

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
 Data File : BN005546.D
 Acq On : 08 May 2019 23:27
 Operator : JU/SJ
 Sample : K2604-12 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ86

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	5.164	363	370	379	rBV	9862957	14774459	16.29%	1.399%
2	5.311	386	395	407	rVB	3525590	6377949	7.03%	0.604%
3	5.646	444	452	462	rVB	5149747	8192884	9.03%	0.776%
4	6.828	648	653	659	rVB	1799549	2634072	2.90%	0.250%
5	7.252	716	725	732	rBV3	7656007	17690535	19.50%	1.676%
6	7.334	732	739	747	rVB	1947760	3456654	3.81%	0.327%
7	7.575	774	780	787	rBV2	2274614	4169501	4.60%	0.395%
8	7.705	797	802	809	rVB2	1820618	2883042	3.18%	0.273%
9	7.869	823	830	838	rBV3	1303272	2968711	3.27%	0.281%
10	7.952	838	844	849	rVB2	1308092	2376363	2.62%	0.225%
11	8.122	862	873	879	rBV	15816840	28136754	31.02%	2.665%
12	8.222	886	890	892	rBV2	1605425	2302092	2.54%	0.218%
13	8.352	907	912	915	rBV	1584531	2461811	2.71%	0.233%
14	8.681	958	968	976	rBV3	3791484	8963933	9.88%	0.849%
15	8.816	986	991	995	rVV	6976037	9293612	10.25%	0.880%
16	8.928	1006	1010	1017	rVB5	2241327	4933298	5.44%	0.467%
17	9.010	1017	1024	1027	rBV4	1097779	2357506	2.60%	0.223%
18	9.063	1027	1033	1040	rVB4	1592829	3722498	4.10%	0.353%
19	9.222	1053	1060	1063	rBV2	1803331	3404353	3.75%	0.322%
20	9.263	1063	1067	1069	rBV	1686195	2606803	2.87%	0.247%
21	9.499	1102	1107	1111	rVV2	2880824	4627337	5.10%	0.438%
22	9.546	1111	1115	1124	rVB5	2883281	6314208	6.96%	0.598%
23	9.640	1124	1131	1138	rVB3	2261447	5907552	6.51%	0.560%
24	9.722	1141	1145	1149	rBV	3231689	4884640	5.38%	0.463%
25	9.775	1149	1154	1155	rBV2	4267128	5878415	6.48%	0.557%
26	9.910	1173	1177	1181	rVB3	2565133	3699716	4.08%	0.350%
27	10.069	1197	1204	1208	rBV3	1809225	3969891	4.38%	0.376%
28	10.234	1228	1232	1235	rVV2	1726630	2844380	3.14%	0.269%
29	10.269	1235	1238	1244	rVV4	3001764	6141731	6.77%	0.582%
30	10.351	1245	1252	1257	rVV2	12649429	25571284	28.19%	2.422%
31	10.428	1257	1265	1270	rVV2	25659959	58214318	64.18%	5.514%
32	10.481	1270	1274	1278	rVV4	2893021	5634849	6.21%	0.534%
33	10.540	1278	1284	1288	rVV	10664218	17512162	19.31%	1.659%
34	10.587	1288	1292	1299	rVV4	1743648	4275164	4.71%	0.405%

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35	10.657	1300	1304	1310	rVB6	1750844	3092919	3.41%	0.293%
36	11.063	1362	1373	1377	rBV4	4994086	11286703	12.44%	1.069%
37	11.134	1382	1385	1390	rVB2	1991099	3077193	3.39%	0.291%
38	11.210	1393	1398	1403	rVB3	3466564	5681481	6.26%	0.538%
39	11.293	1404	1412	1417	rVB3	4584987	9761412	10.76%	0.925%
40	11.404	1424	1431	1439	rBV2	12260729	25595172	28.22%	2.424%
41	11.551	1452	1456	1464	rVB2	3020188	5596859	6.17%	0.530%
42	11.816	1493	1501	1509	rBV2	6310356	14931169	16.46%	1.414%
43	11.893	1510	1514	1516	rBV4	1611699	2489792	2.74%	0.236%
44	12.063	1531	1543	1547	rVB2	34651930	90711645	100.00%	8.592%
45	12.269	1570	1578	1585	rVV	21338255	42250349	46.58%	4.002%
46	12.498	1612	1617	1623	rVB4	4979051	10244579	11.29%	0.970%
47	12.557	1623	1627	1635	rVB3	3423609	5985264	6.60%	0.567%
48	12.634	1635	1640	1649	rVB	4845025	8495014	9.36%	0.805%
49	12.722	1650	1655	1660	rBV3	3435865	6446845	7.11%	0.611%
50	12.781	1660	1665	1670	rBV	11879063	15861181	17.49%	1.502%
51	13.069	1705	1714	1717	rBV3	4747807	14443154	15.92%	1.368%
52	13.163	1726	1730	1734	rBV2	2114220	2566715	2.83%	0.243%
53	13.263	1739	1747	1762	rVB	14335780	33573199	37.01%	3.180%
54	13.404	1763	1771	1772	rBV	13951303	24788466	27.33%	2.348%
55	13.422	1772	1774	1778	rVB	15533838	17937336	19.77%	1.699%
56	13.569	1791	1799	1803	rVV	15083819	31127548	34.31%	2.948%
57	13.616	1803	1807	1811	rVB	11044407	15104159	16.65%	1.431%
58	13.740	1817	1828	1831	rBV3	11699617	23539096	25.95%	2.230%
59	13.792	1831	1837	1841	rVV2	8425801	17361668	19.14%	1.645%
60	13.851	1845	1847	1852	rVB3	2625855	2857941	3.15%	0.271%
61	13.951	1857	1864	1872	rVB4	5178783	11313417	12.47%	1.072%
62	14.157	1893	1899	1903	rBV2	3080051	5259013	5.80%	0.498%
63	14.216	1904	1909	1917	rVV4	7155896	15596272	17.19%	1.477%
64	14.298	1918	1923	1932	rVB3	7484893	16386913	18.06%	1.552%
65	14.445	1943	1948	1959	rVB	5013122	13293783	14.65%	1.259%
66	14.639	1970	1981	1988	rVV3	6266098	19839032	21.87%	1.879%
67	14.716	1988	1994	2000	rVV2	7450284	12672253	13.97%	1.200%
68	14.775	2000	2004	2010	rVB2	6801068	9390766	10.35%	0.890%
69	14.845	2011	2016	2023	rVV3	5418315	12045283	13.28%	1.141%
70	14.916	2024	2028	2031	rVV	4111962	5527790	6.09%	0.524%
71	15.028	2040	2047	2051	rBV3	3166851	7650439	8.43%	0.725%

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72	15.110	2058	2061	2065	rVV	2269427	2624191	2.89%	0.249%
73	15.222	2074	2080	2086	rVB4	2817995	8067628	8.89%	0.764%
74	15.287	2086	2091	2095	rBV2	6956369	10420341	11.49%	0.987%
75	15.328	2095	2098	2104	rVB3	2342173	4138675	4.56%	0.392%
76	15.516	2123	2130	2135	rBV2	9295245	17571527	19.37%	1.664%
77	15.581	2135	2141	2143	rBV4	1413045	2589332	2.85%	0.245%
78	15.669	2152	2156	2158	rBV2	1906817	3003723	3.31%	0.285%
79	16.004	2203	2213	2217	rBV	13673286	23984389	26.44%	2.272%
80	16.275	2255	2259	2261	rBV2	2053303	3100908	3.42%	0.294%
81	16.345	2267	2271	2274	rVB	3212906	3800521	4.19%	0.360%
82	16.375	2274	2276	2282	rVB2	1875585	2558716	2.82%	0.242%
83	16.822	2345	2352	2361	rVB2	7339118	14206220	15.66%	1.346%
84	16.986	2375	2380	2383	rBV	2619364	4282466	4.72%	0.406%
85	17.033	2383	2388	2393	rVB	16146493	24104080	26.57%	2.283%
86	17.116	2399	2402	2408	rVB	3146384	4362705	4.81%	0.413%
87	17.186	2409	2414	2418	rVB3	1284517	2321095	2.56%	0.220%
88	17.422	2451	2454	2461	rVV	1876971	3044413	3.36%	0.288%
89	17.569	2476	2479	2489	rVB3	1145083	2755879	3.04%	0.261%
90	17.863	2524	2529	2533	rVV	4769105	6928965	7.64%	0.656%
91	17.910	2533	2537	2541	rVB	5126869	6902195	7.61%	0.654%
92	17.992	2547	2551	2556	rBV2	1461867	2437218	2.69%	0.231%
93	18.051	2556	2561	2565	rVV2	4110607	7618395	8.40%	0.722%
94	18.092	2565	2568	2574	rVB	3223062	4508663	4.97%	0.427%
95	18.369	2611	2615	2621	rVB	1801459	2512874	2.77%	0.238%
96	18.792	2682	2687	2692	rBV3	2092849	3449707	3.80%	0.327%
97	19.057	2727	2732	2739	rBV2	3327923	4597139	5.07%	0.435%
98	19.422	2790	2794	2805	rVB	4247849	6557661	7.23%	0.621%
99	21.204	3091	3097	3101	rBV3	3949490	7105685	7.83%	0.673%
100	23.404	3465	3471	3477	rBV	1772818	3215411	3.54%	0.305%

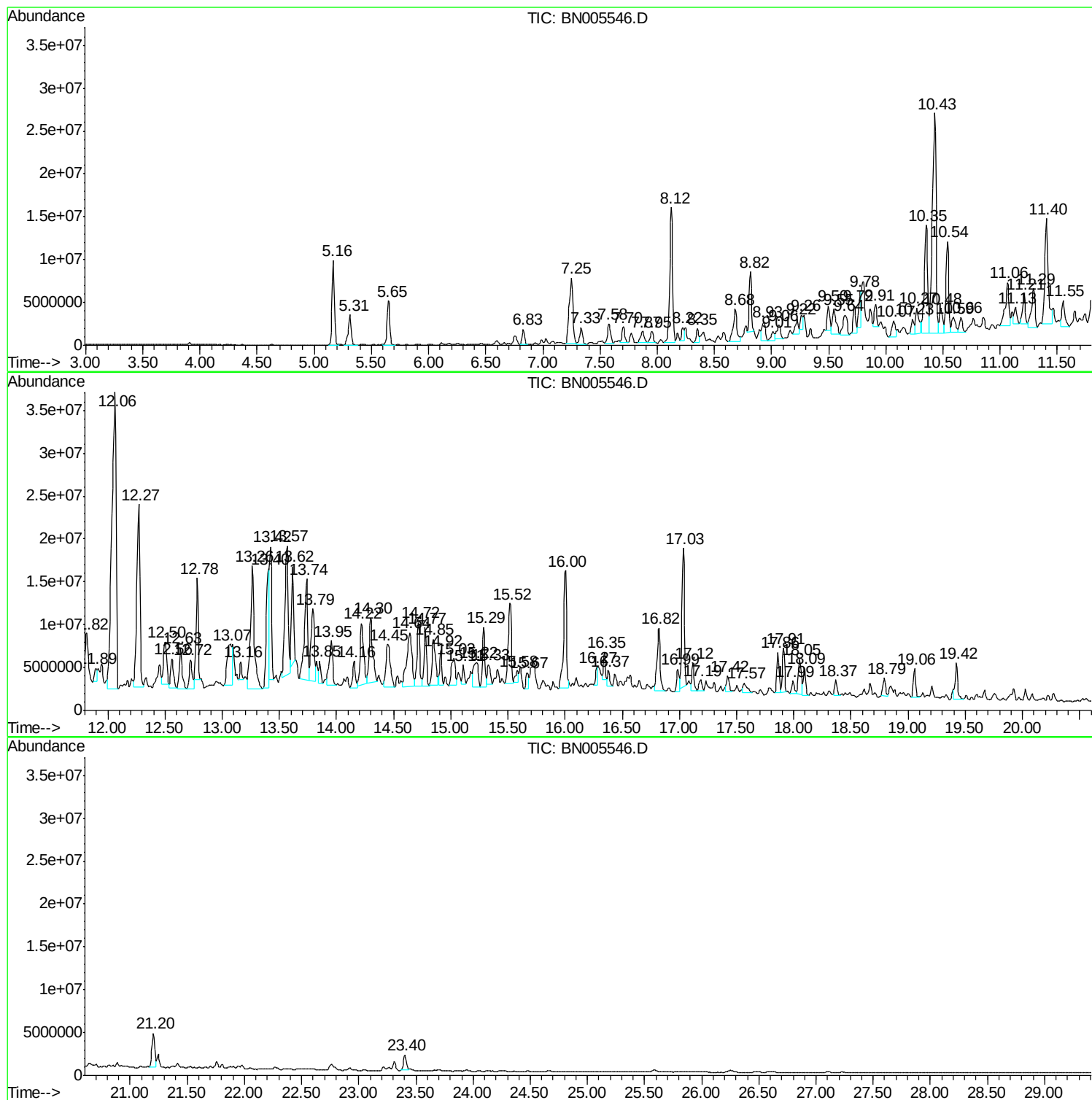
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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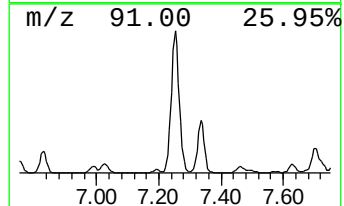
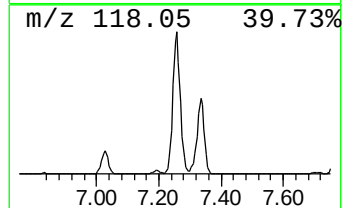
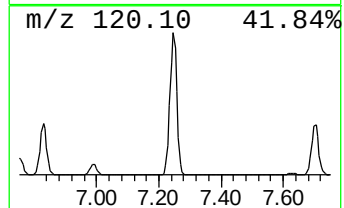
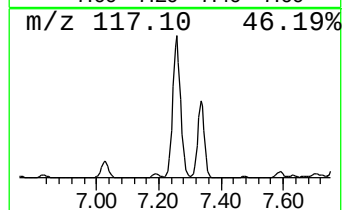
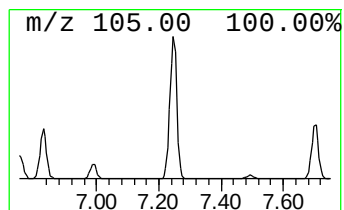
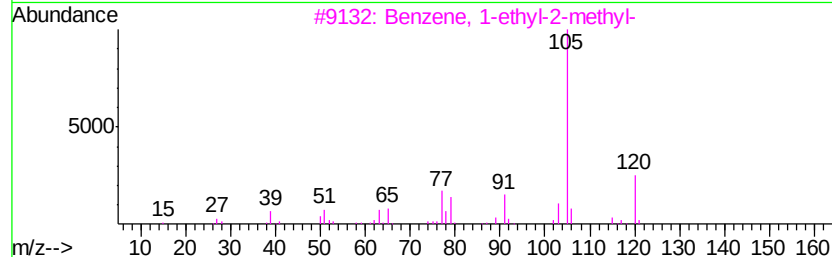
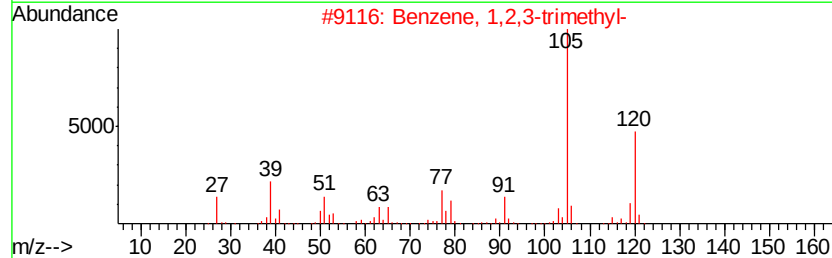
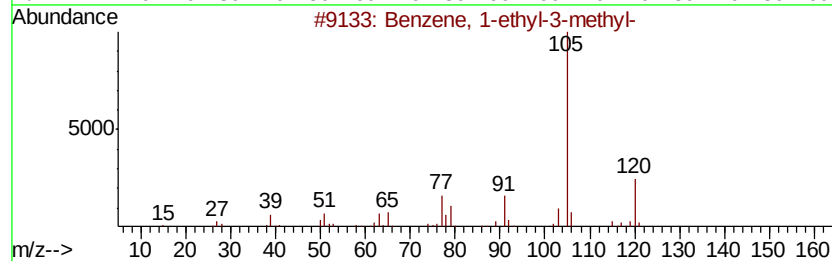
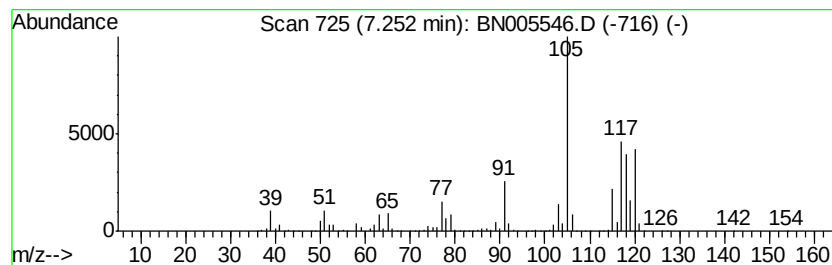
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	84.86 ng/ul	17690500	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	42
4		2,4-Nonadiyne	120	C9H12	063621-15-8	42
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	41



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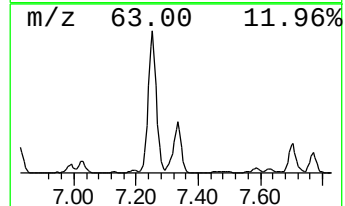
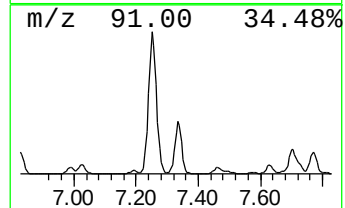
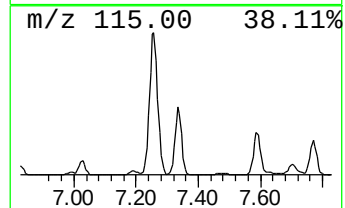
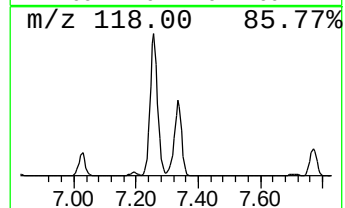
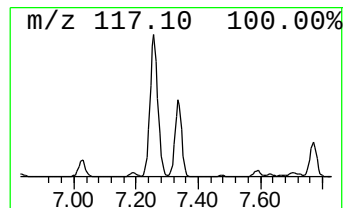
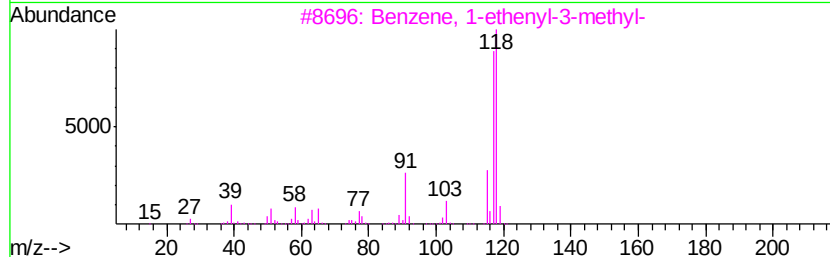
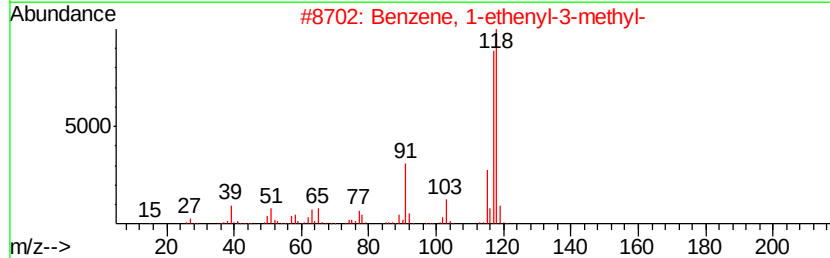
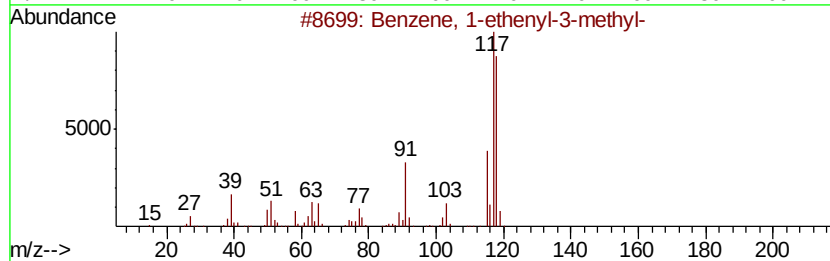
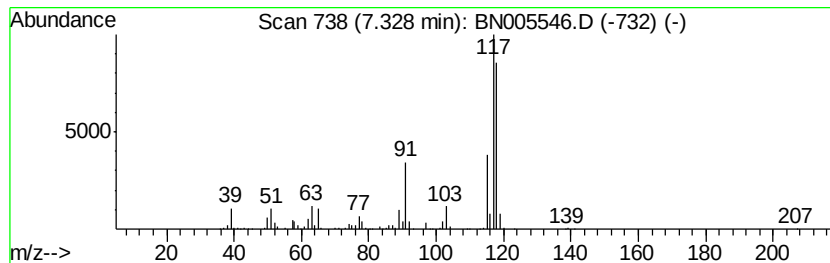
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-ethenyl-3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	16.58 ng/ul	3456650	1,4-Dichlorobenzene-d4	7.59

