

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009619.D
 Acq On : 06 Feb 2020 20:59
 Operator : CG/JU
 Sample : L1324-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT65

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-BN020320MA.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	7.093	690	698	707	rBV3	1627035	3291840	11.39%	0.800%
2	7.434	748	756	761	rBV2	850531	1374425	4.76%	0.334%
3	7.958	835	845	853	rBV	1378420	2504602	8.67%	0.609%
4	8.528	933	942	946	rBV2	626204	1196392	4.14%	0.291%
5	8.663	960	965	969	rBV	2535354	3703199	12.81%	0.900%
6	9.105	1037	1040	1047	rVB2	732435	1430000	4.95%	0.348%
7	9.481	1096	1104	1114	rVB2	894522	1887628	6.53%	0.459%
8	9.610	1121	1126	1129	rVV2	1233452	2635367	9.12%	0.641%
9	9.646	1129	1132	1136	rVV	1396342	2316414	8.02%	0.563%
10	9.693	1136	1140	1145	rVV2	1098227	2113171	7.31%	0.514%
11	9.746	1145	1149	1154	rVV3	903470	1718551	5.95%	0.418%
12	9.822	1154	1162	1168	rVB6	595247	1727786	5.98%	0.420%
13	10.104	1207	1210	1214	rVV4	625744	1102937	3.82%	0.268%
14	10.193	1214	1225	1229	rVV3	6182055	12194667	42.20%	2.965%
15	10.240	1229	1233	1241	rVV	7560008	12913722	44.68%	3.139%
16	10.310	1241	1245	1251	rVV3	1000908	2367357	8.19%	0.576%
17	10.375	1251	1256	1261	rVV	4820096	7557356	26.15%	1.837%
18	10.428	1261	1265	1270	rVV5	543857	1350977	4.67%	0.328%
19	10.687	1305	1309	1318	rVB6	625385	1192453	4.13%	0.290%
20	10.899	1342	1345	1349	rVB2	1494827	2046406	7.08%	0.498%
21	11.046	1365	1370	1375	rVV2	1161182	1872340	6.48%	0.455%
22	11.128	1376	1384	1390	rVB2	2378931	4449149	15.39%	1.082%
23	11.240	1396	1403	1408	rBV	5640897	10261091	35.50%	2.495%
24	11.646	1464	1472	1479	rBV2	2295350	5372982	18.59%	1.306%
25	11.869	1499	1510	1517	rVB	16159535	28900542	100.00%	7.026%
26	12.093	1541	1548	1553	rBV	9694524	15396296	53.27%	3.743%
27	12.181	1559	1563	1571	rVB2	681762	1353629	4.68%	0.329%
28	12.298	1579	1583	1586	rVV	1221514	1946470	6.74%	0.473%
29	12.340	1586	1590	1597	rVB2	2585639	4332940	14.99%	1.053%
30	12.404	1597	1601	1608	rVB	1704766	2592479	8.97%	0.630%
31	12.481	1609	1614	1624	rBV	2820009	4591094	15.89%	1.116%
32	12.569	1625	1629	1633	rBV	1676067	2548441	8.82%	0.620%
33	12.628	1634	1639	1643	rVB	5265009	7033541	24.34%	1.710%
34	12.887	1679	1683	1688	rBV3	1237353	2194757	7.59%	0.534%

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35	12.940	1688	1692	1700	rVB	1860058	3052851	10.56%	0.742%
36	13.004	1700	1703	1712	rBV4	995322	1529530	5.29%	0.372%
37	13.098	1713	1719	1736	rVB	4803364	10616200	36.73%	2.581%
38	13.240	1736	1743	1744	rBV	4858918	7849485	27.16%	1.908%
39	13.398	1764	1770	1775	rVV	6984650	12324308	42.64%	2.996%
40	13.451	1775	1779	1784	rVV2	3791093	5263091	18.21%	1.280%
41	13.498	1784	1787	1791	rVB	1803342	2115014	7.32%	0.514%
42	13.592	1792	1803	1806	rBV2	4545062	9203719	31.85%	2.238%
43	13.634	1806	1810	1814	rBV2	4534360	5896736	20.40%	1.434%
44	13.710	1819	1823	1827	rVV	1355602	1811042	6.27%	0.440%
45	13.763	1827	1832	1835	rVV2	1456296	2439612	8.44%	0.593%
46	13.798	1835	1838	1843	rVB2	2578716	3410075	11.80%	0.829%
47	14.075	1880	1885	1891	rVV4	2492192	4937579	17.08%	1.200%
48	14.145	1891	1897	1905	rVB	6079566	9718949	33.63%	2.363%
49	14.292	1917	1922	1931	rBV	1883677	4459495	15.43%	1.084%
50	14.487	1946	1955	1958	rBV4	2650793	5922017	20.49%	1.440%
51	14.516	1958	1960	1964	rVV	1170996	1674532	5.79%	0.407%
52	14.569	1965	1969	1973	rVV2	2733409	3871881	13.40%	0.941%
53	14.634	1976	1980	1985	rVB	3268765	4201439	14.54%	1.021%
54	14.704	1987	1992	1997	rVV4	2244285	3681753	12.74%	0.895%
55	14.763	1998	2002	2005	rVB	1657713	2192323	7.59%	0.533%
56	14.875	2015	2021	2025	rBV3	1564988	2853315	9.87%	0.694%
57	14.957	2031	2035	2039	rVB	1013996	1391533	4.81%	0.338%
58	15.075	2050	2055	2060	rVB3	2409896	4257372	14.73%	1.035%
59	15.134	2060	2065	2070	rBV	3215850	4462026	15.44%	1.085%
60	15.351	2098	2102	2103	rBV4	1522423	1886657	6.53%	0.459%
61	15.381	2103	2107	2111	rVV	4153263	6125530	21.20%	1.489%
62	15.428	2111	2115	2119	rVV2	650024	1198246	4.15%	0.291%
63	15.469	2119	2122	2127	rVB2	1082832	1719943	5.95%	0.418%
64	15.539	2128	2134	2138	rBV3	1464970	3056035	10.57%	0.743%
65	15.581	2138	2141	2148	rVB5	1362150	2828522	9.79%	0.688%
66	15.863	2184	2189	2196	rVB	5418659	7892354	27.31%	1.919%
67	16.192	2240	2245	2250	rVV3	1718684	2995201	10.36%	0.728%
68	16.239	2250	2253	2258	rVB2	1040207	1369326	4.74%	0.333%
69	16.292	2258	2262	2268	rVB2	1121143	1538099	5.32%	0.374%
70	16.410	2279	2282	2289	rVB3	844263	1550277	5.36%	0.377%
71	16.651	2318	2323	2324	rBV2	910133	1249309	4.32%	0.304%

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72	16.681	2324	2328	2338	rVB	3263620	5117422	17.71%	1.244%
73	16.834	2349	2354	2357	rBV	1467061	2218973	7.68%	0.539%
74	16.881	2357	2362	2366	rVV	10521372	14792284	51.18%	3.596%
75	16.933	2366	2371	2373	rVV	1520293	2311805	8.00%	0.562%
76	16.963	2373	2376	2381	rVB	2683468	3529169	12.21%	0.858%
77	17.286	2427	2431	2437	rVB	943618	1299744	4.50%	0.316%
78	17.710	2498	2503	2507	rVV	3508983	4742881	16.41%	1.153%
79	17.757	2507	2511	2517	rVV	3573871	4875656	16.87%	1.185%
80	17.833	2521	2524	2528	rVV	1163995	1703327	5.89%	0.414%
81	17.898	2530	2535	2540	rVV2	3798093	7213236	24.96%	1.754%
82	17.939	2540	2542	2550	rVB2	1907257	2465819	8.53%	0.599%
83	18.522	2637	2641	2645	rVV2	762781	1176828	4.07%	0.286%
84	18.639	2656	2661	2666	rBV2	1584445	2514403	8.70%	0.611%
85	18.704	2666	2672	2675	rVV2	812037	1479990	5.12%	0.360%
86	18.904	2701	2706	2714	rVB2	3337761	4839908	16.75%	1.177%
87	19.051	2727	2731	2735	rBV	1141469	1483926	5.13%	0.361%
88	19.269	2758	2768	2778	rBV2	6109418	10558261	36.53%	2.567%
89	19.598	2820	2824	2835	rVV4	814168	1784766	6.18%	0.434%
90	19.739	2843	2848	2850	rVV2	739606	1314427	4.55%	0.320%
91	19.769	2850	2853	2858	rVB	1481309	2010014	6.95%	0.489%
92	19.875	2867	2871	2876	rBV	1201301	1534848	5.31%	0.373%
93	19.927	2877	2880	2884	rVB	1019305	1212637	4.20%	0.295%
94	20.116	2908	2912	2922	rVB	1088615	1679609	5.81%	0.408%
95	21.039	3063	3069	3073	rBV2	3013369	5997950	20.75%	1.458%
96	21.080	3073	3076	3083	rVB	1779198	2342166	8.10%	0.569%
97	22.557	3319	3327	3342	rVB2	881246	2731643	9.45%	0.664%
98	23.027	3402	3407	3410	rVV	1067941	1761285	6.09%	0.428%
99	23.074	3410	3415	3421	rVB2	1175286	2245616	7.77%	0.546%
100	23.157	3424	3429	3434	rBV	1501682	2382253	8.24%	0.579%

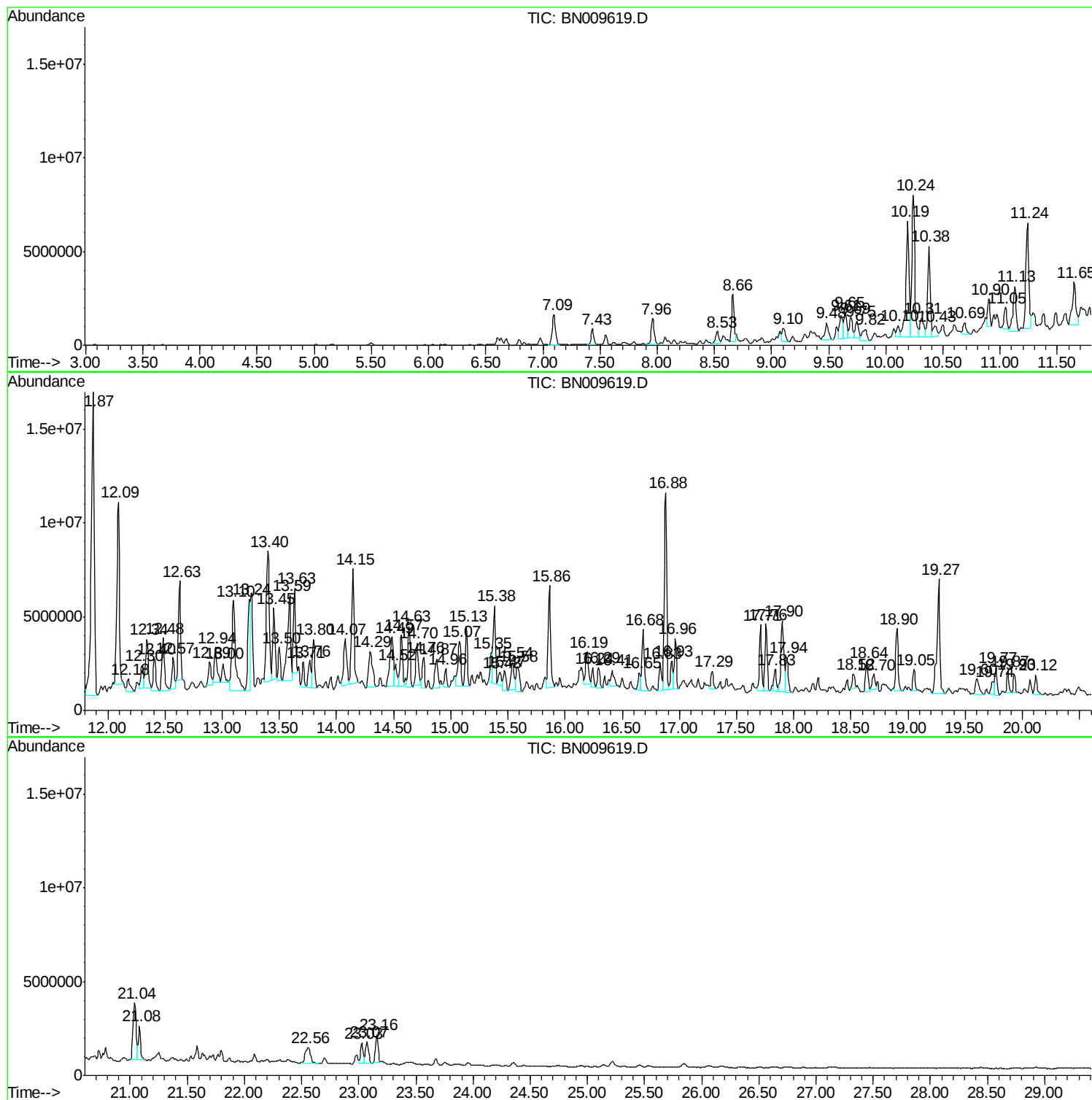
Sum of corrected areas: 411337223

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Instrument :
BNA_N
ClientSampled :
GAT65

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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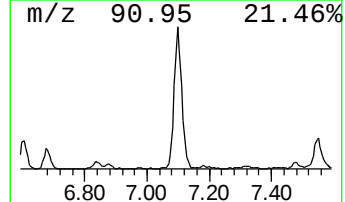
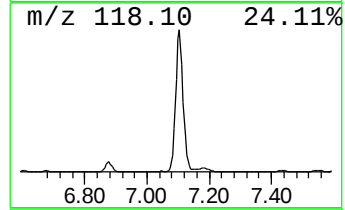
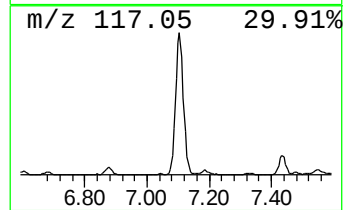
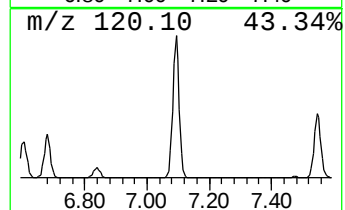
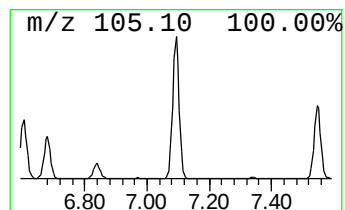
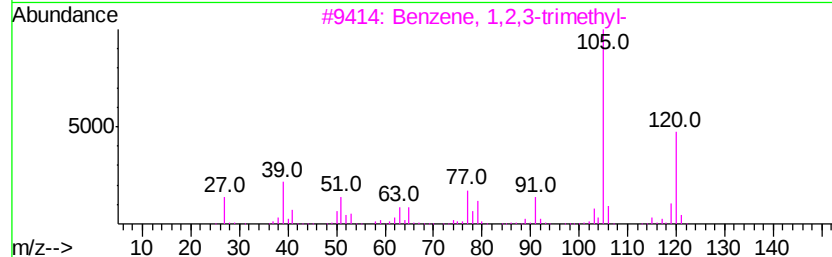
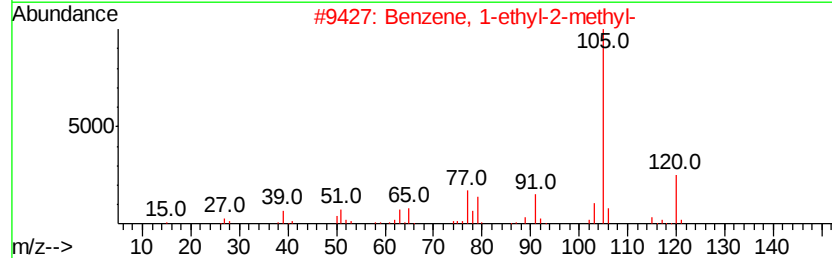
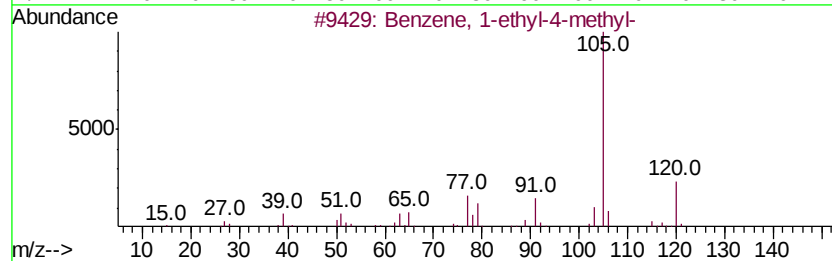
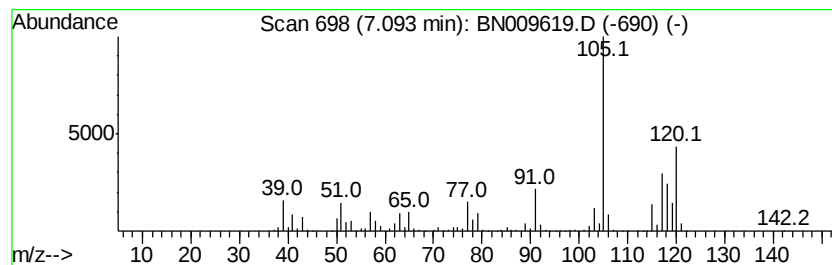
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	47.90 ng/ul	3291840	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
4		2,4-Nonadiyne	120	C9H12	063621-15-8	60
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60



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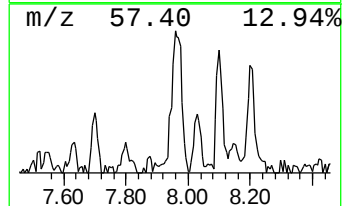
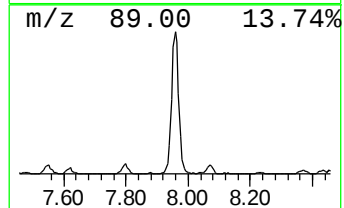
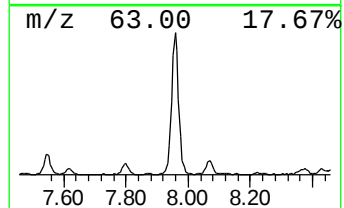
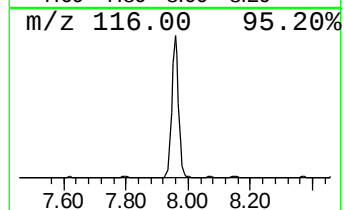
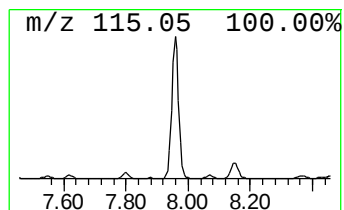
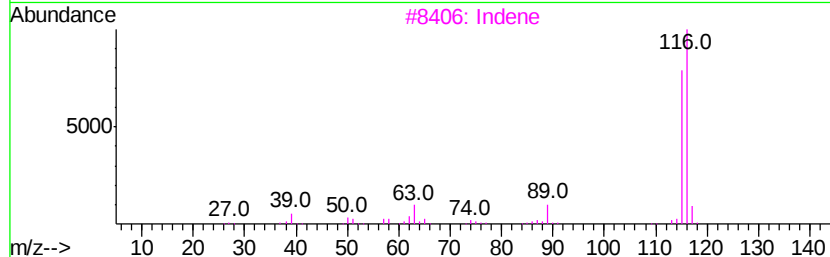
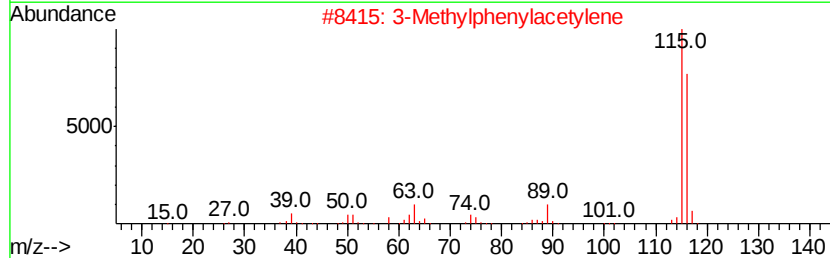
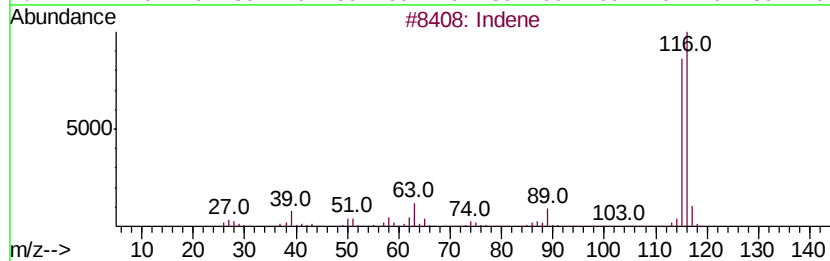
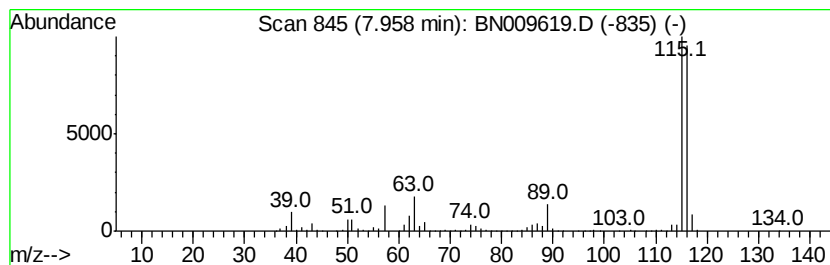
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	36.45 ng/ul	2504600	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	93
2		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3		Indene	116	C9H8	000095-13-6	91
4		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	90



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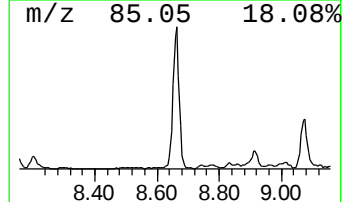
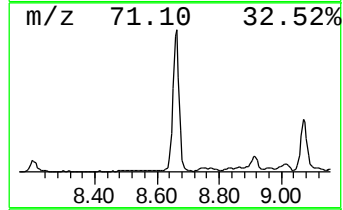
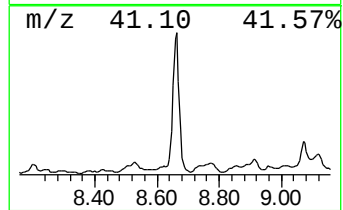
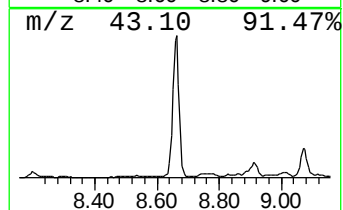
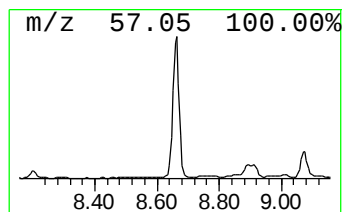
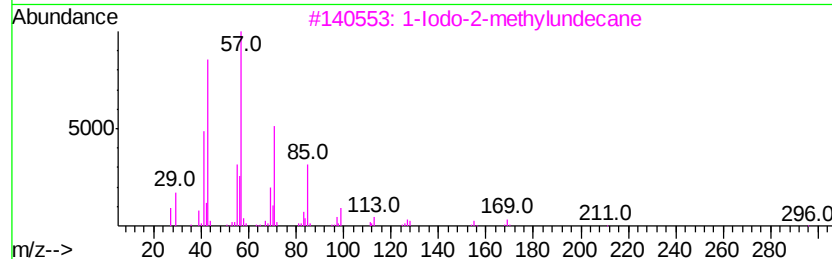
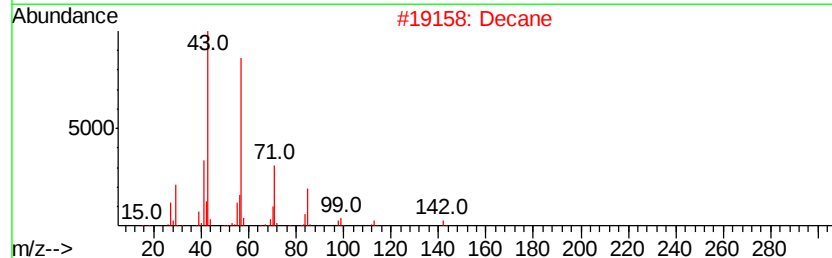
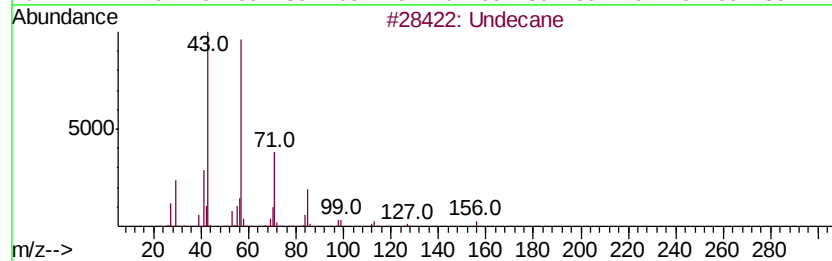
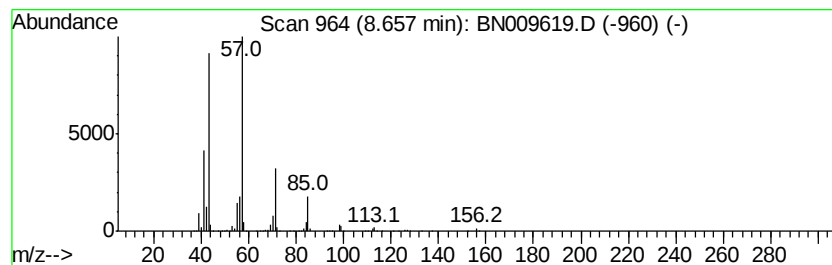
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	53.89 ng/ul	3703200	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	90
2		Decane	142	C10H22	000124-18-5	78
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
4		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
5		Tetradecane	198	C14H30	000629-59-4	64



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Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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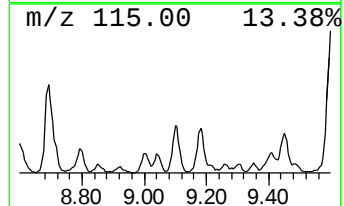
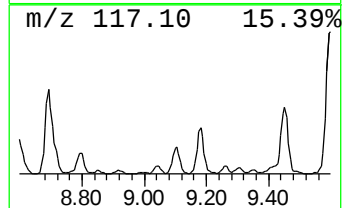
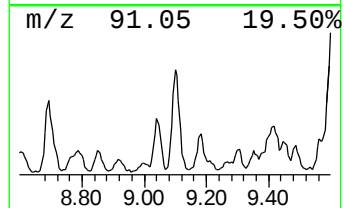
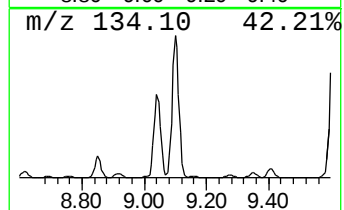
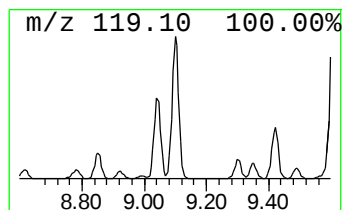
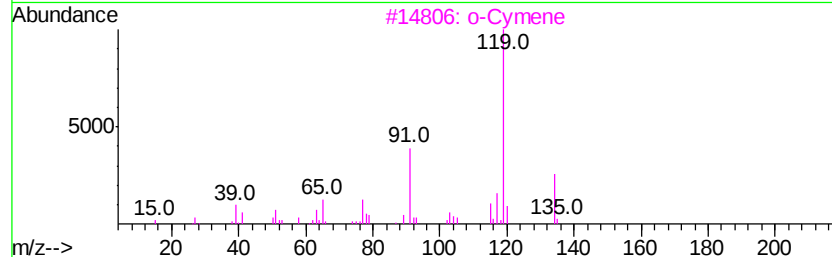
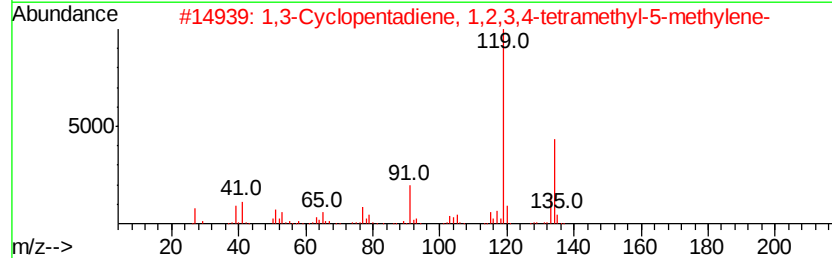
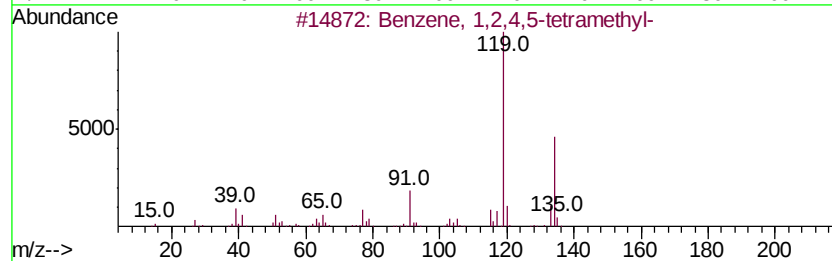
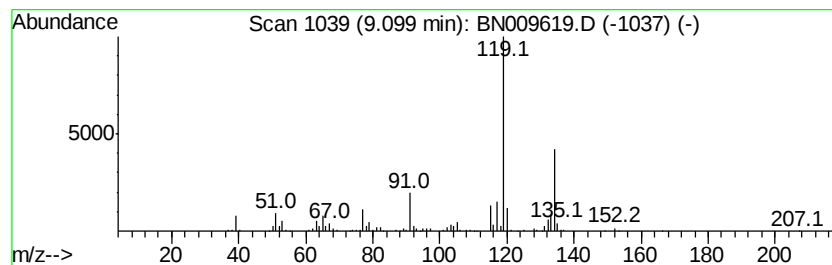
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	2.35 ng/ul	1430000	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3		o-Cymene	134	C10H14	000527-84-4	93
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



