

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005202.D
 Acq On : 23 Apr 2019 07:56
 Operator : JU/SJ
 Sample : K2455-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.775	638	644	650	rVV2	2277732	3904197	1.76%	0.199%
2	6.840	650	655	665	rVB	2694401	4049878	1.82%	0.206%
3	7.264	720	727	736	rVV2	13284786	24461615	11.00%	1.244%
4	7.346	736	741	752	rVB	2882779	4330380	1.95%	0.220%
5	7.716	798	804	810	rVB	2595298	4010911	1.80%	0.204%
6	8.128	869	874	882	rVV2	5132214	8959931	4.03%	0.456%
7	8.234	882	892	897	rVV	2390084	3835803	1.73%	0.195%
8	8.693	965	970	975	rBV	4060148	6542493	2.94%	0.333%
9	8.858	995	998	1007	rVB	4617643	8762483	3.94%	0.446%
10	9.269	1063	1068	1076	rVB	3737647	6496831	2.92%	0.330%
11	9.352	1076	1082	1086	rBV	2709712	4241405	1.91%	0.216%
12	9.805	1144	1159	1165	rBV3	8883572	24548668	11.04%	1.248%
13	9.875	1165	1171	1175	rBV	8543814	16863728	7.59%	0.857%
14	9.987	1186	1190	1198	rVB2	2163425	4441840	2.00%	0.226%
15	10.075	1198	1205	1211	rBV2	1987255	4216111	1.90%	0.214%
16	10.369	1249	1255	1258	rBV2	8092550	13364445	6.01%	0.680%
17	10.452	1258	1269	1273	rVV2	43333791	114998496	51.73%	5.847%
18	11.305	1405	1414	1419	rBV3	1646470	4049654	1.82%	0.206%
19	11.410	1427	1432	1436	rBV2	3355589	5441724	2.45%	0.277%
20	11.557	1453	1457	1467	rVB	3105566	6594196	2.97%	0.335%
21	11.840	1500	1505	1511	rBV	8341392	12350774	5.56%	0.628%
22	12.099	1532	1549	1553	rBV3	59837687	222308483	100.00%	11.304%
23	12.299	1568	1583	1588	rBV2	49790874	123055202	55.35%	6.257%
24	13.069	1708	1714	1728	rVB2	14362427	32010492	14.40%	1.628%
25	13.269	1741	1748	1760	rVB	15888451	35241727	15.85%	1.792%
26	13.416	1764	1773	1774	rBV	30420953	55749533	25.08%	2.835%
27	13.581	1791	1801	1805	rBV	34719203	78791828	35.44%	4.006%
28	13.628	1805	1809	1813	rVV	23423840	33416918	15.03%	1.699%
29	13.704	1817	1822	1826	rVB	22441467	33107117	14.89%	1.683%
30	13.810	1833	1840	1843	rBV	19739974	34367814	15.46%	1.747%
31	13.975	1856	1868	1880	rVB2	32763360	59949845	26.97%	3.048%
32	14.169	1896	1901	1905	rBV	5929940	8271099	3.72%	0.421%
33	14.228	1905	1911	1918	rVV2	14531111	27171490	12.22%	1.382%
34	14.304	1918	1924	1926	rVV2	6729308	11169030	5.02%	0.568%

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

35	14.334	1926	1929	1933	rVV2	7333433	9724601	4.37%	0.494%
36	14.457	1943	1950	1959	rVB	7393060	18026480	8.11%	0.917%
37	14.646	1972	1982	1989	rBV3	11578197	24637500	11.08%	1.253%
38	14.728	1990	1996	2000	rVB	9482475	13786130	6.20%	0.701%
39	14.851	2011	2017	2023	rBV2	12092091	25782696	11.60%	1.311%
40	14.922	2026	2029	2032	rVB	6556063	7590757	3.41%	0.386%
41	15.016	2040	2045	2047	rBV	4368594	6739235	3.03%	0.343%
42	15.122	2058	2063	2068	rVB2	9123306	14095356	6.34%	0.717%
43	15.187	2069	2074	2077	rBV	3503810	5833919	2.62%	0.297%
44	15.234	2078	2082	2087	rVB2	9993889	17162671	7.72%	0.873%
45	15.304	2087	2094	2105	rBV	22690903	44756260	20.13%	2.276%
46	15.422	2110	2114	2117	rVV3	3832495	4738824	2.13%	0.241%
47	15.510	2124	2129	2132	rBV3	1882896	3527267	1.59%	0.179%
48	15.593	2137	2143	2147	rBV2	4672826	8512604	3.83%	0.433%
49	15.710	2157	2163	2166	rBV	8237970	12738830	5.73%	0.648%
50	15.987	2202	2210	2213	rBV3	3535778	7591085	3.41%	0.386%
51	16.298	2256	2263	2268	rVV	7300646	16974373	7.64%	0.863%
52	16.351	2268	2272	2278	rVB	8298298	11222176	5.05%	0.571%
53	16.451	2284	2289	2294	rVB3	4306100	6664337	3.00%	0.339%
54	16.657	2320	2324	2330	rVB2	3821817	5757806	2.59%	0.293%
55	16.804	2342	2349	2354	rBV	5926087	10606230	4.77%	0.539%
56	16.998	2376	2382	2384	rBV	4021981	6959273	3.13%	0.354%
57	17.057	2384	2392	2396	rVV2	46881400	98444161	44.28%	5.005%
58	17.098	2396	2399	2401	rVV	4570318	5711486	2.57%	0.290%
59	17.134	2401	2405	2410	rVB	17204295	23650065	10.64%	1.203%
60	17.187	2410	2414	2419	rVB2	2862538	4649000	2.09%	0.236%
61	17.522	2467	2471	2475	rBV2	3189228	4114016	1.85%	0.209%
62	17.575	2476	2480	2486	rVB2	2894359	4652959	2.09%	0.237%
63	17.875	2525	2531	2535	rBV	20467361	29346204	13.20%	1.492%
64	17.928	2535	2540	2548	rVB	22577630	32544251	14.64%	1.655%
65	18.004	2548	2553	2558	rBV	7267203	10037570	4.52%	0.510%
66	18.069	2558	2564	2568	rVV2	18919495	34517959	15.53%	1.755%
67	18.110	2568	2571	2575	rVB	11608686	14492721	6.52%	0.737%
68	18.381	2613	2617	2621	rVB	9153096	11573665	5.21%	0.588%
69	18.628	2655	2659	2664	rBV3	2616968	3796601	1.71%	0.193%
70	18.681	2664	2668	2671	rVV	3168483	4246902	1.91%	0.216%
71	18.804	2684	2689	2694	rBV2	7470304	13198411	5.94%	0.671%

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72	18.863	2694	2699	2702	rVV2	5418883	9797596	4.41%	0.498%
73	18.898	2702	2705	2709	rVB	3970119	4724396	2.13%	0.240%
74	18.945	2709	2713	2721	rBV2	5580822	10647151	4.79%	0.541%
75	19.075	2728	2735	2742	rBV	23488796	35080350	15.78%	1.784%
76	19.222	2755	2760	2764	rVB	10166486	13937520	6.27%	0.709%
77	19.339	2777	2780	2786	rVB	2354324	3701277	1.66%	0.188%
78	19.445	2786	2798	2806	rBV3	28039922	55220268	24.84%	2.808%
79	19.769	2848	2853	2862	rBV	4450062	9105430	4.10%	0.463%
80	19.910	2871	2877	2878	rBV4	4523553	7388484	3.32%	0.376%
81	19.939	2879	2882	2887	rVB	9704121	12604377	5.67%	0.641%
82	20.039	2895	2899	2905	rBV	8349298	11023447	4.96%	0.560%
83	20.098	2905	2909	2913	rVV2	5915988	7313189	3.29%	0.372%
84	20.239	2929	2933	2937	rBV	4733283	6120366	2.75%	0.311%
85	20.286	2937	2941	2949	rVB	6546207	9920412	4.46%	0.504%
86	20.904	3042	3046	3049	rBV	4060147	4701749	2.11%	0.239%
87	21.210	3093	3098	3104	rBV2	17976548	34897591	15.70%	1.774%
88	21.263	3104	3107	3113	rVB	13312729	19048829	8.57%	0.969%
89	21.427	3131	3135	3141	rVB2	4252460	6349783	2.86%	0.323%
90	21.780	3192	3195	3199	rVB	5483631	6965473	3.13%	0.354%
91	21.975	3224	3228	3230	rBV	2683286	4001988	1.80%	0.203%
92	22.004	3230	3233	3241	rVB2	5241896	7398228	3.33%	0.376%
93	22.316	3283	3286	3292	rVB	3702025	4845704	2.18%	0.246%
94	22.786	3360	3366	3369	rBV	6620125	14501513	6.52%	0.737%
95	22.945	3389	3393	3400	rVB	3201938	5511678	2.48%	0.280%
96	23.251	3439	3445	3449	rBV	4982357	9295362	4.18%	0.473%
97	23.298	3449	3453	3456	rVV2	2346444	3703231	1.67%	0.188%
98	23.345	3456	3461	3465	rVV2	7602606	12249878	5.51%	0.623%
99	23.433	3472	3476	3481	rVB	3651031	5792848	2.61%	0.295%
100	25.616	3839	3847	3857	rVB	3939548	11392991	5.12%	0.579%

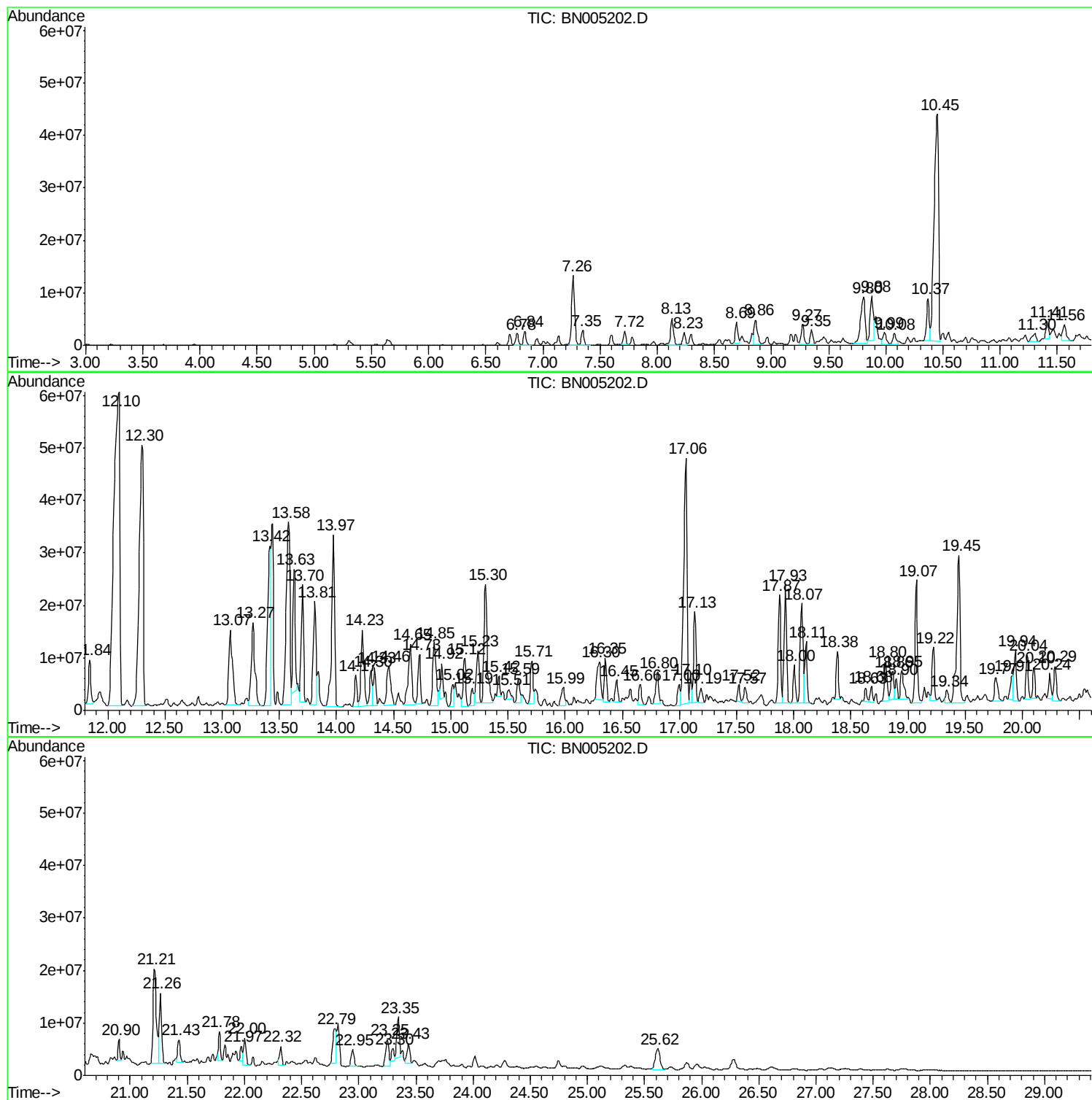
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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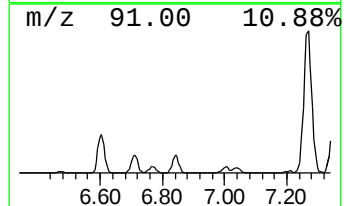
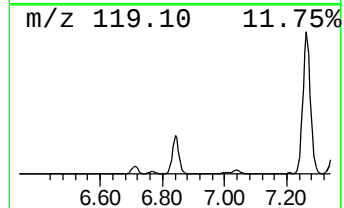
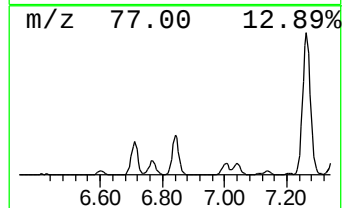
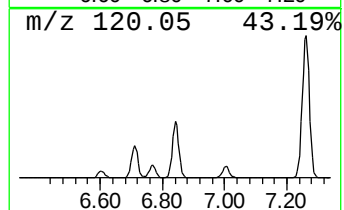
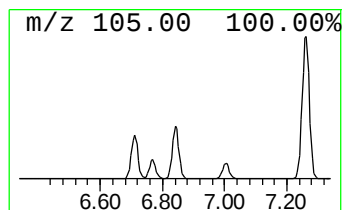
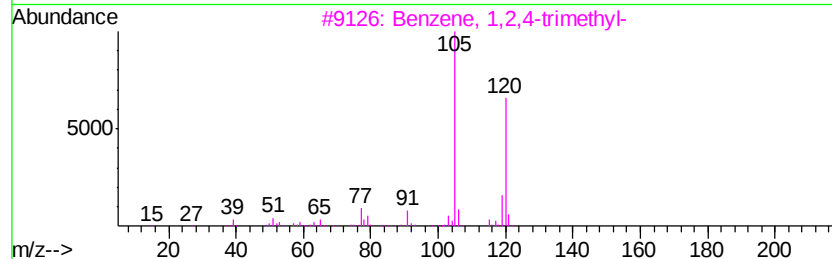
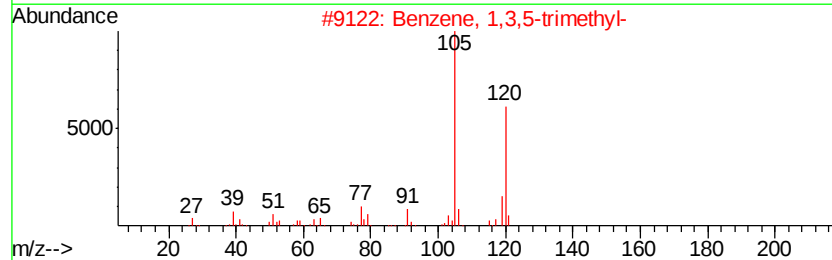
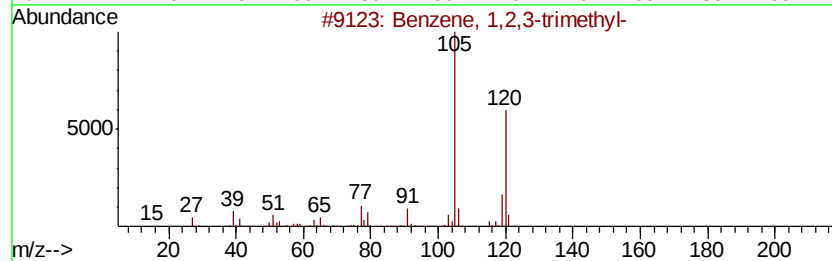
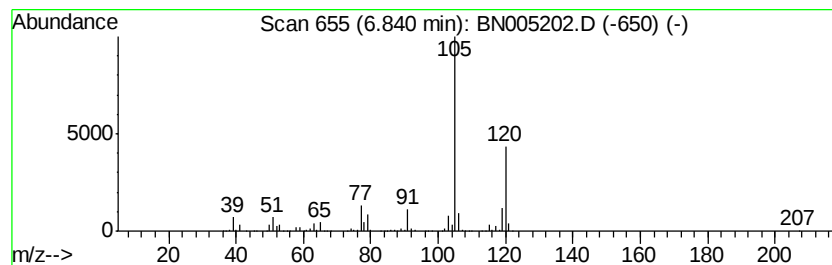
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	20.19 ng/ul	4049880	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94



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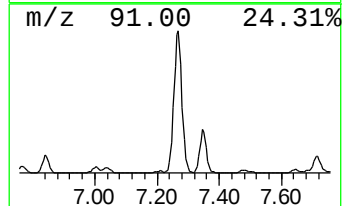
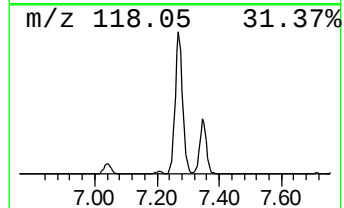
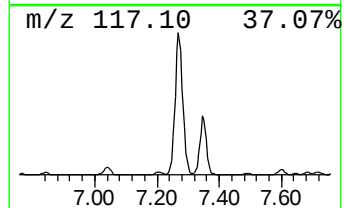
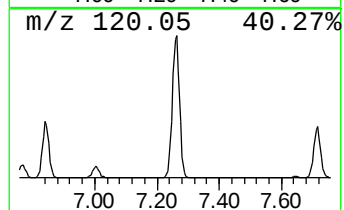
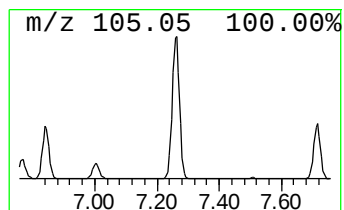
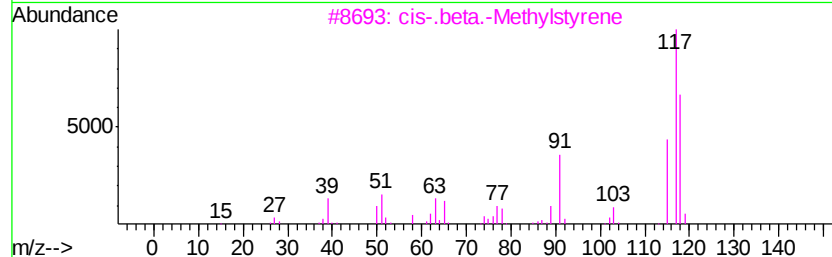
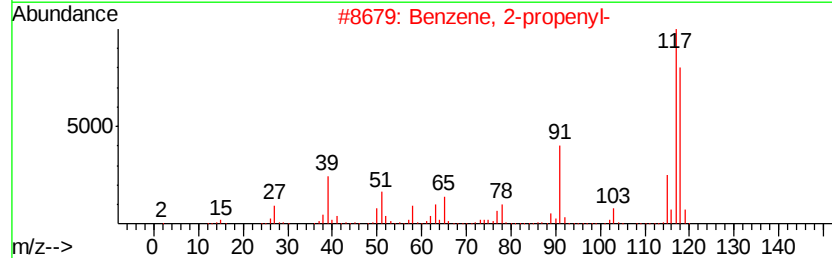
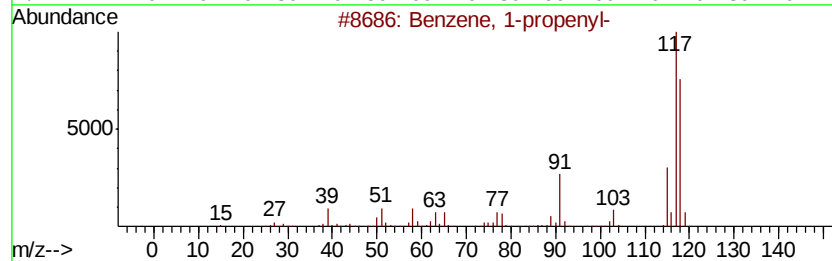
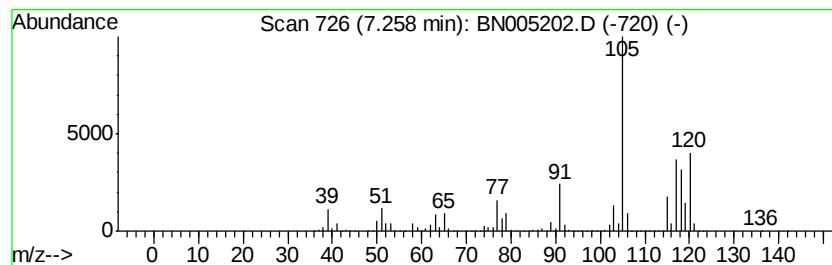
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1-propenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	121.98 ng/ul	24461600	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	50
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	46
3		cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	46
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	46