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



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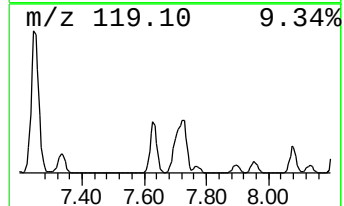
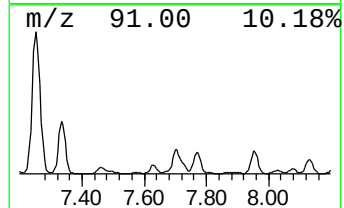
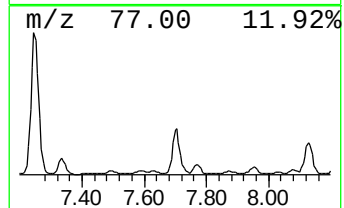
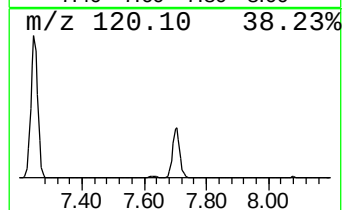
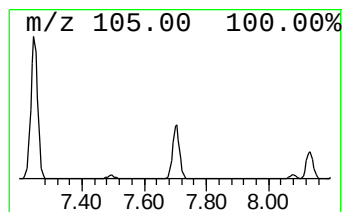
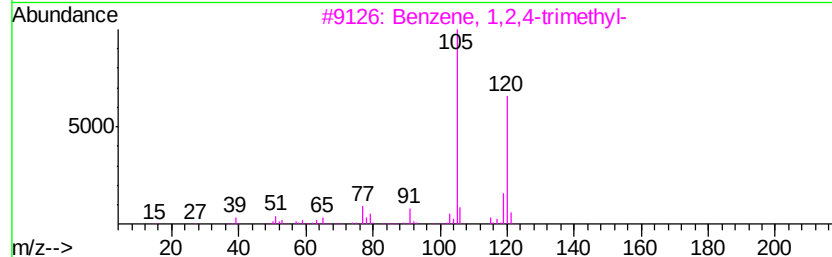
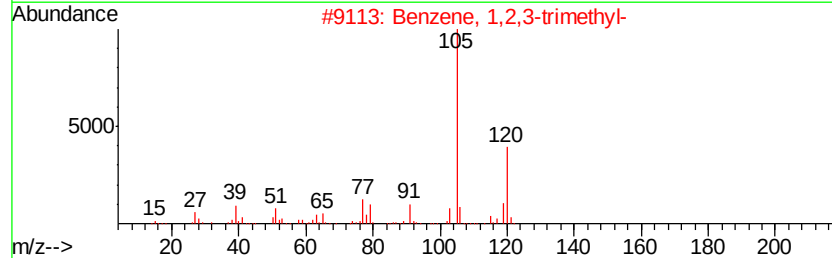
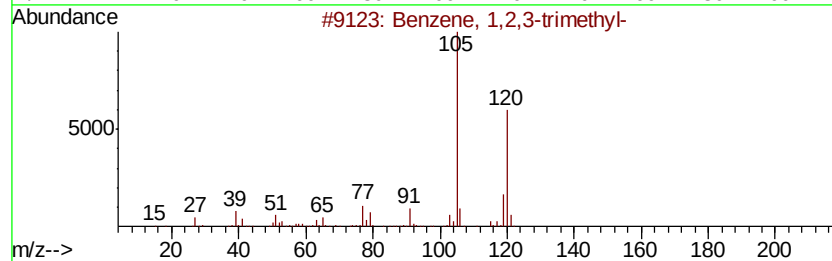
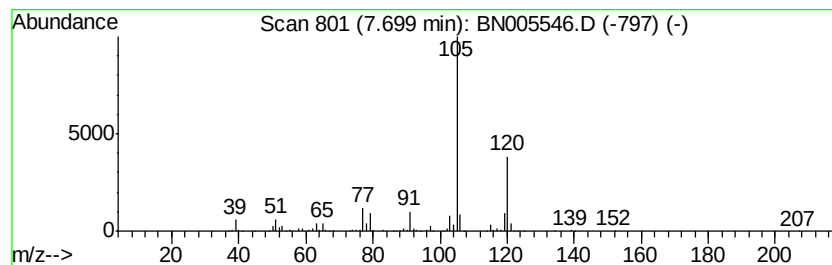
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	13.83 ng/ul	2883040	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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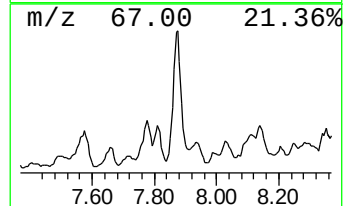
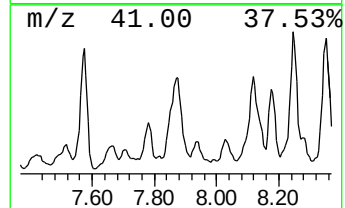
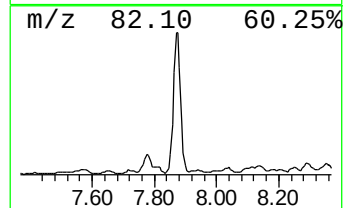
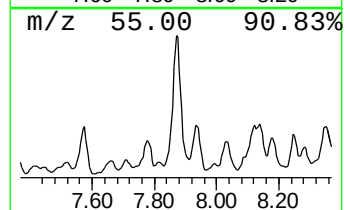
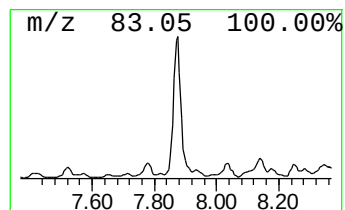
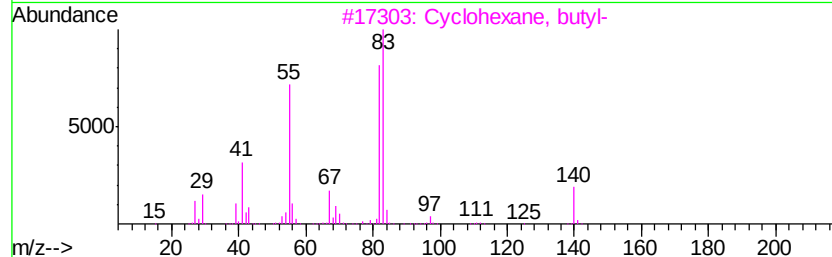
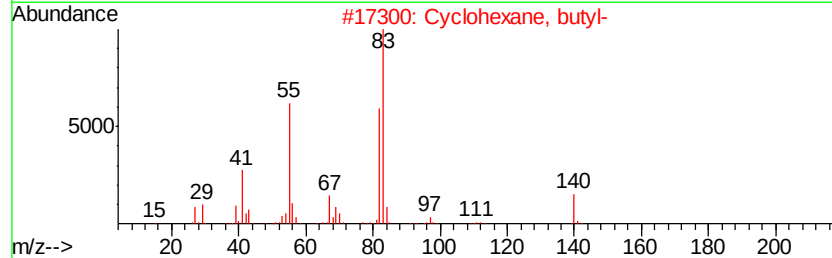
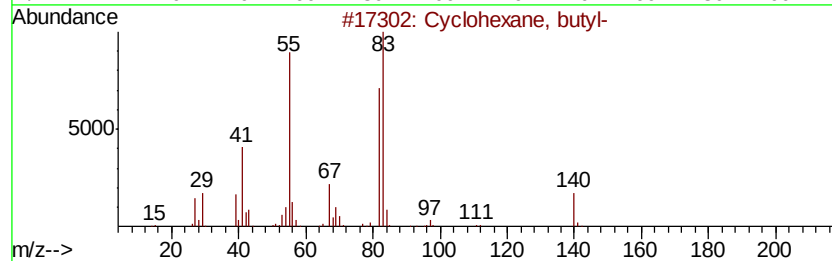
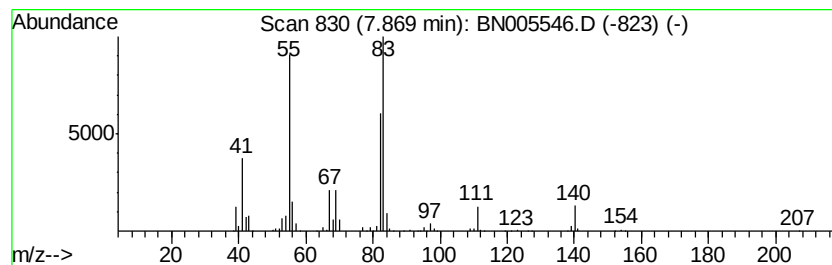
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic7.87 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	14.24 ng/ul	2968710	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	91
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	91
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	86
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
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ClientSampleId :
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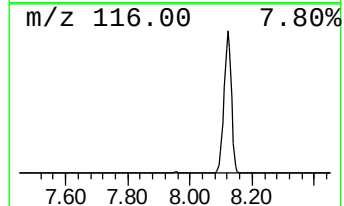
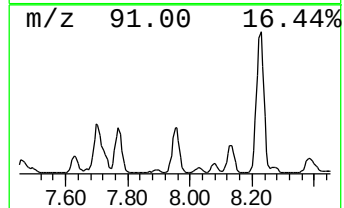
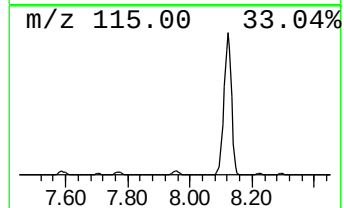
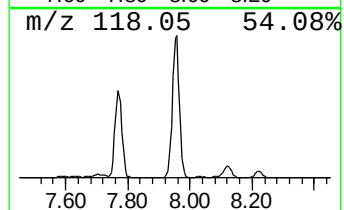
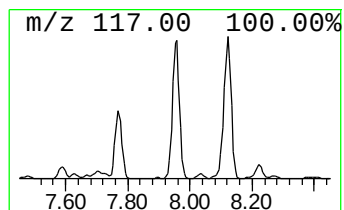
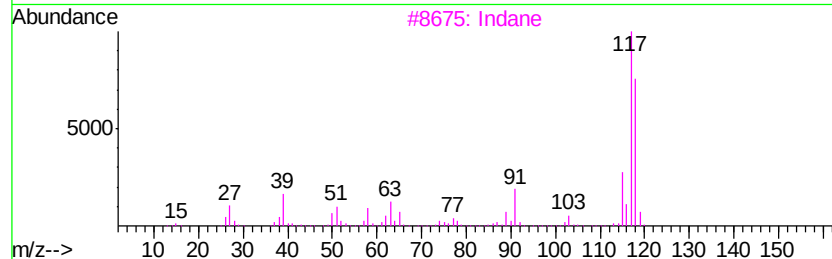
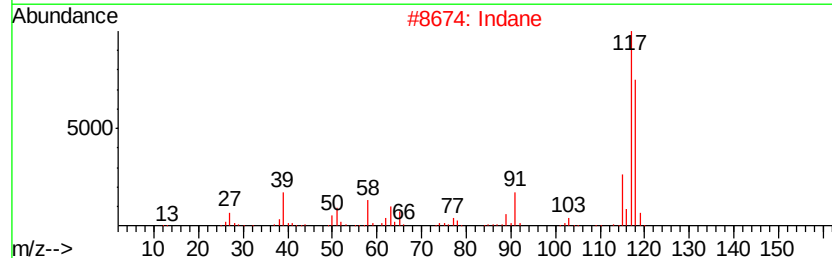
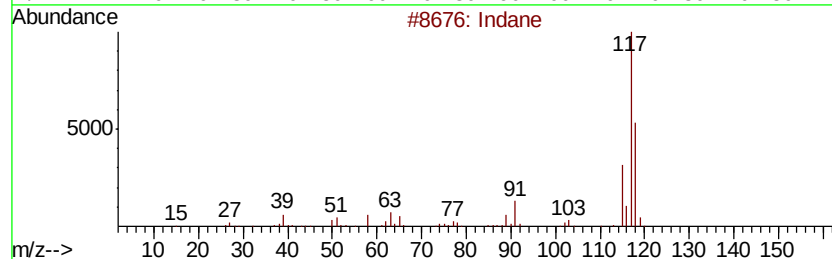
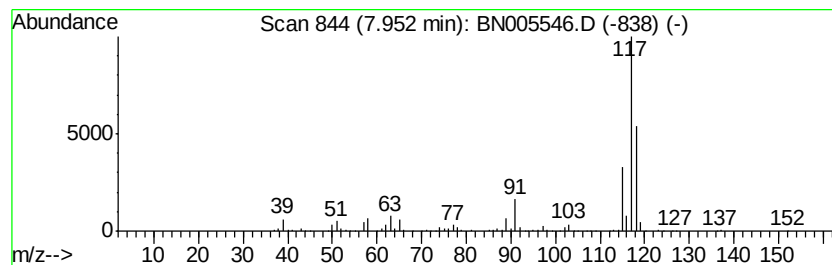
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Indane Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	11.40 ng/ul	2376360	1,4-Dichlorobenzene-d4	7.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Indane		118	C9H10	000496-11-7	91
3	Indane		118	C9H10	000496-11-7	90
4	Indane		118	C9H10	000496-11-7	87
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...		118	C9H10	1000191-13-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
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Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampled :
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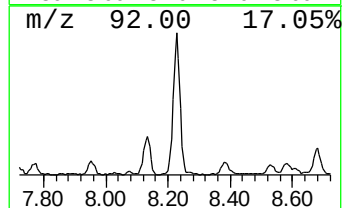
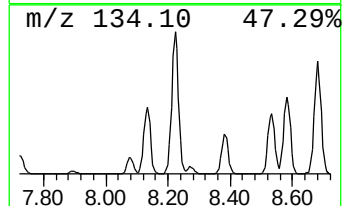
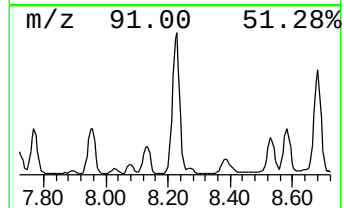
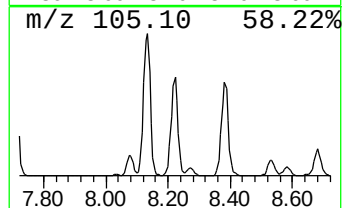
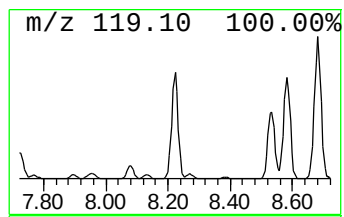
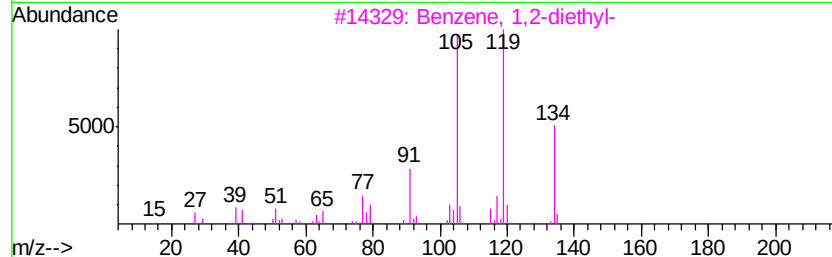
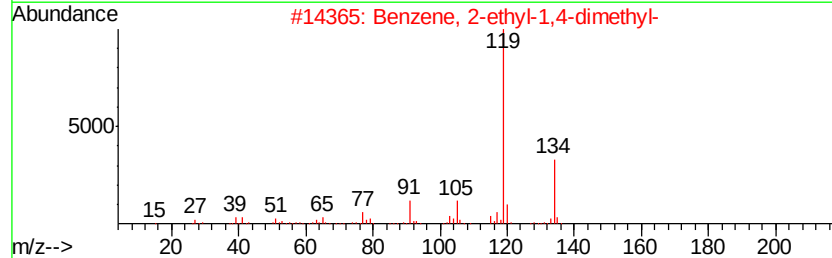
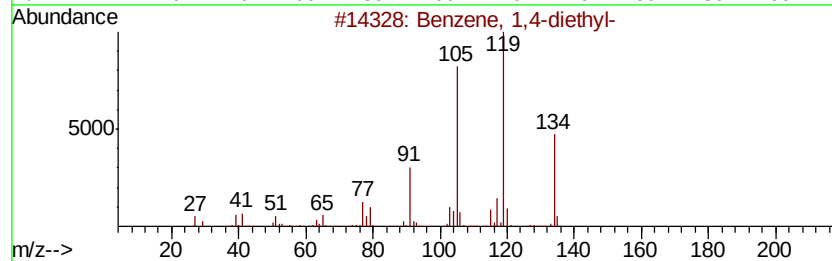
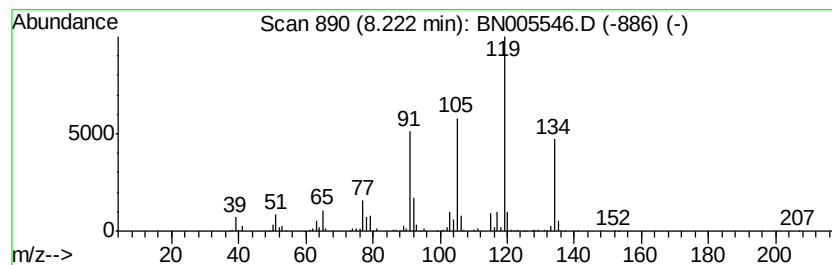
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Benzene, 1,4-diethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	11.04 ng/ul	2302090	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
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Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleID :
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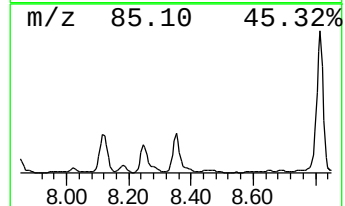
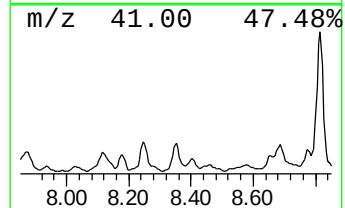
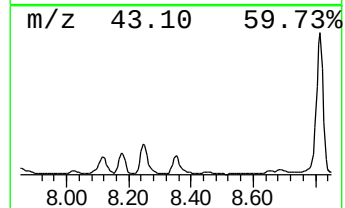
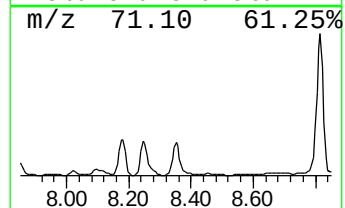
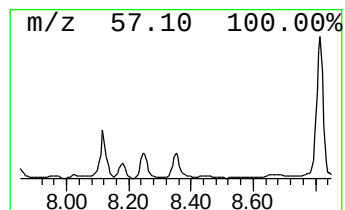
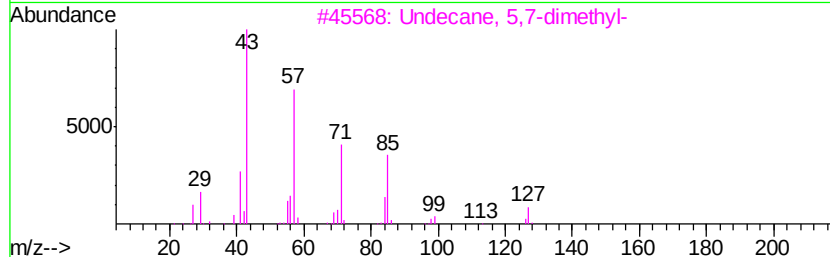
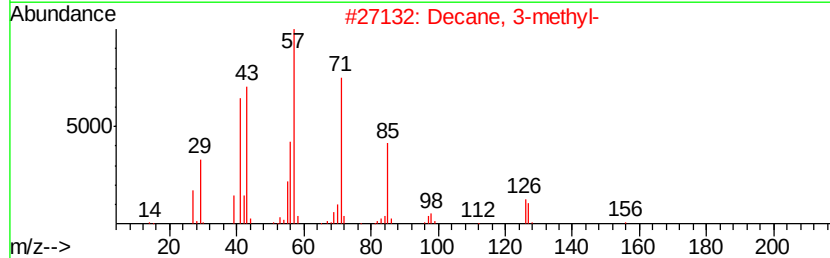
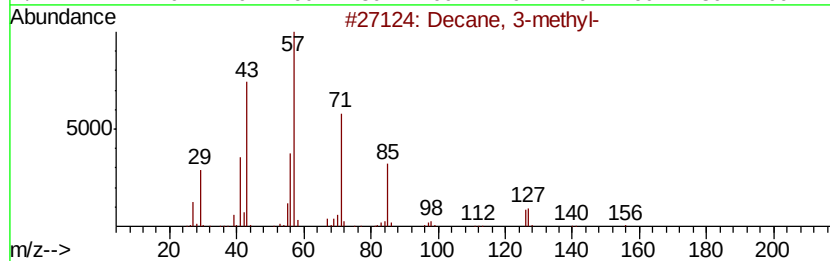
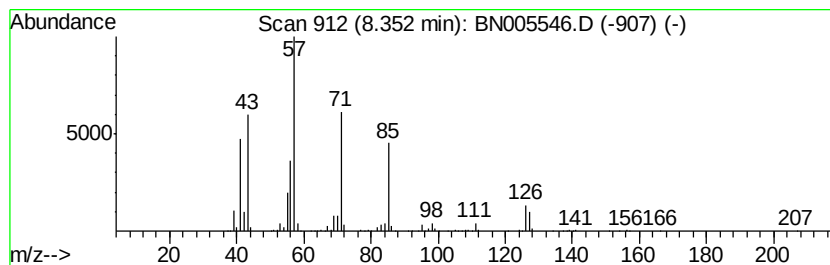
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	11.81 ng/ul	2461810	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	90
2		Decane, 3-methyl-	156	C11H24	013151-34-3	68
3		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64
4		Heptacosane	380	C27H56	000593-49-7	59
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
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Acq On : 08 May 2019 23:27
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Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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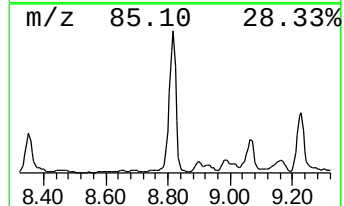
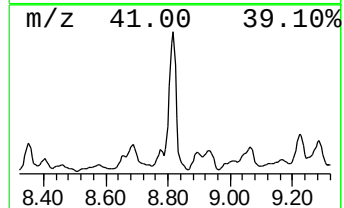
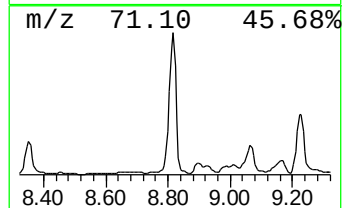
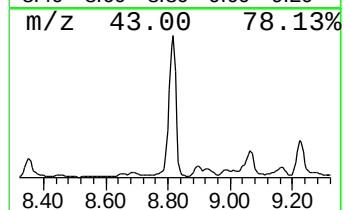
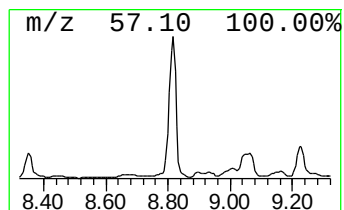
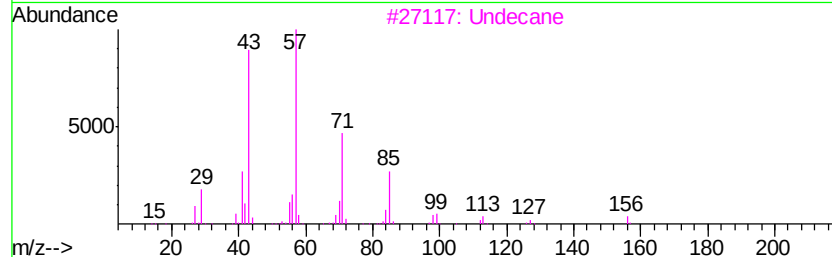
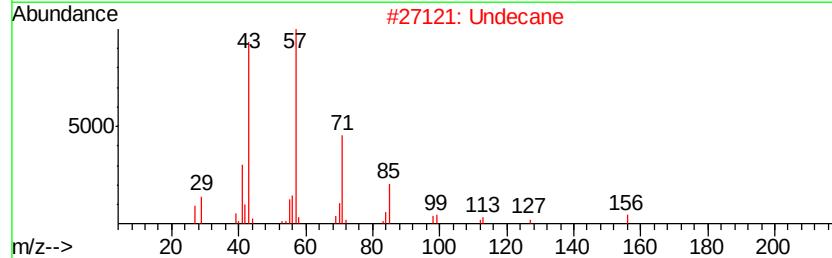
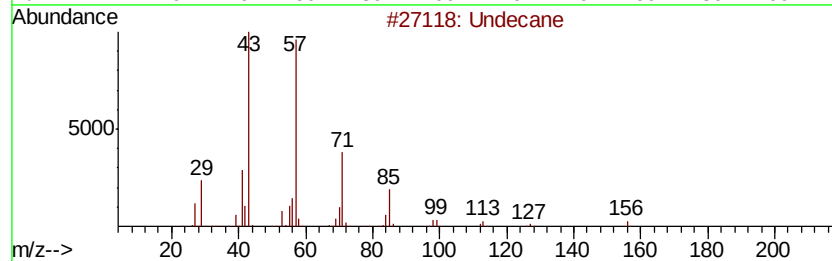
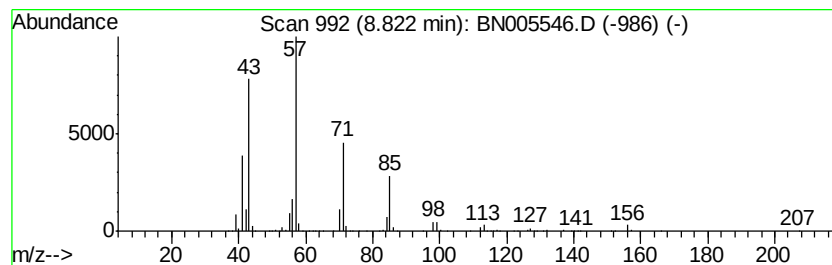
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	44.58 ng/ul	9293610	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	94
2		Undecane	156	C11H24	001120-21-4	90
3		Undecane	156	C11H24	001120-21-4	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Decane	142	C10H22	000124-18-5	90



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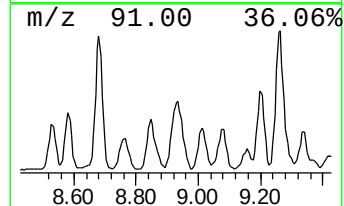
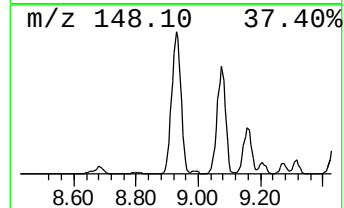
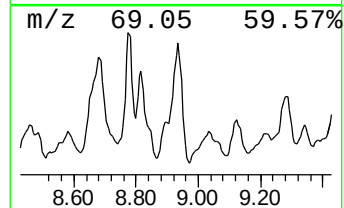
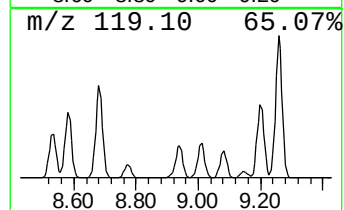
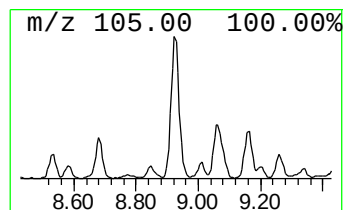
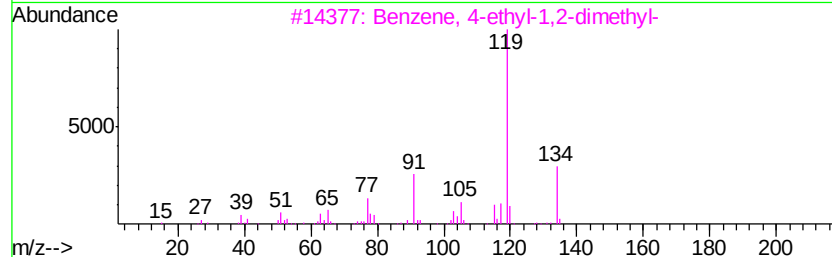
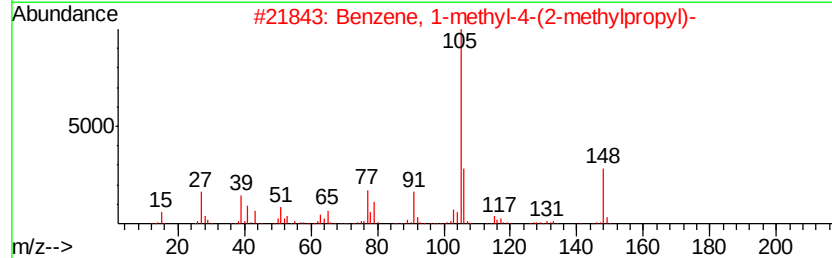
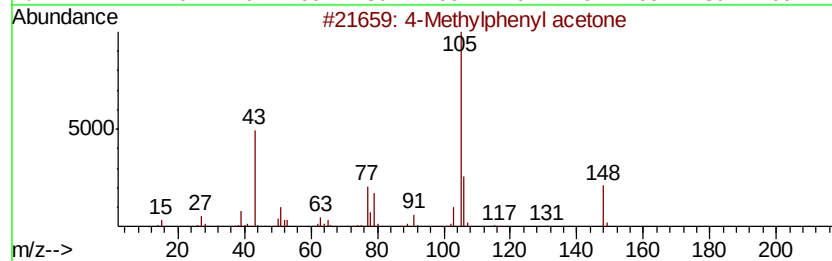
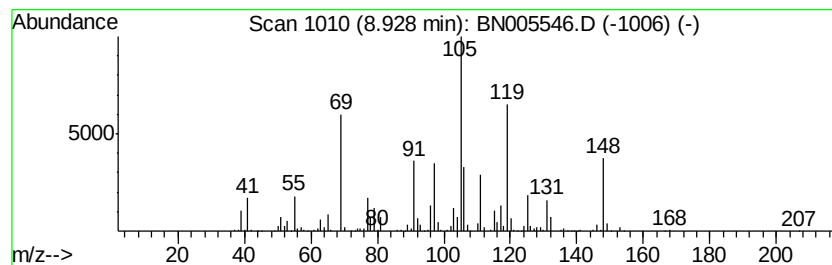
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	23.66 ng/ul	4933300	1,4-Dichlorobenzene-d4	7.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		4-Methylphenyl acetone	148 C10H12O	002096-86-8 38
2		Benzene, 1-methyl-4-(2-methylpro...	148 C11H16	005161-04-6 38
3		Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5 30
4		2-Methylindan-2-ol	148 C10H12O	033223-84-6 25
5		2-Ethyl[1,3]dithiane	148 C6H12S2	006007-23-4 22