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ClientSampleId :
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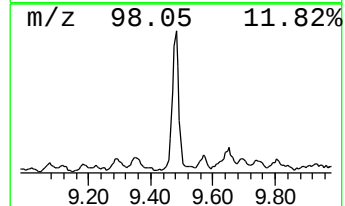
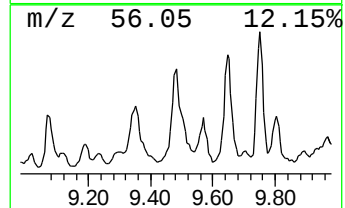
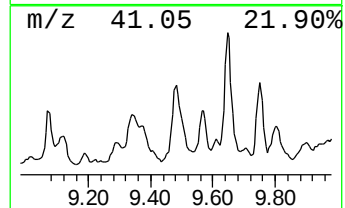
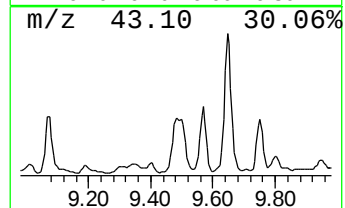
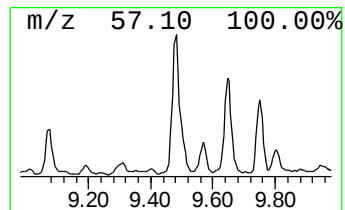
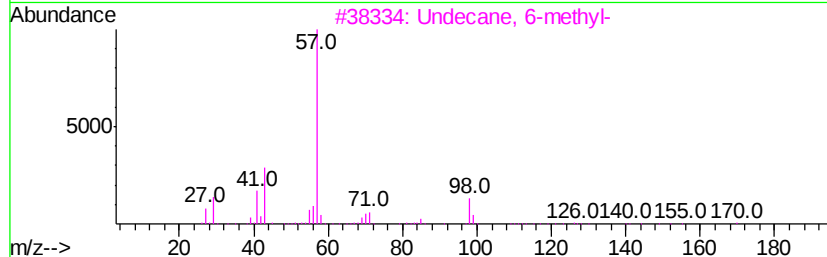
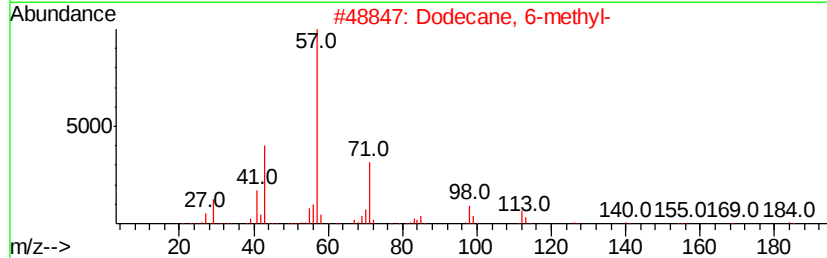
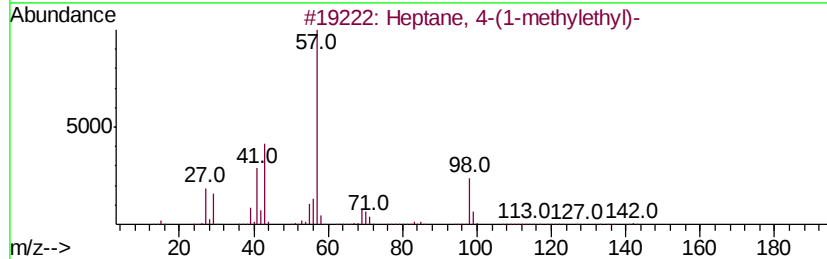
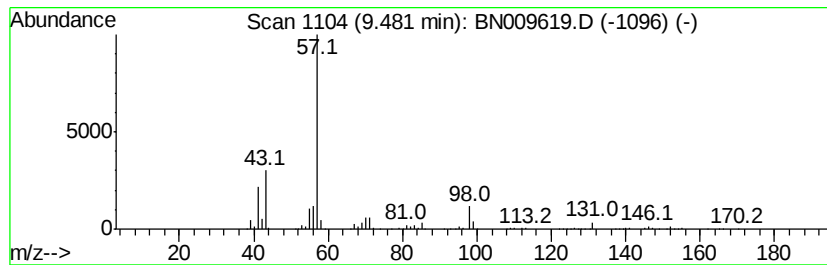
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	3.10 ng/ul	1887630	Naphthalene-d8	10.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	52
4		Heptane, 4-propyl-	142	C10H22	003178-29-8	45
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43



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Data File : BN009619.D
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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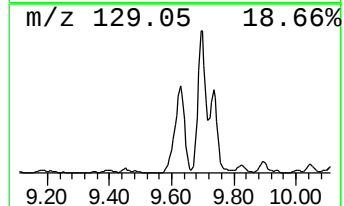
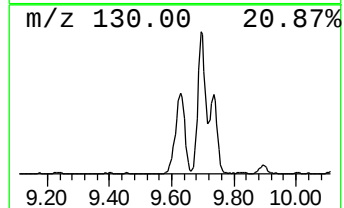
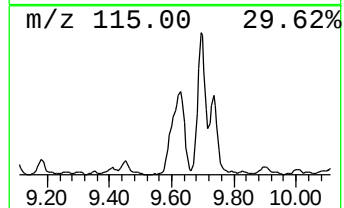
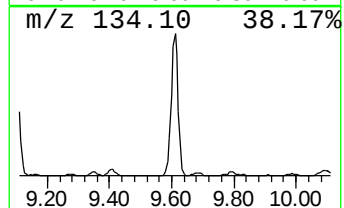
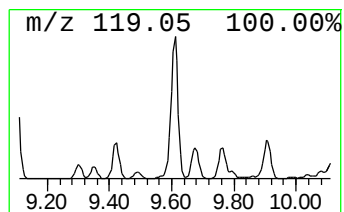
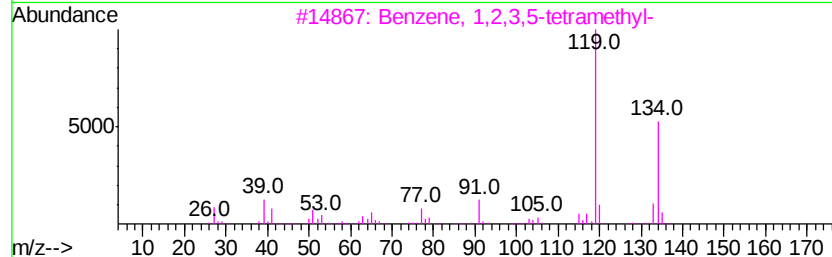
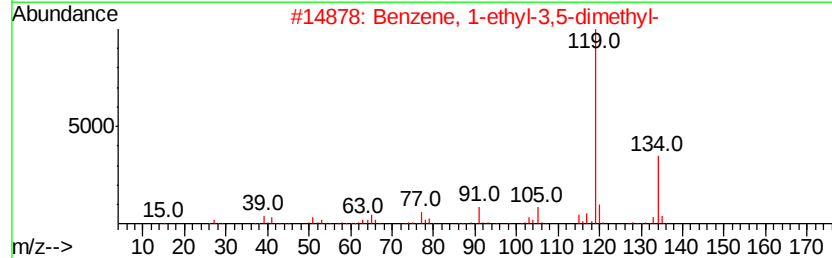
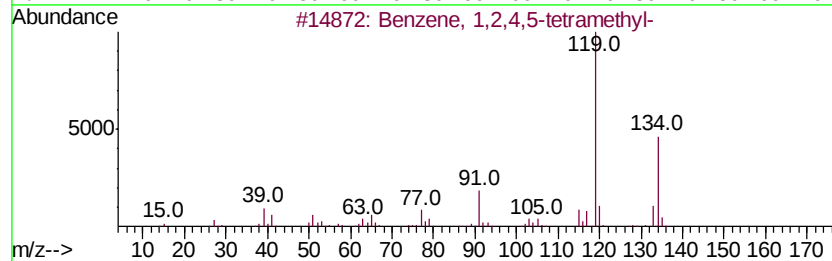
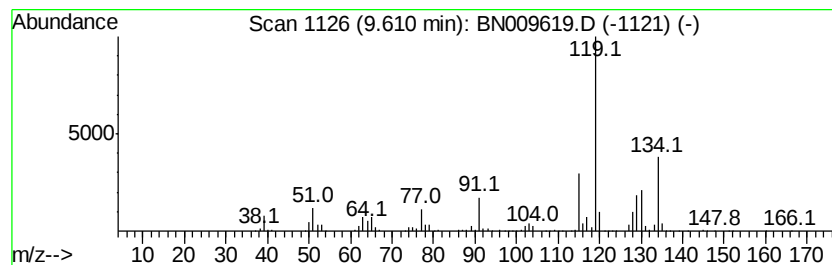
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	4.32 ng/ul	2635370	Napthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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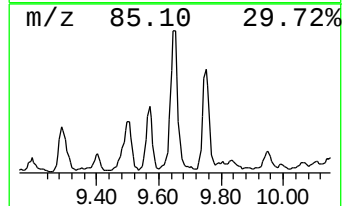
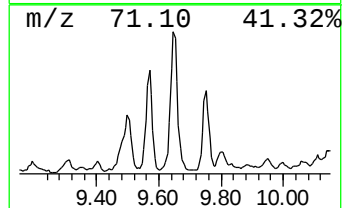
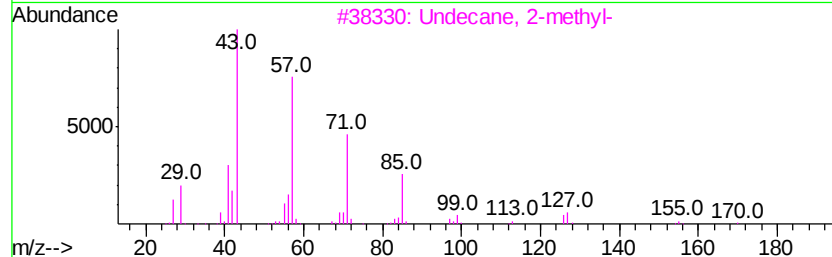
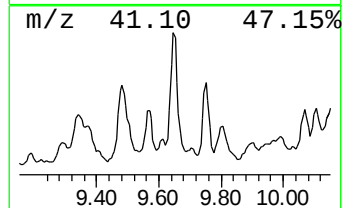
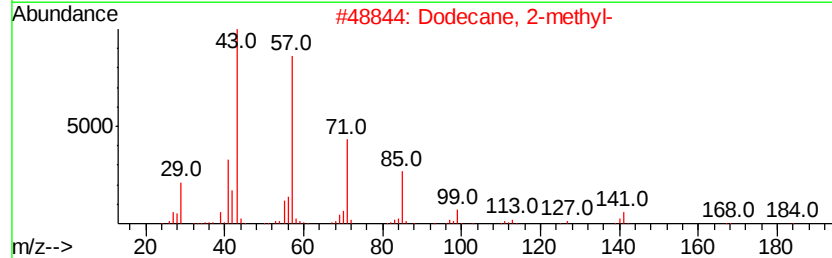
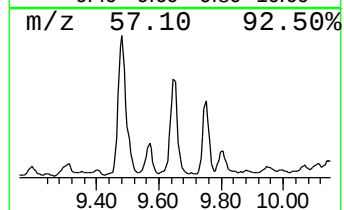
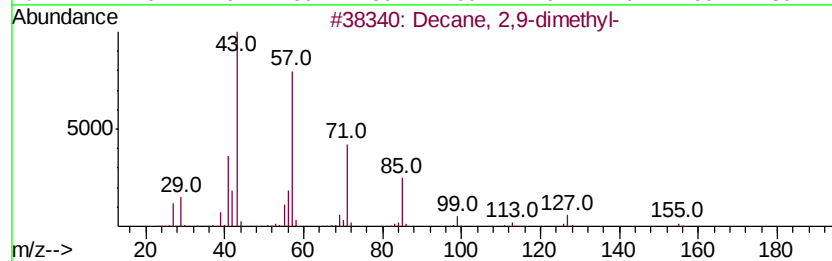
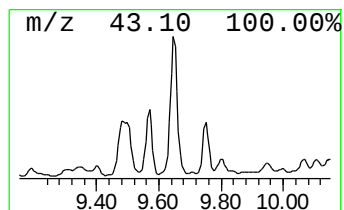
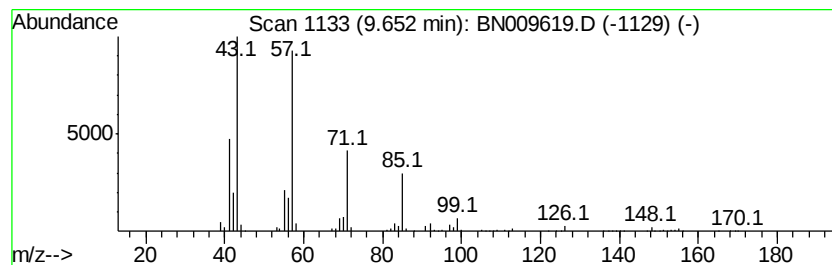
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	3.80 ng/ul	2316410	Napthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	83
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	78
4		Hexadecane	226	C16H34	000544-76-3	72
5		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	64



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Data File : BN009619.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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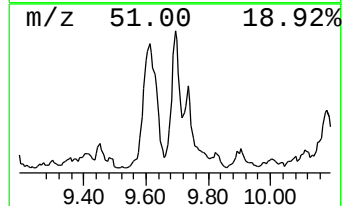
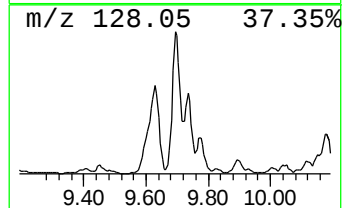
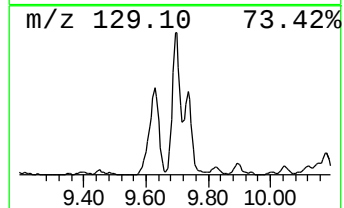
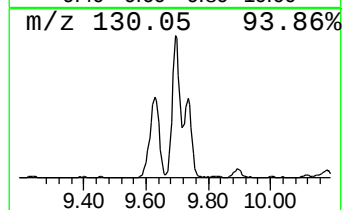
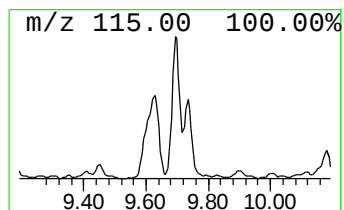
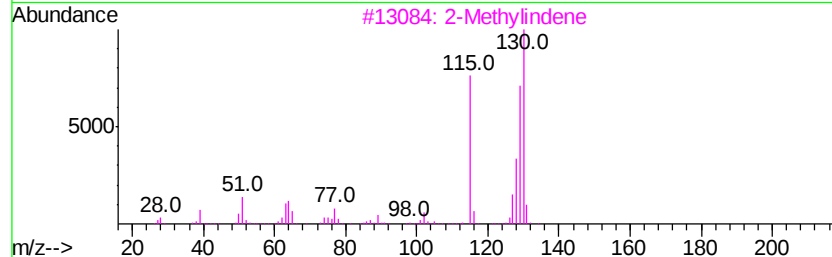
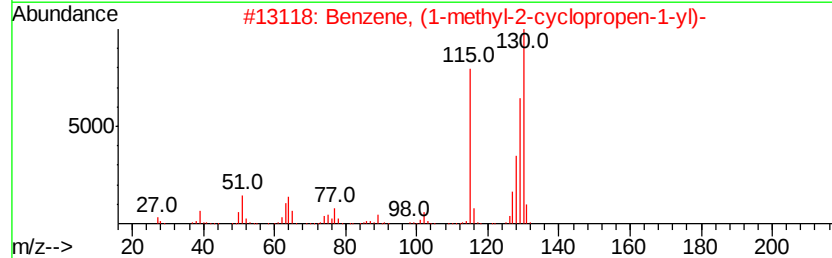
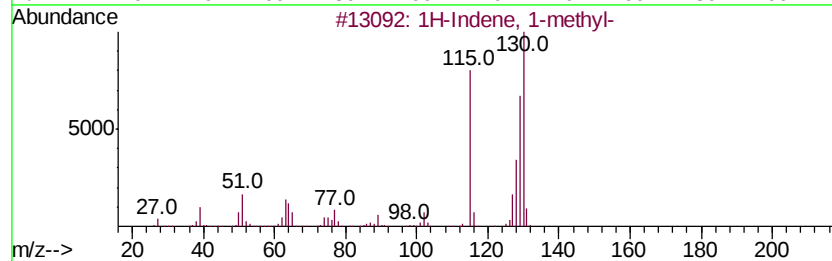
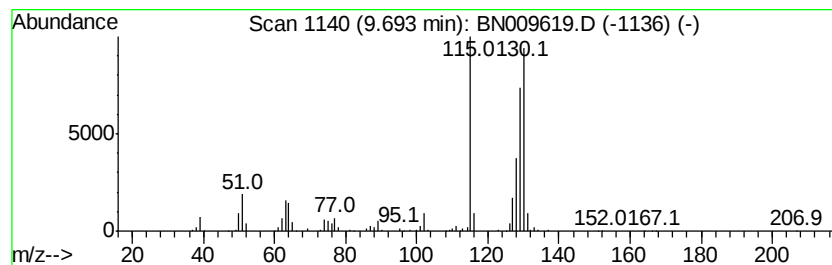
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1H-Indene, 1-methyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	3.47 ng/ul	2113170	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3		2-Methylindene	130	C10H10	002177-47-1	96
4		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95



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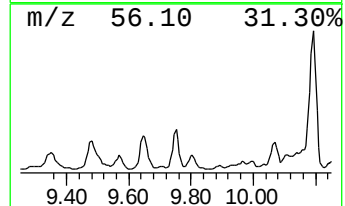
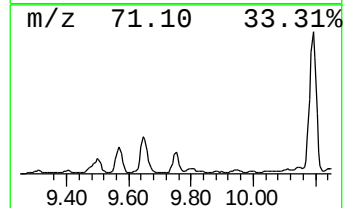
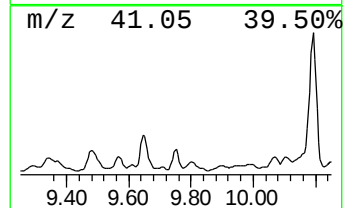
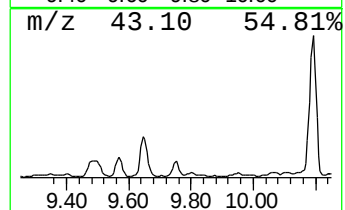
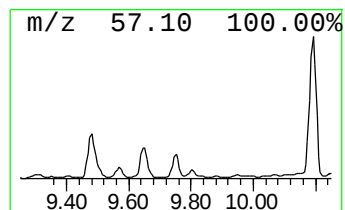
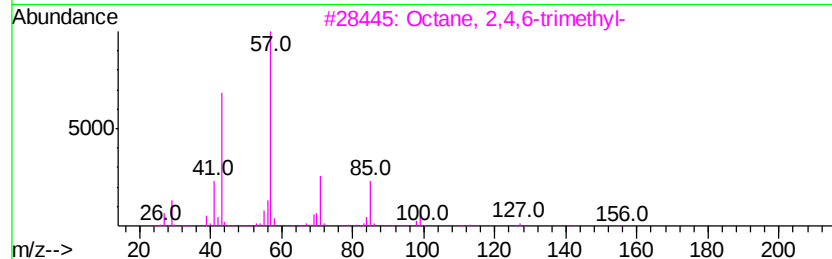
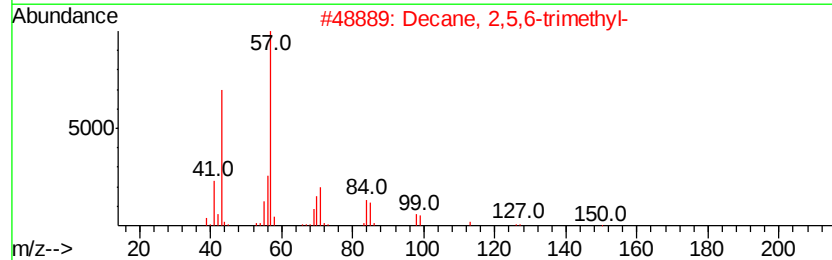
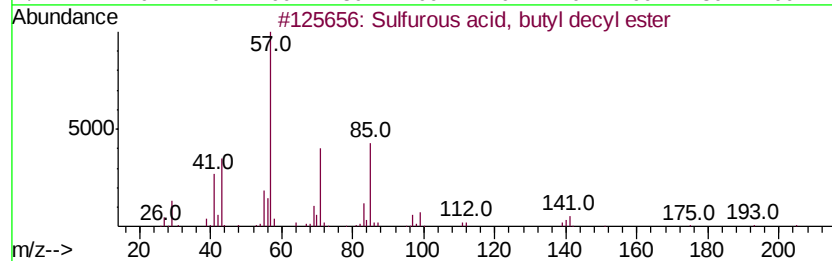
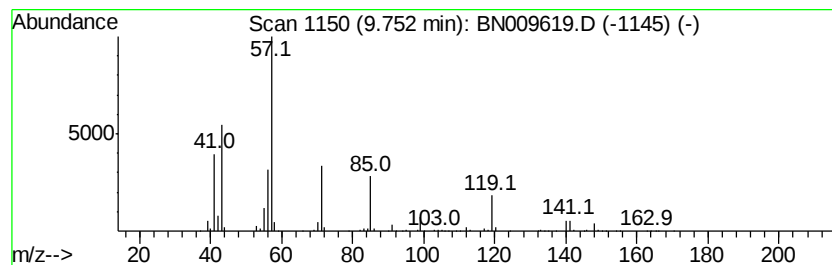
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Sulfurous acid, butyl decyl... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	2.82 ng/ul	1718550	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	59
2		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
4		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47
5		Decane, 4-ethyl-	170	C12H26	001636-44-8	47



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Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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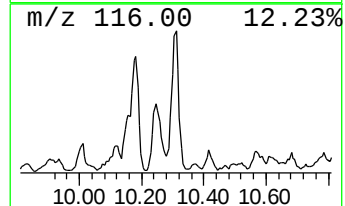
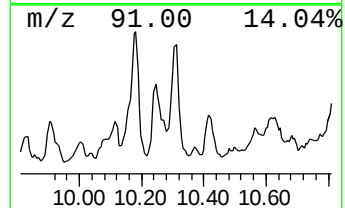
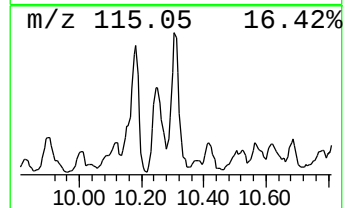
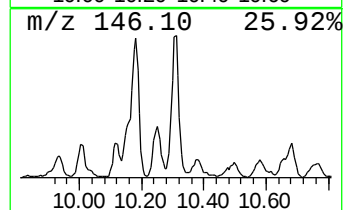
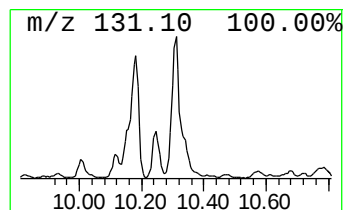
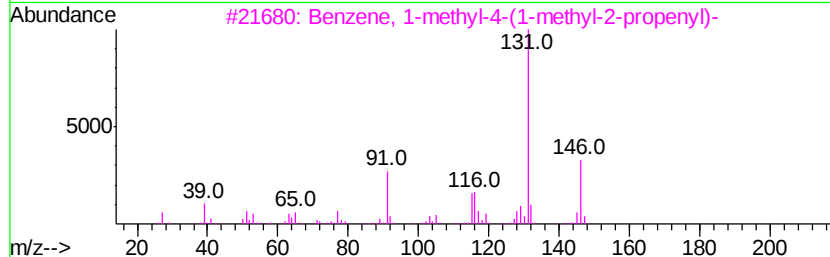
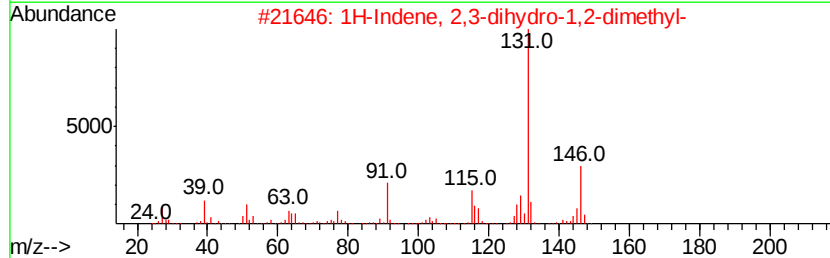
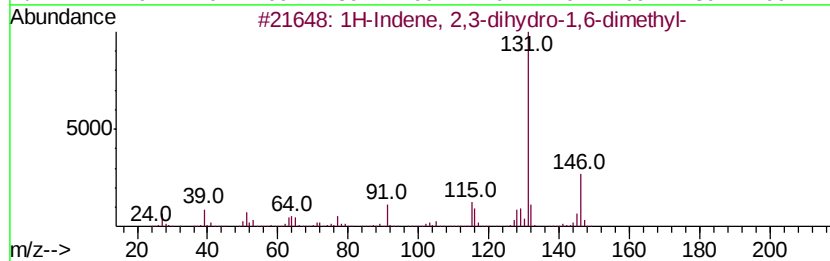
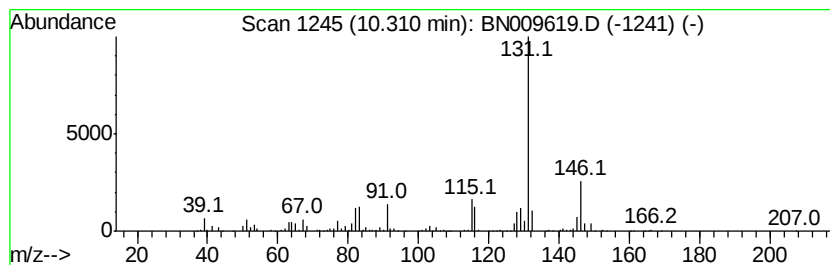
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	3.88 ng/ul	2367360	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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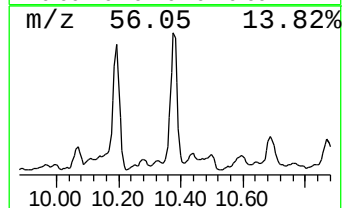
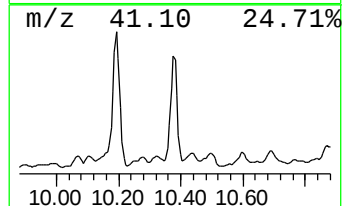
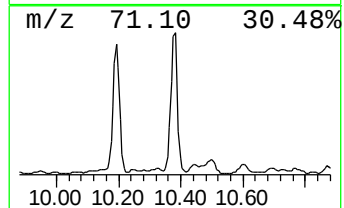
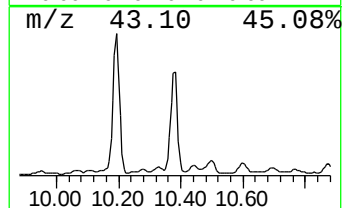
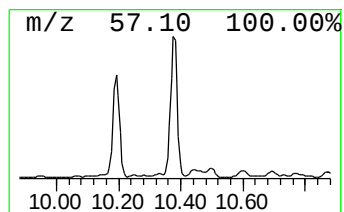
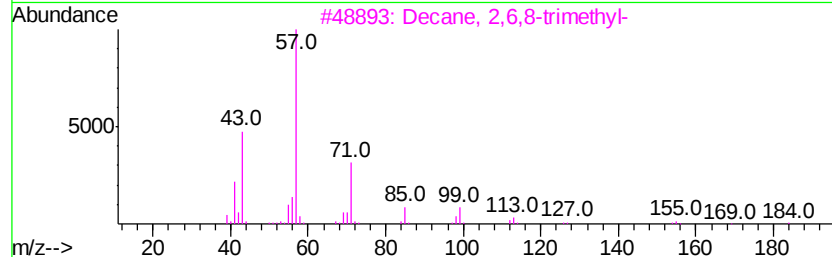
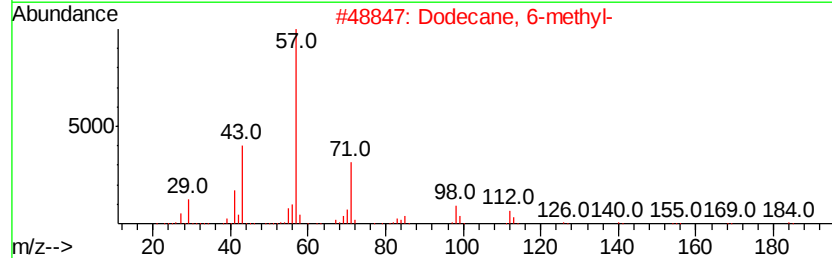
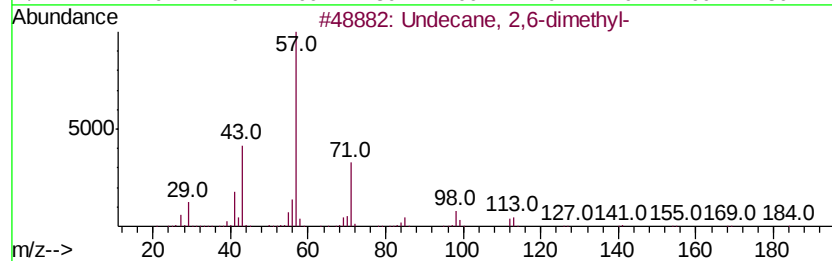
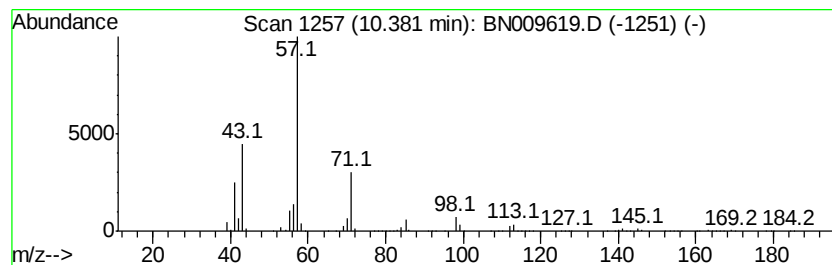
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	12.39 ng/ul	7557360	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
4		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