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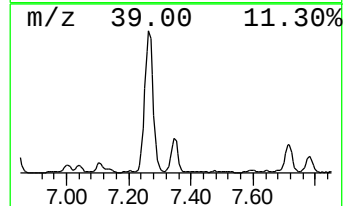
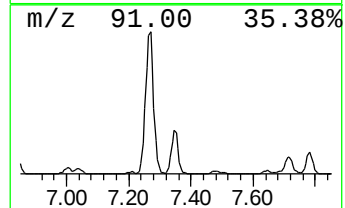
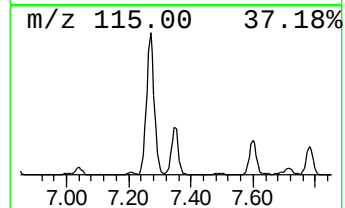
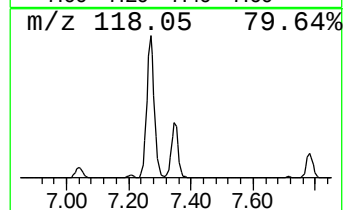
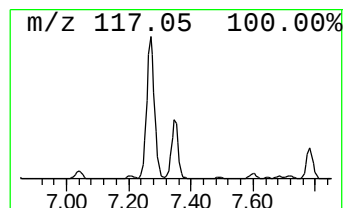
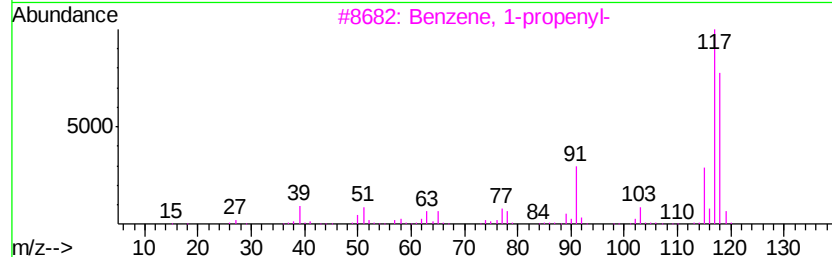
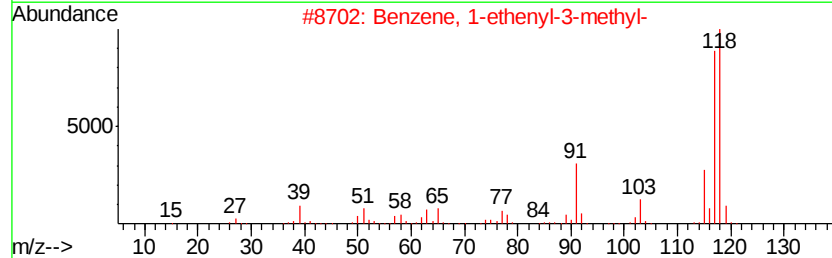
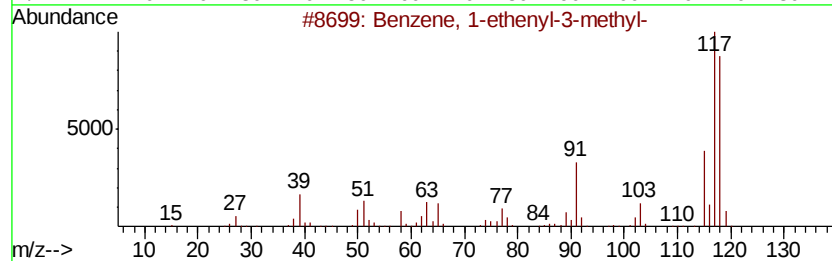
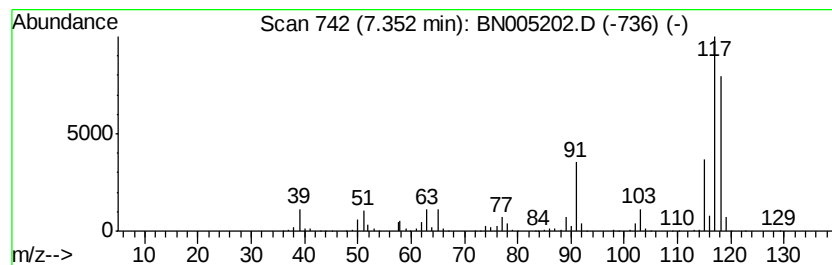
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	21.59 ng/ul	4330380	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
Operator : JU/SJ
Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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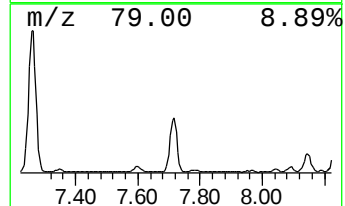
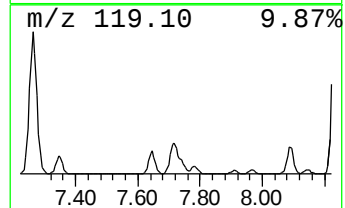
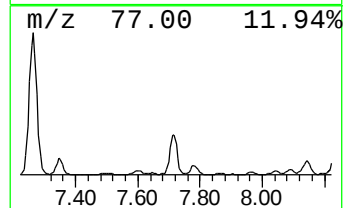
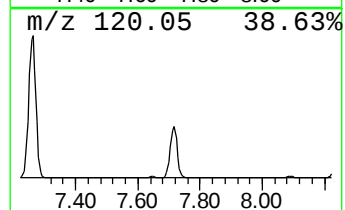
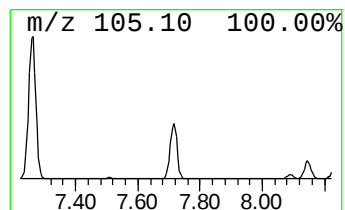
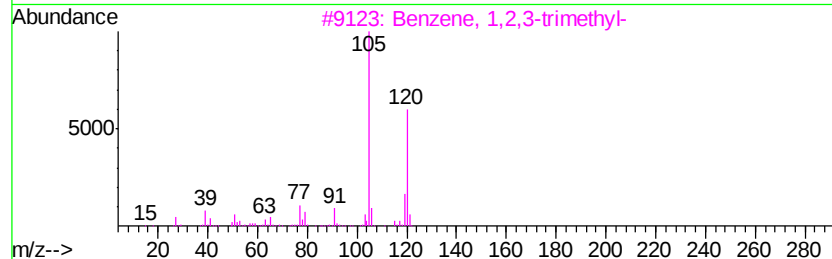
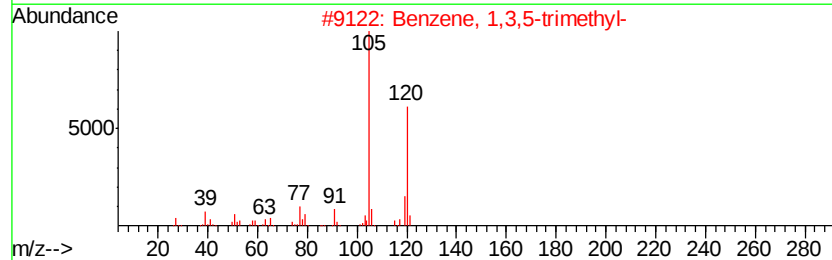
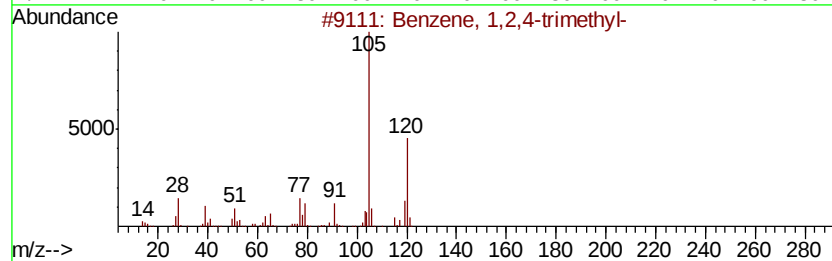
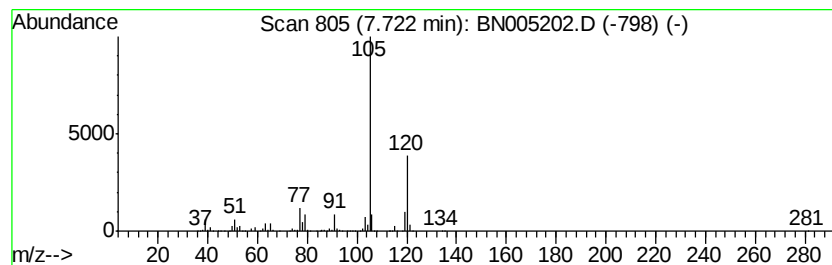
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	20.00 ng/ul	4010910	1,4-Dichlorobenzene-d4	7.60

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Acq On : 23 Apr 2019 07:56
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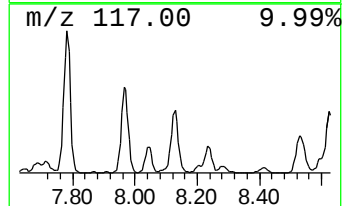
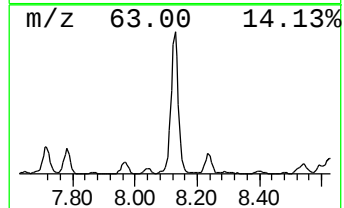
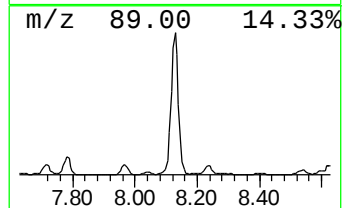
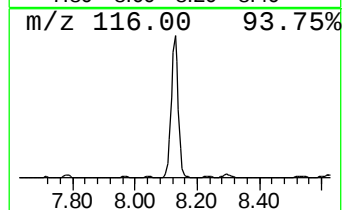
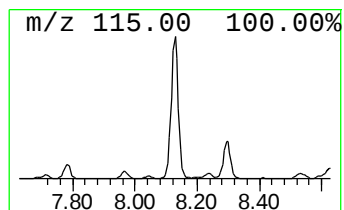
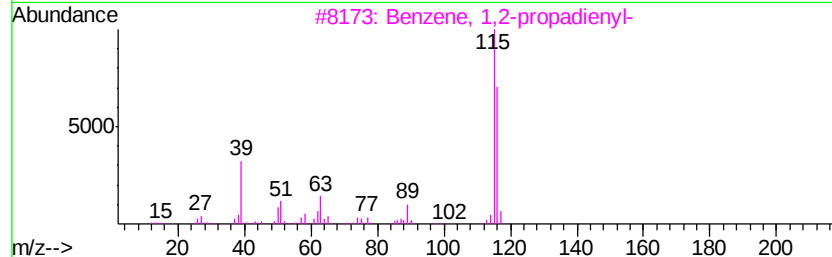
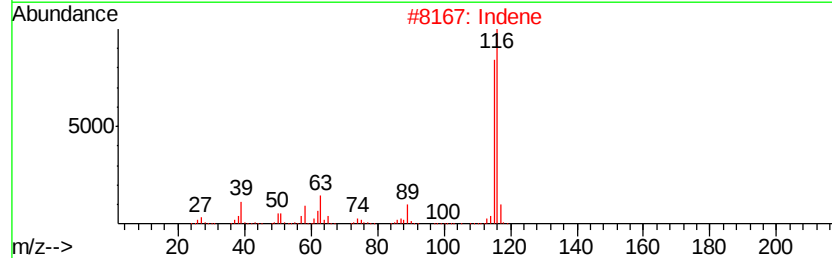
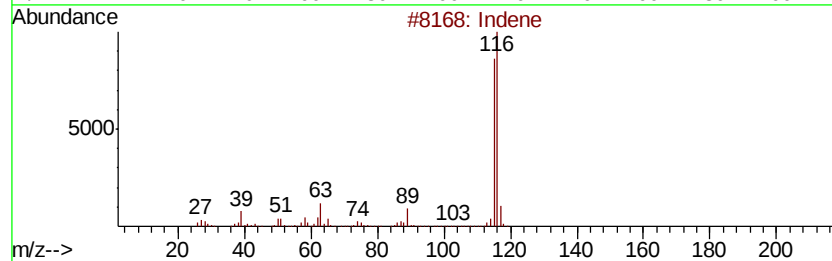
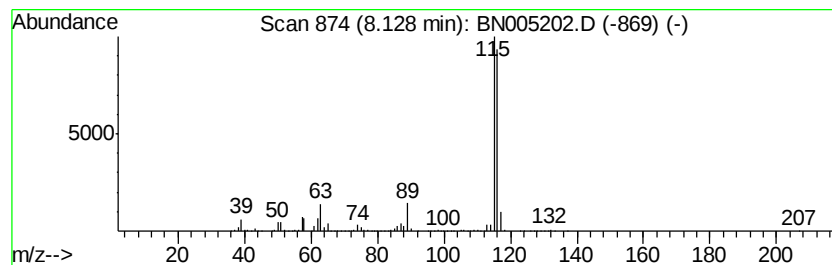
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	44.68 ng/ul	8959930	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Indene	116	C9H8	000095-13-6	94
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Indene	116	C9H8	000095-13-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
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ClientSampleId :
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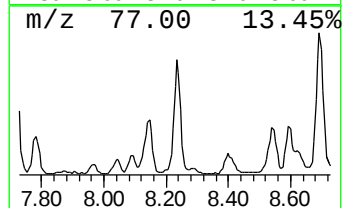
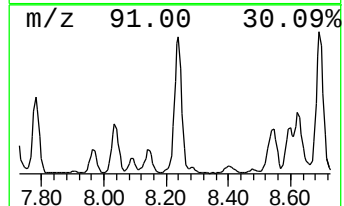
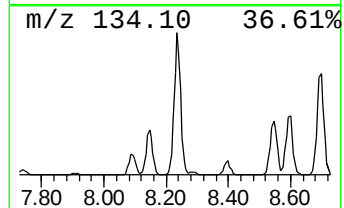
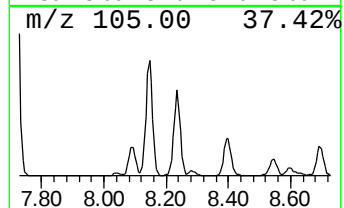
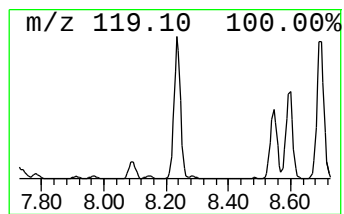
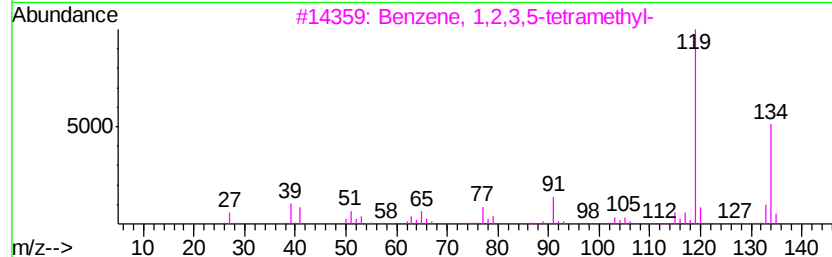
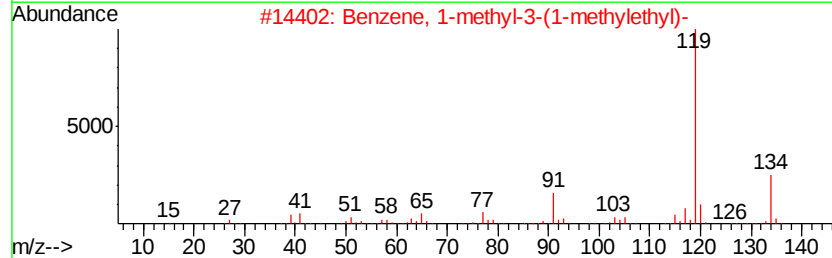
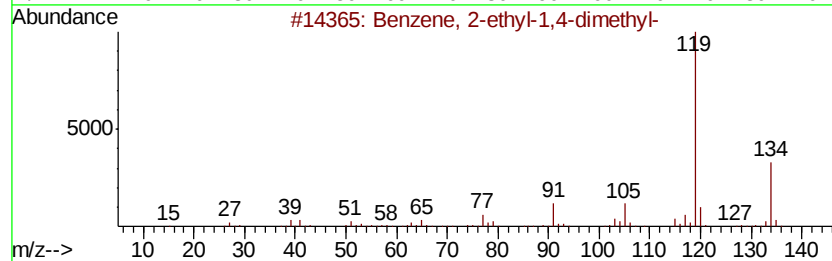
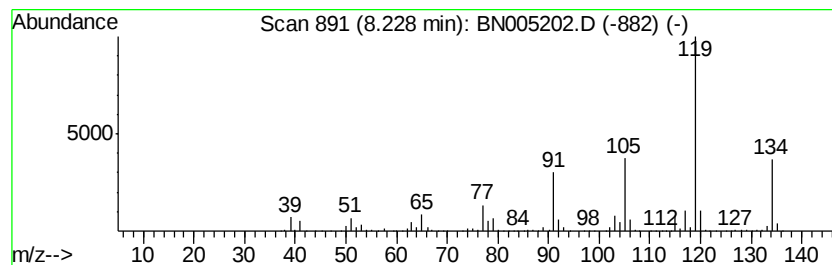
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	19.13 ng/ul	3835800	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2		Benzene, 1-methyl-3-(1-methylethyl-...)	134	C10H14	000535-77-3	91
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
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Sample : K2455-06
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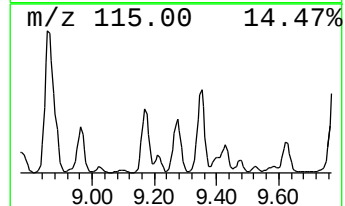
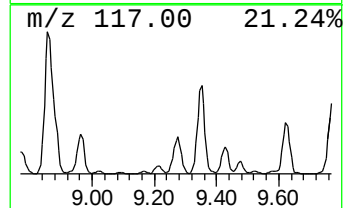
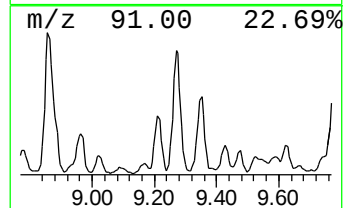
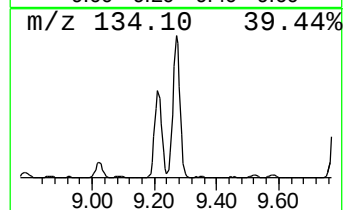
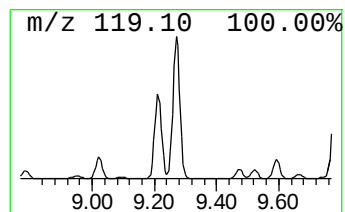
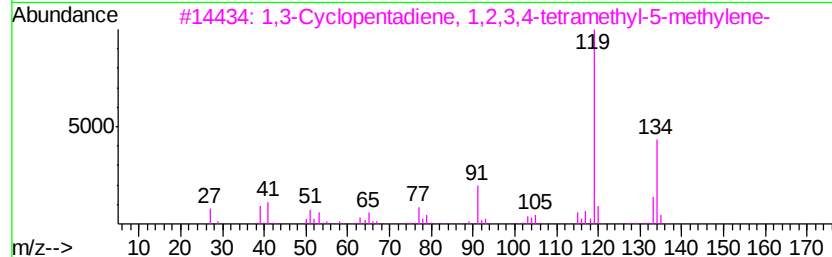
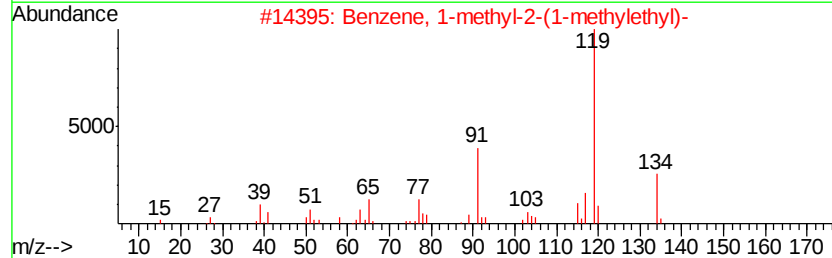
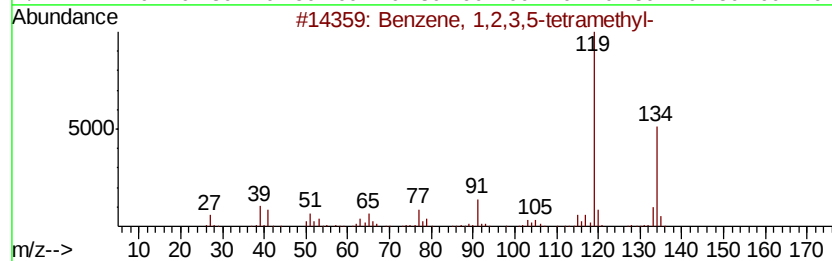
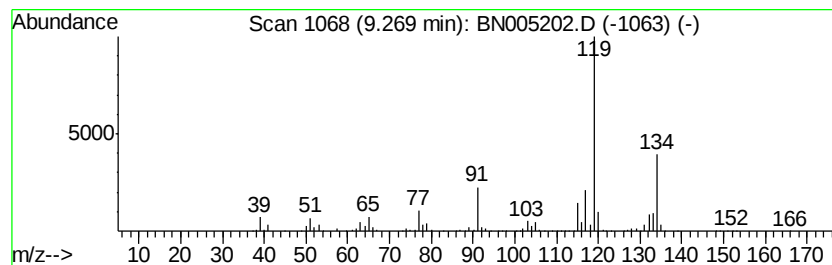
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	9.72 ng/ul	6496830	Naphthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
2		Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	87
3		1,3-Cyclopentadiene, 1,2,3,4-tetramethyl-	134	C10H14	076089-59-3	87
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
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Misc :
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ClientSampleId :
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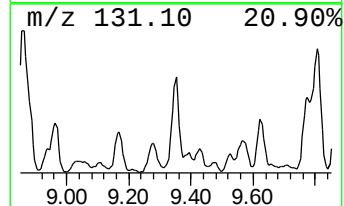
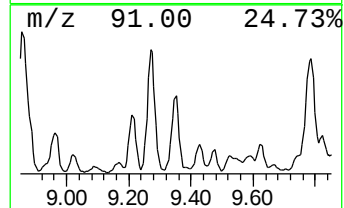
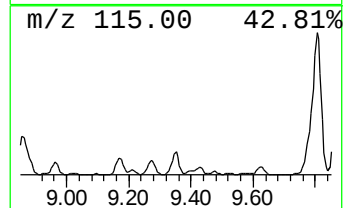
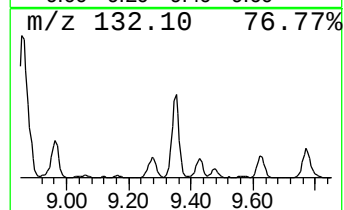
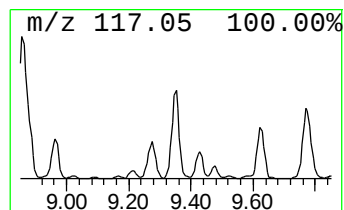
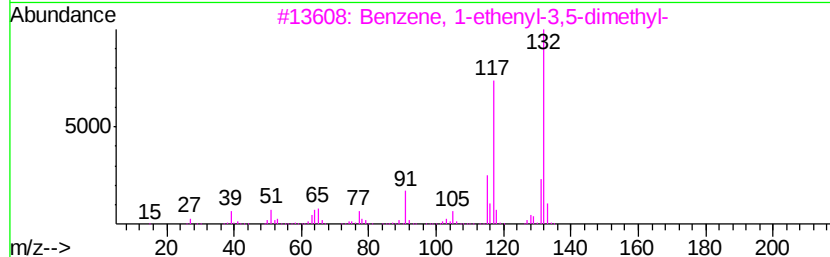
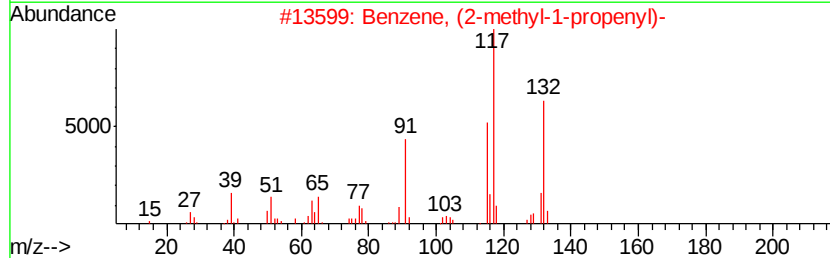
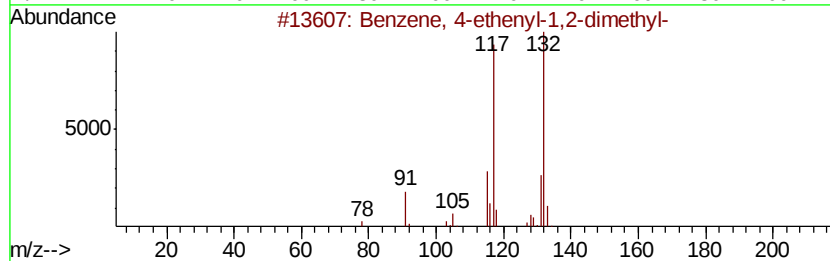
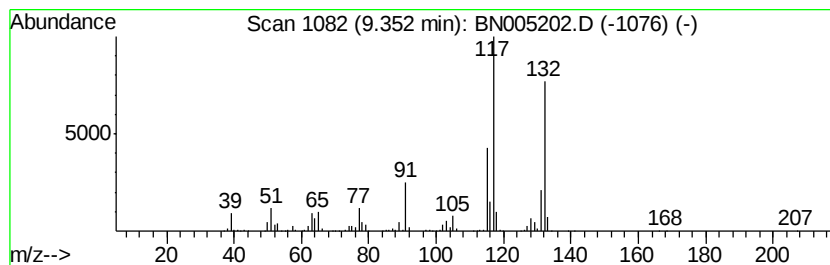
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	6.35 ng/ul	4241410	Napthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
4		Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	94
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94