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Acq On : 08 May 2019 23:27
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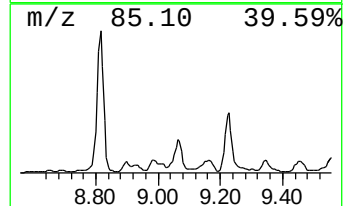
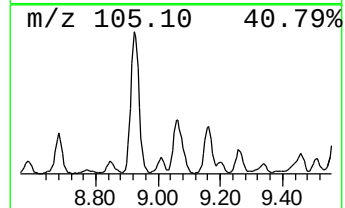
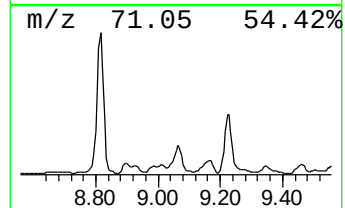
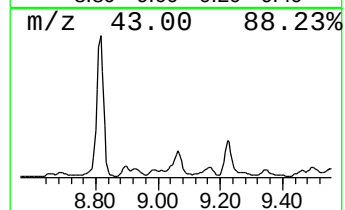
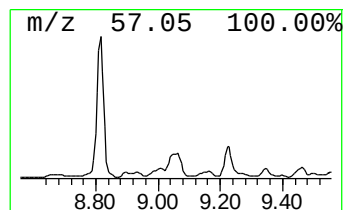
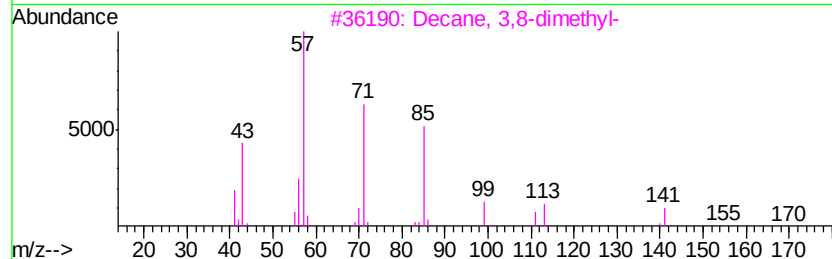
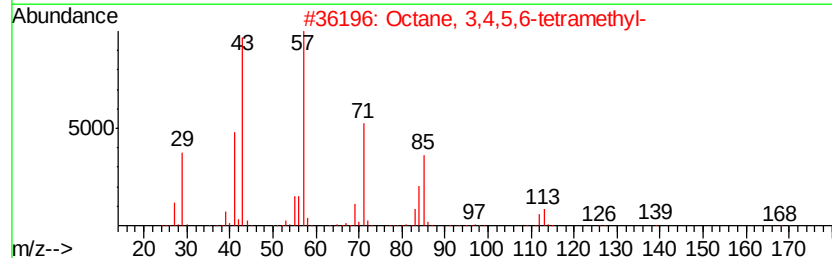
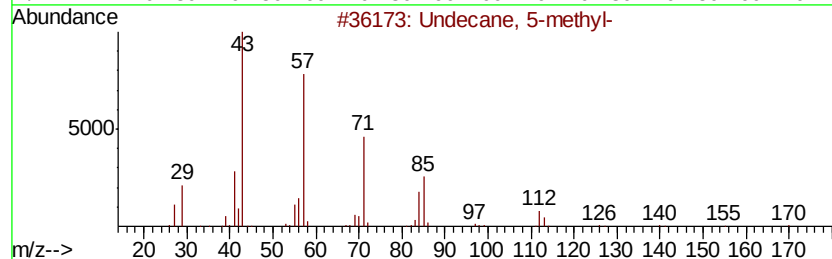
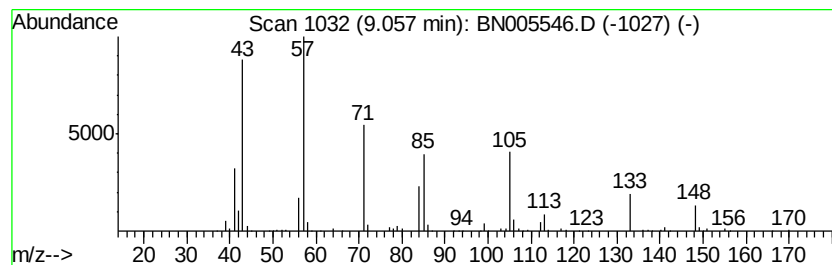
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	2.91 ng/ul	3722500	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	70
2		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	49
4		Dodecane	170	C12H26	000112-40-3	47
5		Hexadecane	226	C16H34	000544-76-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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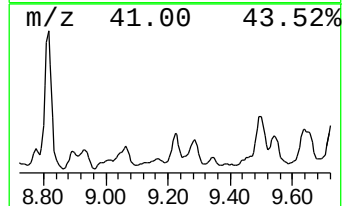
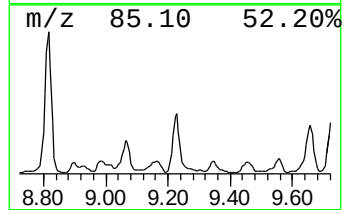
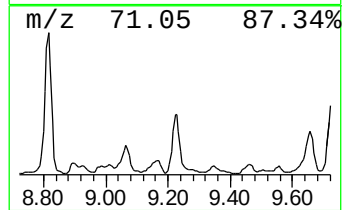
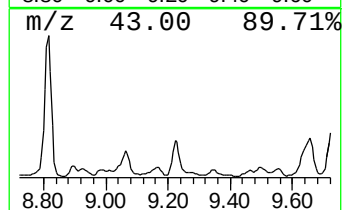
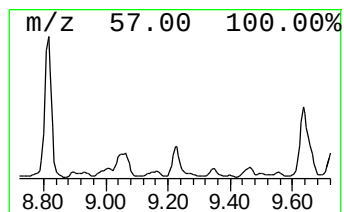
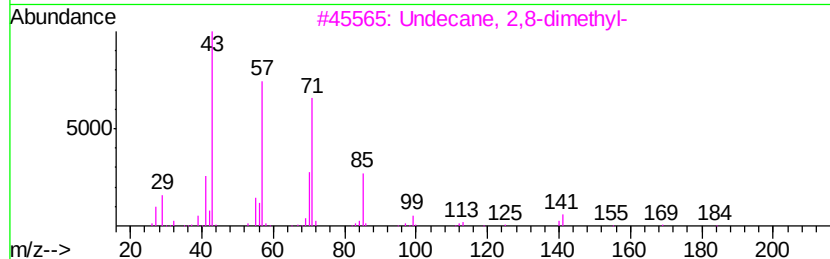
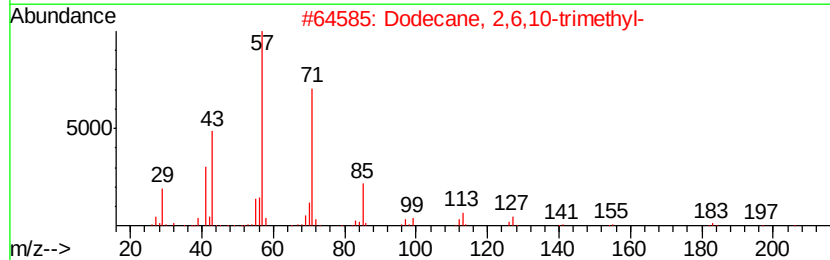
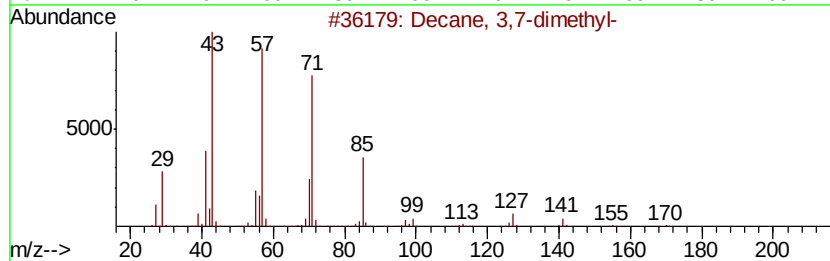
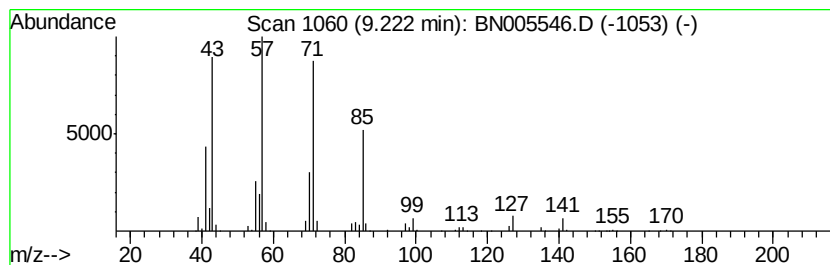
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	2.66 ng/ul	3404350	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	93
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3		Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	64
4		Undecane, 4-methyl-	170	C12H26	002980-69-0	64
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
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Sample : K2604-12 5X
Misc :
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Instrument :
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ClientSampleId :
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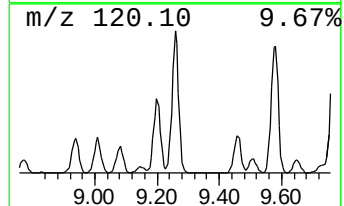
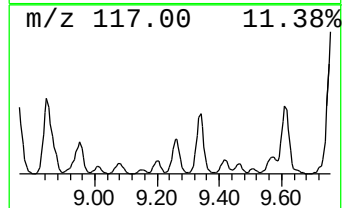
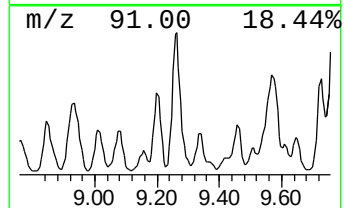
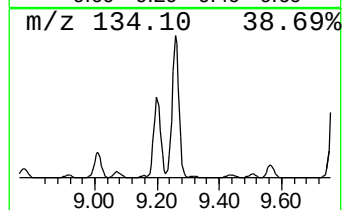
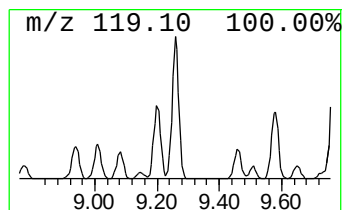
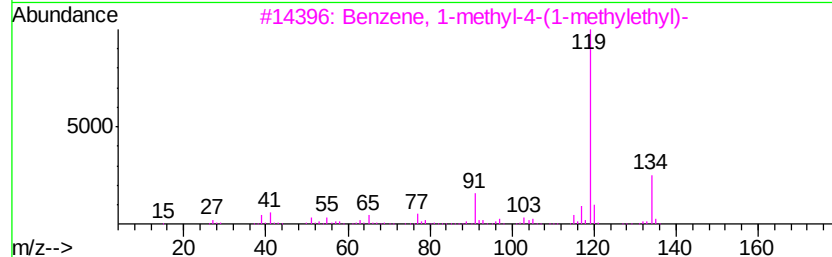
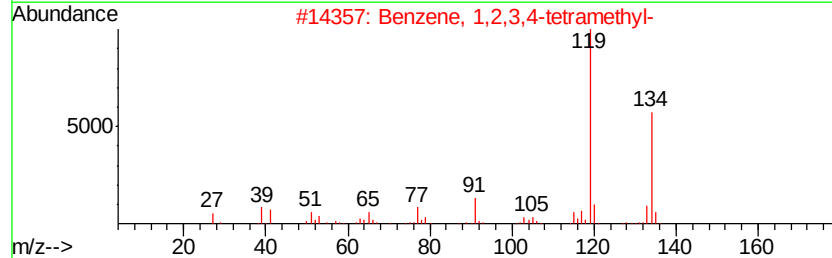
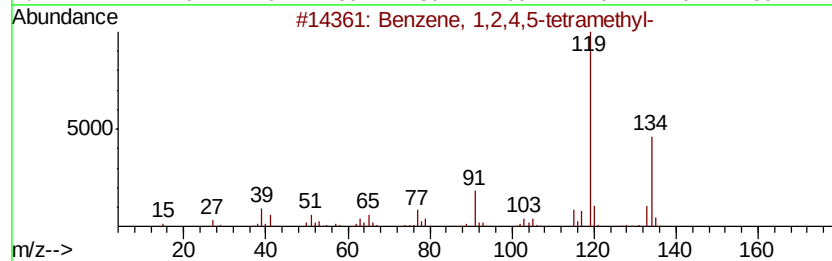
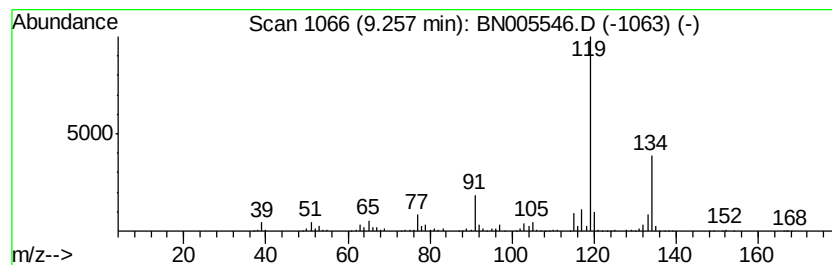
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	2.04 ng/ul	2606800	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3		Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	90
4		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	87
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
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Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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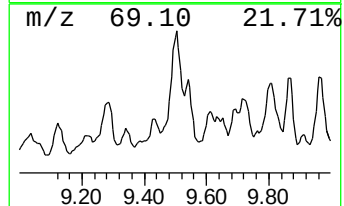
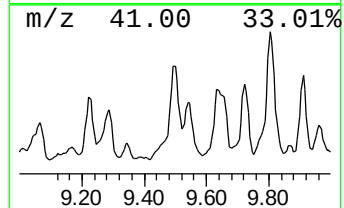
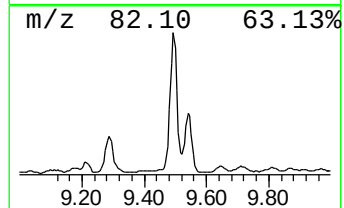
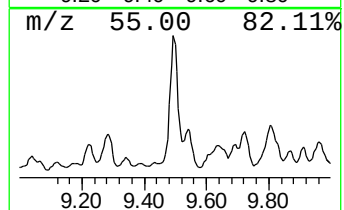
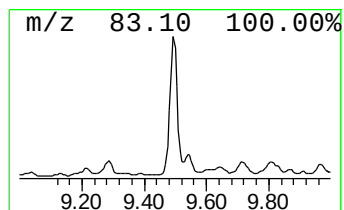
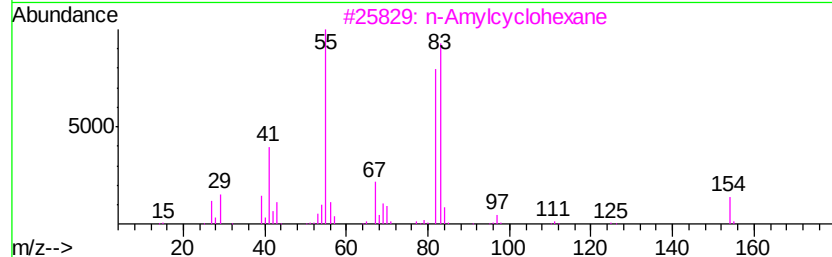
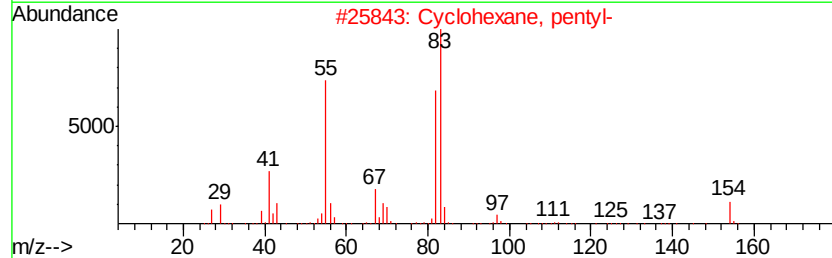
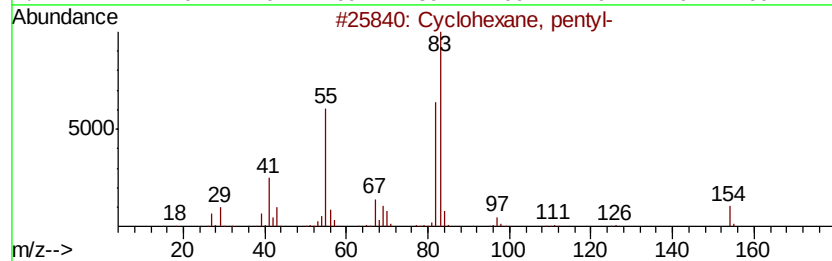
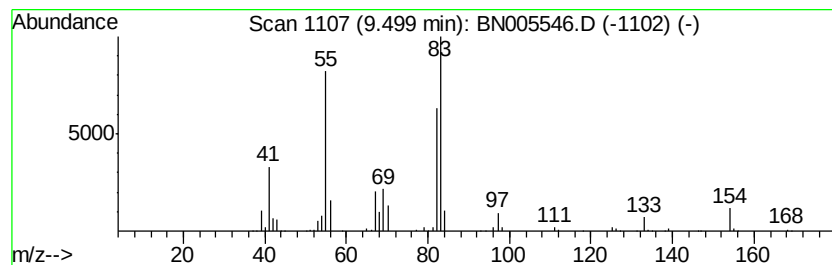
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Cyclic9.50 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	3.62 ng/ul	4627340	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	93
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
3			n-Amylcyclohexane	154	C11H22	029949-27-7	90
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
5			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
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Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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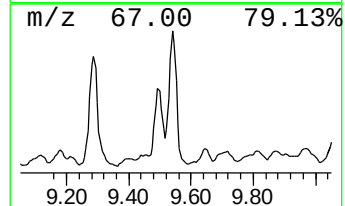
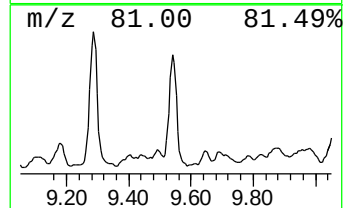
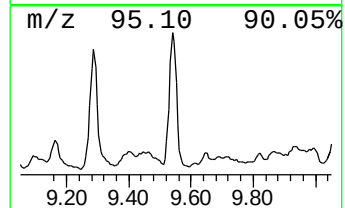
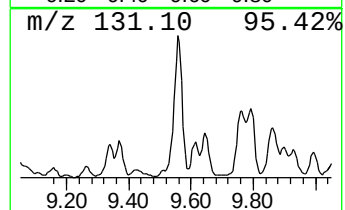
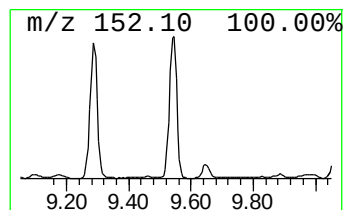
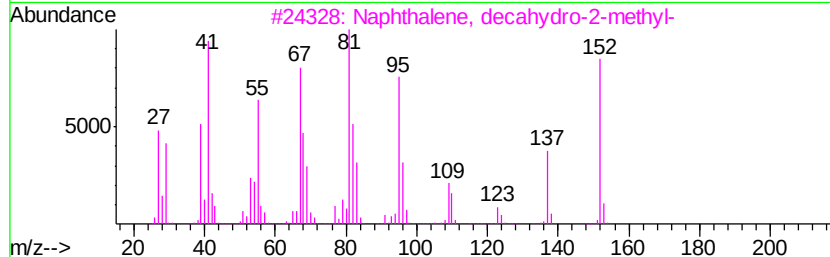
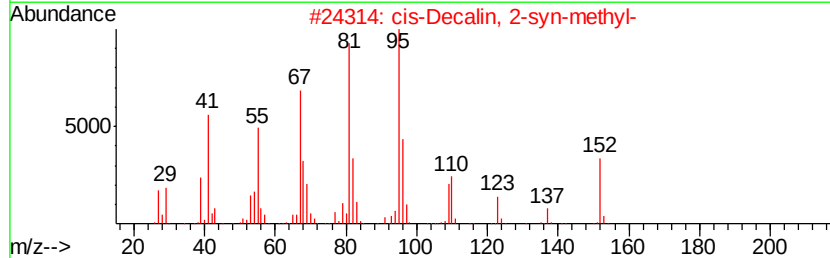
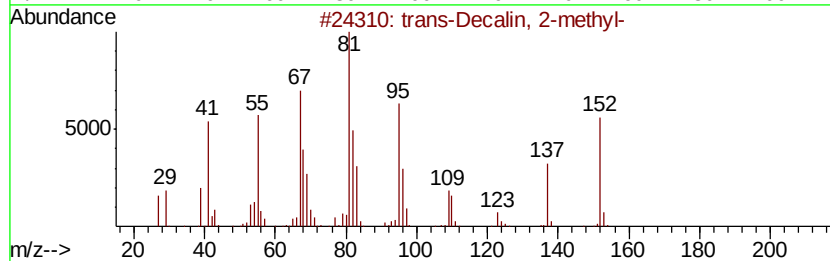
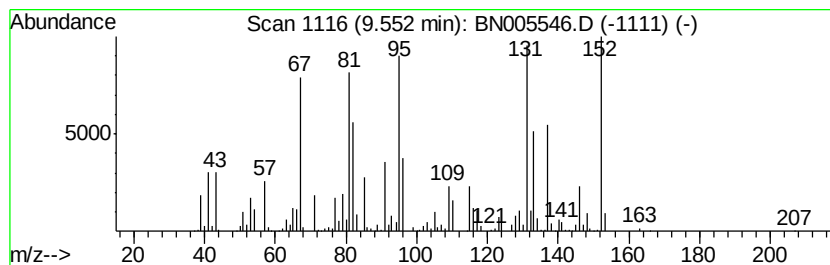
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 trans-Decalin, 2-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	4.94 ng/ul	6314210	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	72
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
4		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	60
5		Pulegone	152	C10H16O	000089-82-7	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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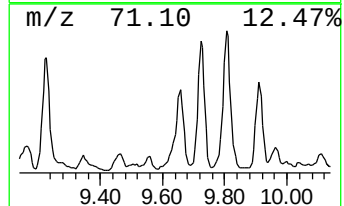
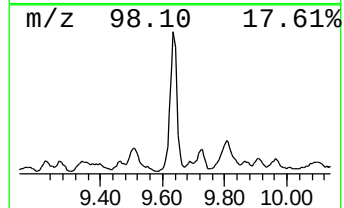
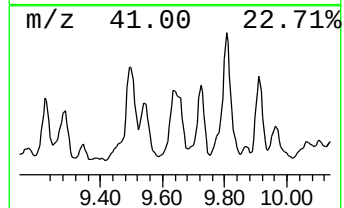
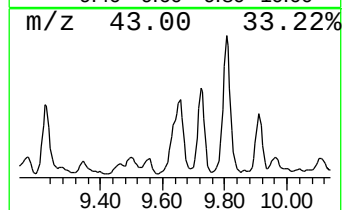
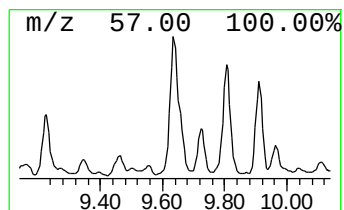
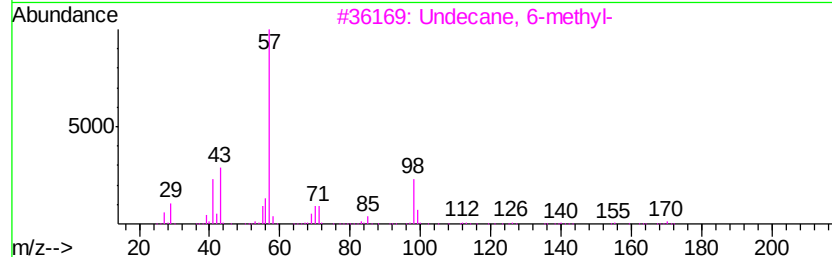
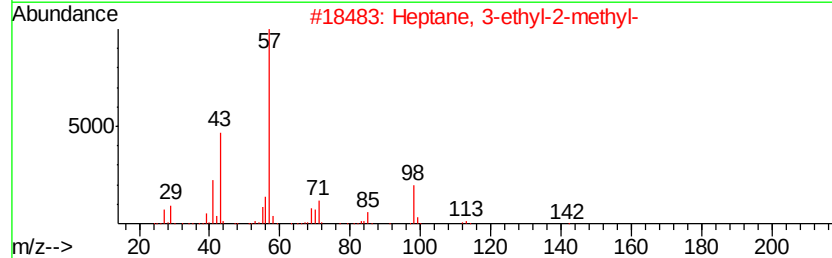
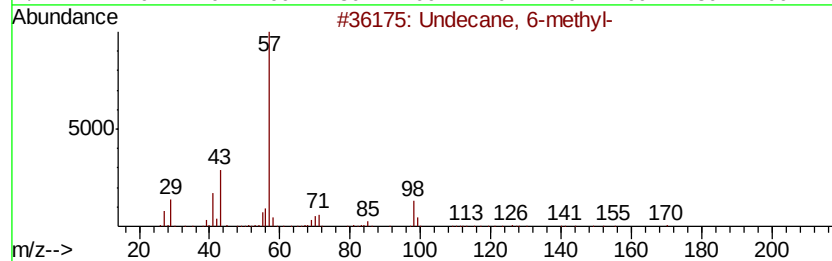
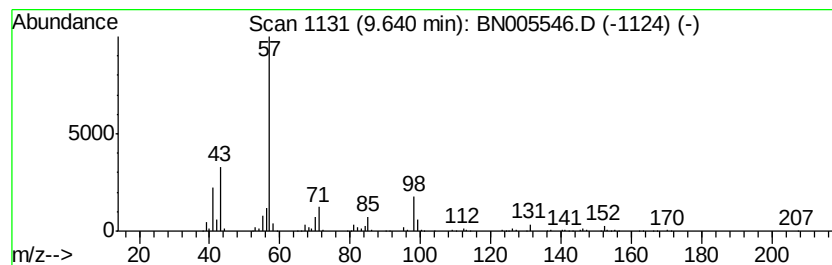
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	4.62 ng/ul	5907550	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-methyl-	170	C12H26	017302-33-9	74
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	64
4		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53
5		Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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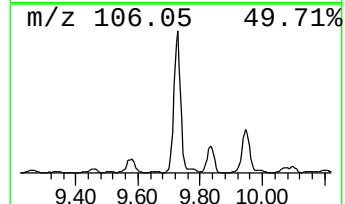
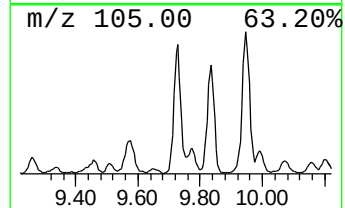
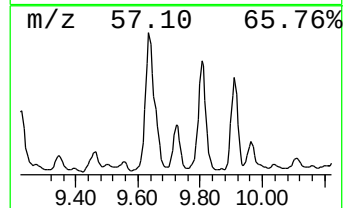
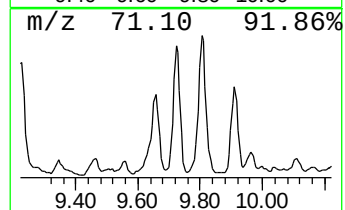
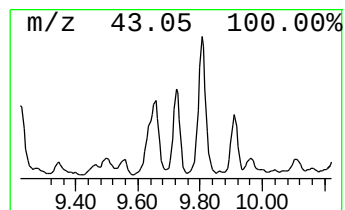
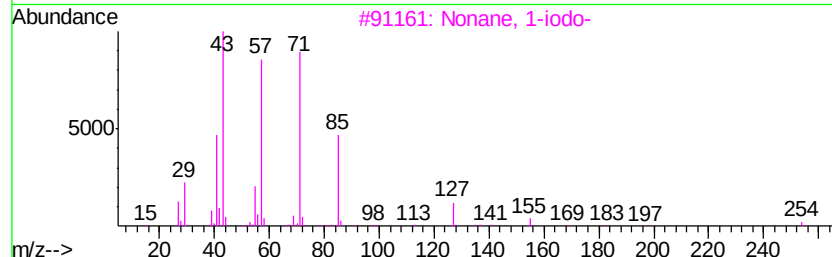
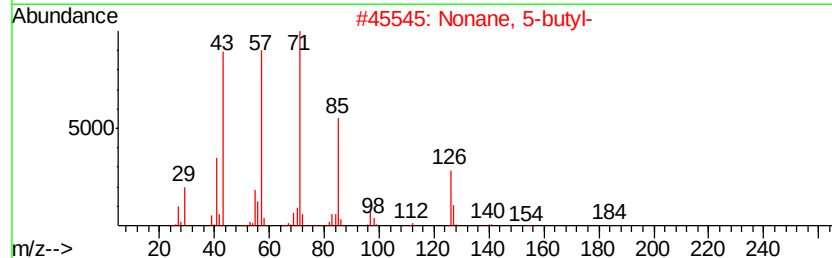
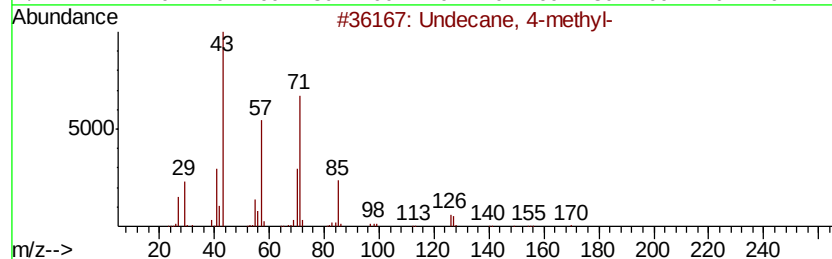
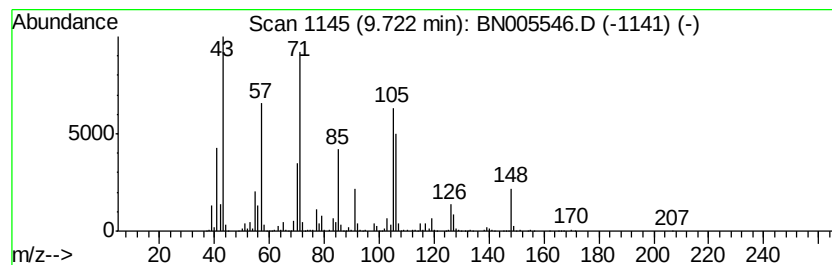
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	3.82 ng/ul	4884640	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4-methyl-	170	C12H26	002980-69-0	64
2			Nonane, 5-butyl-	184	C13H28	017312-63-9	47
3			Nonane, 1-iodo-	254	C9H19I	004282-42-2	46
4			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	46
5			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
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Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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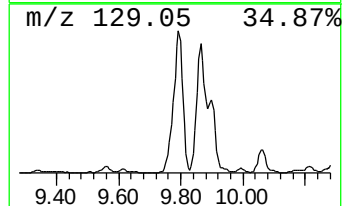
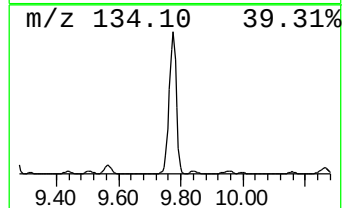
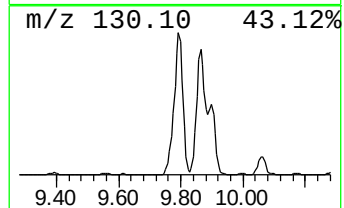
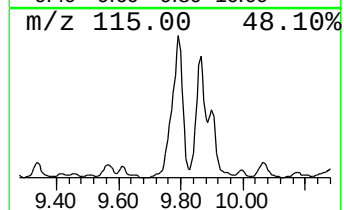
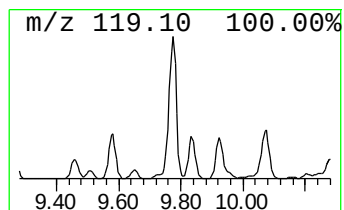
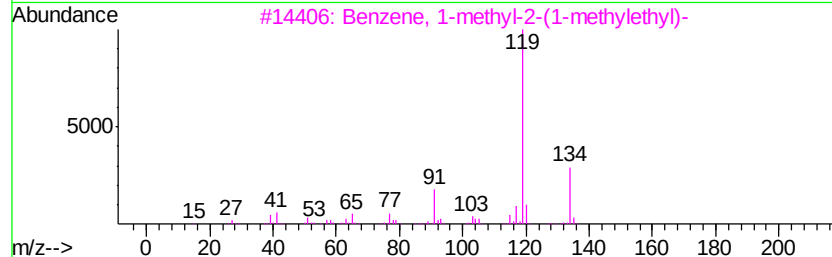
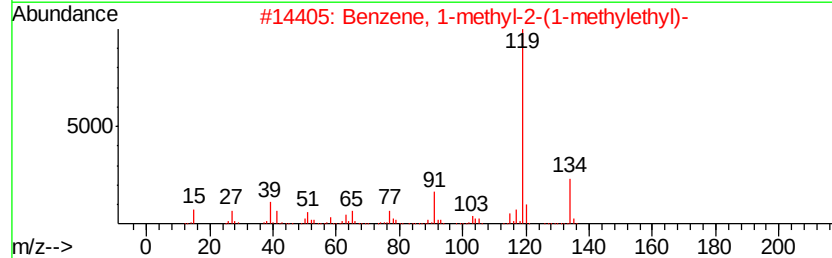
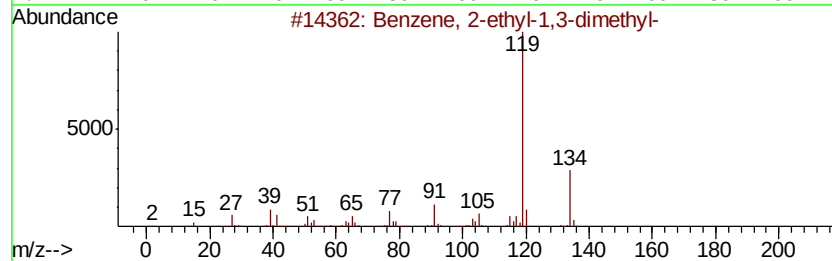
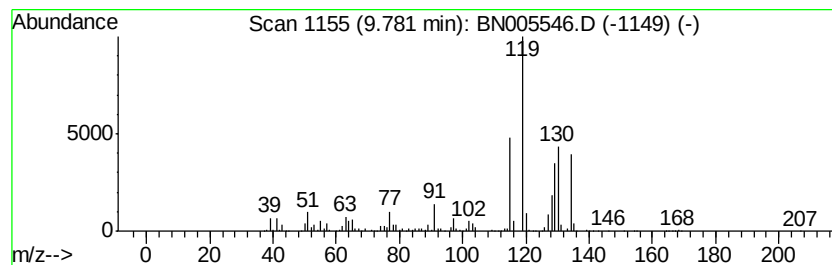
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	4.60 ng/ul	5878420	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
2		Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	64
3		Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	64
4		Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	64
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86

