

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
 Data File : BN005543.D
 Acq On : 08 May 2019 21:43
 Operator : JU/SJ
 Sample : K2603-08ME
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ60ME

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.646	444	452	464	rVB2	419987	728918	1.45%	0.176%
2	6.769	635	643	649	rVV2	1110372	1950006	3.87%	0.471%
3	6.934	665	671	677	rBV	922657	1439604	2.86%	0.348%
4	7.122	694	703	714	rVV	1139099	1864097	3.70%	0.450%
5	7.240	715	723	731	rVV2	940970	1655953	3.29%	0.400%
6	7.587	774	782	791	rBV	1168791	1886928	3.75%	0.456%
7	8.116	861	872	880	rBV	3977255	6565271	13.05%	1.586%
8	8.287	895	901	910	rVV	1331696	2268925	4.51%	0.548%
9	8.728	971	976	985	rVV	1178243	2133004	4.24%	0.515%
10	9.446	1089	1098	1104	rBV	1019993	1745768	3.47%	0.422%
11	9.787	1146	1156	1162	rBV3	815380	2089896	4.15%	0.505%
12	9.852	1162	1167	1173	rBV	627905	1368028	2.72%	0.330%
13	9.981	1182	1189	1197	rVB	1390336	2376084	4.72%	0.574%
14	10.352	1243	1252	1255	rVV2	1618888	3167521	6.29%	0.765%
15	10.422	1255	1264	1270	rVV2	24223009	50325679	100.00%	12.156%
16	10.487	1270	1275	1287	rVB2	1190115	3060476	6.08%	0.739%
17	12.028	1526	1537	1544	rVB	12089987	20975411	41.68%	5.067%
18	12.246	1562	1574	1584	rVV	7943538	12954102	25.74%	3.129%
19	13.046	1703	1710	1724	rBV	2524476	3960966	7.87%	0.957%
20	13.246	1737	1744	1756	rVB	1304003	2387986	4.75%	0.577%
21	13.381	1760	1767	1768	rBV	1809627	2500912	4.97%	0.604%
22	13.540	1785	1794	1799	rVV	3079501	5636700	11.20%	1.362%
23	13.593	1799	1803	1807	rVV	1983412	3049754	6.06%	0.737%
24	13.640	1807	1811	1815	rVV	3042432	4381005	8.71%	1.058%
25	13.681	1815	1818	1822	rVV2	692449	1143177	2.27%	0.276%
26	13.781	1829	1835	1838	rVV	1523893	2420776	4.81%	0.585%
27	13.916	1851	1858	1859	rVV	3094329	4379657	8.70%	1.058%
28	13.946	1859	1863	1875	rVB	8352493	12575947	24.99%	3.038%
29	14.222	1900	1910	1916	rVV3	2606839	5382716	10.70%	1.300%
30	14.287	1916	1921	1924	rVV	1275630	1945670	3.87%	0.470%
31	14.440	1941	1947	1957	rBV2	1048849	2240051	4.45%	0.541%
32	14.628	1968	1979	1987	rBV2	1421705	2863799	5.69%	0.692%
33	14.704	1987	1992	1996	rVV	772938	1012368	2.01%	0.245%
34	14.840	2008	2015	2021	rBV3	675811	1512301	3.01%	0.365%

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Integrator: RTE
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35	14.904	2021	2026	2030	rVB	534953	714861	1.42%	0.173%
36	15.022	2037	2046	2049	rBV2	412742	987216	1.96%	0.238%
37	15.098	2055	2059	2066	rVB	1242604	1672089	3.32%	0.404%
38	15.222	2074	2080	2085	rVV	5038250	7063349	14.04%	1.706%
39	15.281	2085	2090	2101	rVB2	6495365	10069656	20.01%	2.432%
40	15.369	2101	2105	2108	rBV2	851206	1172685	2.33%	0.283%
41	15.481	2120	2124	2134	rVB4	382625	1041827	2.07%	0.252%
42	15.575	2135	2140	2144	rBV	597362	950982	1.89%	0.230%
43	15.693	2154	2160	2163	rBV	1614662	2422518	4.81%	0.585%
44	16.287	2253	2261	2266	rVV2	1217874	2623683	5.21%	0.634%
45	16.334	2266	2269	2274	rVB	804211	1056268	2.10%	0.255%
46	16.434	2281	2286	2291	rBV	796172	1160030	2.31%	0.280%
47	16.640	2318	2321	2328	rVB2	564556	872630	1.73%	0.211%
48	16.792	2340	2347	2356	rVV	1996347	3292305	6.54%	0.795%
49	16.981	2373	2379	2382	rBV	3099058	4856218	9.65%	1.173%
50	17.034	2382	2388	2392	rVV	18842333	30829574	61.26%	7.447%
51	17.081	2392	2396	2399	rVV	4630997	6772164	13.46%	1.636%
52	17.116	2399	2402	2407	rVV	5360962	6965531	13.84%	1.683%
53	17.175	2407	2412	2419	rVV3	417396	1117109	2.22%	0.270%
54	17.392	2444	2449	2461	rBV3	415776	880027	1.75%	0.213%
55	17.504	2463	2468	2472	rVB	710478	879372	1.75%	0.212%
56	17.563	2473	2478	2483	rBV2	861322	1353872	2.69%	0.327%
57	17.698	2496	2501	2509	rVB2	799452	1423517	2.83%	0.344%
58	17.857	2523	2528	2532	rVV	3954547	5498084	10.93%	1.328%
59	17.904	2532	2536	2542	rVV	4195516	6125114	12.17%	1.480%
60	17.986	2545	2550	2555	rVV	1489938	2085995	4.14%	0.504%
61	18.051	2555	2561	2565	rVV2	5071501	8987593	17.86%	2.171%
62	18.087	2565	2567	2575	rVB	2486167	3208770	6.38%	0.775%
63	18.363	2609	2614	2619	rBV	2094574	2739745	5.44%	0.662%
64	18.663	2661	2665	2669	rVV	529436	725294	1.44%	0.175%
65	18.786	2677	2686	2691	rBV	1677891	3005131	5.97%	0.726%
66	18.851	2691	2697	2700	rVV3	1050880	2161371	4.29%	0.522%
67	18.951	2706	2714	2718	rBV3	555713	1375430	2.73%	0.332%
68	19.057	2726	2732	2739	rBV	10144956	13585094	26.99%	3.282%
69	19.204	2753	2757	2762	rVV	2981666	4071945	8.09%	0.984%
70	19.392	2783	2789	2791	rBV2	5251560	7543259	14.99%	1.822%
71	19.428	2791	2795	2803	rVB	12185555	17088710	33.96%	4.128%

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72	19.757	2845	2851	2862	rBV2	954157	2145122	4.26%	0.518%
73	19.892	2868	2874	2876	rBV4	976401	1686898	3.35%	0.407%
74	19.922	2876	2879	2884	rVB	2454204	3553484	7.06%	0.858%
75	20.028	2893	2897	2902	rVB	2338780	2825979	5.62%	0.683%
76	20.086	2902	2907	2911	rBV	1378759	1723185	3.42%	0.416%
77	20.222	2927	2930	2934	rVV	992893	1402255	2.79%	0.339%
78	20.275	2934	2939	2948	rVB	1430356	2407342	4.78%	0.582%
79	20.669	3004	3006	3015	rVB4	488368	997717	1.98%	0.241%
80	20.886	3040	3043	3046	rBV	953557	1032851	2.05%	0.249%
81	20.933	3046	3051	3055	rBV2	847692	1311666	2.61%	0.317%
82	21.198	3090	3096	3101	rBV3	6129175	12430029	24.70%	3.003%
83	21.245	3101	3104	3109	rVB	3752934	4545261	9.03%	1.098%
84	21.757	3185	3191	3196	rVV	1075169	1988087	3.95%	0.480%
85	21.810	3196	3200	3204	rVV2	707584	1089294	2.16%	0.263%
86	21.875	3207	3211	3214	rVV2	399657	762005	1.51%	0.184%
87	21.951	3220	3224	3226	rVV	652622	871706	1.73%	0.211%
88	21.980	3226	3229	3235	rVB2	797486	1160373	2.31%	0.280%
89	22.269	3275	3278	3288	rVB4	445337	815284	1.62%	0.197%
90	22.763	3355	3362	3372	rBV	1920844	5222701	10.38%	1.262%
91	22.922	3384	3389	3396	rVB	562917	1010541	2.01%	0.244%
92	23.222	3434	3440	3443	rBV	1069752	1893891	3.76%	0.457%
93	23.269	3443	3448	3452	rVV2	2751550	5058881	10.05%	1.222%
94	23.316	3452	3456	3462	rVV	2486544	4273121	8.49%	1.032%
95	23.410	3465	3472	3477	rVV	2071599	4045212	8.04%	0.977%
96	23.457	3477	3480	3488	rVB3	462045	921517	1.83%	0.223%
97	23.945	3558	3563	3571	rVB2	391184	758793	1.51%	0.183%
98	24.251	3610	3615	3628	rVB	310575	769096	1.53%	0.186%
99	25.592	3835	3843	3853	rVB2	632903	1715754	3.41%	0.414%
100	26.257	3947	3956	3966	rBV	422663	1238768	2.46%	0.299%

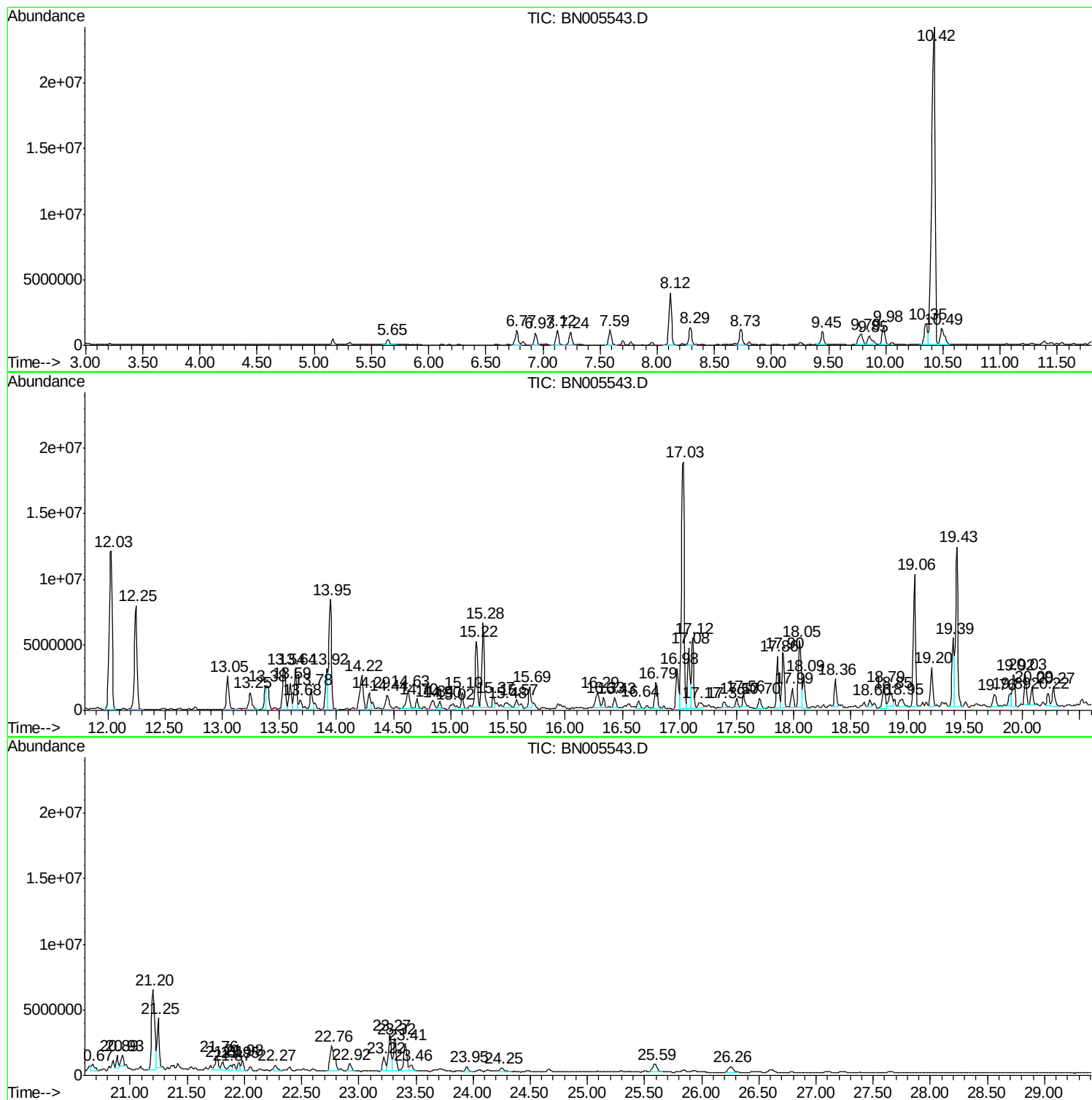
Sum of corrected areas: 413985287

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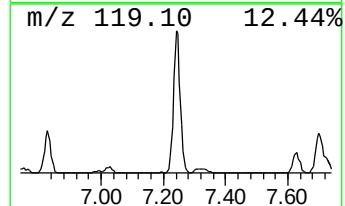
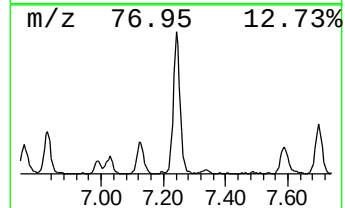
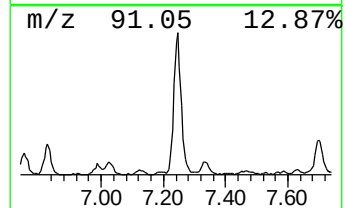
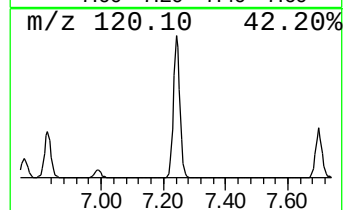
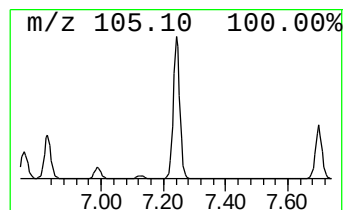
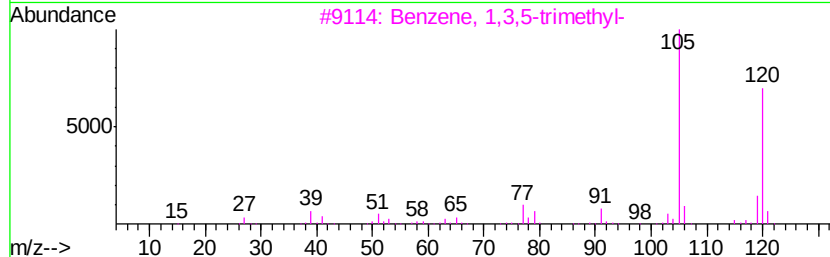
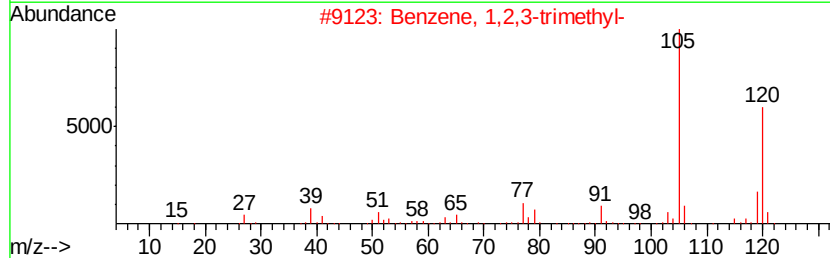
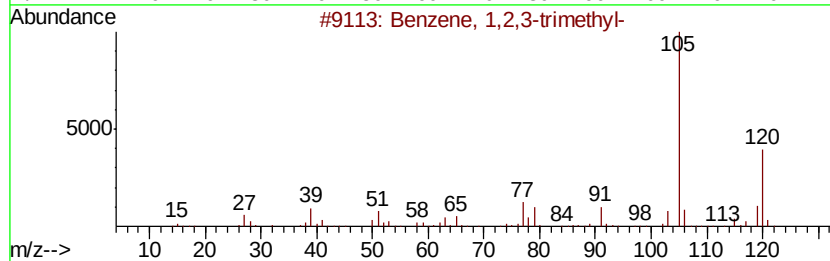
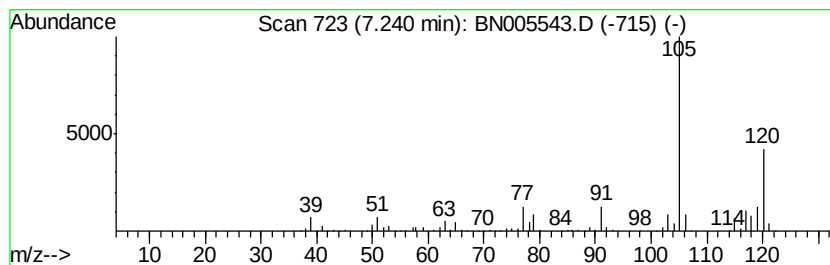
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	17.55 ng/ul	1655950	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



