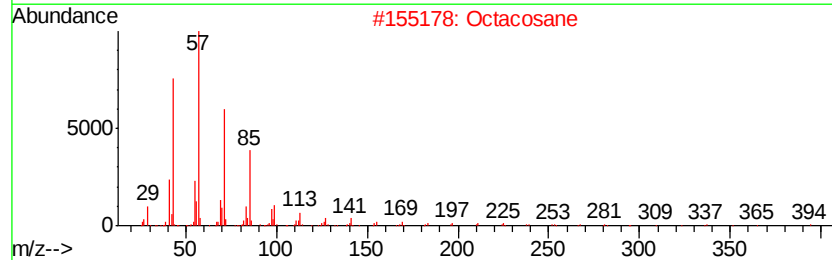
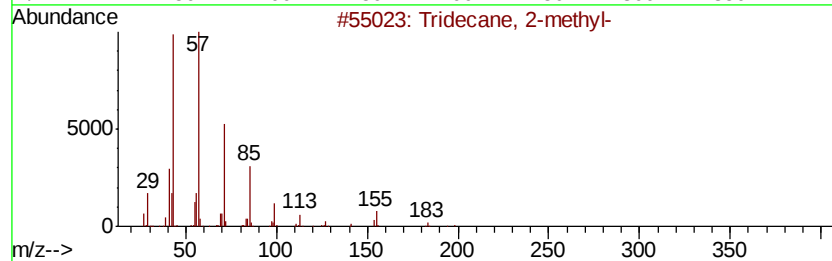
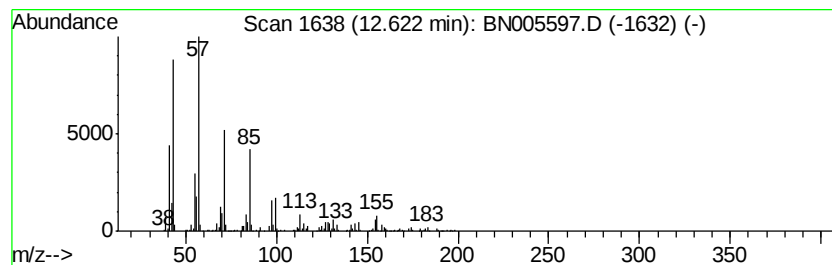
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	8.52 ng/ul	2075980	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	95
2			Octacosane	394	C28H58	000630-02-4	83
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
4			3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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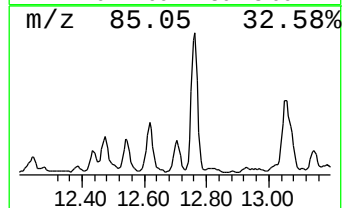
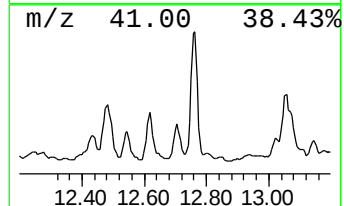
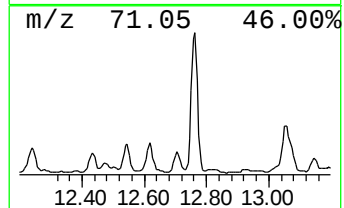
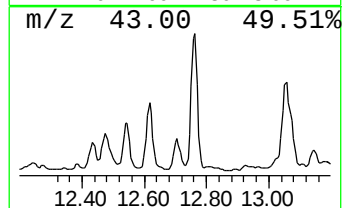
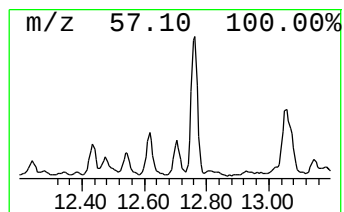
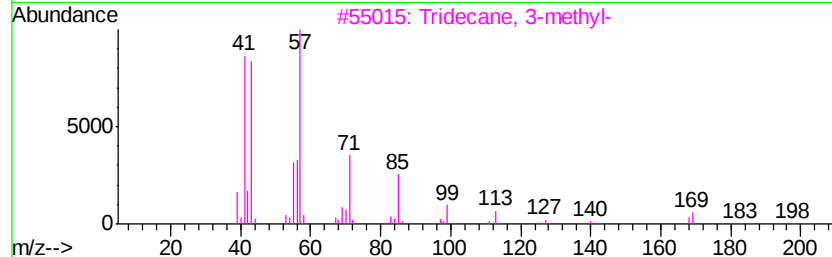
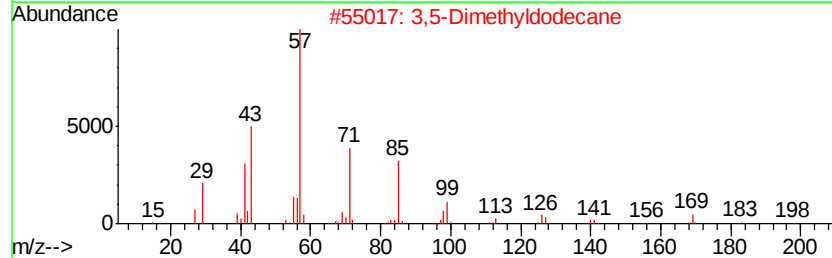
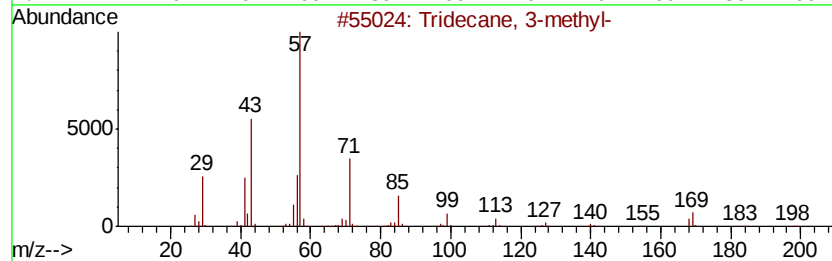
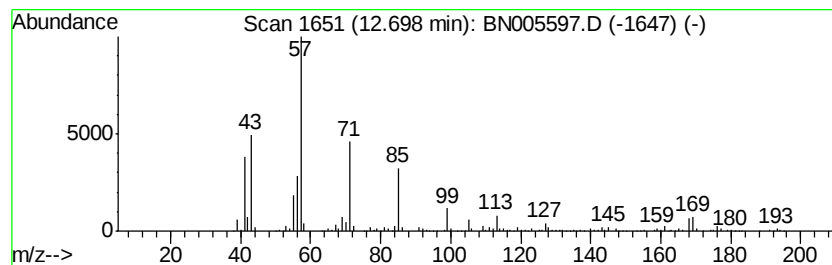
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	6.34 ng/ul	1545140	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	94
2			3,5-Dimethyldodecane	198	C14H30	107770-99-0	81
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	81
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

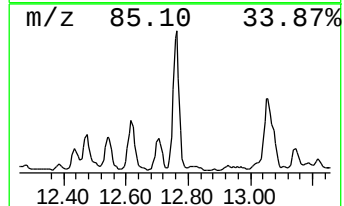
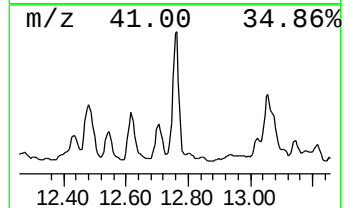
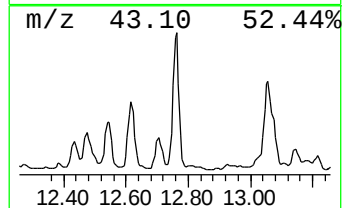
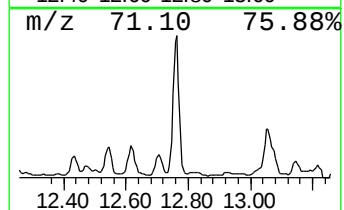
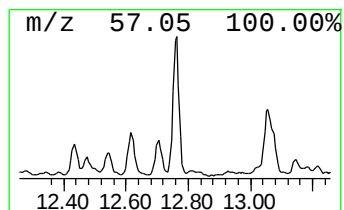
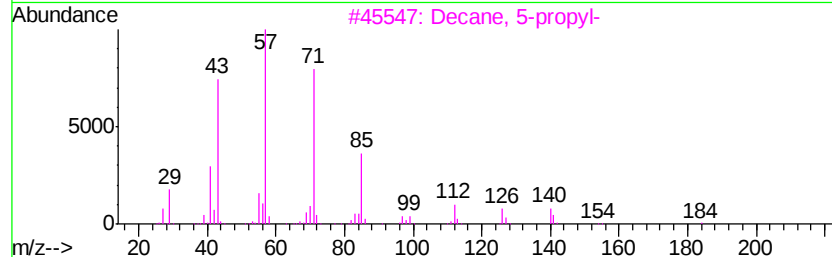
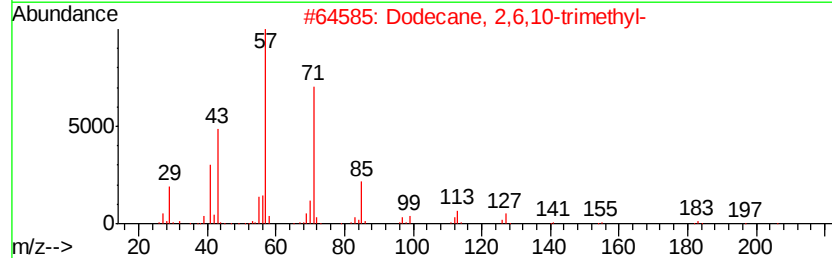
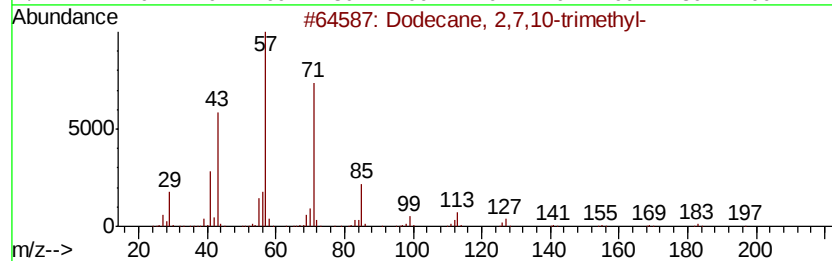
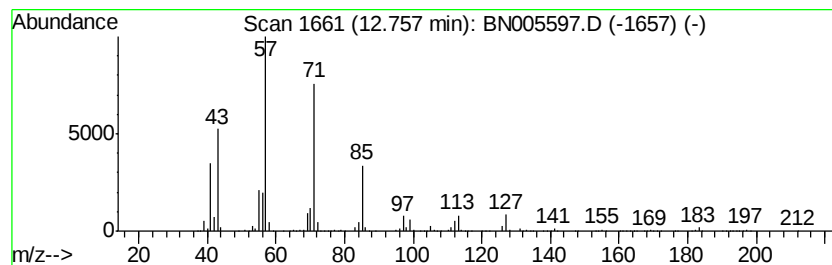
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	17.00 ng/ul	4145170	Acenaphthene-d10	14.22

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		Decane, 5-propyl-	184	C13H28	017312-62-8	83
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005597.D
 Acq On : 10 May 2019 20:14
 Operator : JU/SJ
 Sample : K2604-12ME
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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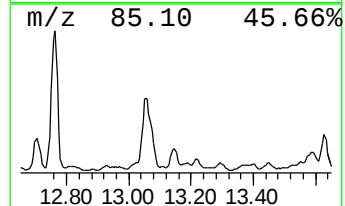
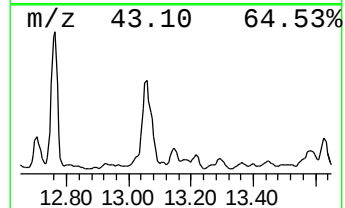
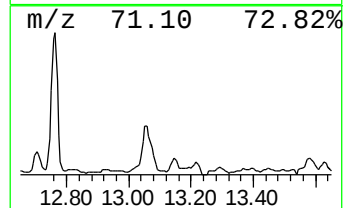
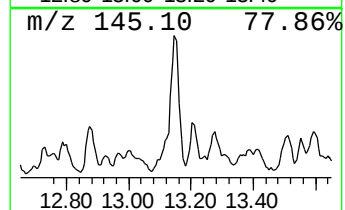
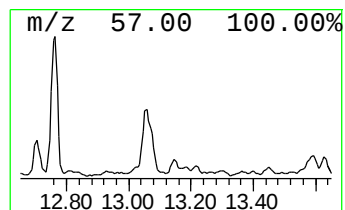
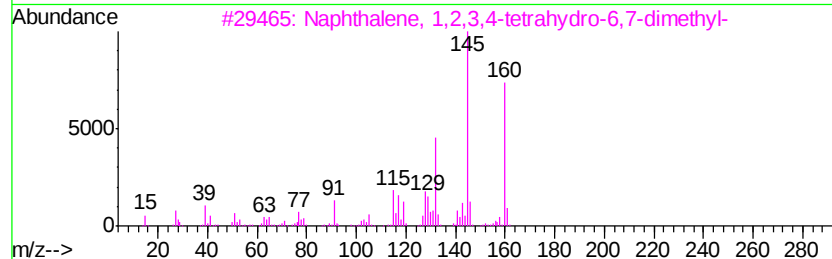
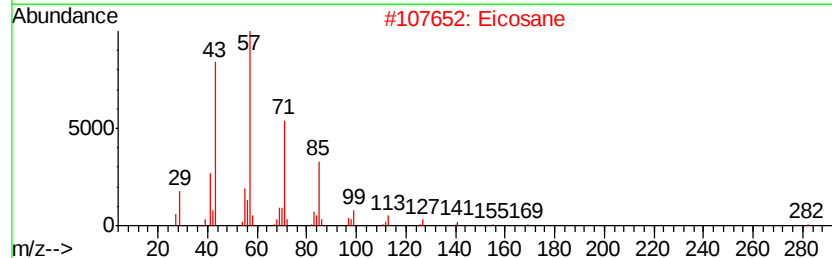
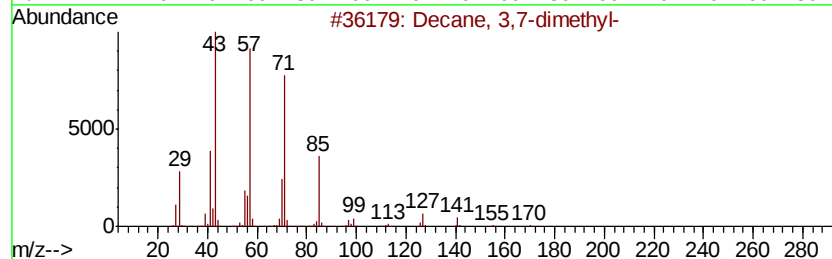
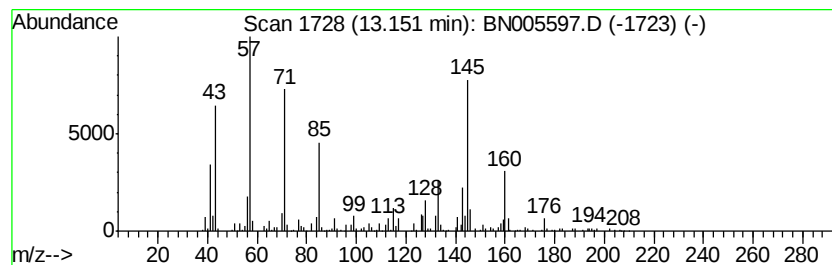
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.18 ng/ul	775546	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	38
2			Eicosane	282	C20H42	000112-95-8	38
3			Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	001076-61-5	35
4			Nonane	128	C9H20	000111-84-2	30
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