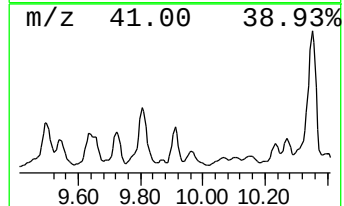
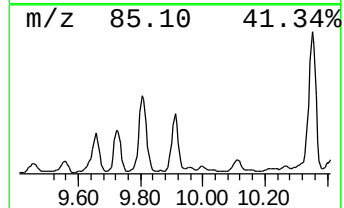
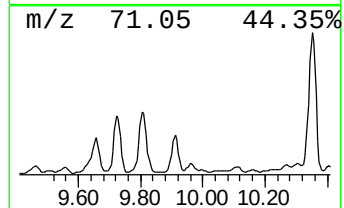
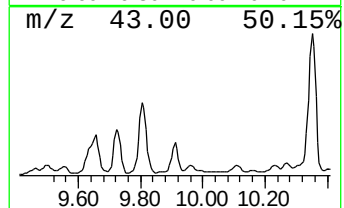
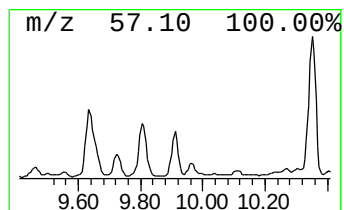
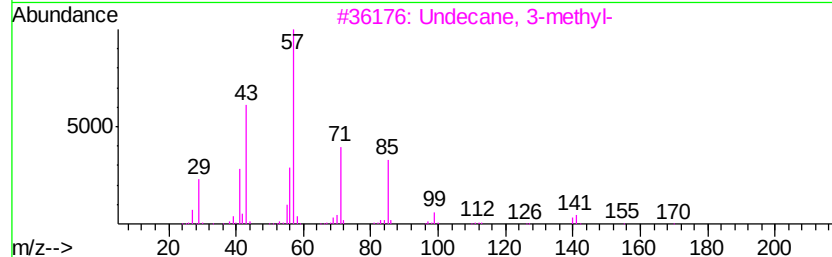
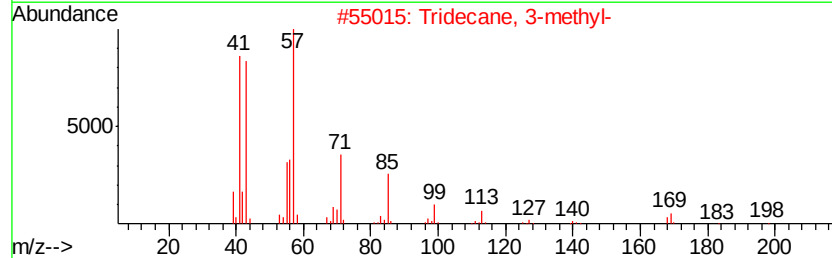
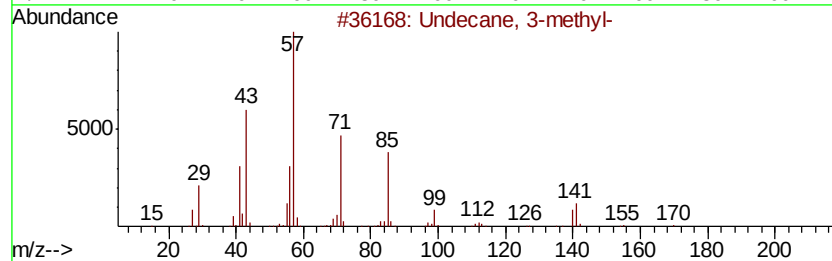
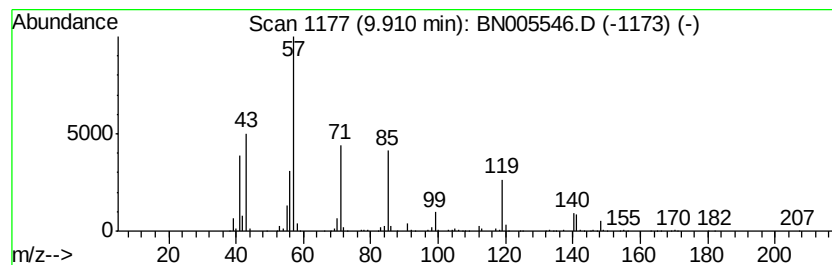
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	2.89 ng/ul	3699720	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	70
2			Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	50
4			5-Ethyldecane	170	C12H26	017302-36-2	47
5			Tridecane, 3-methyl-	198	C14H30	006418-41-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86

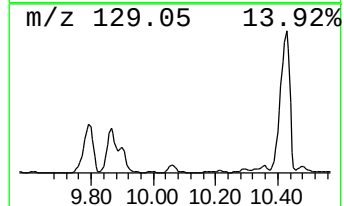
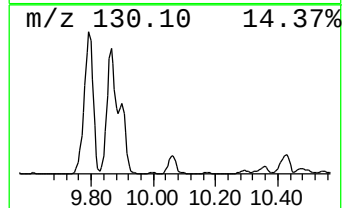
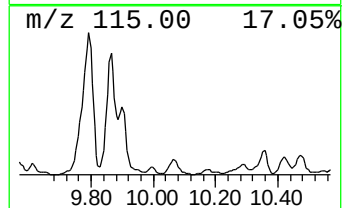
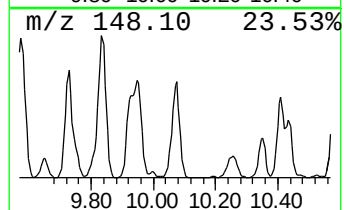
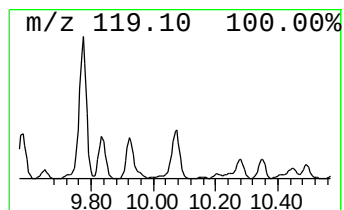
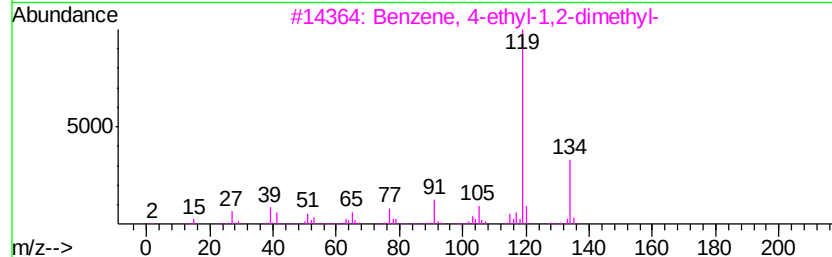
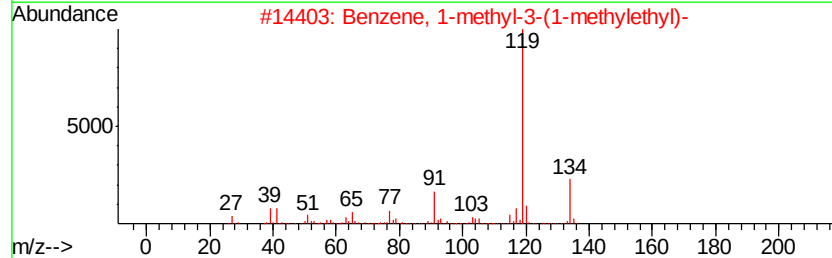
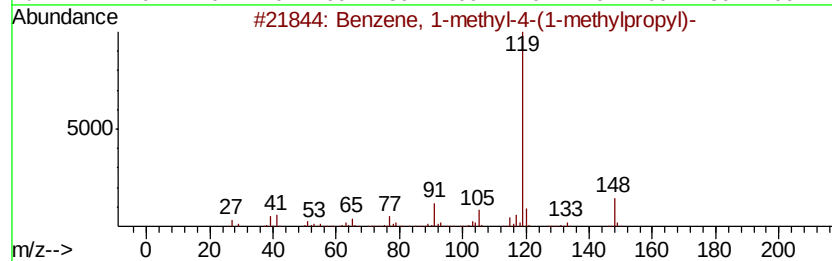
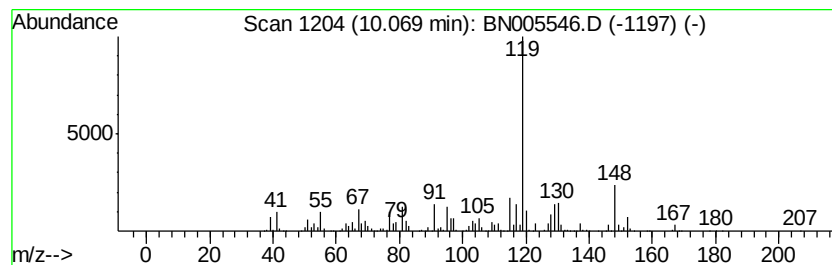
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Benzene, 1-methyl-4-(1-meth... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	3.10 ng/ul	3969890	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	62
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	47
4		Benzonitrile, 4-hydroxy-	119	C7H5NO	000767-00-0	46
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

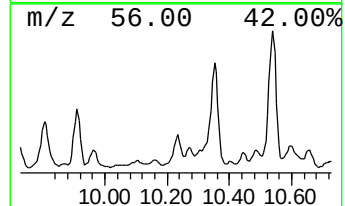
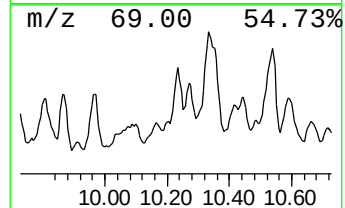
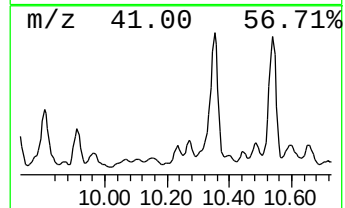
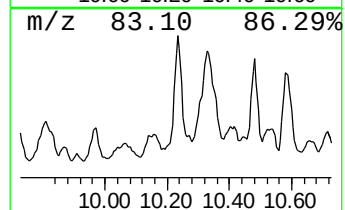
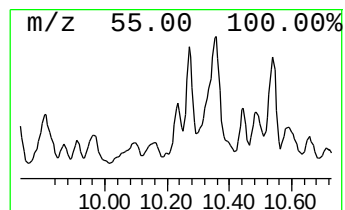
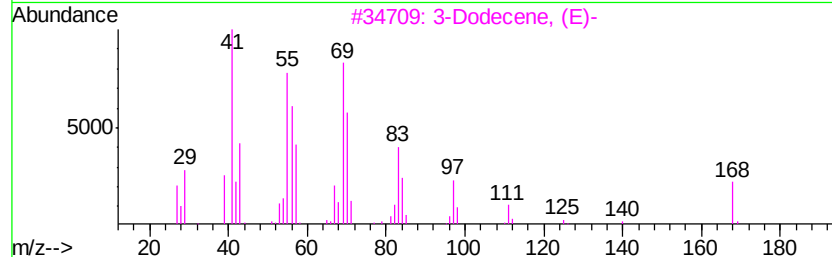
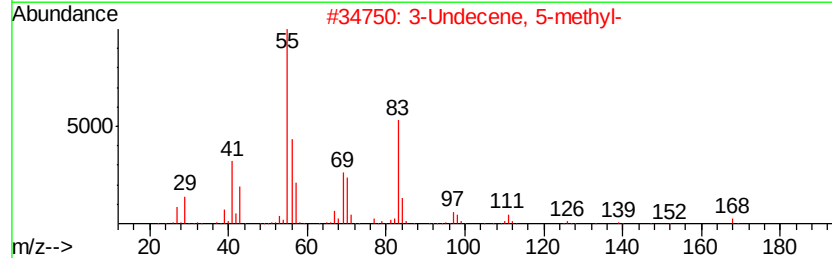
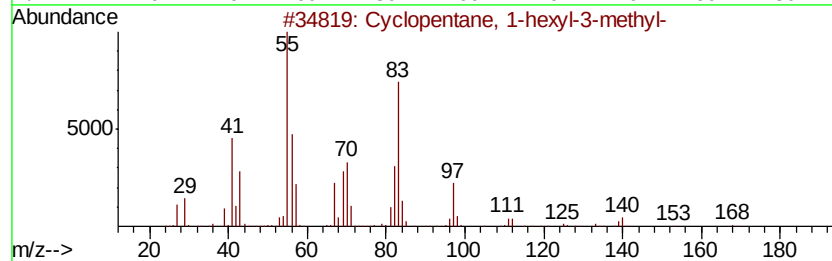
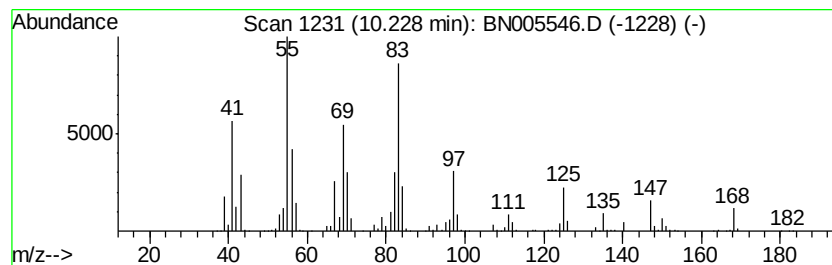
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Cyclic10.23 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	2.22 ng/ul	2844380	Napthalene-d8	10.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1-hexyl-3-methyl-	168 C12H24	061142-68-5 64
2		3-Undecene, 5-methyl-	168 C12H24	1000061-84-1 58
3		3-Dodecene, (E)-	168 C12H24	007206-14-6 46
4		Cyclopentane, 1-methyl-2-(4-meth...	168 C12H24	066553-50-2 46
5		1-Methyl-2-(4-methylpentyl)cyclo...	168 C12H24	1000113-60-1 46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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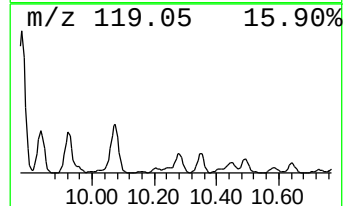
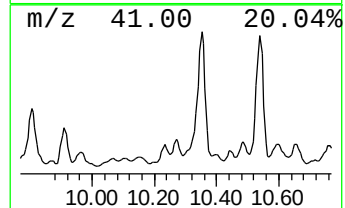
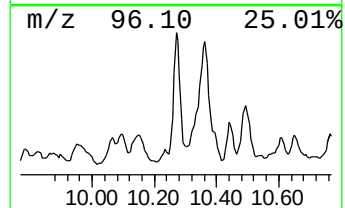
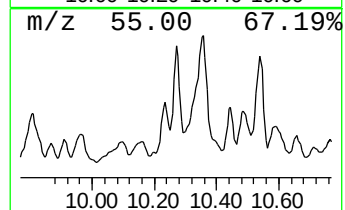
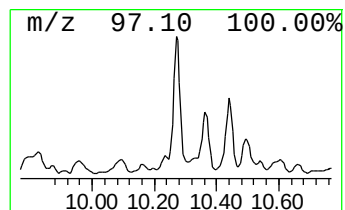
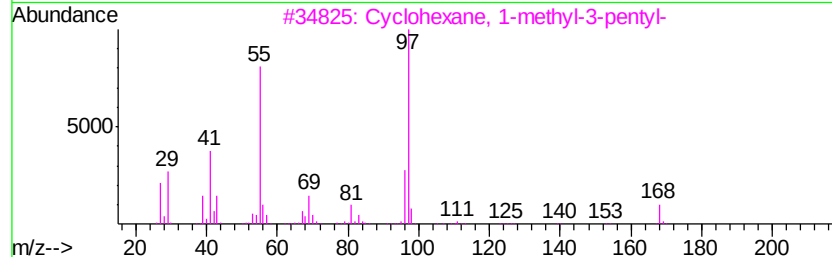
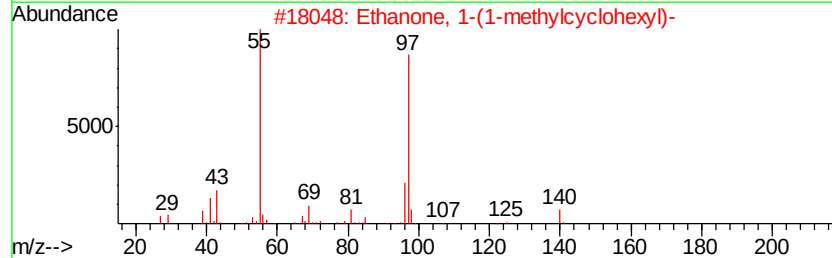
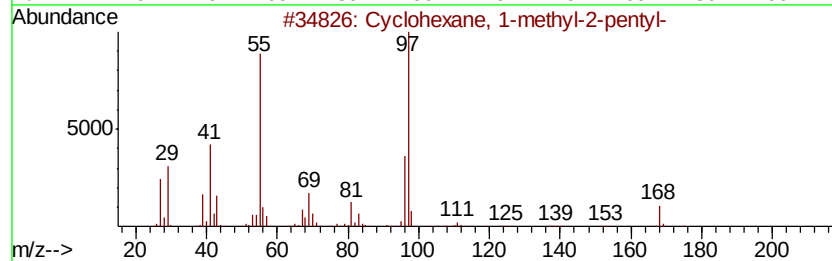
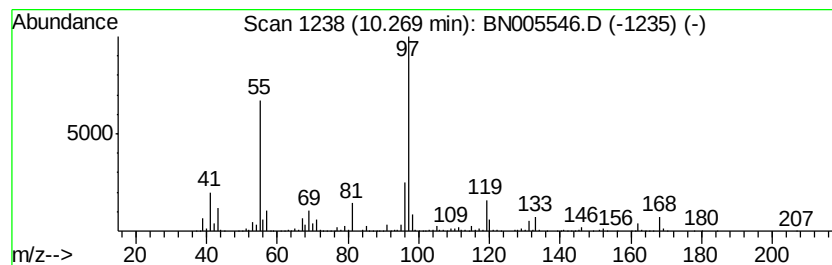
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Cyclic10.27 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	4.80 ng/ul	6141730	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	74
2		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
3		Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	59
4		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	59
5		Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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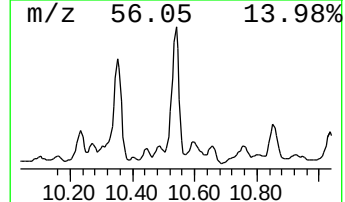
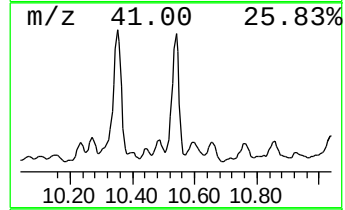
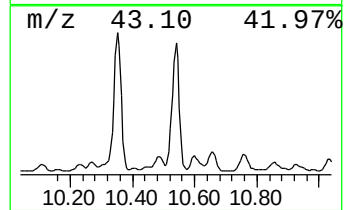
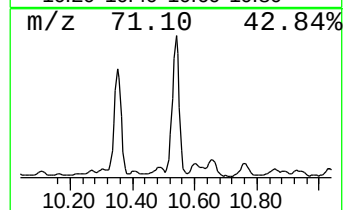
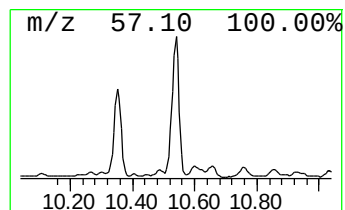
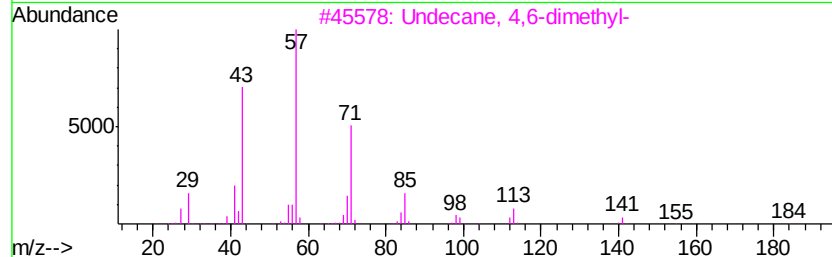
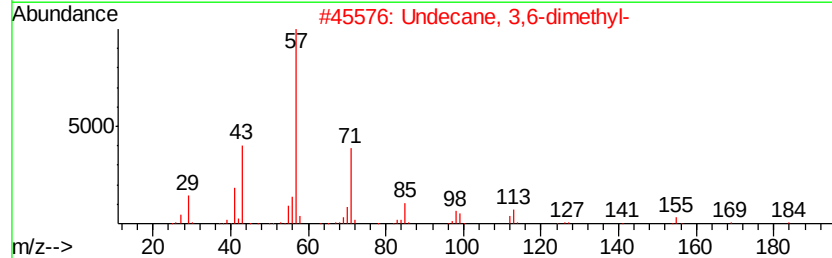
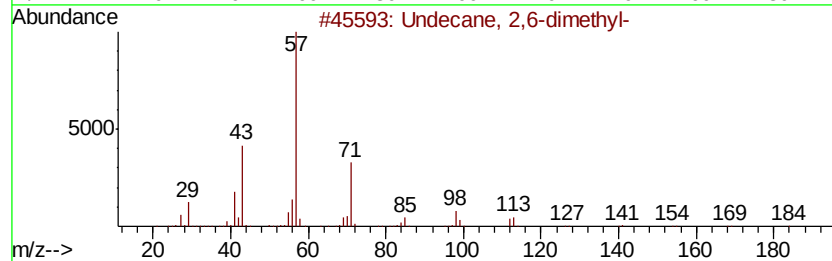
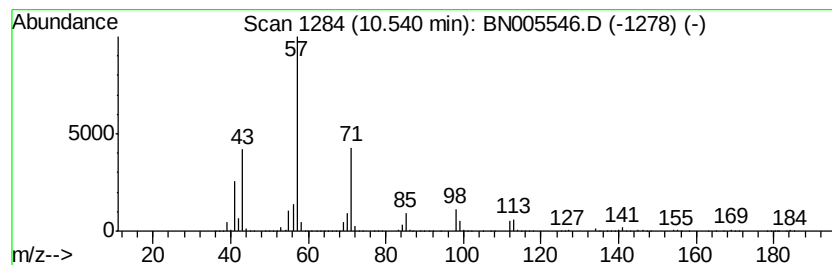
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	13.70 ng/ul	17512200	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	94
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	90
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampled :
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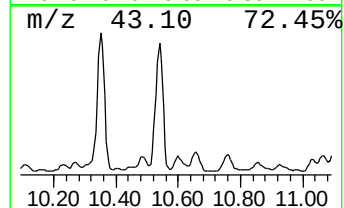
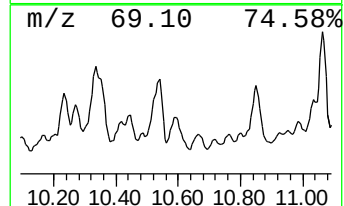
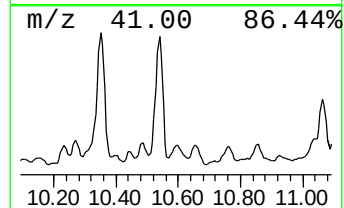
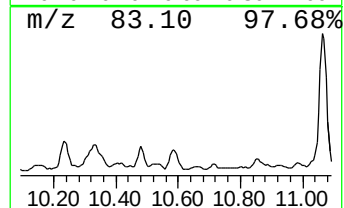
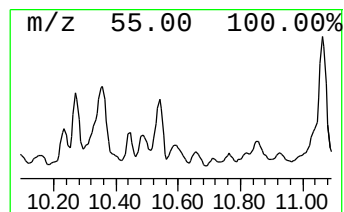
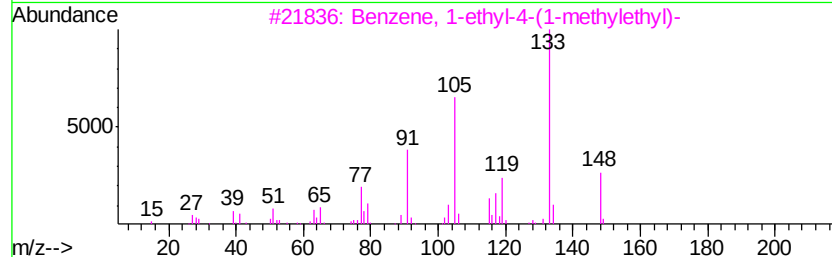
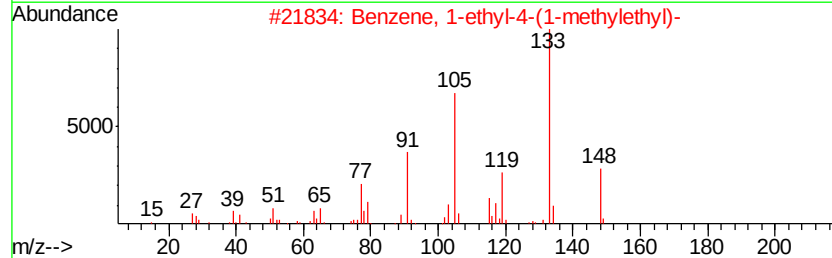
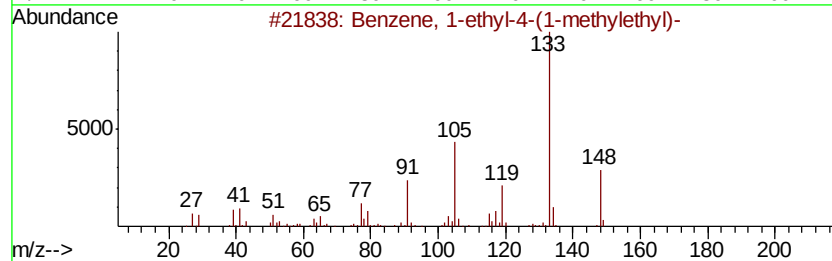
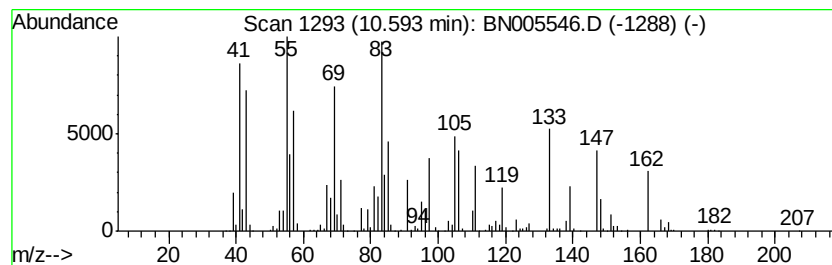
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	3.34 ng/ul	4275160	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	78
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	47
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	47
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
5		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86