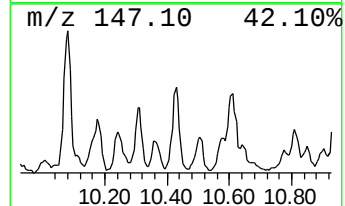
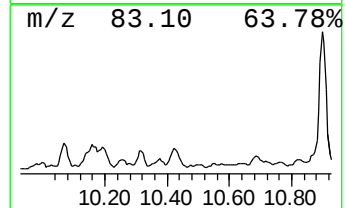
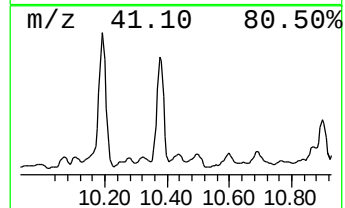
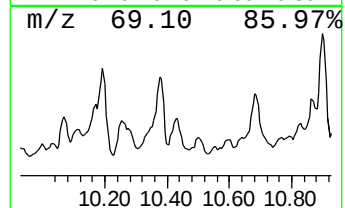
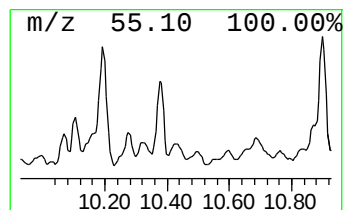
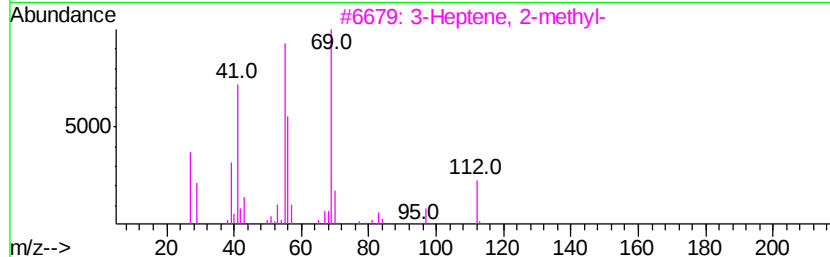
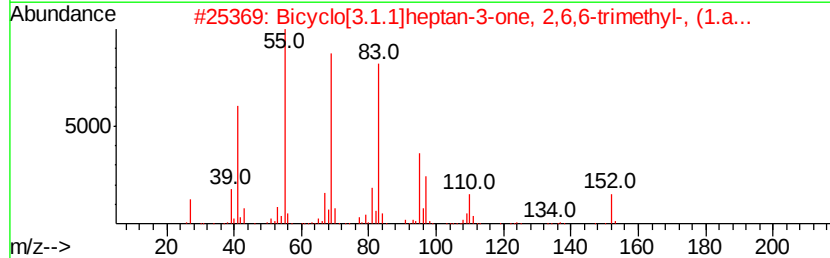
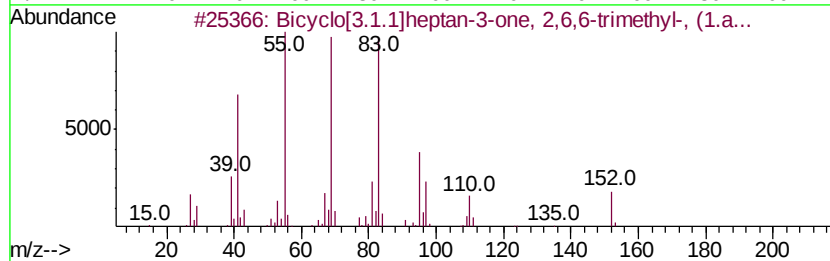
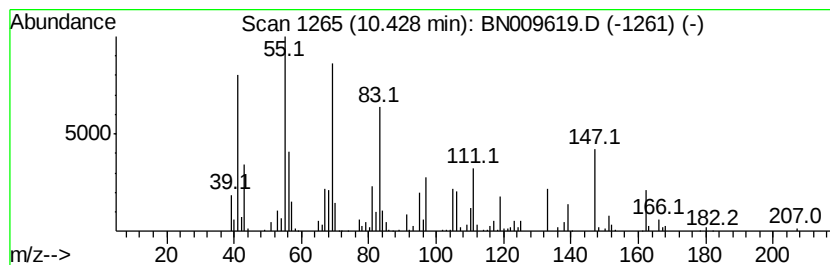
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown-01 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.22 ng/ul	1350980	Naphthalene-d8	10.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152 C10H16O	015358-88-0 35
2		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152 C10H16O	015358-88-0 35
3		3-Heptene, 2-methyl-	112 C8H16	017618-76-7 30
4		Cyclohexane, 3-ethyl-5-methyl-1-...	168 C12H24	1000151-39-5 27
5		Cyclopentane, 1-butyl-2-ethyl-	154 C11H22	072993-32-9 27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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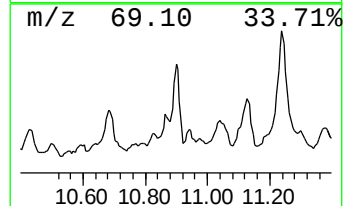
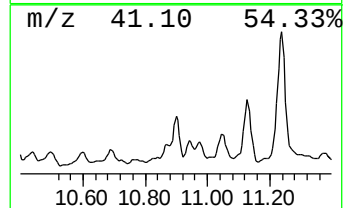
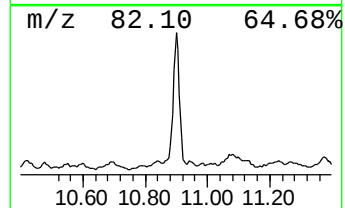
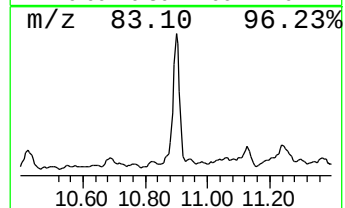
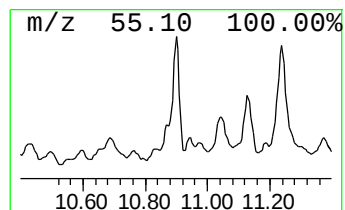
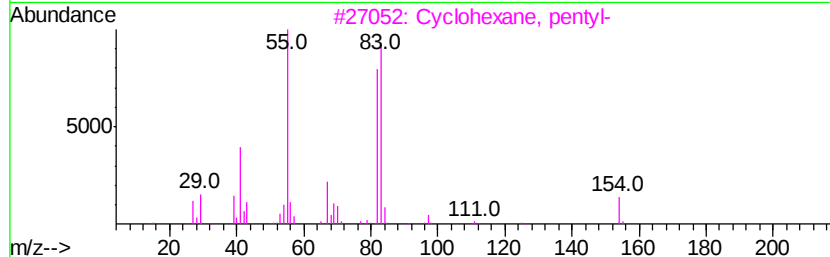
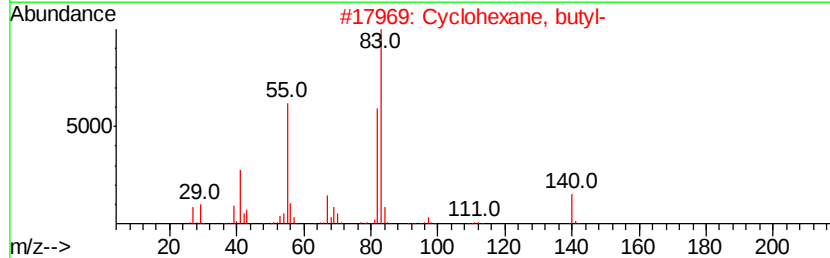
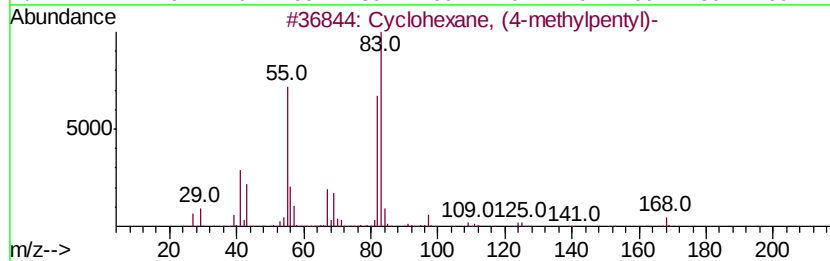
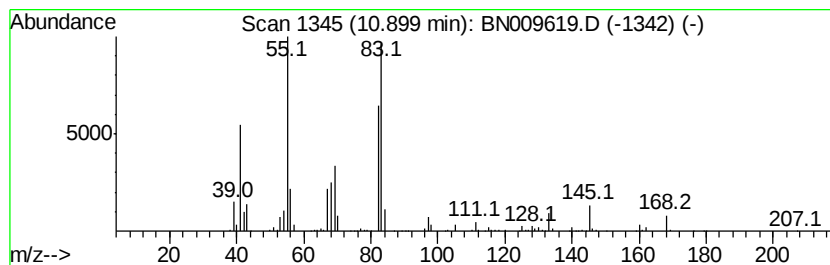
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic10.90 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.36 ng/ul	2046410	Napthalene-d8	10.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	74
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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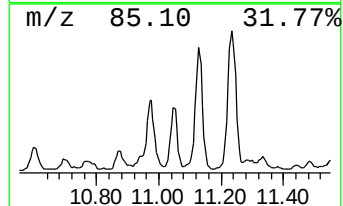
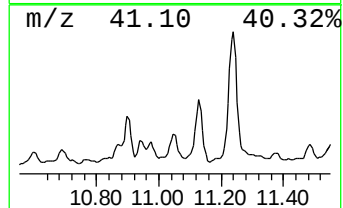
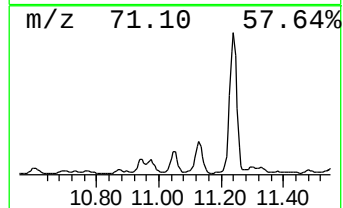
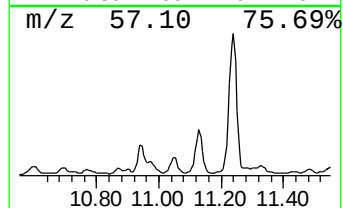
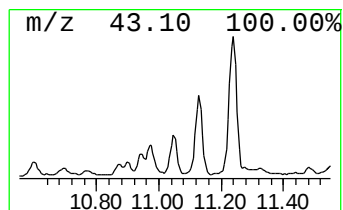
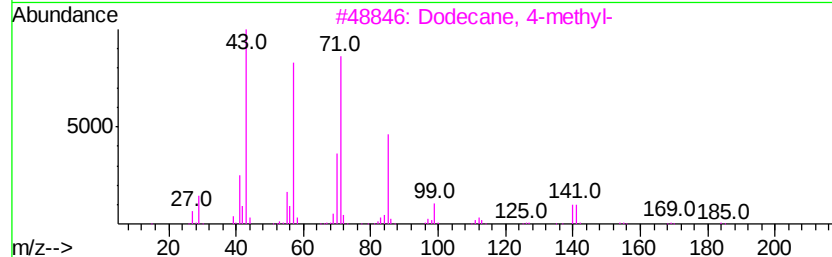
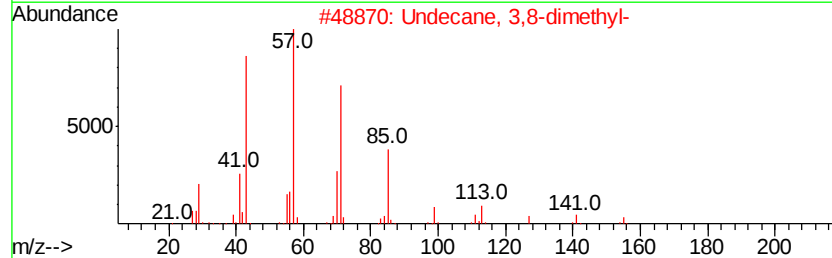
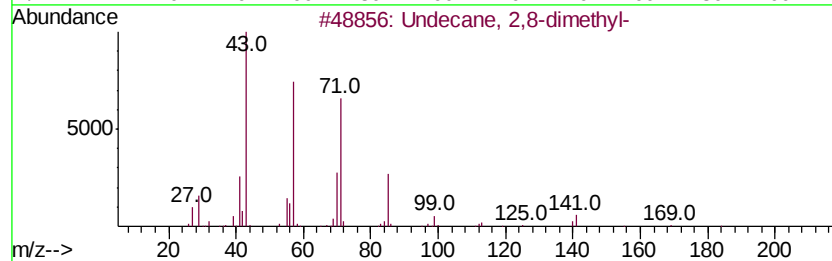
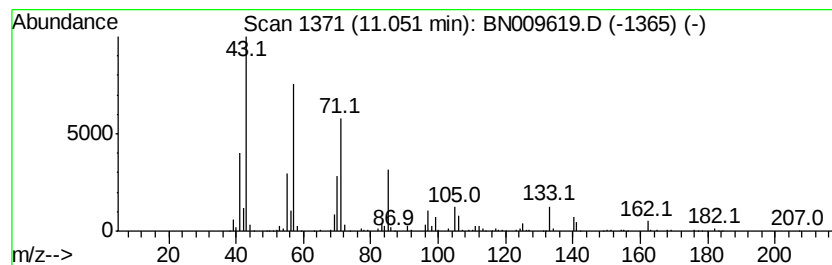
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	3.07 ng/ul	1872340	Napthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	58
2		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	50
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	50
4		Decane, 5-propyl-	184	C13H28	017312-62-8	49
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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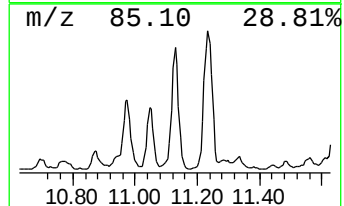
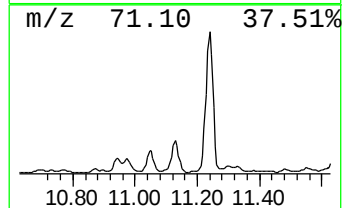
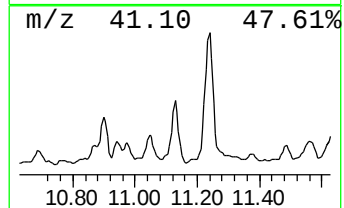
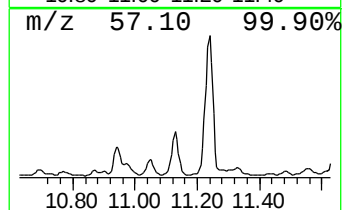
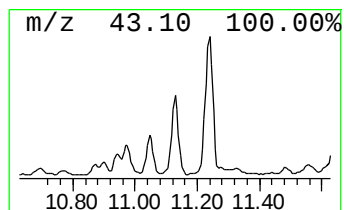
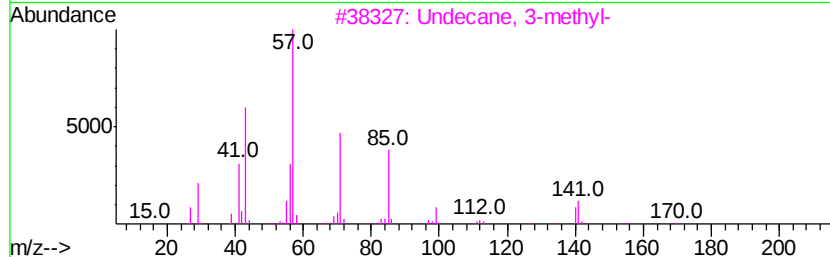
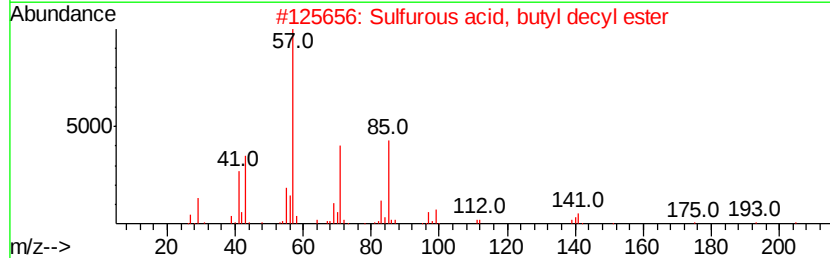
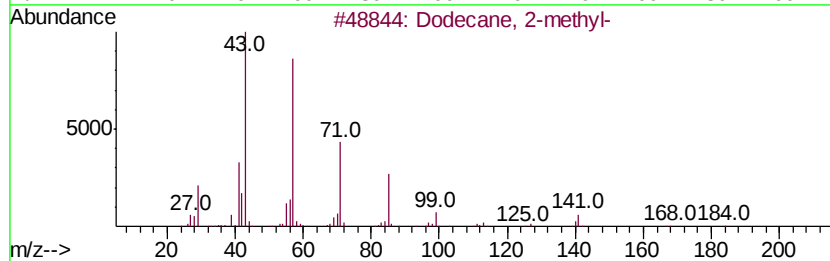
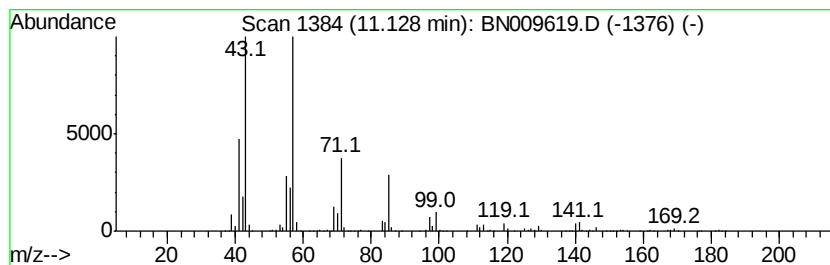
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	7.30 ng/ul	4449150	Napthalene-d8	10.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
2			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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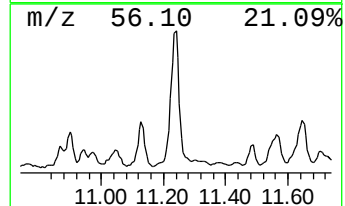
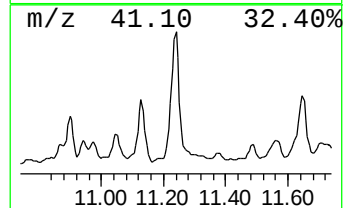
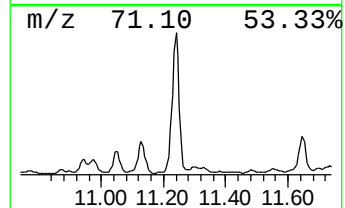
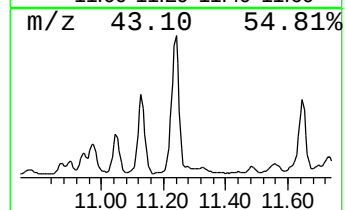
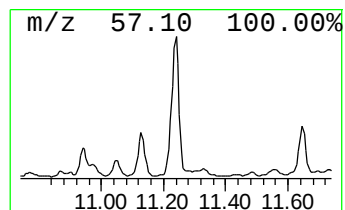
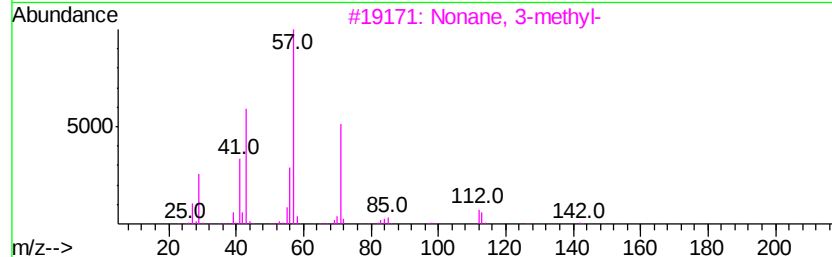
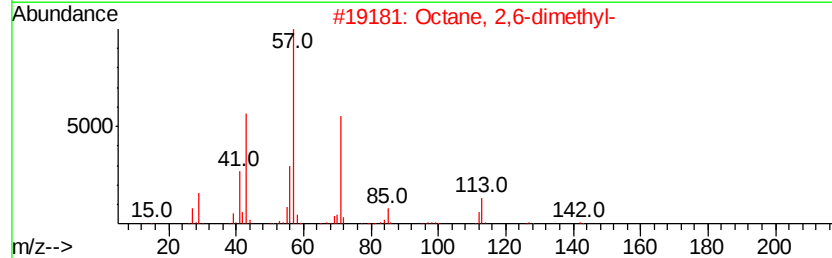
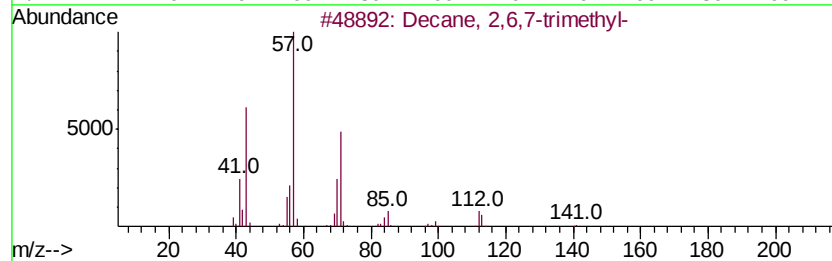
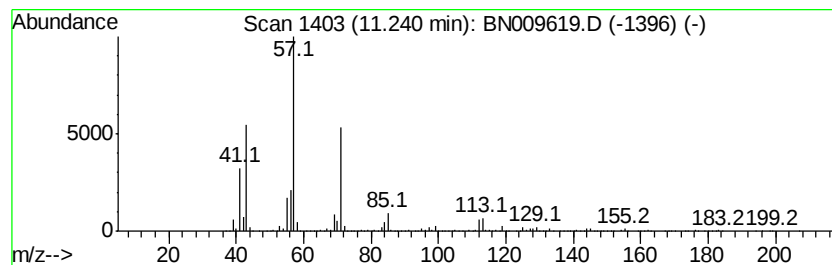
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	16.83 ng/ul	10261100	Napthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	86
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5		Octane, 2-methyl-	128	C9H20	003221-61-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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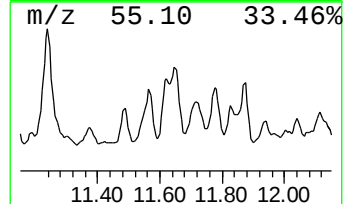
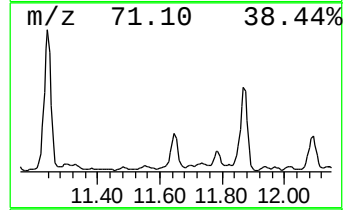
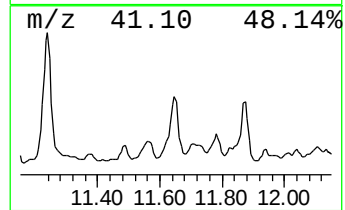
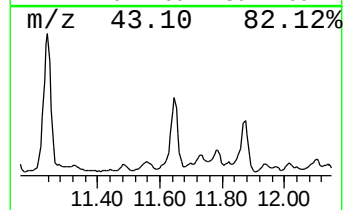
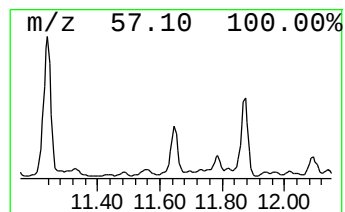
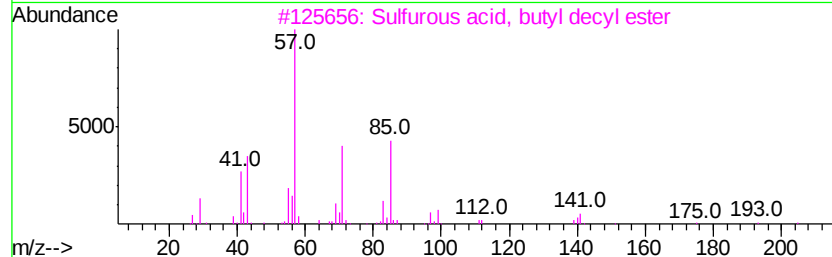
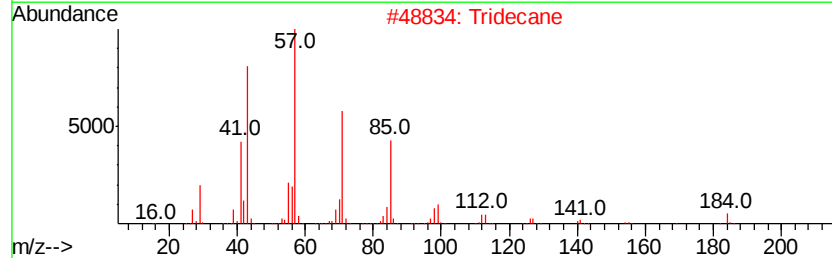
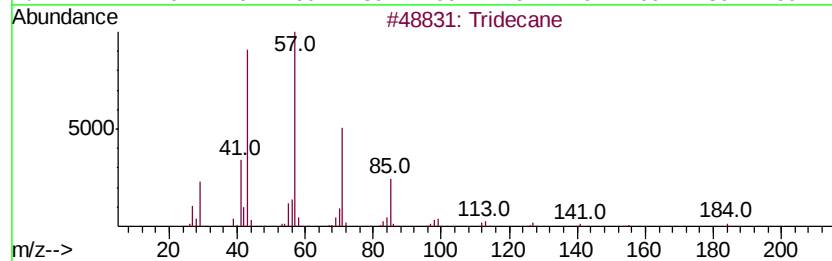
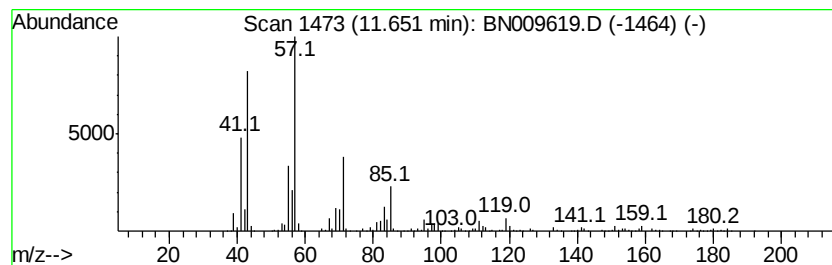
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	8.81 ng/ul	5372980	Naphthalene-d8	10.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Tridecane	184	C13H28	000629-50-5	76
3			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	59
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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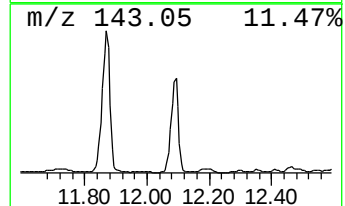
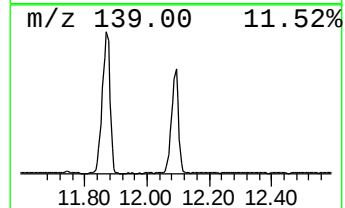
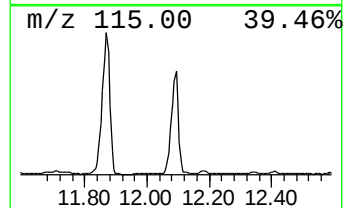
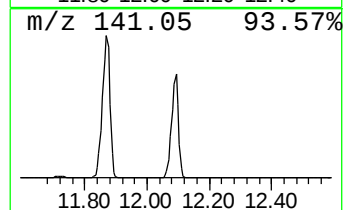
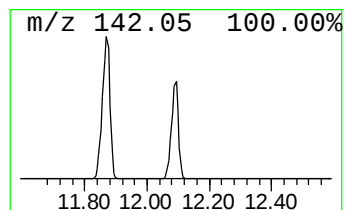
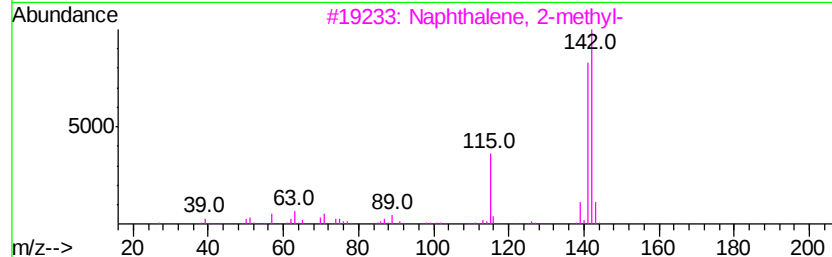
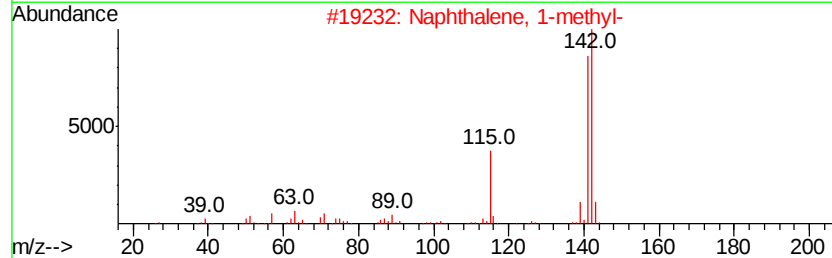
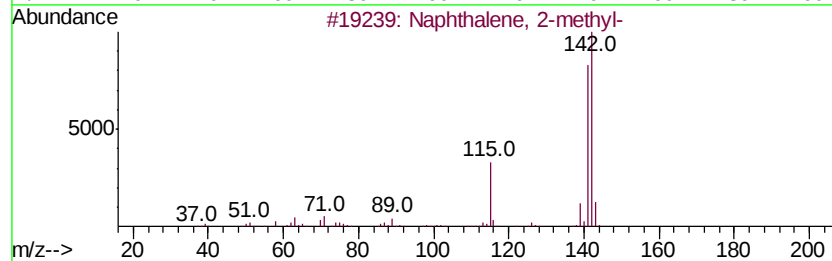
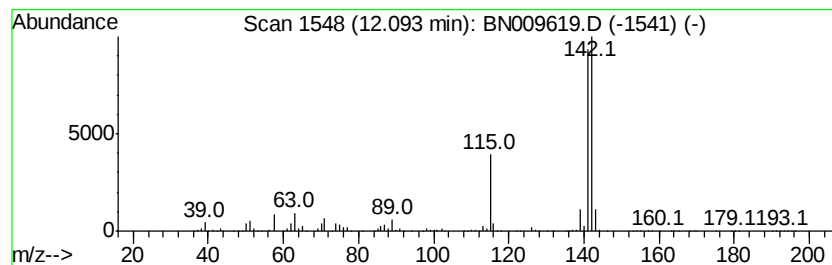
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	25.25 ng/ul	15396300	Naphthalene-d8	10.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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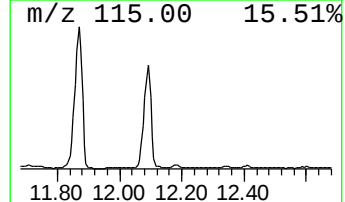
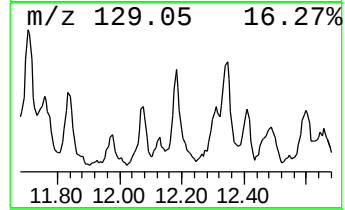
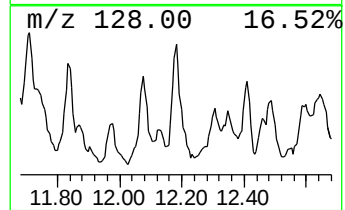
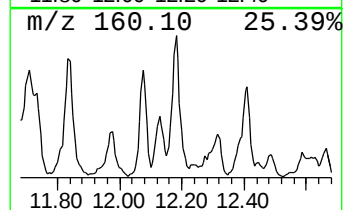
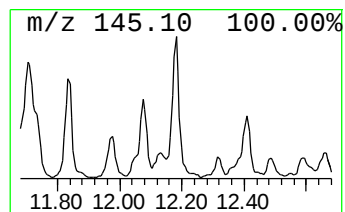
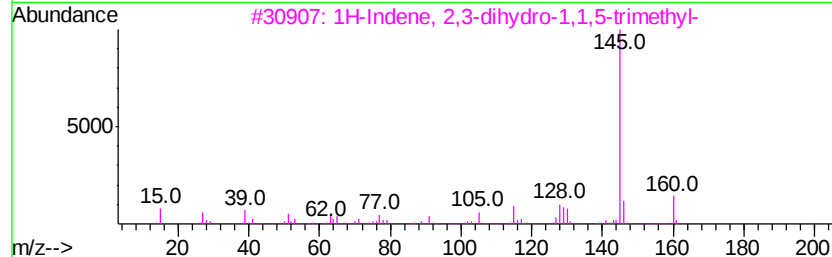
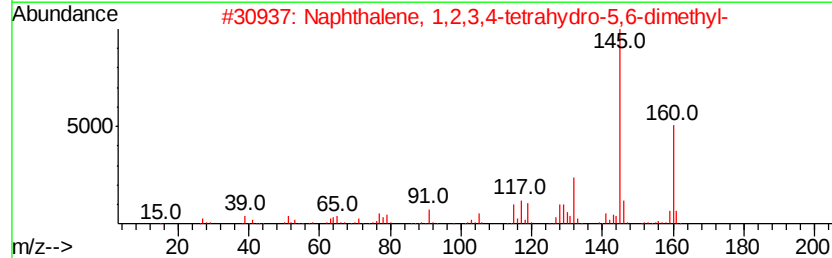
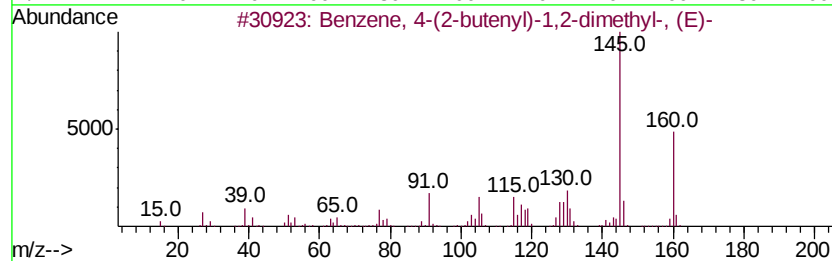
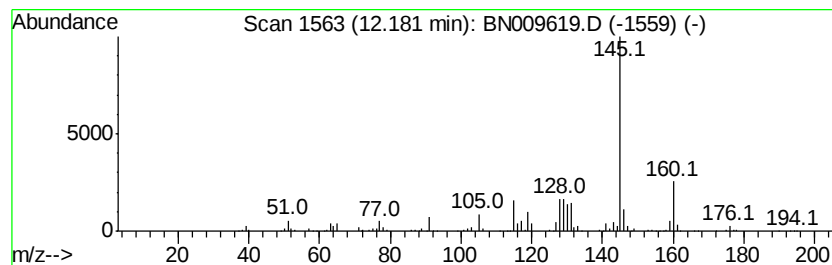
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	5.48 ng/ul	1353630	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	87
3		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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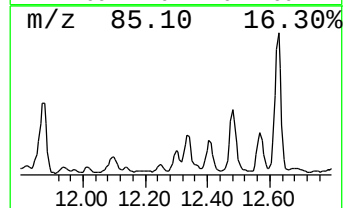
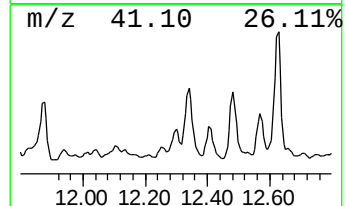
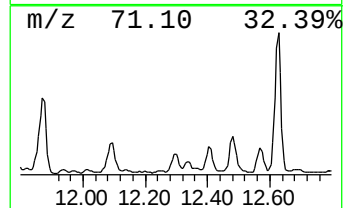
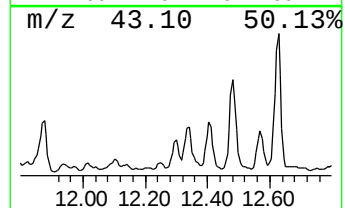
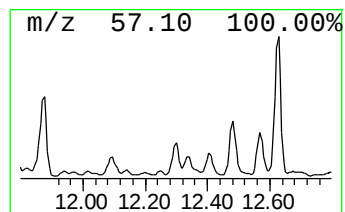
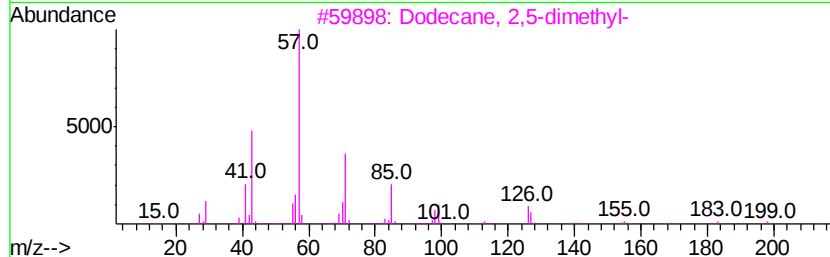
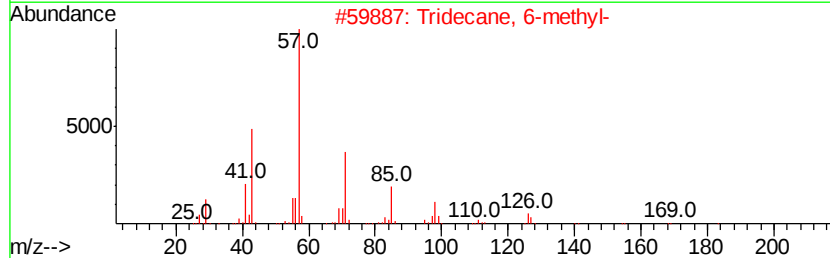
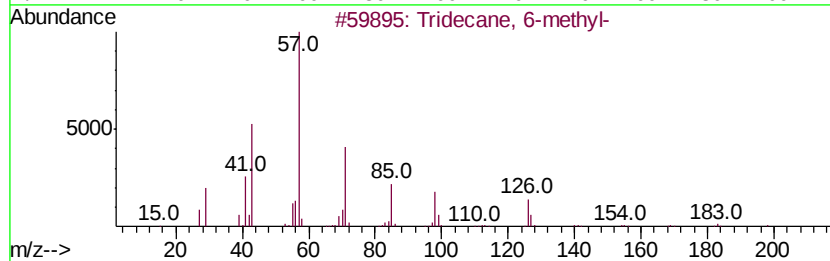
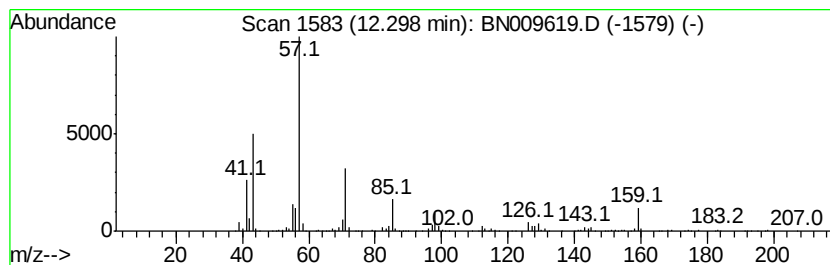
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	7.88 ng/ul	1946470	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
3			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	58
4			Octane, 4-ethyl-	142	C10H22	015869-86-0	53
5			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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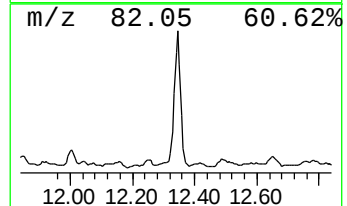
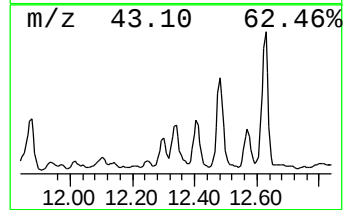
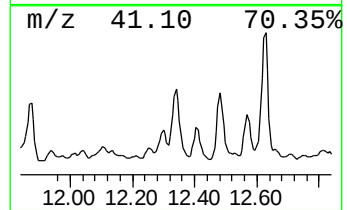
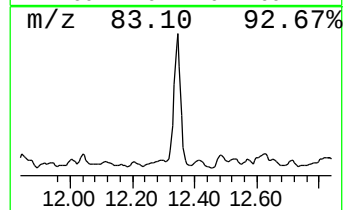
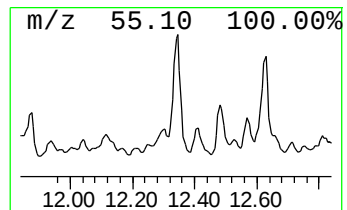
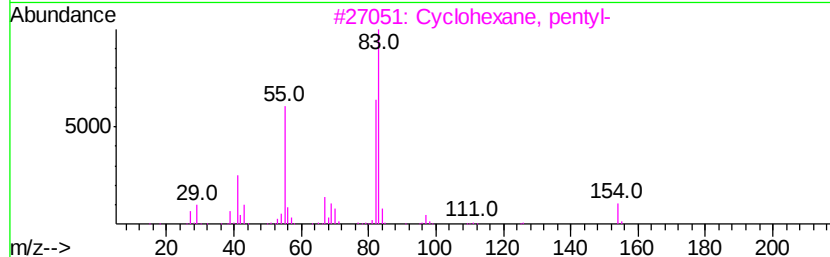
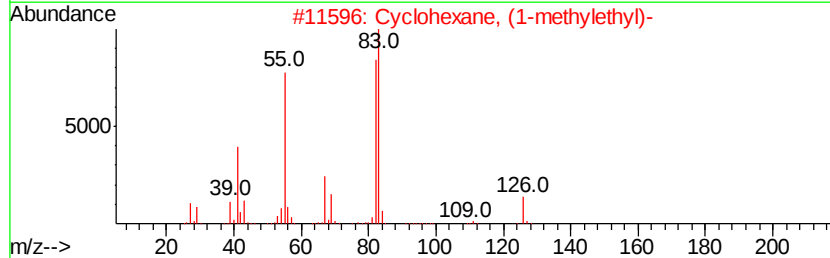
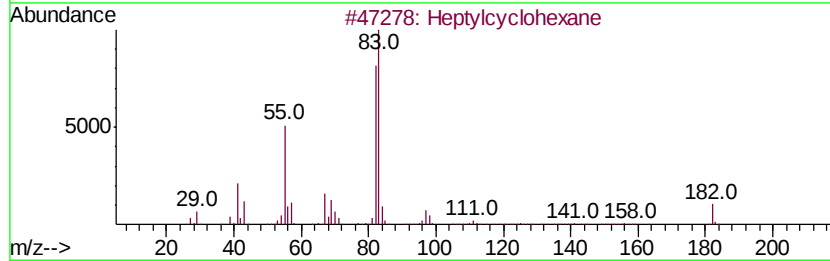
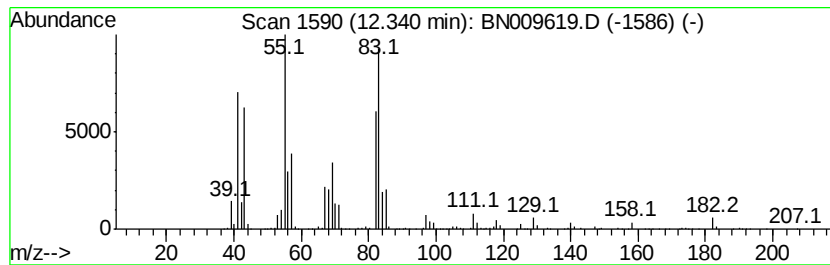
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	17.55 ng/ul	4332940	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	53
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
4			Heptylcyclohexane	182	C13H26	005617-41-4	53
5			Cyclohexane, hexyl-	168	C12H24	004292-75-5	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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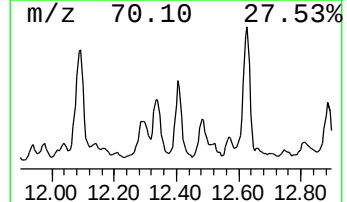
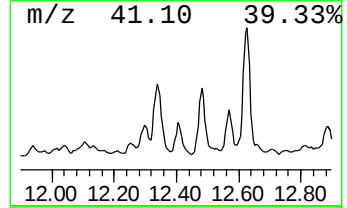
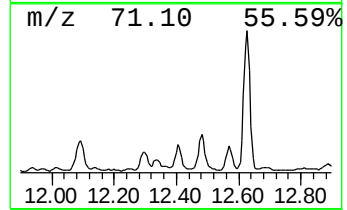
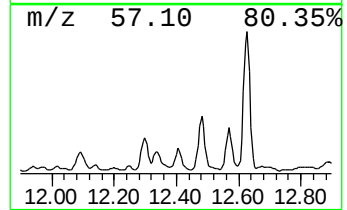
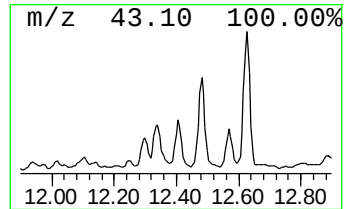
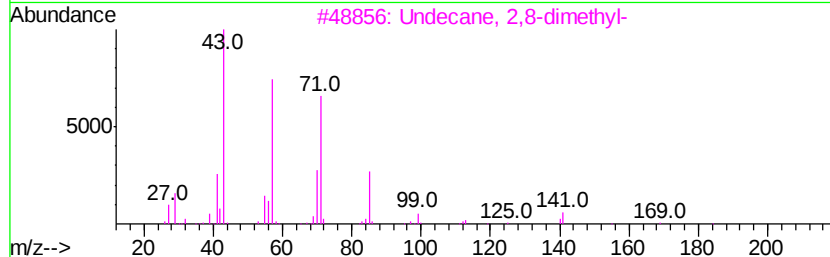
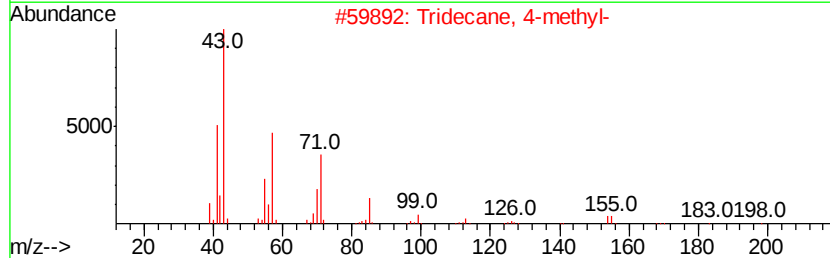
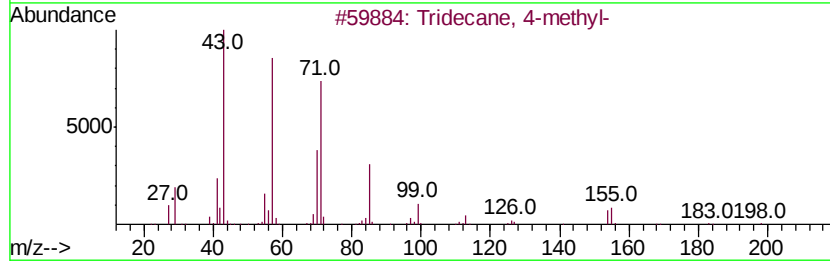
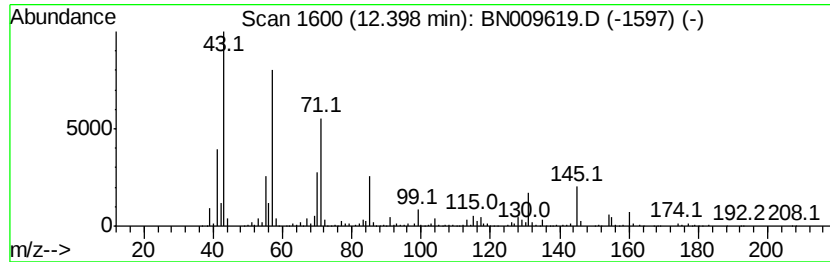
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	10.50 ng/ul	2592480	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	94
2			Tridecane, 4-methyl-	198	C14H30	026730-12-1	83
3			Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	52
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	49
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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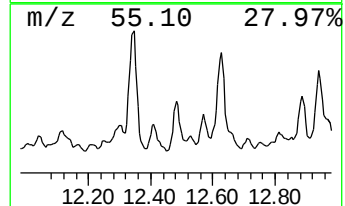
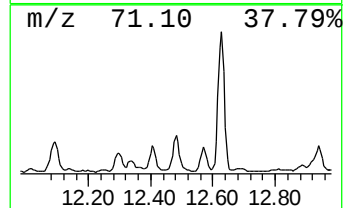
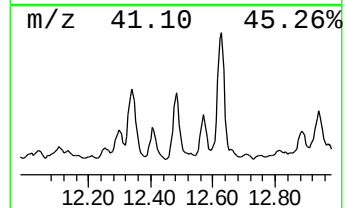
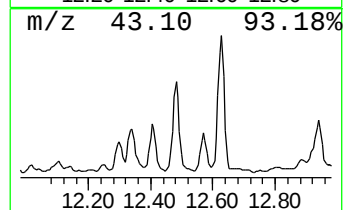
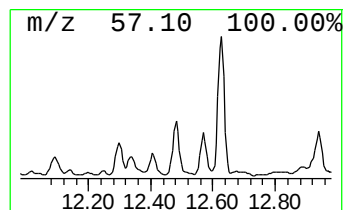
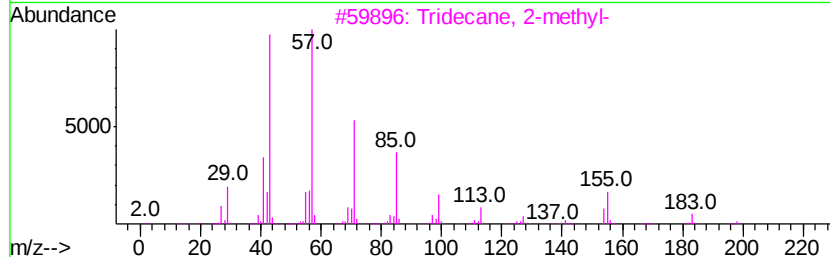
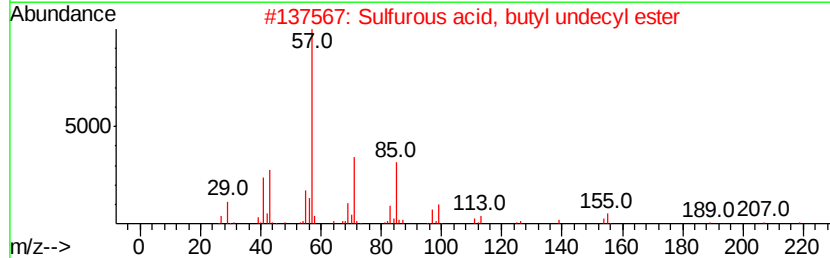
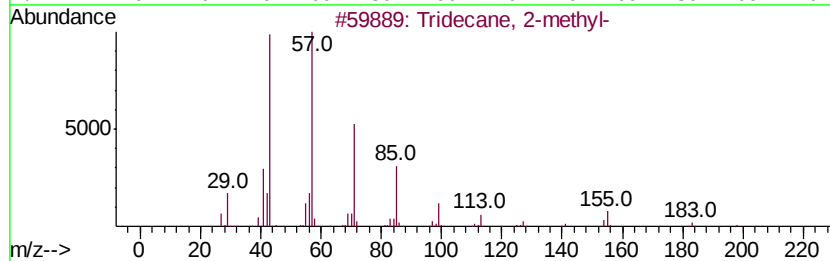
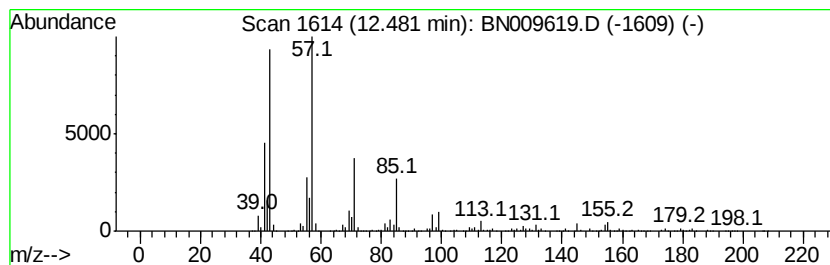
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	18.60 ng/ul	4591090	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	95
2			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	83
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
4			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	78
5			Octacosane	394	C28H58	000630-02-4	72