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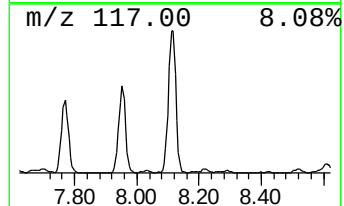
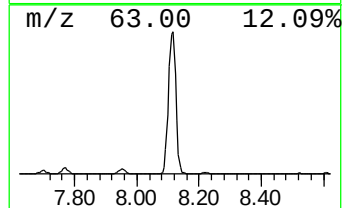
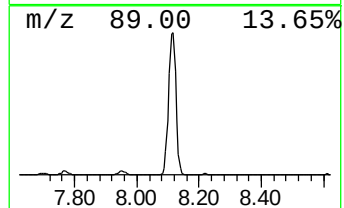
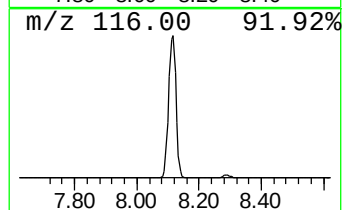
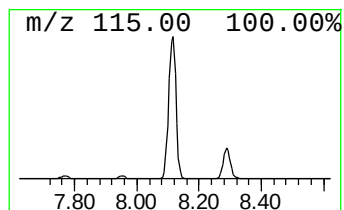
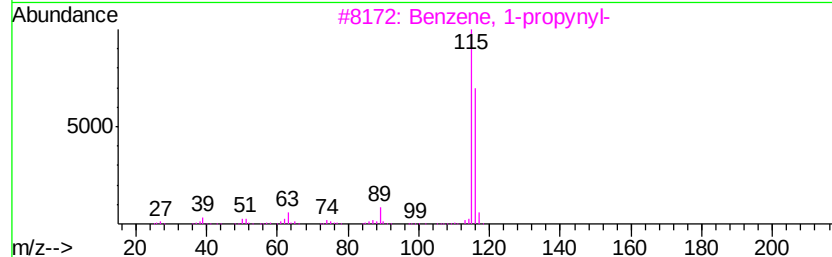
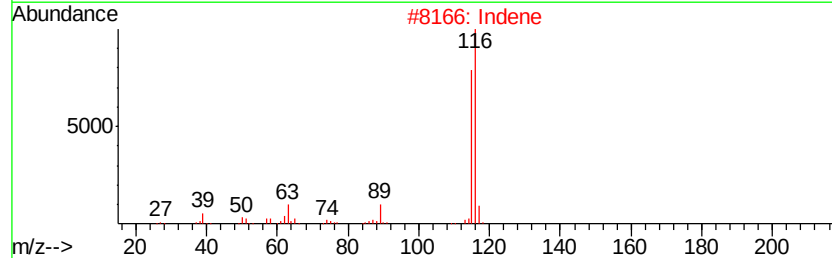
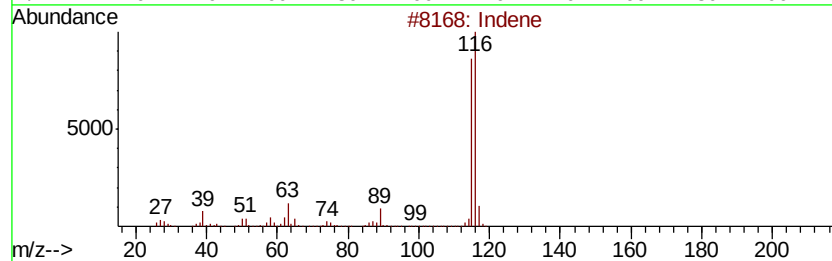
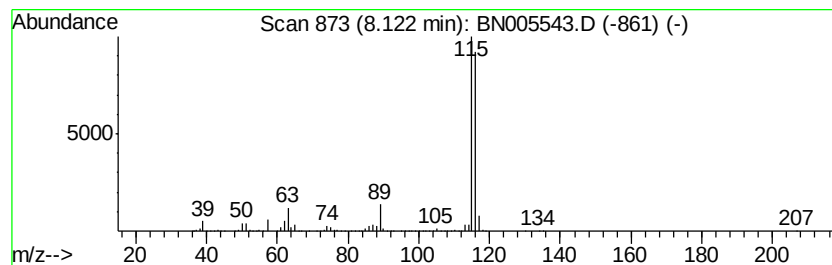
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	69.59 ng/ul	6565270	1,4-Dichlorobenzene-d4	7.59

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-propynyl-	116	C9H8	000673-32-5	91
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



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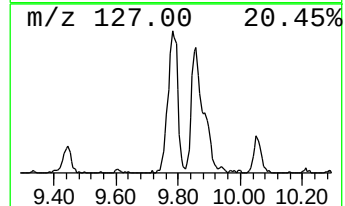
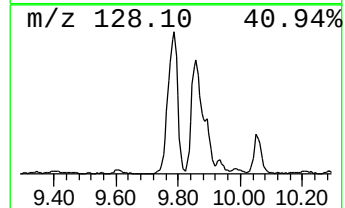
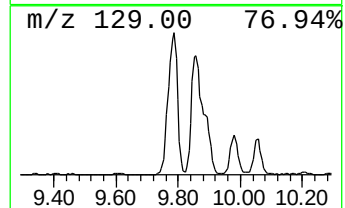
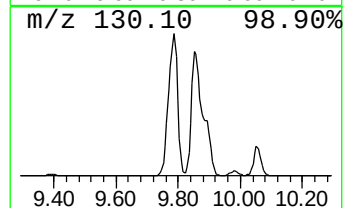
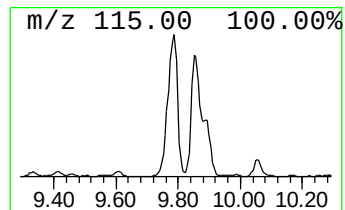
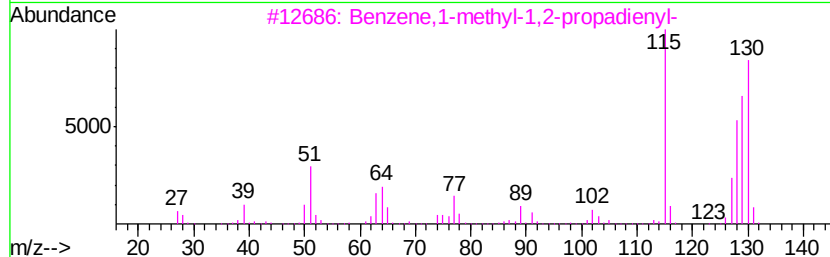
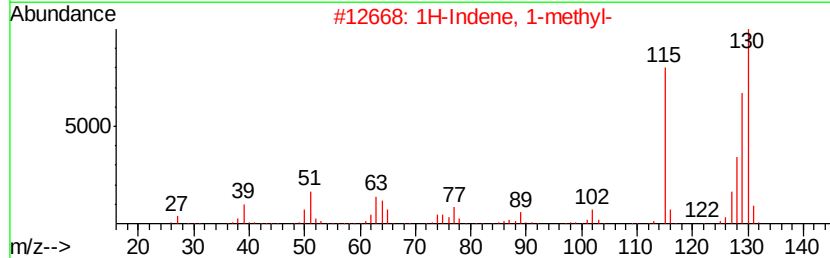
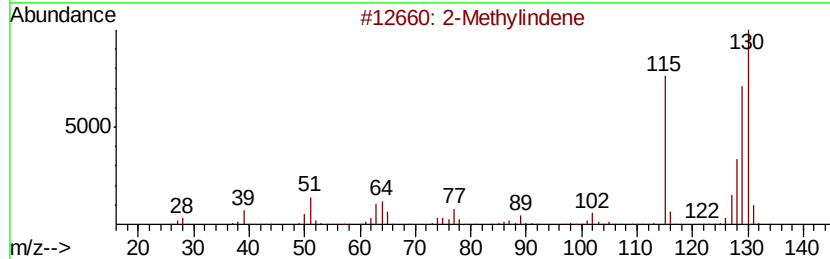
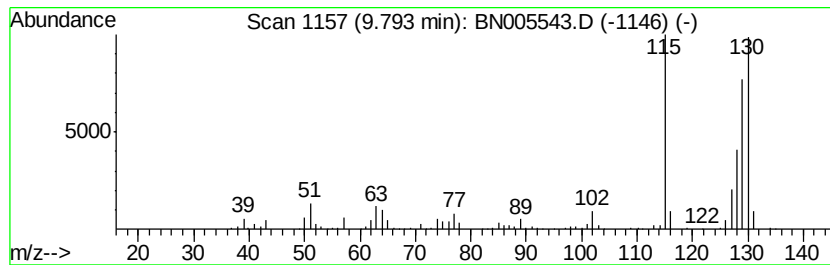
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	13.20 ng/ul	2089900	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	96
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3		Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
4		Benzene, 1-butenyl-	130	C10H10	000622-76-4	94
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	92



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Acq On : 08 May 2019 21:43
Operator : JU/SJ
Sample : K2603-08ME
Misc :
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Instrument :
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ClientSampleId :
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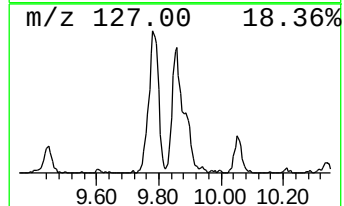
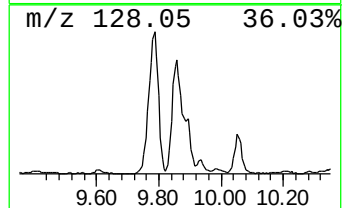
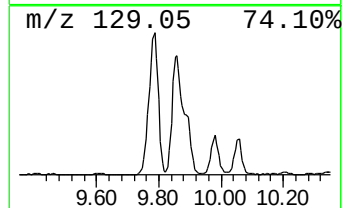
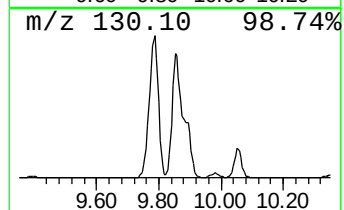
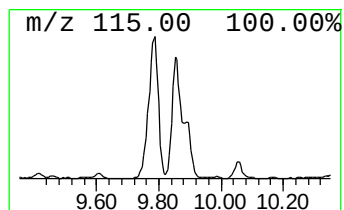
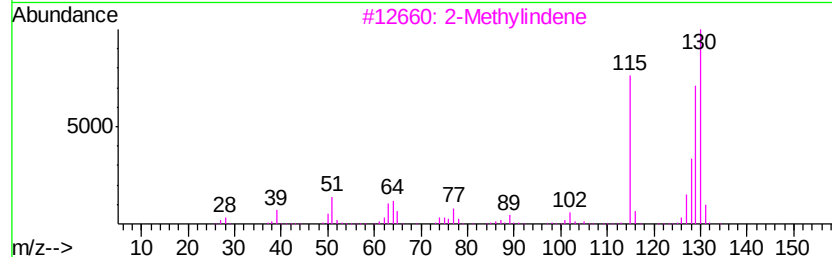
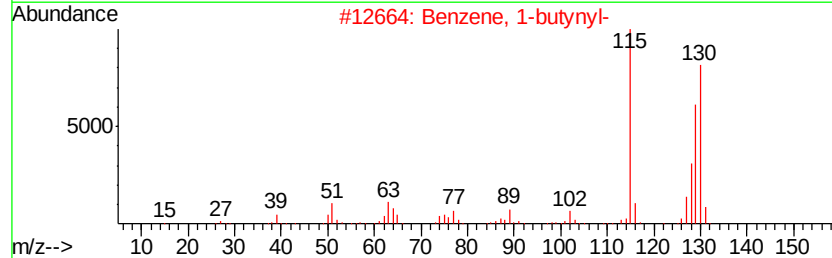
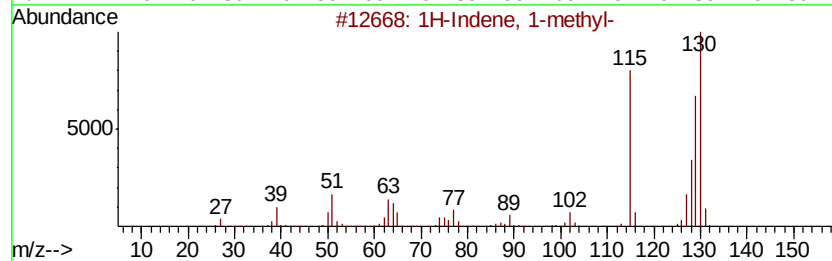
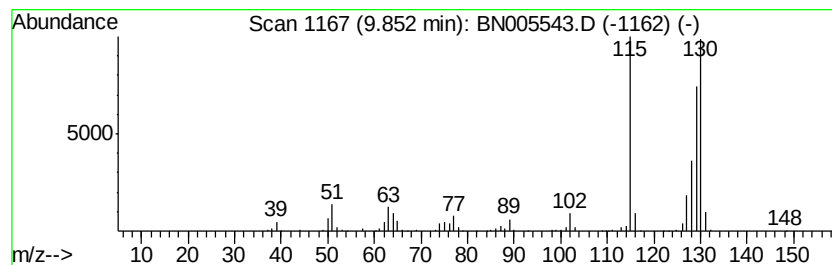
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1H-Indene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	8.64 ng/ul	1368030	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2		Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3		2-Methylindene	130	C10H10	002177-47-1	94
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5		Benzene, 1-butynyl-	130	C10H10	000622-76-4	91