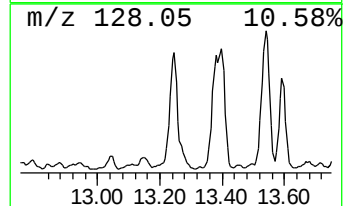
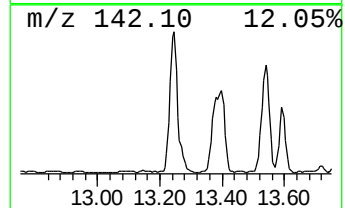
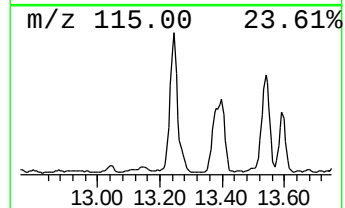
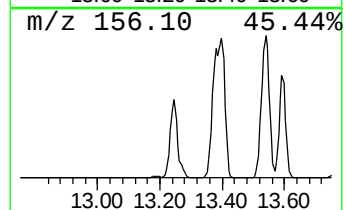
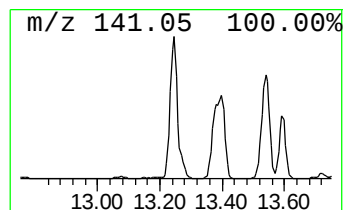
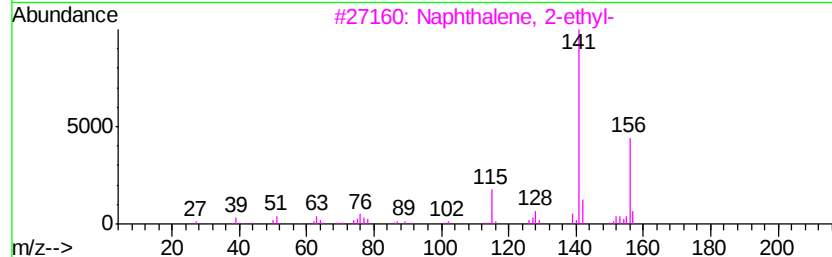
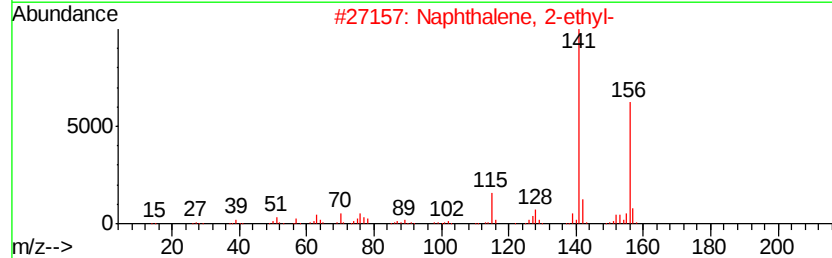
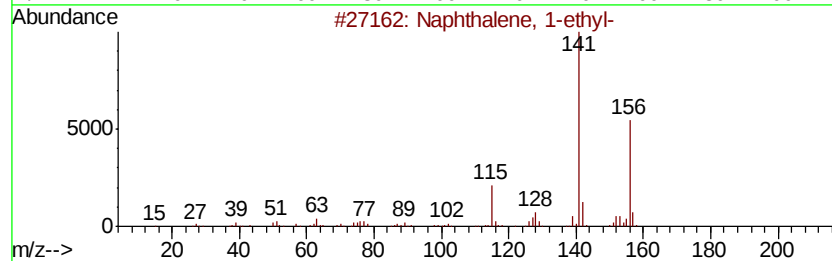
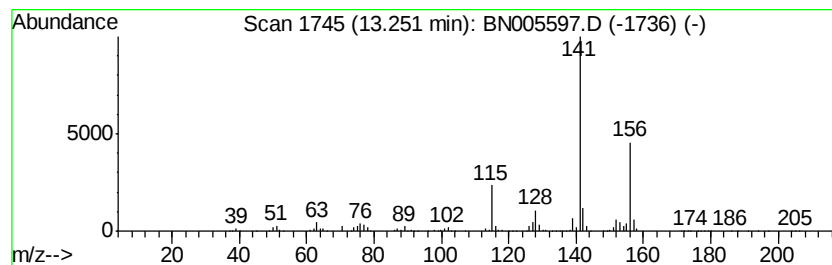
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BNA_N
ClientSampleId :
GAJ86ME

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 33 Naphthalene, 1-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	34.89 ng/ul	8505930	Acenaphthene-d10	14.22
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 94
4		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94
5		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

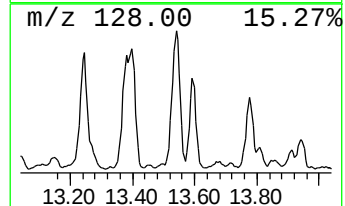
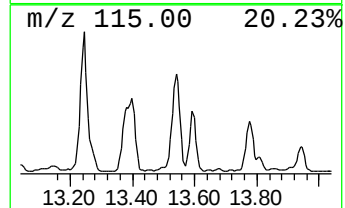
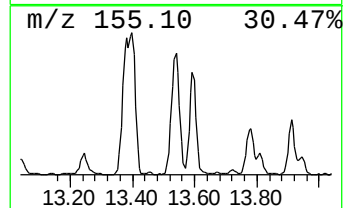
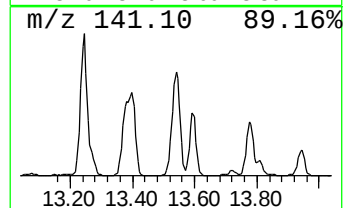
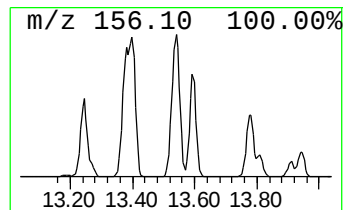
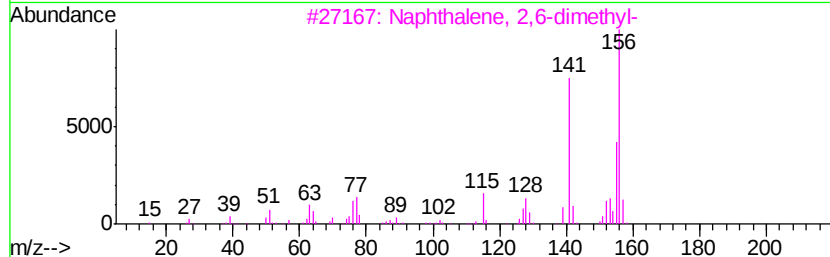
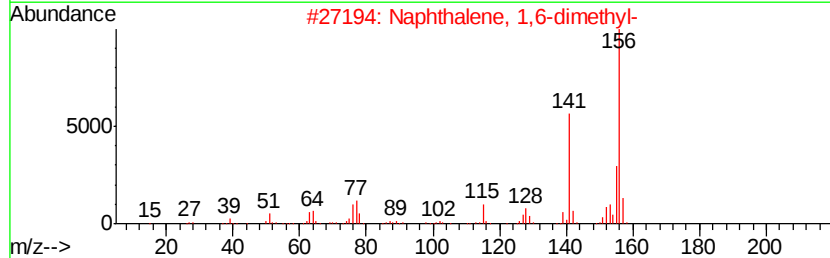
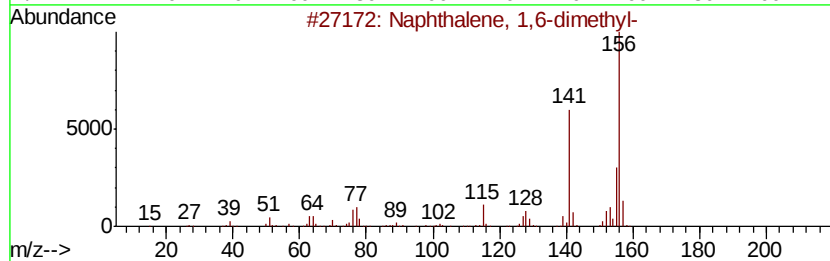
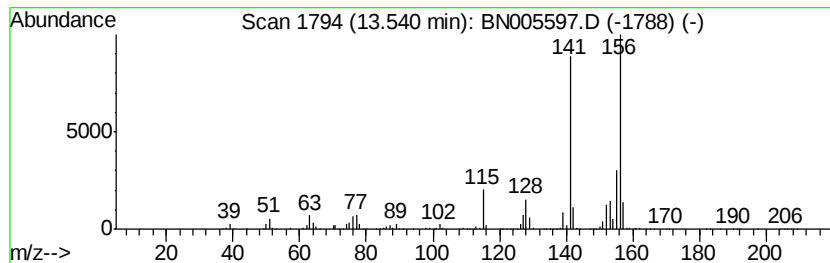
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	33.54 ng/ul	8175850	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

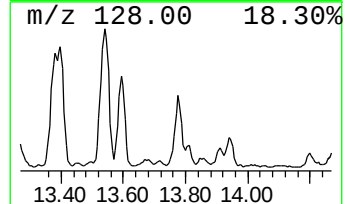
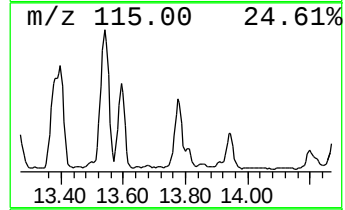
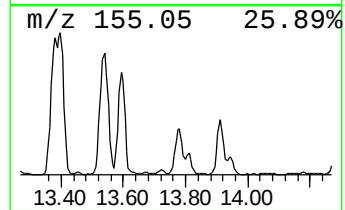
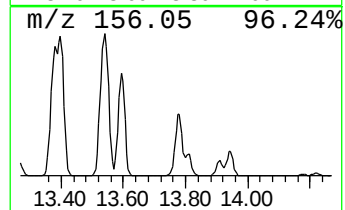
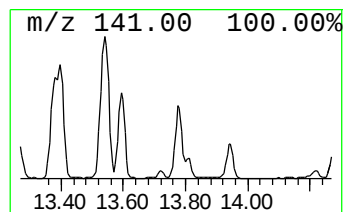
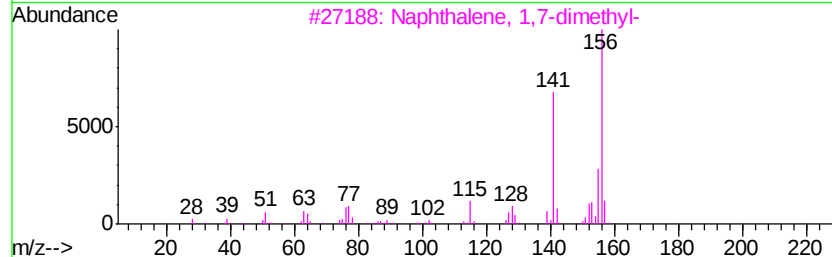
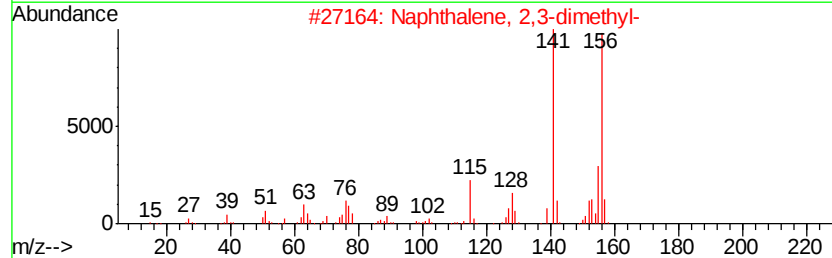
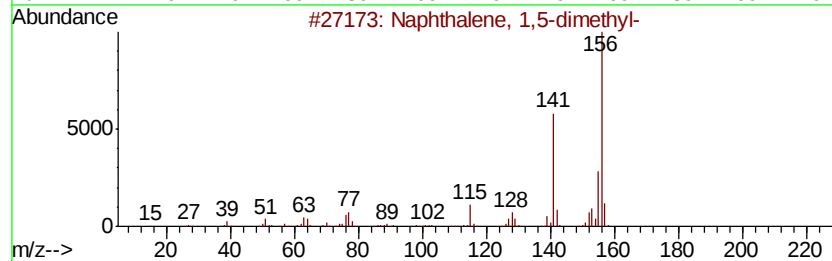
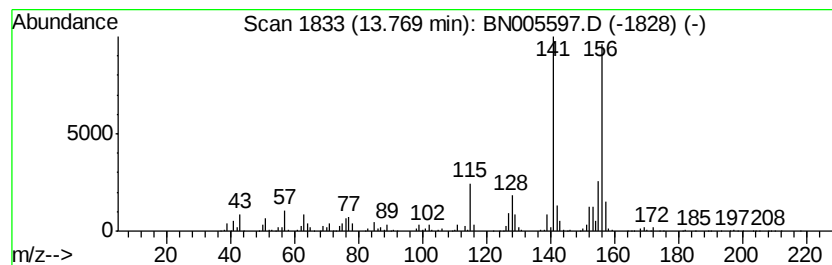
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 Naphthalene, 1,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	14.93 ng/ul	3639340	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