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Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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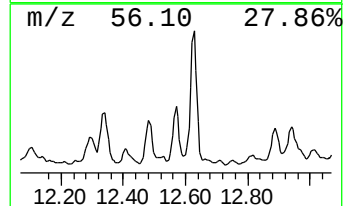
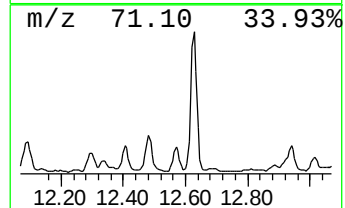
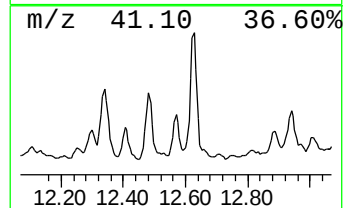
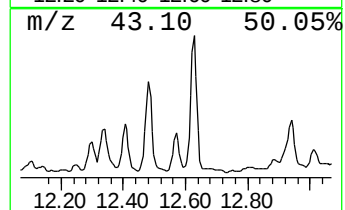
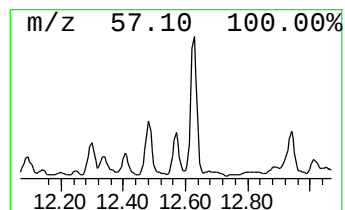
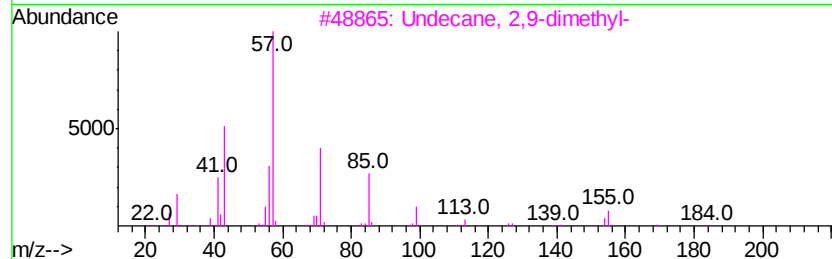
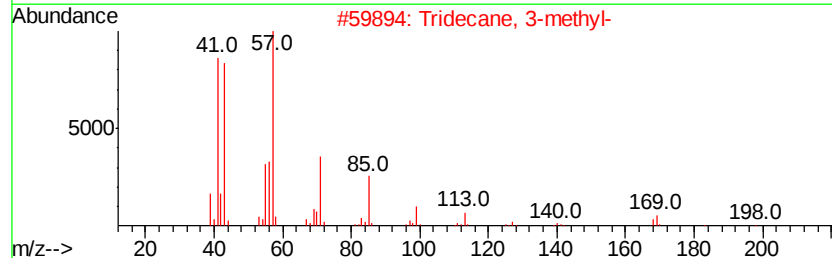
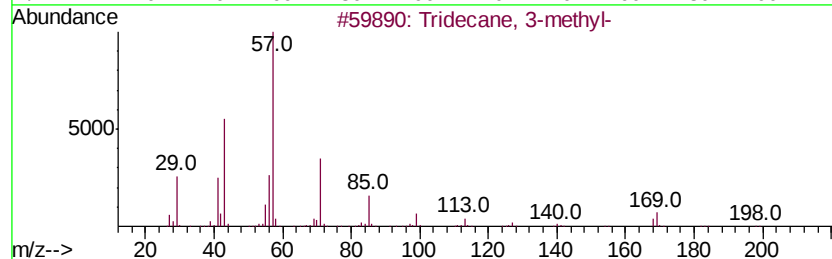
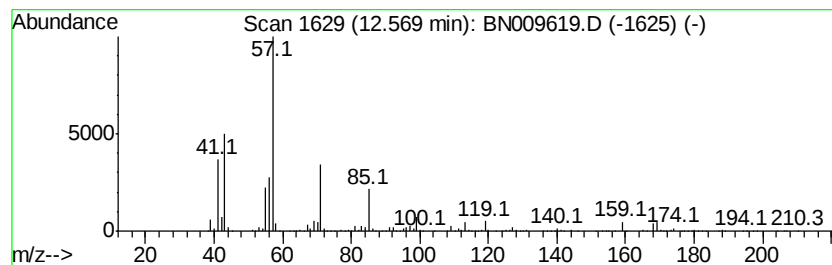
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	10.32 ng/ul	2548440	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	93
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	78
3		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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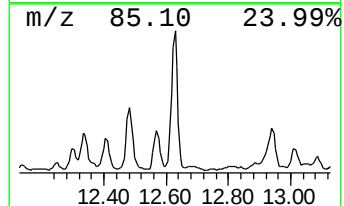
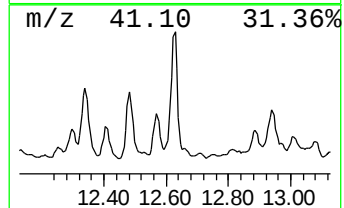
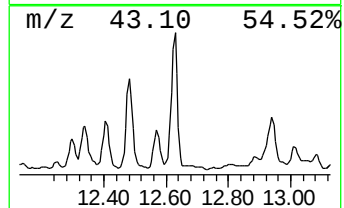
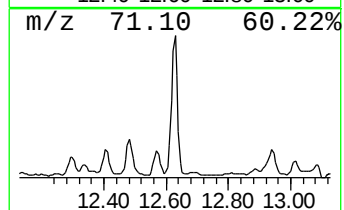
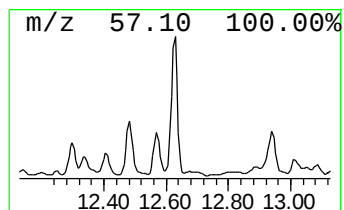
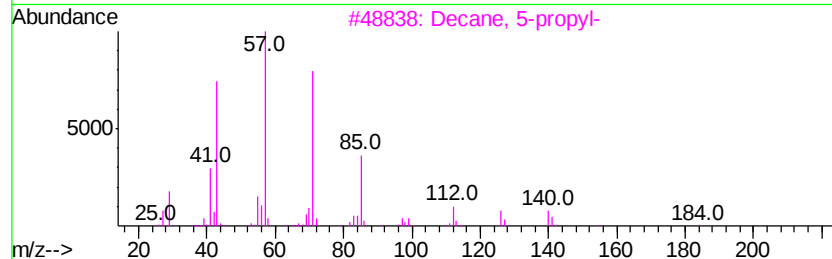
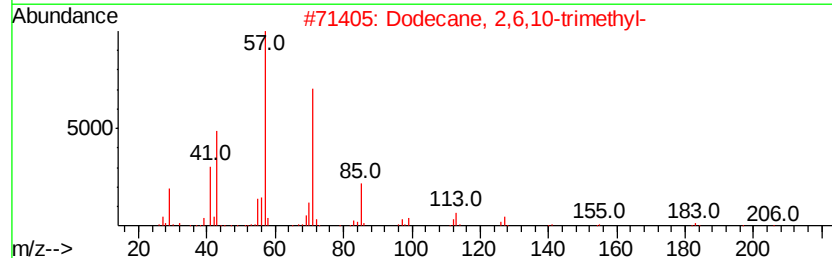
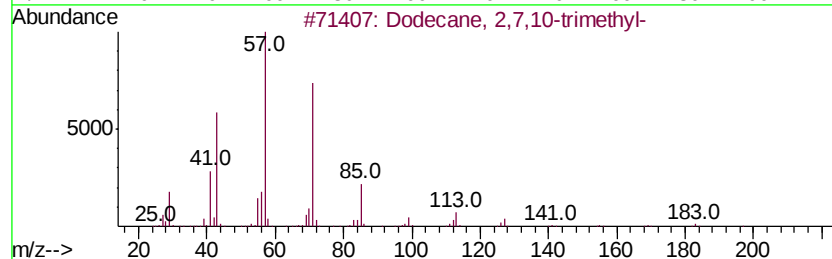
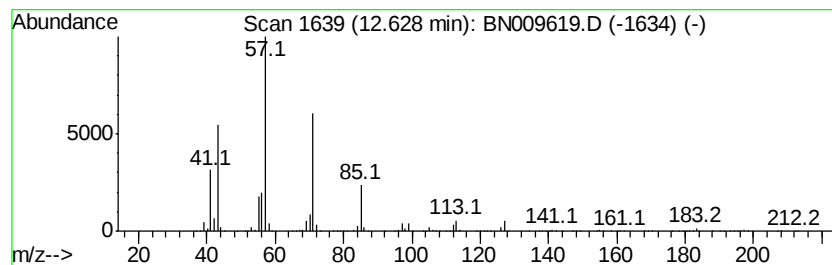
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	28.49 ng/ul	7033540	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3		Decane, 5-propyl-	184	C13H28	017312-62-8	58
4		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	53
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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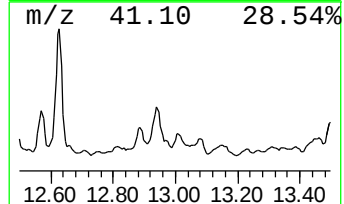
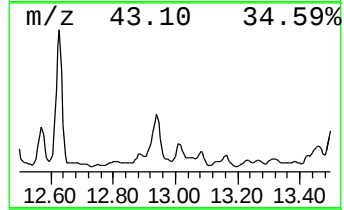
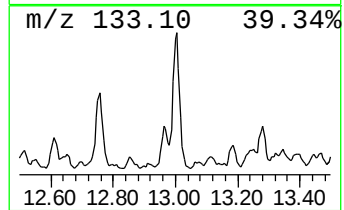
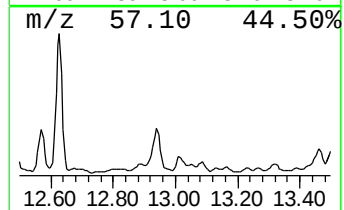
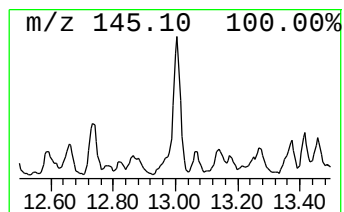
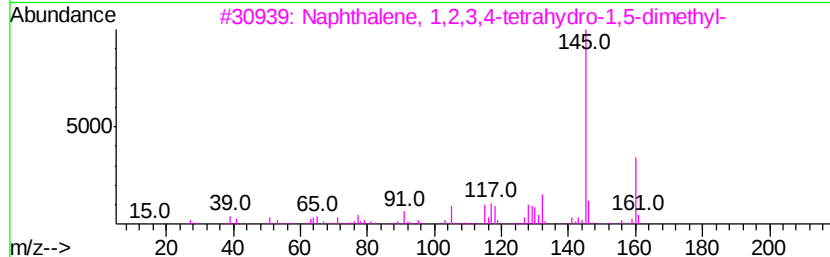
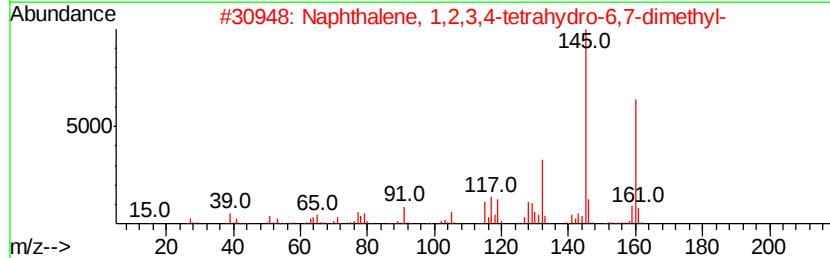
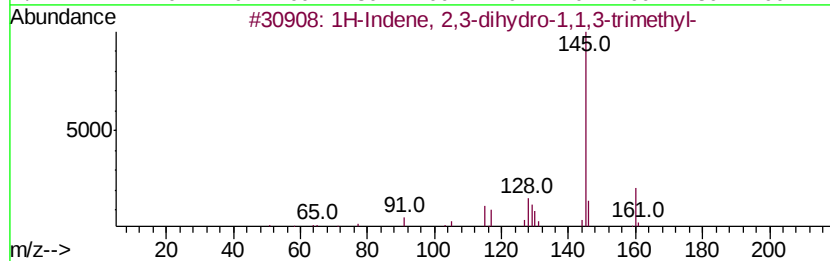
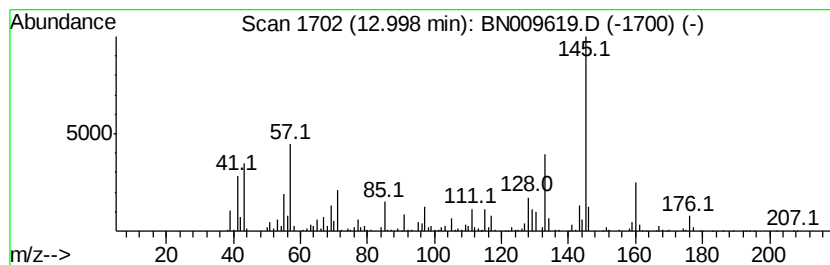
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	6.20 ng/ul	1529530	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	78
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	60
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	60
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	60
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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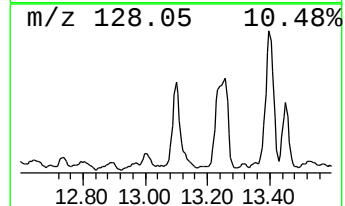
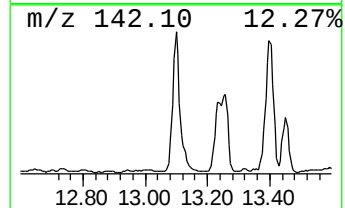
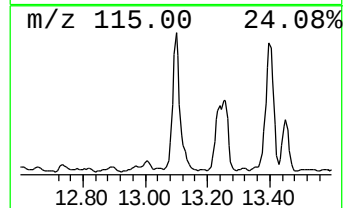
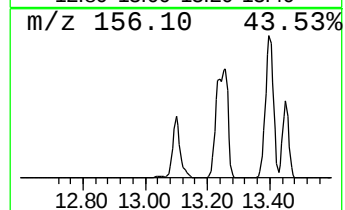
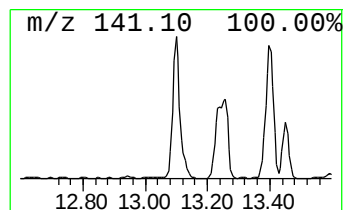
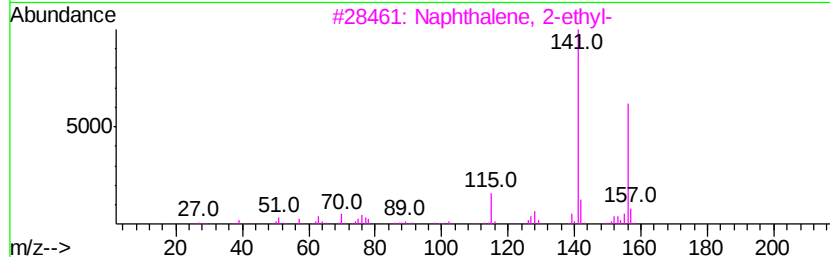
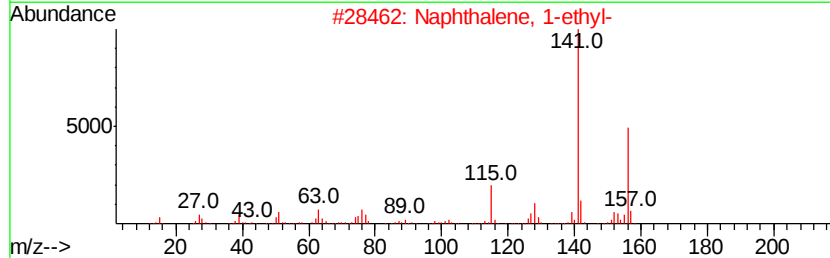
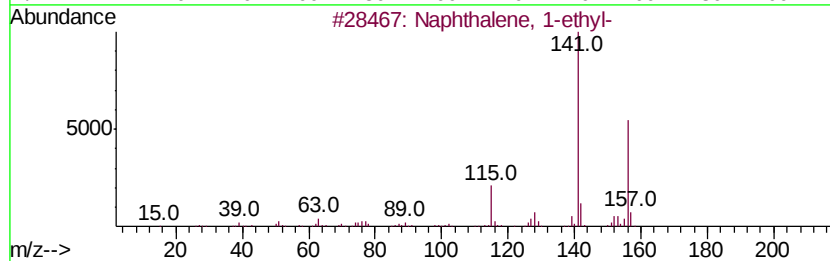
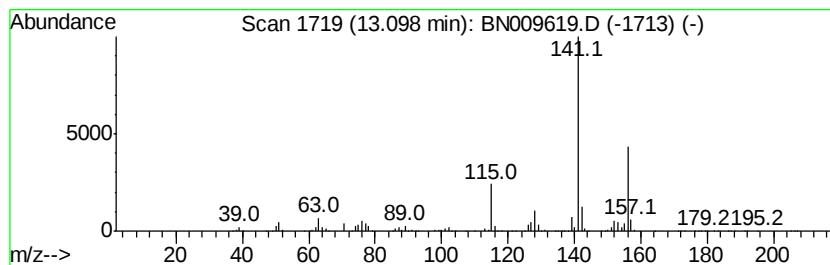
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	43.00 ng/ul	10616200	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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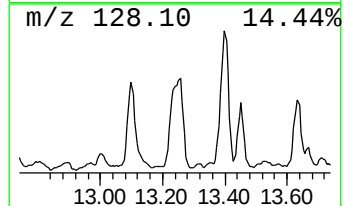
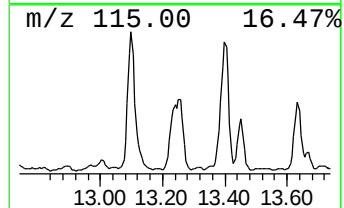
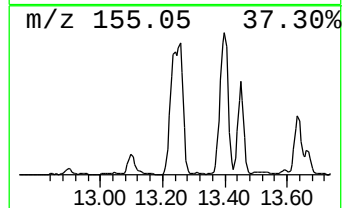
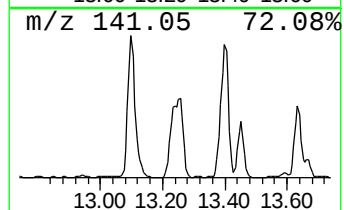
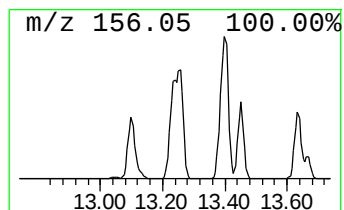
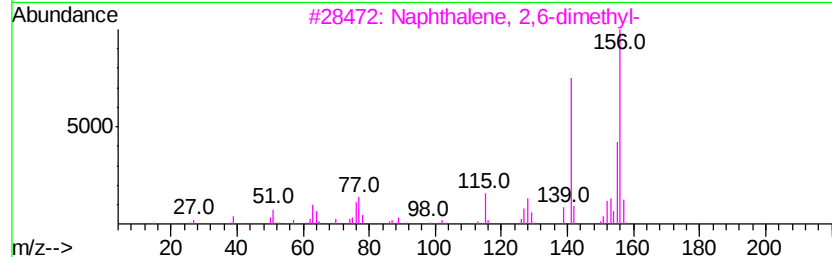
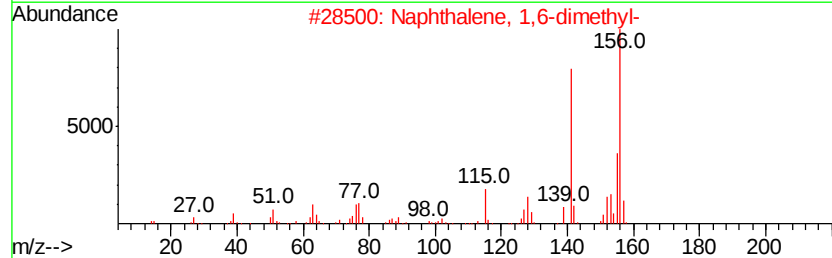
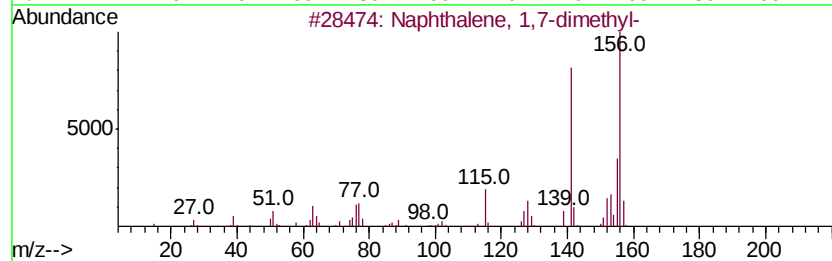
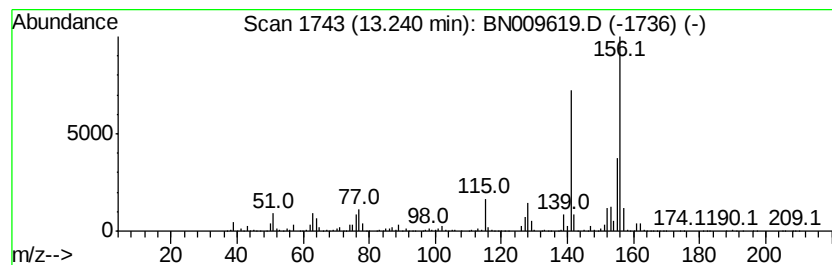
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	31.79 ng/ul	7849490	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
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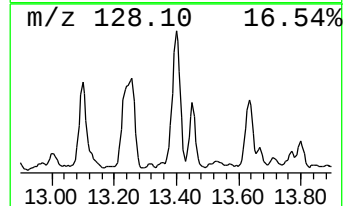
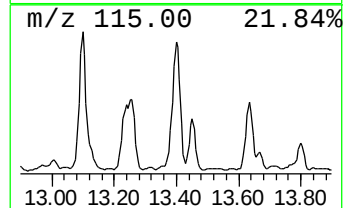
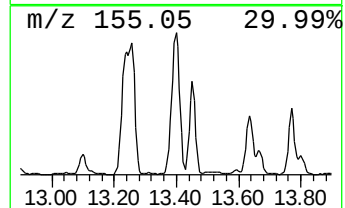
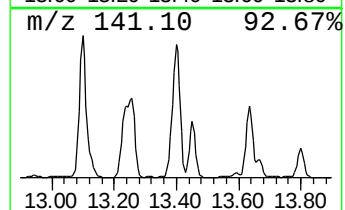
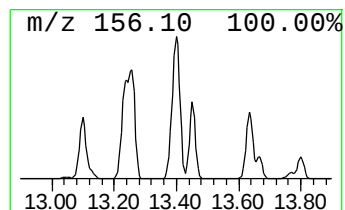
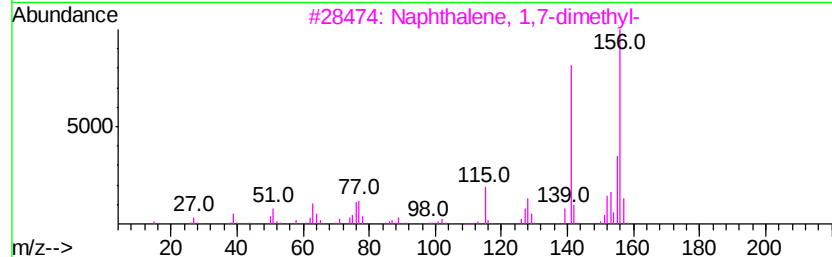
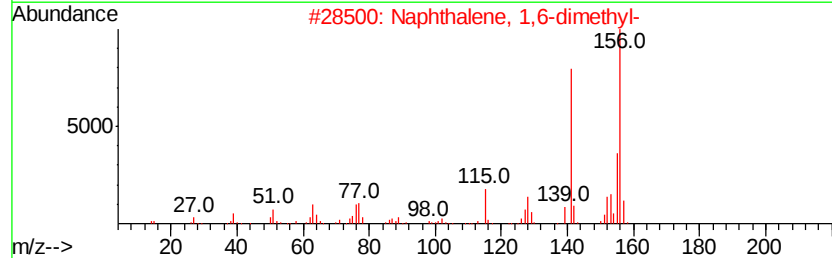
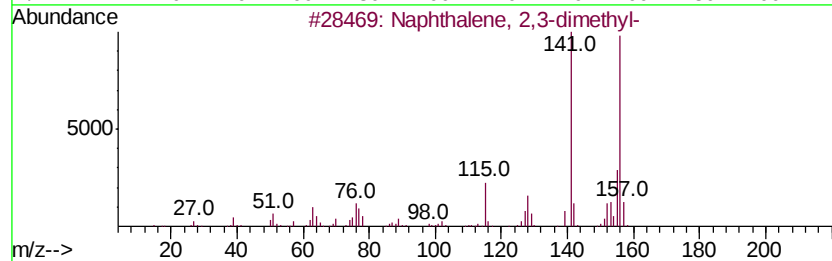
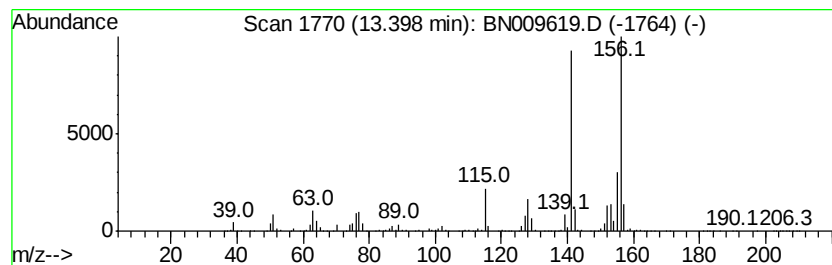
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	49.92 ng/ul	12324300	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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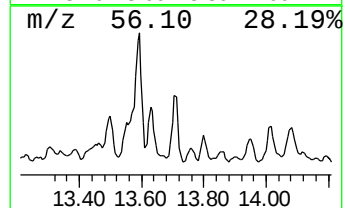
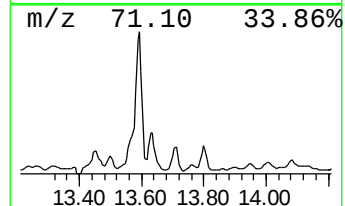
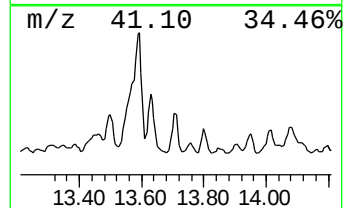
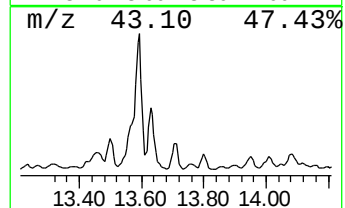
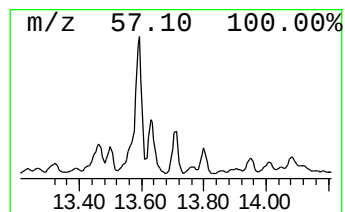
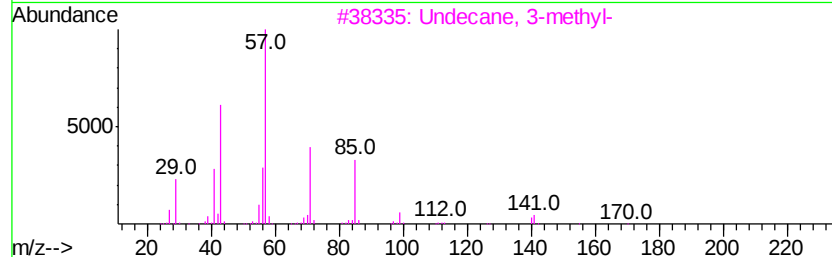
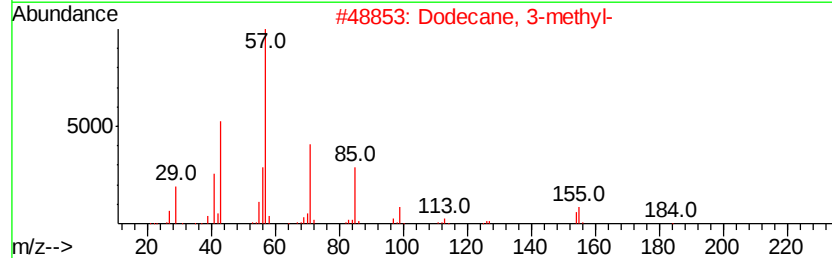
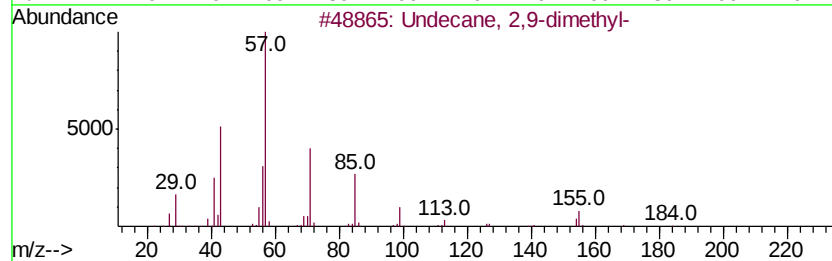
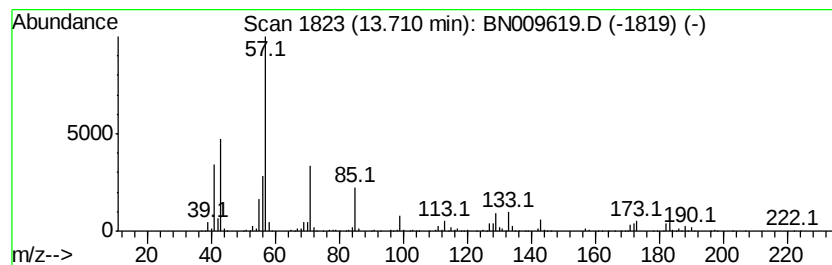
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	7.34 ng/ul	1811040	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	53
4			Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT65