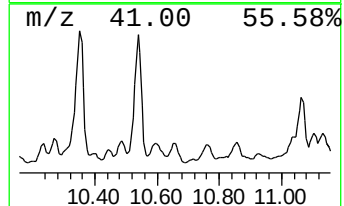
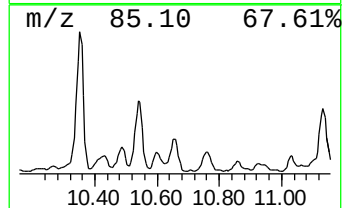
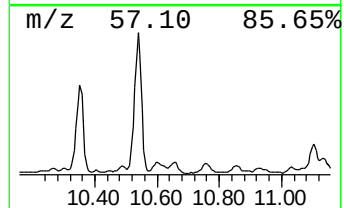
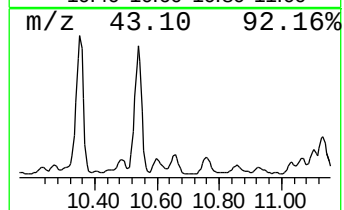
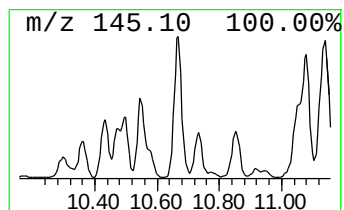
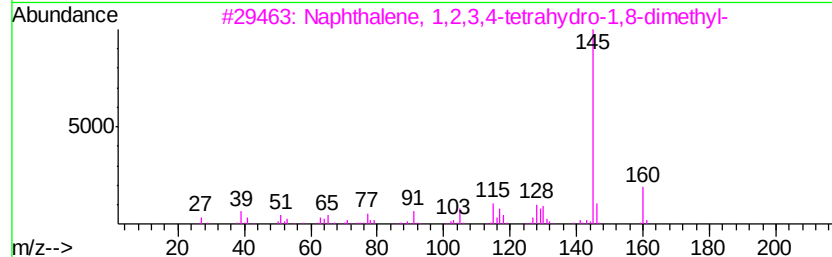
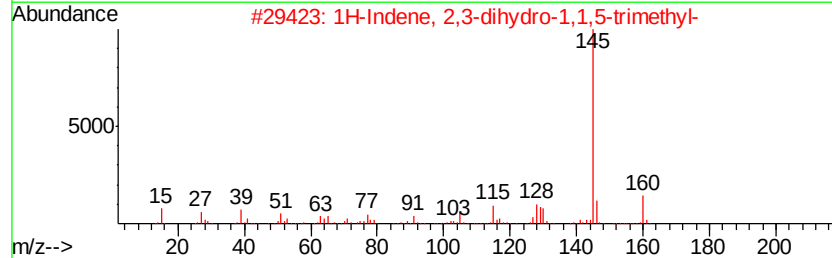
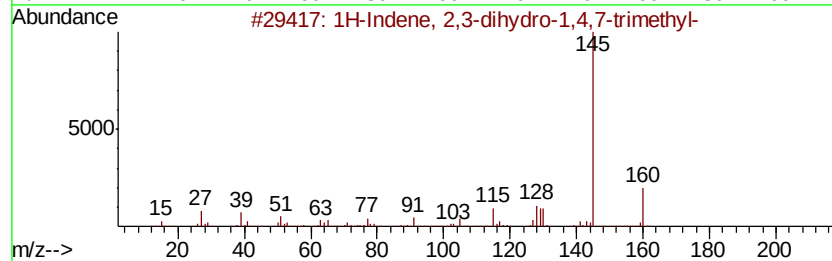
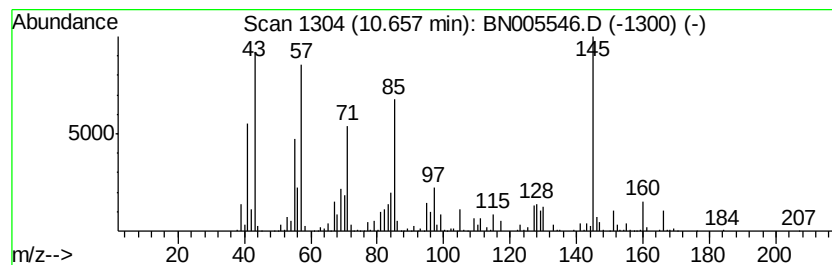
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 unknown-03 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.42 ng/ul	3092920	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	42
2		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	42
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	38
4		1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	38
5		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86

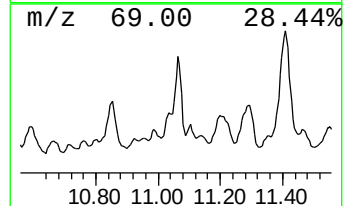
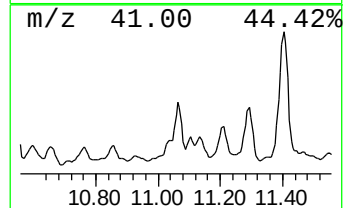
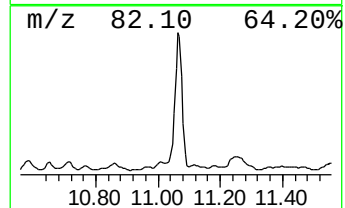
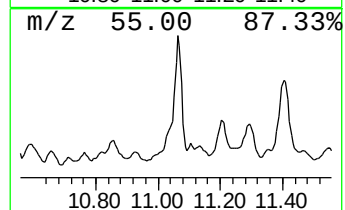
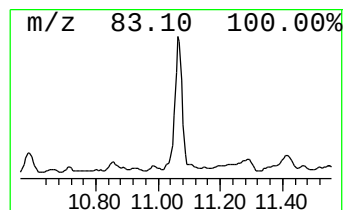
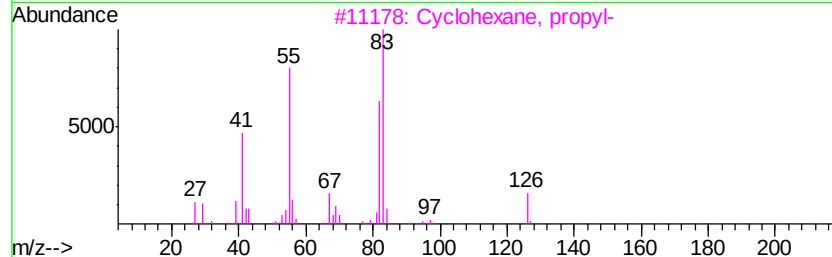
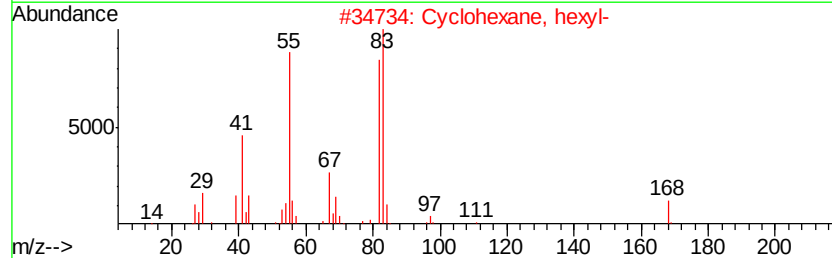
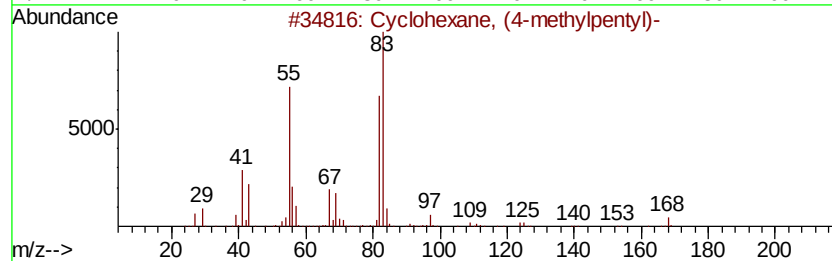
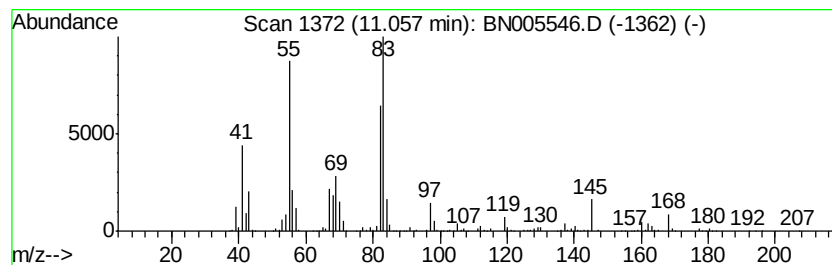
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Cyclic10.06 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	8.83 ng/ul	11286700	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	90
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	87
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

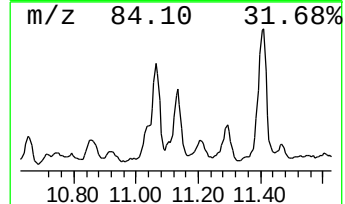
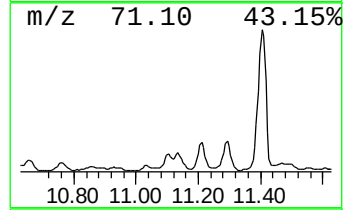
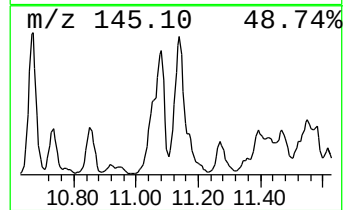
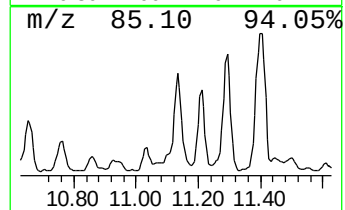
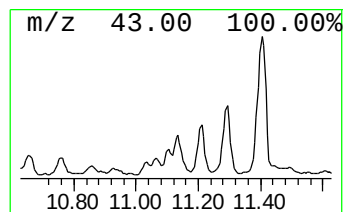
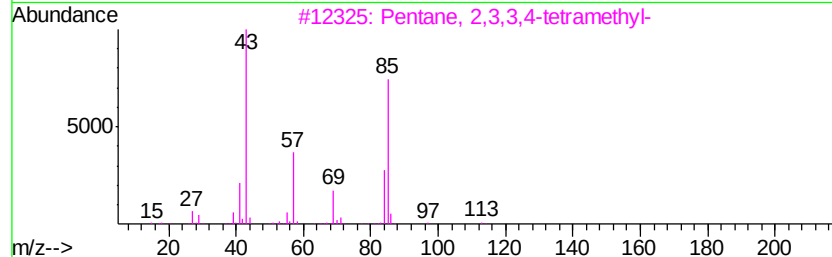
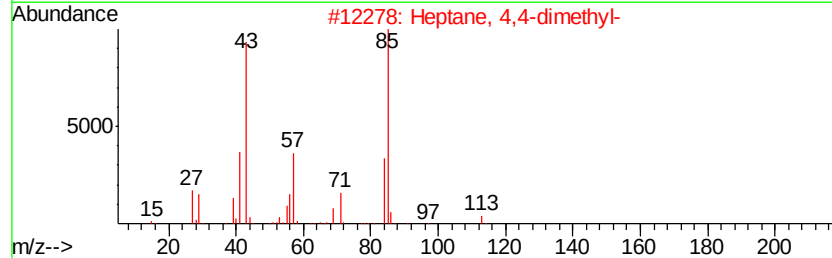
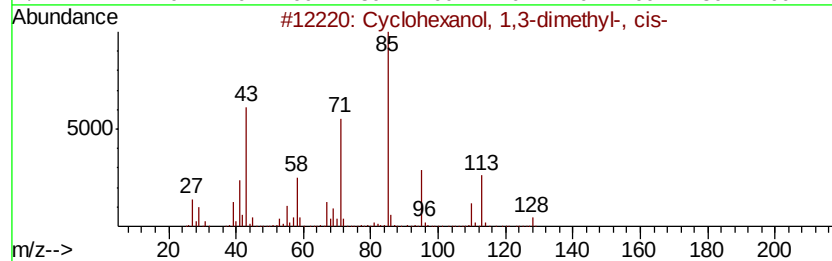
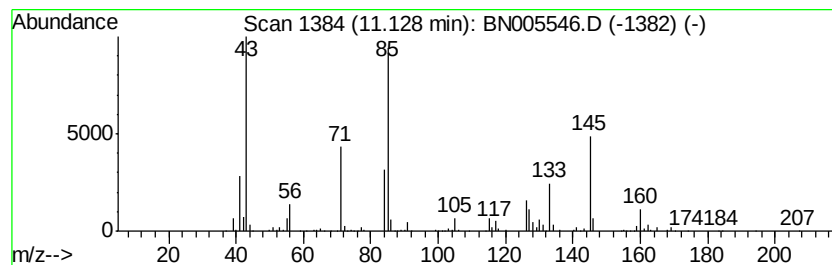
Instrument :
BNA_N
ClientSampleId :
GAJ86

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 32 unknown-04 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.41 ng/ul	3077190	Napthalene-d8	10.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexanol, 1,3-dimethyl-, cis-	128 C8H16O	015466-94-1 38
2		Heptane, 4,4-dimethyl-	128 C9H20	001068-19-5 35
3		Pentane, 2,3,3,4-tetramethyl-	128 C9H20	016747-38-9 35
4		Lactic acid, 2-methyl-, monoanhy...	170 C8H15B03	024372-02-9 27
5		Octane, 4-methyl-	128 C9H20	002216-34-4 27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86

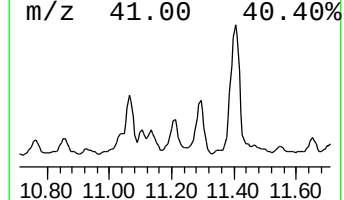
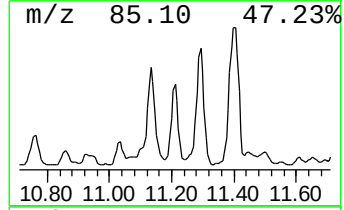
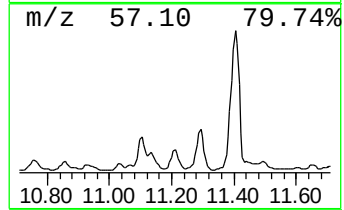
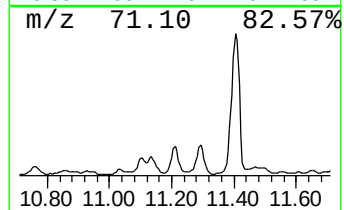
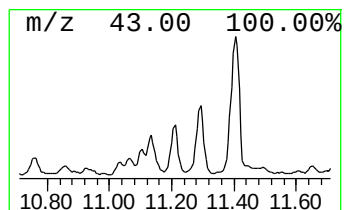
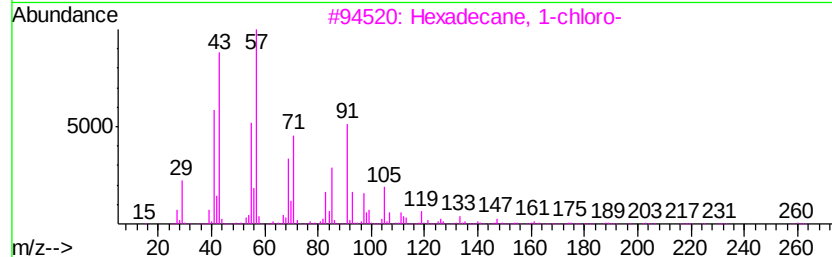
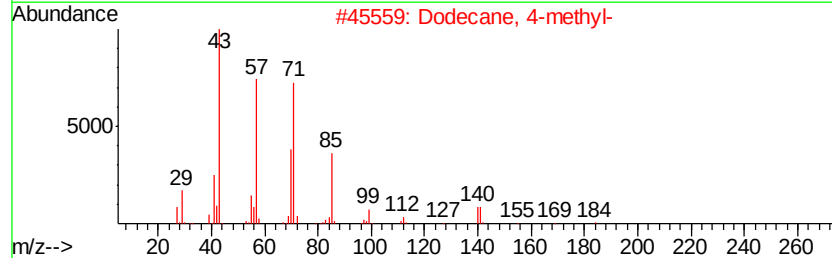
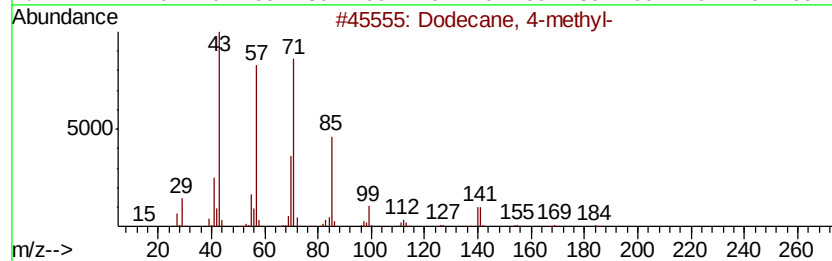
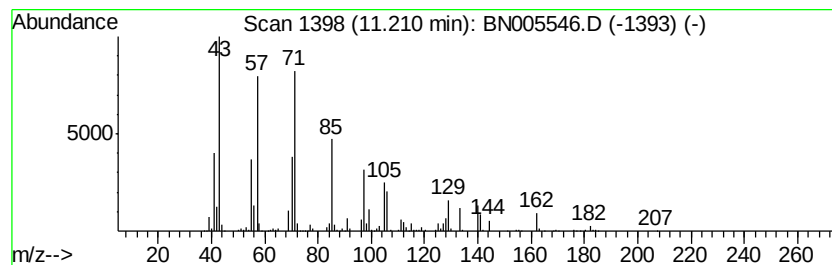
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	4.44 ng/ul	5681480	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	96
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	92
3			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	53
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	46
5			Decane, 5-propyl-	184	C13H28	017312-62-8	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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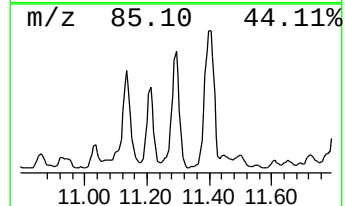
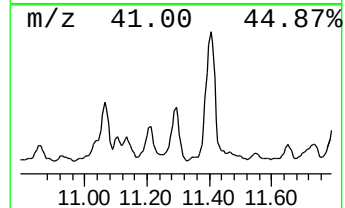
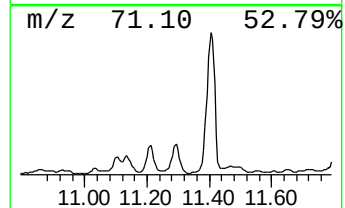
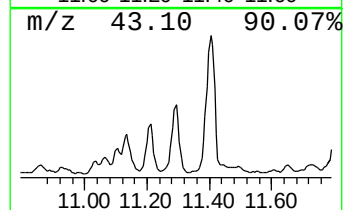
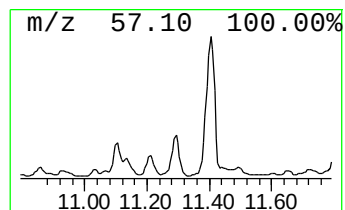
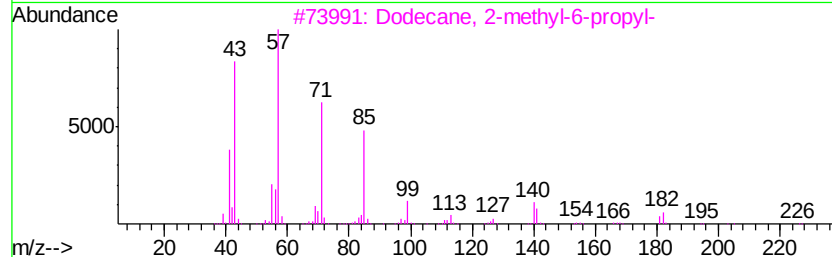
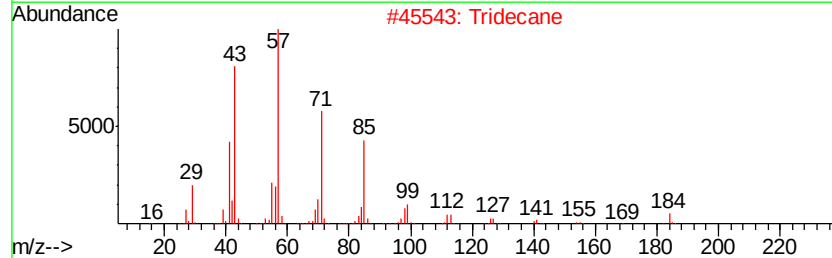
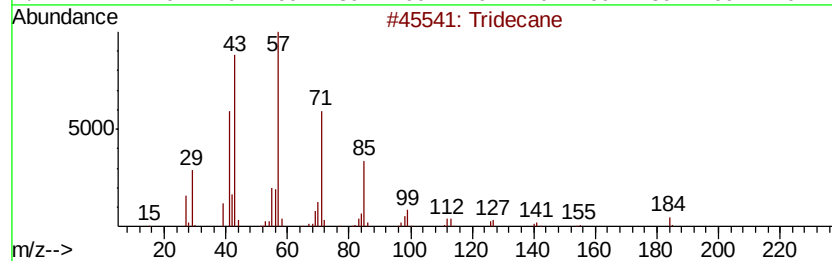
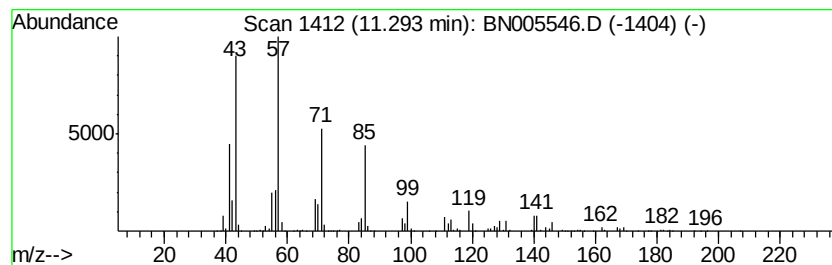
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	7.63 ng/ul	9761410	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	80
2		Tridecane	184	C13H28	000629-50-5	72
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
4		Tetradecane	198	C14H30	000629-59-4	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampled :
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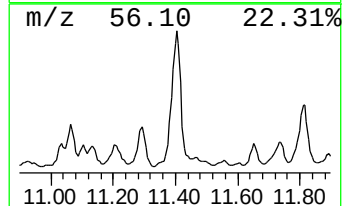
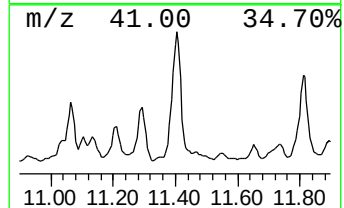
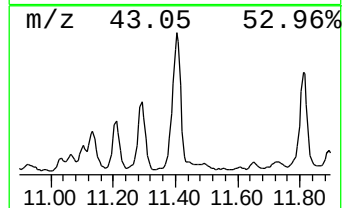
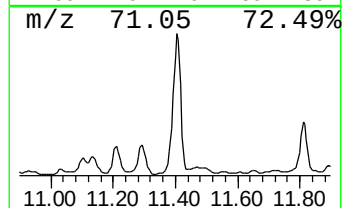
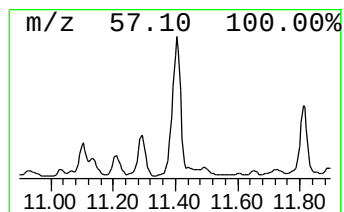
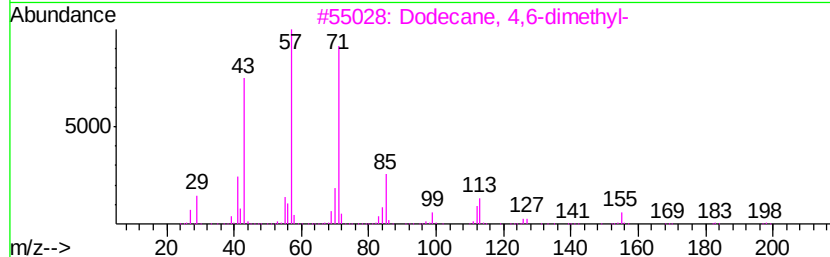
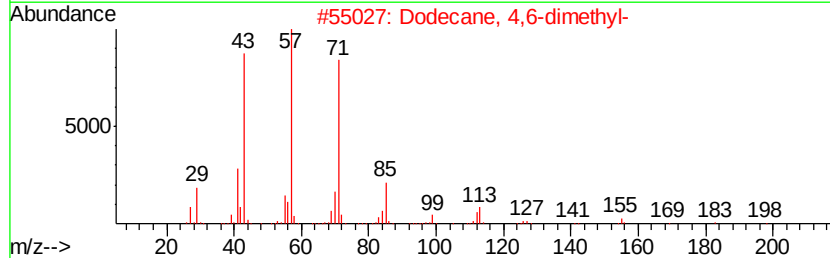
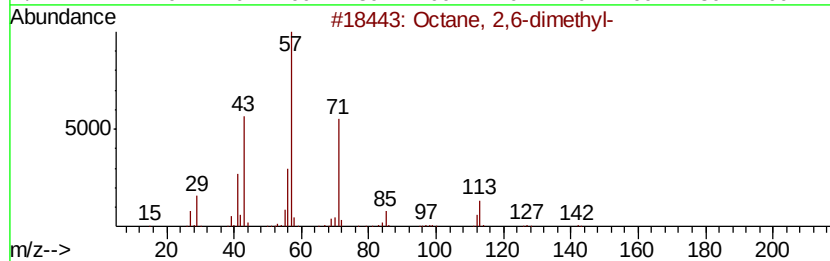
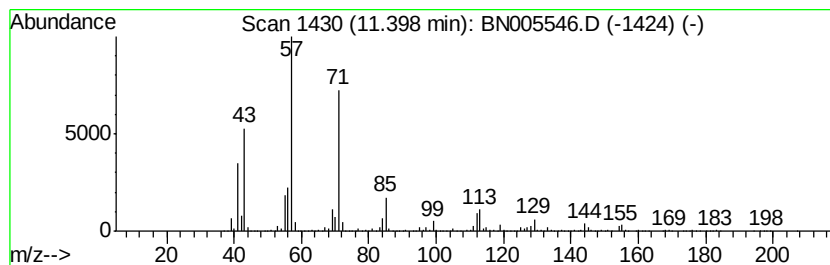
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	20.02 ng/ul	25595200	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
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Sample : K2604-12 5X
Misc :
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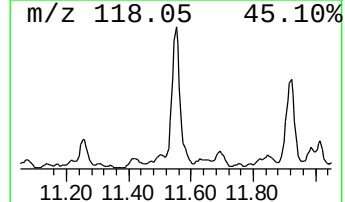
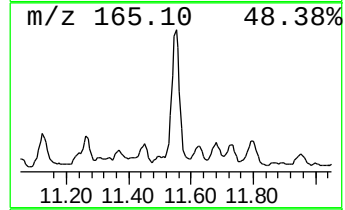
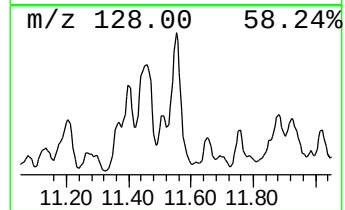
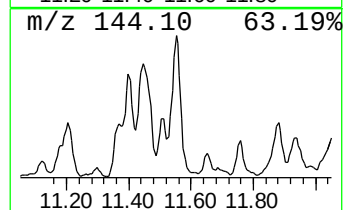
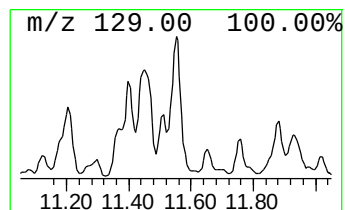
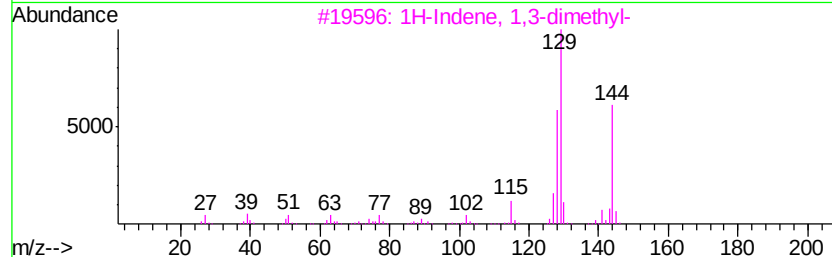
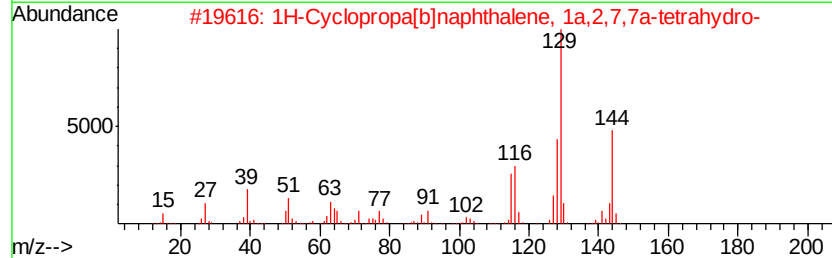
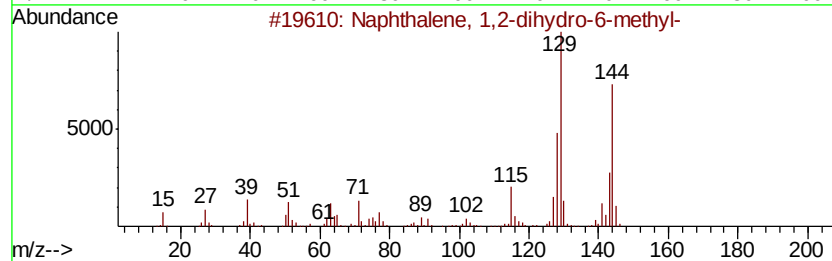
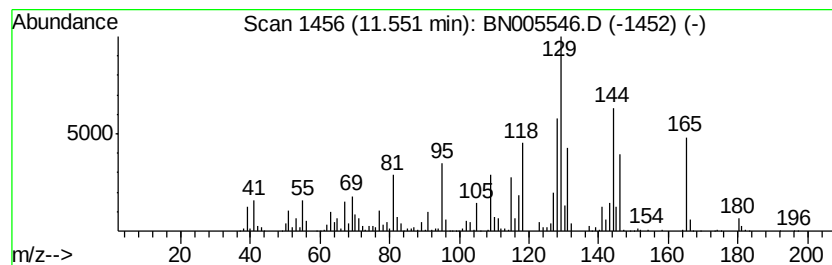
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 Naphthalene, 1,2-dihydro-6-... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	4.38 ng/ul	5596860	Naphthalene-d8	10.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2-dihydro-6-methyl-	144 C11H12	002717-47-7 53
2		1H-Cyclopropa[b]naphthalene, 1a,...	144 C11H12	006571-72-8 46
3		1H-Indene, 1,3-dimethyl-	144 C11H12	002177-48-2 46
4		1H-Indene, 4,7-dimethyl-	144 C11H12	006974-97-6 46
5		1H-Indene, 1,1-dimethyl-	144 C11H12	018636-55-0 46