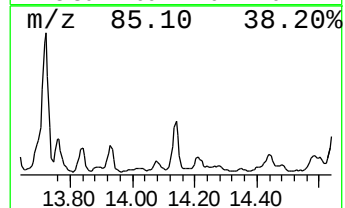
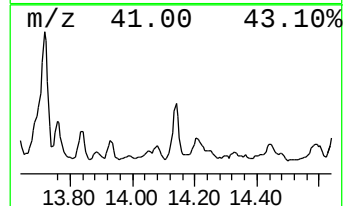
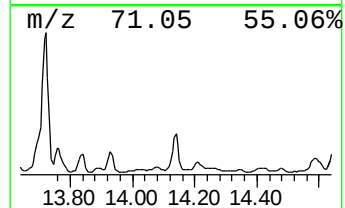
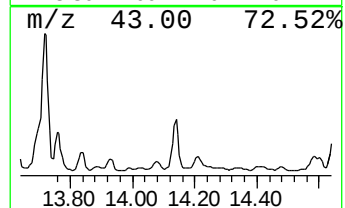
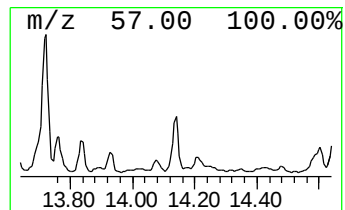
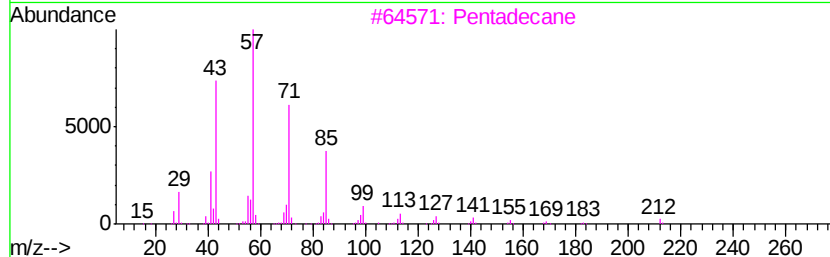
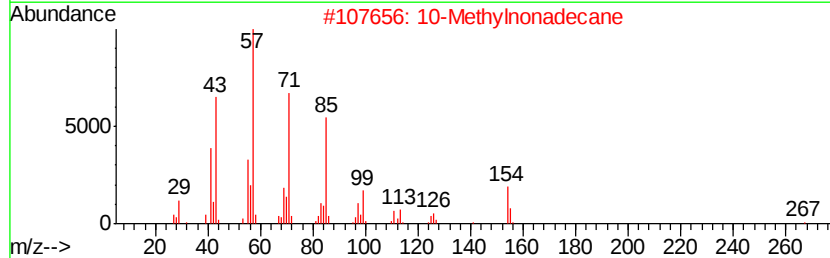
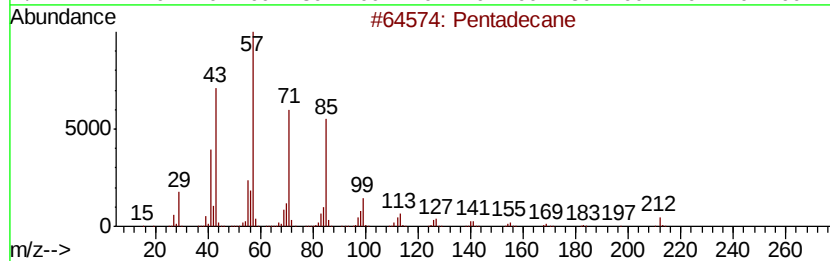
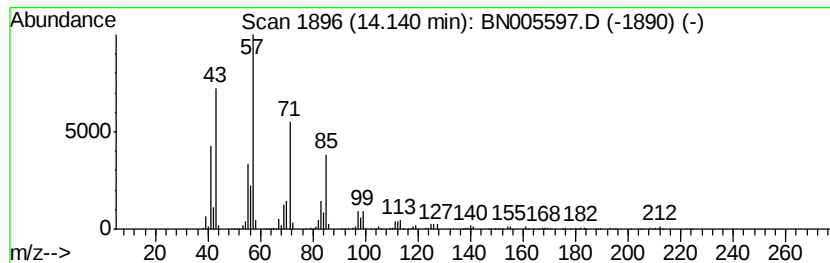
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	7.47 ng/ul	1821730	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			10-Methylnonadecane	282	C20H42	056862-62-5	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Nonadecane	268	C19H40	000629-92-5	87
5			Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

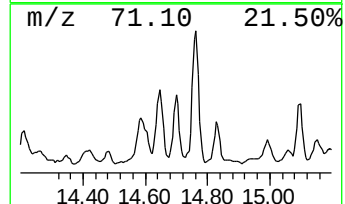
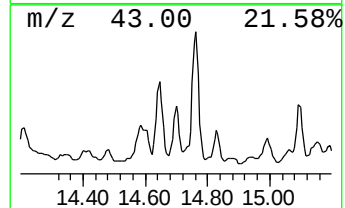
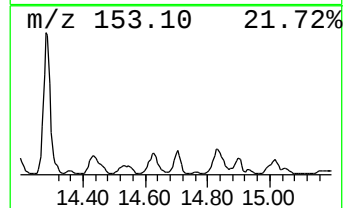
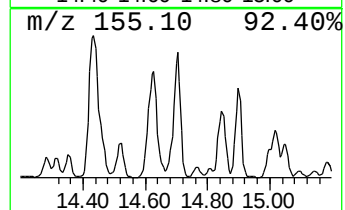
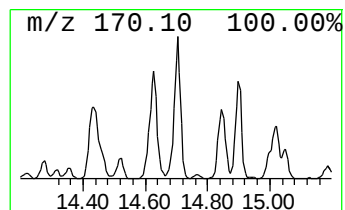
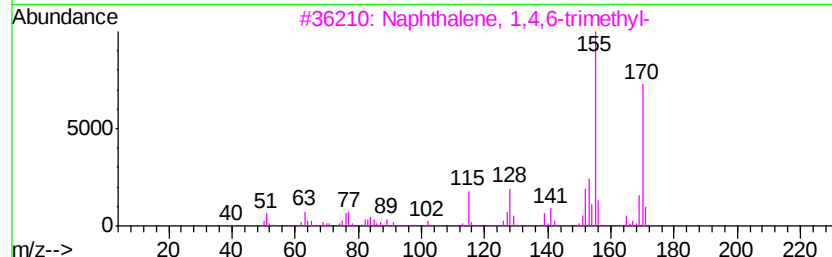
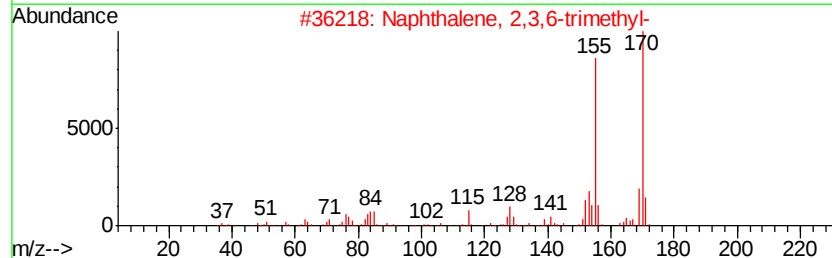
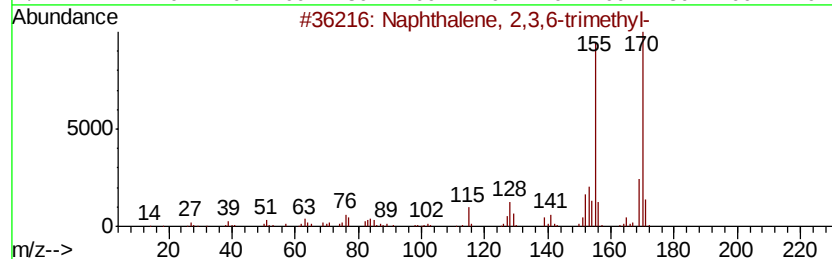
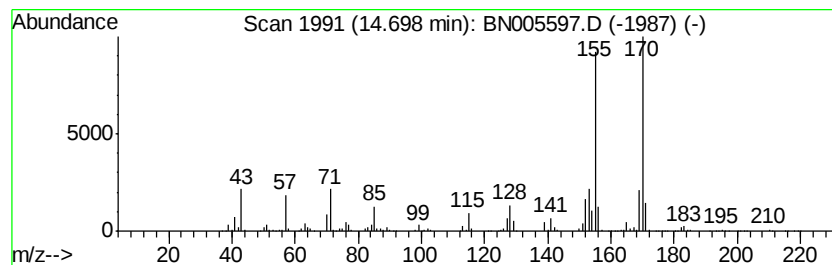
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 Naphthalene, 2,3,6-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	10.19 ng/ul	2483850	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
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, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

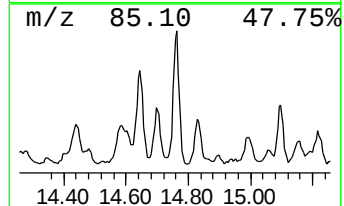
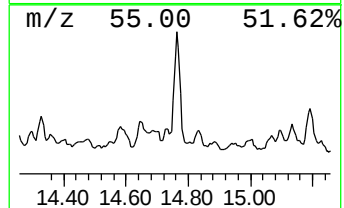
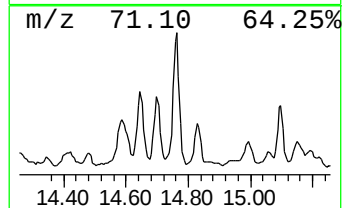
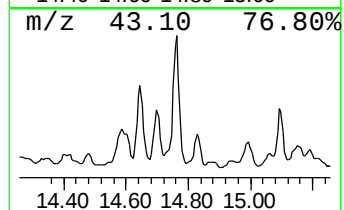
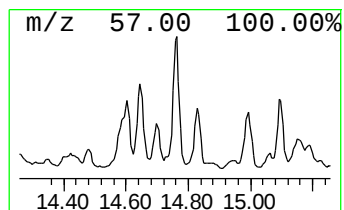
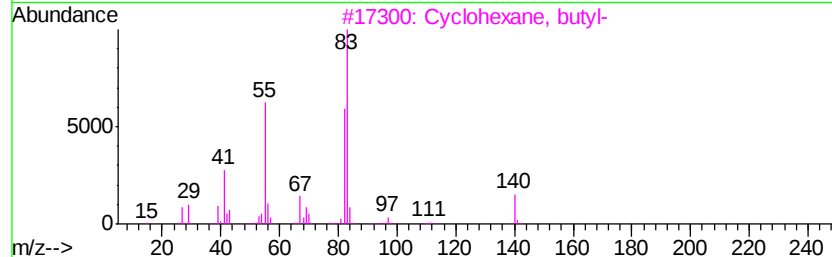
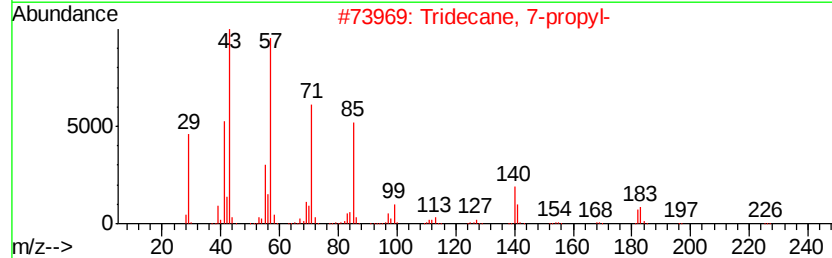
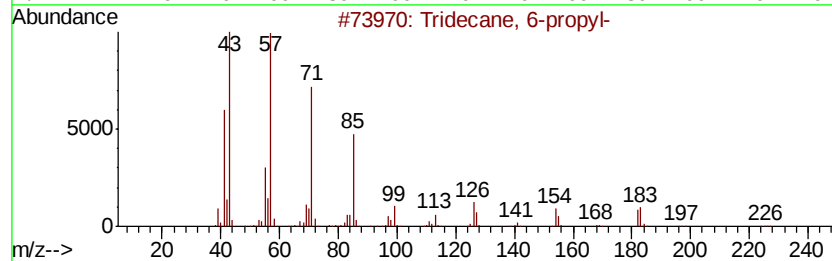
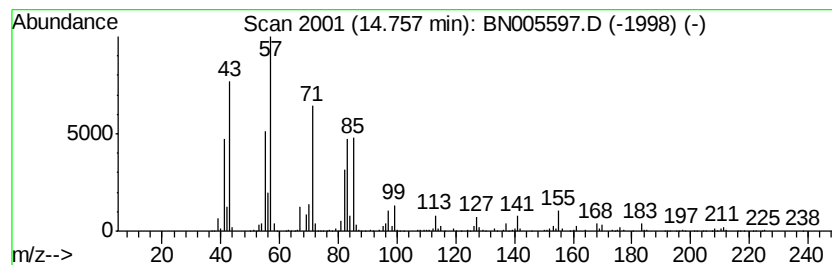
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	9.65 ng/ul	2353090	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-propyl-	226	C16H34	055045-10-8	60
2			Tridecane, 7-propyl-	226	C16H34	055045-09-5	56
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	45
4			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	45
5			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAJ86ME

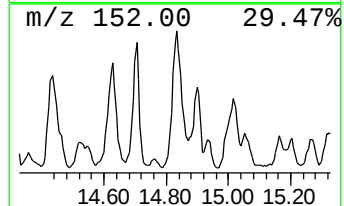
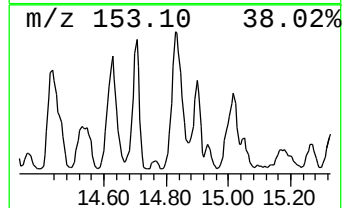
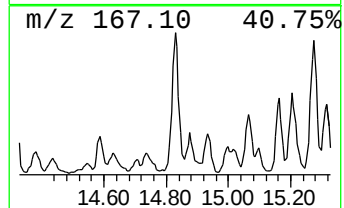
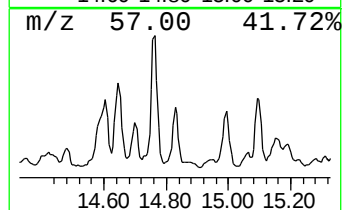
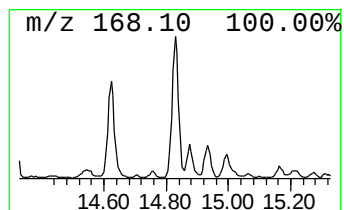
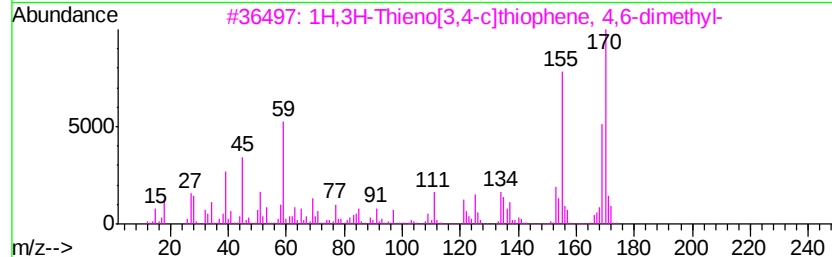
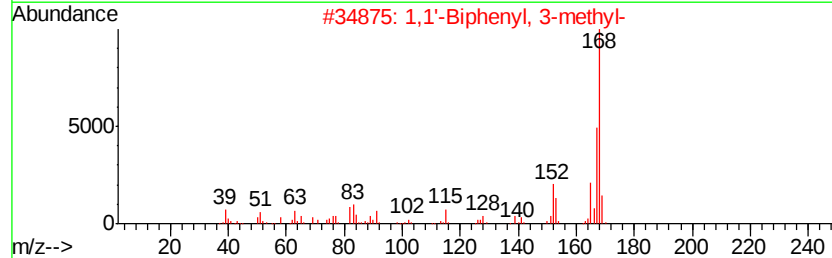
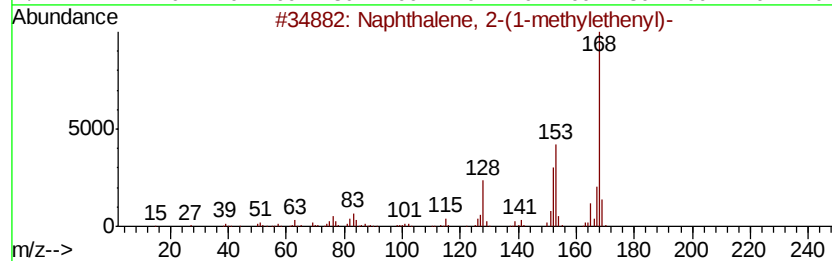
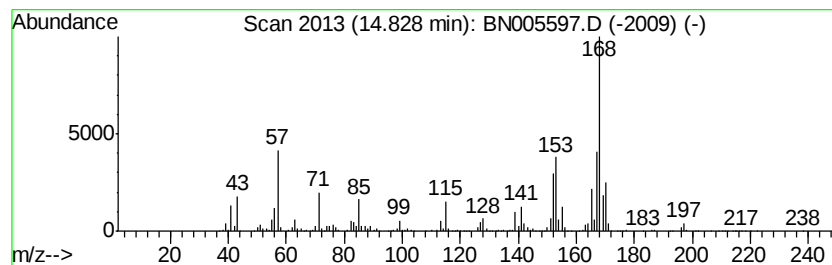
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	11.42 ng/ul	2785020	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	49
2		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
3		1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	38
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	35
5		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