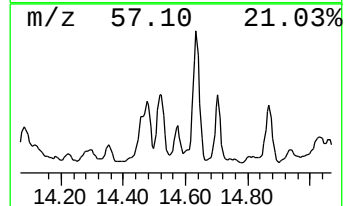
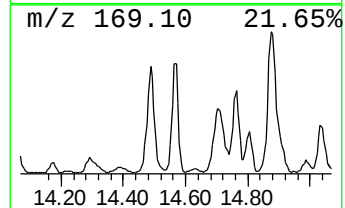
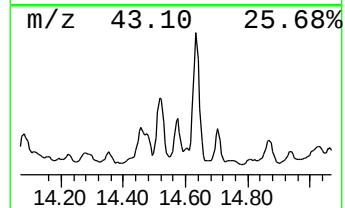
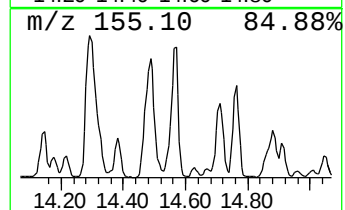
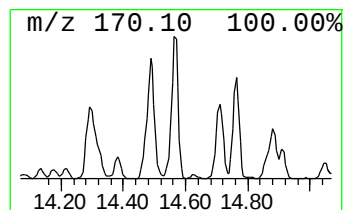
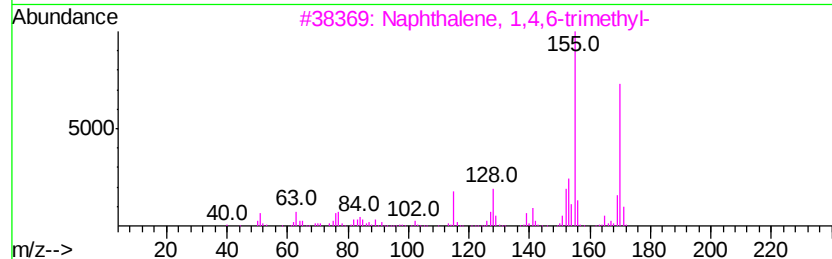
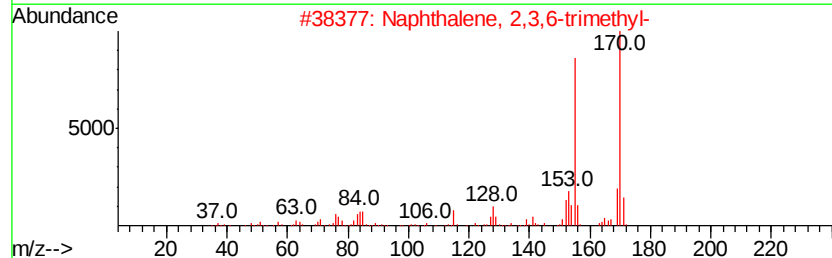
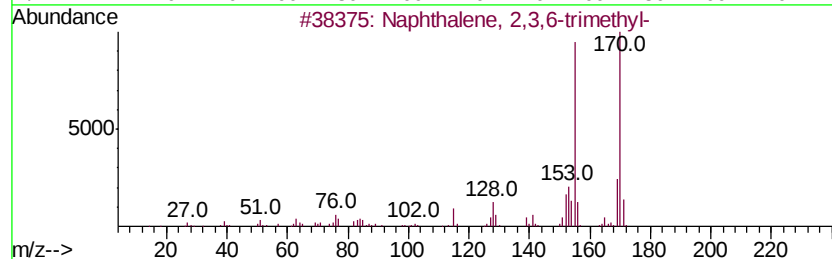
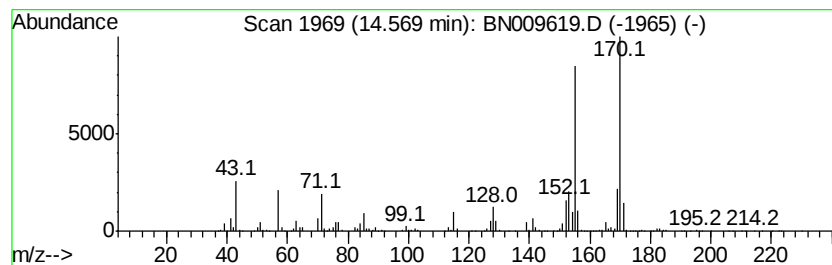
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Naphthalene, 2,3,6-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	15.68 ng/ul	3871880	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT65