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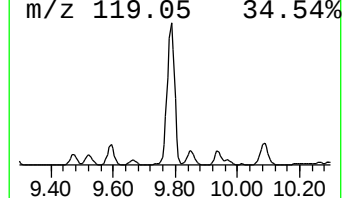
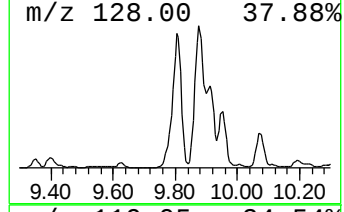
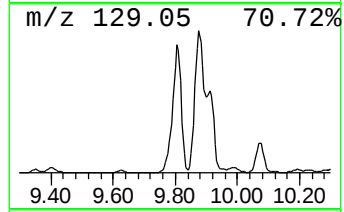
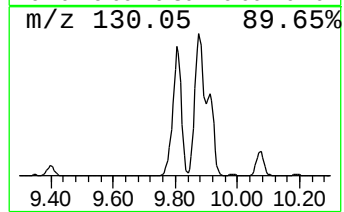
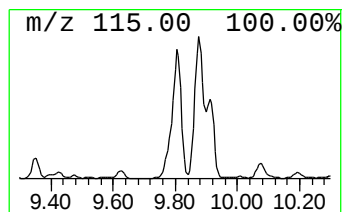
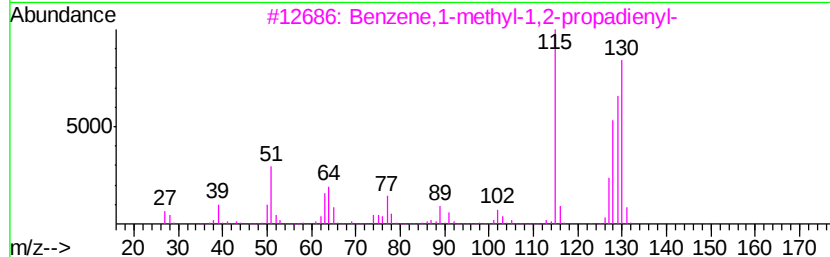
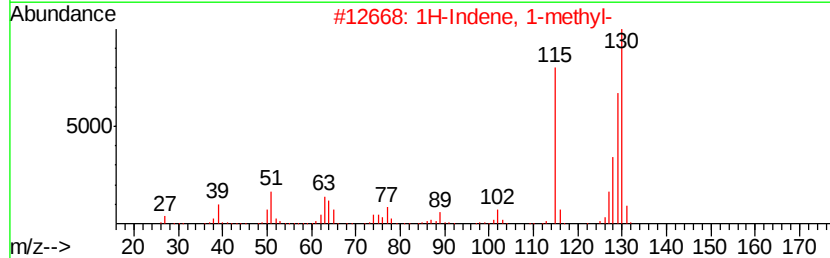
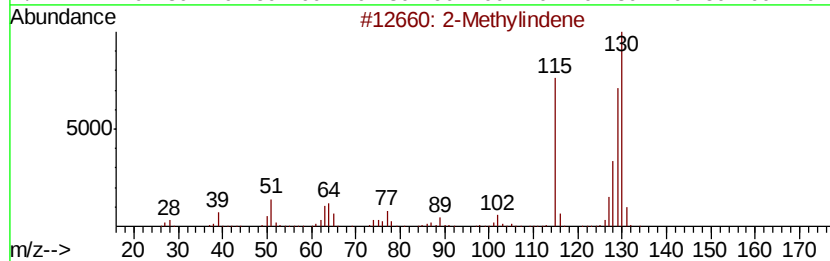
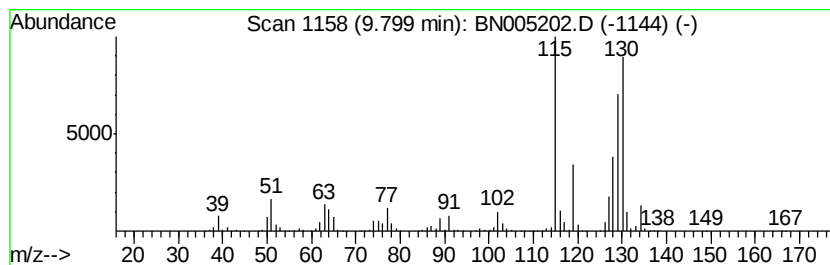
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 2-Methylindene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	36.74 ng/ul	24548700	Naphthalene-d8	10.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	97
2			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3			Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
4			Benzene, (1-methyl-2-cyclopropenyl)-	130	C10H10	065051-83-4	93
5			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
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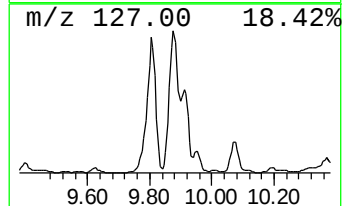
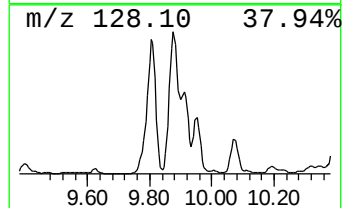
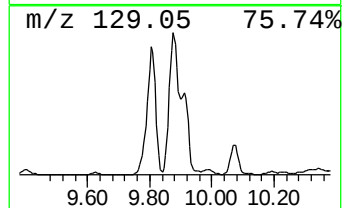
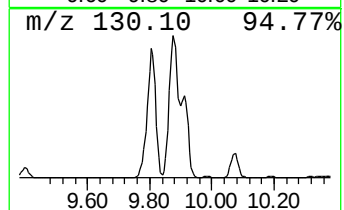
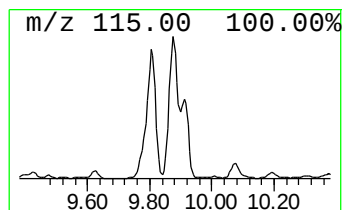
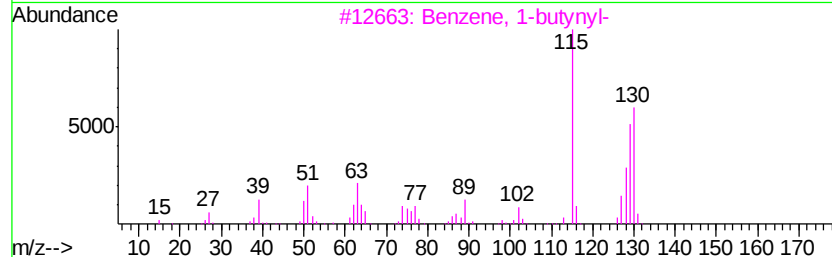
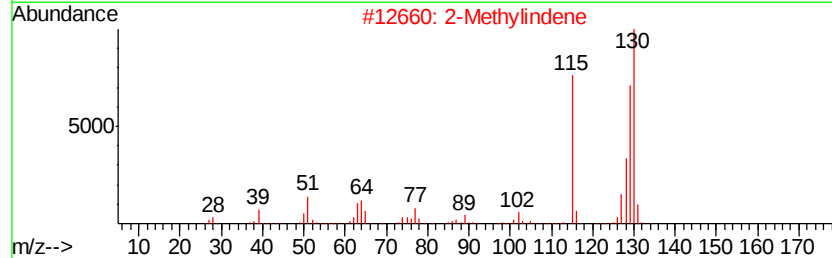
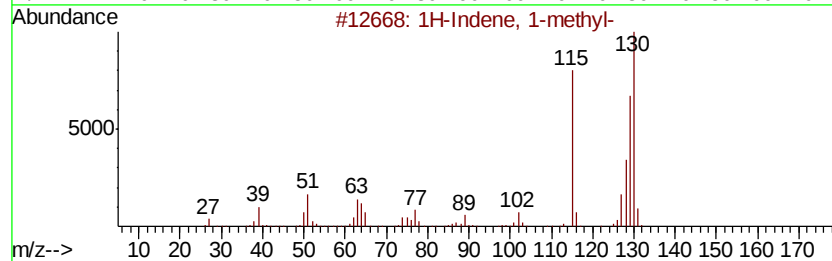
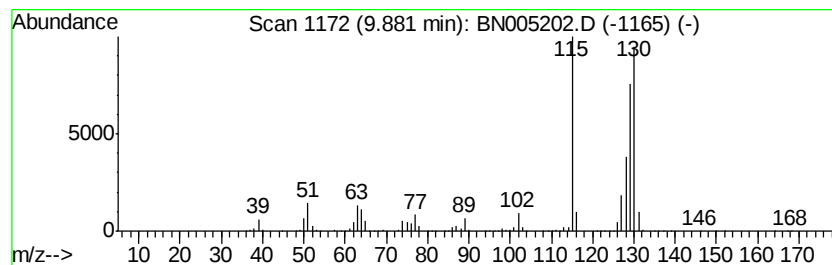
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1H-Indene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	25.24 ng/ul	16863700	Naphthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		2-Methylindene	130	C10H10	002177-47-1	96
3		Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5		2-Methylindene	130	C10H10	002177-47-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
Operator : JU/SJ
Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8