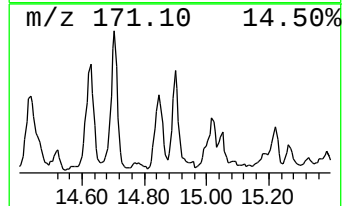
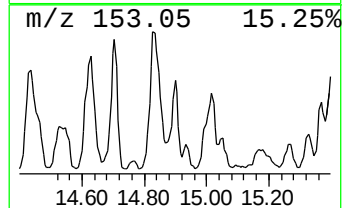
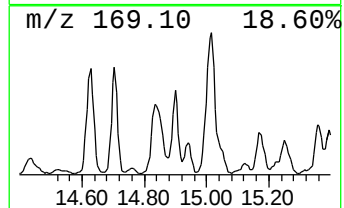
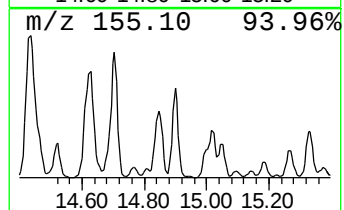
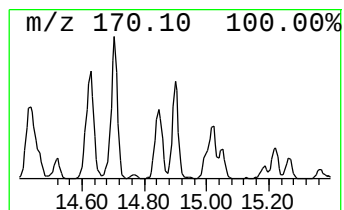
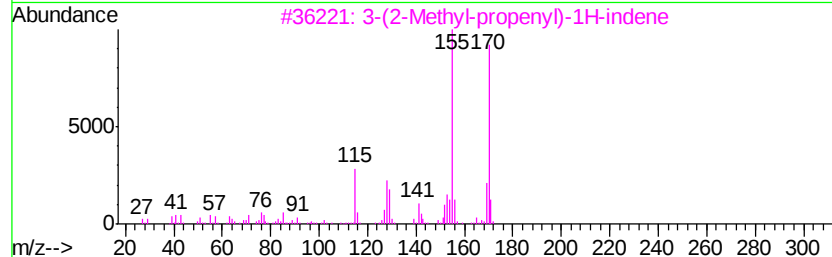
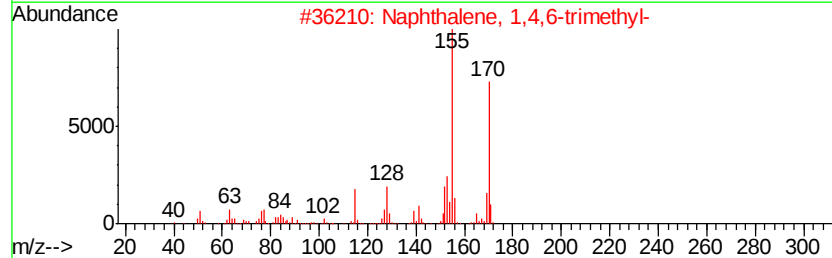
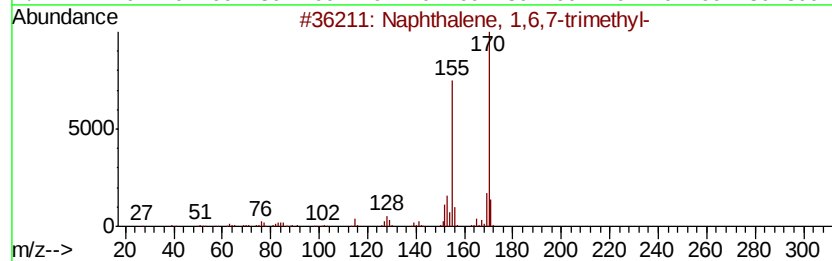
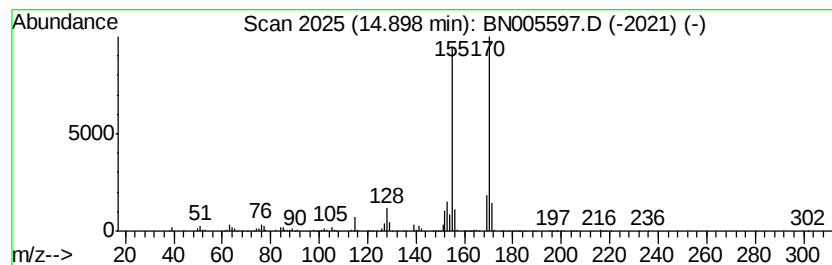
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 Naphthalene, 1,6,7-trimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	5.50 ng/ul	1340970	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

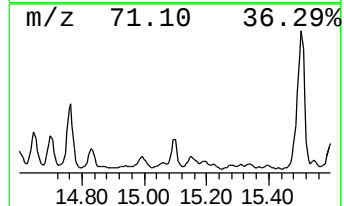
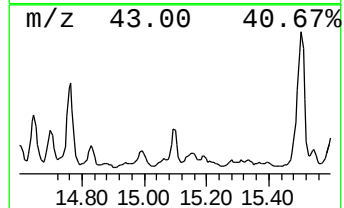
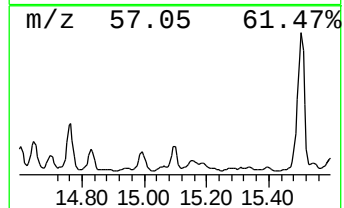
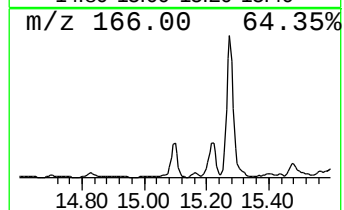
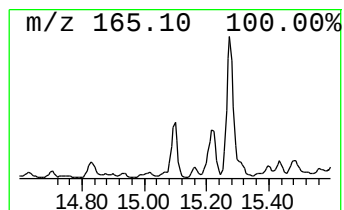
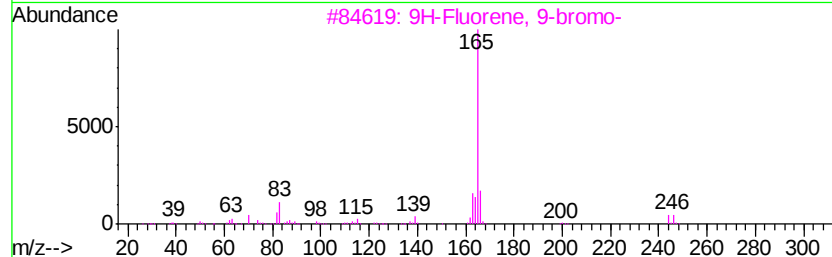
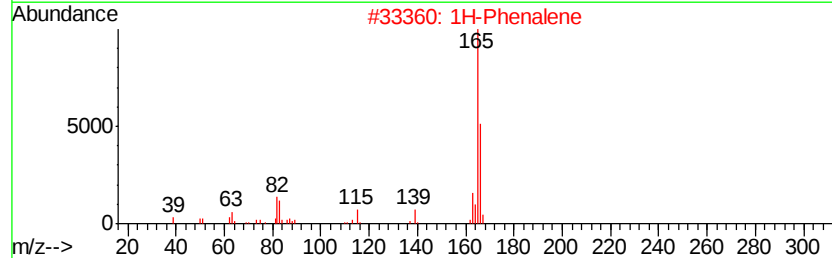
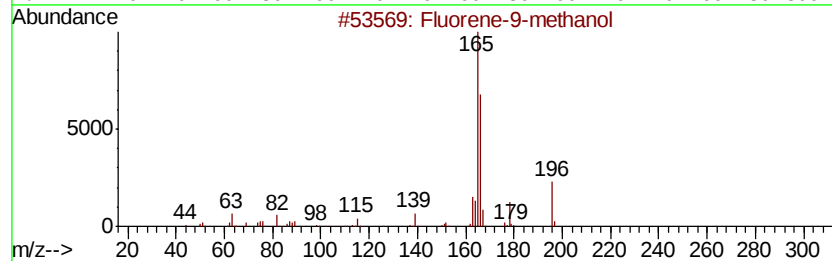
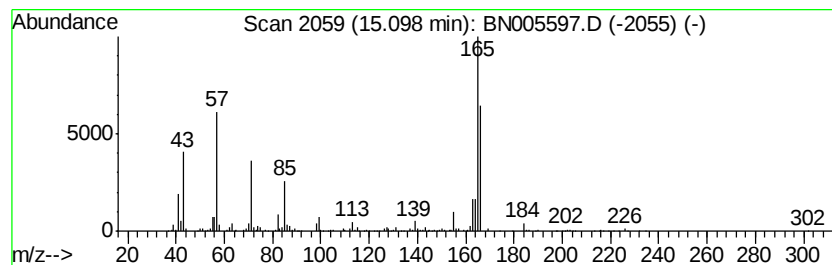
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 Fluorene-9-methanol Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.21 ng/ul	1026290	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluorene-9-methanol	196	C14H12O	024324-17-2	53
2			1H-Phenylene	166	C13H10	000203-80-5	50
3			9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	43
4			9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	43
5			9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

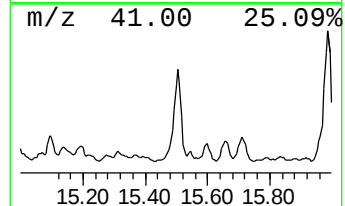
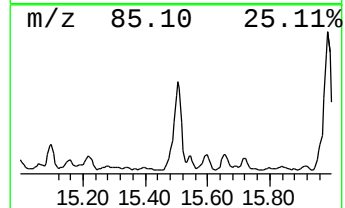
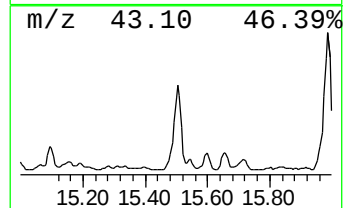
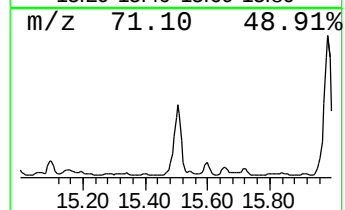
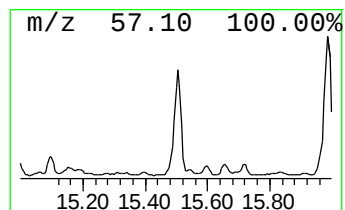
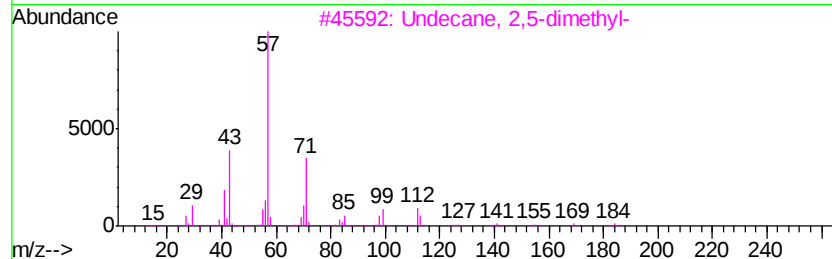
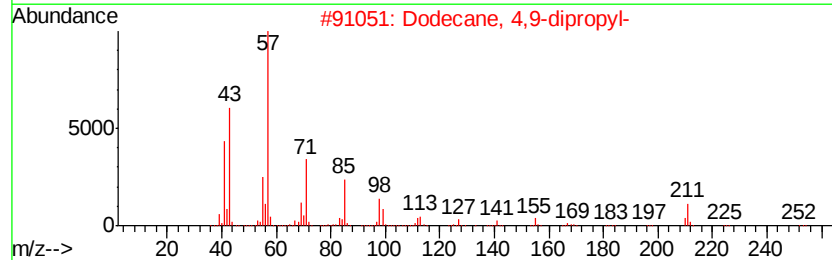
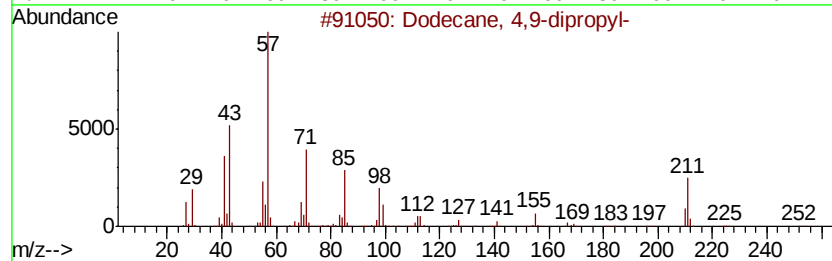
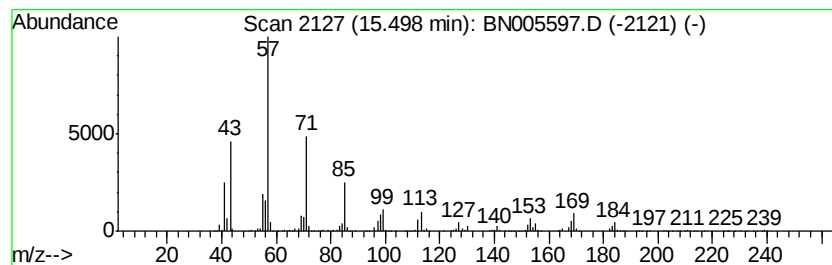
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	18.51 ng/ul	4511770	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	80
2			Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	78
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
4			Tetracosane	338	C24H50	000646-31-1	64
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