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Sample : K2603-08ME
Misc :
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Instrument :
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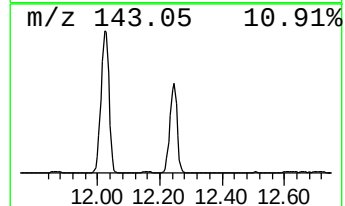
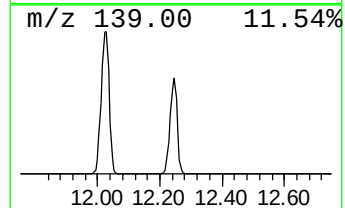
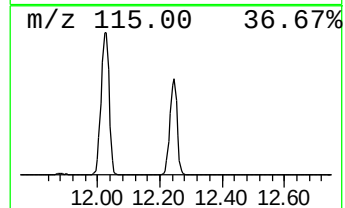
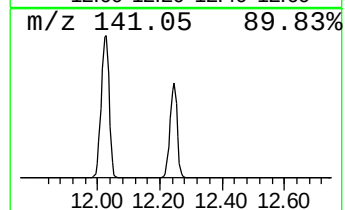
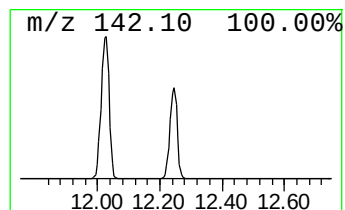
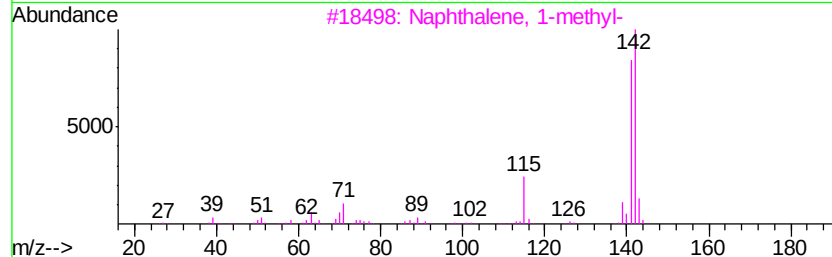
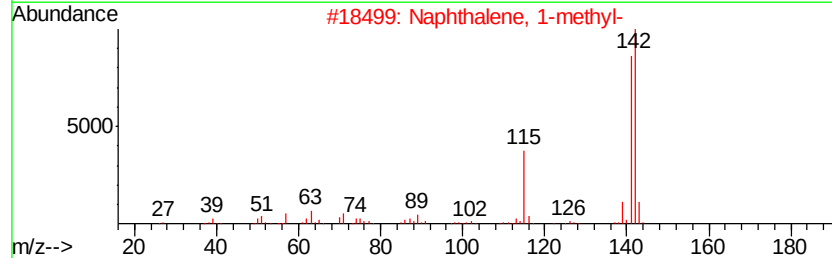
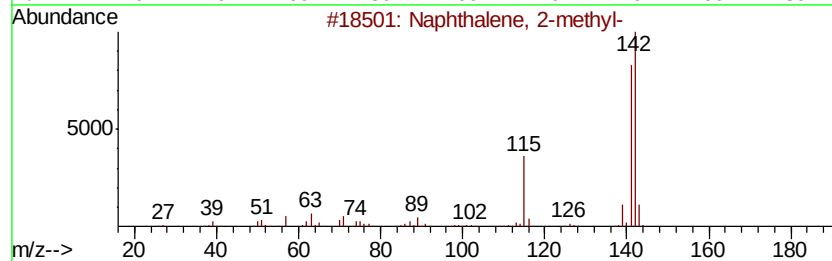
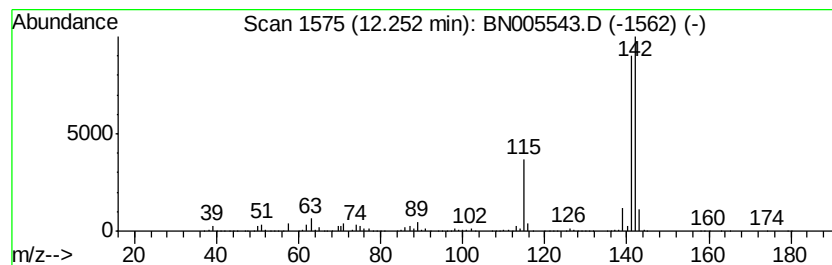
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	81.79 ng/ul	12954100	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
Operator : JU/SJ
Sample : K2603-08ME
Misc :
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ClientSampleId :
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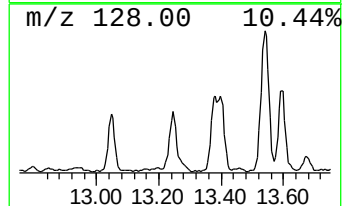
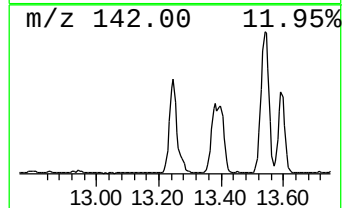
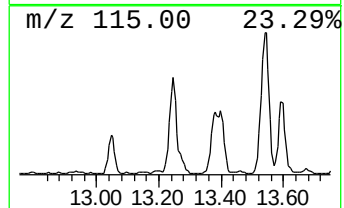
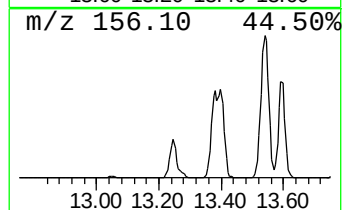
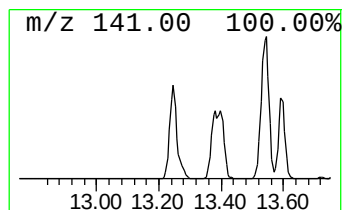
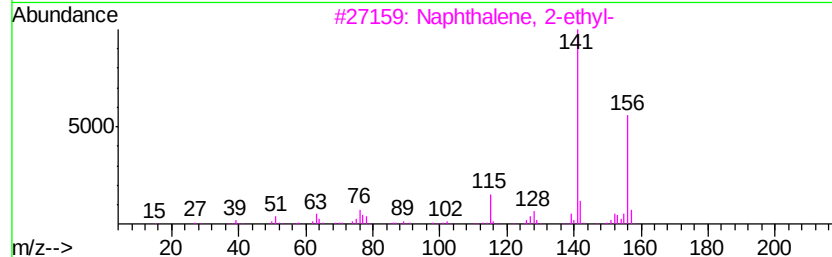
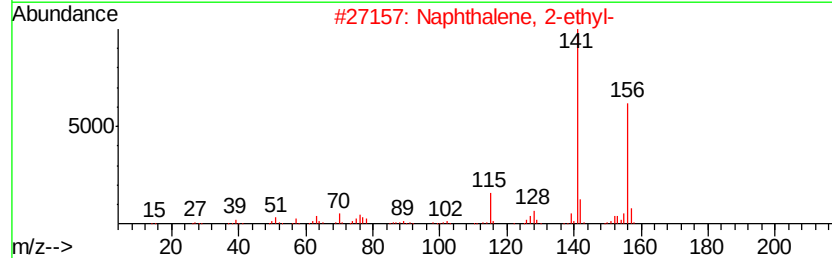
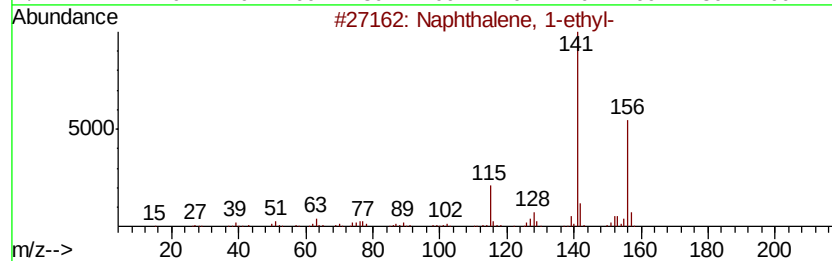
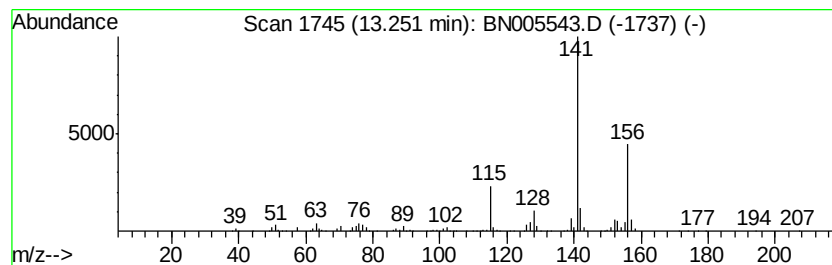
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	8.87 ng/ul	2387990	Acenaphthene-d10	14.22

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



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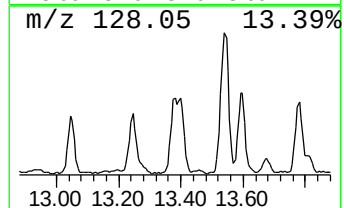
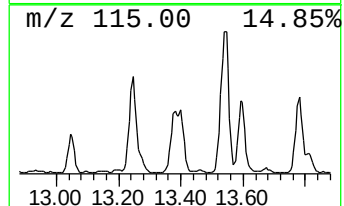
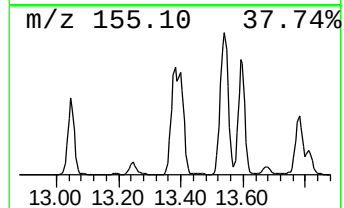
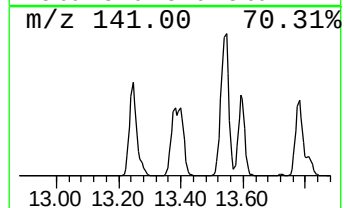
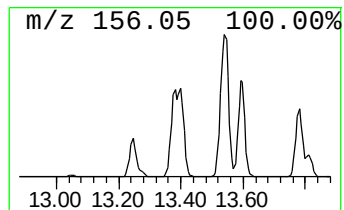
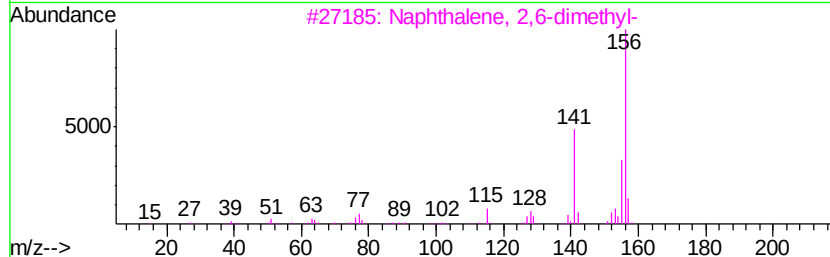
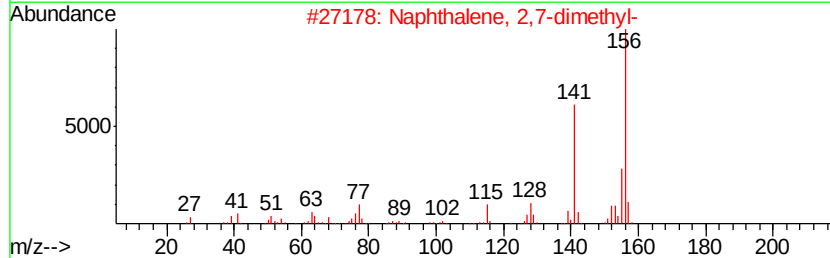
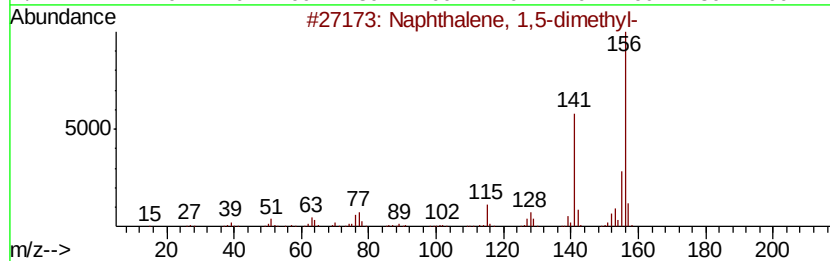
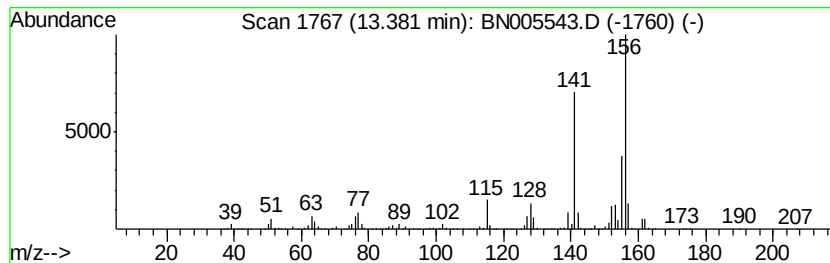
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	9.29 ng/ul	2500910	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
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Sample : K2603-08ME
Misc :
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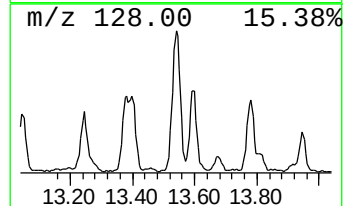
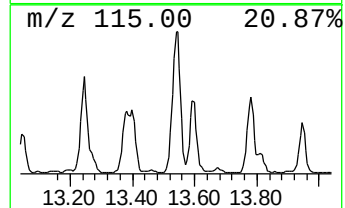
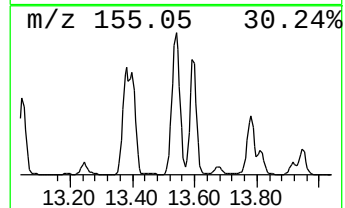
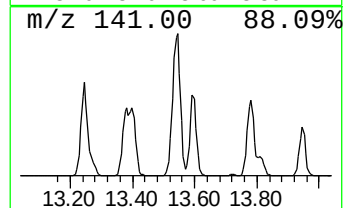
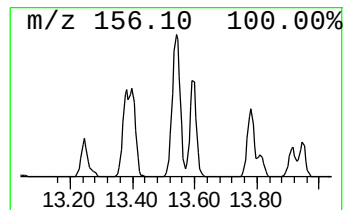
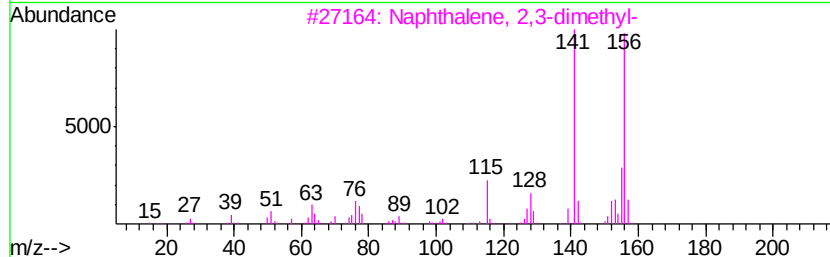
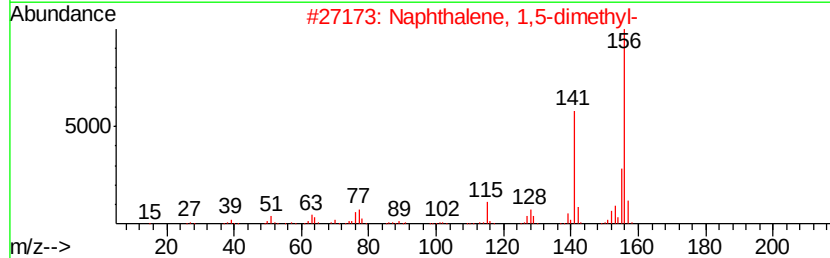
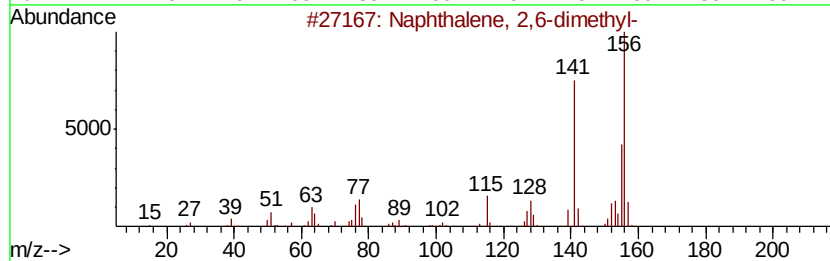
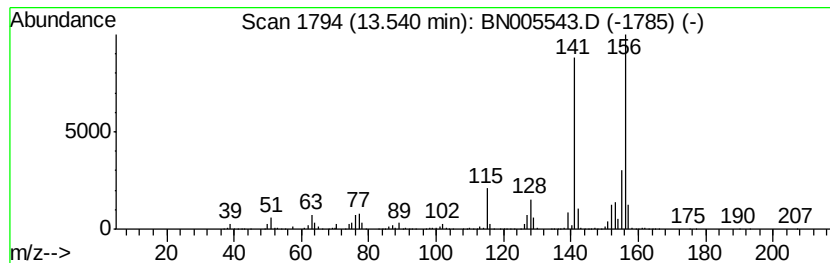
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	20.94 ng/ul	5636700	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8	96