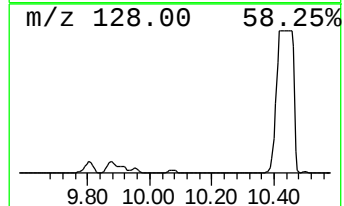
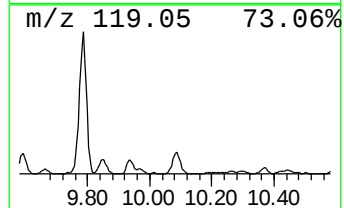
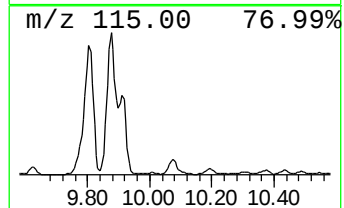
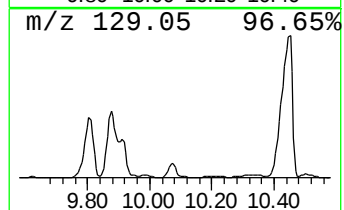
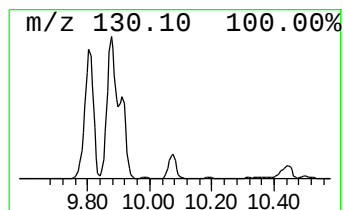
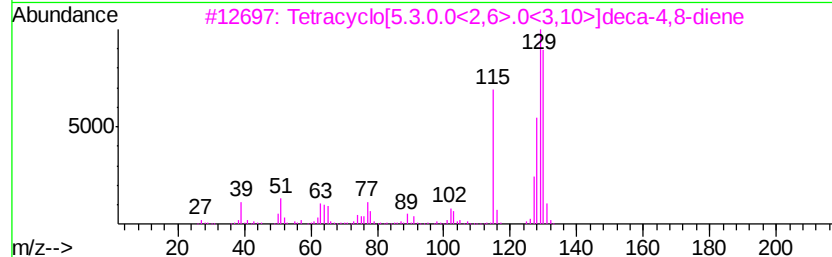
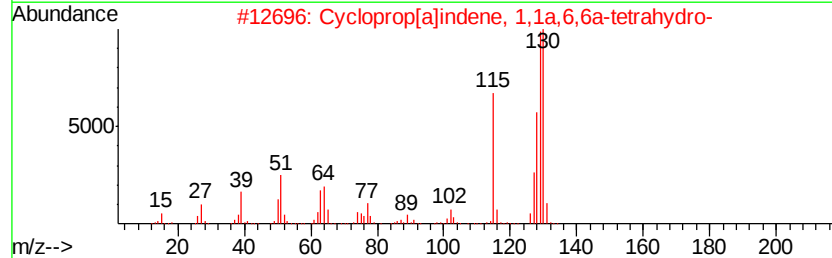
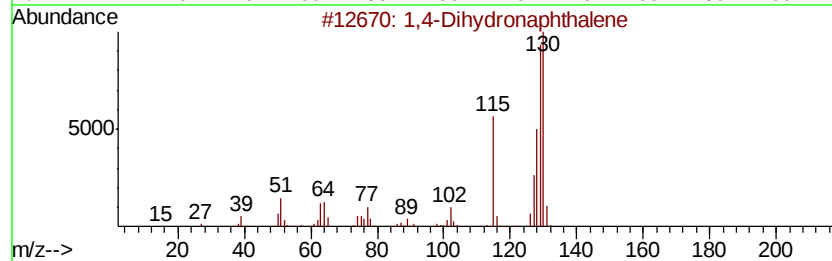
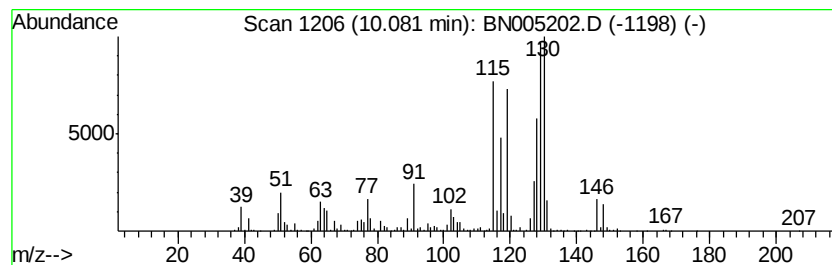
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,4-Dihydronaphthalene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	6.31 ng/ul	4216110	Naphthalene-d8	10.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	98
2			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	97
3			Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	96
4			Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	91
5			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
Operator : JU/SJ
Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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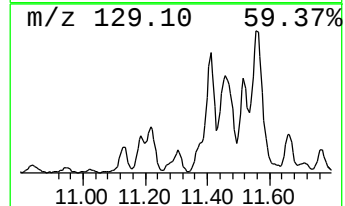
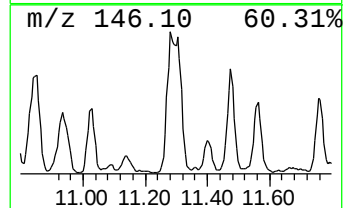
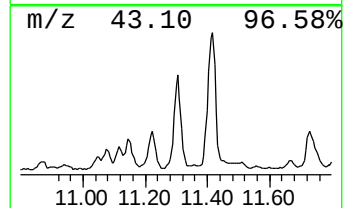
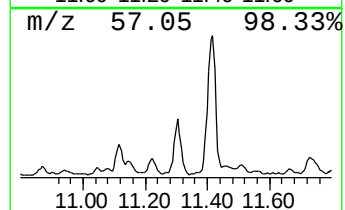
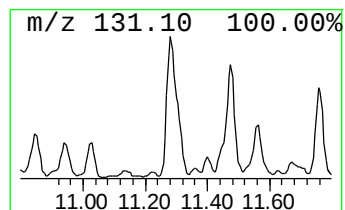
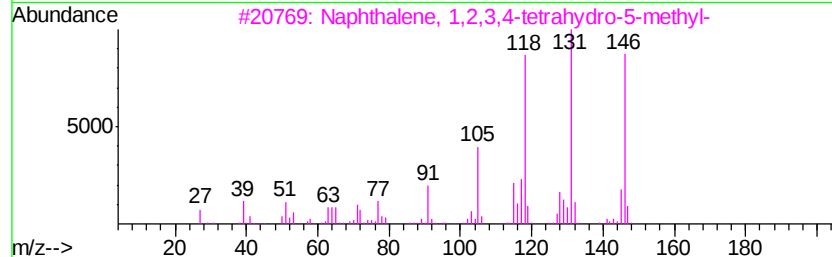
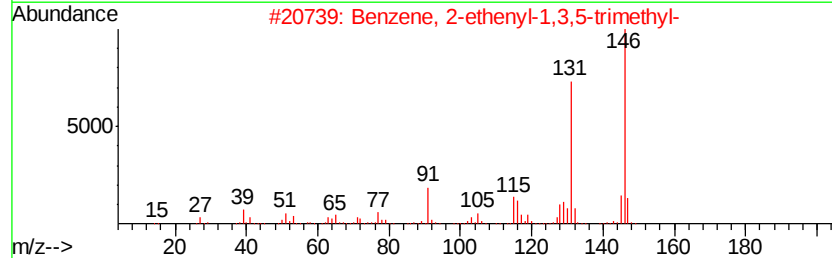
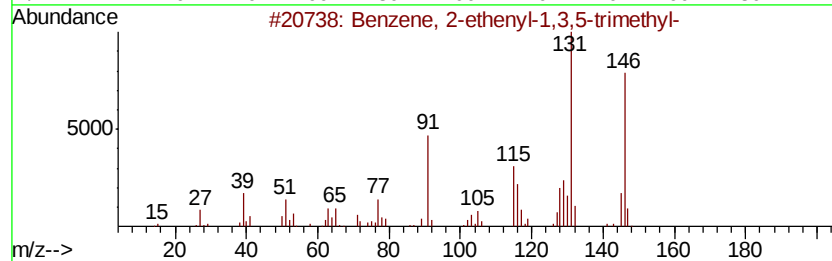
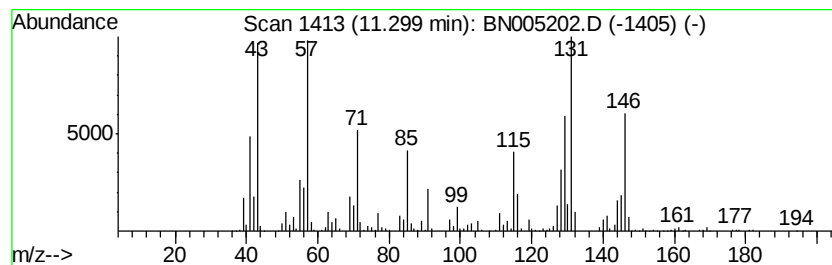
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	6.06 ng/ul	4049650	Naphthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	45
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	38
4		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	38
5		1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
Operator : JU/SJ
Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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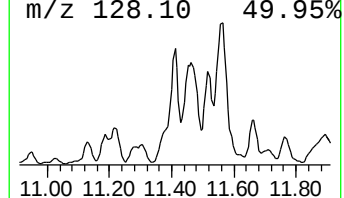
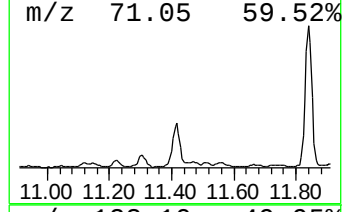
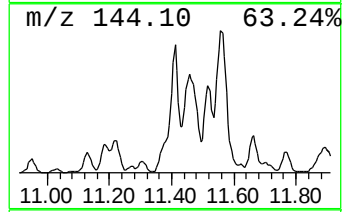
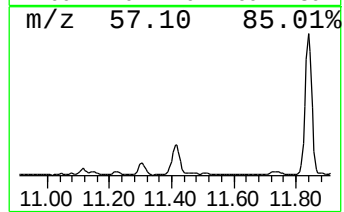
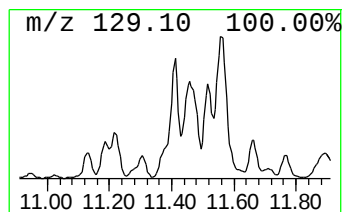
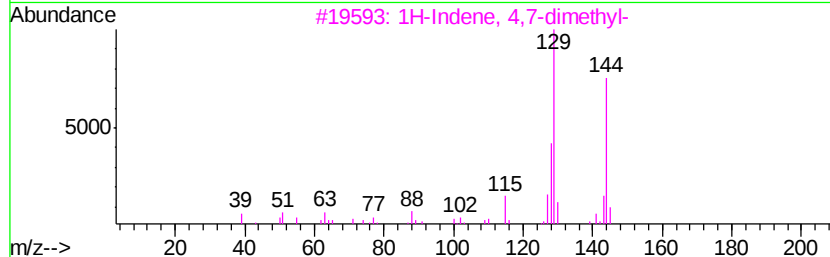
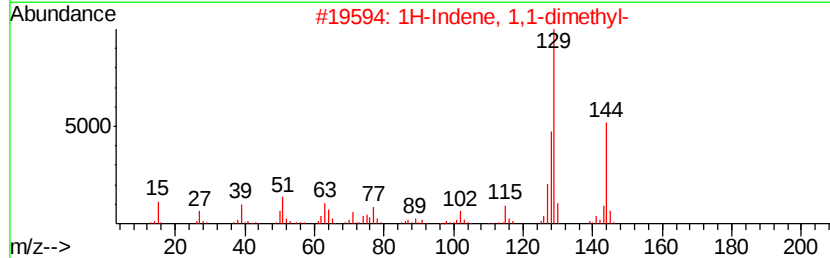
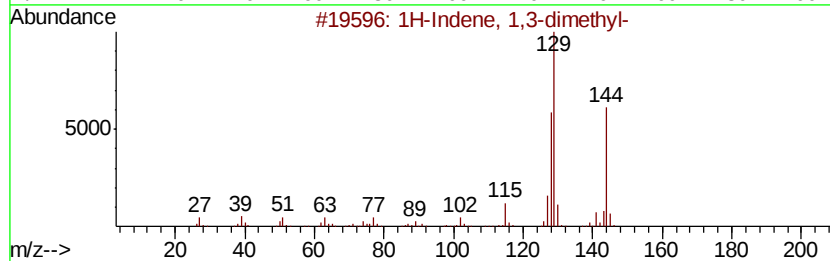
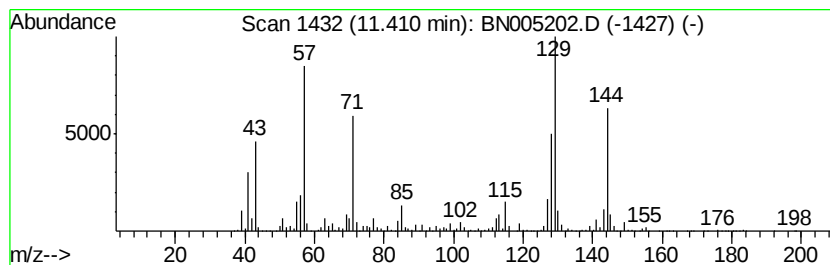
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1H-Indene, 1,3-dimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	8.14 ng/ul	5441720	Naphthalene-d8	10.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	96
2			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
3			1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	83
4			1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	83
5			Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
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Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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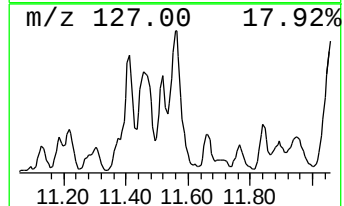
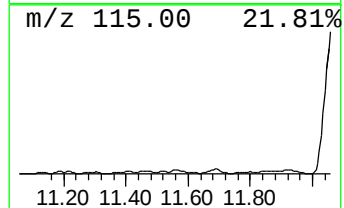
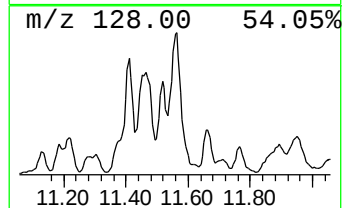
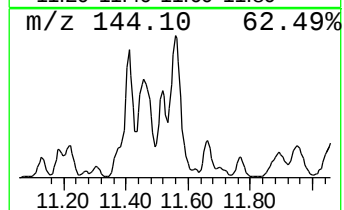
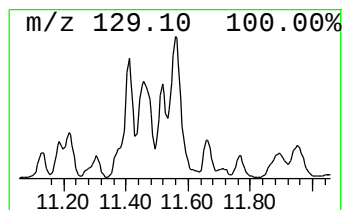
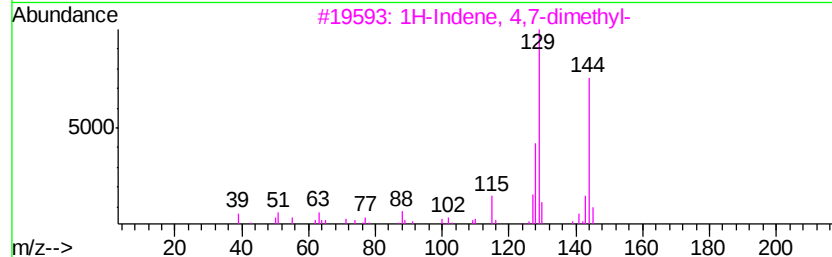
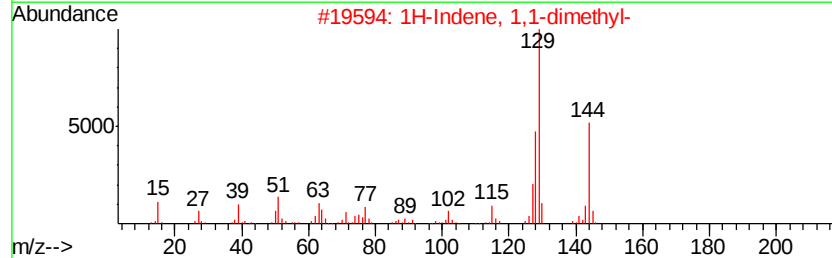
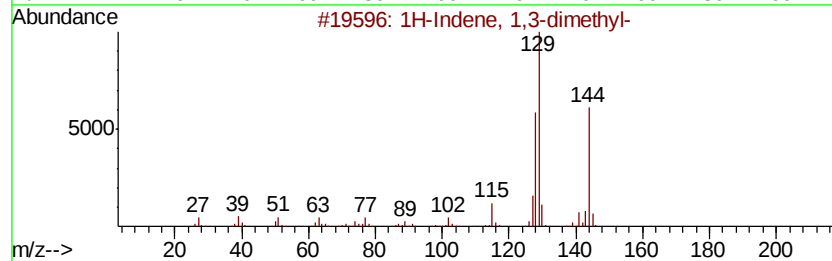
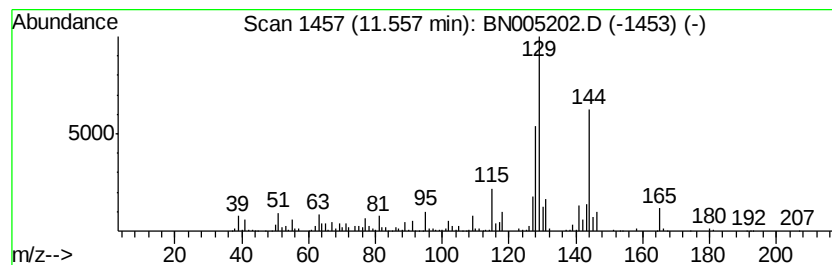
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1H-Indene, 1,1-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	9.87 ng/ul	6594200	Naphthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
2		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
3		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	83
4		(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	81
5		1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
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Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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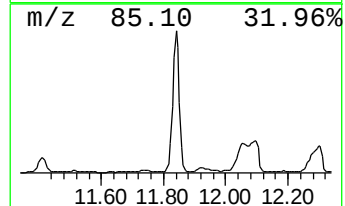
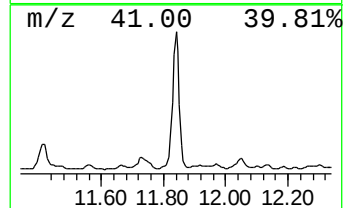
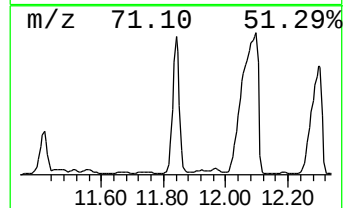
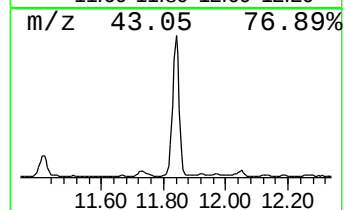
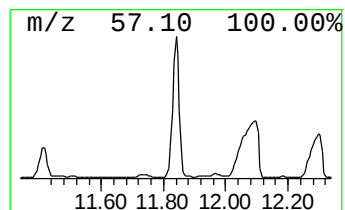
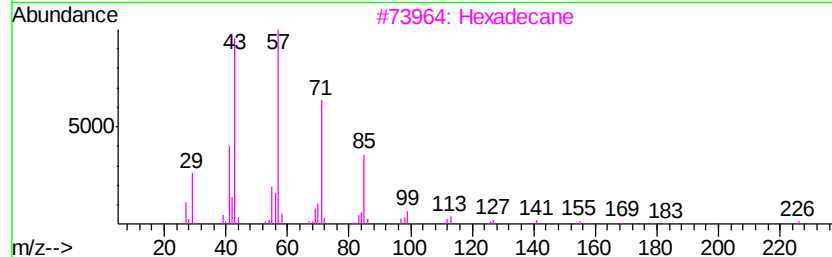
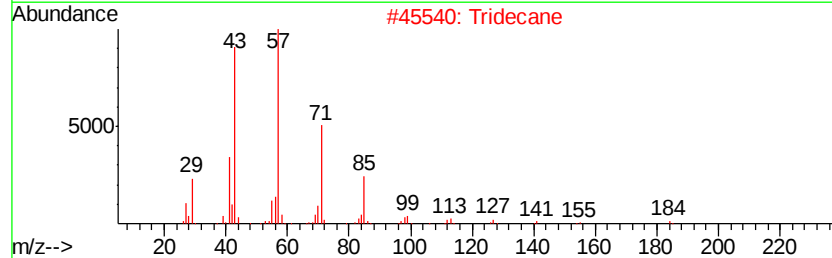
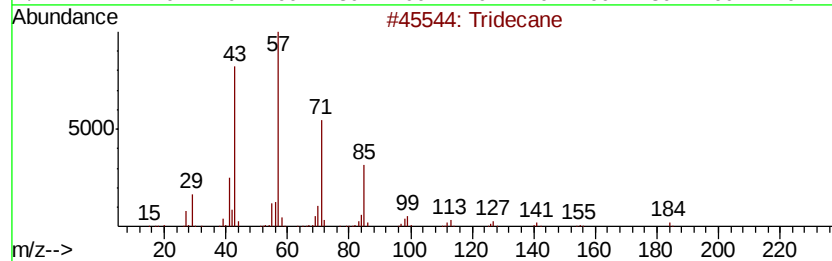
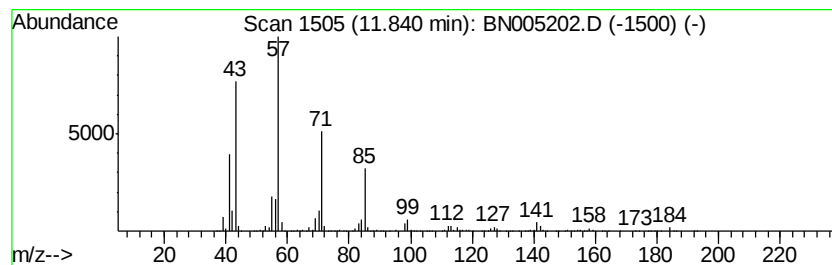
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	18.48 ng/ul	12350800	Napthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	97
2		Tridecane	184	C13H28	000629-50-5	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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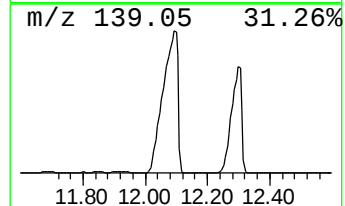
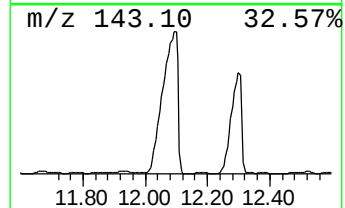
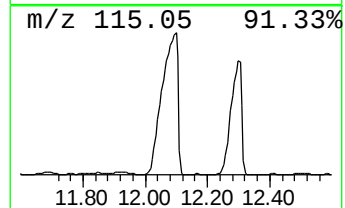
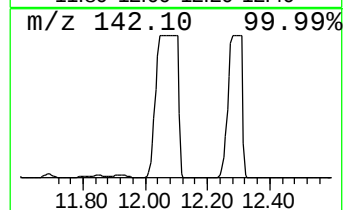
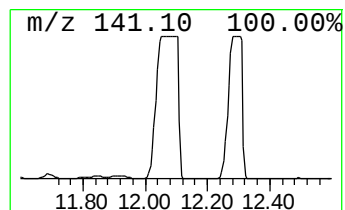
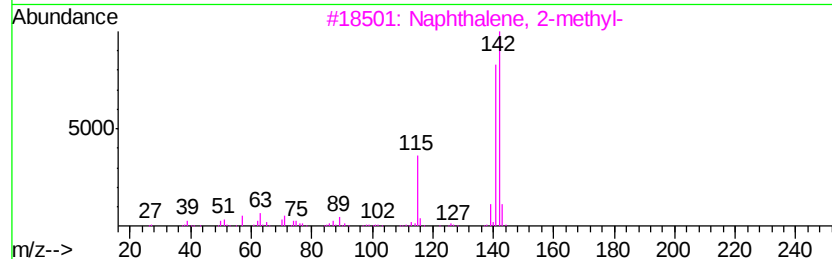
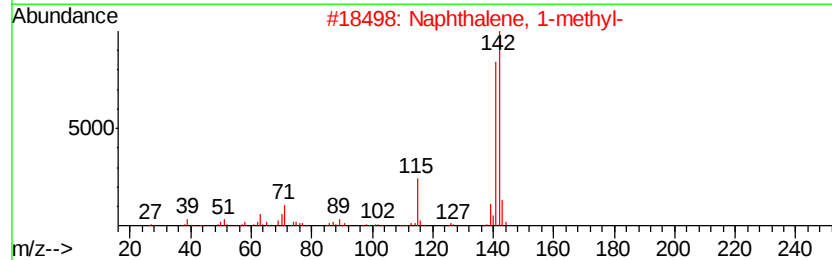
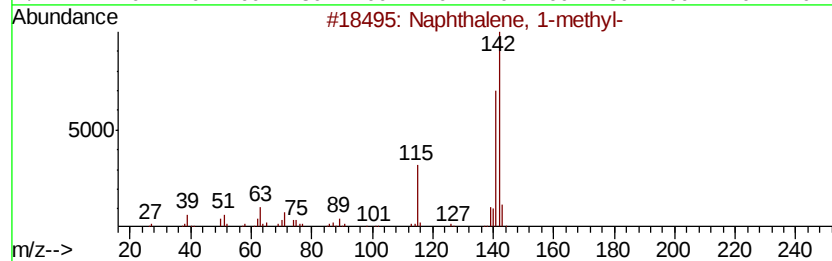
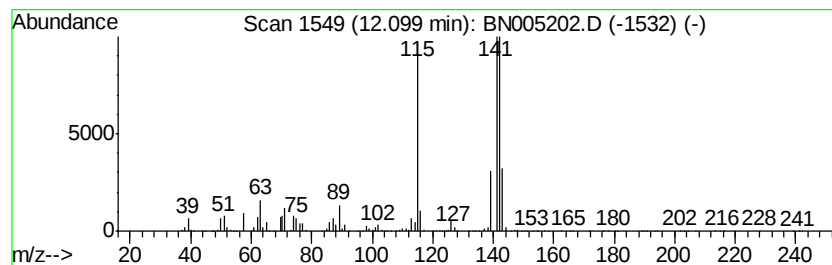
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	332.69 ng/ul	222308000	Naphthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5		Benzocycloheptatriene	142	C11H10	000264-09-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Acq On : 23 Apr 2019 07:56
Operator : JU/SJ
Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