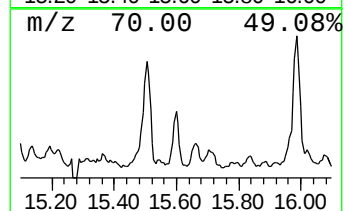
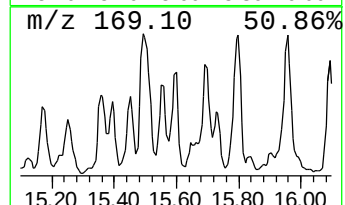
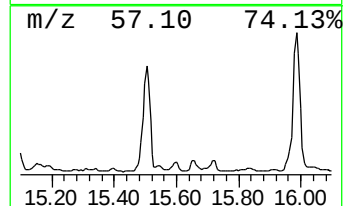
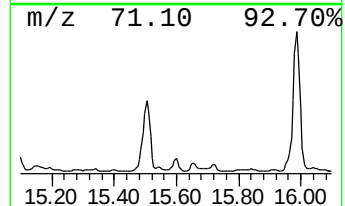
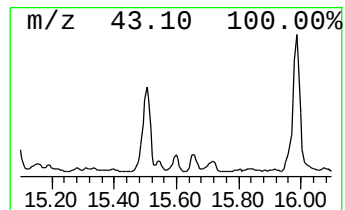
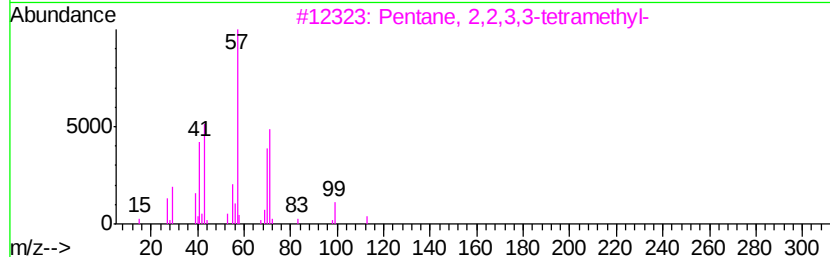
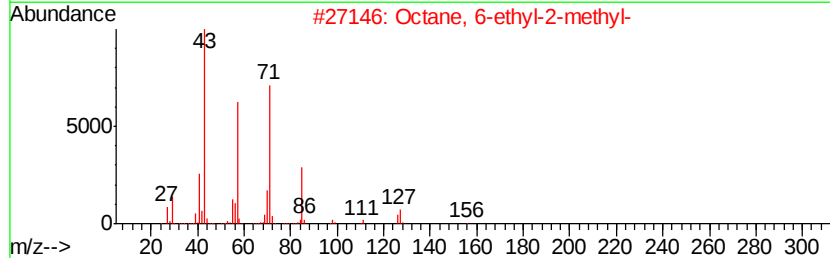
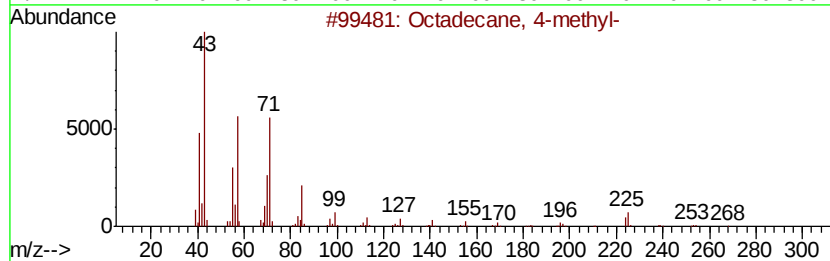
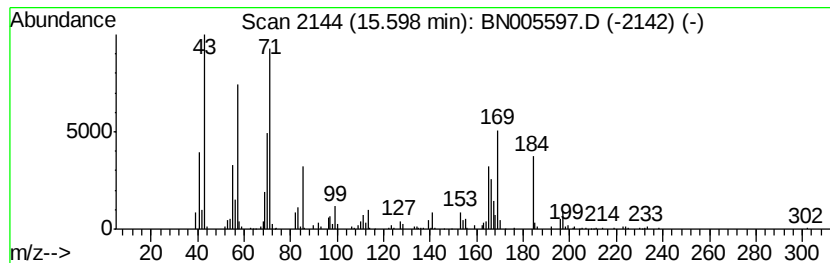
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	6.22 ng/ul	744966	Phenanthrene-d10	16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 4-methyl-	268	C19H40	010544-95-3	43
2			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	35
3			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	35
4			11-Heneicosanone	310	C21H42O	019781-72-7	35
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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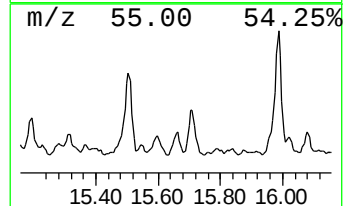
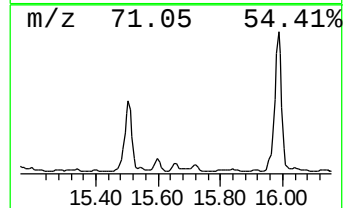
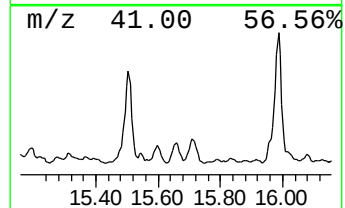
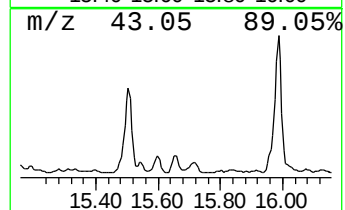
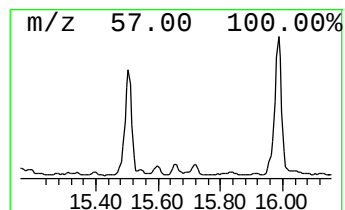
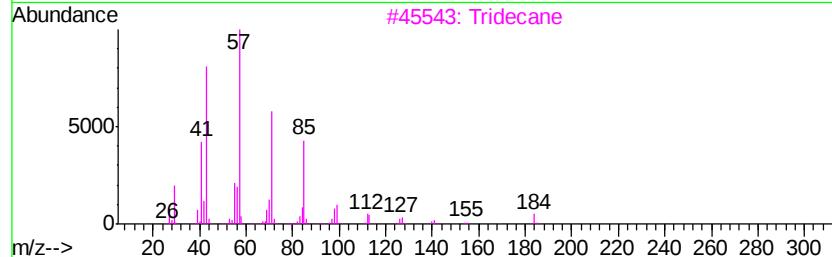
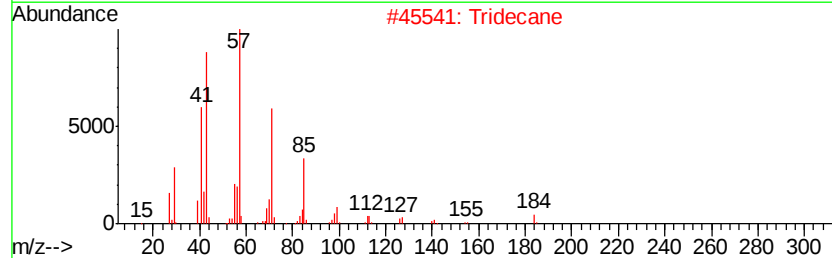
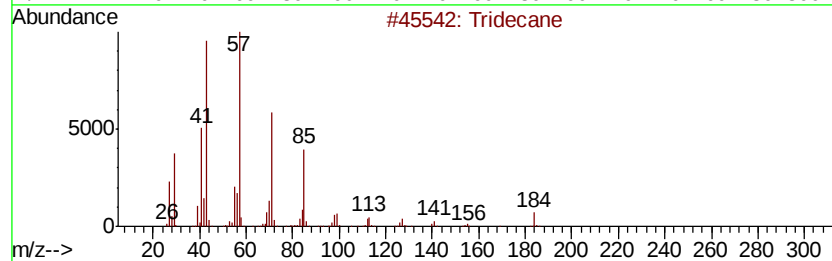
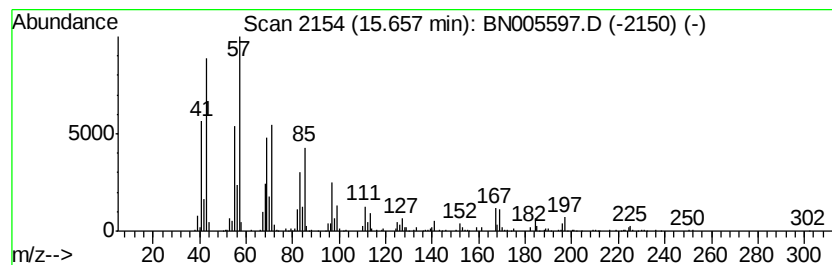
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	6.69 ng/ul	802068	Phenanthrene-d10	16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Tridecane	184	C13H28	000629-50-5	93
3			Tridecane	184	C13H28	000629-50-5	90
4			Pentadecane	212	C15H32	000629-62-9	60
5			Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

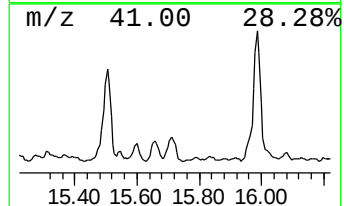
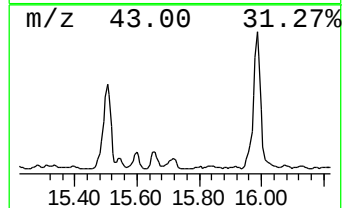
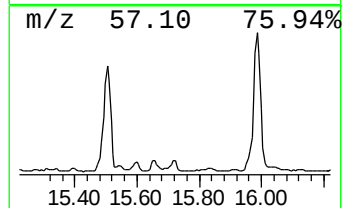
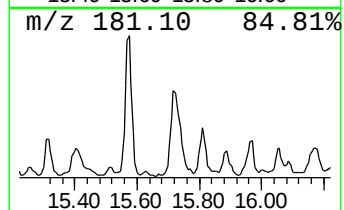
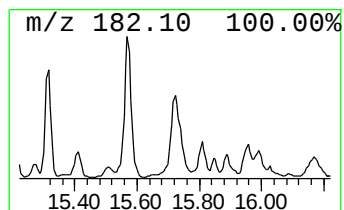
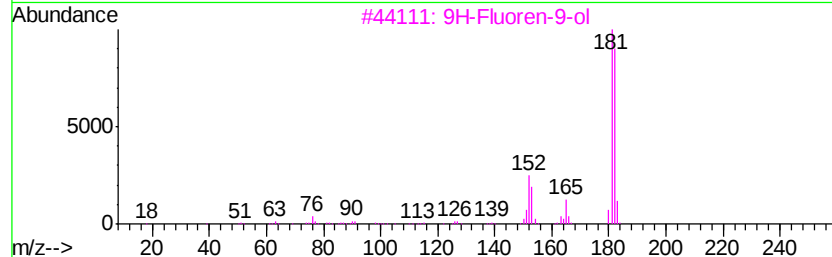
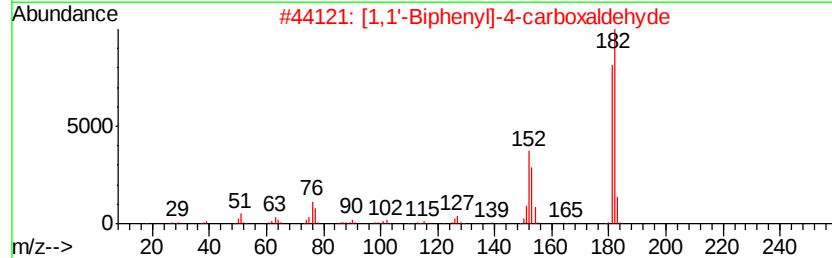
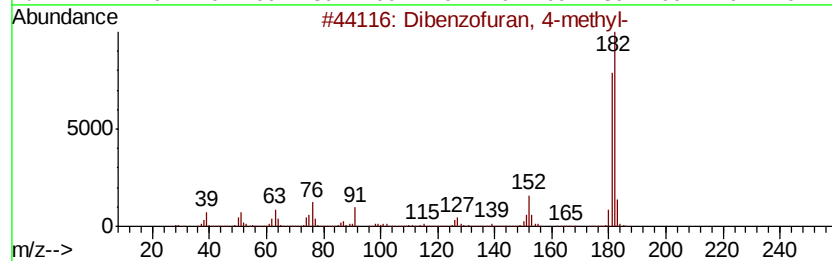
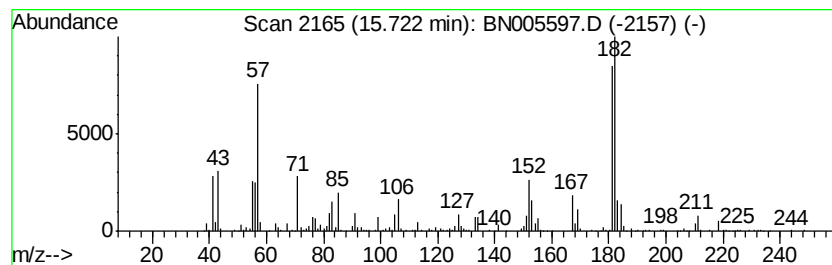
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 Dibenzofuran, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	18.63 ng/ul	2232390	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	60
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	49
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	49
4		Heptylcyclohexane	182	C13H26	005617-41-4	45
5		Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
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Acq On : 10 May 2019 20:14
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

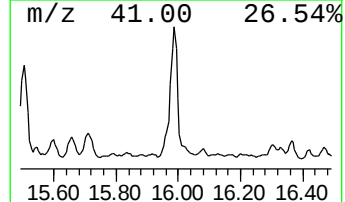
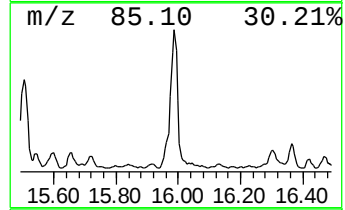
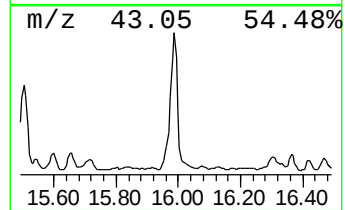
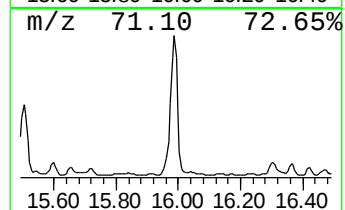
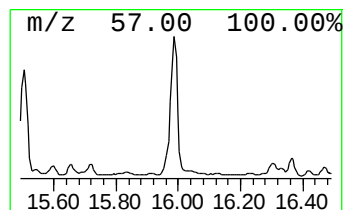
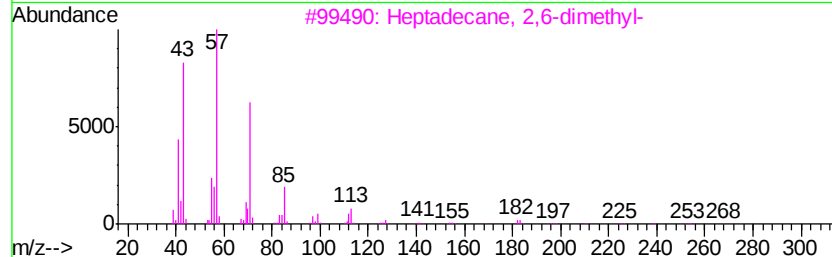
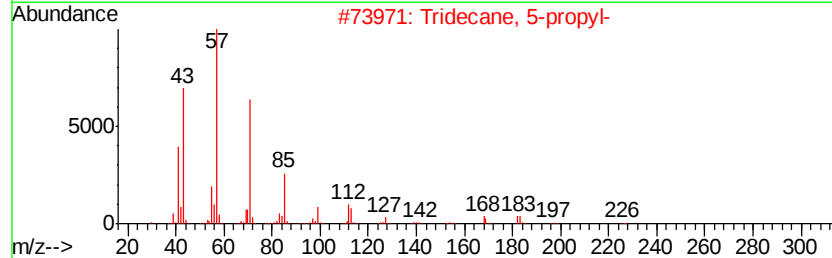
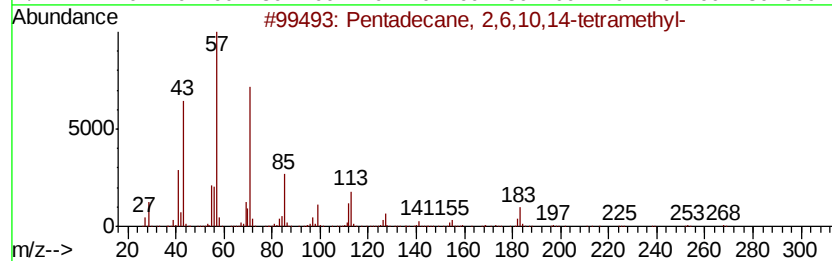
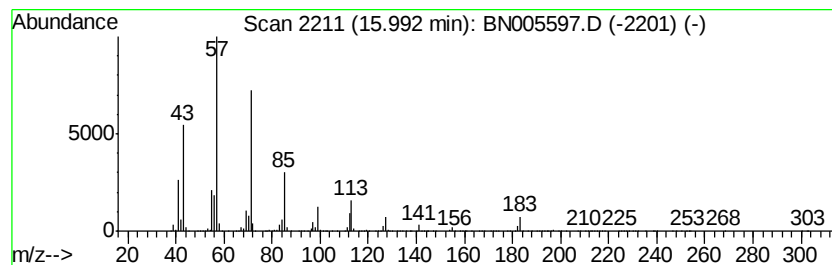
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	56.39 ng/ul	6758460	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	96
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	94
3		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	91
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