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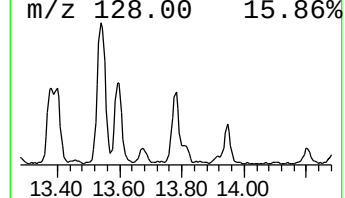
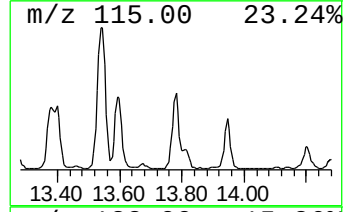
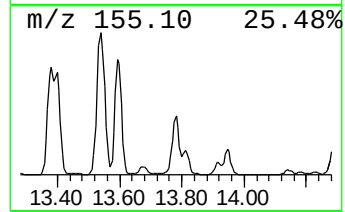
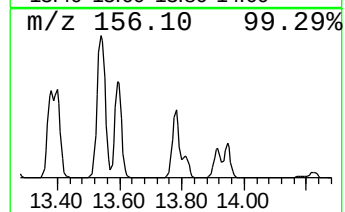
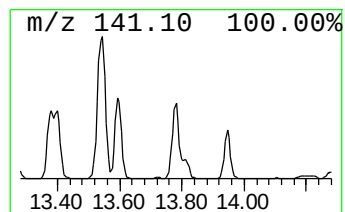
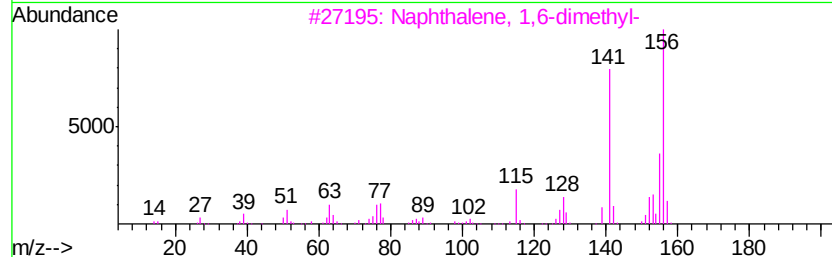
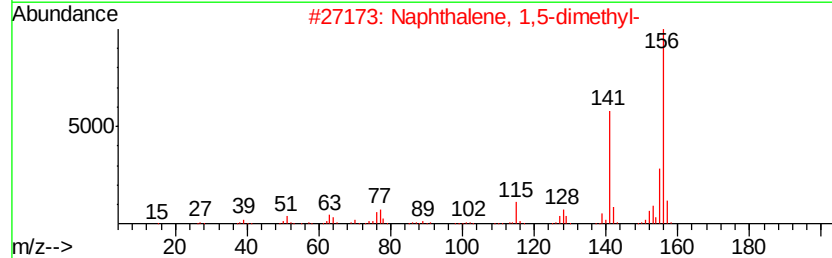
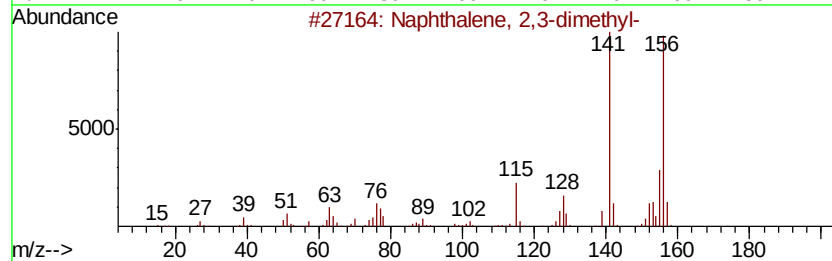
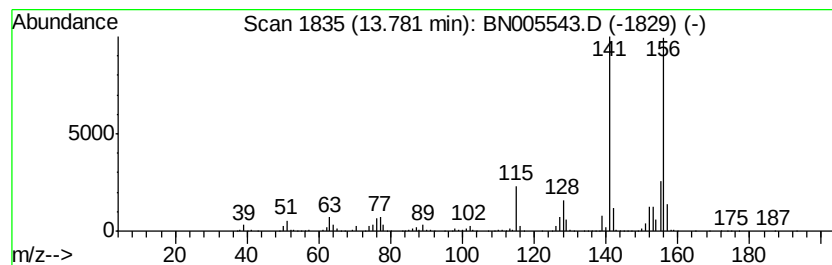
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	8.99 ng/ul	2420780	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
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Sample : K2603-08ME
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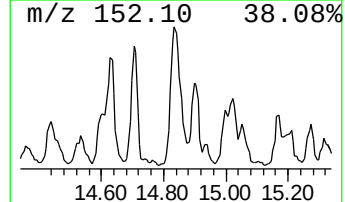
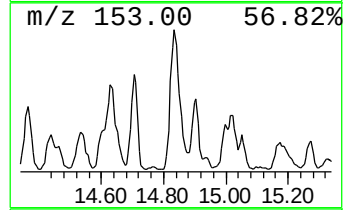
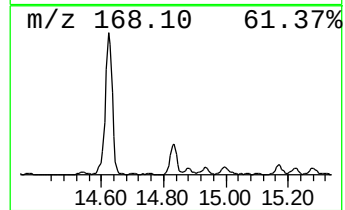
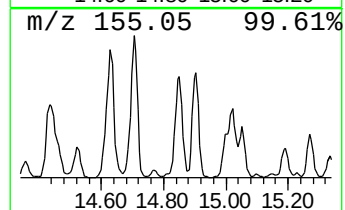
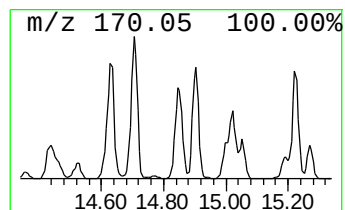
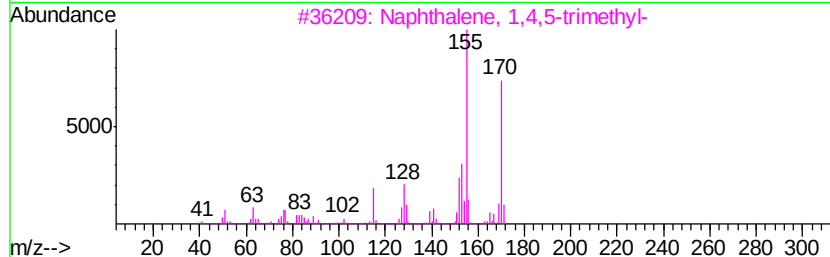
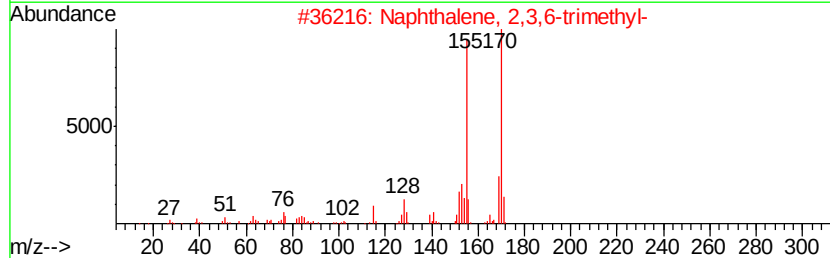
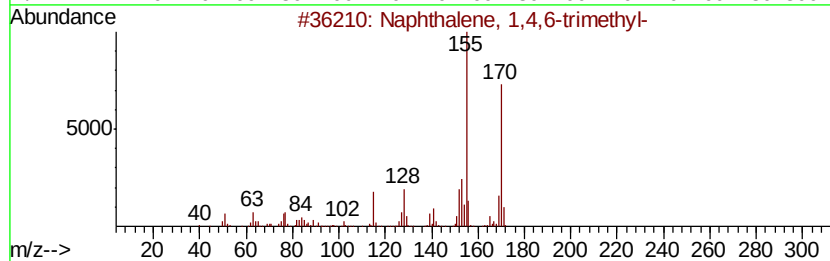
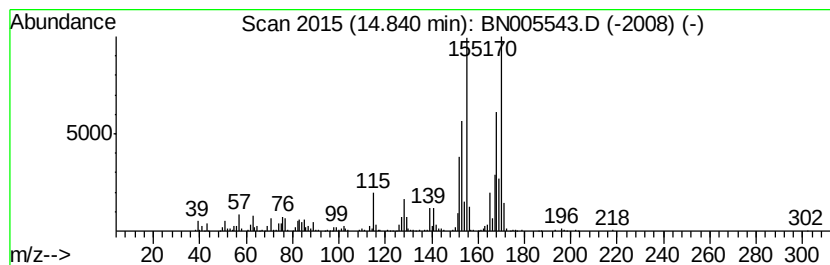
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.84	5.62 ng/ul	1512300	Acenaphthene-d10	14.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
Operator : JU/SJ
Sample : K2603-08ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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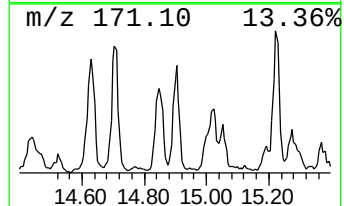
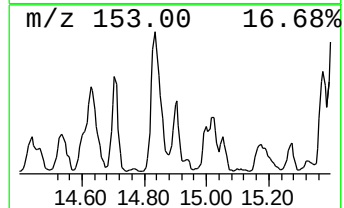
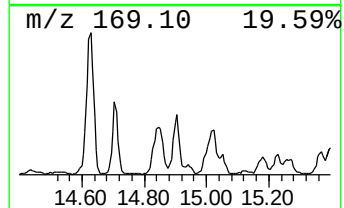
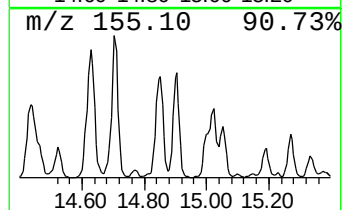
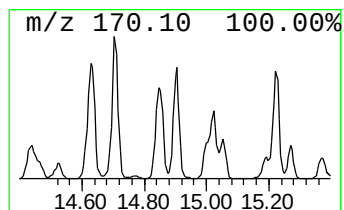
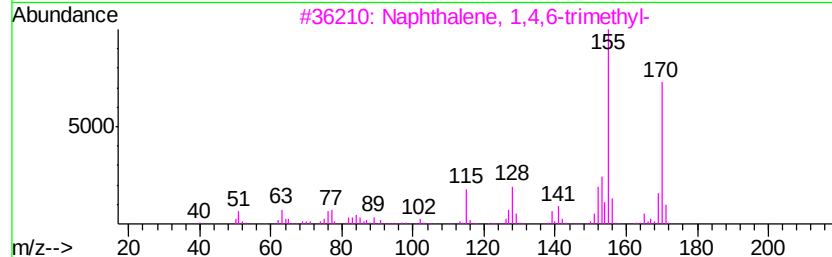
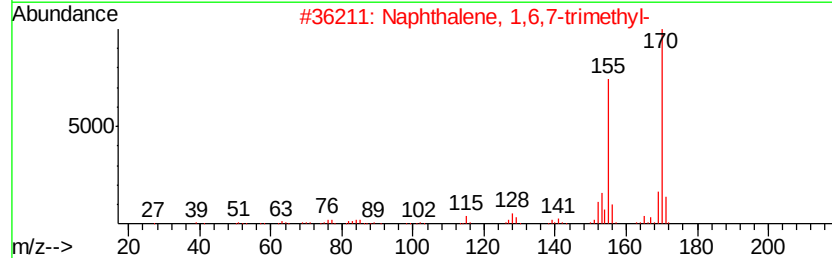
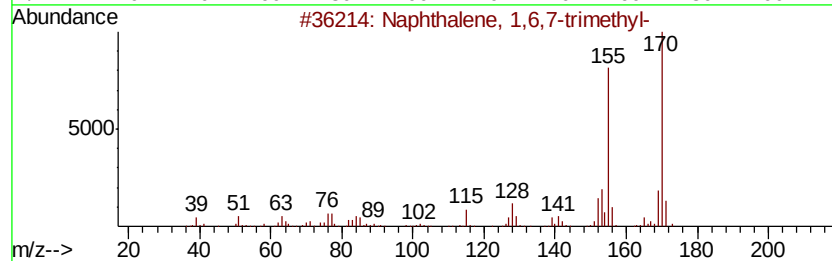
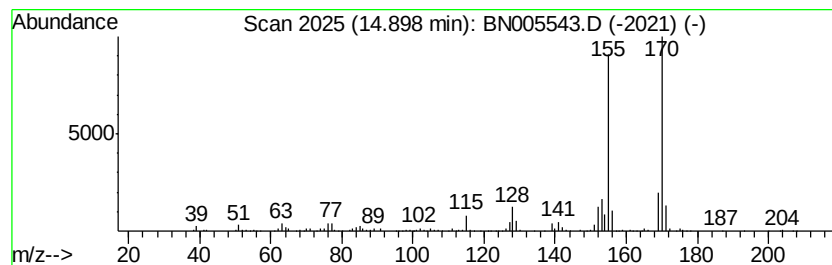
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.66 ng/ul	714861	Acenaphthene-d10	14.22