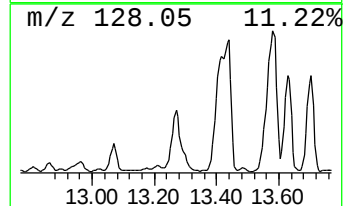
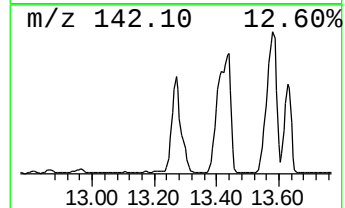
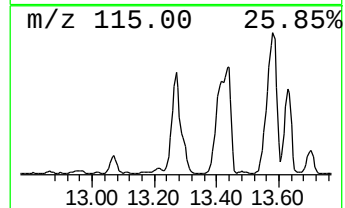
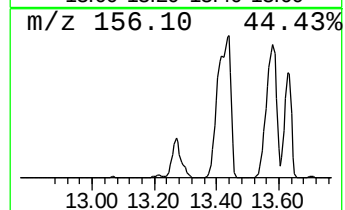
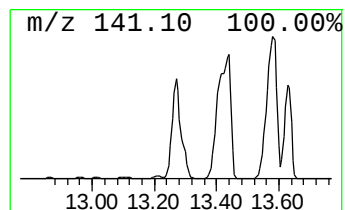
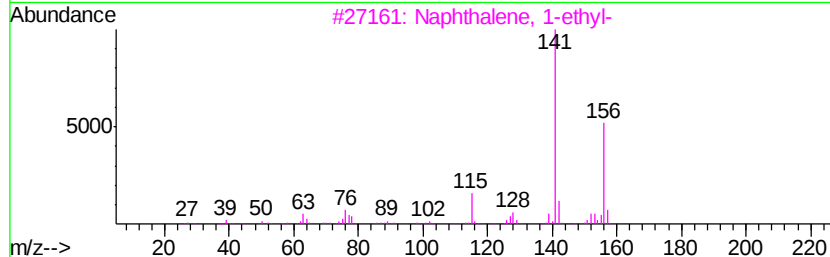
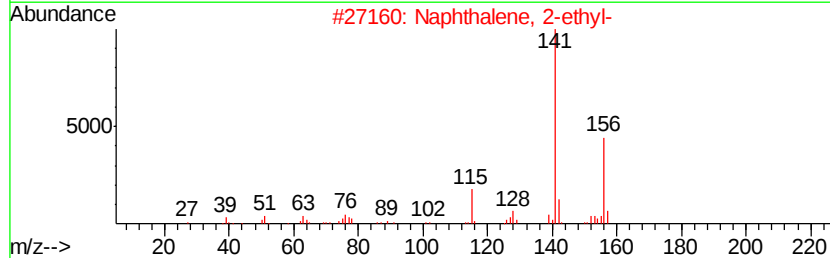
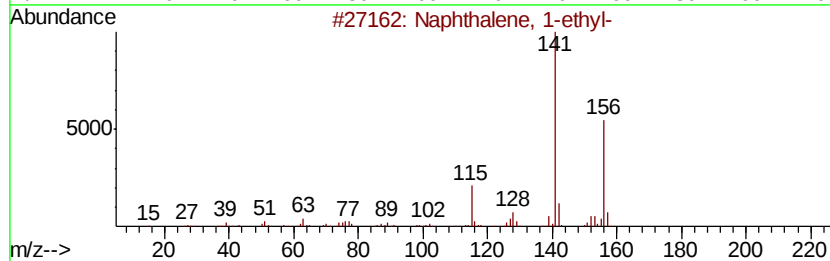
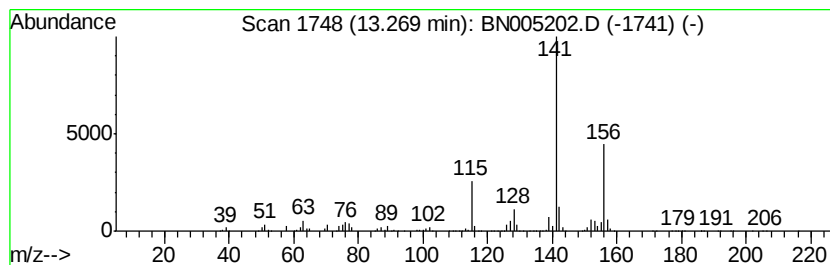
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Naphthalene, 1-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.27	25.94 ng/ul	35241700	Acenaphthene-d10	14.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
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Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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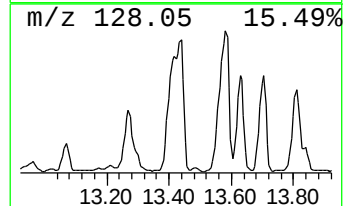
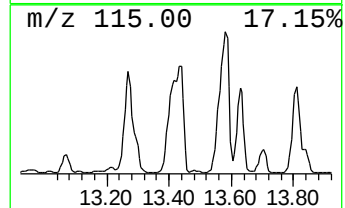
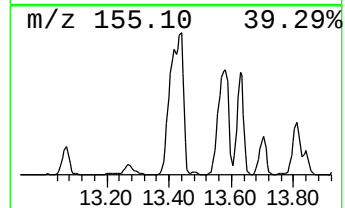
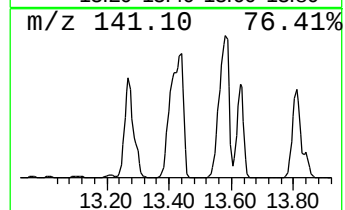
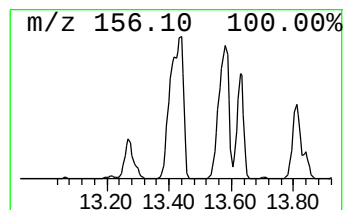
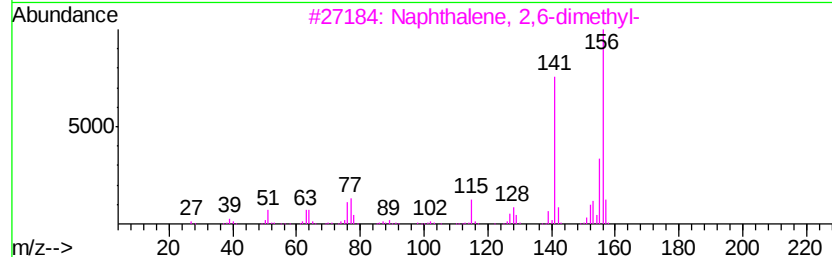
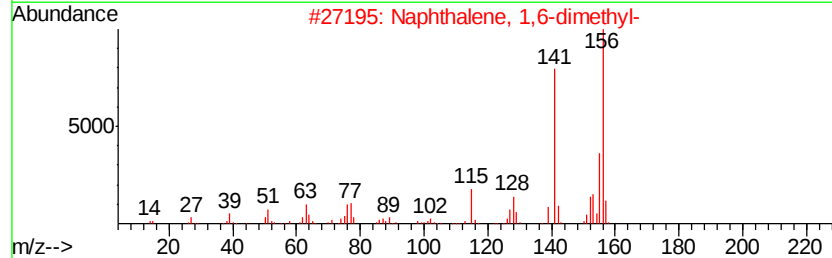
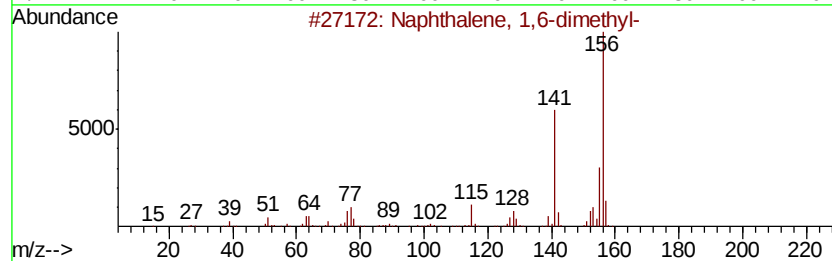
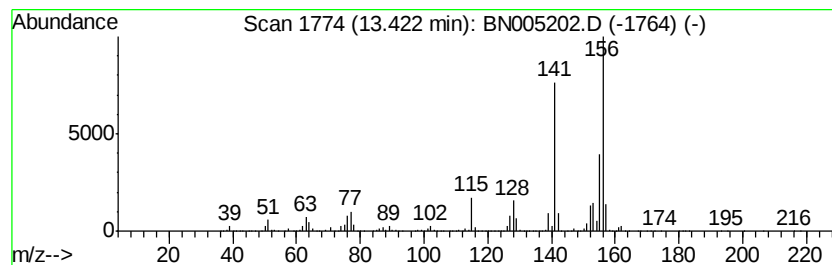
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	41.04 ng/ul	55749500	Acenaphthene-d10	14.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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Data File : BN005202.D
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Operator : JU/SJ
Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

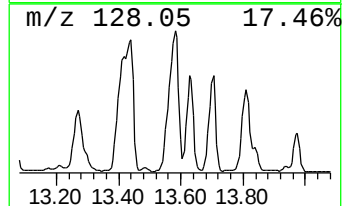
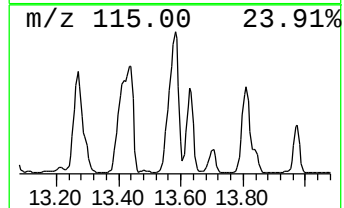
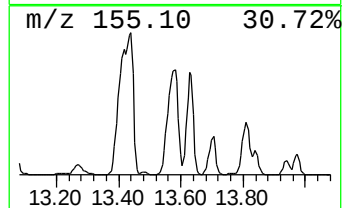
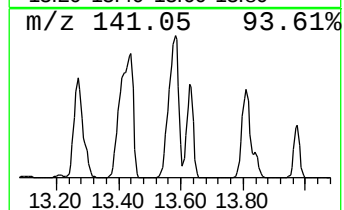
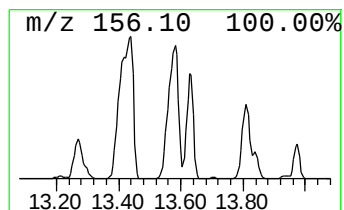
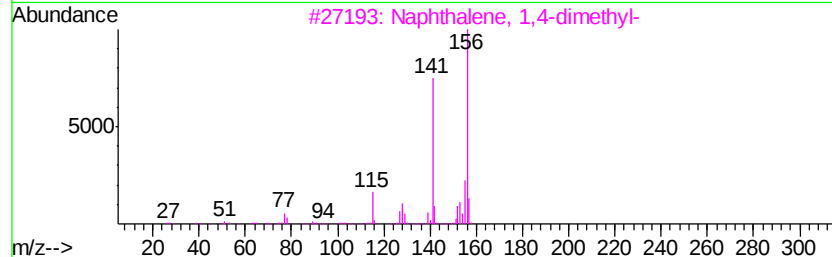
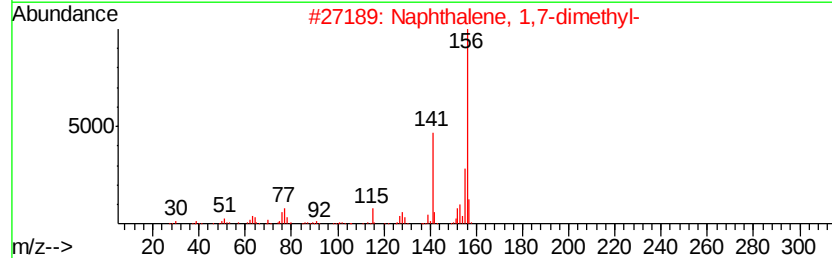
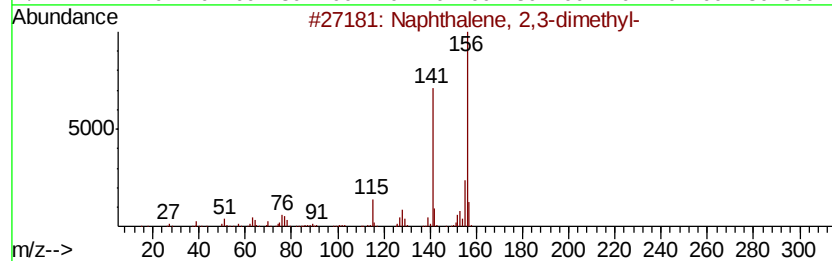
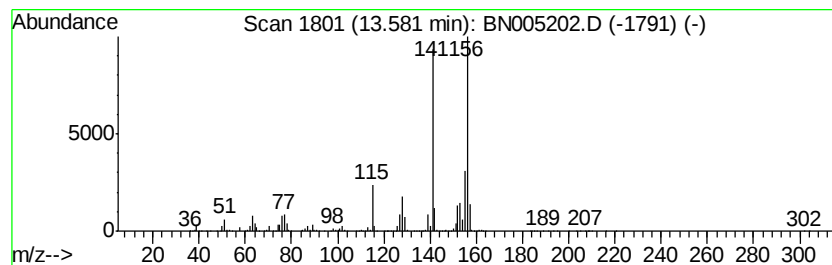
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	58.00 ng/ul	78791800	Acenaphthene-d10	14.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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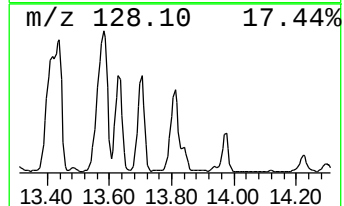
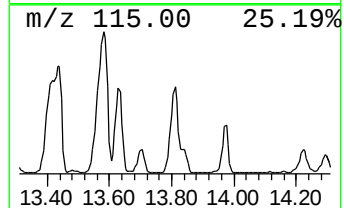
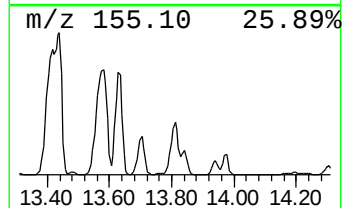
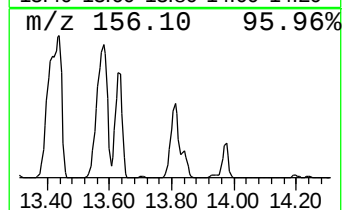
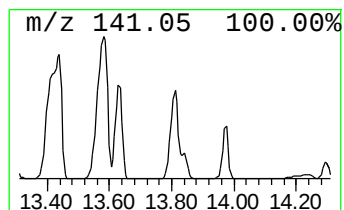
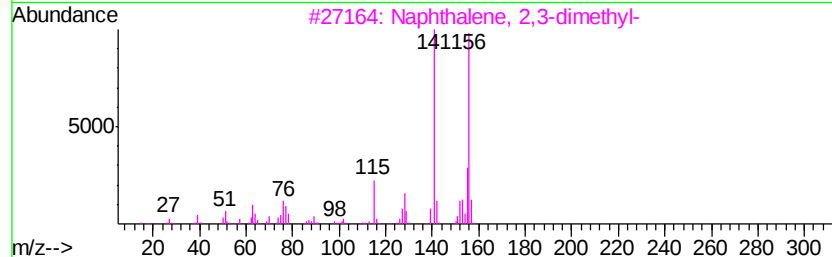
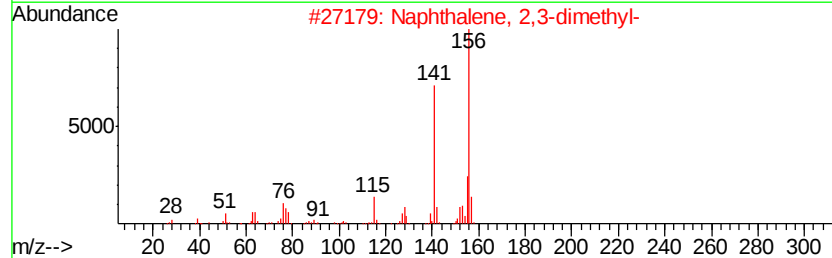
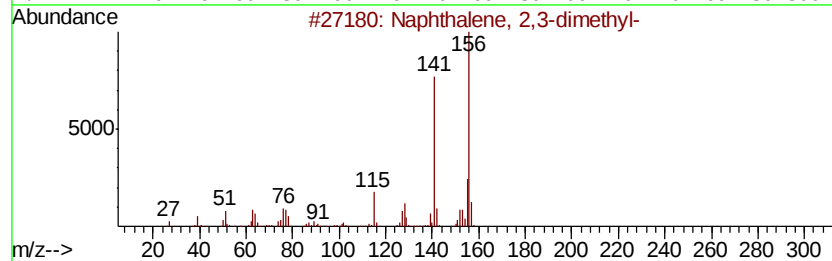
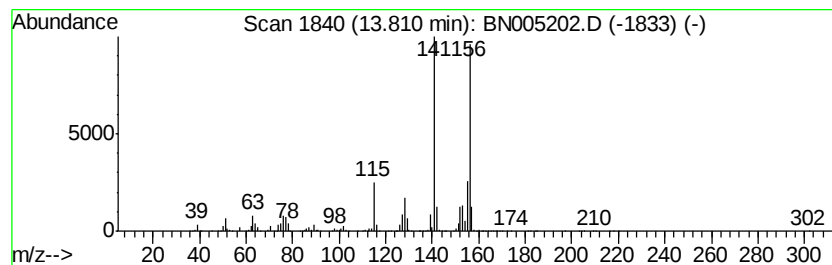
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Naphthalene, 1,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	25.30 ng/ul	34367800	Acenaphthene-d10	14.24