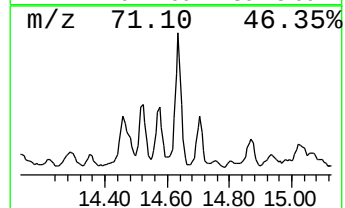
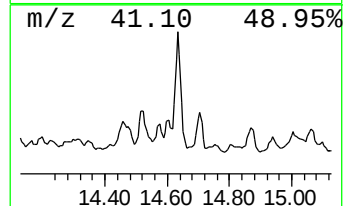
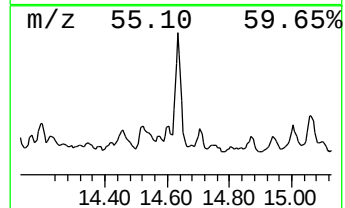
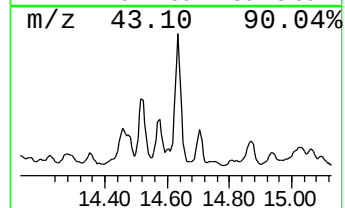
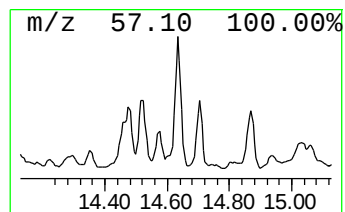
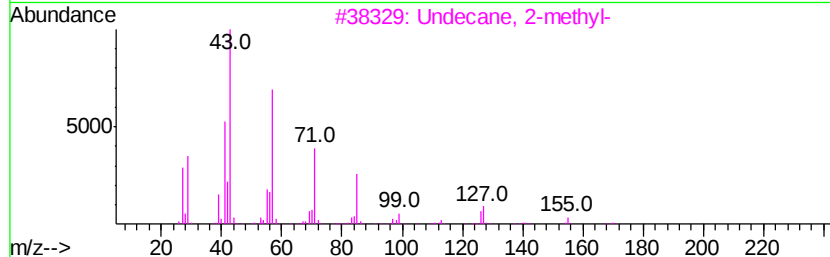
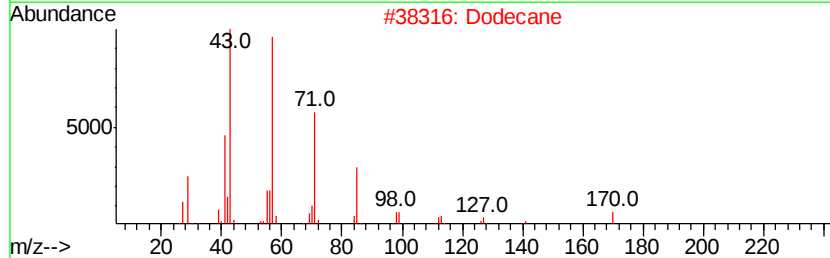
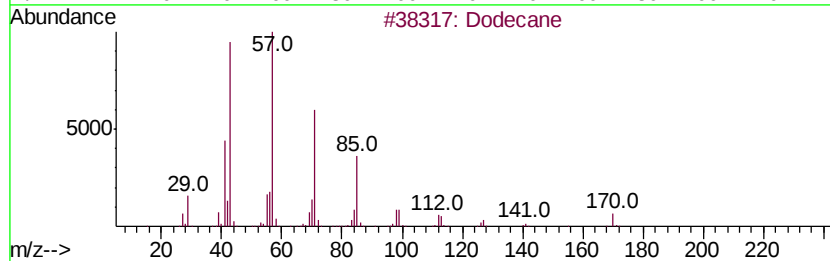
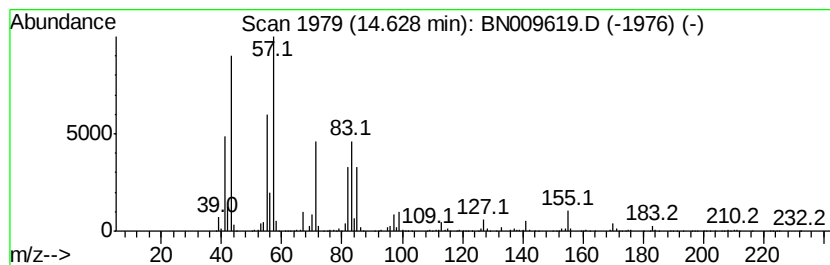
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	17.02 ng/ul	4201440	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	60
2		Dodecane	170	C12H26	000112-40-3	60
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	53
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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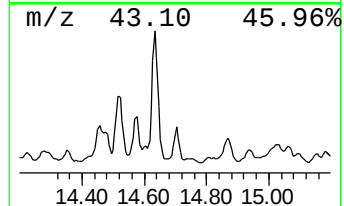
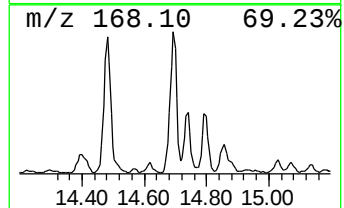
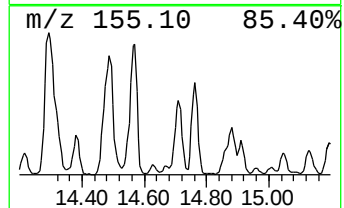
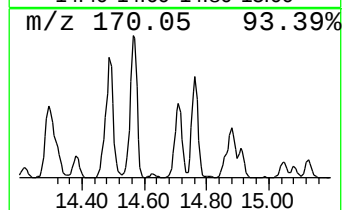
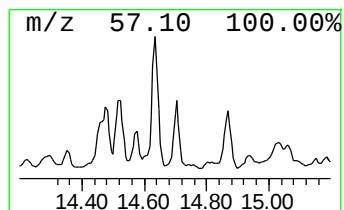
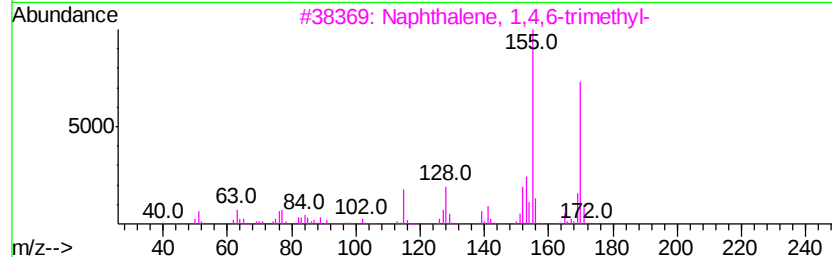
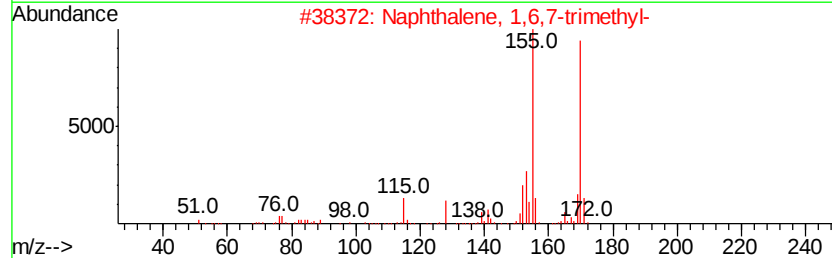
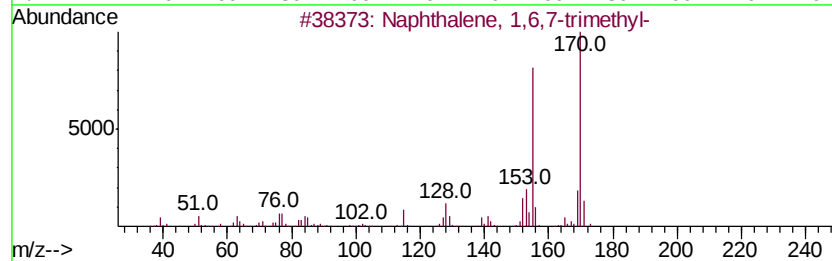
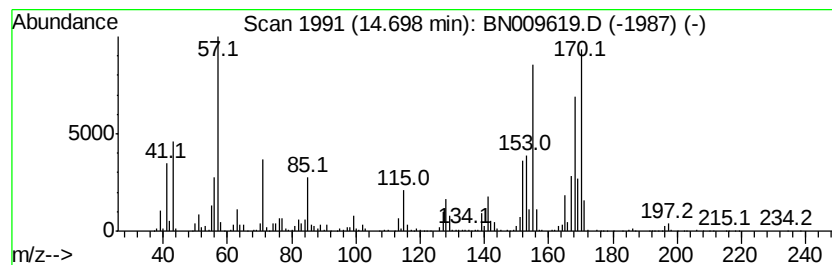
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Naphthalene, 1,6,7-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	14.91 ng/ul	3681750	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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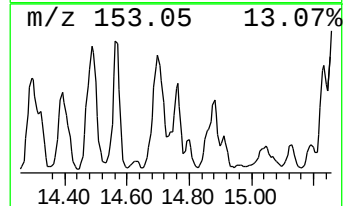
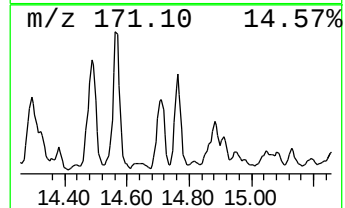
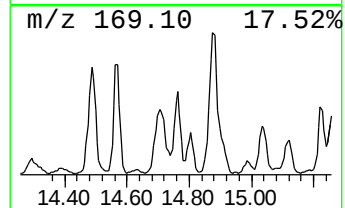
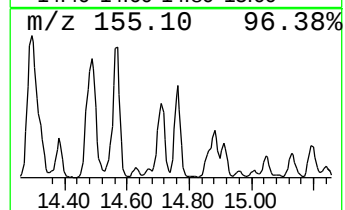
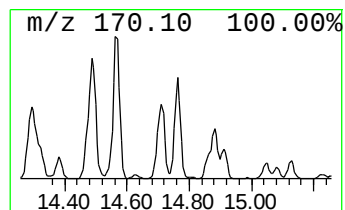
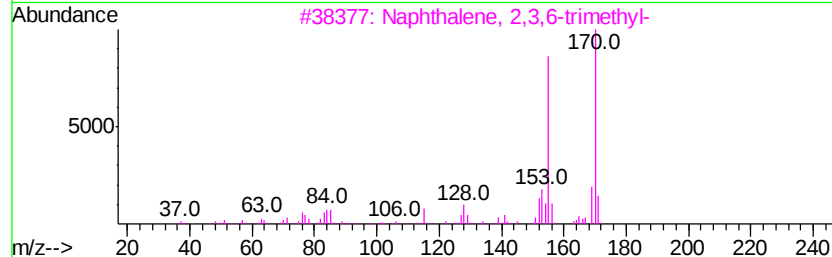
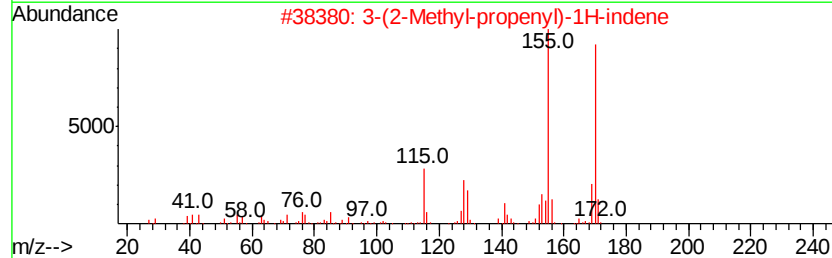
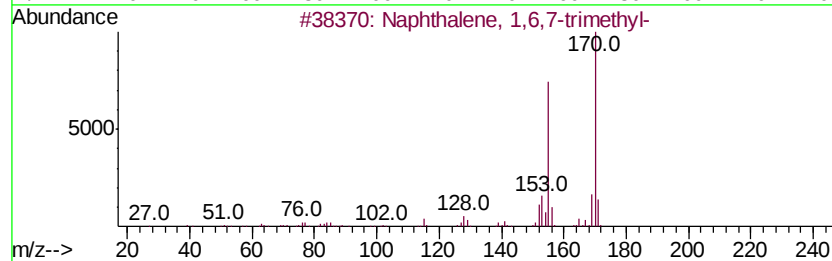
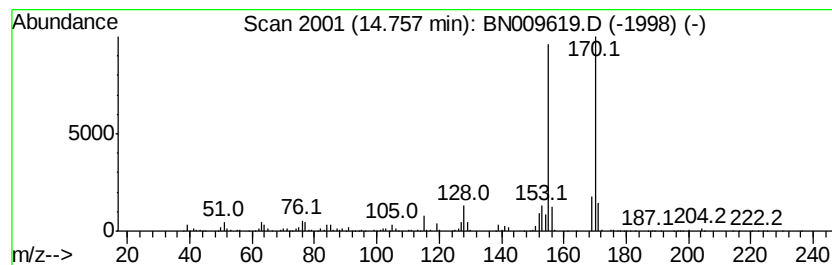
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	8.88 ng/ul	2192320	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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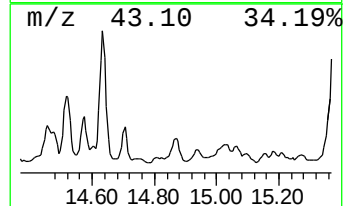
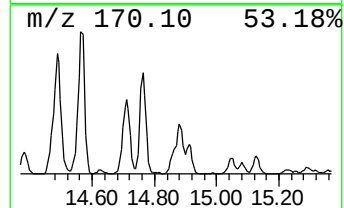
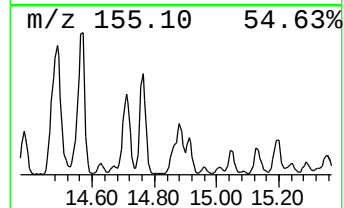
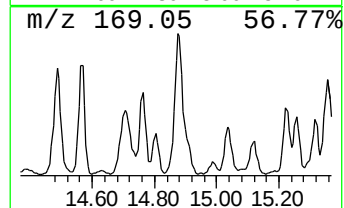
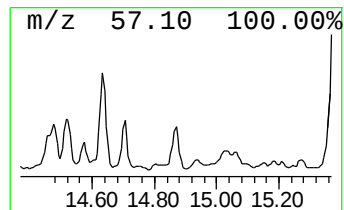
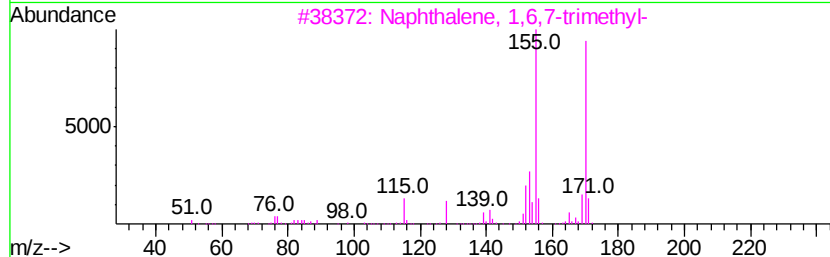
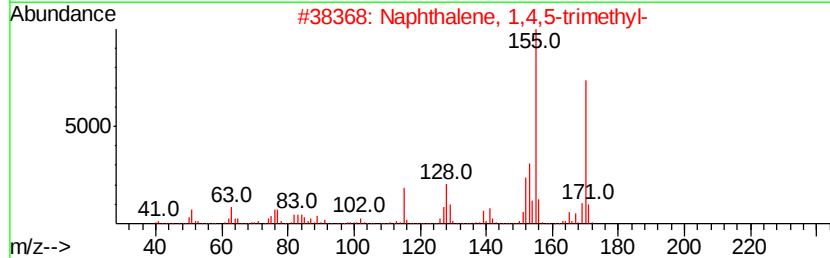
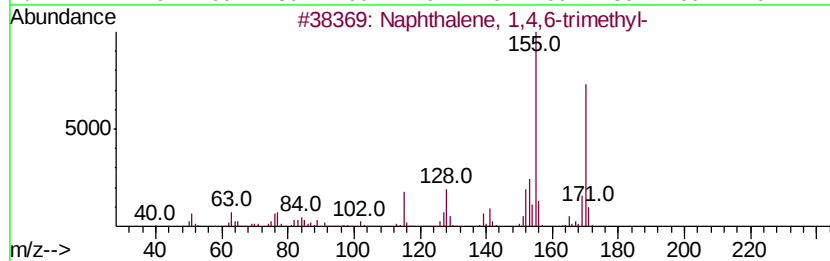
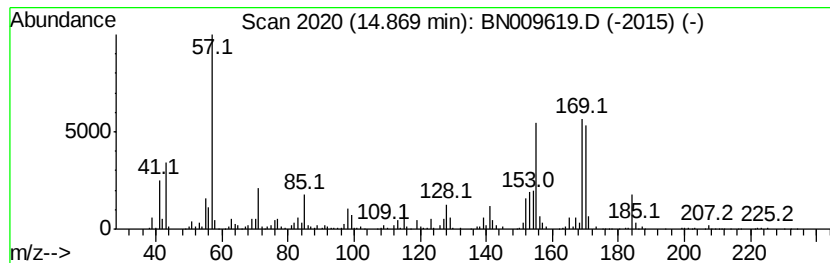
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Naphthalene, 1,4,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	11.56 ng/ul	2853320	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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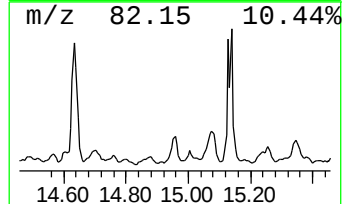
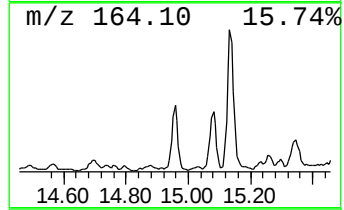
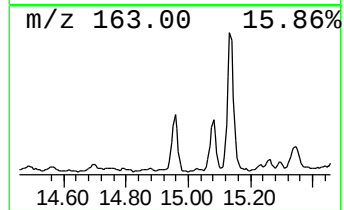
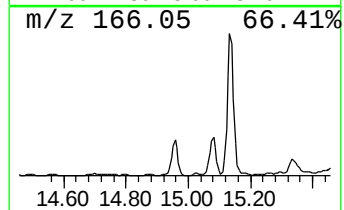
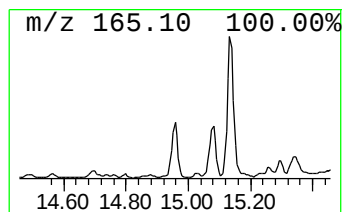
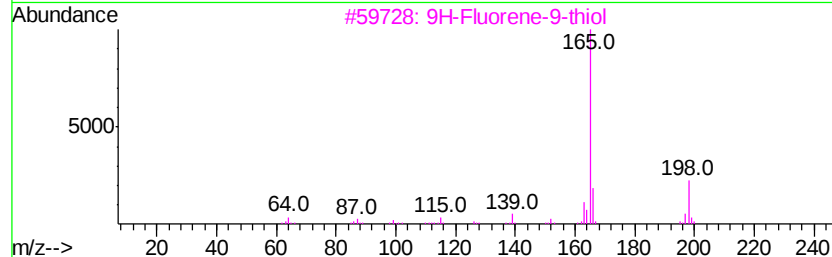
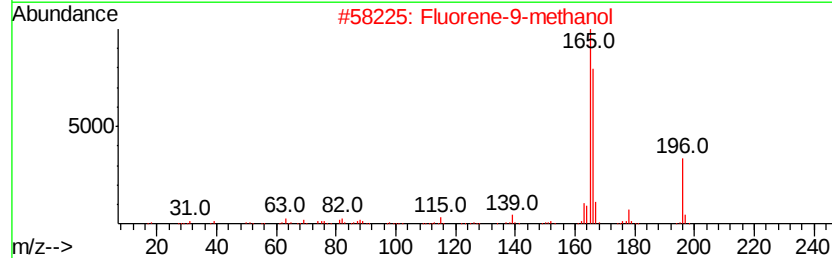
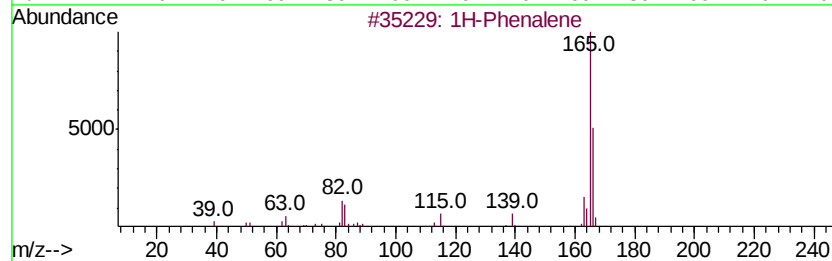
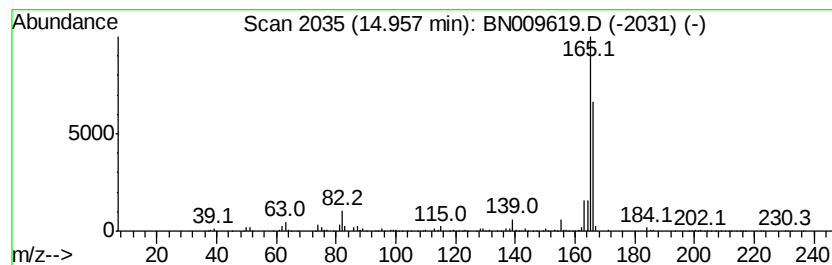
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 1H-Phenalene Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	5.64 ng/ul	1391530	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Phenalene	166	C13H10	000203-80-5	72
2			Fluorene-9-methanol	196	C14H12O	024324-17-2	72
3			9H-Fluorene-9-thiol	198	C13H10S	019552-08-0	53
4			Fluorene, 9-chloro-	200	C13H9Cl	006630-65-5	53
5			Fluorene	166	C13H10	000086-73-7	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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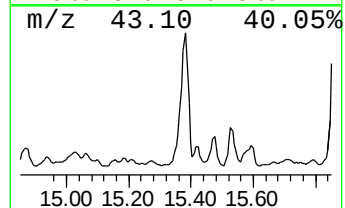
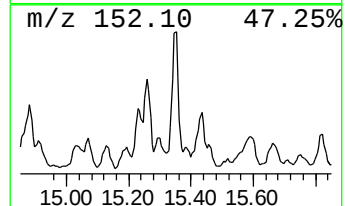
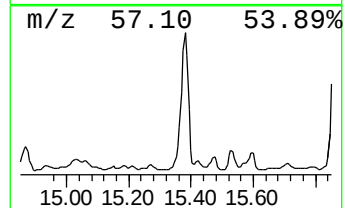
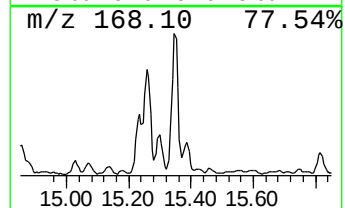
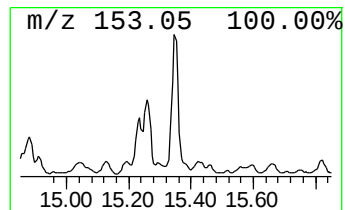
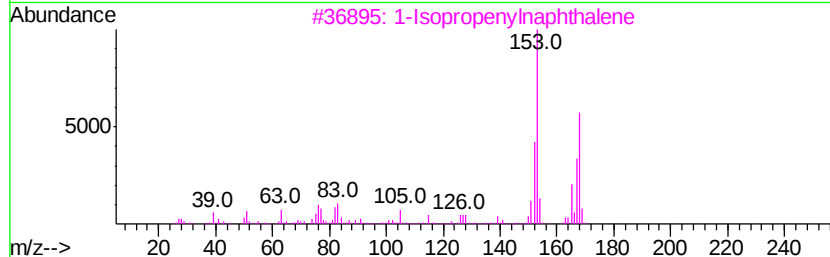
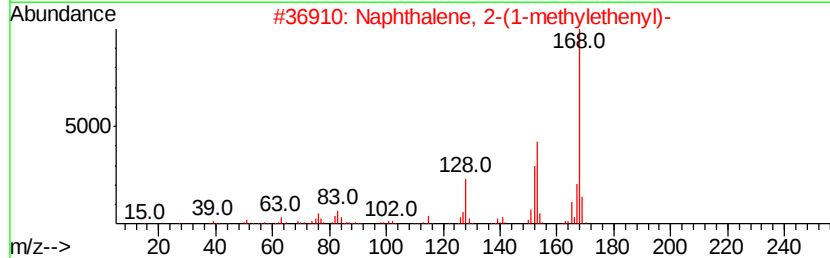
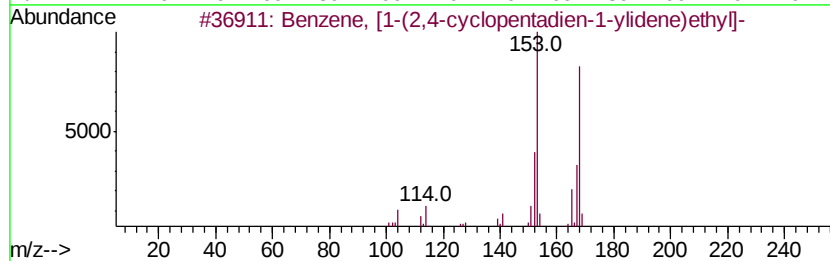
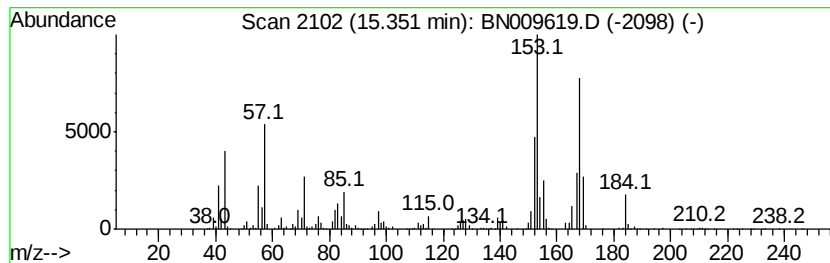
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 Benzene, [1-(2,4-cyclopenta... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	7.64 ng/ul	1886660	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	59
2		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	47
3		1-Isopropenyl naphthalene	168	C13H12	001855-47-6	46
4		1,1,4,4-Tetramethyl-1,4-disilacy...	168	C8H16Si2	020627-53-6	46
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT65

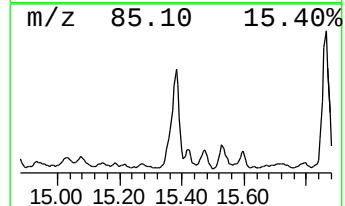
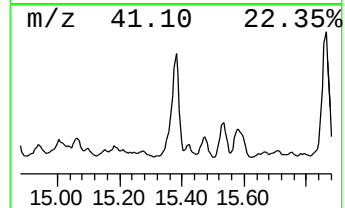
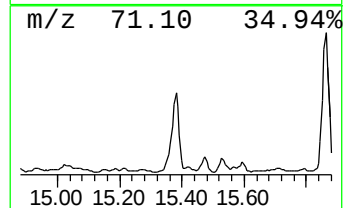
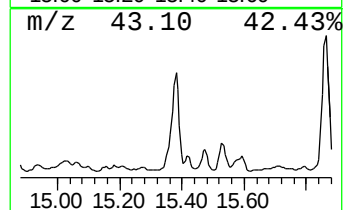
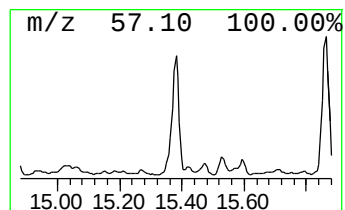
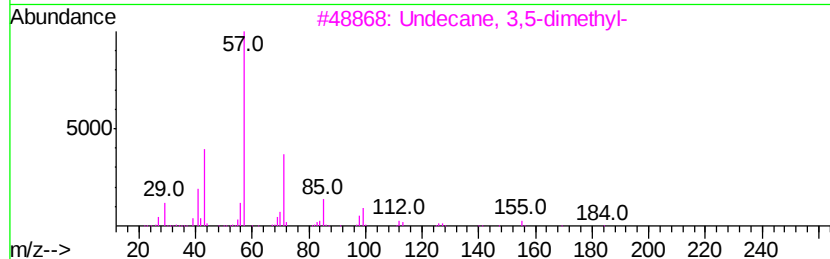
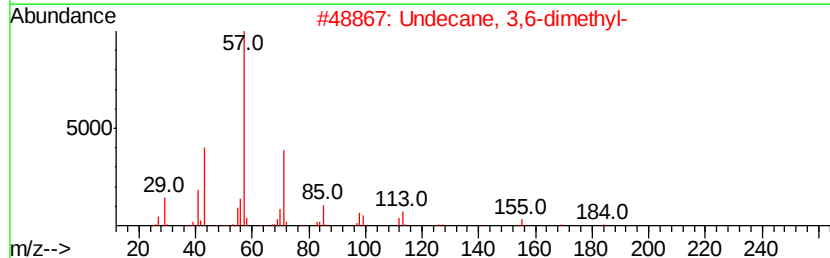
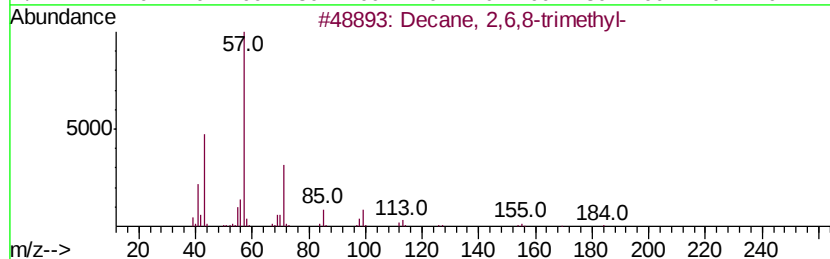
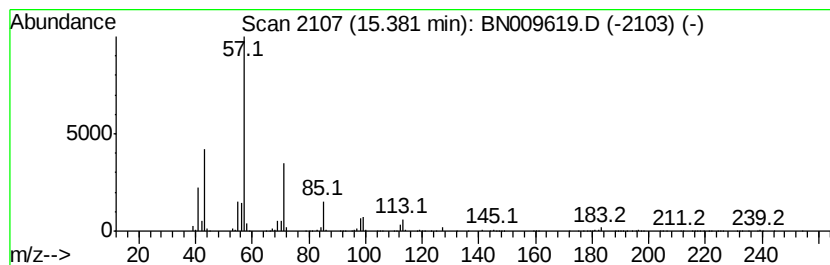
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	24.81 ng/ul	6125530	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	86
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	86
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	78
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
5		2-methyloctacosane	408	C29H60	1000376-72-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT65