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
Operator : JU/SJ
Sample : K2603-08ME
Misc :
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Instrument :
BNA_N
ClientSampleId :
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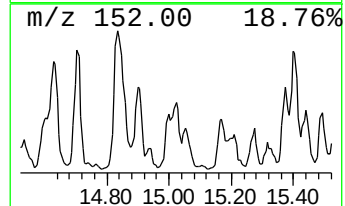
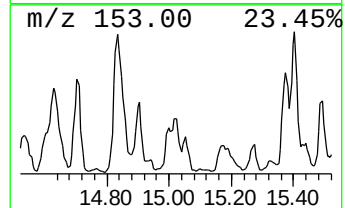
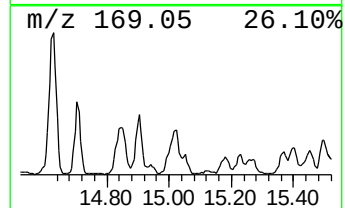
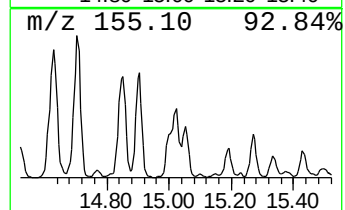
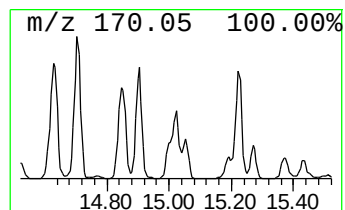
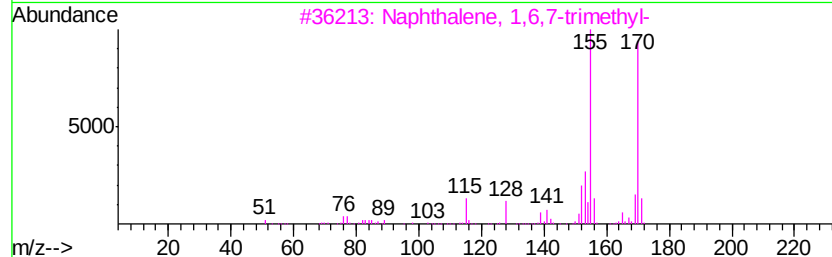
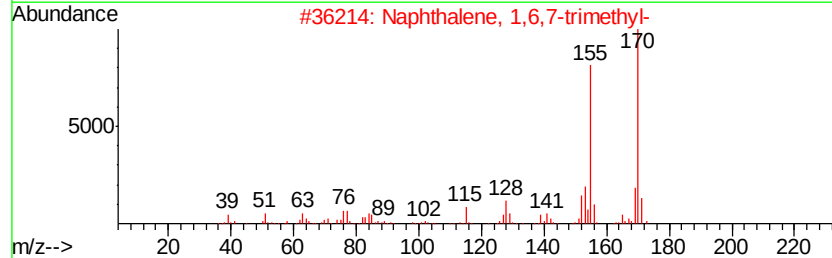
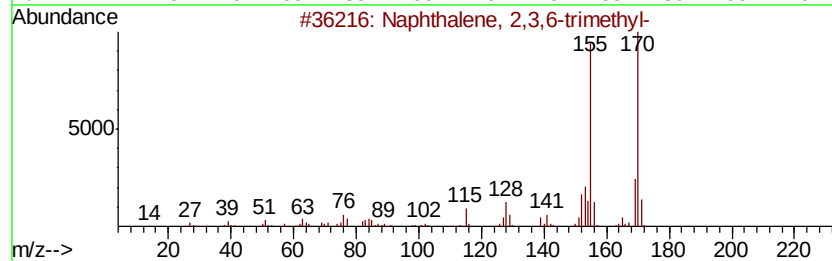
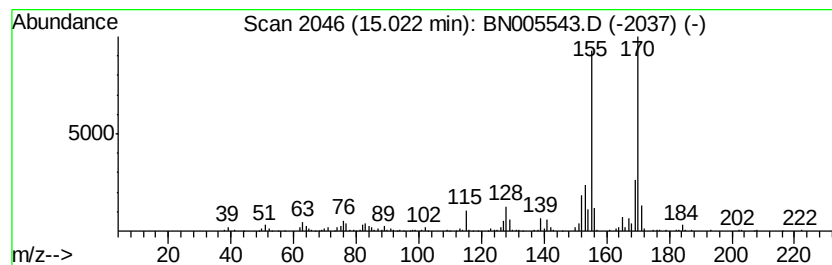
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	3.67 ng/ul	987216	Acenaphthene-d10	14.22

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
Operator : JU/SJ
Sample : K2603-08ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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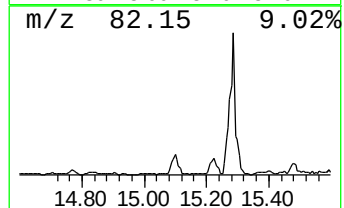
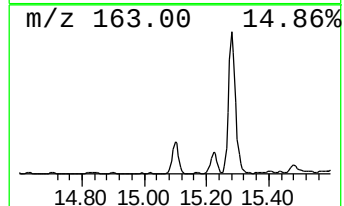
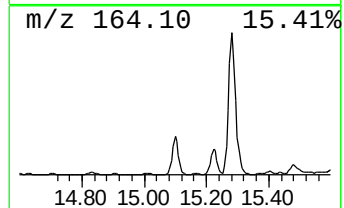
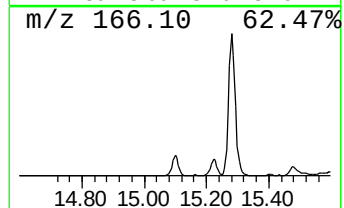
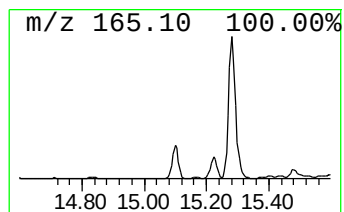
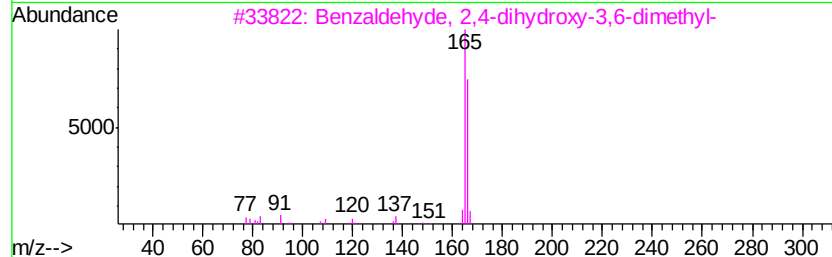
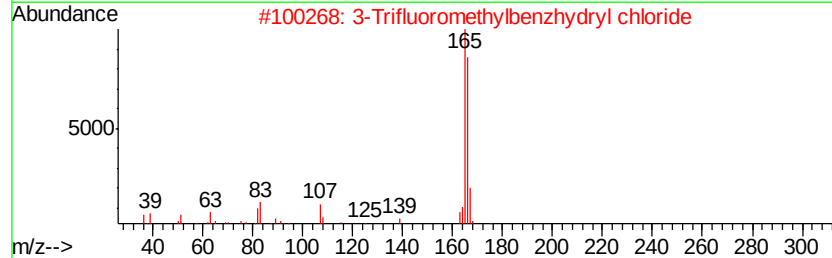
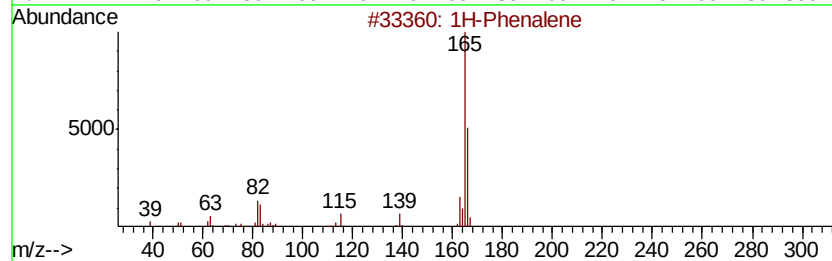
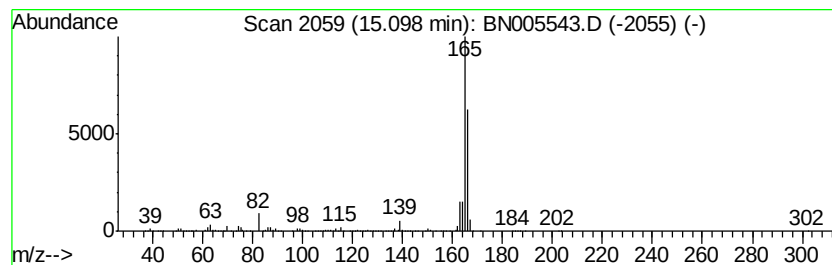
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1H-Phenalene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	6.21 ng/ul	1672090	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Phenalene	166	C13H10	000203-80-5	64
2			3-Trifluoromethylbenzhdyryl chlo...	270	C14H10ClF3	067240-79-3	64
3			Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	64
4			9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	53
5			Fluorene	166	C13H10	000086-73-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
Operator : JU/SJ
Sample : K2603-08ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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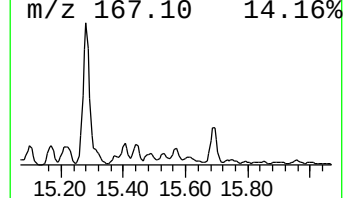
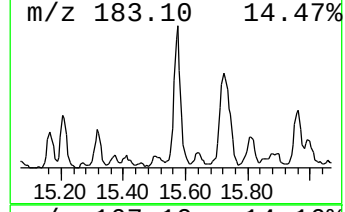
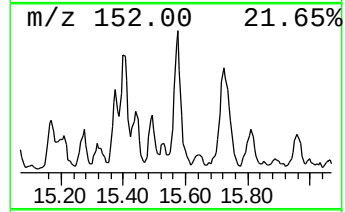
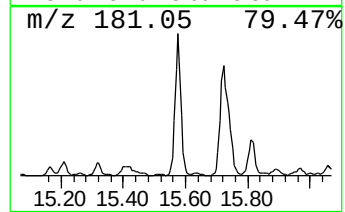
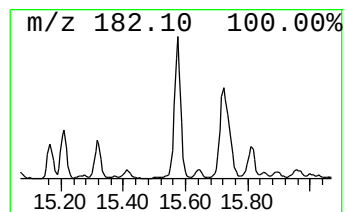
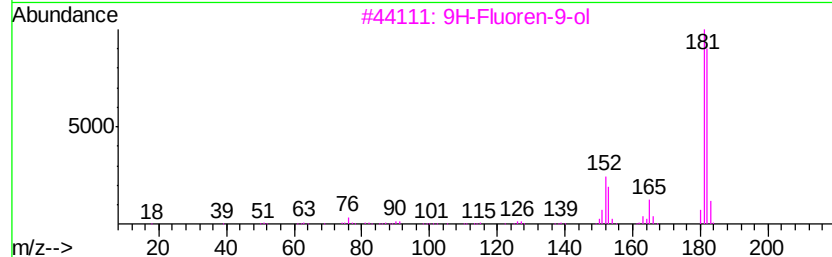
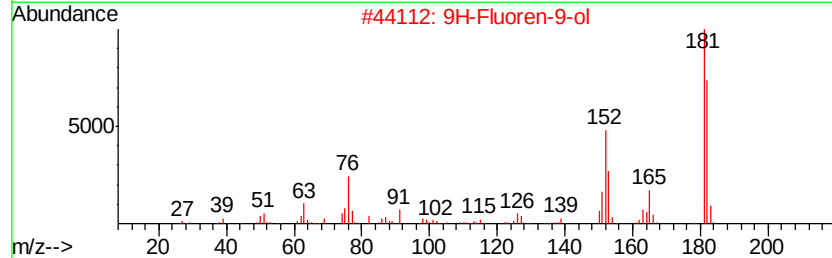
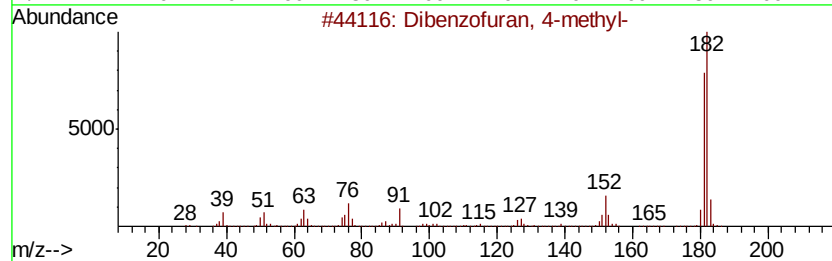
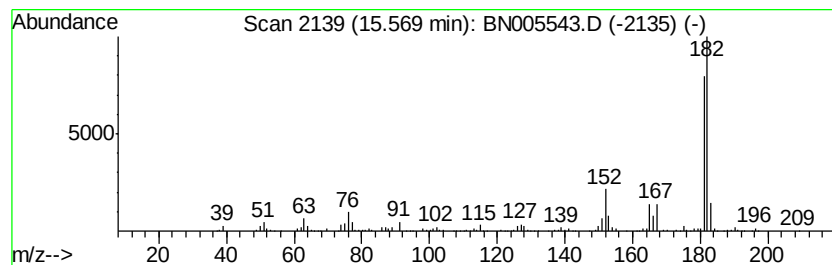
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.53 ng/ul	950982	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
Operator : JU/SJ
Sample : K2603-08ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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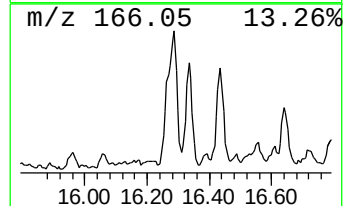
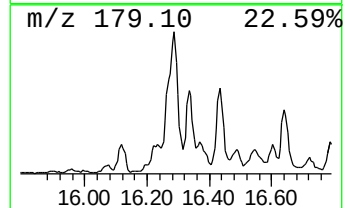
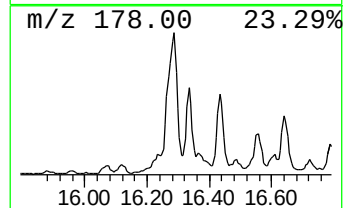
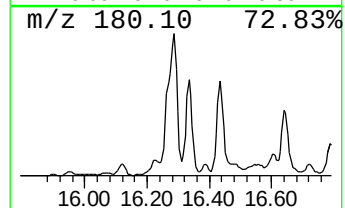
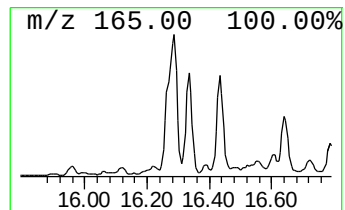
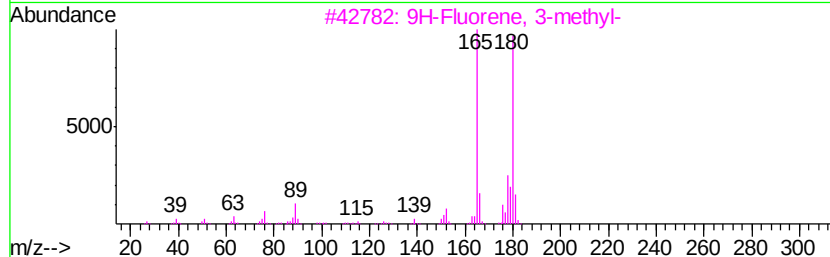
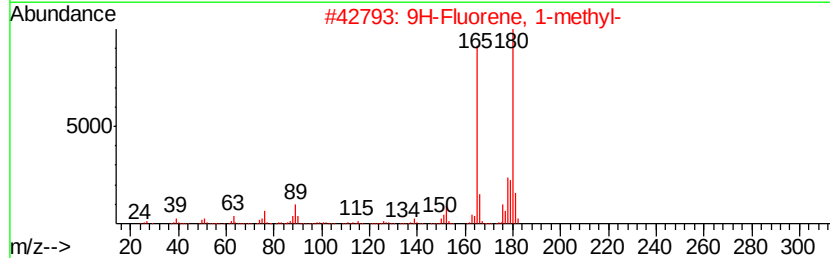
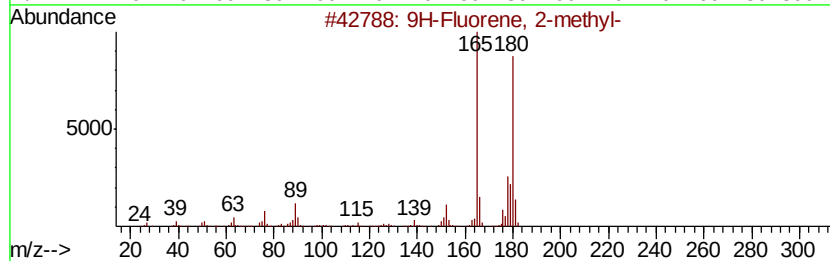
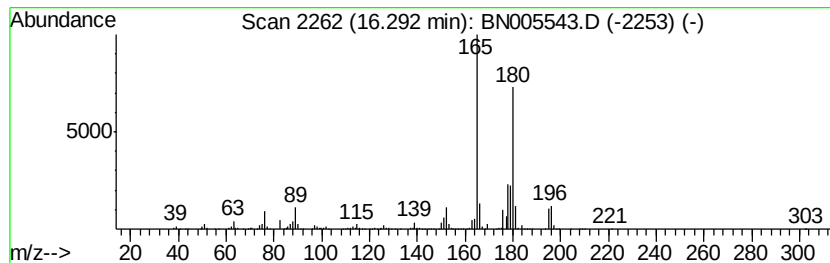
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	10.81 ng/ul	2623680	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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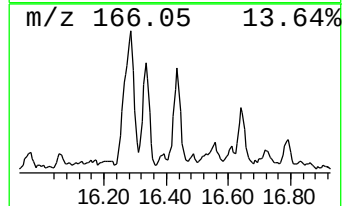
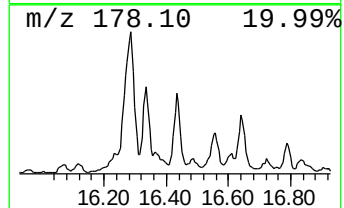
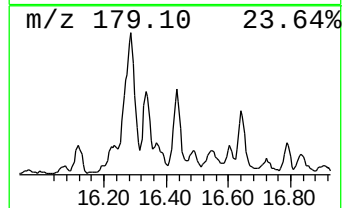
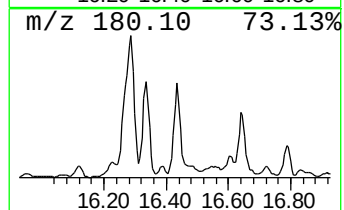
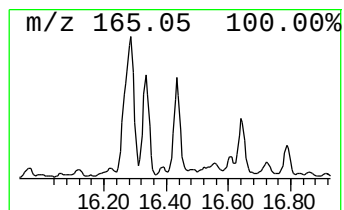
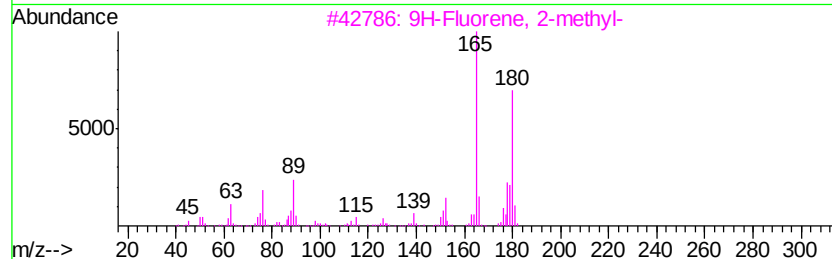
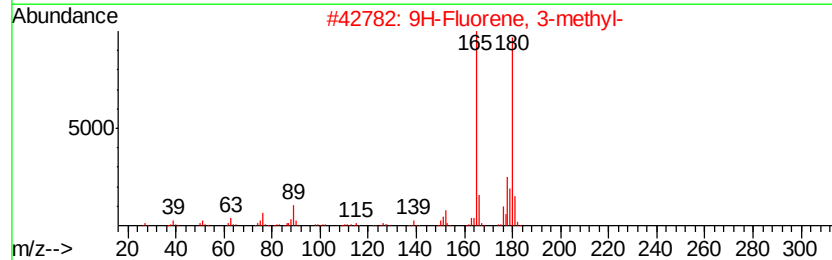
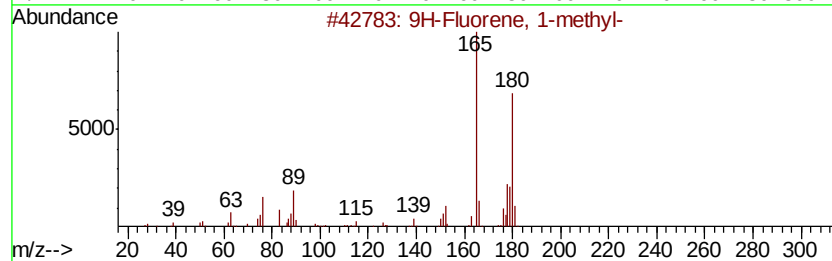
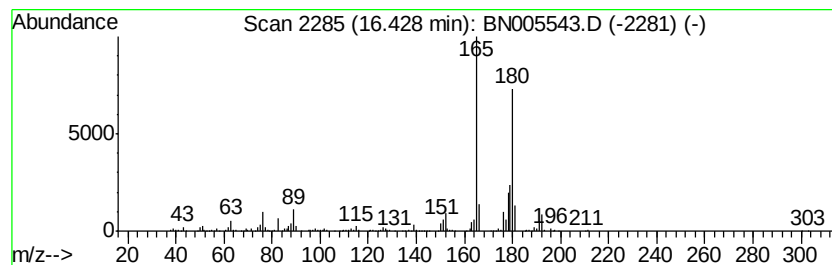
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 9H-Fluorene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	4.78 ng/ul	1160030	Phenanthrene-d10	16.98