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
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Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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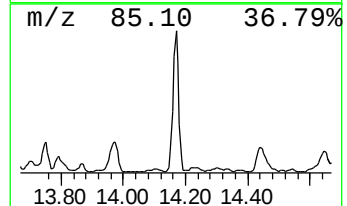
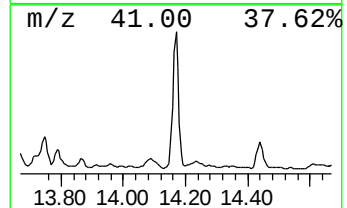
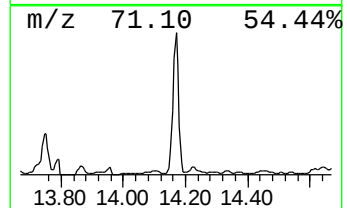
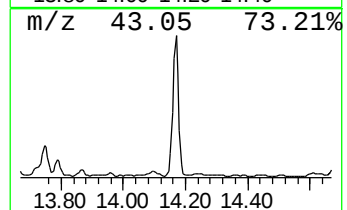
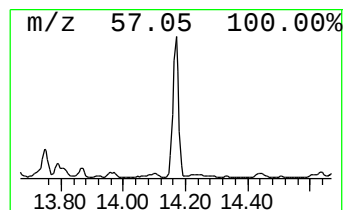
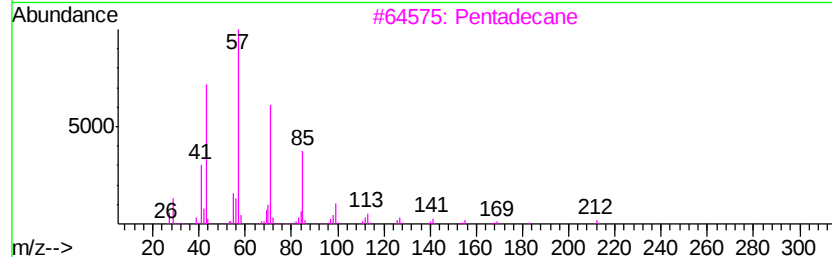
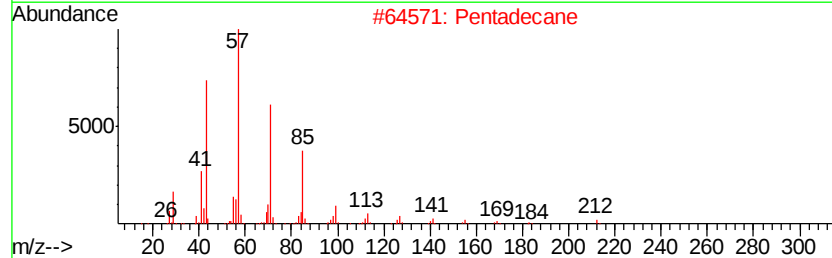
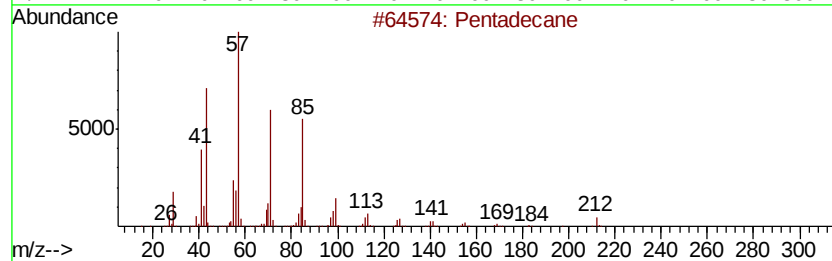
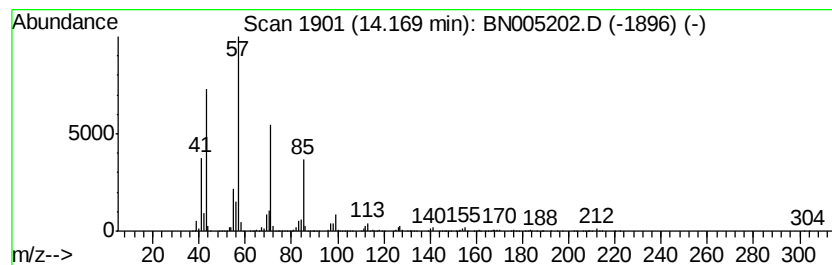
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	6.09 ng/ul	8271100	Acenaphthene-d10	14.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	97
2			Pentadecane	212	C15H32	000629-62-9	96
3			Pentadecane	212	C15H32	000629-62-9	92
4			Eicosane	282	C20H42	000112-95-8	91
5			Dodecane	170	C12H26	000112-40-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Acq On : 23 Apr 2019 07:56
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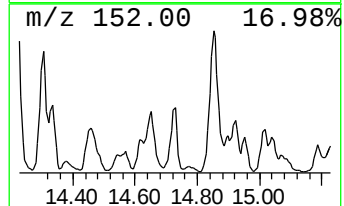
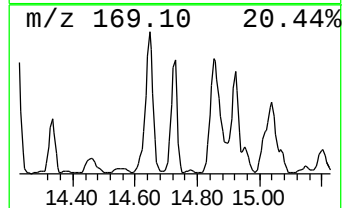
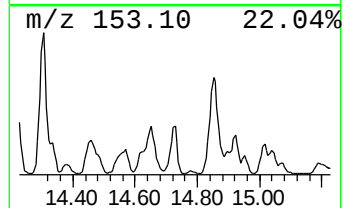
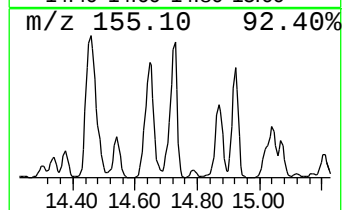
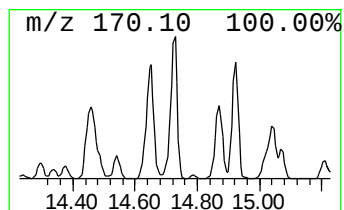
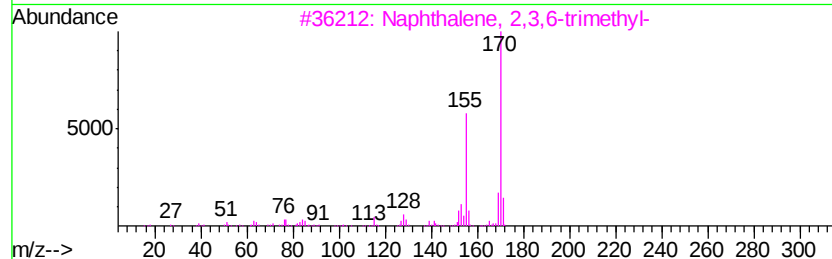
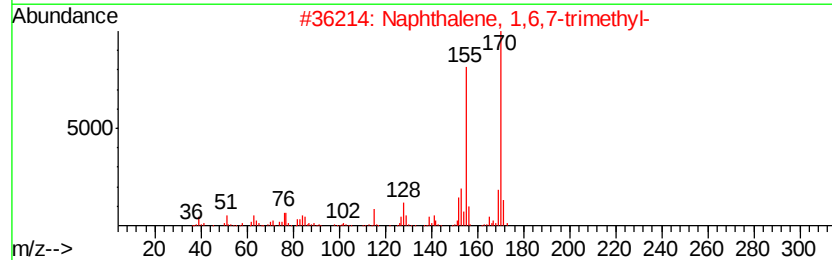
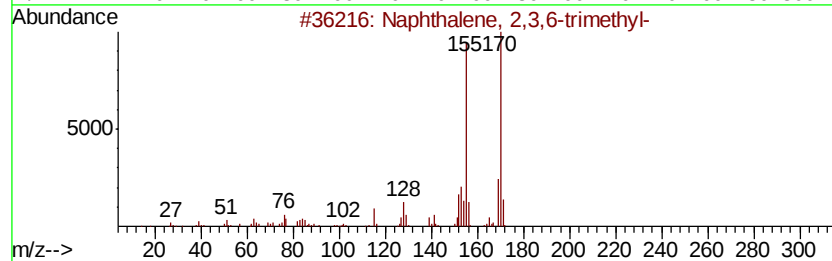
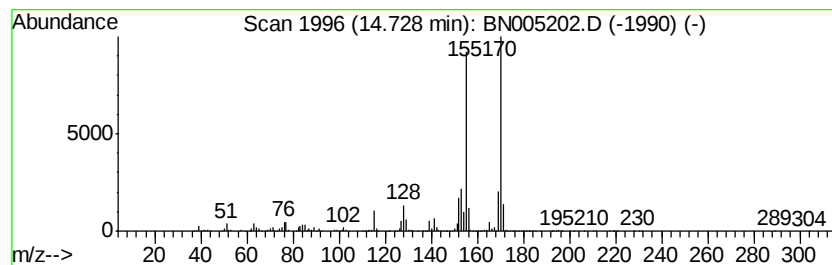
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Naphthalene, 2,3,6-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	10.15 ng/ul	13786100	Acenaphthene-d10	14.24

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Operator : JU/SJ
Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

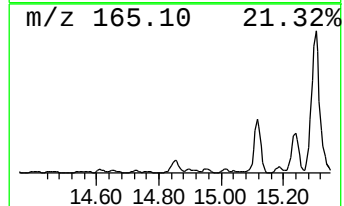
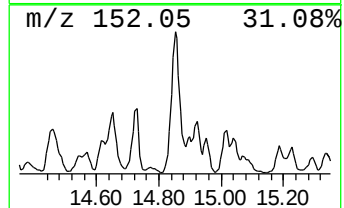
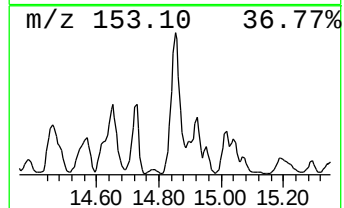
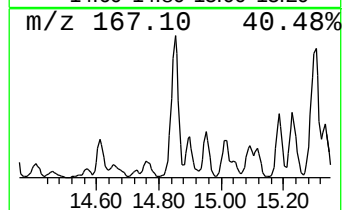
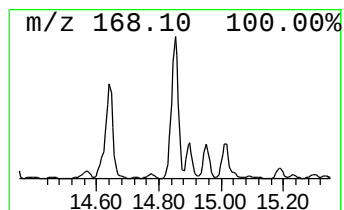
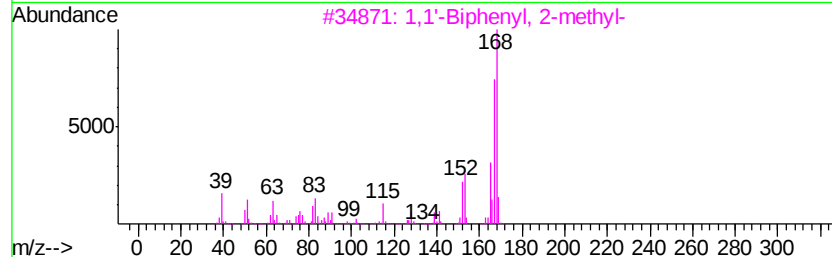
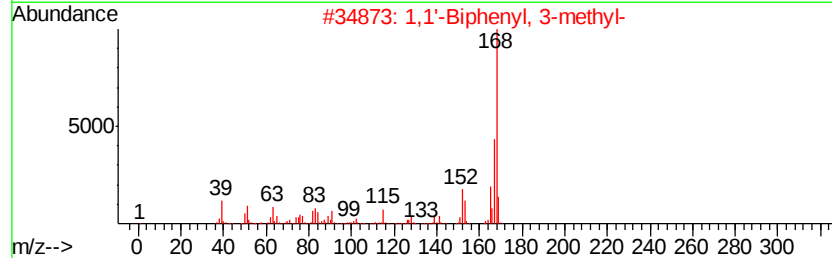
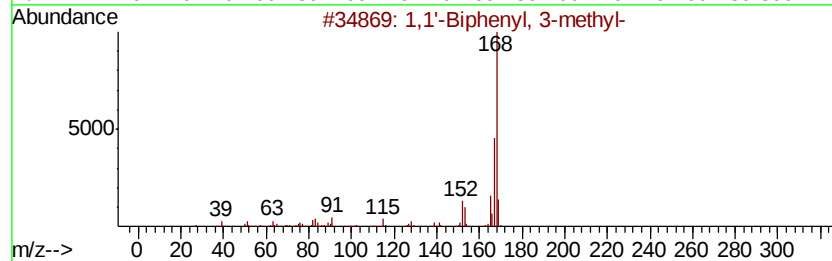
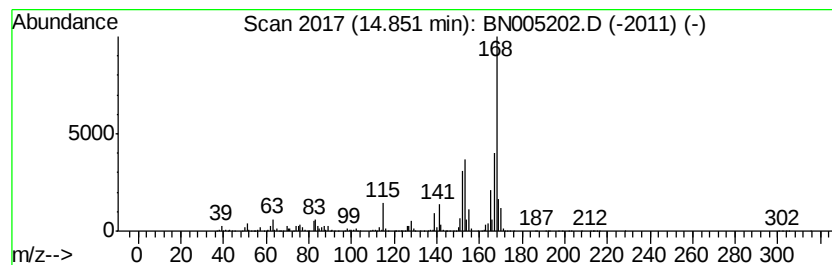
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 1,1'-Biphenyl, 3-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	18.98 ng/ul	25782700	Acenaphthene-d10	14.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6	72
2	1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6	59
3	1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3	58
4	Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4	58
5	1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
Operator : JU/SJ
Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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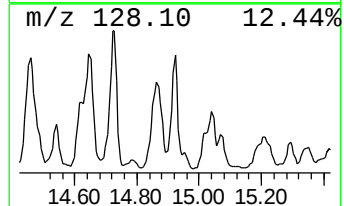
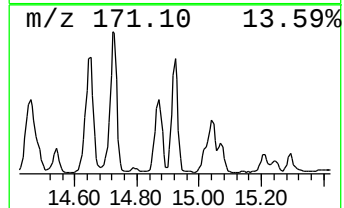
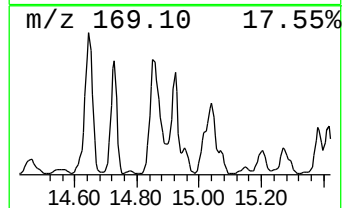
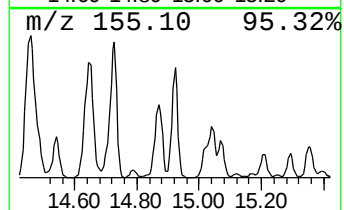
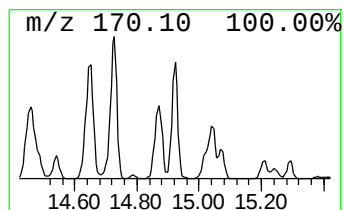
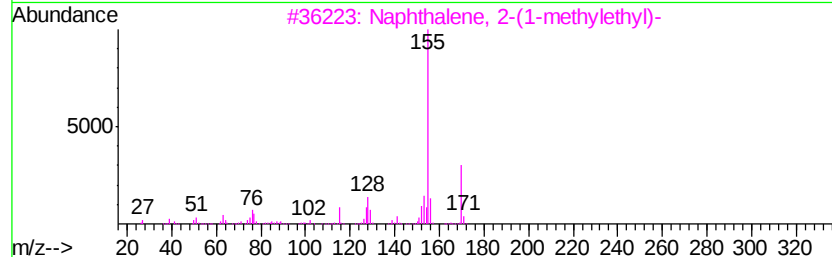
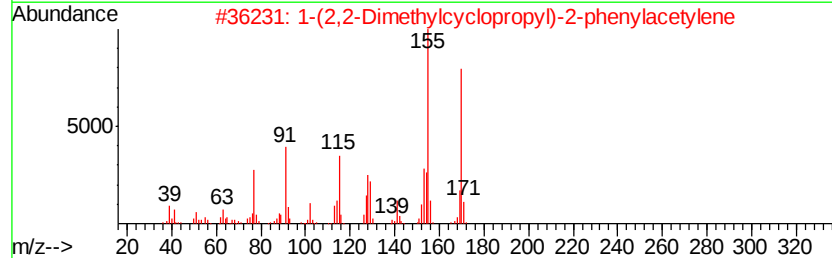
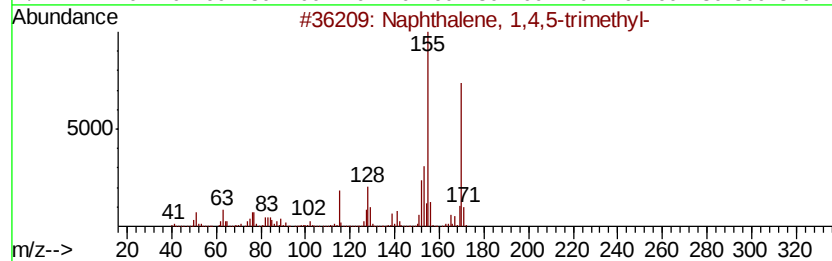
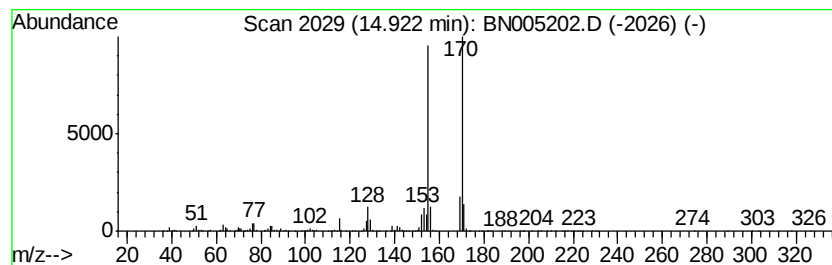
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Naphthalene, 1,4,5-trimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	5.59 ng/ul	7590760	Acenaphthene-d10	14.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
2			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	86
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	86
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
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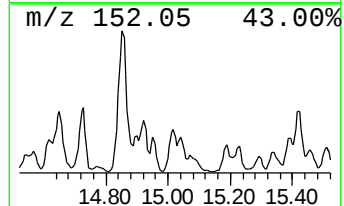
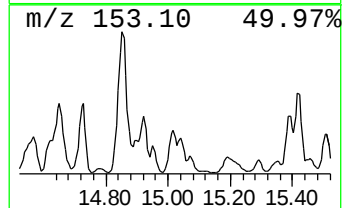
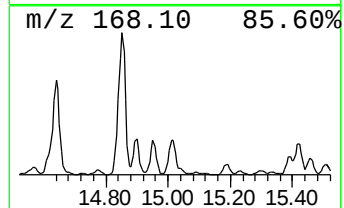
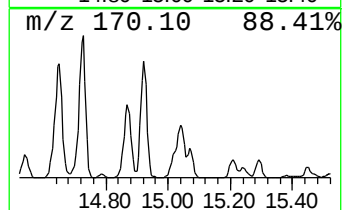
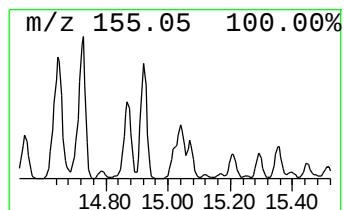
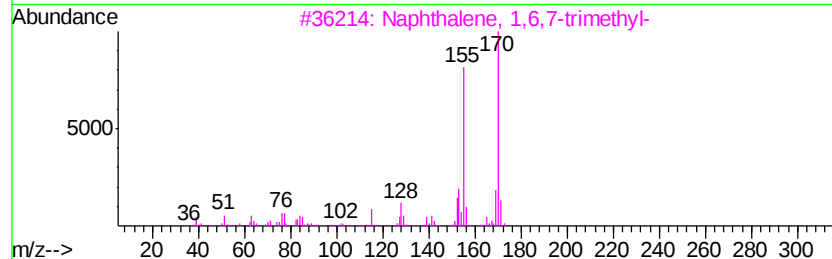
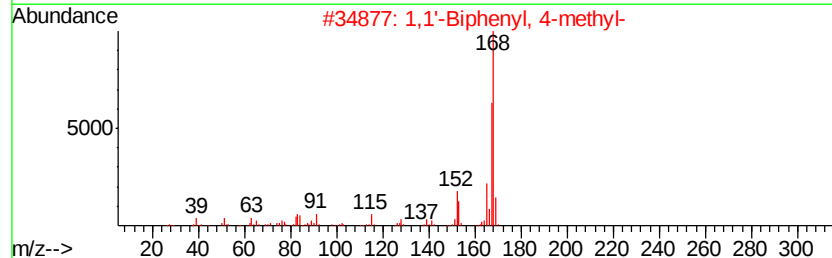
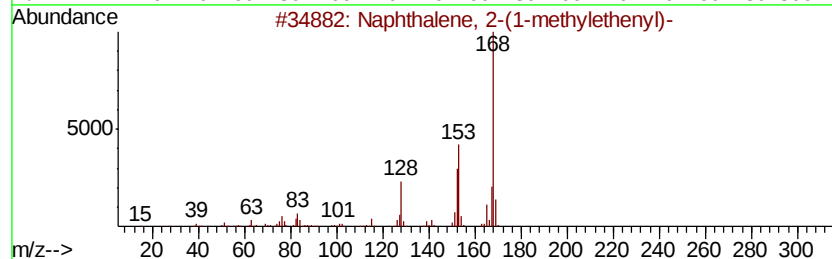
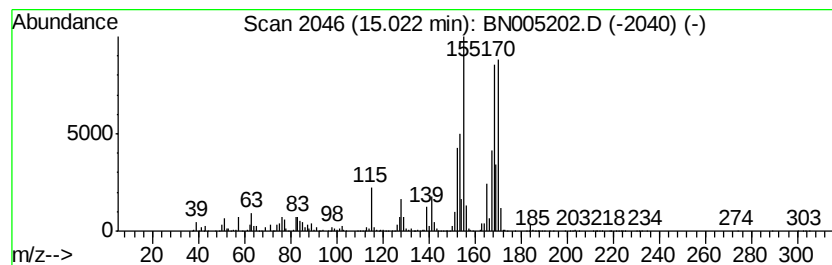
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 unknown-01 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	4.96 ng/ul	6739240	Acenaphthene-d10	14.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	49
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38
4			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
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Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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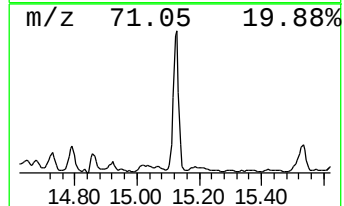
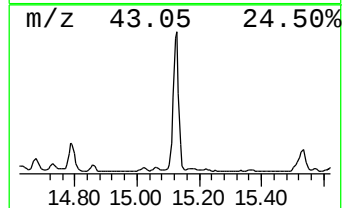
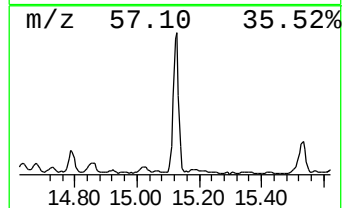
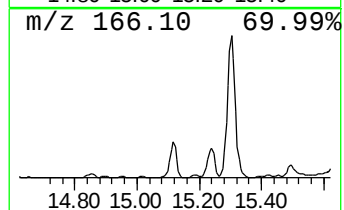
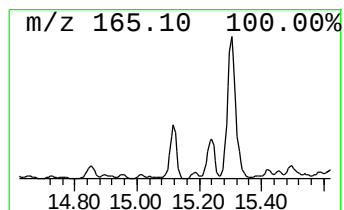
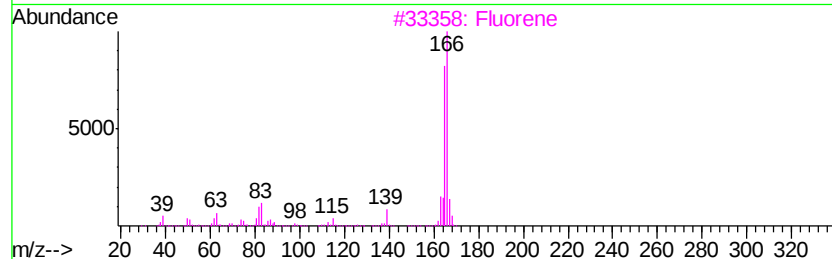
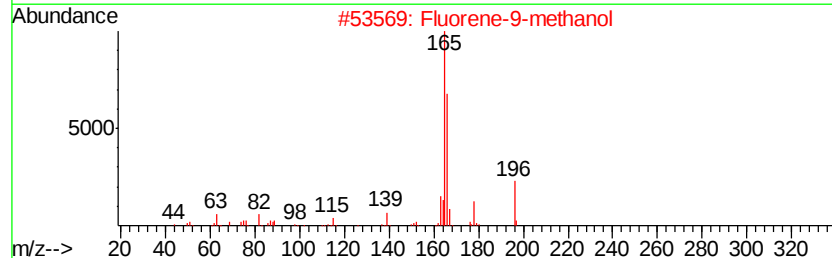
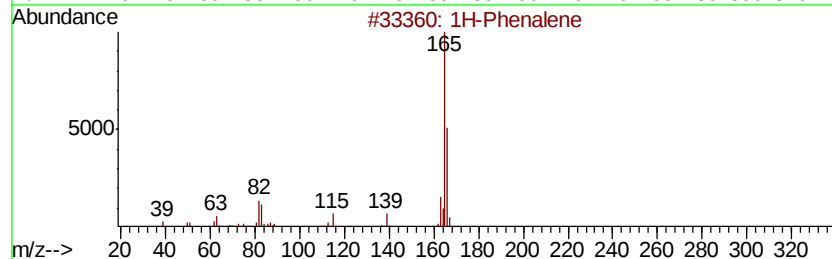
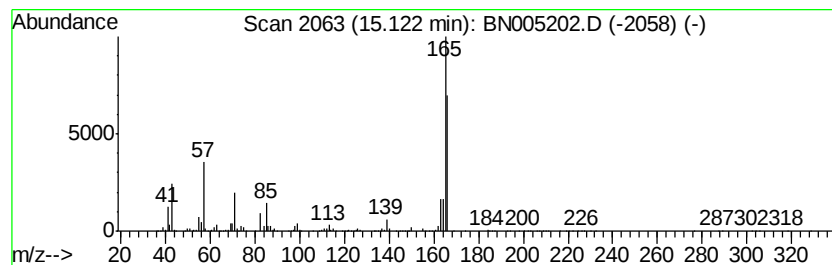
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 1H-Phenalene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	10.38 ng/ul	14095400	Acenaphthene-d10	14.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	59
2		Fluorene-9-methanol	196	C14H12O	024324-17-2	53
3		Fluorene	166	C13H10	000086-73-7	47
4		Fluorene	166	C13H10	000086-73-7	47
5		3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
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Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