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Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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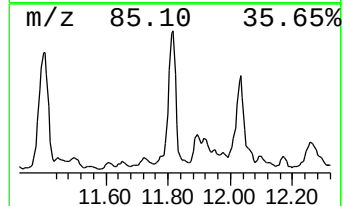
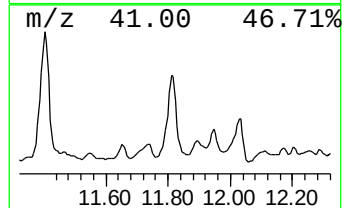
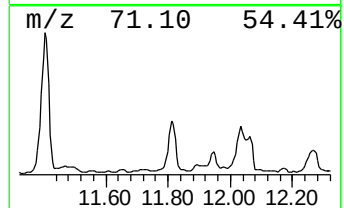
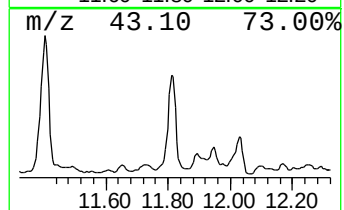
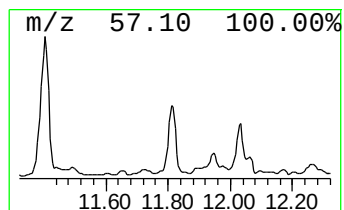
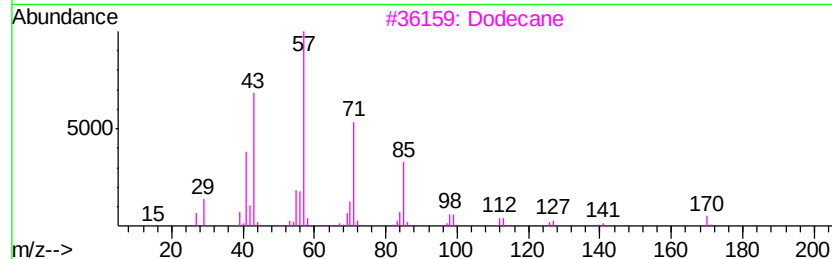
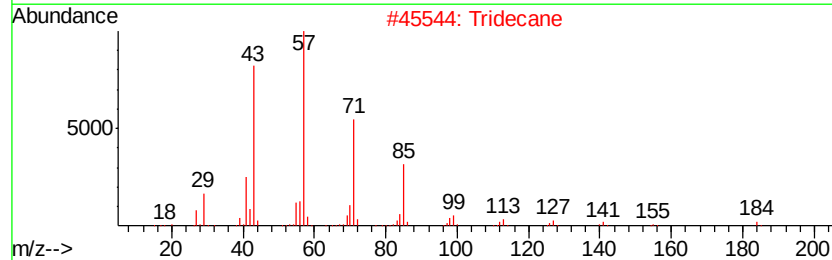
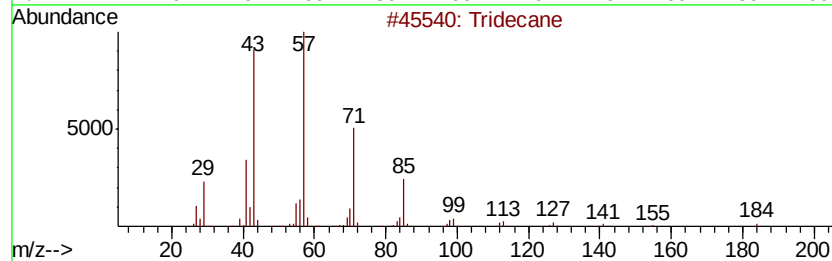
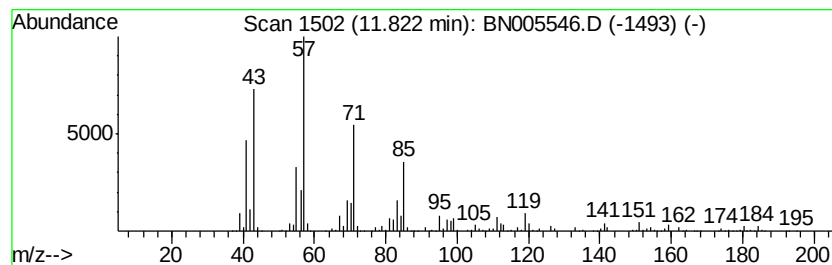
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	11.68 ng/ul	14931200	Napthalene-d8	10.36

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		Dodecane	170	C12H26	000112-40-3	86
4		Hexadecane	226	C16H34	000544-76-3	80
5		Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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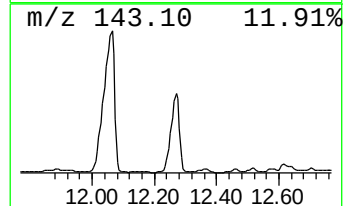
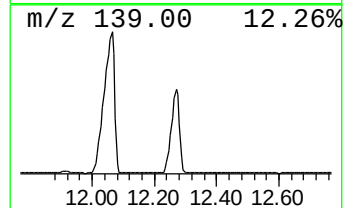
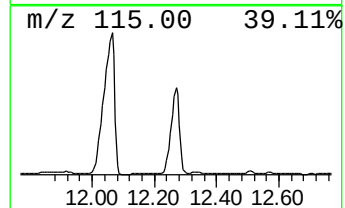
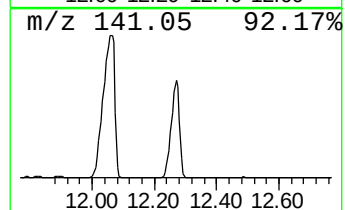
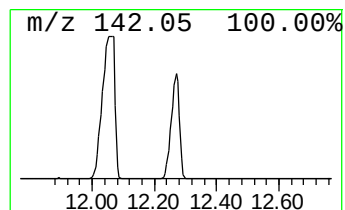
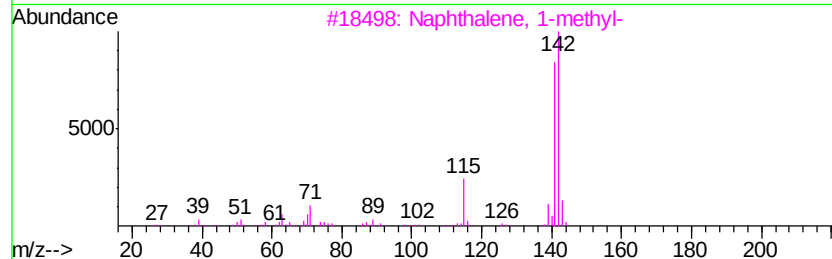
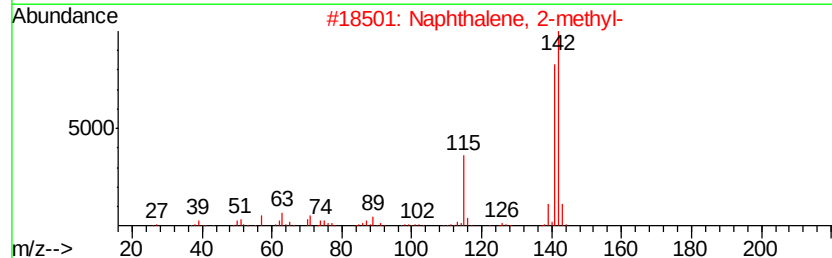
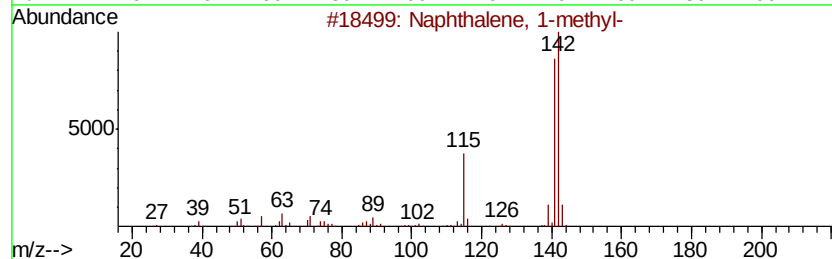
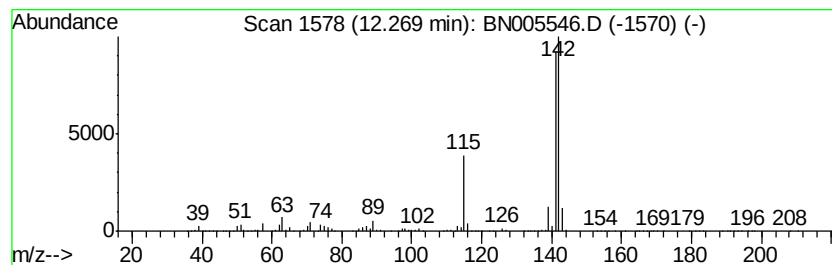
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	33.05 ng/ul	42250300	Naphthalene-d8	10.36

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		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
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Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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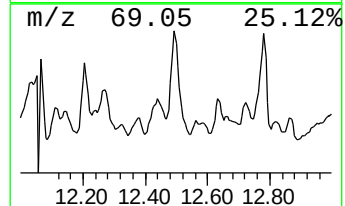
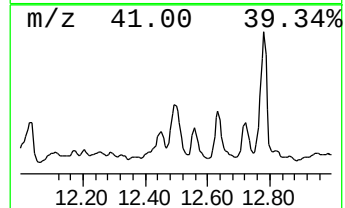
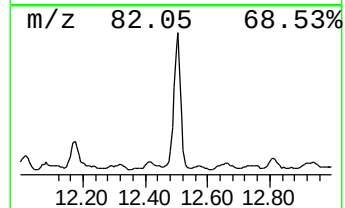
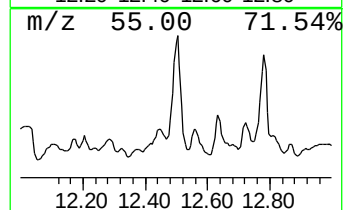
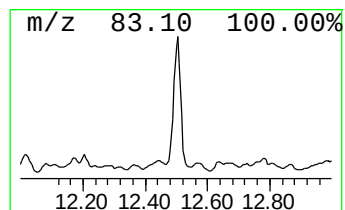
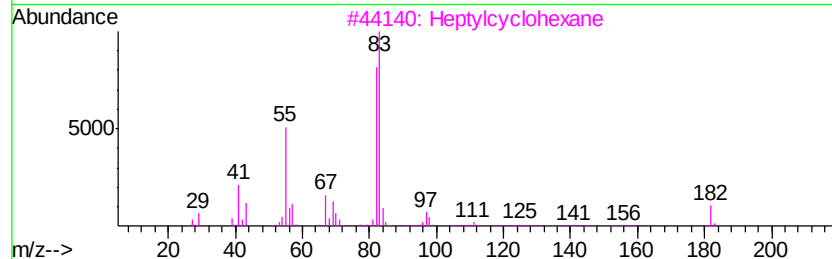
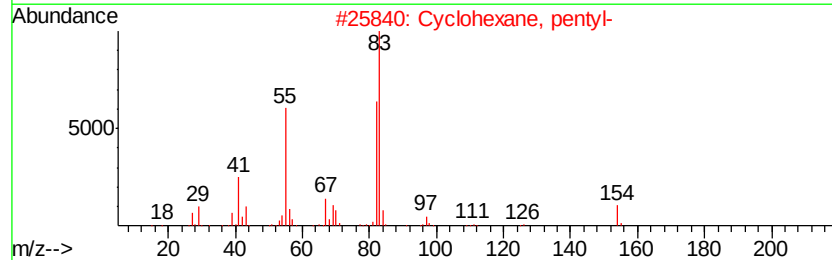
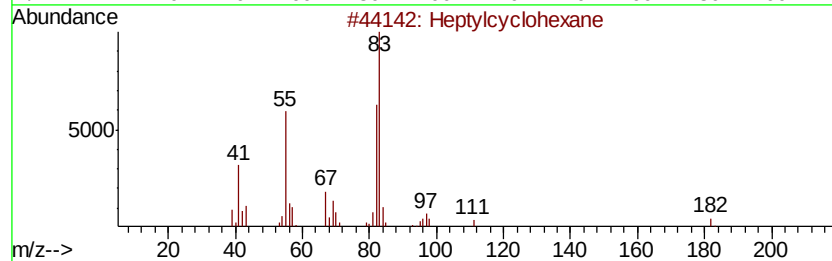
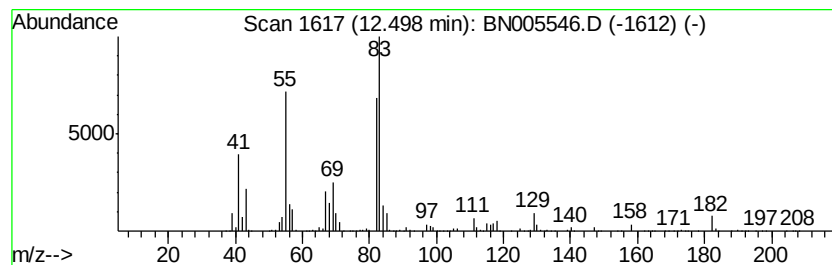
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	13.14 ng/ul	10244600	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	74
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
3		Heptylcyclohexane	182	C13H26	005617-41-4	64
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5		Cyclohexane, decyl-	224	C16H32	001795-16-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
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Misc :
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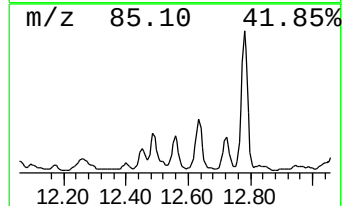
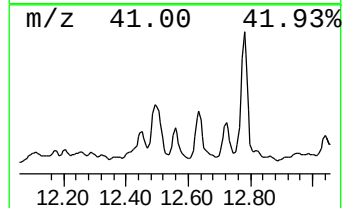
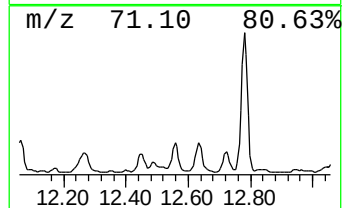
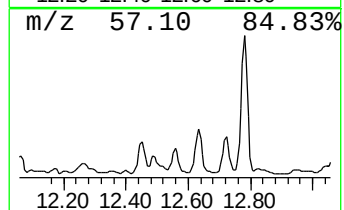
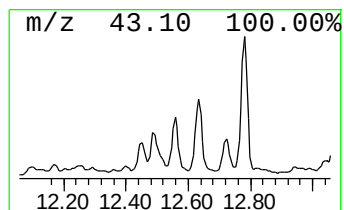
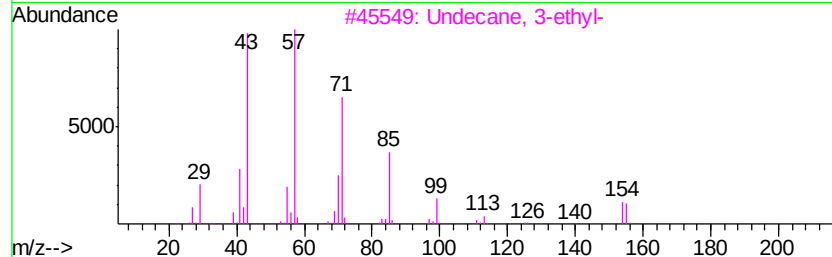
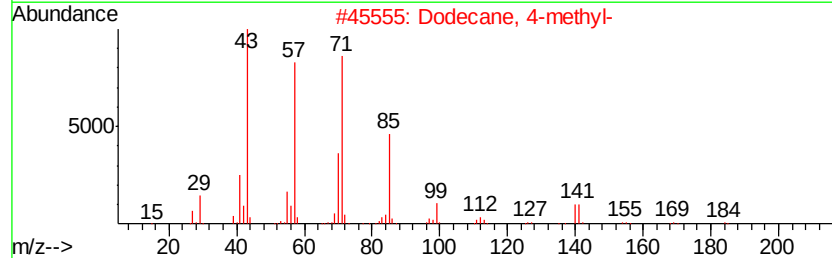
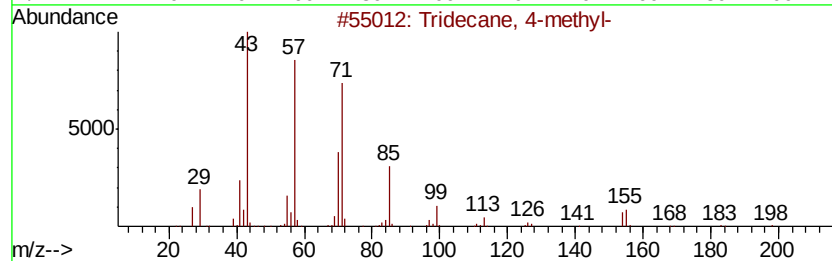
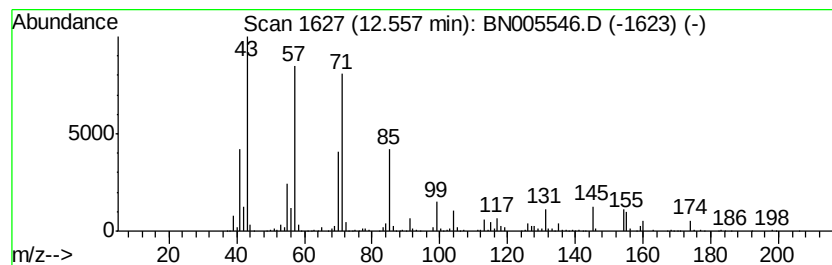
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	7.68 ng/ul	5985260	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	95
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
3			Undecane, 3-ethyl-	184	C13H28	017312-58-2	72
4			Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
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Sample : K2604-12 5X
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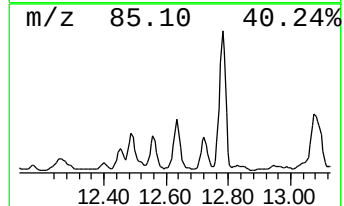
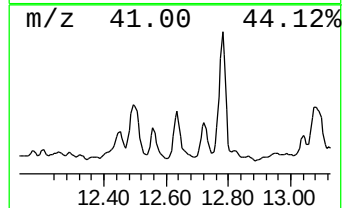
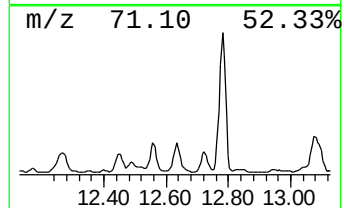
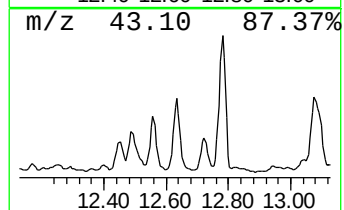
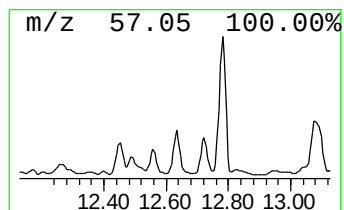
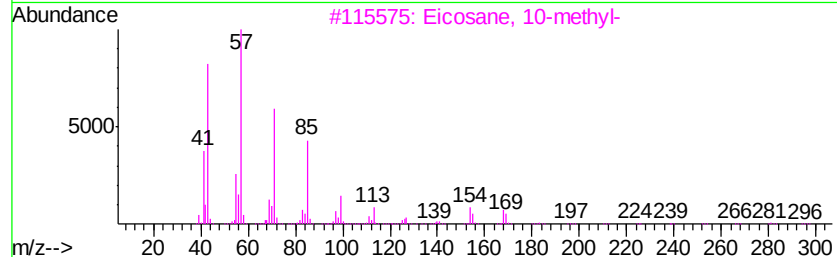
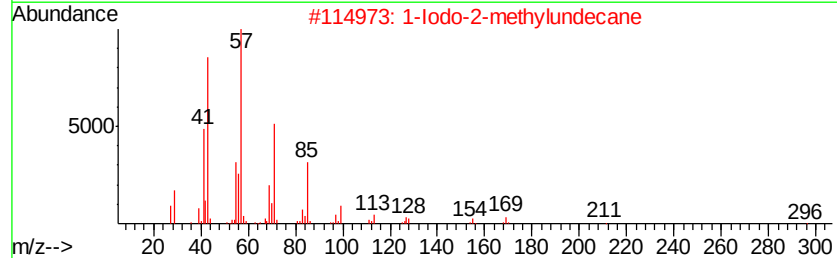
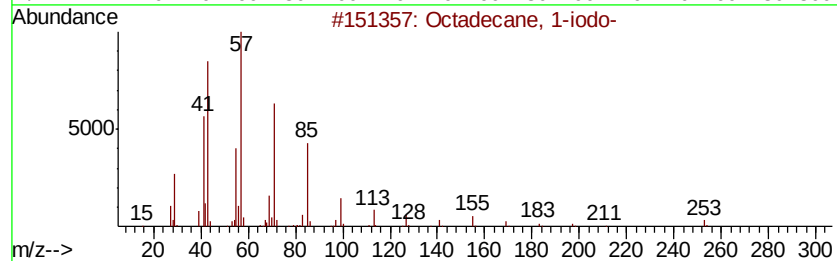
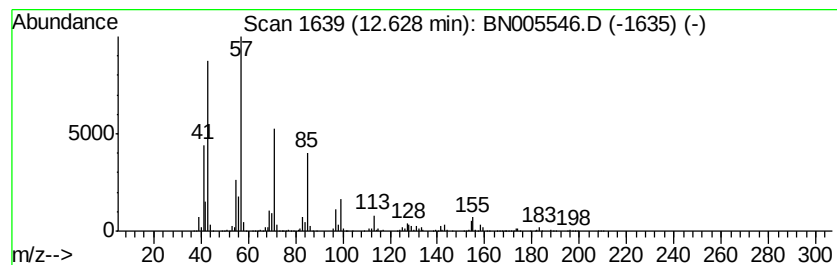
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 Octadecane, 1-iodo- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	10.89 ng/ul	8495010	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecane, 1-iodo-	380 C18H37I	000629-93-6 83
2		1-Iodo-2-methylundecane	296 C12H25I	073105-67-6 83
3		Eicosane, 10-methyl-	296 C21H44	054833-23-7 80
4		Eicosane	282 C20H42	000112-95-8 74
5		3,5-Dimethyldodecane	198 C14H30	107770-99-0 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
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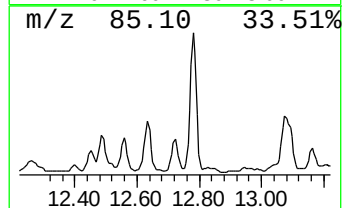
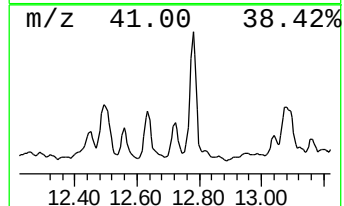
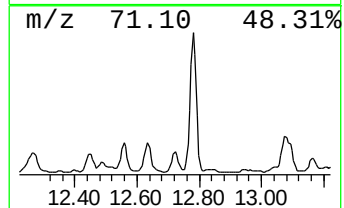
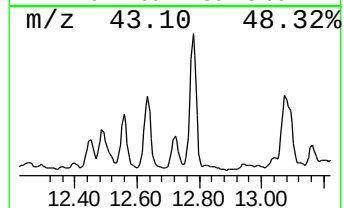
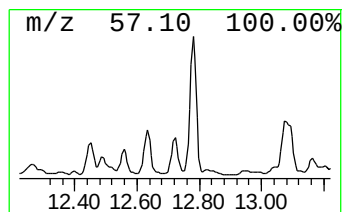
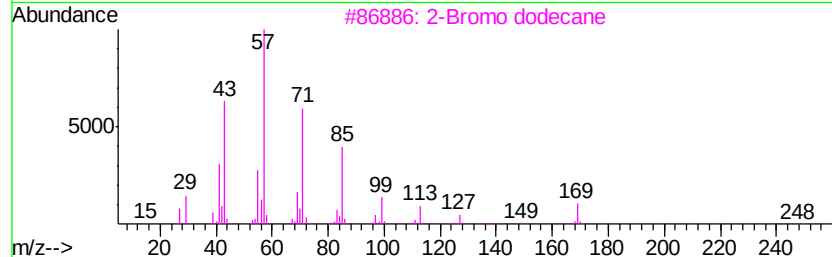
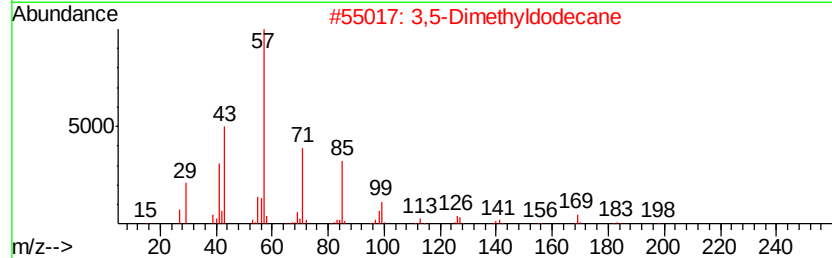
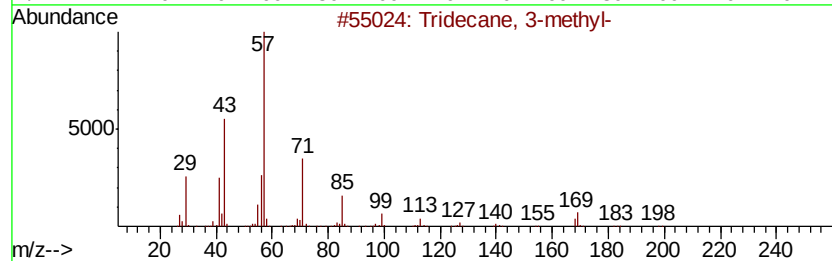
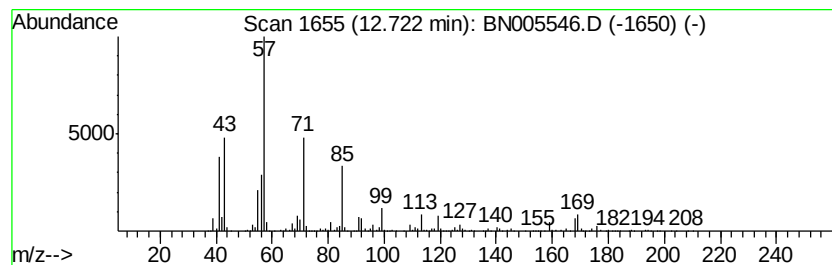
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	8.27 ng/ul	6446850	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	95
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	87
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
5		Decane	142	C10H22	000124-18-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
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Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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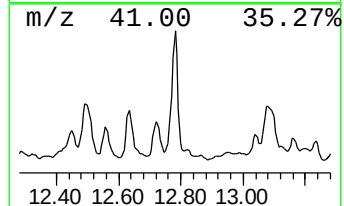
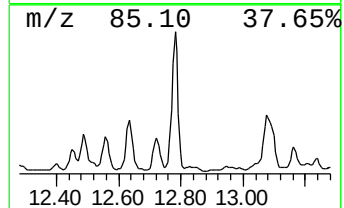
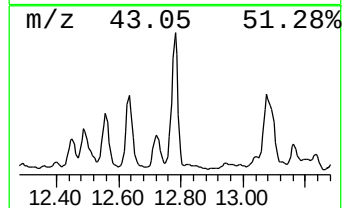
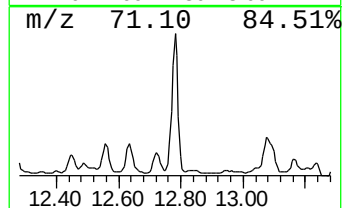
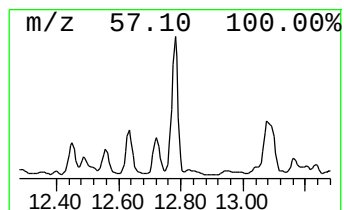
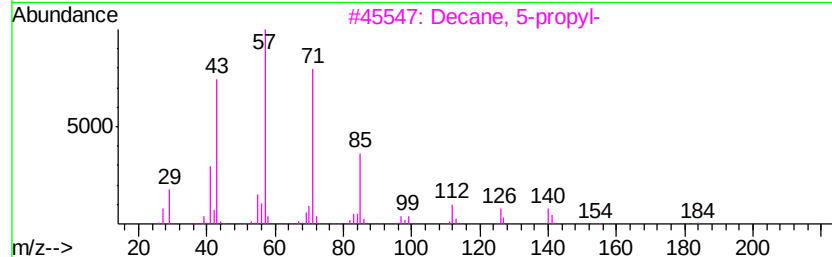
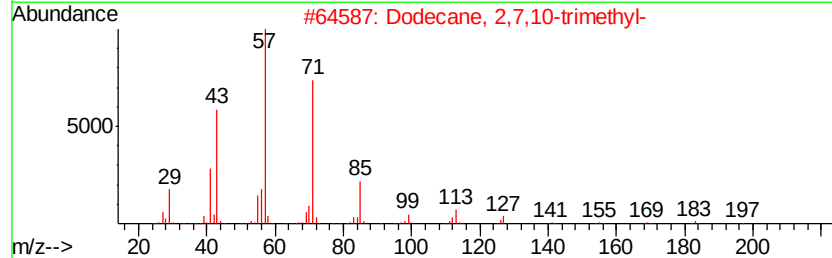
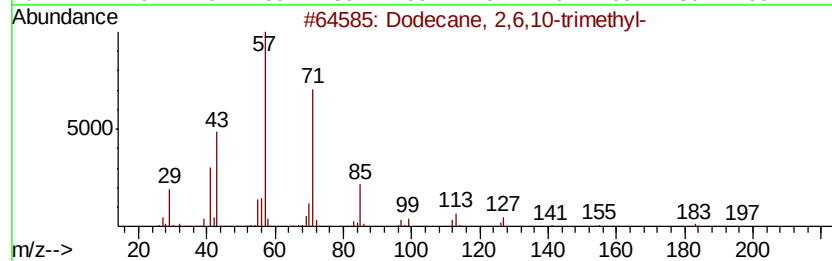
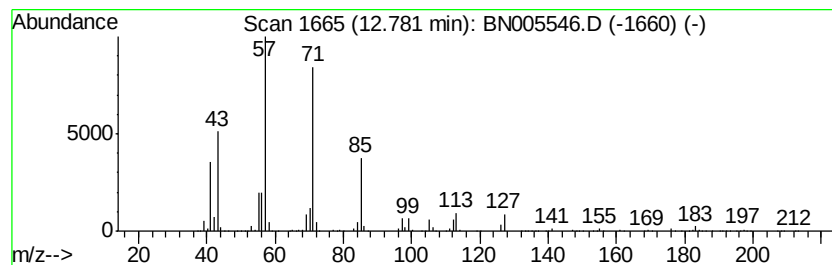
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	20.34 ng/ul	15861200	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3		Decane, 5-propyl-	184	C13H28	017312-62-8	83
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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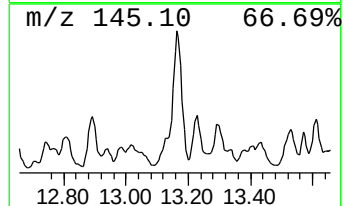
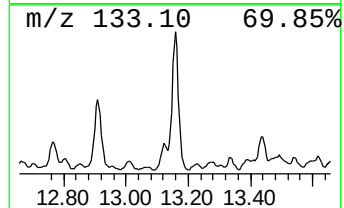
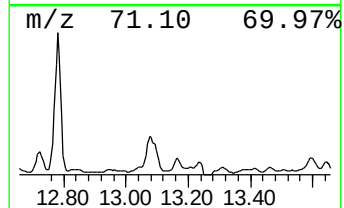
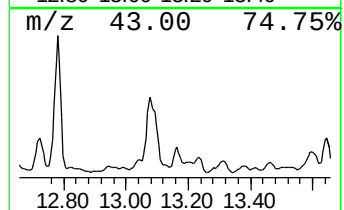
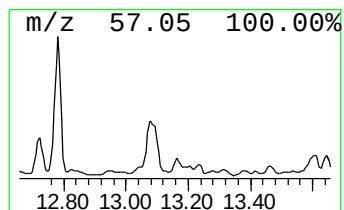
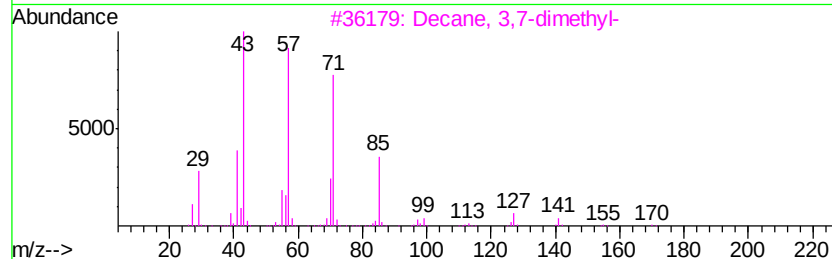
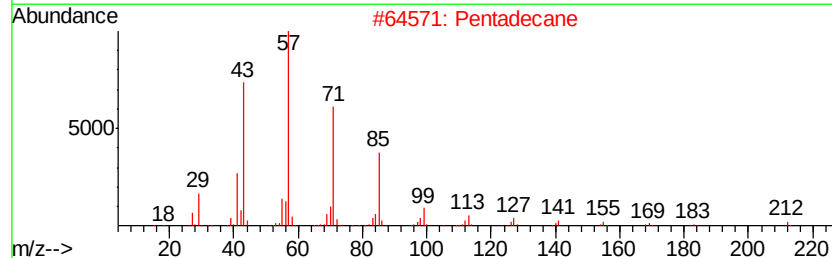
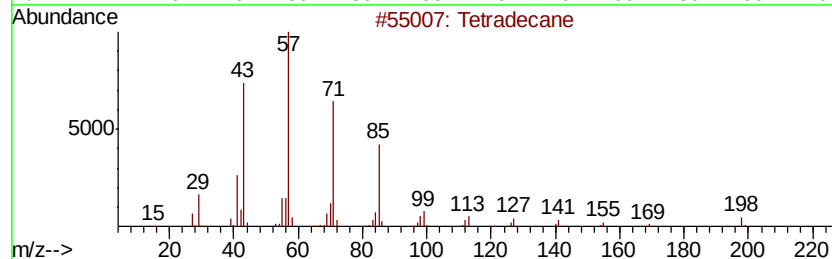
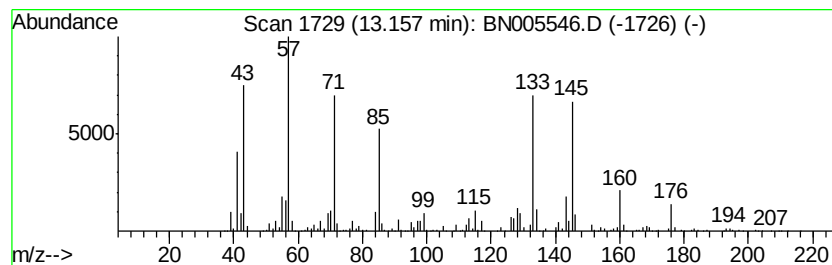
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.29 ng/ul	2566720	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	43
2			Pentadecane	212	C15H32	000629-62-9	43
3			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	41
4			Decane, 5-propyl-	184	C13H28	017312-62-8	38
5			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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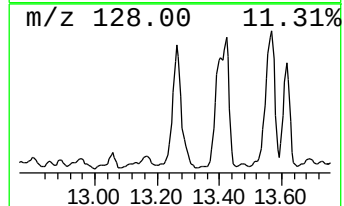
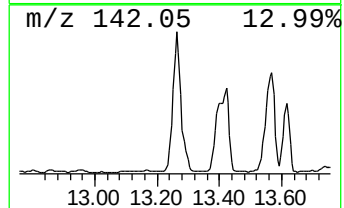
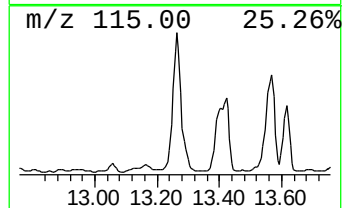
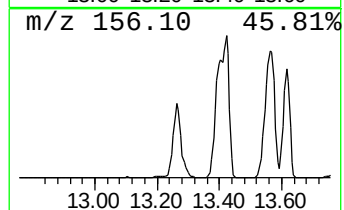
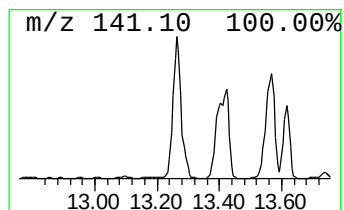
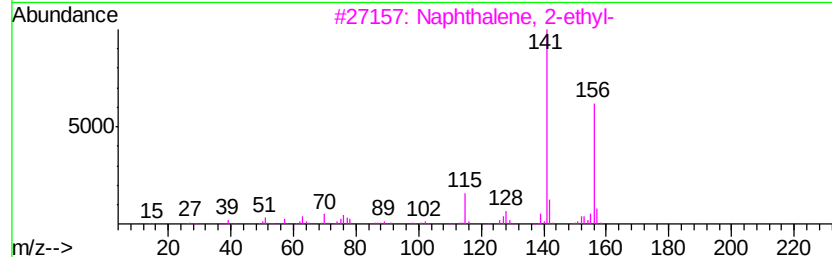
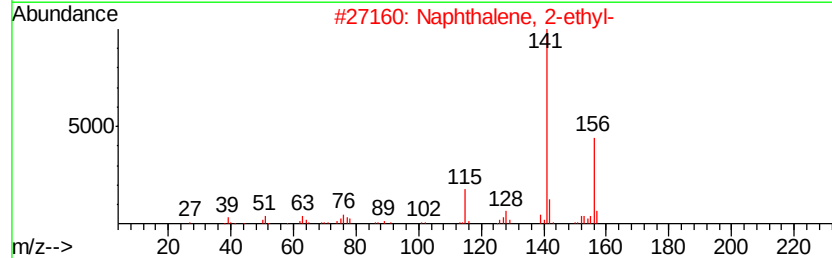
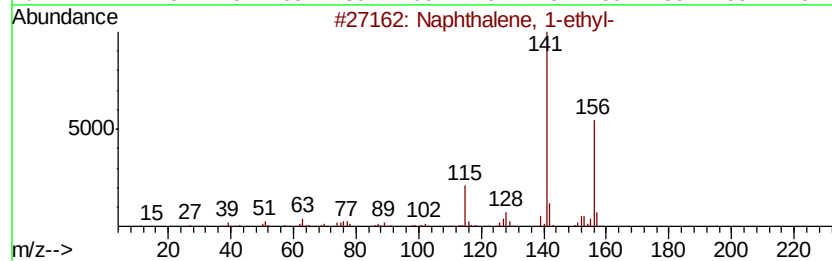
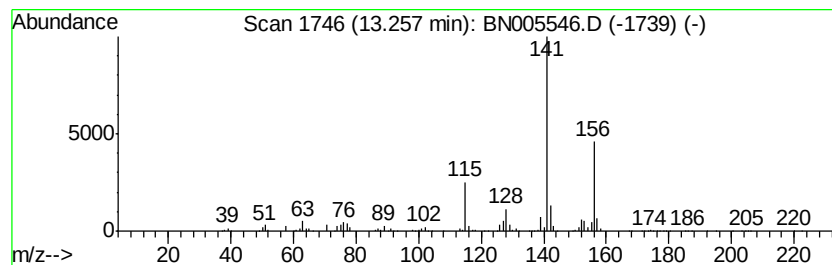
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	43.05 ng/ul	33573200	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
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	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