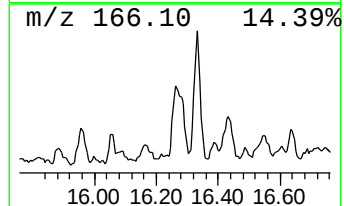
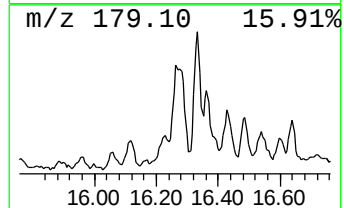
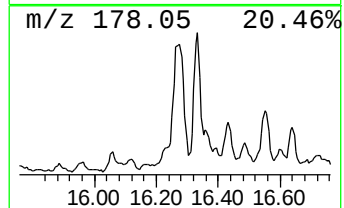
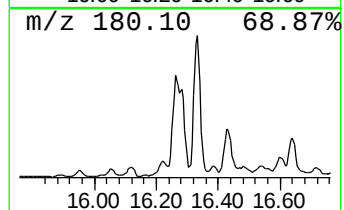
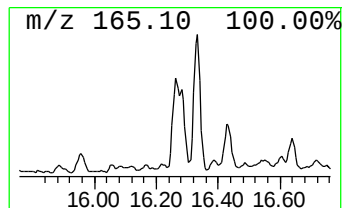
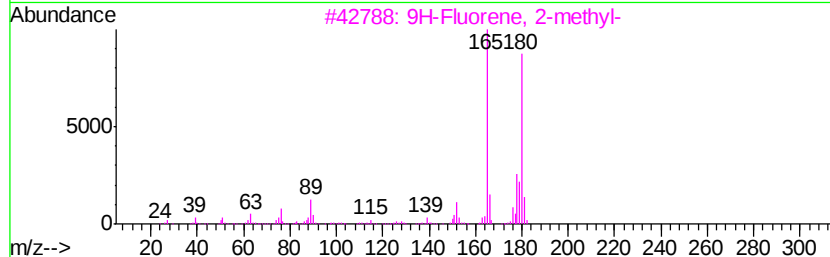
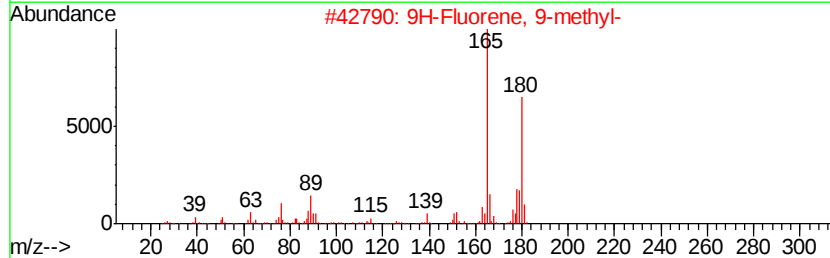
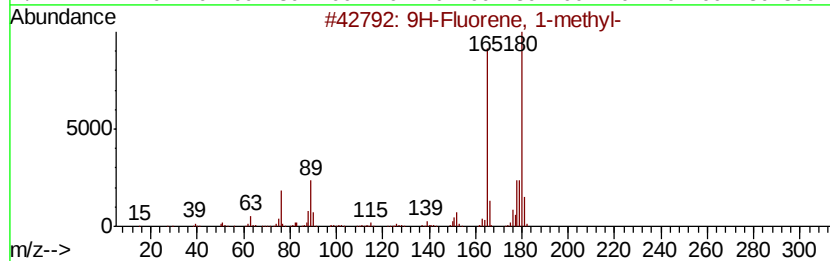
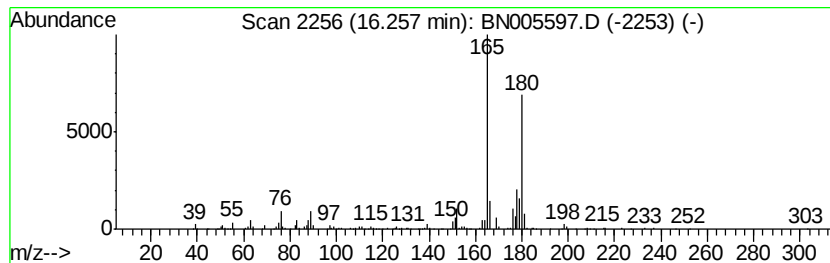
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 9H-Fluorene, 1-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	6.32 ng/ul	757796	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
2		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

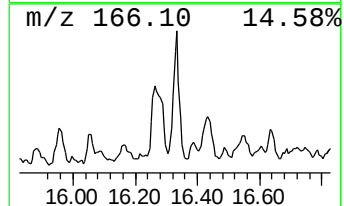
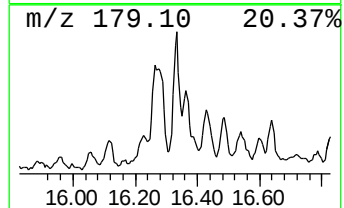
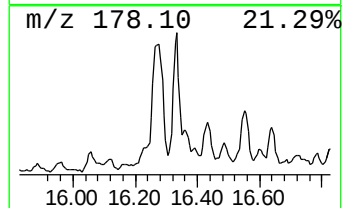
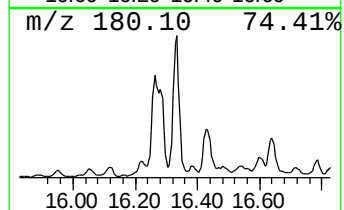
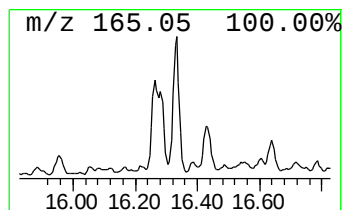
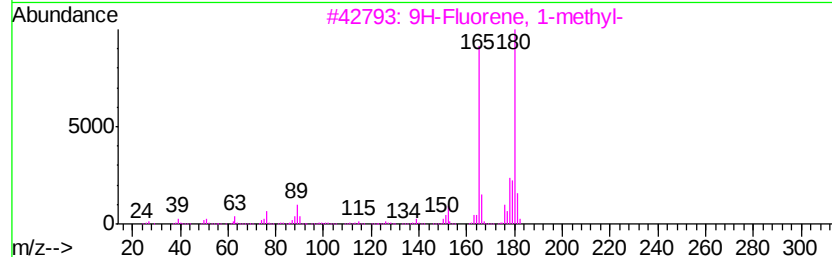
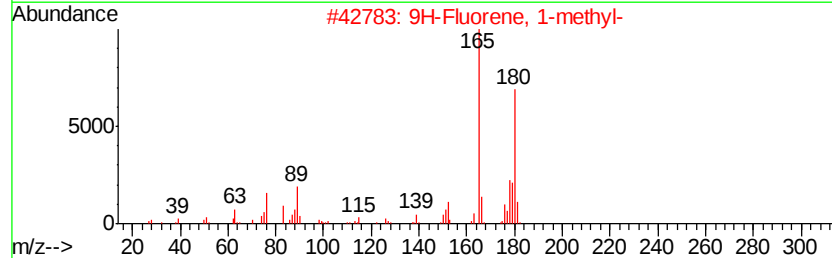
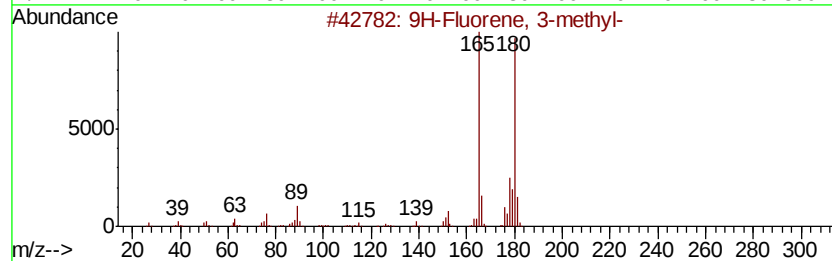
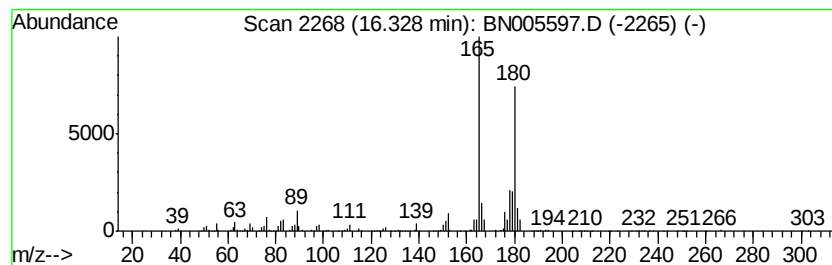
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Quant Title : SVOA CALIBRATION

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

Peak Number 50 9H-Fluorene, 3-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	8.16 ng/ul	978315	Phenanthrene-d10	16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4			9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
5			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

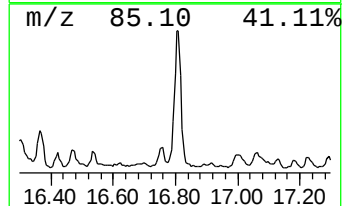
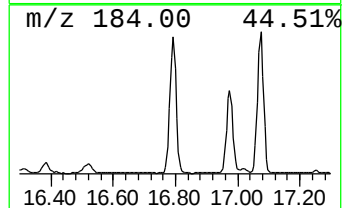
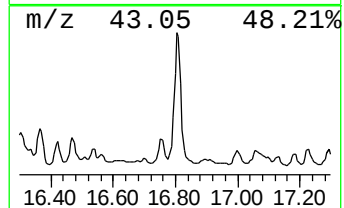
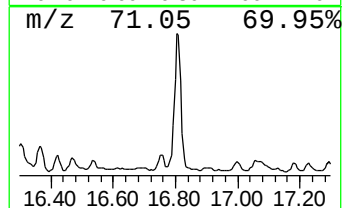
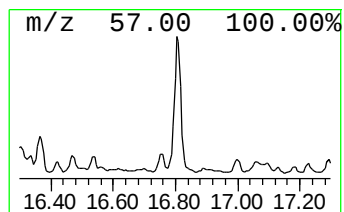
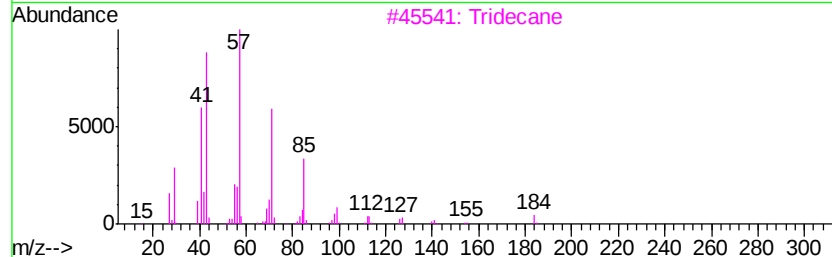
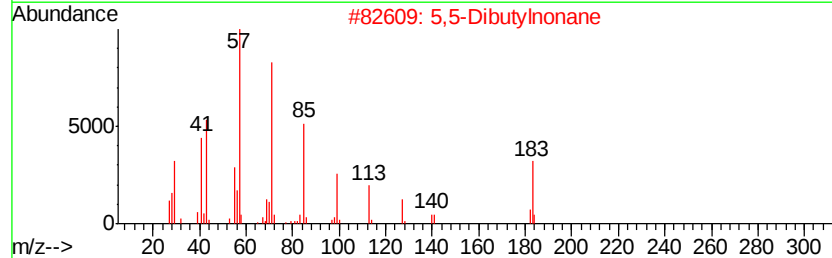
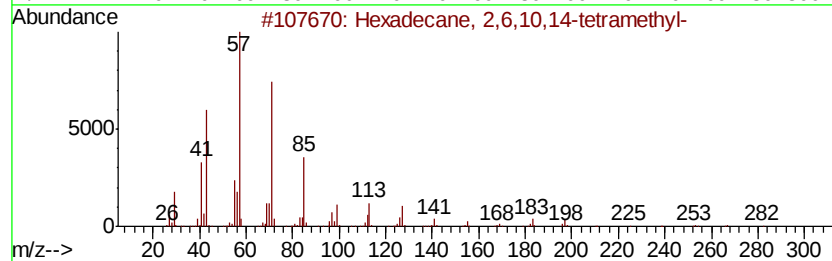
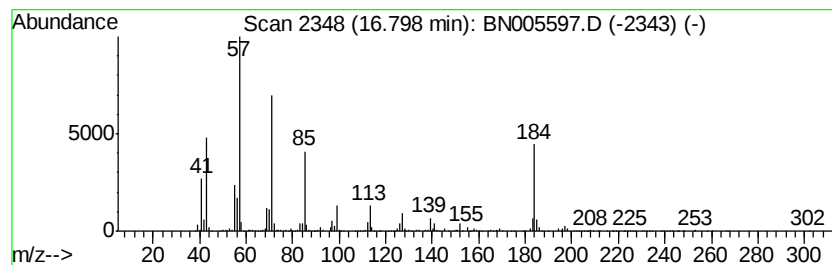
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	30.54 ng/ul	3660000	Phenanthrene-d10	16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2			5,5-Dibutylnonane	240	C17H36	006008-17-9	86
3			Tridecane	184	C13H28	000629-50-5	86
4			Tetracosane	338	C24H50	000646-31-1	80
5			Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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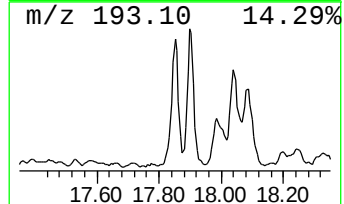
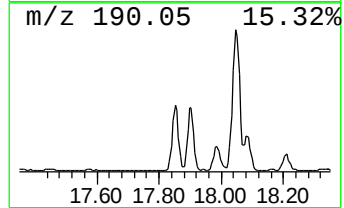
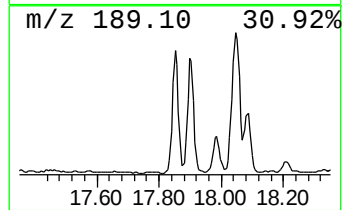
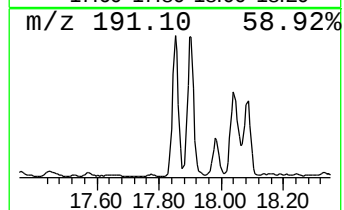
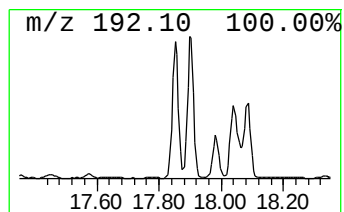
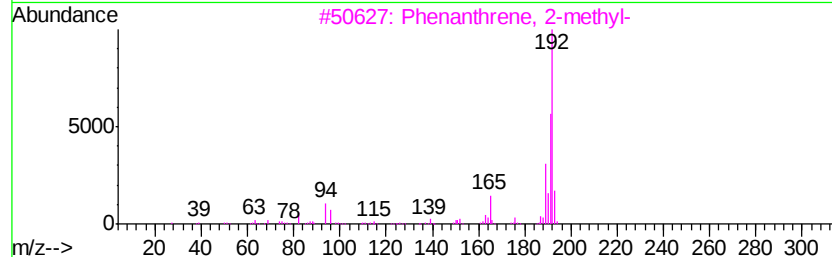
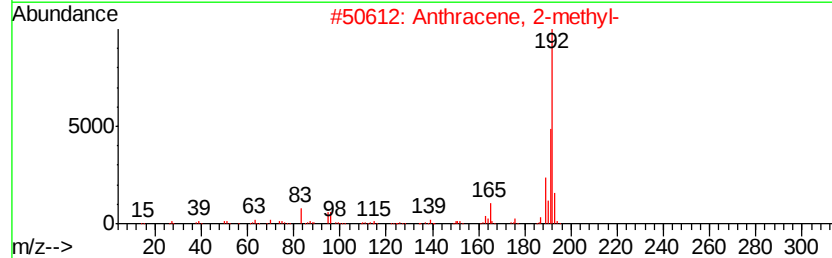
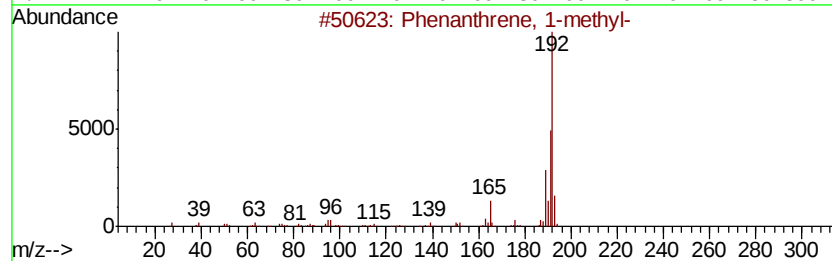
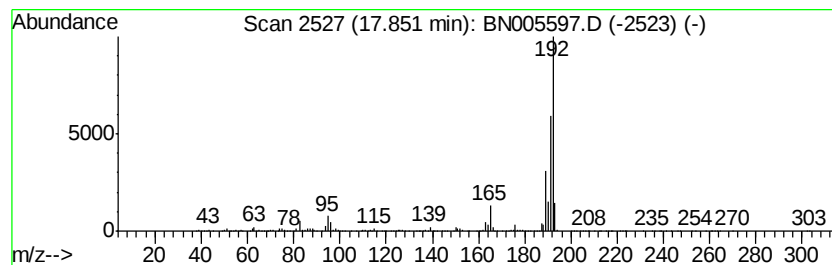
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Quant Title : SVOA CALIBRATION