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
Operator : JU/SJ
Sample : K2603-08ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

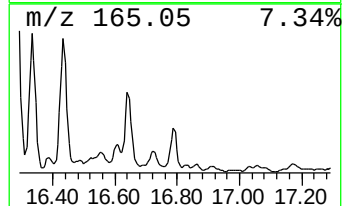
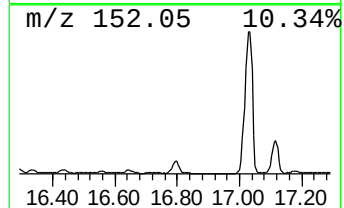
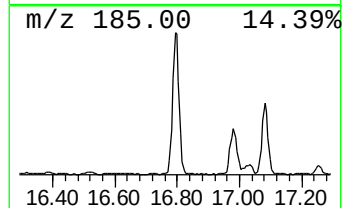
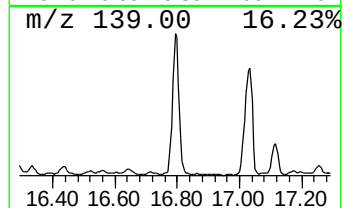
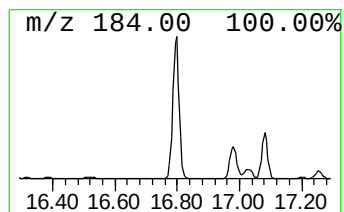
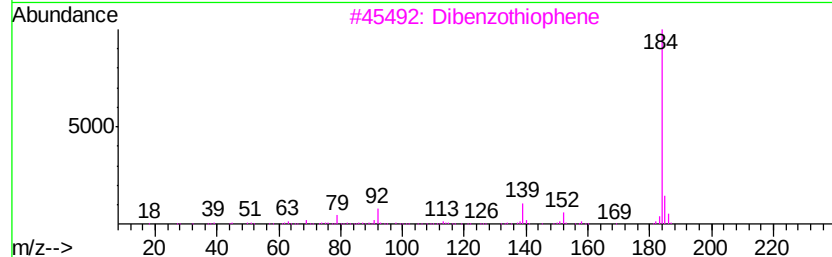
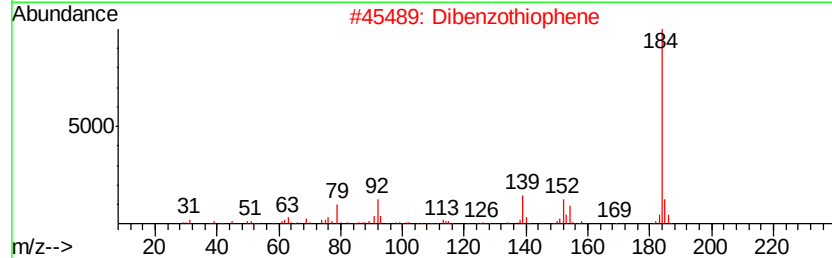
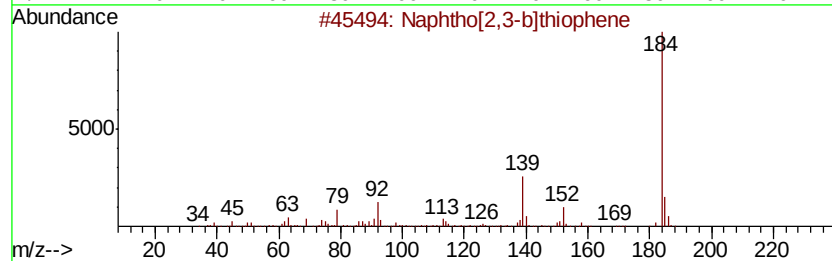
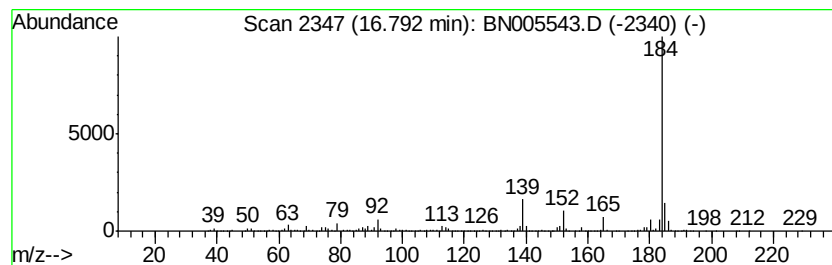
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphtho[2,3-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	13.56 ng/ul	3292310	Phenanthrene-d10	16.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphtho[2,3-b]thiophene	184 C12H8S	000268-77-9 95
2		Dibenzothiophene	184 C12H8S	000132-65-0 93
3		Dibenzothiophene	184 C12H8S	000132-65-0 93
4		Dibenzothiophene	184 C12H8S	000132-65-0 93
5		Dibenzothiophene	184 C12H8S	000132-65-0 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
Operator : JU/SJ
Sample : K2603-08ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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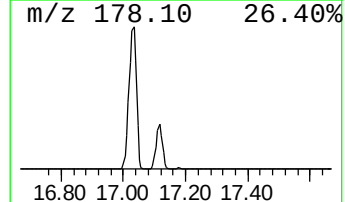
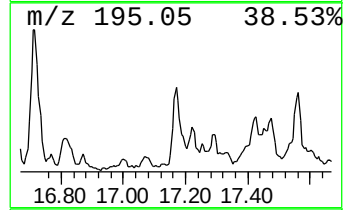
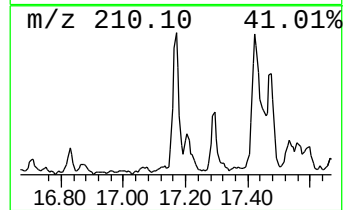
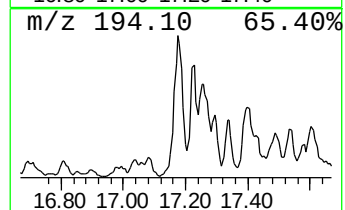
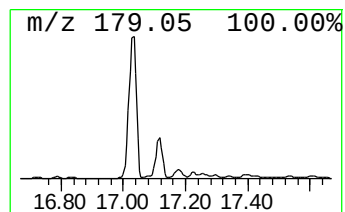
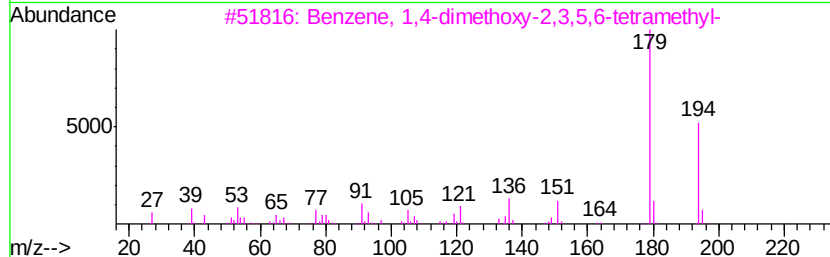
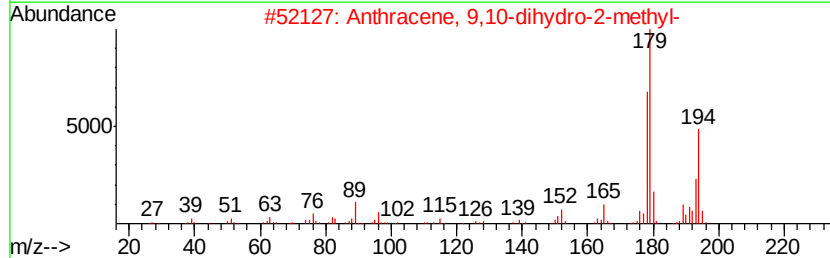
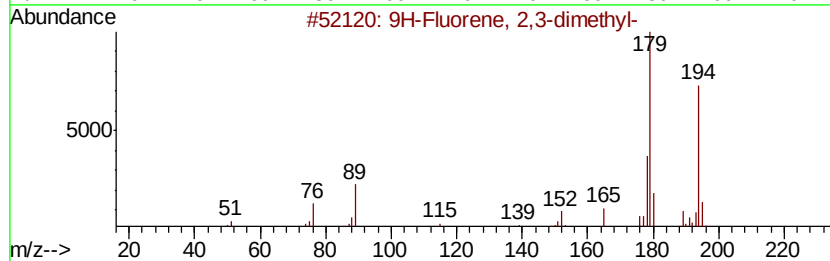
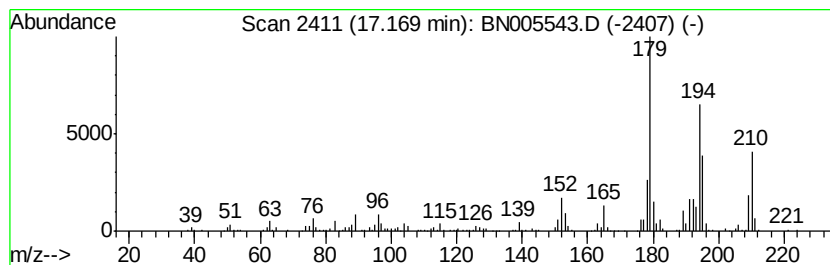
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 9H-Fluorene, 2,3-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	4.60 ng/ul	1117110	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	64
2		Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	49
3		Benzene, 1,4-dimethoxy-2,3,5,6-t...	194	C12H18O2	013199-54-7	46
4		9H-Fluorene, 2-ethyl-	194	C15H14	001207-20-1	43
5		Benzo[f]quinoline	179	C13H9N	000085-02-9	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
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Sample : K2603-08ME
Misc :
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Instrument :
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ClientSampleId :
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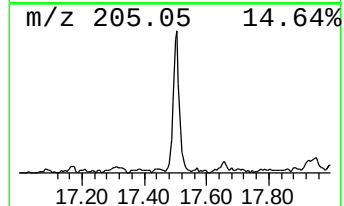