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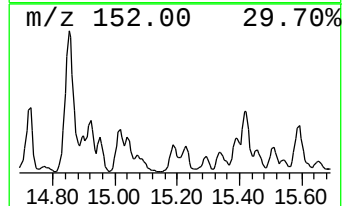
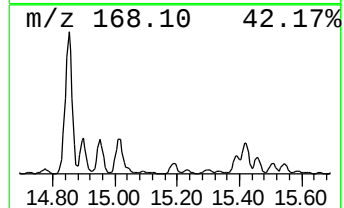
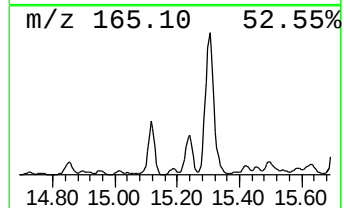
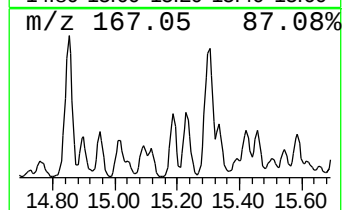
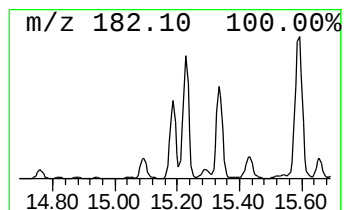
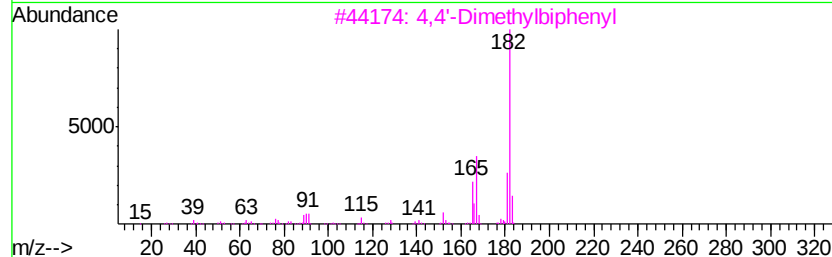
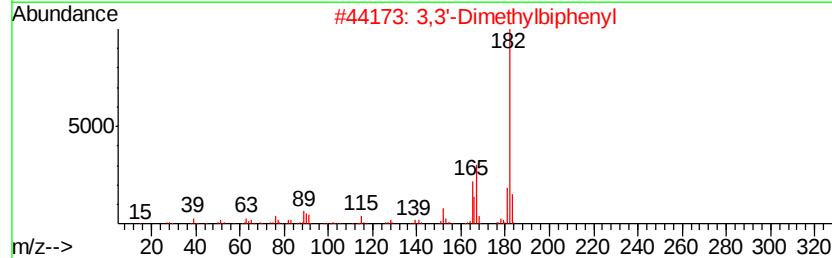
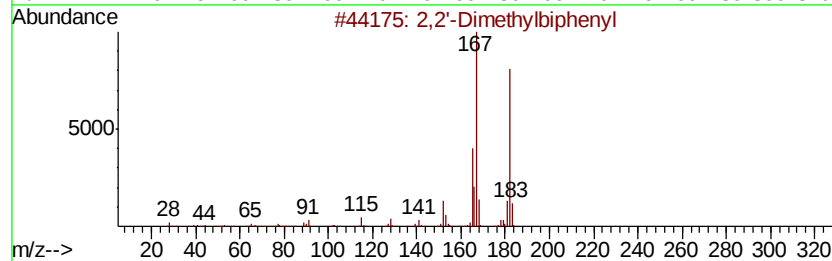
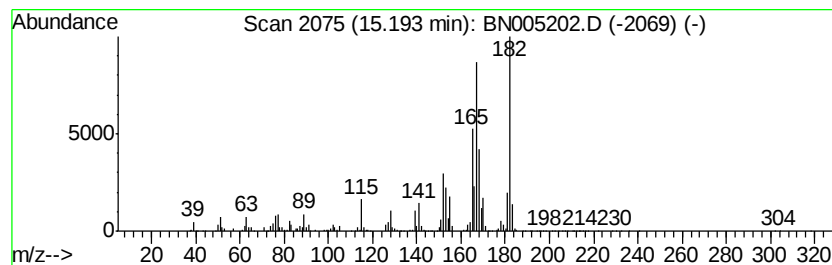
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 2,2'-Dimethylbiphenyl Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	4.29 ng/ul	5833920	Acenaphthene-d10	14.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	93
2		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	91
3		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91
4		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	83
5		Bicyclo[3.2.1]octa-2,6-diene, 2-...	182	C14H14	101166-08-9	83



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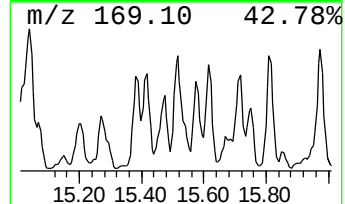
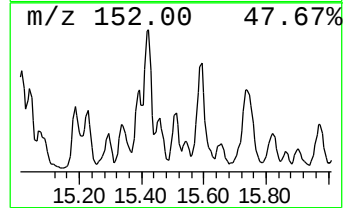
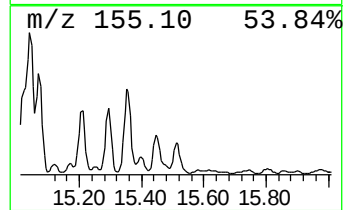
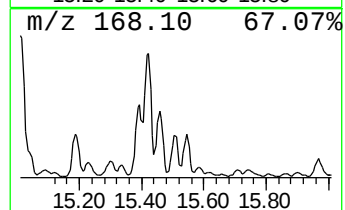
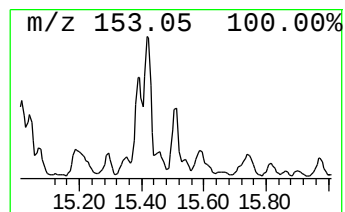
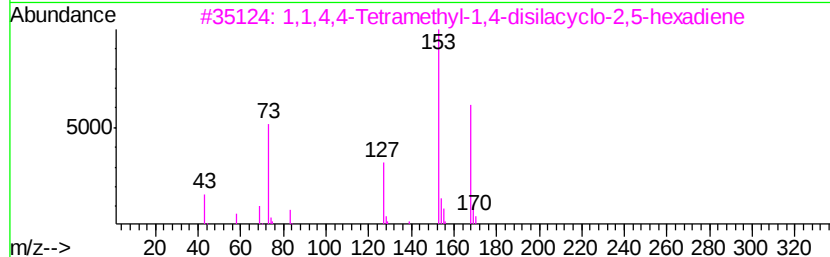
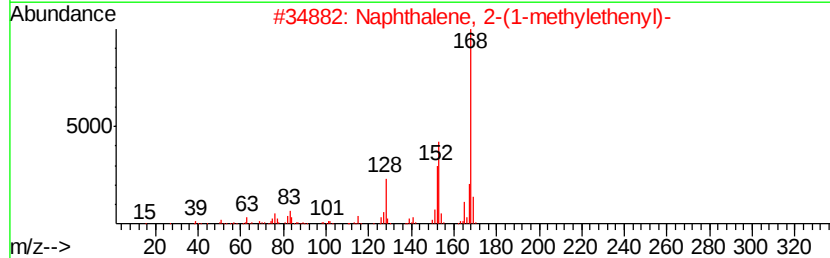
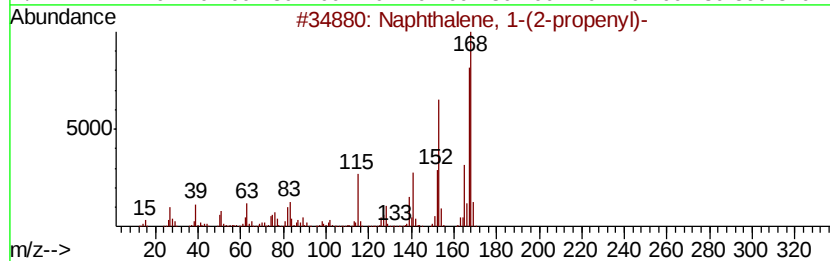
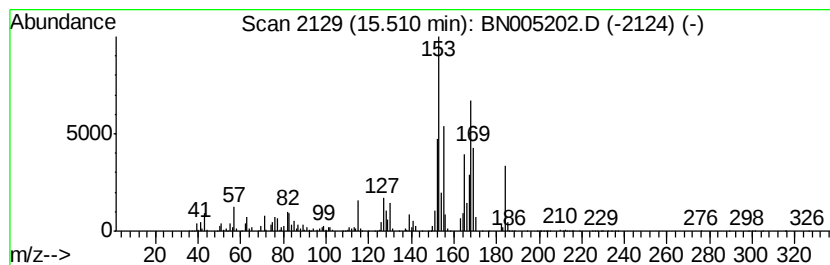
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Naphthalene, 1-(2-propenyl)- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.51	2.60 ng/ul	3527270	Acenaphthene-d10	14.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	27
3	1,1,4,4-Tetramethyl-1,4-disilacyc...	168	C8H16Si2	020627-53-6	27
4	2,5-Cyclohexadien-1-one, 2,4,4-t...	184	C9H12O4	095338-37-7	25
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
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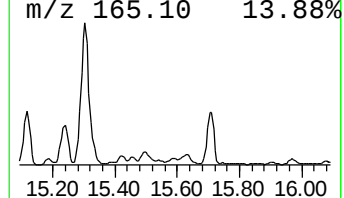
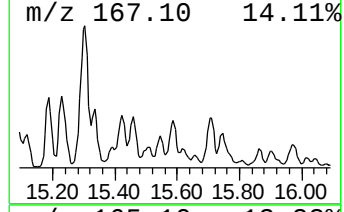
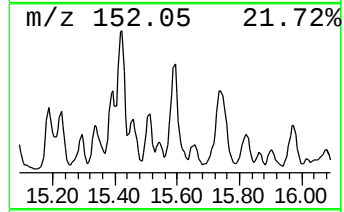
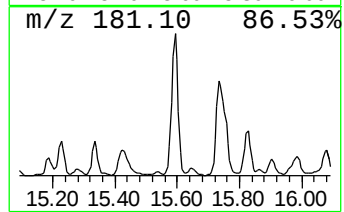
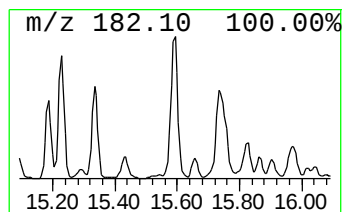
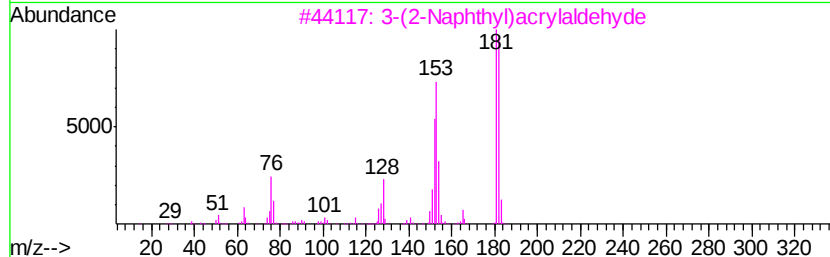
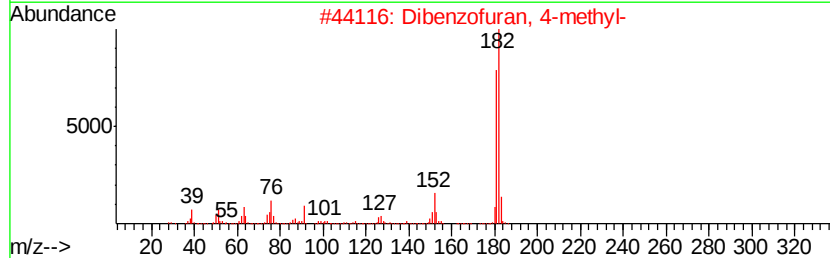
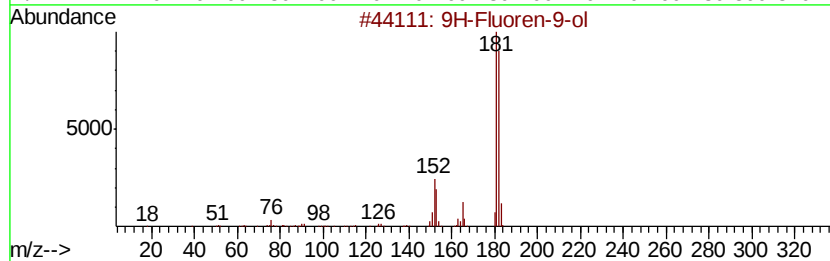
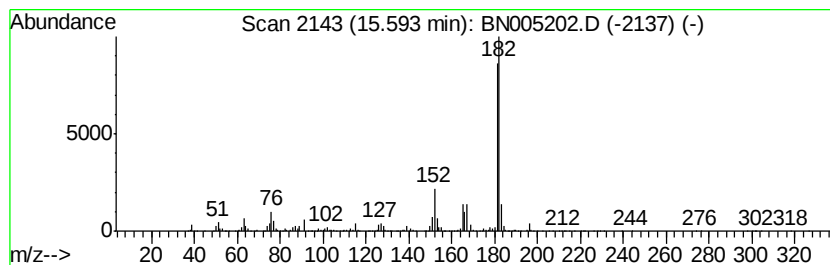
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 9H-Fluoren-9-ol Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	6.27 ng/ul	8512600	Acenaphthene-d10	14.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
2		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
3		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64
4		Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	59
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
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Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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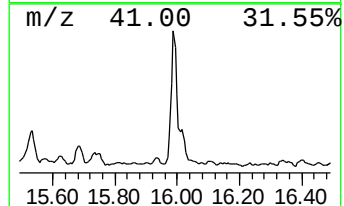
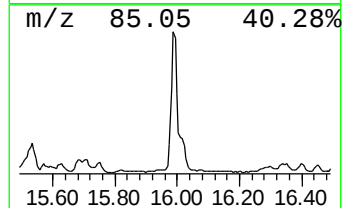
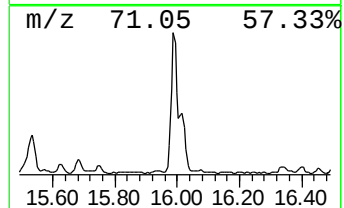
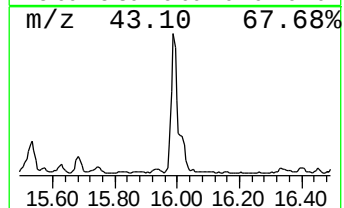
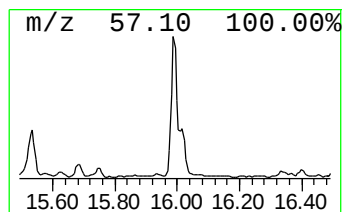
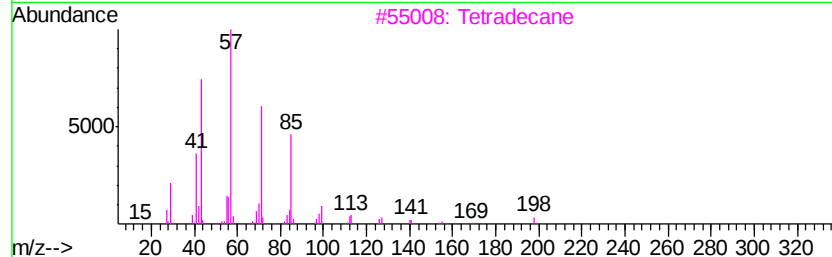
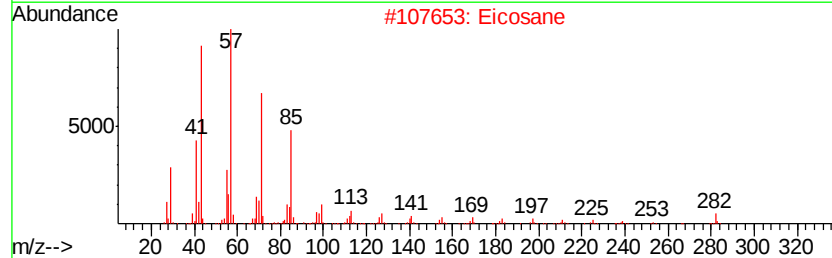
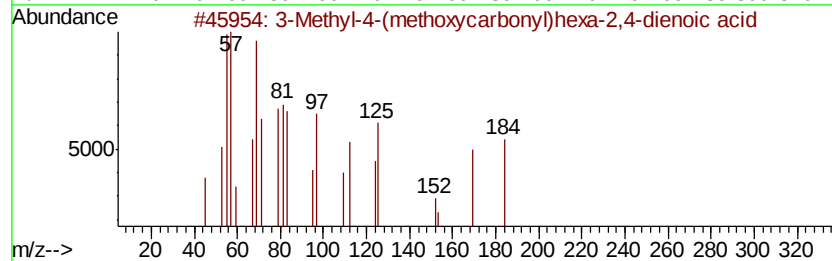
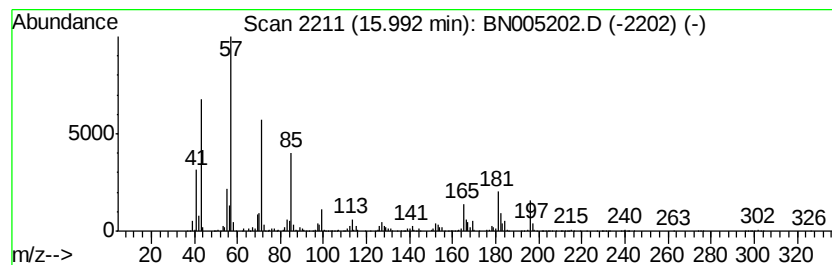
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 3-Methyl-4-(methoxycarbonyl... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	21.82 ng/ul	7591090	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	53
2		Eicosane	282	C20H42	000112-95-8	46
3		Tetradecane	198	C14H30	000629-59-4	46
4		Eicosane	282	C20H42	000112-95-8	46
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
Operator : JU/SJ
Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8