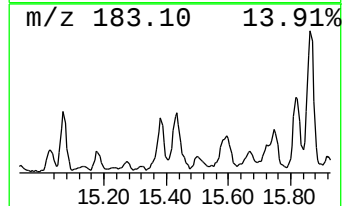
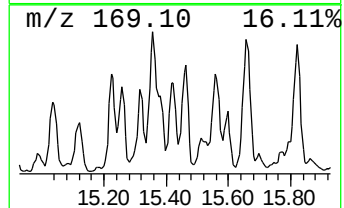
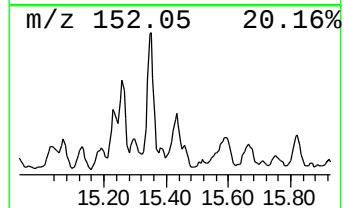
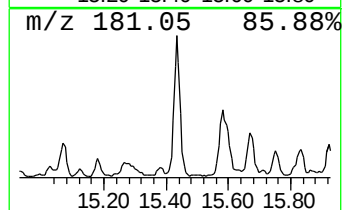
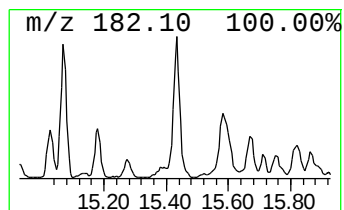
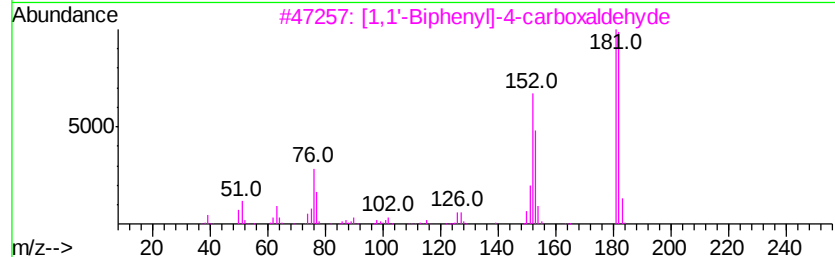
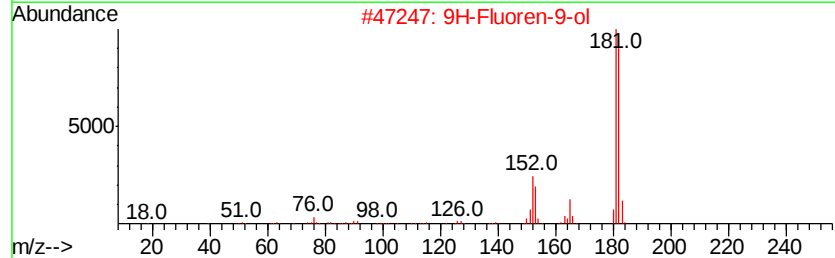
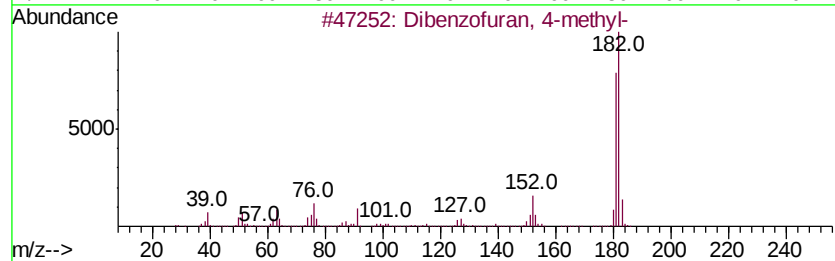
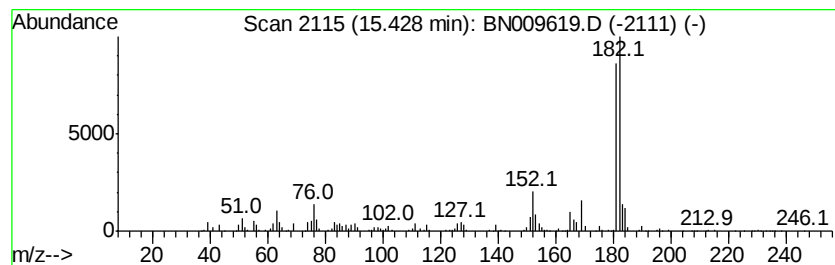
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 Dibenzofuran, 4-methyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	4.85 ng/ul	1198250	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5			3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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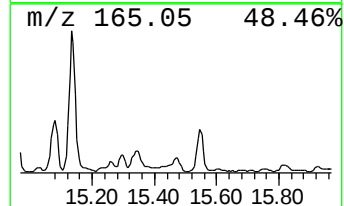
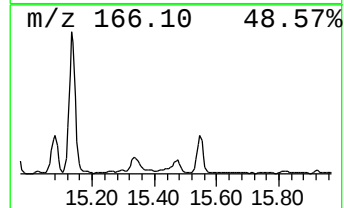
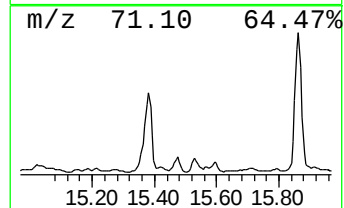
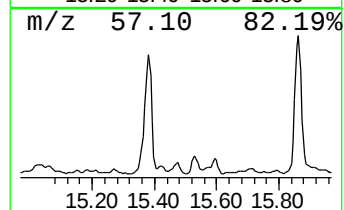
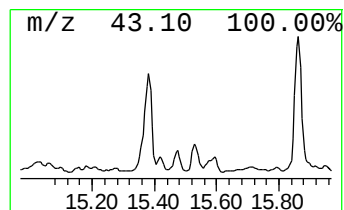
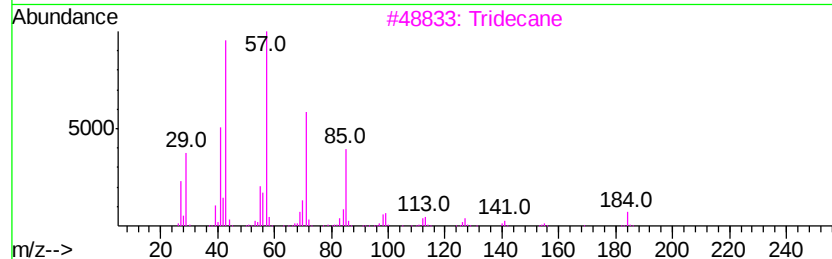
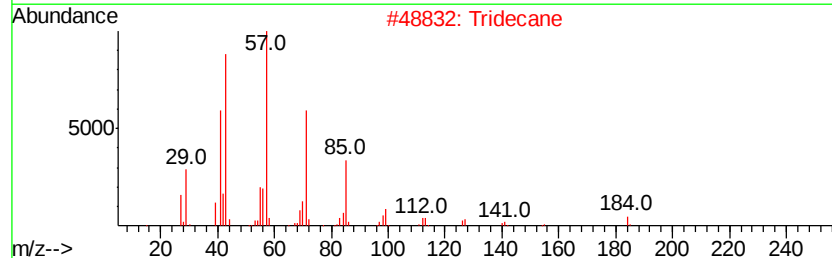
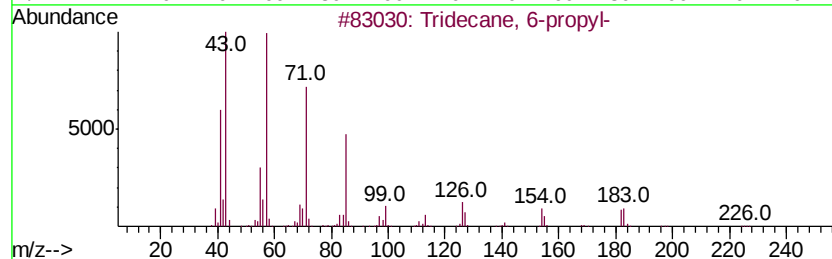
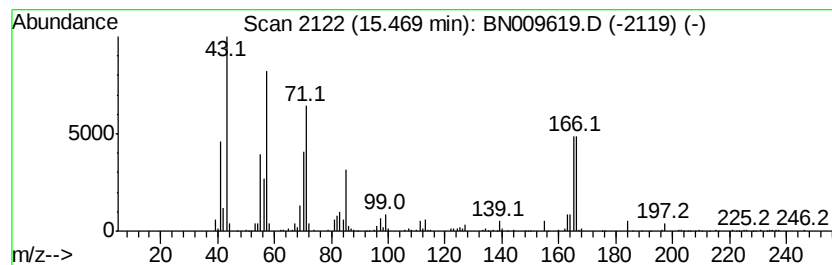
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	15.50 ng/ul	1719940	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	51
2		Tridecane	184	C13H28	000629-50-5	41
3		Tridecane	184	C13H28	000629-50-5	38
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
5		Hexadecane	226	C16H34	000544-76-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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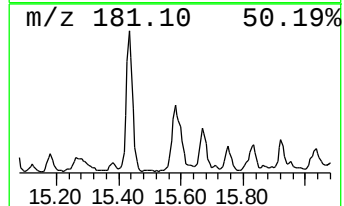
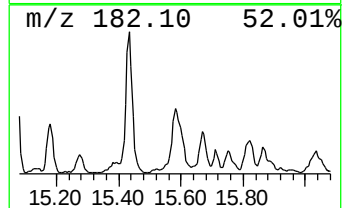
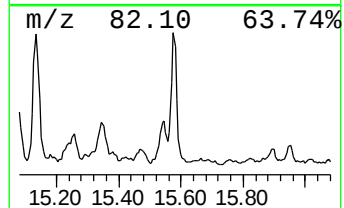
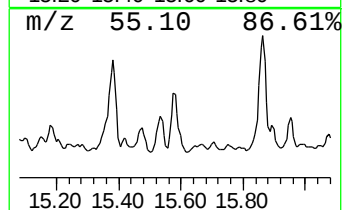
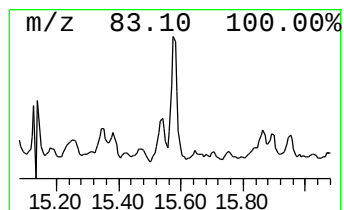
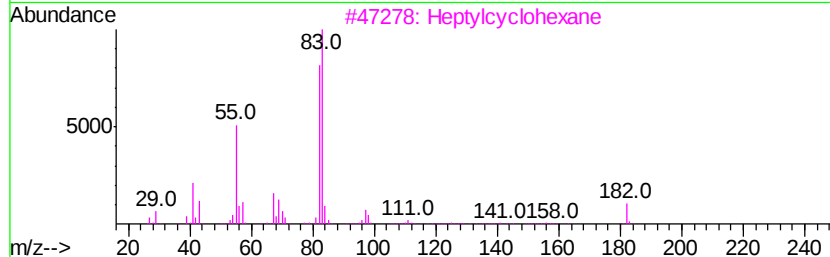
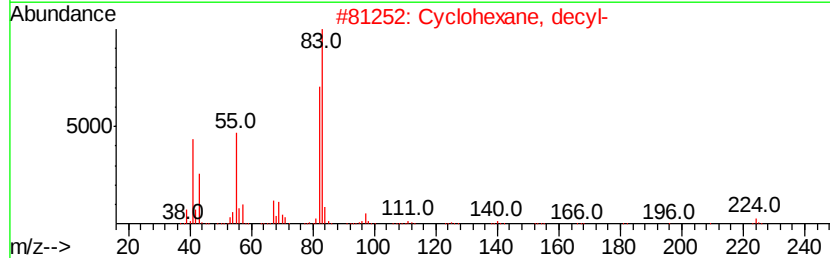
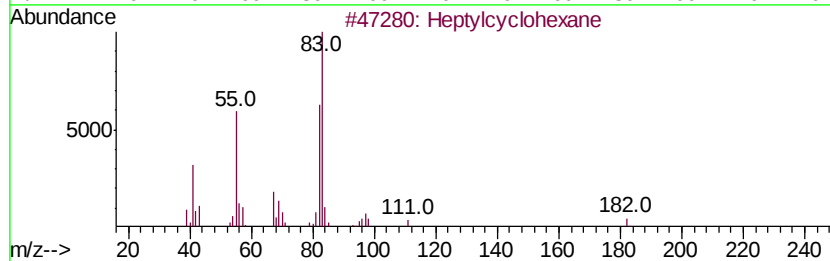
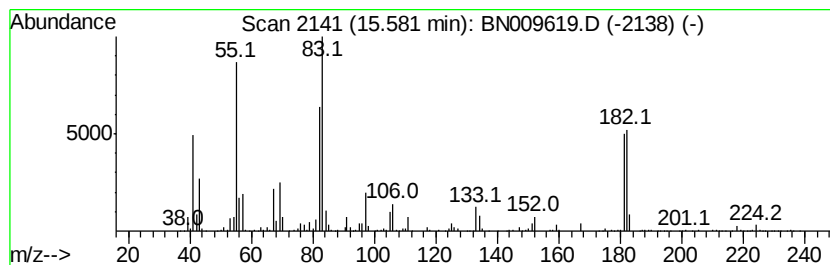
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	25.49 ng/ul	2828520	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	76
2		Cyclohexane, decyl-	224	C16H32	001795-16-0	53
3		Heptylcyclohexane	182	C13H26	005617-41-4	49
4		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	47
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT65

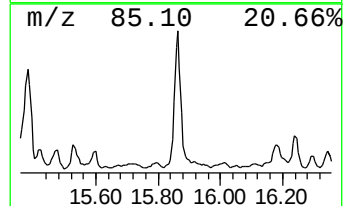
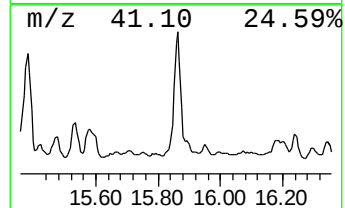
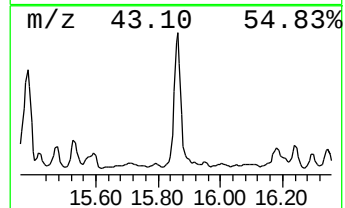
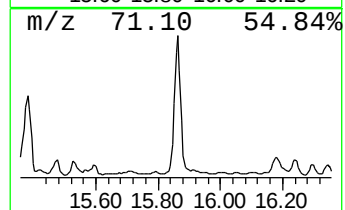
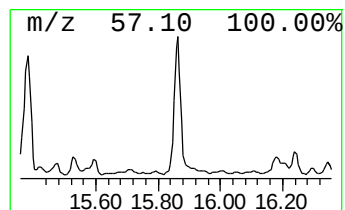
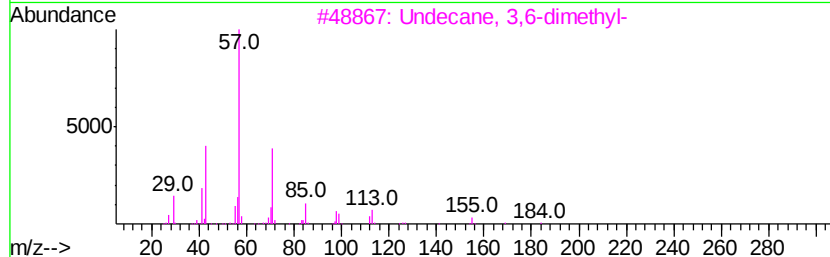
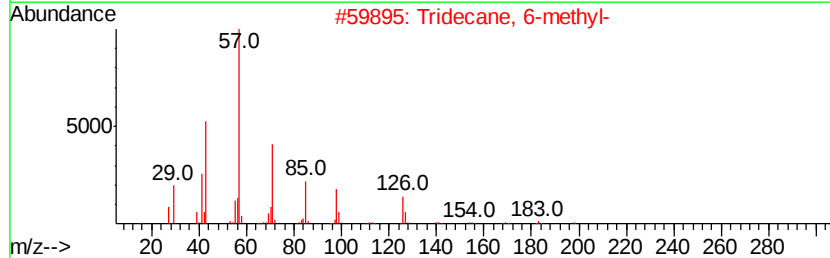
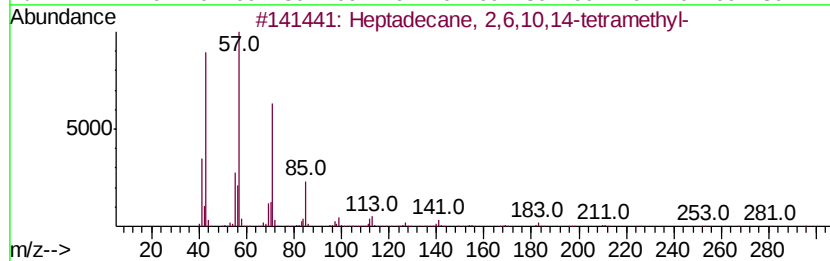
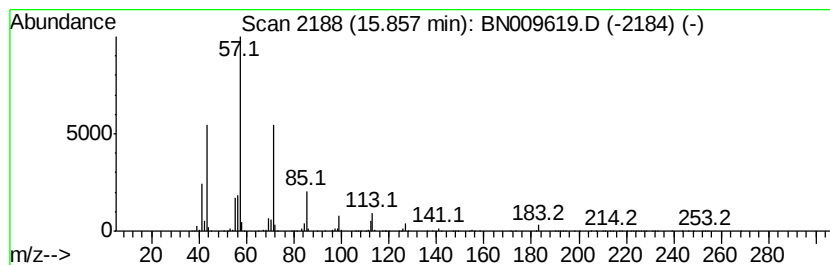
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	71.14 ng/ul	7892350	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
5		Hexadecane	226	C16H34	000544-76-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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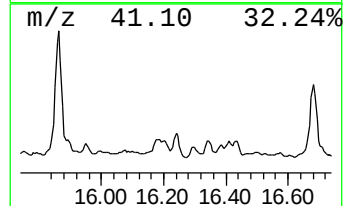
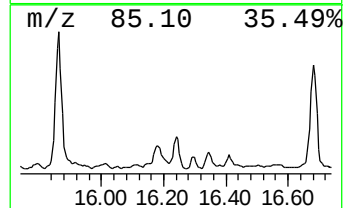
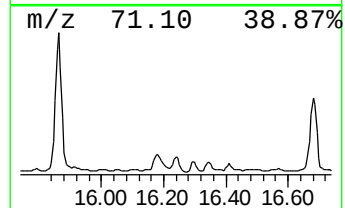
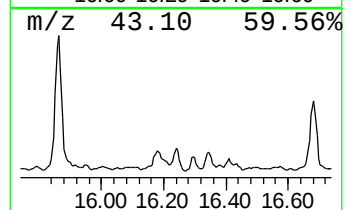
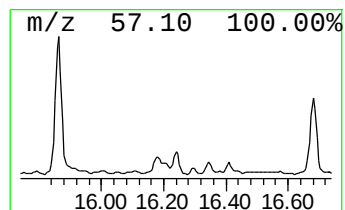
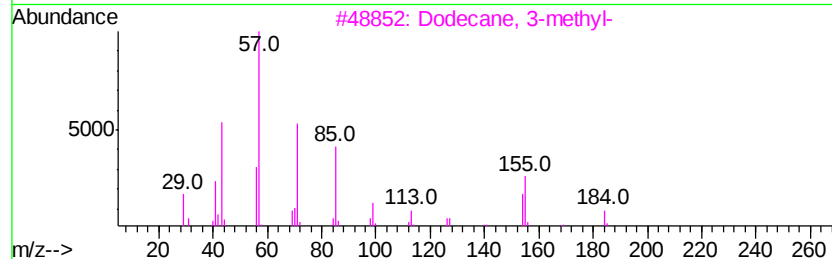
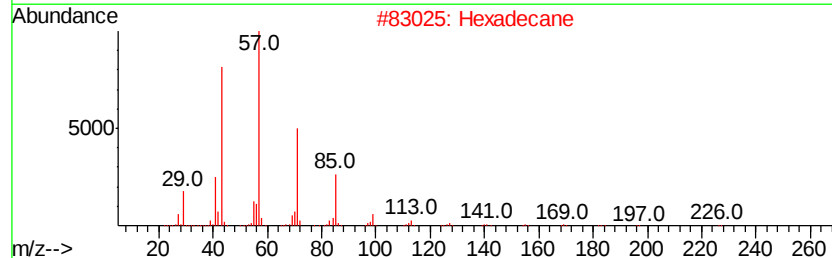
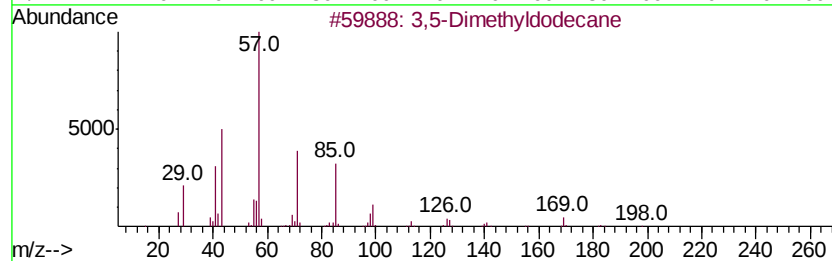
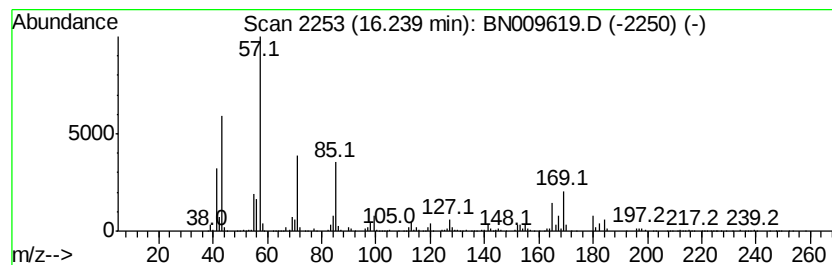
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	12.34 ng/ul	1369330	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	68
2		Hexadecane	226	C16H34	000544-76-3	60
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	46
4		Tridecane	184	C13H28	000629-50-5	43
5		Decane	142	C10H22	000124-18-5	43



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Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
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Instrument :
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ClientSampleId :
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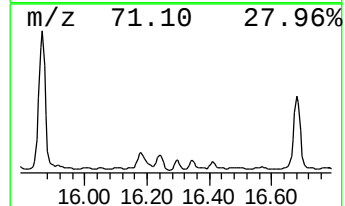
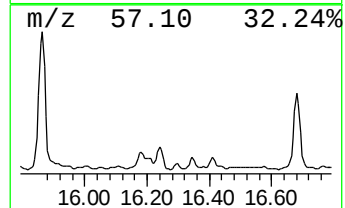
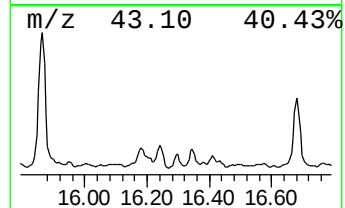
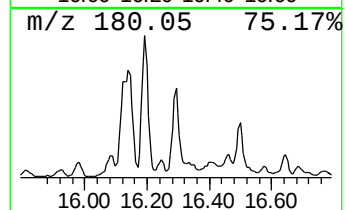
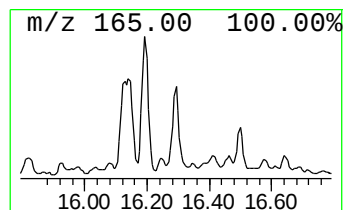
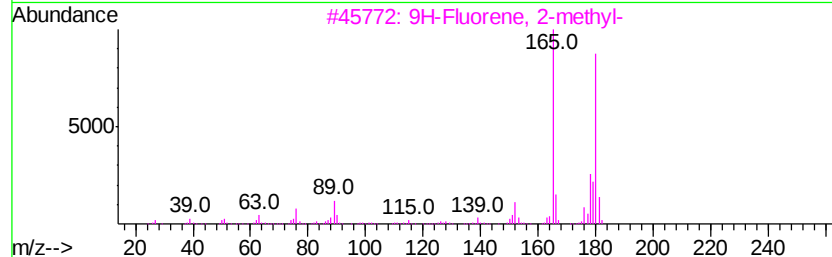
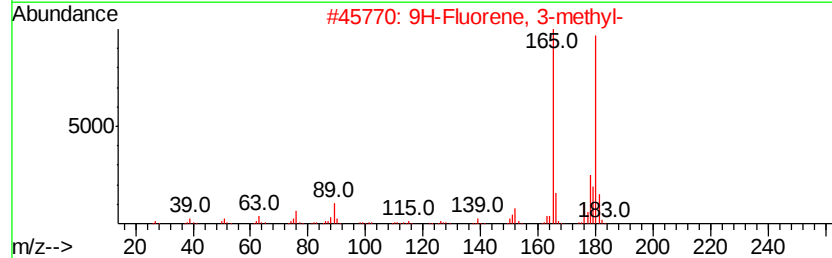
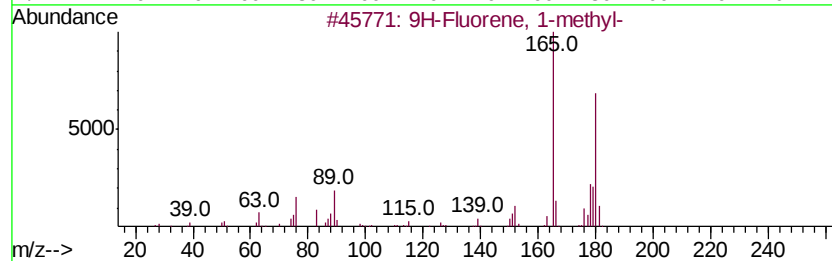
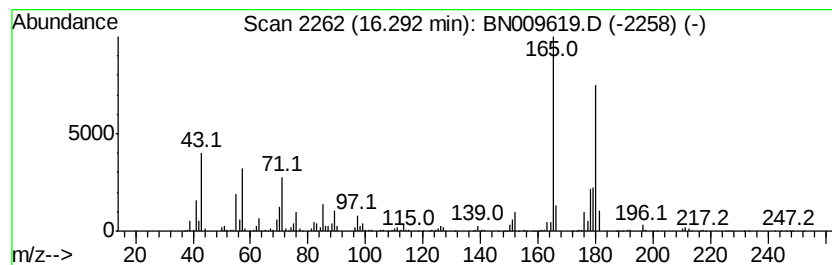
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 9H-Fluorene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	13.86 ng/ul	1538100	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	83