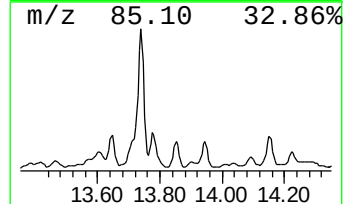
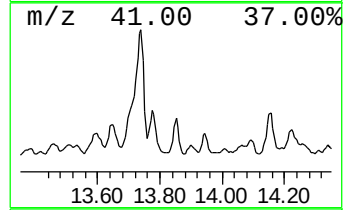
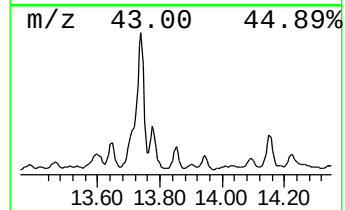
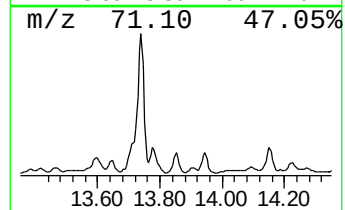
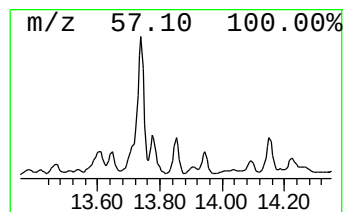
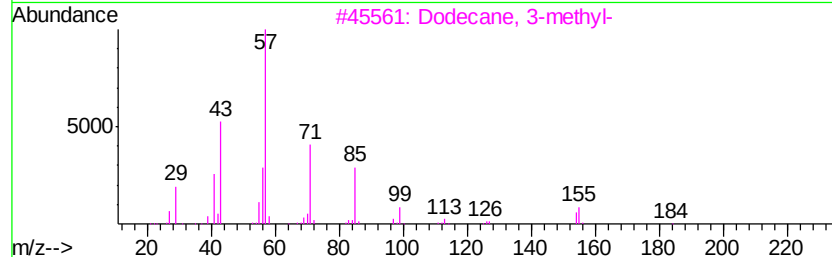
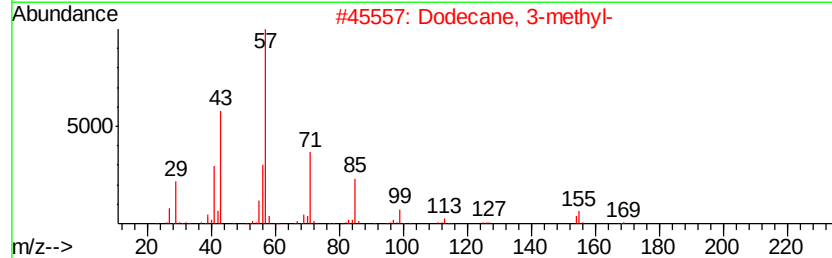
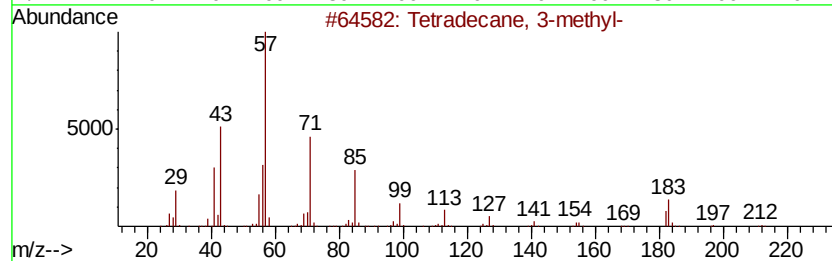
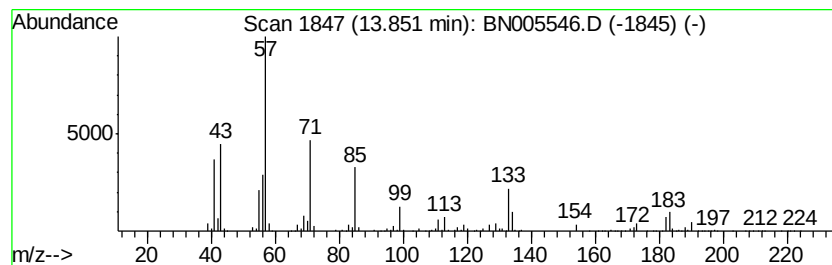
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.85	3.66 ng/ul	2857940	Acenaphthene-d10		14.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	76
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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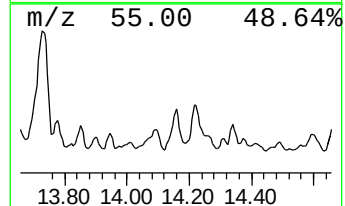
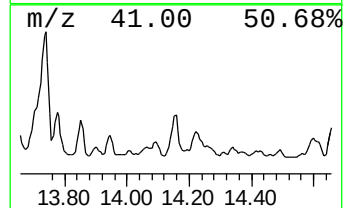
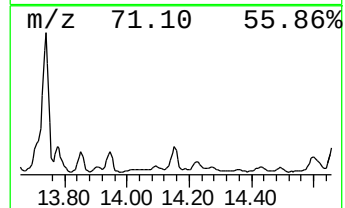
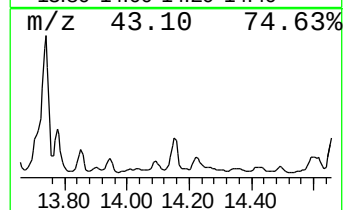
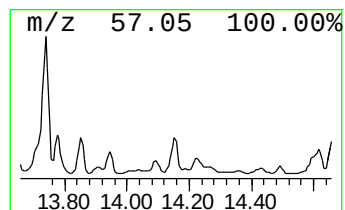
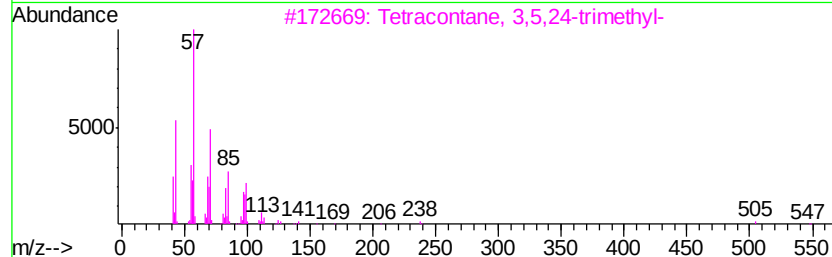
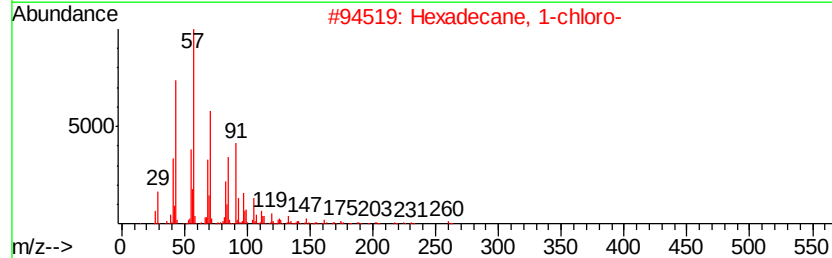
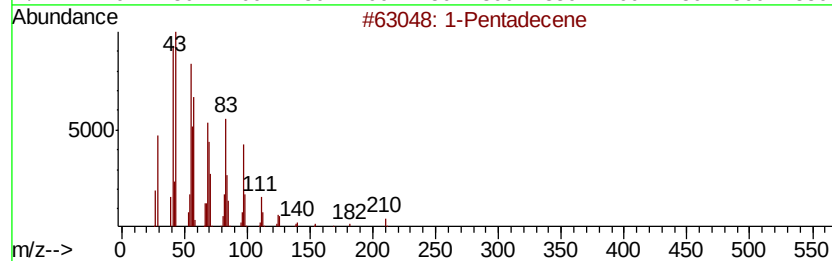
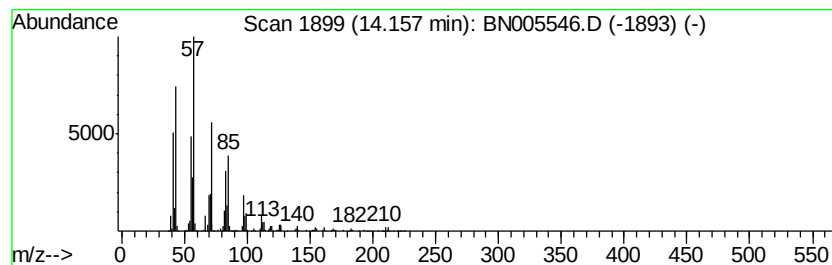
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 (DEL) Alkane: Cyclic14.16 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	6.74 ng/ul	5259010	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentadecene	210	C15H30	013360-61-7	86
2			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	80
3			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	80
4			Pentadecane	212	C15H32	000629-62-9	76
5			Tetradecane	198	C14H30	000629-59-4	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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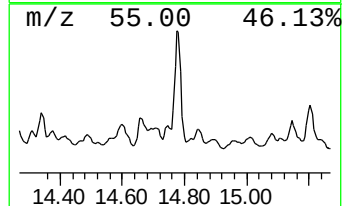
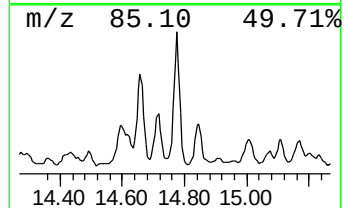
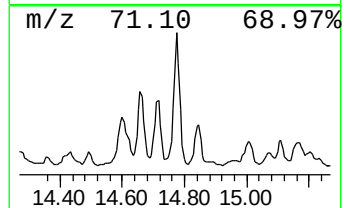
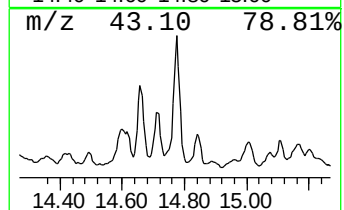
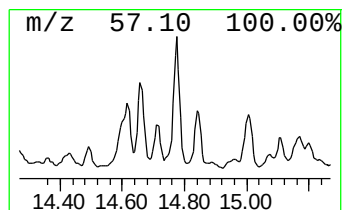
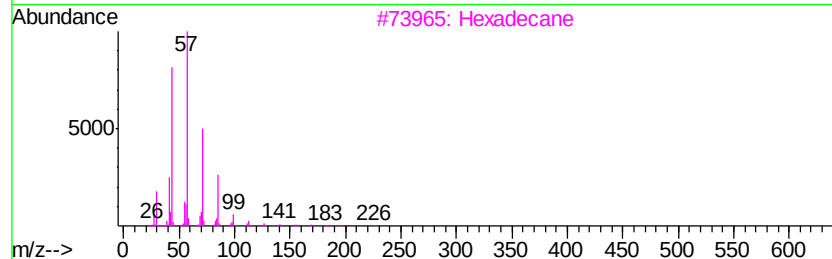
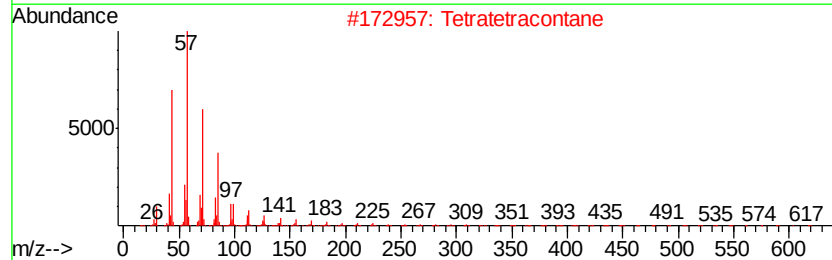
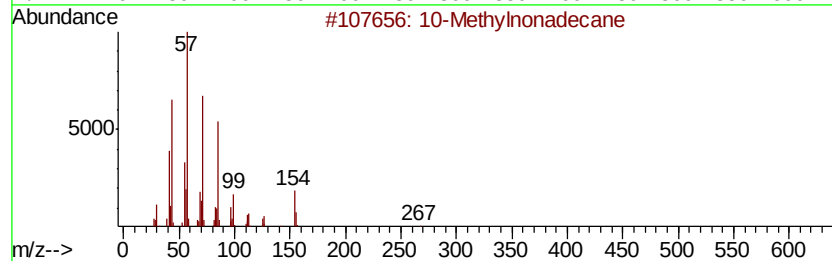
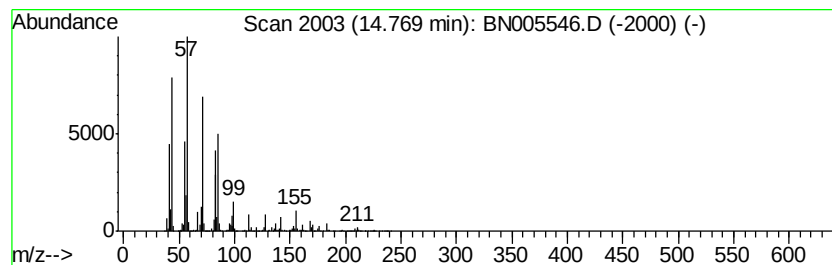
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Quant Title : SVOA CALIBRATION

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	12.04 ng/ul	9390770	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	49
2		Tetratetracontane	619	C44H90	007098-22-8	49
3		Hexadecane	226	C16H34	000544-76-3	46
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	46
5		Dodecane	170	C12H26	000112-40-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
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Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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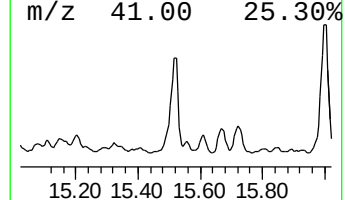
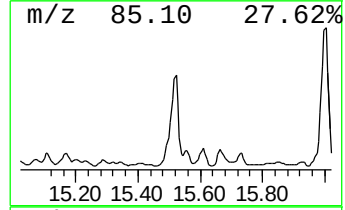
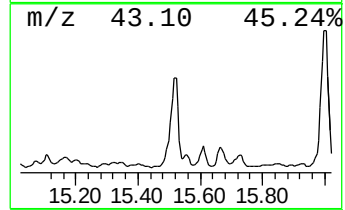
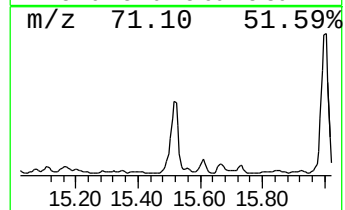
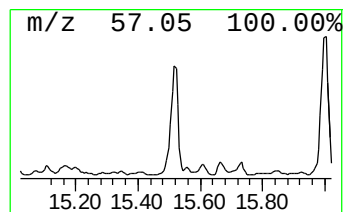
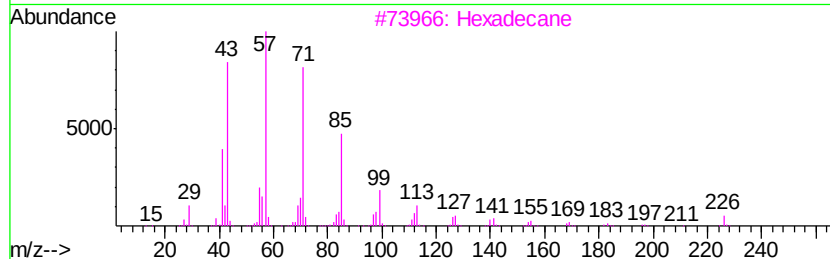
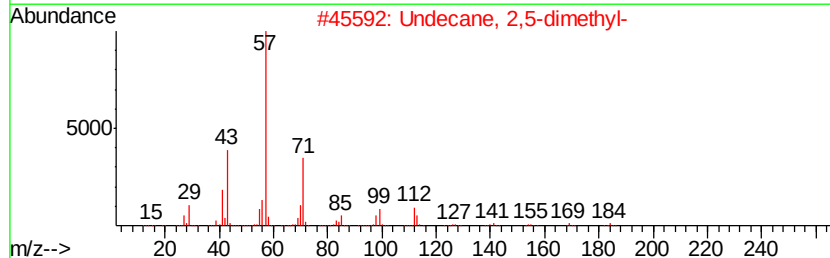
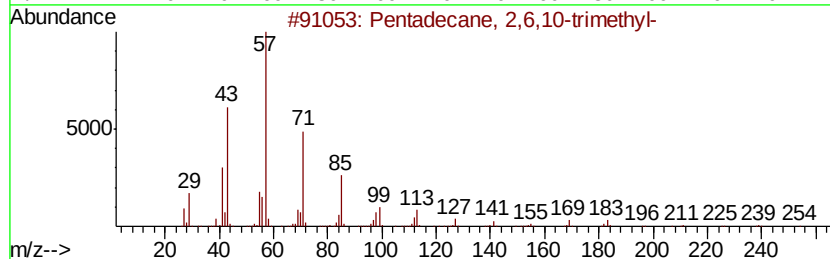
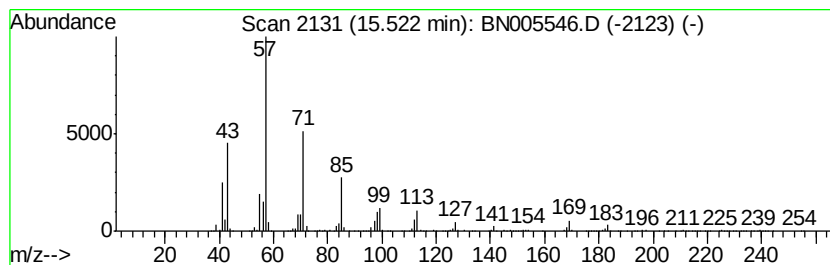
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Quant Title : SVOA CALIBRATION