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

Peak Number 52 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	14.86 ng/ul	1780650	Phenanthrene-d10	16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

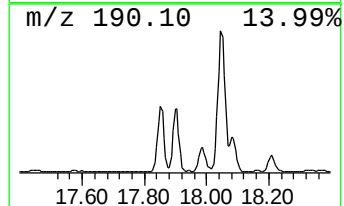
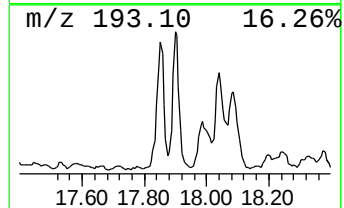
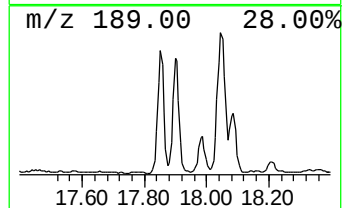
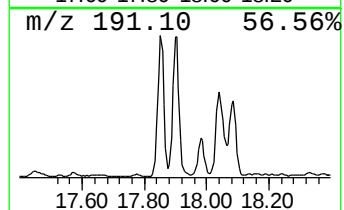
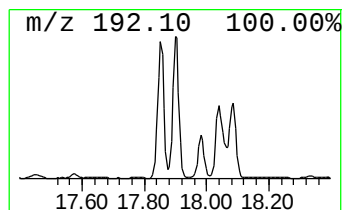
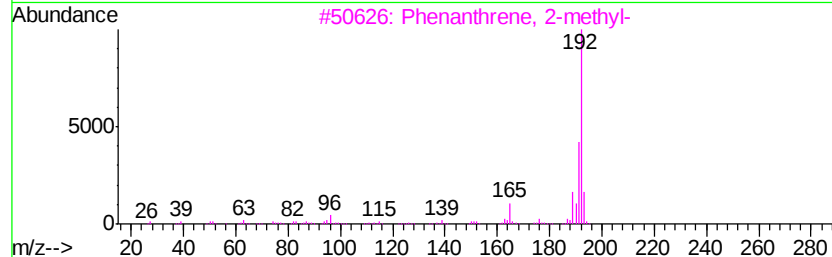
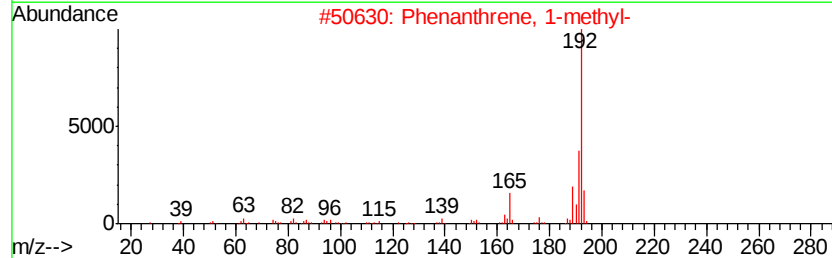
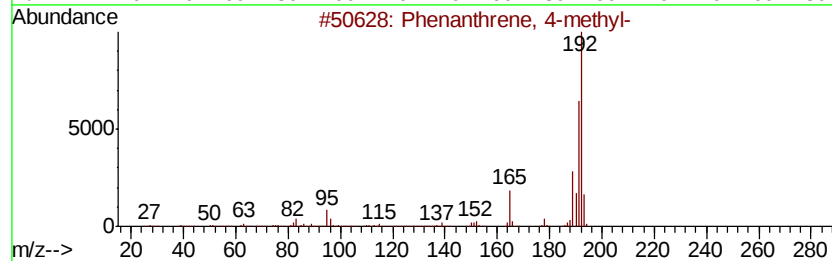
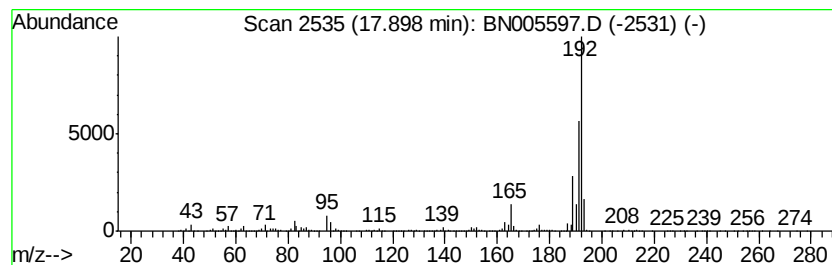
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Quant Title : SVOA CALIBRATION

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

Peak Number 53 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	16.33 ng/ul	1957090	Phenanthrene-d10	16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

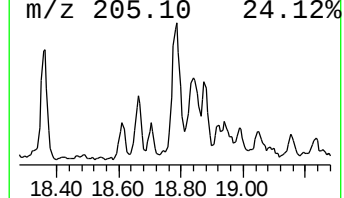
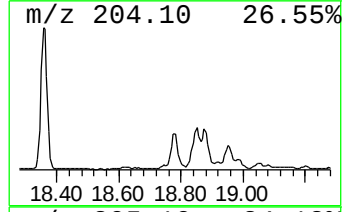
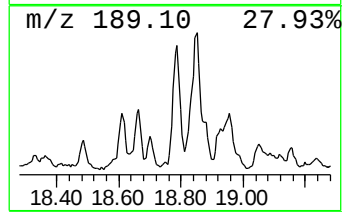
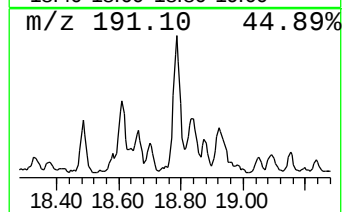
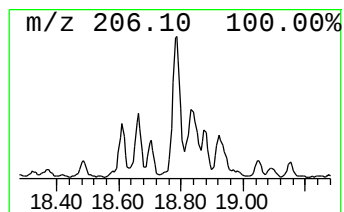
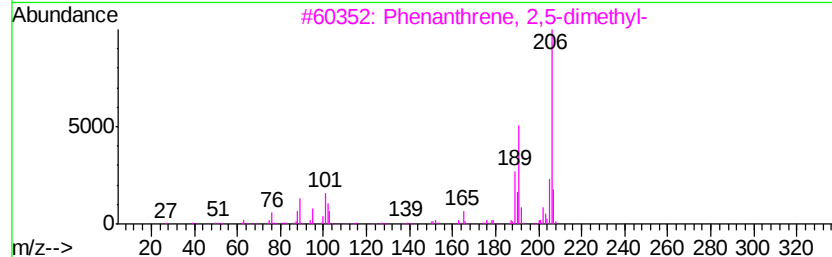
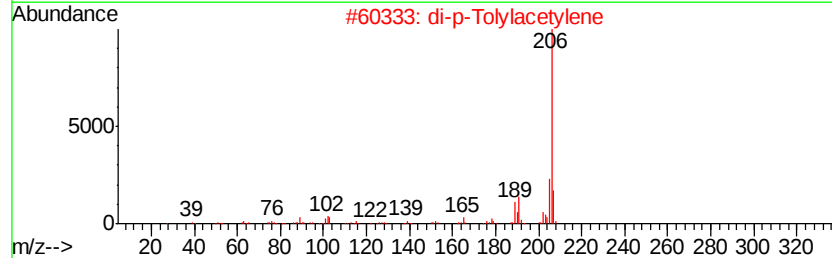
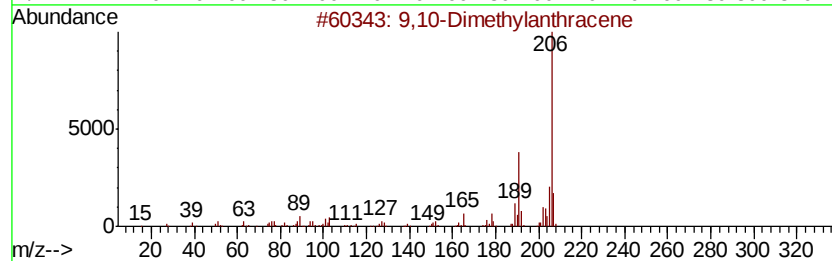
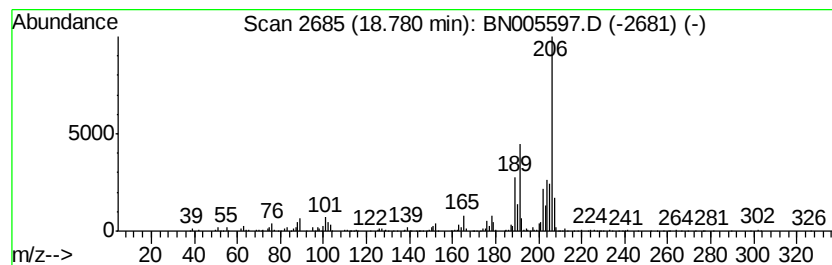
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Quant Title : SVOA CALIBRATION

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

Peak Number 56 9,10-Dimethylantracene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	7.19 ng/ul	861824	Phenanthrene-d10	16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

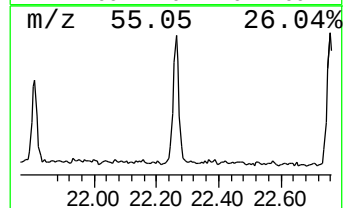
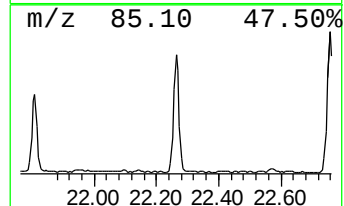
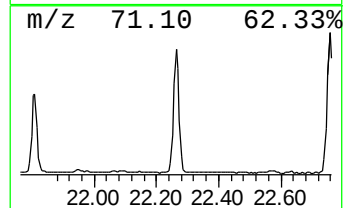
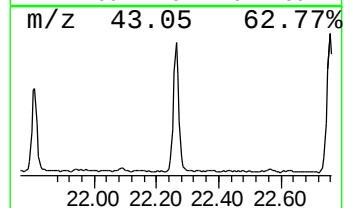
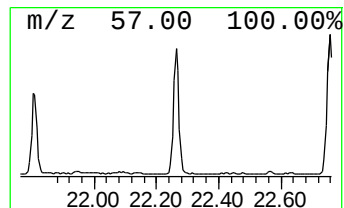
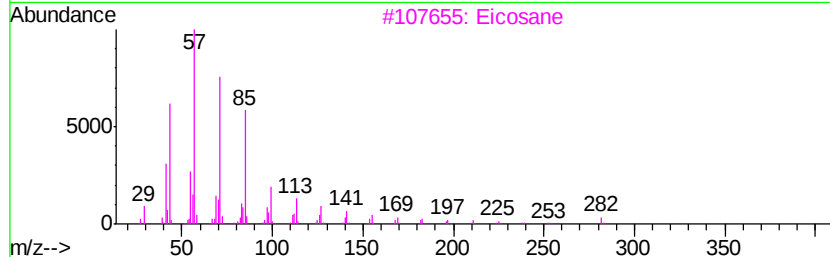
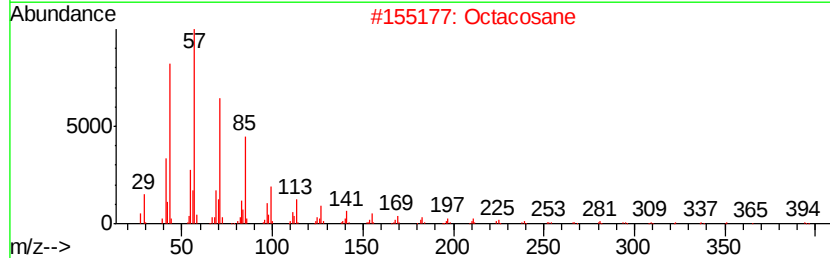
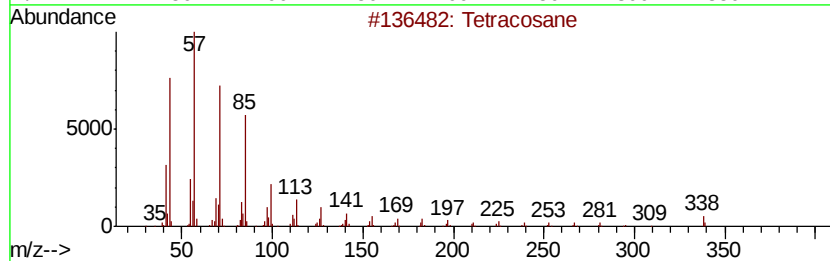
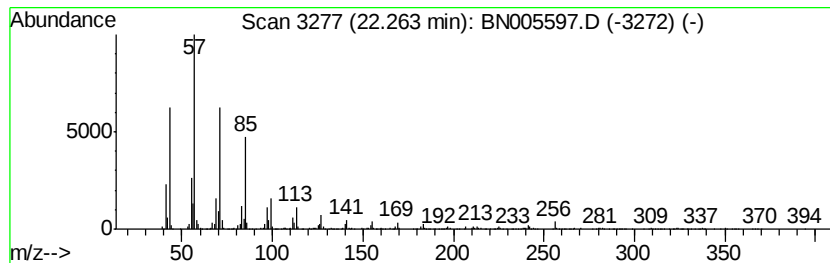
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Quant Title : SVOA CALIBRATION