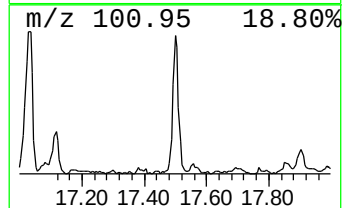
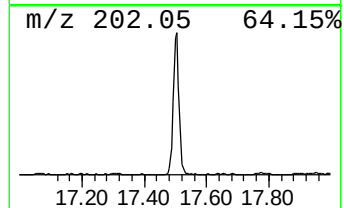
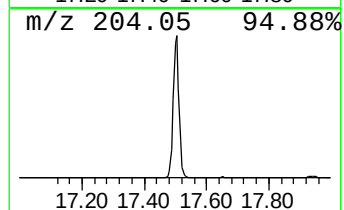
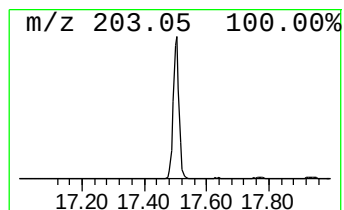
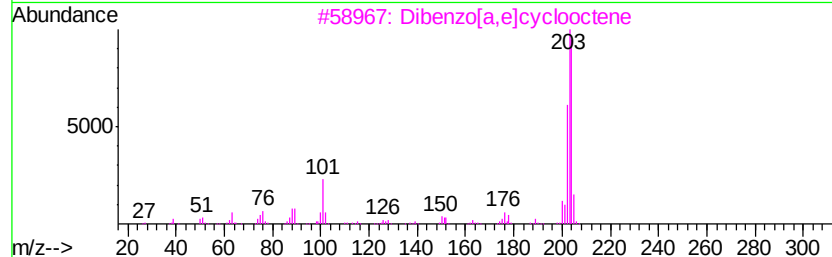
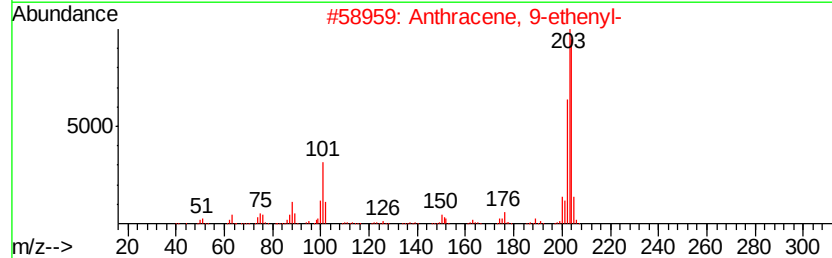
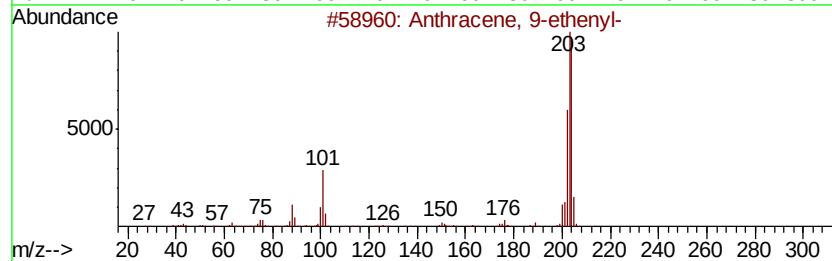
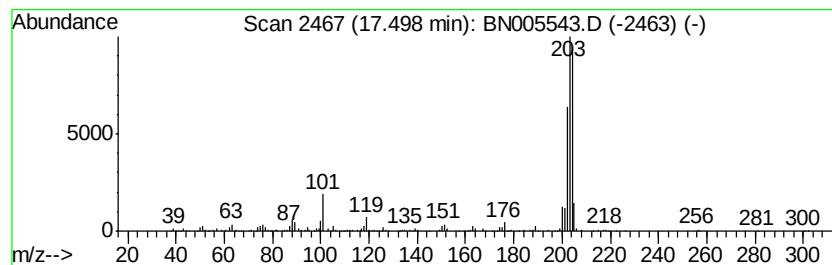
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Anthracene, 9-ethenyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	3.62 ng/ul	879372	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	95
2			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3			Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
5			Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
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Sample : K2603-08ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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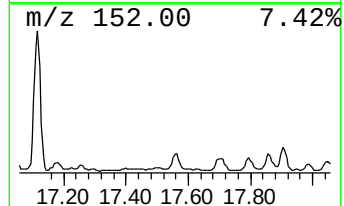
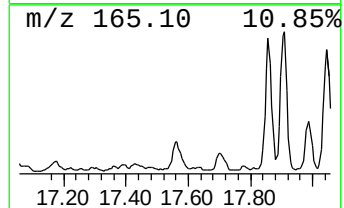
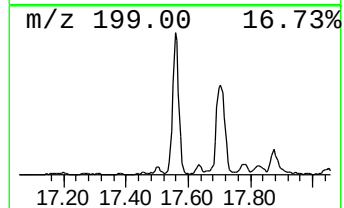
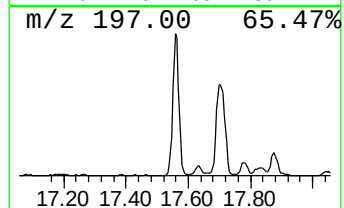
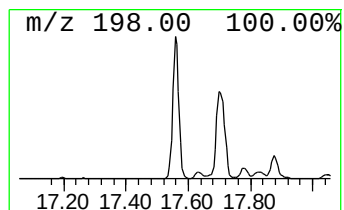
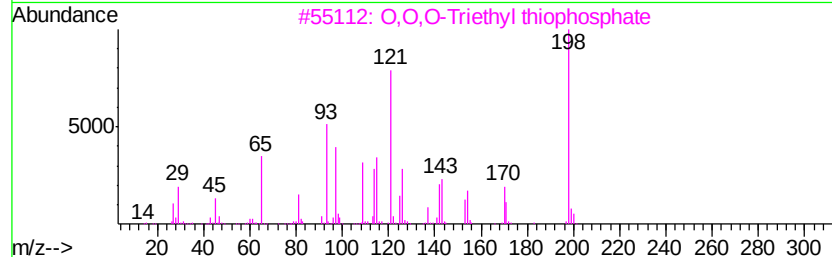
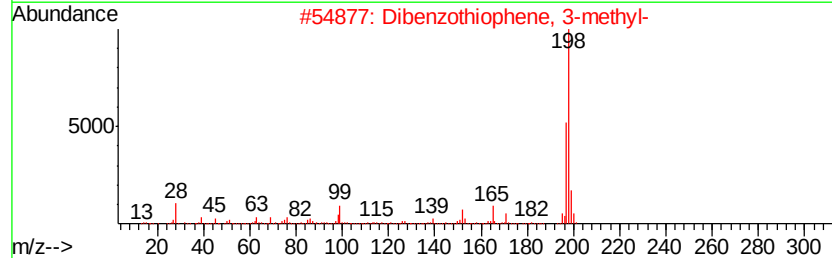
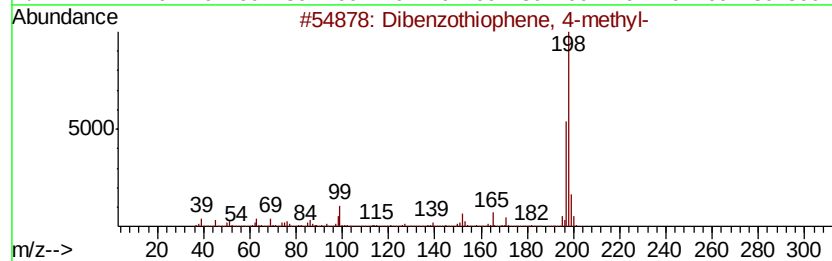
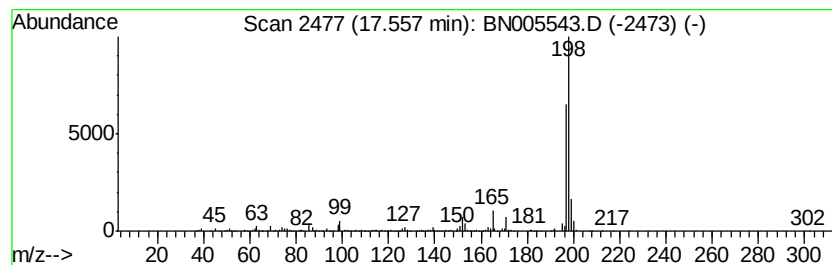
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Dibenzothiophene, 4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	5.58 ng/ul	1353870	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	96
2			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
3			O,O,O-Triethyl thiophosphate	198	C6H15O3PS	000126-68-1	87
4			Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	72
5			9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
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Sample : K2603-08ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

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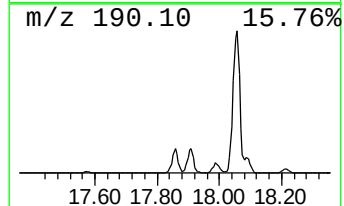
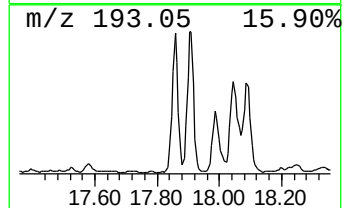
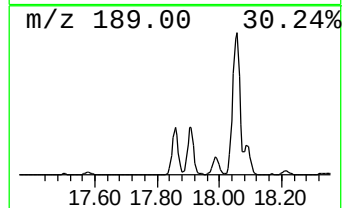
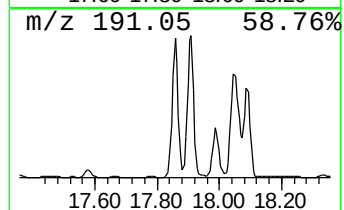
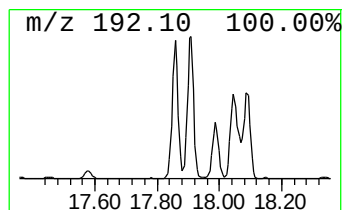
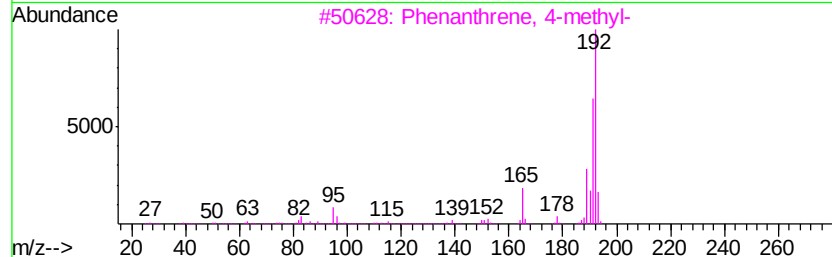
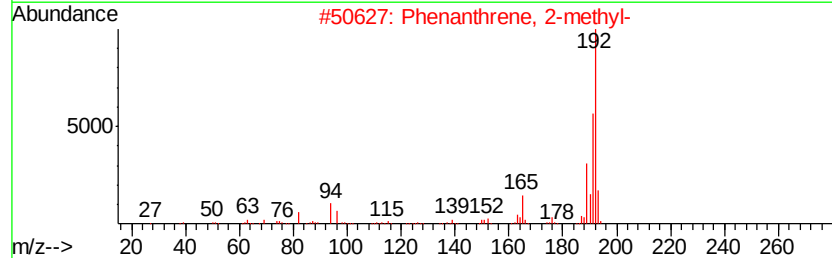
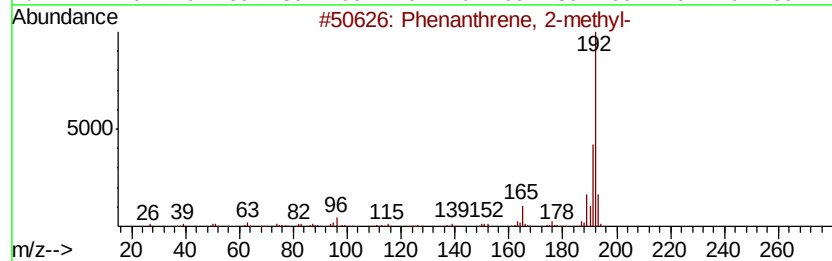
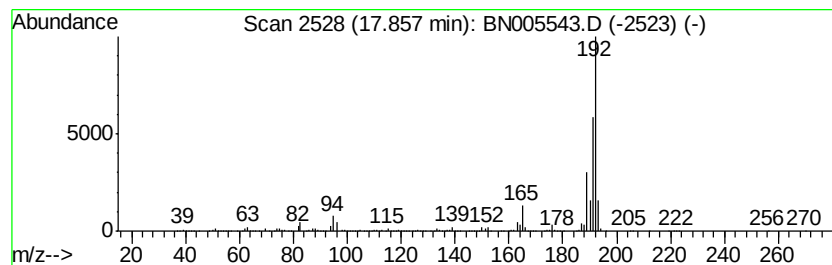
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	22.64 ng/ul	5498080	Phenanthrene-d10	16.98