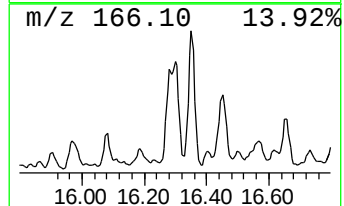
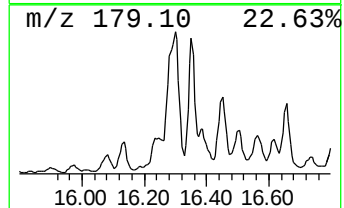
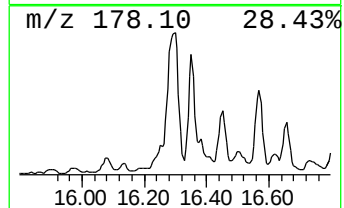
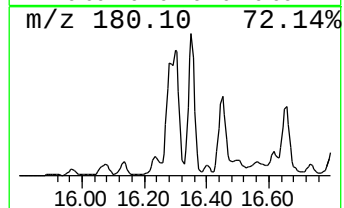
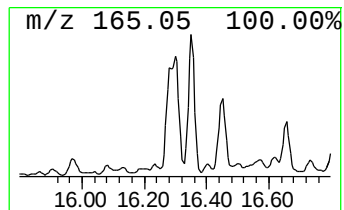
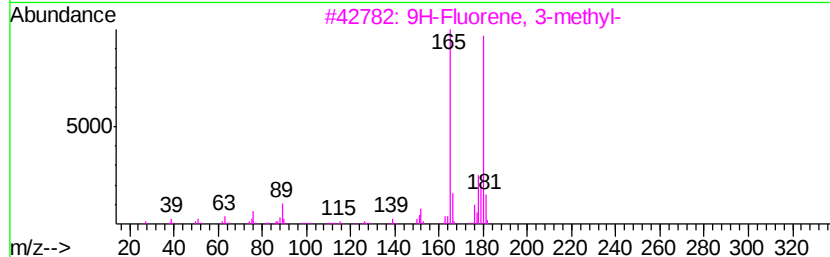
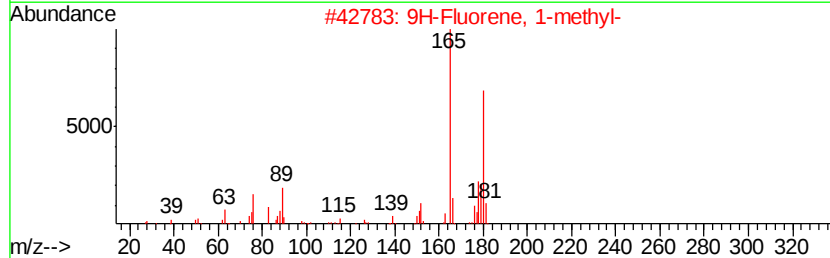
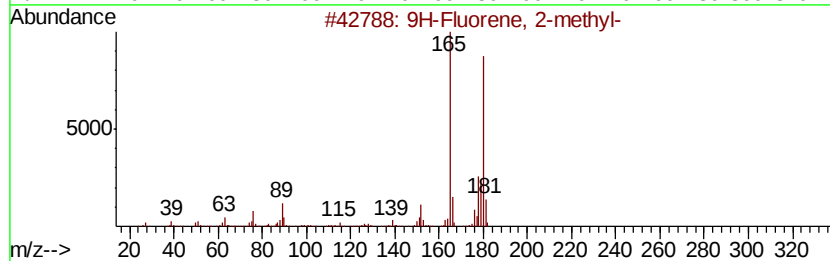
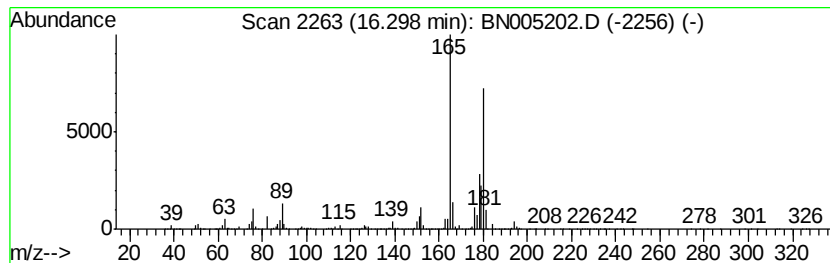
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 9H-Fluorene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	48.78 ng/ul	16974400	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
Operator : JU/SJ
Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8

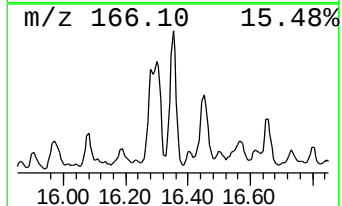
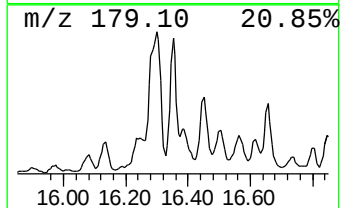
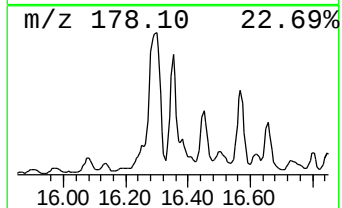
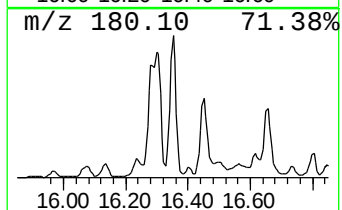
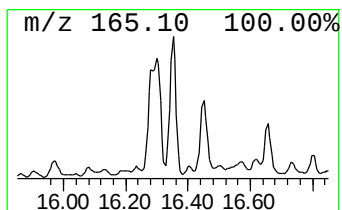
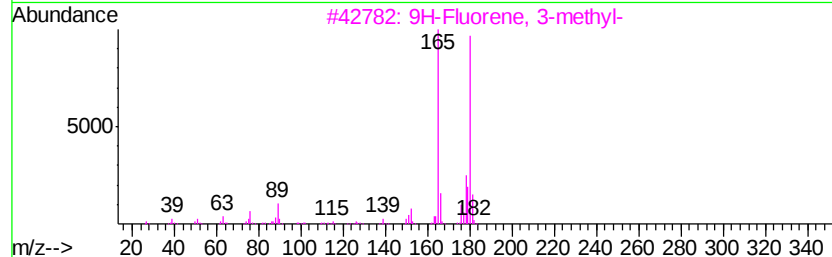
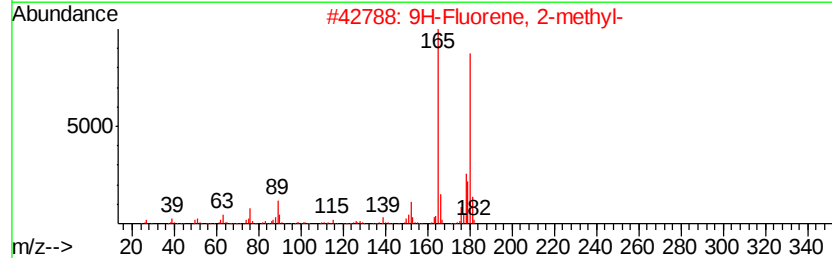
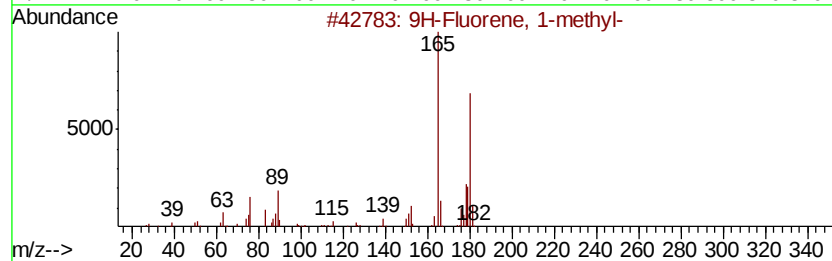
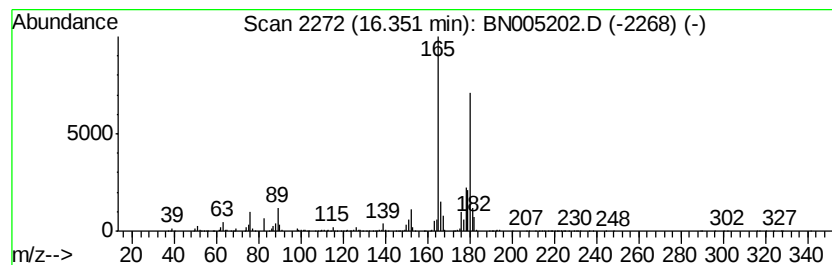
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	32.25 ng/ul	11222200	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005202.D
Acq On : 23 Apr 2019 07:56
Operator : JU/SJ
Sample : K2455-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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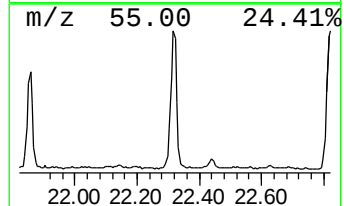
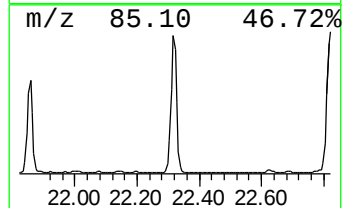
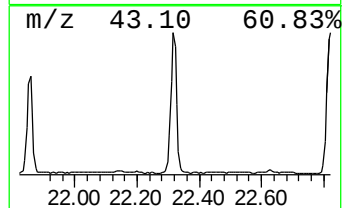
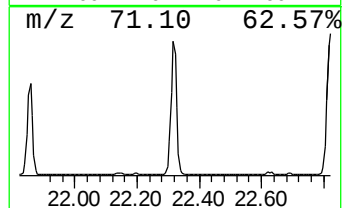
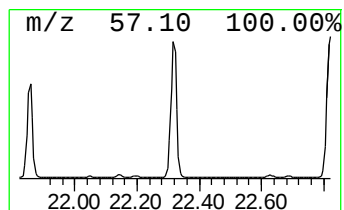
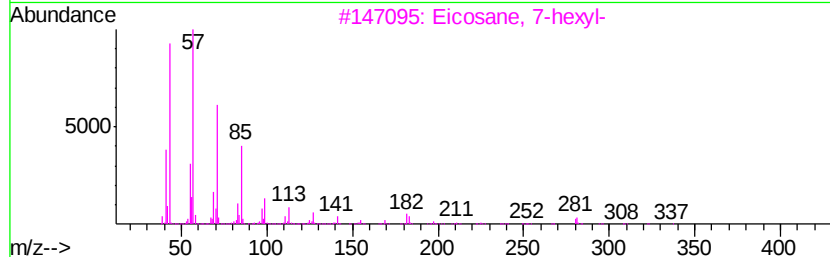
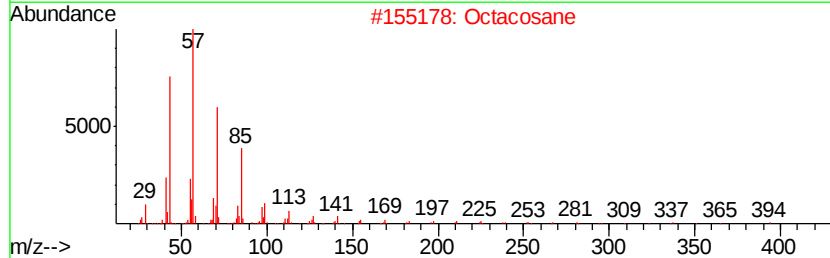
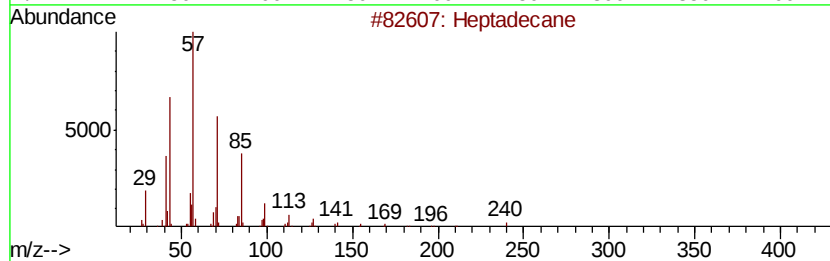
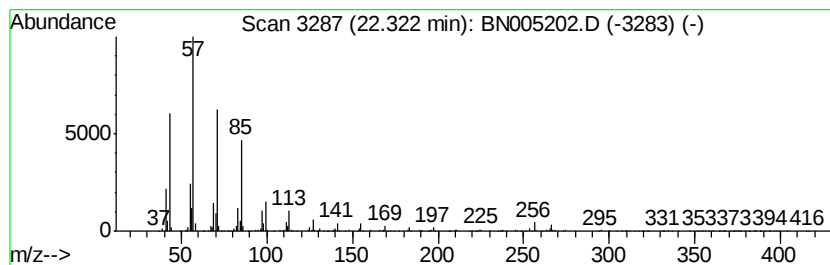
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Quant Title : SVOA CALIBRATION

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

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.78 ng/ul	4845700	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	90
2		Octacosane	394	C28H58	000630-02-4	87
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
4		Heneicosane	296	C21H44	000629-94-7	81
5		Eicosane	282	C20H42	000112-95-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005202.D
 Acq On : 23 Apr 2019 07:56
 Operator : JU/SJ
 Sample : K2455-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,3-tr...	6.84	20.2	ng/ul	4049880	1	7.60	4010910	20.0
Benzene, 1-propenyl-	7.26	122.0	ng/ul	24461600	1	7.60	4010910	20.0
Benzene, 1-etheny...	7.35	21.6	ng/ul	4330380	1	7.60	4010910	20.0
Benzene, 1,2,4-tr...	7.72	20.0	ng/ul	4010910	1	7.60	4010910	20.0
Indene	8.13	44.7	ng/ul	8959930	1	7.60	4010910	20.0
Benzene, 2-ethyl-...	8.23	19.1	ng/ul	3835800	1	7.60	4010910	20.0
Benzene, 1,2,3,5-...	9.27	9.7	ng/ul	6496830	2	10.37	13364400	20.0
Benzene, 4-etheny...	9.35	6.3	ng/ul	4241410	2	10.37	13364400	20.0
2-Methylindene	9.80	36.7	ng/ul	24548700	2	10.37	13364400	20.0
1H-Indene, 1-methyl-	9.88	25.2	ng/ul	16863700	2	10.37	13364400	20.0
1,4-Dihydronaphth...	10.08	6.3	ng/ul	4216110	2	10.37	13364400	20.0
Benzene, 2-etheny...	11.30	6.1	ng/ul	4049650	2	10.37	13364400	20.0
1H-Indene, 1,3-di...	11.41	8.1	ng/ul	5441720	2	10.37	13364400	20.0
1H-Indene, 1,1-di...	11.56	9.9	ng/ul	6594200	2	10.37	13364400	20.0
(DEL) Alkane: Str...	11.84	18.5	ng/ul	12350800	2	10.37	13364400	20.0
Naphthalene, 1-me...	12.10	332.7	ng/ul	222308000	2	10.37	13364400	20.0
Naphthalene, 1-et...	13.27	25.9	ng/ul	35241700	3	14.24	27171500	20.0
Naphthalene, 1,6-...	13.42	41.0	ng/ul	55749500	3	14.24	27171500	20.0
Naphthalene, 2,3-...	13.58	58.0	ng/ul	78791800	3	14.24	27171500	20.0
Naphthalene, 1,5-...	13.81	25.3	ng/ul	34367800	3	14.24	27171500	20.0
(DEL) Alkane: Str...	14.17	6.1	ng/ul	8271100	3	14.24	27171500	20.0
Naphthalene, 2,3,...	14.73	10.2	ng/ul	13786100	3	14.24	27171500	20.0
1,1'-Biphenyl, 3-...	14.85	19.0	ng/ul	25782700	3	14.24	27171500	20.0
Naphthalene, 1,4,...	14.92	5.6	ng/ul	7590760	3	14.24	27171500	20.0
unknown-01	15.02	5.0	ng/ul	6739240	3	14.24	27171500	20.0
1H-Phenylene	15.12	10.4	ng/ul	14095400	3	14.24	27171500	20.0
2,2'-Dimethylbiph...	15.19	4.3	ng/ul	5833920	3	14.24	27171500	20.0
Naphthalene, 1-(2...	15.51	2.6	ng/ul	3527270	3	14.24	27171500	20.0
9H-Fluorene-9-ol	15.59	6.3	ng/ul	8512600	3	14.24	27171500	20.0
3-Methyl-4-(metho...	15.99	21.8	ng/ul	7591090	4	16.99	6959270	20.0
9H-Fluorene, 2-me...	16.30	48.8	ng/ul	16974400	4	16.99	6959270	20.0
9H-Fluorene, 1-me...	16.35	32.3	ng/ul	11222200	4	16.99	6959270	20.0
(DEL) Alkane: Str...	22.32	2.8	ng/ul	4845700	5	21.23	34897600	20.0