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Instrument :
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ClientSampleId :
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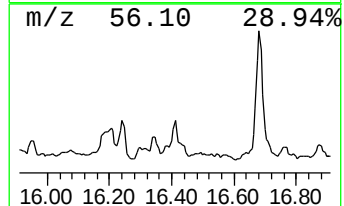
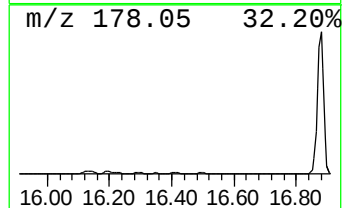
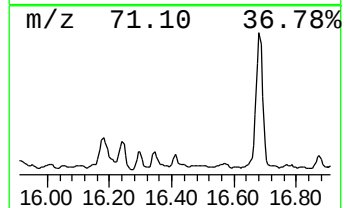
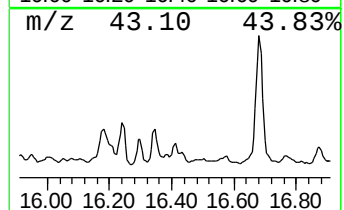
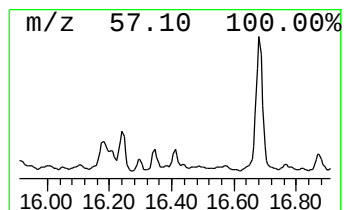
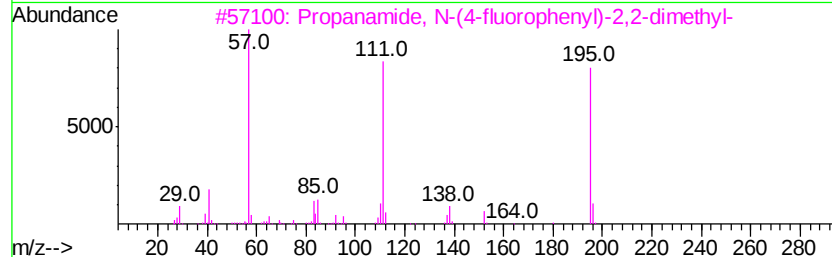
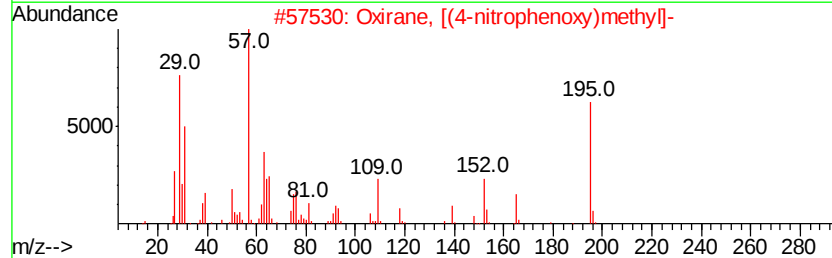
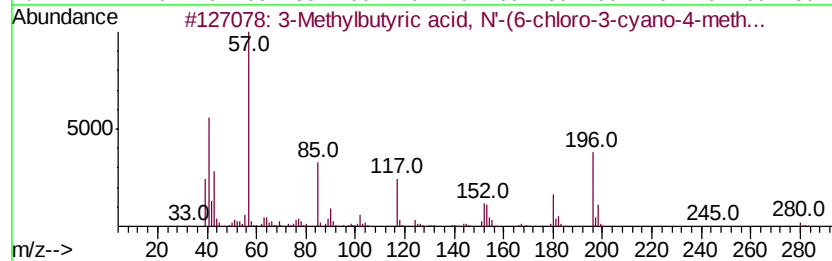
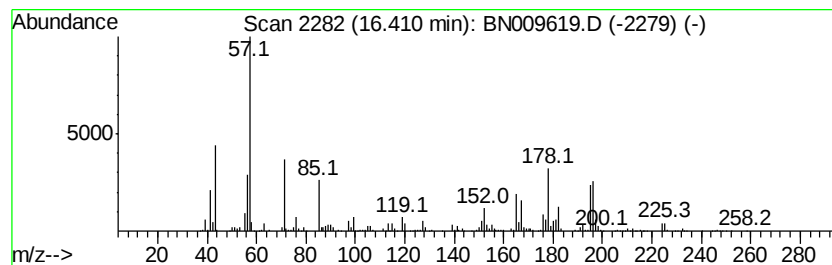
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 unknown-02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	13.97 ng/ul	1550280	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylbutyric acid, N'-(6-chlo...	280	C13H17ClN4O	1000316-45-9	12
2		Oxirane, [(4-nitrophenoxy)methyl]-	195	C9H9NO4	005255-75-4	9
3		Propanamide, N-(4-fluorophenyl)-...	195	C11H14FNO	1000307-19-4	9
4		Limonen-6-ol, pivalate	236	C15H24O2	1000124-59-2	9
5		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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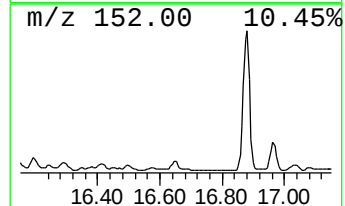
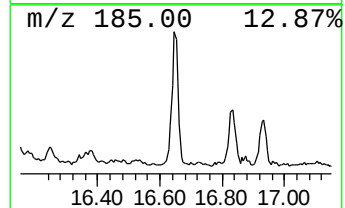
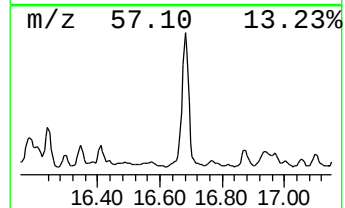
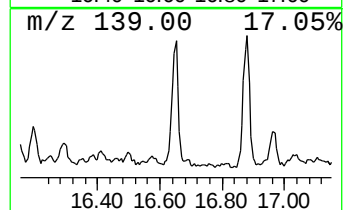
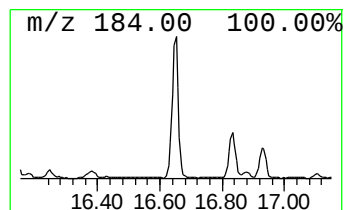
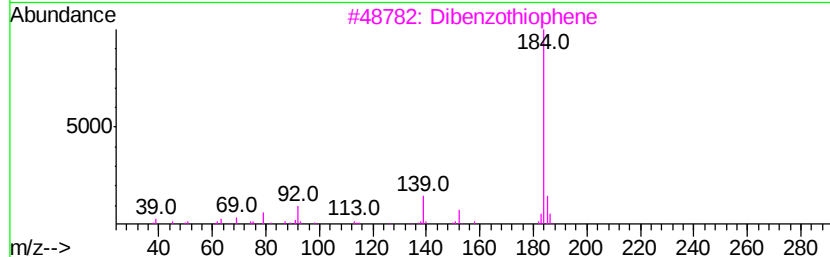
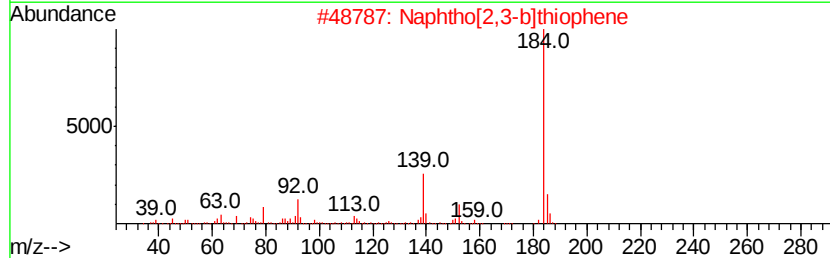
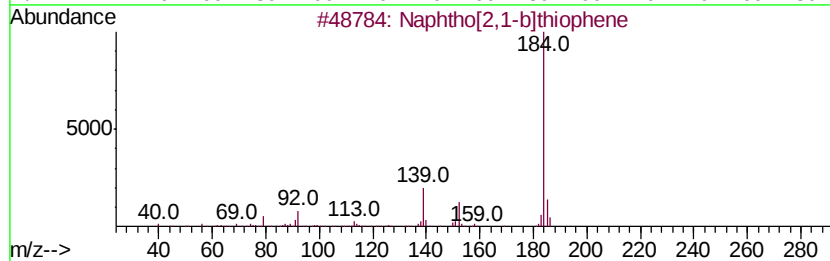
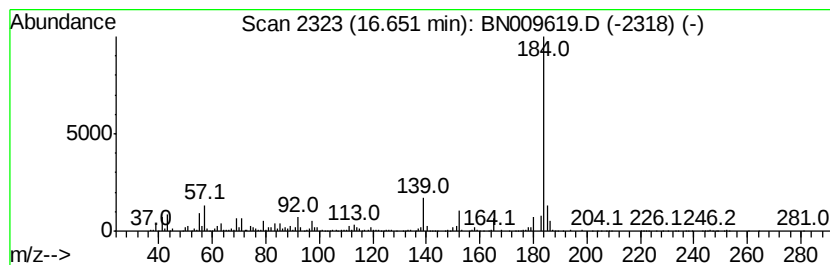
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 Naphtho[2,1-b]thiophene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	11.26 ng/ul	1249310	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3		Dibenzothiophene	184	C12H8S	000132-65-0	93
4		Dibenzothiophene	184	C12H8S	000132-65-0	93
5		Dibenzothiophene	184	C12H8S	000132-65-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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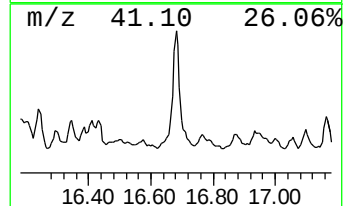
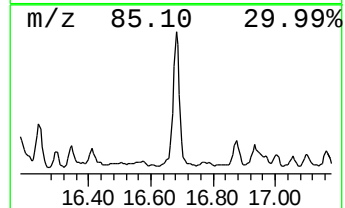
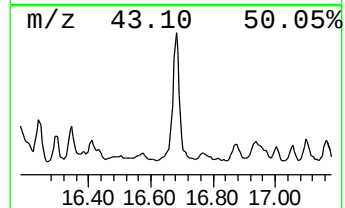
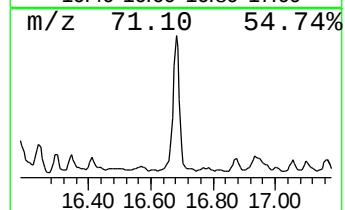
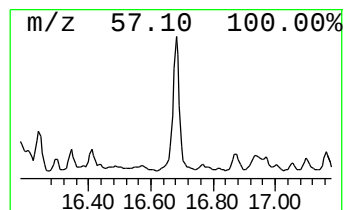
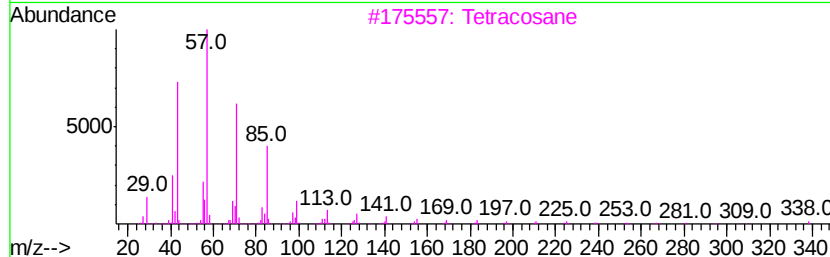
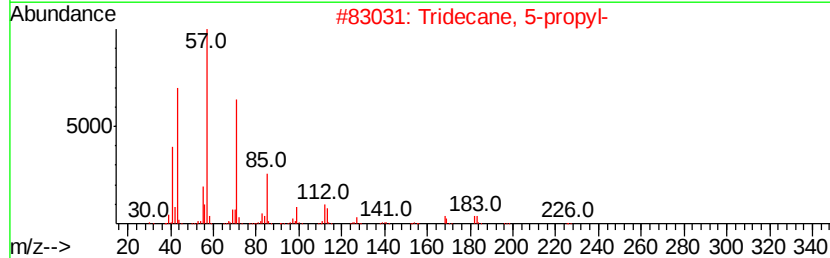
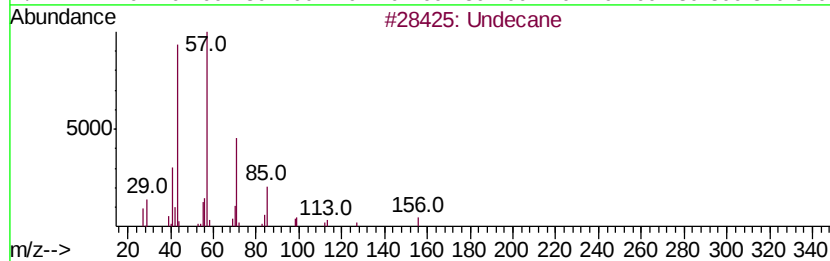
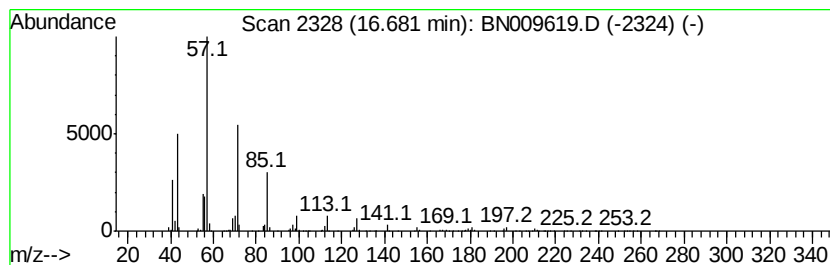
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	46.12 ng/ul	5117420	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	86
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3		Tetracosane	338	C24H50	000646-31-1	72
4		Heptacosane	380	C27H56	000593-49-7	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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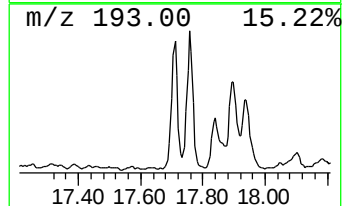
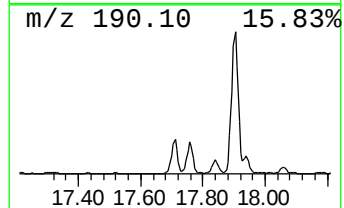
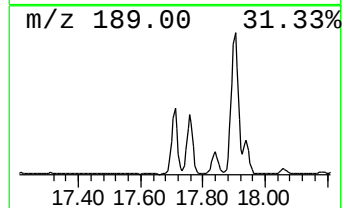
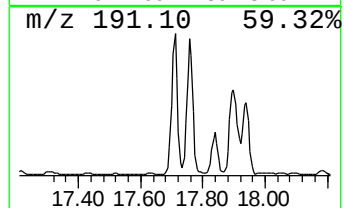
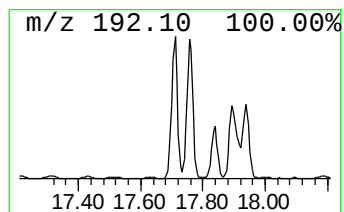
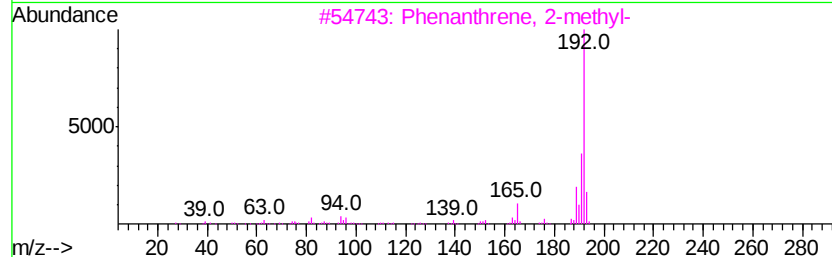
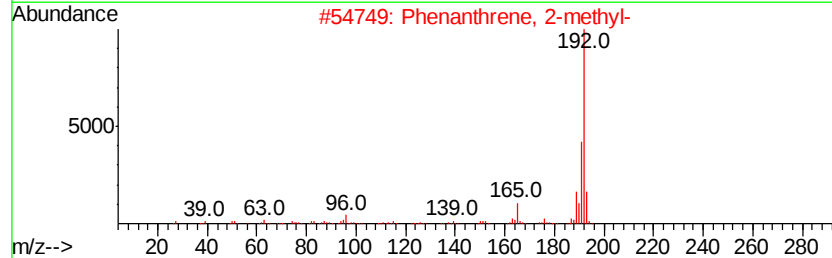
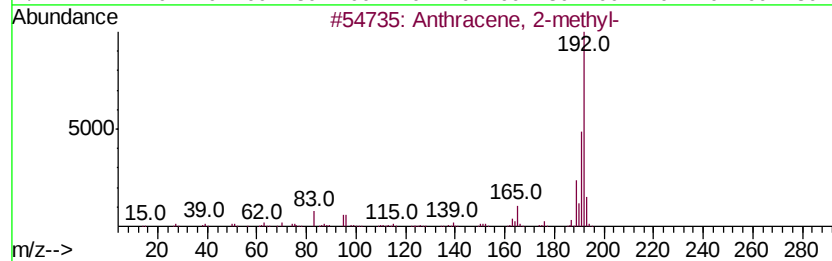
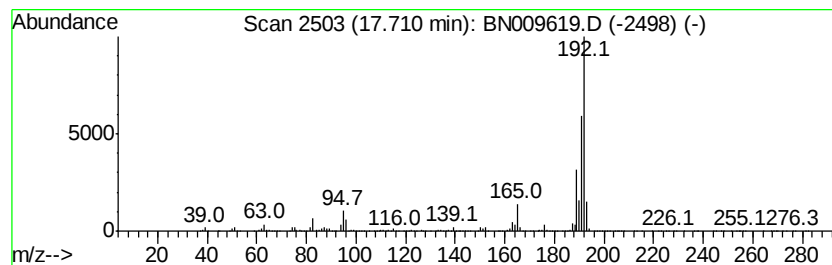
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	42.75 ng/ul	4742880	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
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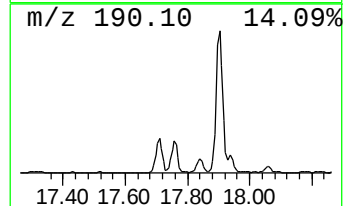
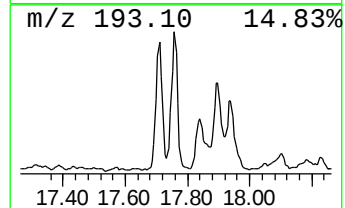
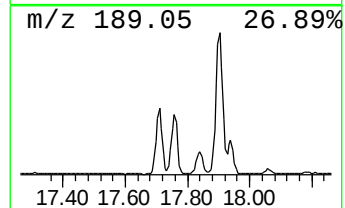
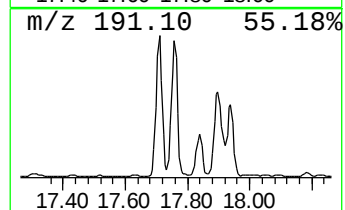
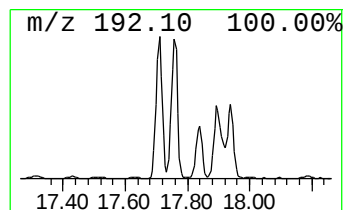
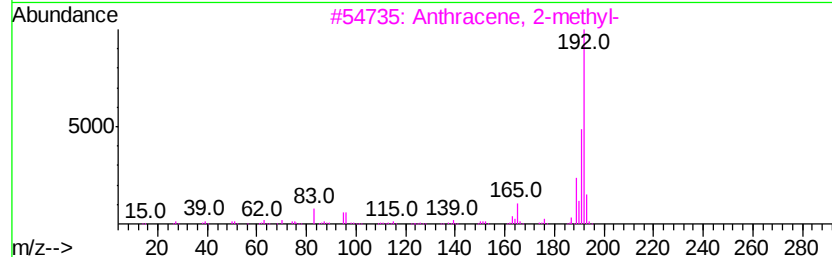
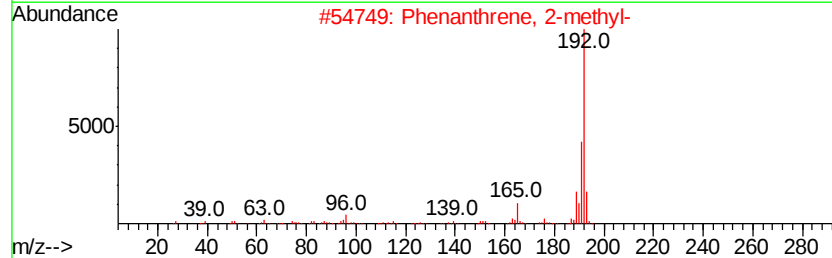
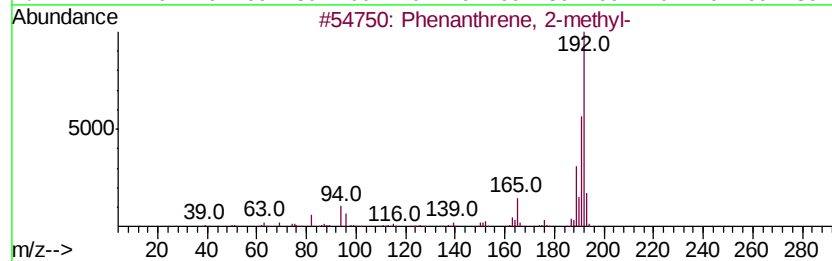
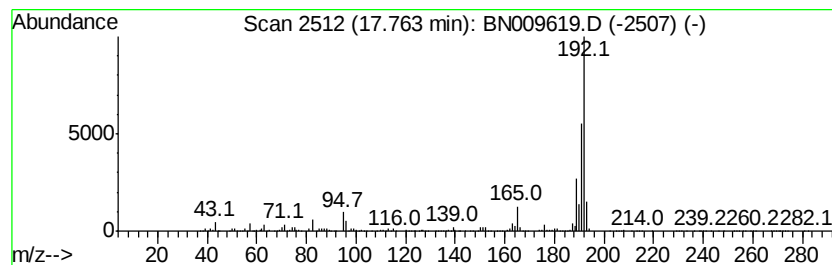
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	43.95 ng/ul	4875660	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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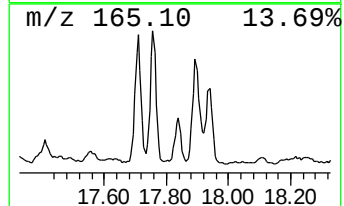
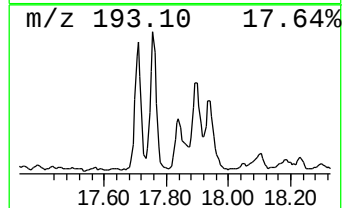
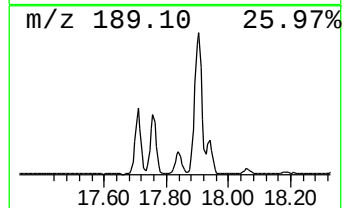
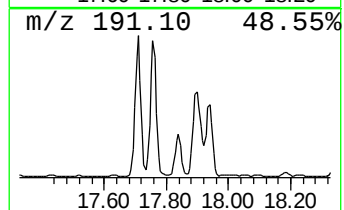
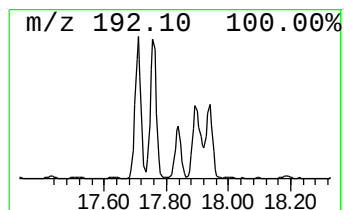
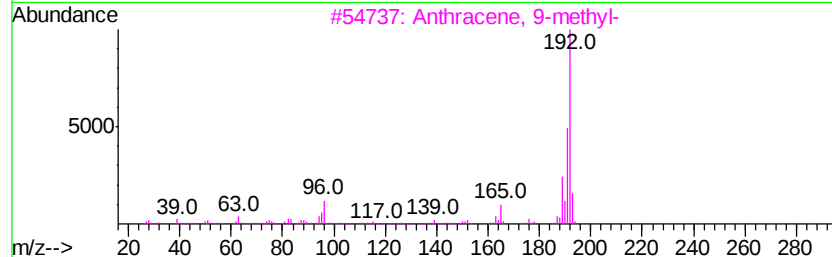
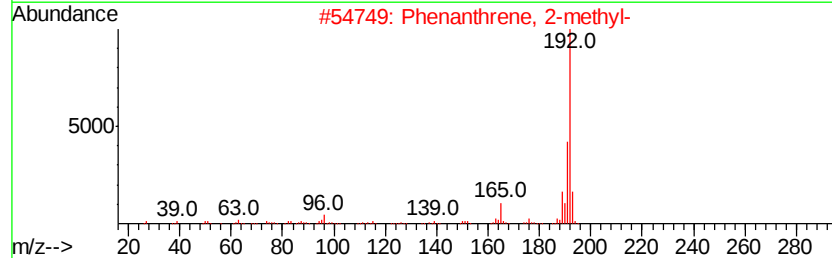
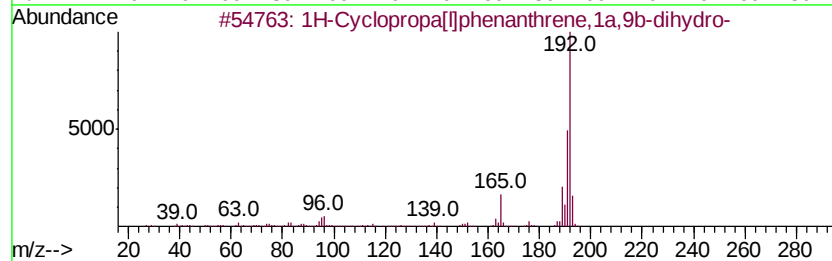
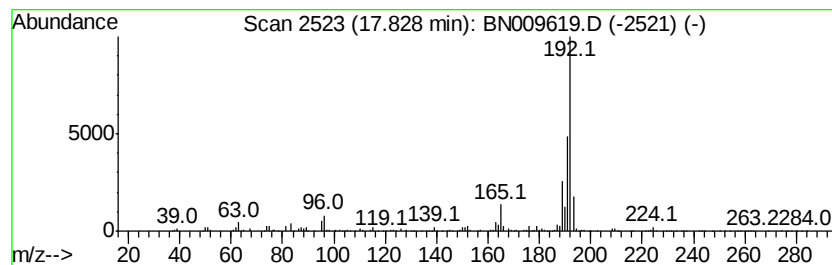
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 1H-Cyclopropa[l]phenanthren... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	15.35 ng/ul	1703330	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT65

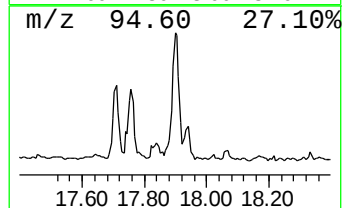
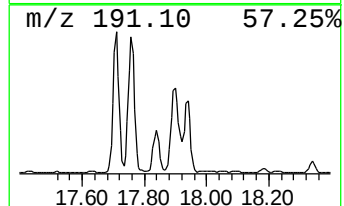
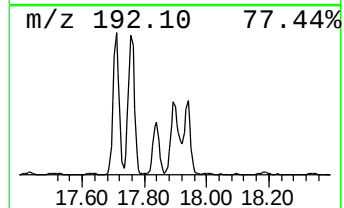
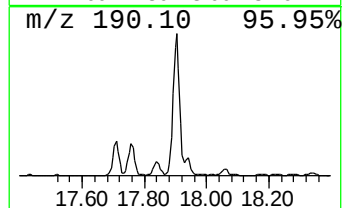
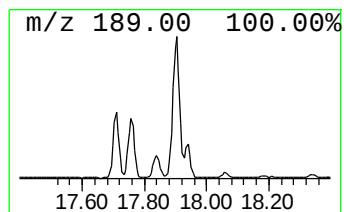
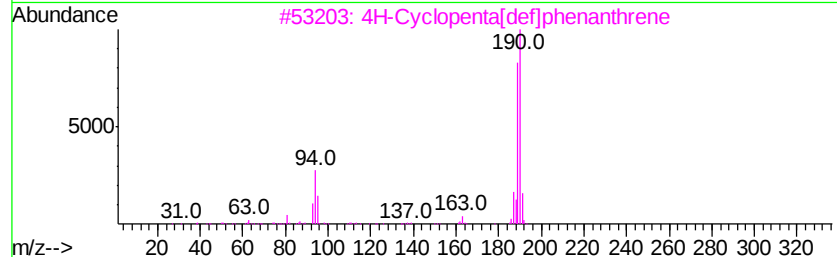
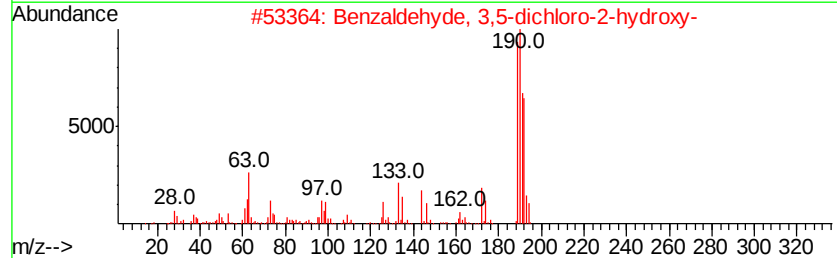
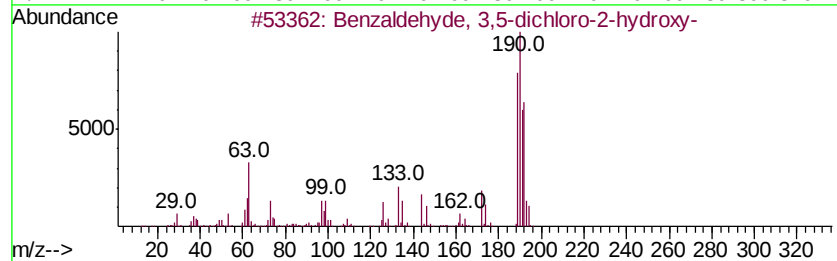
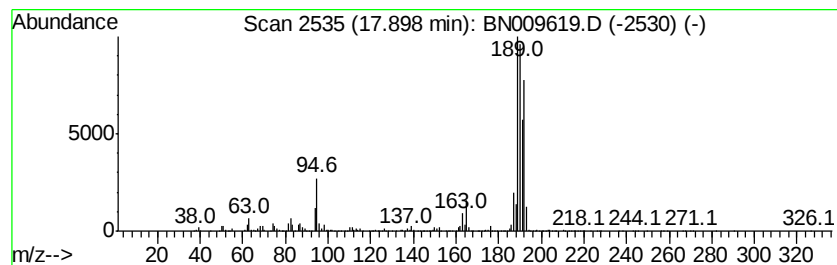
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	65.01 ng/ul	7213240	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehydve, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2		Benzaldehydve, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT65

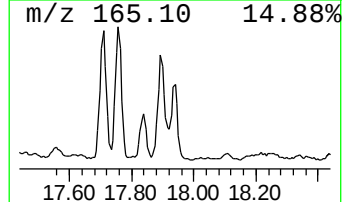
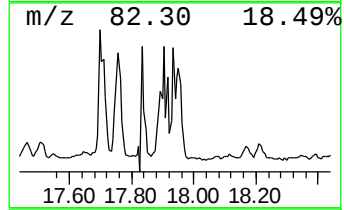
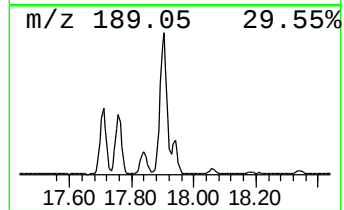
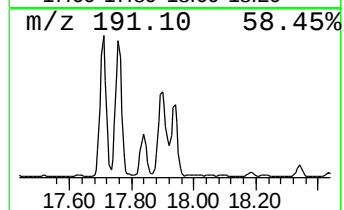
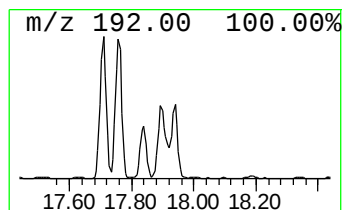
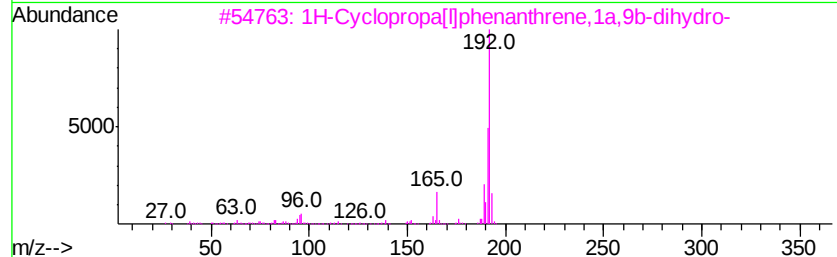
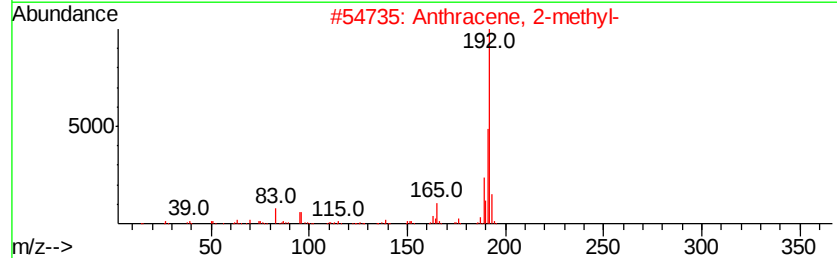
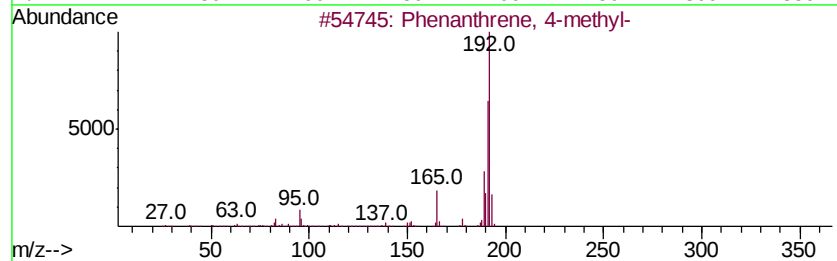
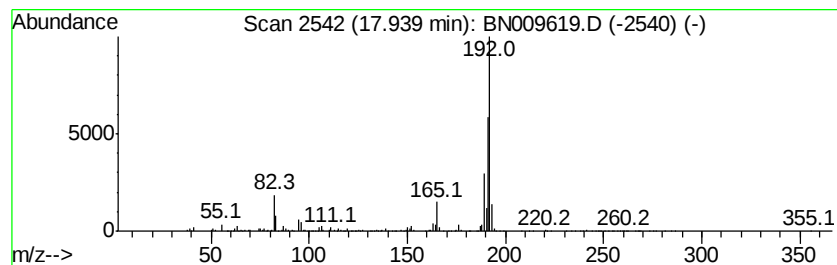
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 Phenanthrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	22.22 ng/ul	2465820	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009619.D
 Acq On : 06 Feb 2020 20:59
 Operator : CG/JU
 Sample : L1324-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	7.09	47.9	ng/ul	3291840	1	7.43	1374430	20.0
Indene	7.96	36.5	ng/ul	2504600	1	7.43	1374430	20.0
(DEL) Alkane: Str...	8.66	53.9	ng/ul	3703200	1	7.43	1374430	20.0
Benzene, 1,2,4,5-...	9.10	2.4	ng/ul	1430000	2	10.19	12194700	20.0
(DEL) Alkane: Str...	9.48	3.1	ng/ul	1887630	2	10.19	12194700	20.0
Benzene, 1-ethyl-...	9.61	4.3	ng/ul	2635370	2	10.19	12194700	20.0
(DEL) Alkane: Str...	9.65	3.8	ng/ul	2316410	2	10.19	12194700	20.0
1H-Indene, 1-methyl-	9.69	3.5	ng/ul	2113170	2	10.19	12194700	20.0
Sulfurous acid, b...	9.75	2.8	ng/ul	1718550	2	10.19	12194700	20.0
1H-Indene, 2,3-di...	10.31	3.9	ng/ul	2367360	2	10.19	12194700	20.0
(DEL) Alkane: Str...	10.38	12.4	ng/ul	7557360	2	10.19	12194700	20.0
unknown-01	10.43	2.2	ng/ul	1350980	2	10.19	12194700	20.0
(DEL) Alkane: Cyc...	10.90	3.4	ng/ul	2046410	2	10.19	12194700	20.0
(DEL) Alkane: Str...	11.05	3.1	ng/ul	1872340	2	10.19	12194700	20.0
(DEL) Alkane: Str...	11.13	7.3	ng/ul	4449150	2	10.19	12194700	20.0
(DEL) Alkane: Str...	11.24	16.8	ng/ul	10261100	2	10.19	12194700	20.0
(DEL) Alkane: Str...	11.65	8.8	ng/ul	5372980	2	10.19	12194700	20.0
Naphthalene, 1-me...	12.09	25.3	ng/ul	15396300	2	10.19	12194700	20.0
Benzene, 4-(2-but...	12.18	5.5	ng/ul	1353630	3	14.07	4937580	20.0
(DEL) Alkane: Str...	12.30	7.9	ng/ul	1946470	3	14.07	4937580	20.0
(DEL) Alkane: Str...	12.34	17.6	ng/ul	4332940	3	14.07	4937580	20.0
(DEL) Alkane: Str...	12.40	10.5	ng/ul	2592480	3	14.07	4937580	20.0
(DEL) Alkane: Str...	12.48	18.6	ng/ul	4591090	3	14.07	4937580	20.0
(DEL) Alkane: Str...	12.57	10.3	ng/ul	2548440	3	14.07	4937580	20.0
(DEL) Alkane: Str...	12.63	28.5	ng/ul	7033540	3	14.07	4937580	20.0
1H-Indene, 2,3-di...	13.00	6.2	ng/ul	1529530	3	14.07	4937580	20.0
Naphthalene, 1-et...	13.10	43.0	ng/ul	10616200	3	14.07	4937580	20.0
Naphthalene, 1,7-...	13.24	31.8	ng/ul	7849490	3	14.07	4937580	20.0
Naphthalene, 2,3-...	13.40	49.9	ng/ul	12324300	3	14.07	4937580	20.0
(DEL) Alkane: Str...	13.71	7.3	ng/ul	1811040	3	14.07	4937580	20.0
Naphthalene, 2,3,...	14.57	15.7	ng/ul	3871880	3	14.07	4937580	20.0
(DEL) Alkane: Str...	14.63	17.0	ng/ul	4201440	3	14.07	4937580	20.0
Naphthalene, 1,6,...	14.70	14.9	ng/ul	3681750	3	14.07	4937580	20.0
3-(2-Methyl-prope...	14.76	8.9	ng/ul	2192320	3	14.07	4937580	20.0
Naphthalene, 1,4,...	14.87	11.6	ng/ul	2853320	3	14.07	4937580	20.0
1H-Phenalene	14.96	5.6	ng/ul	1391530	3	14.07	4937580	20.0
Benzene, [1-(2,4-...	15.35	7.6	ng/ul	1886660	3	14.07	4937580	20.0
(DEL) Alkane: Str...	15.38	24.8	ng/ul	6125530	3	14.07	4937580	20.0
Dibenzofuran, 4-m...	15.43	4.8	ng/ul	1198250	3	14.07	4937580	20.0
(DEL) Alkane: Str...	15.47	15.5	ng/ul	1719940	4	16.83	2218970	20.0
(DEL) Alkane: Str...	15.58	25.5	ng/ul	2828520	4	16.83	2218970	20.0
(DEL) Alkane: Str...	15.86	71.1	ng/ul	7892350	4	16.83	2218970	20.0
(DEL) Alkane: Str...	16.24	12.3	ng/ul	1369330	4	16.83	2218970	20.0
9H-Fluorene, 1-me...	16.29	13.9	ng/ul	1538100	4	16.83	2218970	20.0
unknown-02	16.41	14.0	ng/ul	1550280	4	16.83	2218970	20.0
Naphtho[2,1-b]thi...	16.65	11.3	ng/ul	1249310	4	16.83	2218970	20.0
(DEL) Alkane: Str...	16.68	46.1	ng/ul	5117420	4	16.83	2218970	20.0
Anthracene, 2-met...	17.71	42.8	ng/ul	4742880	4	16.83	2218970	20.0
Phenanthrene, 2-m...	17.76	44.0	ng/ul	4875660	4	16.83	2218970	20.0

1H-Cyclopropa[1]p...	17.83	15.4	ng/ul	1703330	4	16.83	2218970	20.0
Benzaldehyde, 3,5...	17.90	65.0	ng/ul	7213240	4	16.83	2218970	20.0
Phenanthrene, 4-m...	17.94	22.2	ng/ul	2465820	4	16.83	2218970	20.0

Instrument :

BNA_N

ClientSampleId :

GAT65