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
Operator : JU/SJ
Sample : K2603-08ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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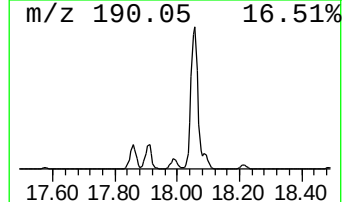
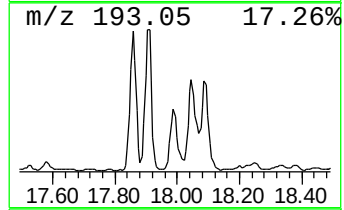
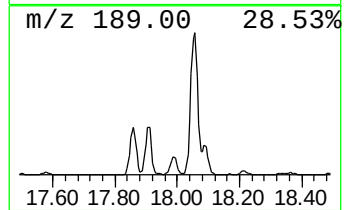
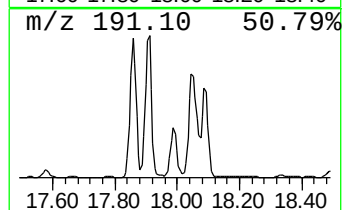
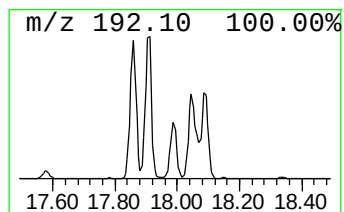
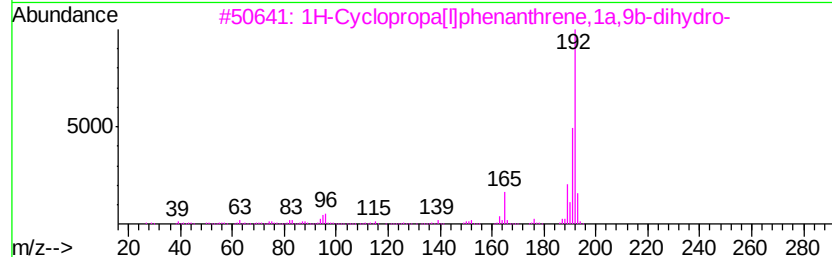
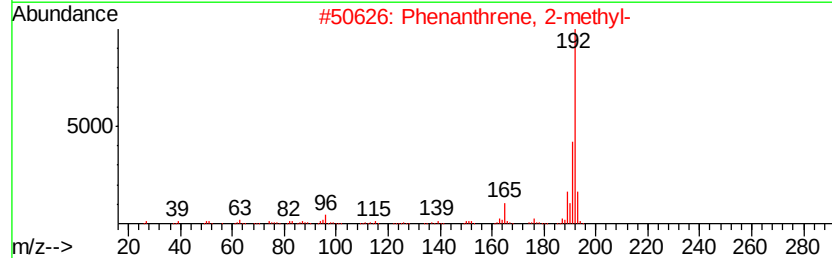
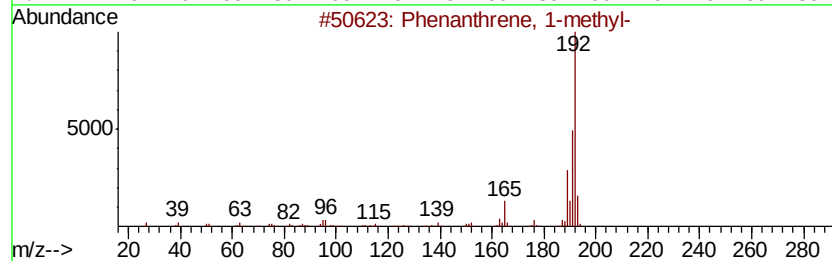
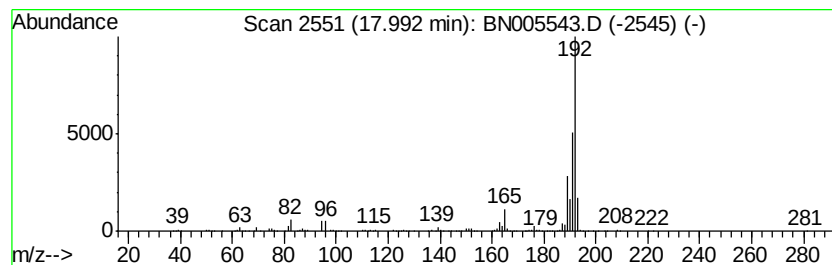
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	8.59 ng/ul	2086000	Phenanthrene-d10	16.98

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
Operator : JU/SJ
Sample : K2603-08ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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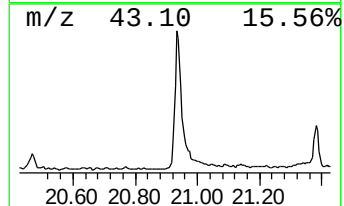
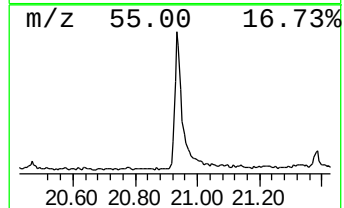
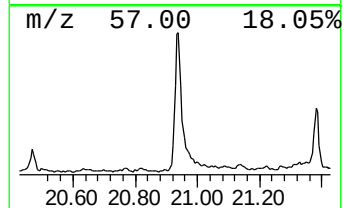
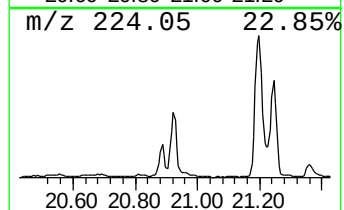
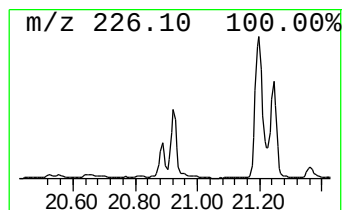
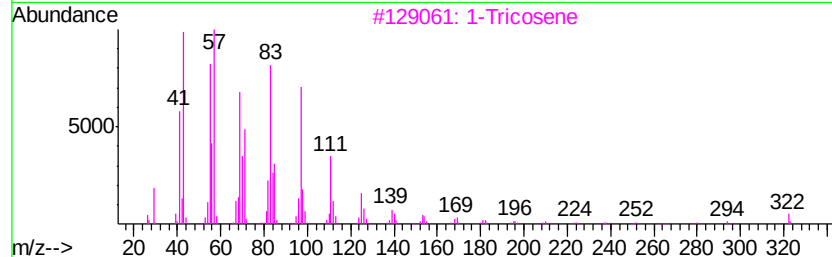
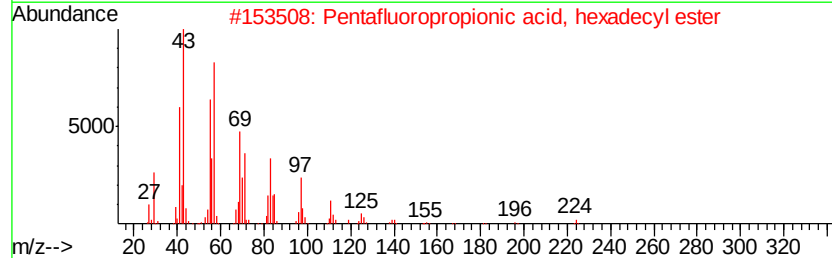
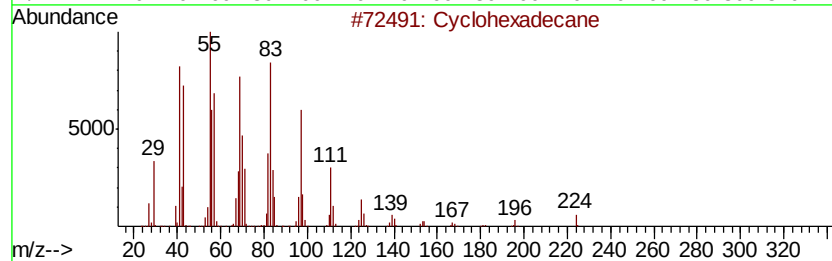
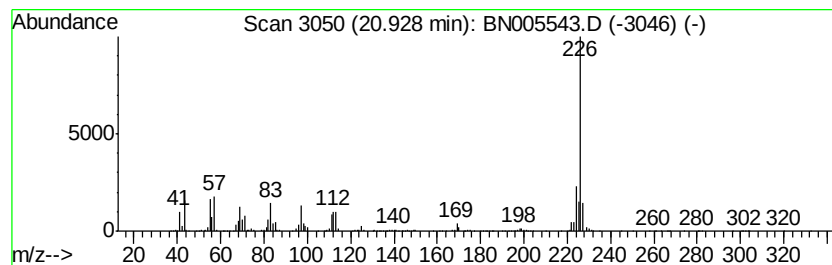
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 (DEL) Alkane: Cyclic20.93 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.11 ng/ul	1311670	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	86
2		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	50
3		1-Tricosene	322	C23H46	018835-32-0	46
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	46
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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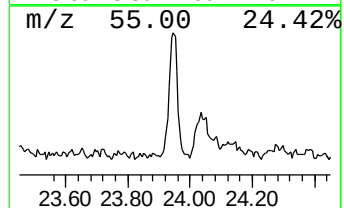
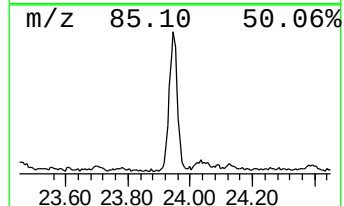
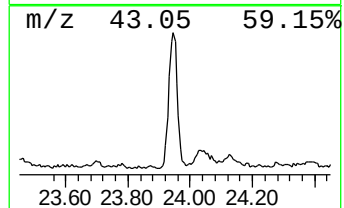
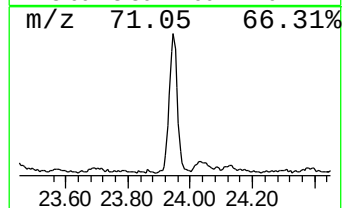
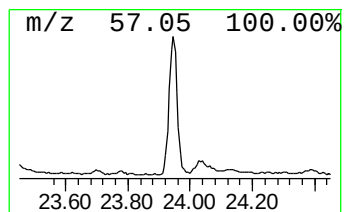
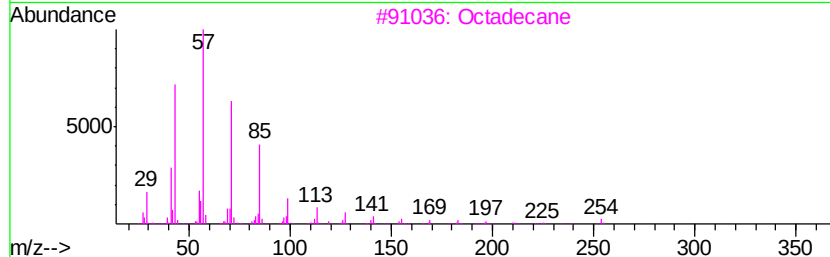
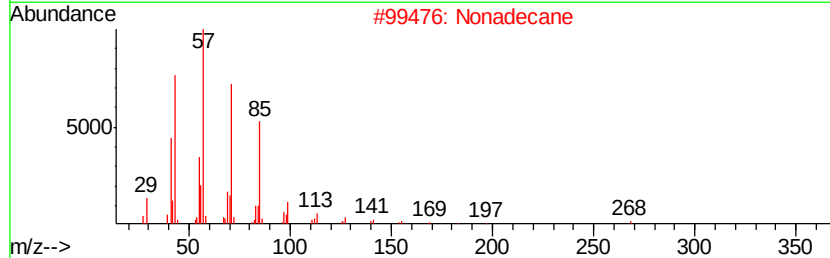
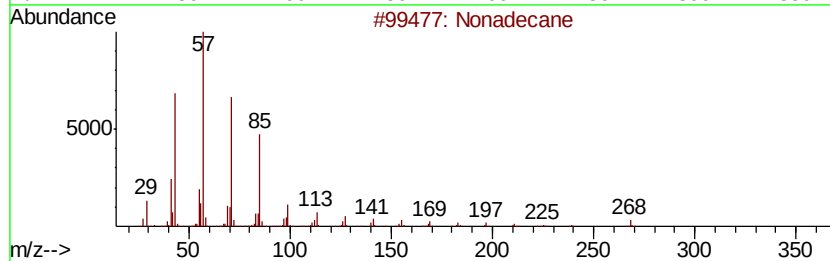
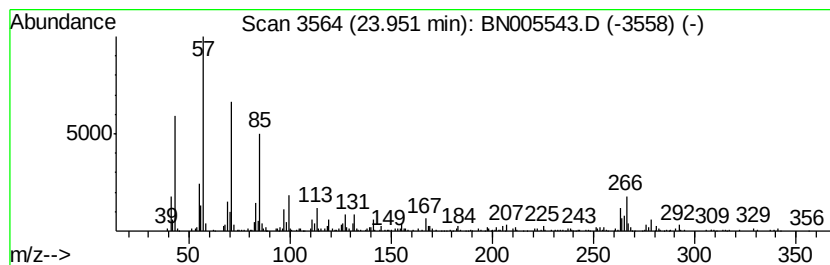
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	3.75 ng/ul	758793	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Nonadecane	268	C19H40	000629-92-5	70
3		Octadecane	254	C18H38	000593-45-3	64
4		Heneicosane	296	C21H44	000629-94-7	64
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
 Data File : BN005543.D
 Acq On : 08 May 2019 21:43
 Operator : JU/SJ
 Sample : K2603-08ME
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ60ME

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...	7.24	17.6	ng/ul	1655950	1	7.59	1886930	20.0
Indene	8.12	69.6	ng/ul	6565270	1	7.59	1886930	20.0
2-Methylindene	9.79	13.2	ng/ul	2089900	2	10.35	3167520	20.0
1H-Indene, 1-methyl-	9.85	8.6	ng/ul	1368030	2	10.35	3167520	20.0
Naphthalene, 1-me...	12.25	81.8	ng/ul	12954100	2	10.35	3167520	20.0
Naphthalene, 1-et...	13.25	8.9	ng/ul	2387990	3	14.22	5382720	20.0
Naphthalene, 1,5-...	13.38	9.3	ng/ul	2500910	3	14.22	5382720	20.0
Naphthalene, 2,6-...	13.54	20.9	ng/ul	5636700	3	14.22	5382720	20.0
Naphthalene, 2,3-...	13.78	9.0	ng/ul	2420780	3	14.22	5382720	20.0
Naphthalene, 1,4,...	14.84	5.6	ng/ul	1512300	3	14.22	5382720	20.0
Naphthalene, 1,6,...	14.90	2.7	ng/ul	714861	3	14.22	5382720	20.0
Naphthalene, 2,3,...	15.02	3.7	ng/ul	987216	3	14.22	5382720	20.0
1H-Phenylene	15.10	6.2	ng/ul	1672090	3	14.22	5382720	20.0
Dibenzofuran, 4-m...	15.57	3.5	ng/ul	950982	3	14.22	5382720	20.0
9H-Fluorene, 2-me...	16.29	10.8	ng/ul	2623680	4	16.98	4856220	20.0
9H-Fluorene, 1-me...	16.43	4.8	ng/ul	1160030	4	16.98	4856220	20.0
Naphtho[2,3-b]thi...	16.79	13.6	ng/ul	3292310	4	16.98	4856220	20.0
9H-Fluorene, 2,3-...	17.17	4.6	ng/ul	1117110	4	16.98	4856220	20.0
Anthracene, 9-eth...	17.50	3.6	ng/ul	879372	4	16.98	4856220	20.0
Dibenzothiophene,...	17.56	5.6	ng/ul	1353870	4	16.98	4856220	20.0
Phenanthrene, 2-m...	17.86	22.6	ng/ul	5498080	4	16.98	4856220	20.0
Phenanthrene, 1-m...	17.99	8.6	ng/ul	2086000	4	16.98	4856220	20.0
(DEL) Alkane: Cyc...	20.93	2.1	ng/ul	1311670	5	21.21	12430000	20.0
(DEL) Alkane: Str...	23.95	3.8	ng/ul	758793	6	23.41	4045210	20.0