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	22.53 ng/ul	17571500	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3		Hexadecane	226	C16H34	000544-76-3	72
4		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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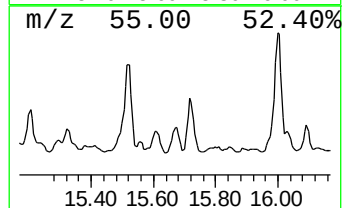
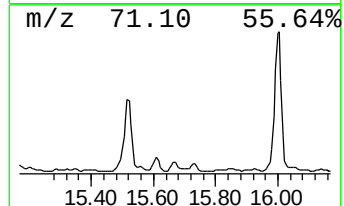
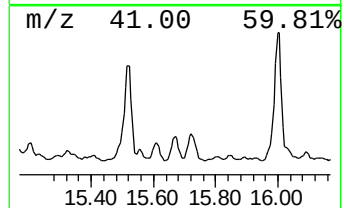
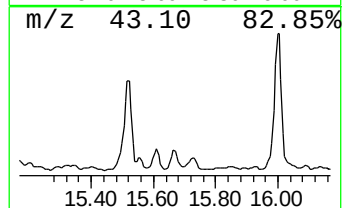
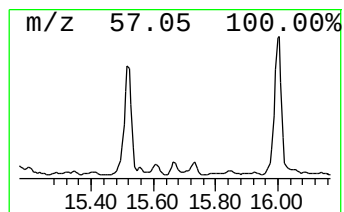
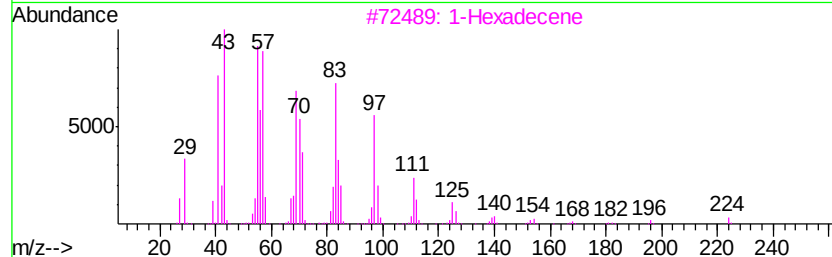
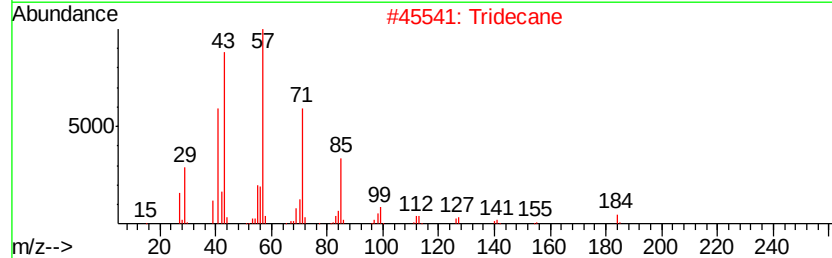
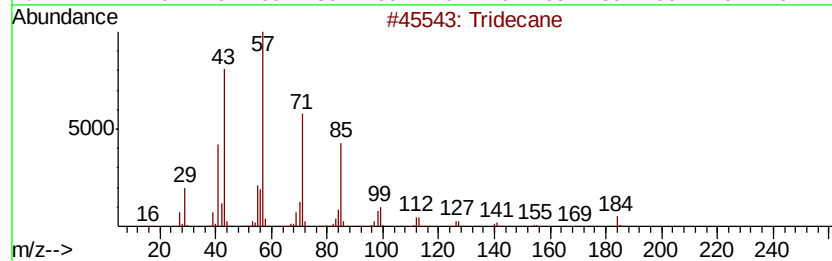
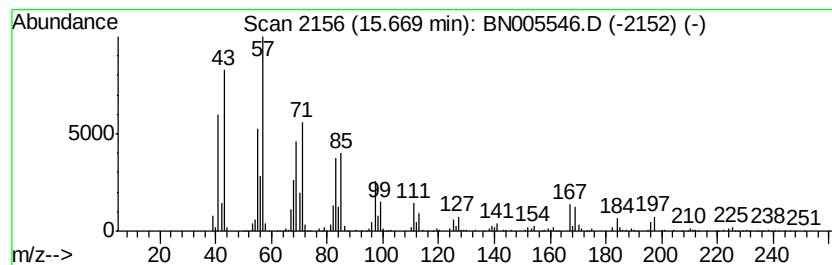
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Quant Title : SVOA CALIBRATION

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

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	14.03 ng/ul	3003720	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Tridecane	184	C13H28	000629-50-5	91
3		1-Hexadecene	224	C16H32	000629-73-2	74
4		1-Hexadecene	224	C16H32	000629-73-2	70
5		Cyclotetradecane	196	C14H28	000295-17-0	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86

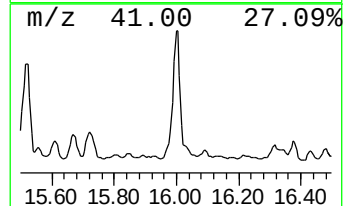
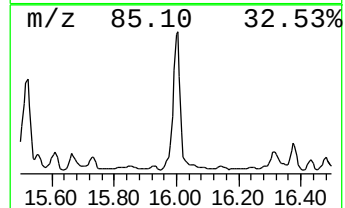
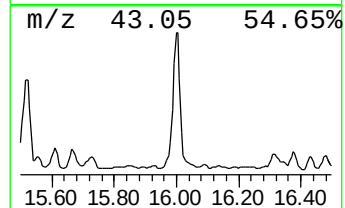
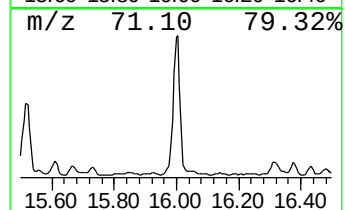
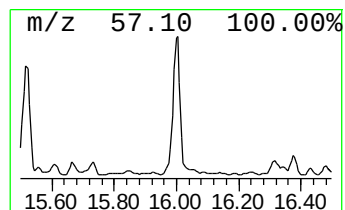
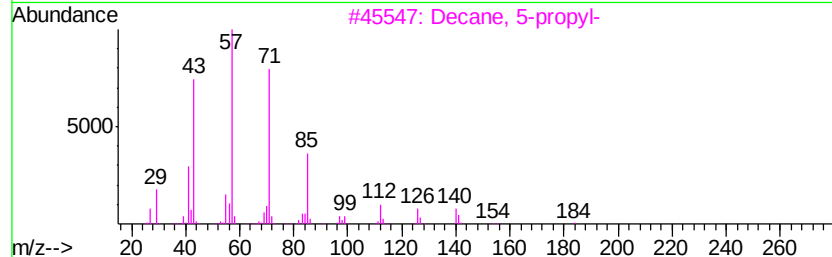
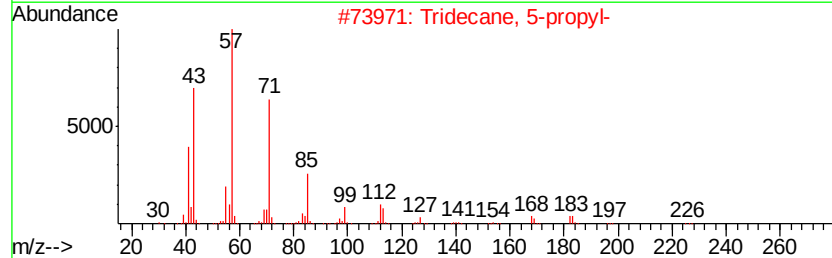
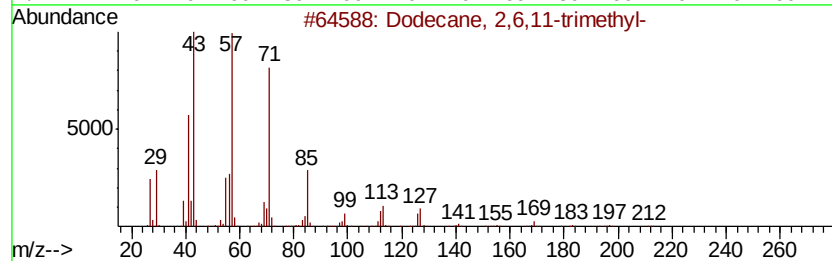
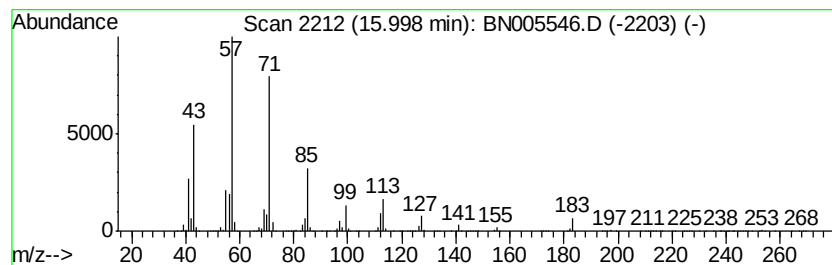
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Quant Title : SVOA CALIBRATION

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

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	112.01 ng/ul	23984400	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	93
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3		Decane, 5-propyl-	184	C13H28	017312-62-8	87
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	87
5		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86

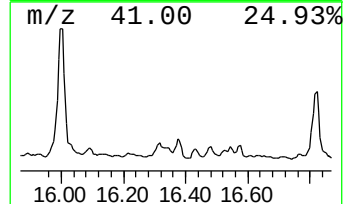
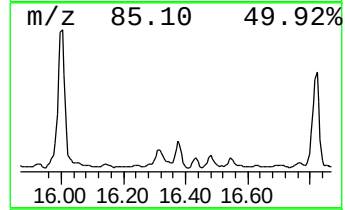
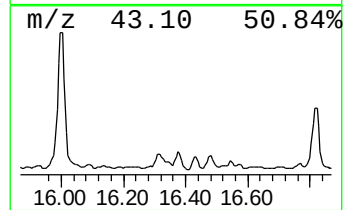
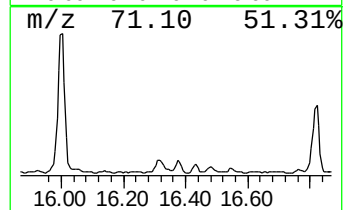
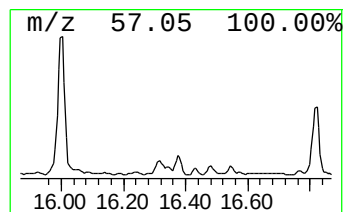
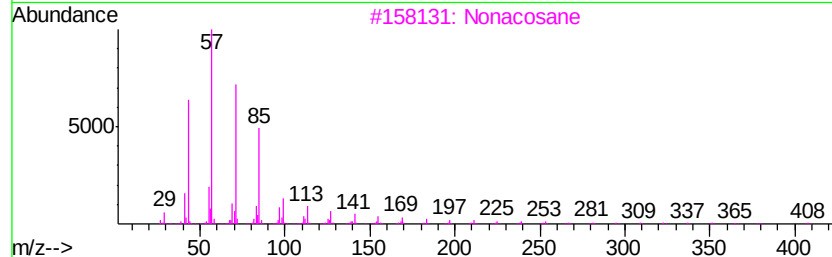
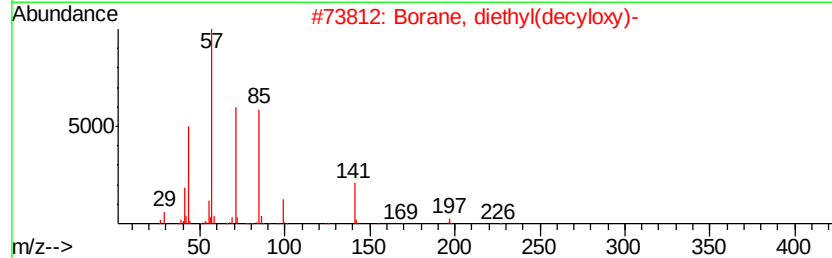
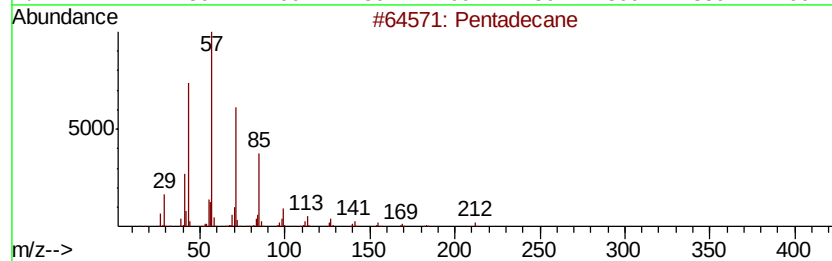
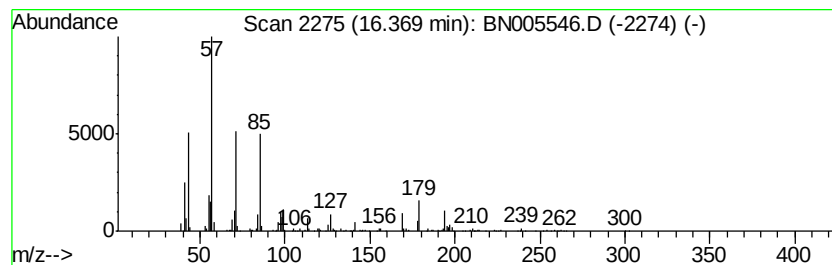
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Quant Title : SVOA CALIBRATION

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

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	11.95 ng/ul	2558720	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	89
2		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	70
3		Nonacosane	408	C29H60	000630-03-5	64
4		Tetracosane	338	C24H50	000646-31-1	59
5		Heptadecane	240	C17H36	000629-78-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86

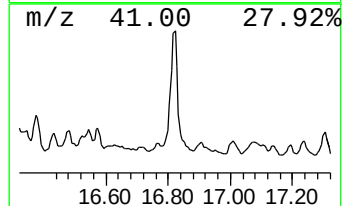
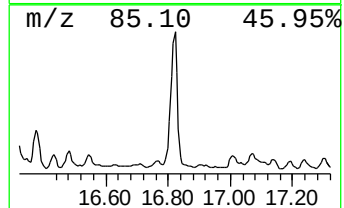
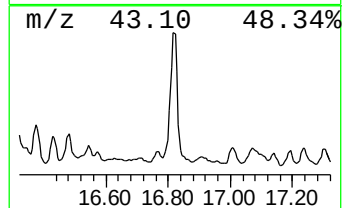
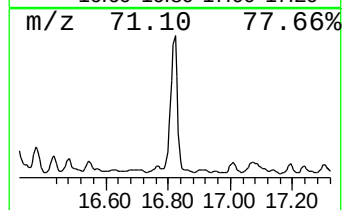
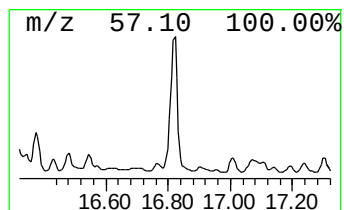
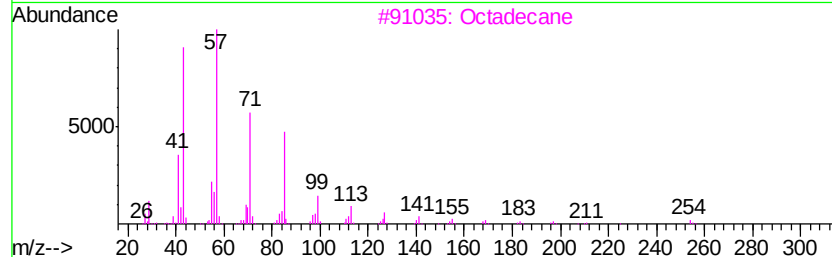
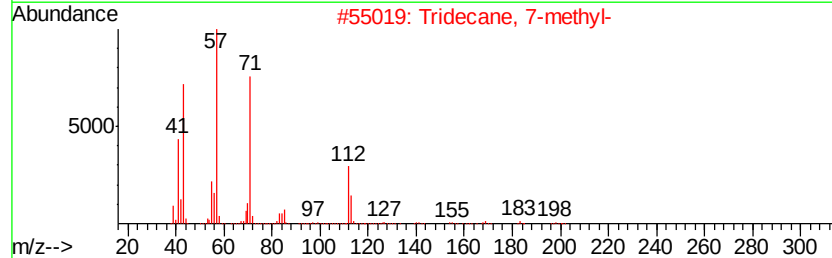
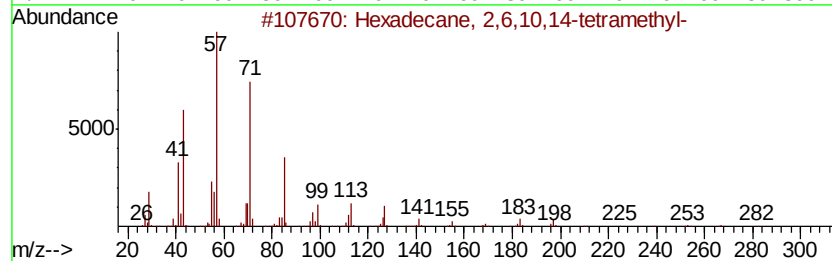
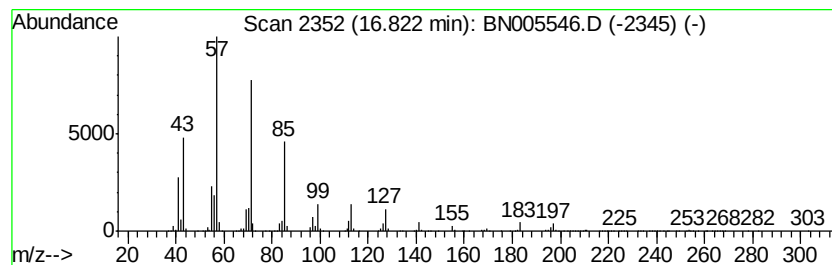
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Quant Title : SVOA CALIBRATION

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

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	66.35 ng/ul	14206200	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ86

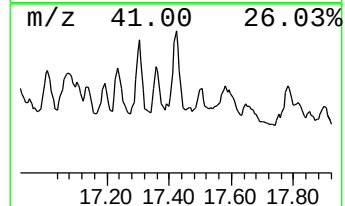
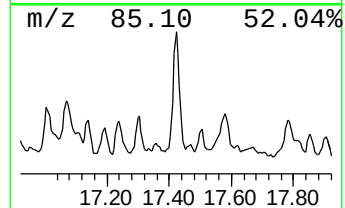
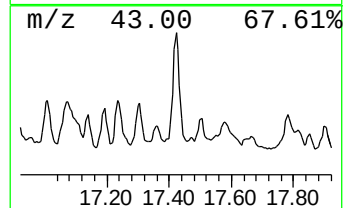
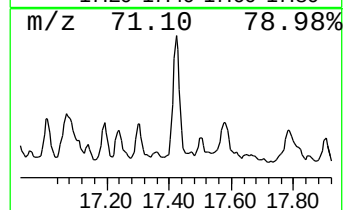
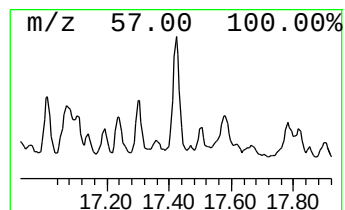
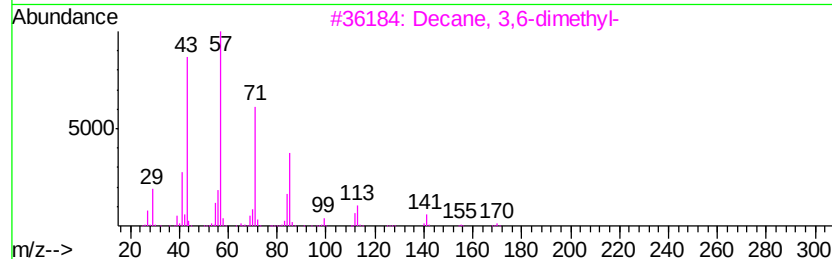
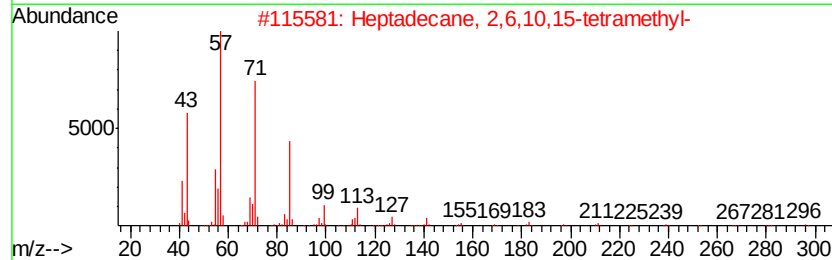
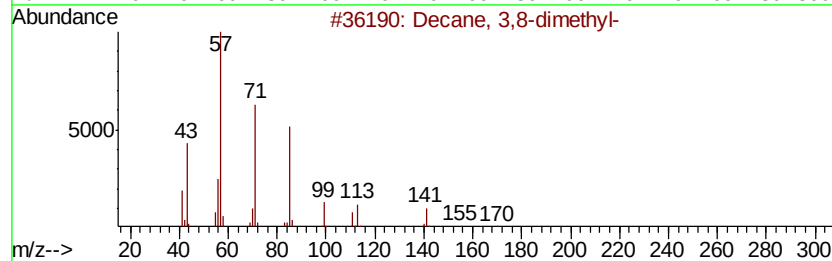
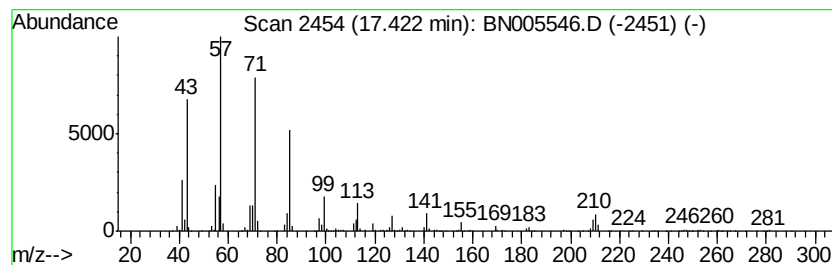
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Quant Title : SVOA CALIBRATION

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

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	14.22 ng/ul	3044410	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
4		Triacontane	422	C30H62	000638-68-6	87
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
 Data File : BN005546.D
 Acq On : 08 May 2019 23:27
 Operator : JU/SJ
 Sample : K2604-12 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ86

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
unknown-01	7.25	84.9	ng/ul	17690500	1	7.59	4169500	20.0
Benzene, 1-etheny...	7.33	16.6	ng/ul	3456650	1	7.59	4169500	20.0
Benzene, 1,2,3-tr...	7.70	13.8	ng/ul	2883040	1	7.59	4169500	20.0
(DEL) Alkane: Cyc...	7.87	14.2	ng/ul	2968710	1	7.59	4169500	20.0
Indane	7.95	11.4	ng/ul	2376360	1	7.59	4169500	20.0
Benzene, 1,4-diet...	8.22	11.0	ng/ul	2302090	1	7.59	4169500	20.0
(DEL) Alkane: Str...	8.35	11.8	ng/ul	2461810	1	7.59	4169500	20.0
(DEL) Alkane: Str...	8.82	44.6	ng/ul	9293610	1	7.59	4169500	20.0
unknown-02	8.93	23.7	ng/ul	4933300	1	7.59	4169500	20.0
(DEL) Alkane: Str...	9.06	2.9	ng/ul	3722500	2	10.36	25571300	20.0
(DEL) Alkane: Str...	9.22	2.7	ng/ul	3404350	2	10.36	25571300	20.0
Benzene, 1,2,4,5-...	9.26	2.0	ng/ul	2606800	2	10.36	25571300	20.0
(DEL) Alkane: Cyc...	9.50	3.6	ng/ul	4627340	2	10.36	25571300	20.0
trans-Decalin, 2-...	9.55	4.9	ng/ul	6314210	2	10.36	25571300	20.0
(DEL) Alkane: Str...	9.64	4.6	ng/ul	5907550	2	10.36	25571300	20.0
(DEL) Alkane: Str...	9.72	3.8	ng/ul	4884640	2	10.36	25571300	20.0
Benzene, 2-ethyl-...	9.78	4.6	ng/ul	5878420	2	10.36	25571300	20.0
(DEL) Alkane: Str...	9.91	2.9	ng/ul	3699720	2	10.36	25571300	20.0
Benzene, 1-methyl...	10.07	3.1	ng/ul	3969890	2	10.36	25571300	20.0
(DEL) Alkane: Cyc...	10.23	2.2	ng/ul	2844380	2	10.36	25571300	20.0
(DEL) Alkane: Cyc...	10.27	4.8	ng/ul	6141730	2	10.36	25571300	20.0
(DEL) Alkane: Str...	10.54	13.7	ng/ul	17512200	2	10.36	25571300	20.0
Benzene, 1-ethyl-...	10.59	3.3	ng/ul	4275160	2	10.36	25571300	20.0
unknown-03	10.66	2.4	ng/ul	3092920	2	10.36	25571300	20.0
(DEL) Alkane: Cyc...	11.06	8.8	ng/ul	11286700	2	10.36	25571300	20.0
unknown-04	11.13	2.4	ng/ul	3077190	2	10.36	25571300	20.0
(DEL) Alkane: Str...	11.21	4.4	ng/ul	5681480	2	10.36	25571300	20.0
(DEL) Alkane: Str...	11.29	7.6	ng/ul	9761410	2	10.36	25571300	20.0
(DEL) Alkane: Str...	11.40	20.0	ng/ul	25595200	2	10.36	25571300	20.0
Naphthalene, 1,2-...	11.55	4.4	ng/ul	5596860	2	10.36	25571300	20.0
(DEL) Alkane: Str...	11.82	11.7	ng/ul	14931200	2	10.36	25571300	20.0
Naphthalene, 1-me...	12.27	33.0	ng/ul	42250300	2	10.36	25571300	20.0
(DEL) Alkane: Str...	12.50	13.1	ng/ul	10244600	3	14.23	15596300	20.0
(DEL) Alkane: Str...	12.56	7.7	ng/ul	5985260	3	14.23	15596300	20.0
Octadecane, 1-iodo-	12.63	10.9	ng/ul	8495010	3	14.23	15596300	20.0
(DEL) Alkane: Str...	12.72	8.3	ng/ul	6446850	3	14.23	15596300	20.0
(DEL) Alkane: Str...	12.78	20.3	ng/ul	15861200	3	14.23	15596300	20.0
(DEL) Alkane: Str...	13.16	3.3	ng/ul	2566720	3	14.23	15596300	20.0
Naphthalene, 1-et...	13.26	43.0	ng/ul	33573200	3	14.23	15596300	20.0
(DEL) Alkane: Str...	13.85	3.7	ng/ul	2857940	3	14.23	15596300	20.0
(DEL) Alkane: Cyc...	14.16	6.7	ng/ul	5259010	3	14.23	15596300	20.0
(DEL) Alkane: Str...	14.77	12.0	ng/ul	9390770	3	14.23	15596300	20.0
(DEL) Alkane: Str...	15.52	22.5	ng/ul	17571500	3	14.23	15596300	20.0
(DEL) Alkane: Str...	15.67	14.0	ng/ul	3003720	4	16.99	4282470	20.0
(DEL) Alkane: Str...	16.00	112.0	ng/ul	23984400	4	16.99	4282470	20.0
(DEL) Alkane: Str...	16.37	11.9	ng/ul	2558720	4	16.99	4282470	20.0
(DEL) Alkane: Str...	16.82	66.3	ng/ul	14206200	4	16.99	4282470	20.0
(DEL) Alkane: Str...	17.42	14.2	ng/ul	3044410	4	16.99	4282470	20.0