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	6.86 ng/ul	1309380	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	98
2			Octacosane	394	C28H58	000630-02-4	97
3			Eicosane	282	C20H42	000112-95-8	96
4			Octacosane	394	C28H58	000630-02-4	96
5			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

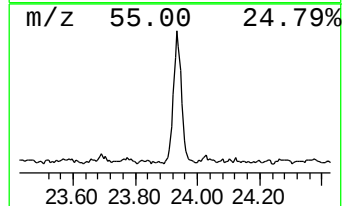
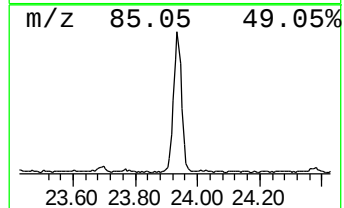
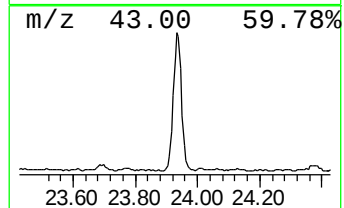
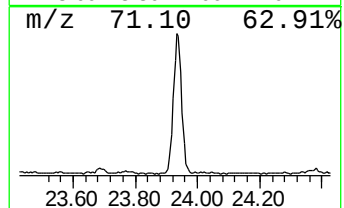
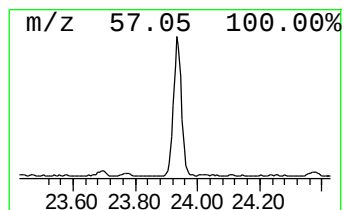
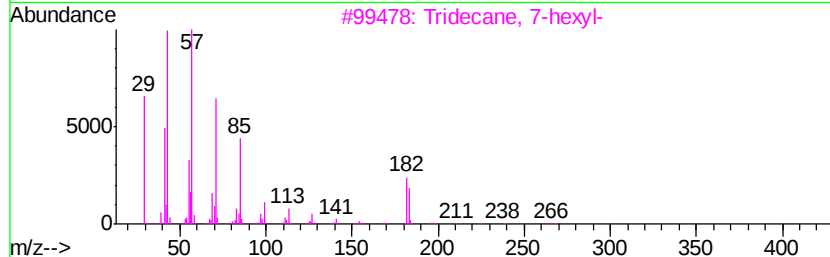
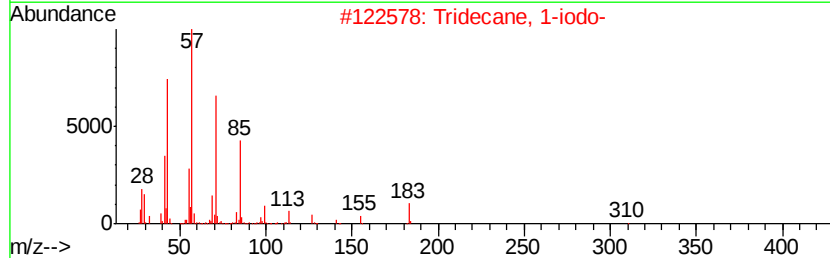
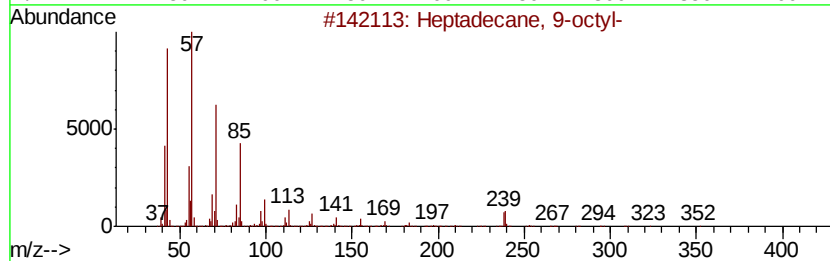
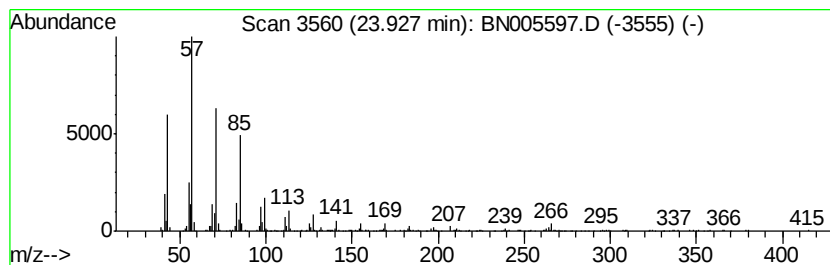
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Quant Title : SVOA CALIBRATION

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	9.01 ng/ul	1173980	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86ME

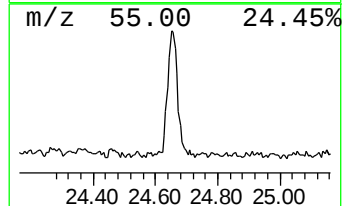
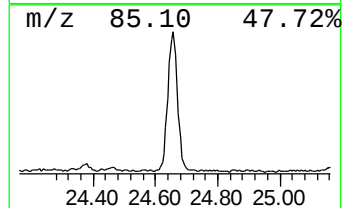
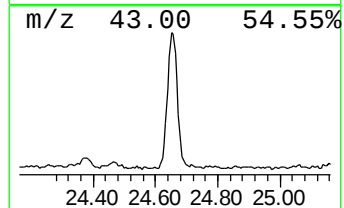
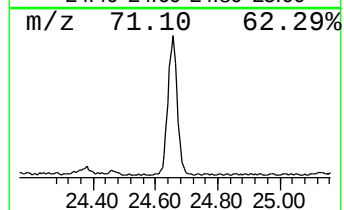
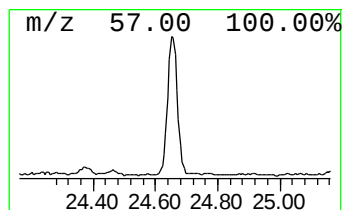
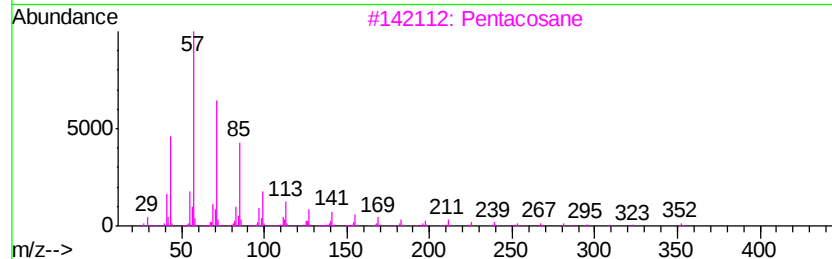
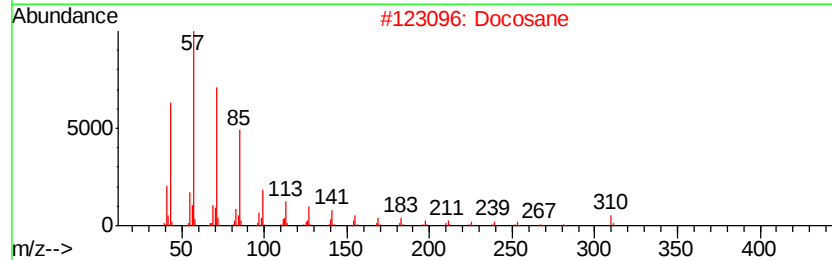
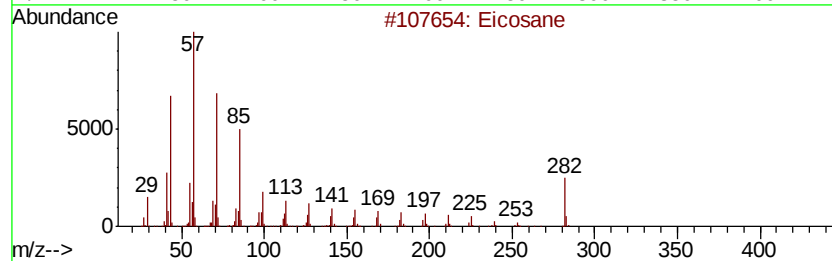
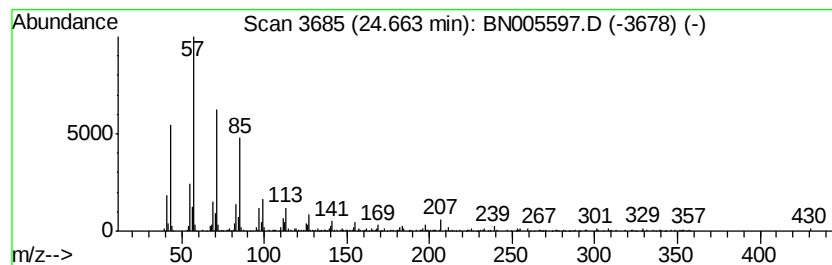
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Quant Title : SVOA CALIBRATION

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

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	6.14 ng/ul	800406	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	94
2			Docosane	310	C22H46	000629-97-0	93
3			Pentacosane	352	C25H52	000629-99-2	92
4			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5			Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
 Data File : BN005597.D
 Acq On : 10 May 2019 20:14
 Operator : JU/SJ
 Sample : K2604-12ME
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ86ME

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	7.24	52.1	ng/ul	4195760	1	7.58	1610980	20.0
Benzene, 1-etheny...	7.33	9.9	ng/ul	796710	1	7.58	1610980	20.0
Indene	8.11	88.2	ng/ul	7101370	1	7.58	1610980	20.0
(DEL) Alkane: Str...	8.80	37.9	ng/ul	3055760	1	7.58	1610980	20.0
unknown-01	8.92	13.8	ng/ul	1110940	1	7.58	1610980	20.0
(DEL) Alkane: Str...	9.21	2.1	ng/ul	811392	2	10.35	7813510	20.0
Naphthalene, deca...	9.53	4.3	ng/ul	1666980	2	10.35	7813510	20.0
(DEL) Alkane: Str...	9.63	3.8	ng/ul	1484300	2	10.35	7813510	20.0
(DEL) Alkane: Str...	9.71	3.0	ng/ul	1152990	2	10.35	7813510	20.0
Benzene, 1-ethyl-...	9.76	4.9	ng/ul	1922670	2	10.35	7813510	20.0
(DEL) Alkane: Str...	9.79	6.8	ng/ul	2667380	2	10.35	7813510	20.0
1H-Indene, 1-methyl-	9.85	2.8	ng/ul	1100250	2	10.35	7813510	20.0
(DEL) Alkane: Str...	9.89	3.4	ng/ul	1323410	2	10.35	7813510	20.0
Benzene, 1-methyl...	10.05	2.1	ng/ul	810848	2	10.35	7813510	20.0
(DEL) Alkane: Cyc...	10.25	3.5	ng/ul	1351780	2	10.35	7813510	20.0
(DEL) Alkane: Cyc...	10.58	2.6	ng/ul	1007080	2	10.35	7813510	20.0
(DEL) Alkane: Cyc...	11.05	7.5	ng/ul	2922070	2	10.35	7813510	20.0
(DEL) Alkane: Str...	11.19	4.0	ng/ul	1561360	2	10.35	7813510	20.0
(DEL) Alkane: Str...	11.28	6.3	ng/ul	2463210	2	10.35	7813510	20.0
(DEL) Alkane: Str...	11.38	16.6	ng/ul	6504180	2	10.35	7813510	20.0
Naphthalene, 1,2-...	11.53	2.1	ng/ul	821367	2	10.35	7813510	20.0
(DEL) Alkane: Str...	11.79	10.2	ng/ul	3983830	2	10.35	7813510	20.0
Naphthalene, 1-me...	12.24	28.3	ng/ul	11070000	2	10.35	7813510	20.0
(DEL) Alkane: Cyc...	12.48	10.4	ng/ul	2544270	3	14.22	4875620	20.0
(DEL) Alkane: Str...	12.55	5.9	ng/ul	1441020	3	14.22	4875620	20.0
(DEL) Alkane: Str...	12.62	8.5	ng/ul	2075980	3	14.22	4875620	20.0
(DEL) Alkane: Str...	12.70	6.3	ng/ul	1545140	3	14.22	4875620	20.0
(DEL) Alkane: Str...	12.76	17.0	ng/ul	4145170	3	14.22	4875620	20.0
(DEL) Alkane: Str...	13.15	3.2	ng/ul	775546	3	14.22	4875620	20.0
Naphthalene, 1-et...	13.25	34.9	ng/ul	8505930	3	14.22	4875620	20.0
Naphthalene, 1,6-...	13.54	33.5	ng/ul	8175850	3	14.22	4875620	20.0
Naphthalene, 1,5-...	13.77	14.9	ng/ul	3639340	3	14.22	4875620	20.0
(DEL) Alkane: Str...	14.14	7.5	ng/ul	1821730	3	14.22	4875620	20.0
Naphthalene, 2,3,...	14.70	10.2	ng/ul	2483850	3	14.22	4875620	20.0
(DEL) Alkane: Str...	14.76	9.7	ng/ul	2353090	3	14.22	4875620	20.0
unknown-02	14.83	11.4	ng/ul	2785020	3	14.22	4875620	20.0
Naphthalene, 1,6,...	14.90	5.5	ng/ul	1340970	3	14.22	4875620	20.0
Fluorene-9-methanol	15.10	4.2	ng/ul	1026290	3	14.22	4875620	20.0
(DEL) Alkane: Str...	15.50	18.5	ng/ul	4511770	3	14.22	4875620	20.0
(DEL) Alkane: Str...	15.60	6.2	ng/ul	744966	4	16.97	2397160	20.0
(DEL) Alkane: Str...	15.66	6.7	ng/ul	802068	4	16.97	2397160	20.0
Dibenzofuran, 4-m...	15.72	18.6	ng/ul	2232390	4	16.97	2397160	20.0
(DEL) Alkane: Str...	15.99	56.4	ng/ul	6758460	4	16.97	2397160	20.0
9H-Fluorene, 1-me...	16.26	6.3	ng/ul	757796	4	16.97	2397160	20.0
9H-Fluorene, 3-me...	16.33	8.2	ng/ul	978315	4	16.97	2397160	20.0
(DEL) Alkane: Str...	16.80	30.5	ng/ul	3660000	4	16.97	2397160	20.0
Phenanthrene, 1-m...	17.85	14.9	ng/ul	1780650	4	16.97	2397160	20.0
Phenanthrene, 4-m...	17.90	16.3	ng/ul	1957090	4	16.97	2397160	20.0
9,10-Dimethylanthe...	18.78	7.2	ng/ul	861824	4	16.97	2397160	20.0

(DEL)	Alkane: Str...	22.26	6.9 ng/ul	1309380	5	21.20	3818360	20.0
(DEL)	Alkane: Str...	23.93	9.0 ng/ul	1173980	6	23.40	2605360	20.0
(DEL)	Alkane: Str...	24.66	6.1 ng/ul	800406	6	23.40	2605360	20.0

Instrument :
BNA_N
ClientSampleId :
GAJ86ME