

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009631.D
 Acq On : 07 Feb 2020 04:47
 Operator : CG/JU
 Sample : L1324-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT60

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.146	361	367	380	rBV	380029	874246	1.34%	0.148%
2	7.093	692	698	706	rBV3	1165436	2051077	3.14%	0.348%
3	7.434	749	756	766	rBV	690887	1076750	1.65%	0.183%
4	7.958	835	845	855	rBV	2278251	3587375	5.49%	0.609%
5	8.146	871	877	887	rVV	545792	866770	1.33%	0.147%
6	9.628	1113	1129	1135	rBV3	938067	2342895	3.59%	0.398%
7	9.693	1135	1140	1145	rBV	738183	1387214	2.12%	0.235%
8	9.822	1157	1162	1169	rVB	535581	905444	1.39%	0.154%
9	10.187	1217	1224	1227	rBV	909214	1623960	2.49%	0.276%
10	10.263	1227	1237	1242	rVV2	30454333	65314243	100.00%	11.085%
11	10.352	1242	1252	1260	rVV2	557445	1237763	1.90%	0.210%
12	11.869	1500	1510	1517	rVB	17477309	30153839	46.17%	5.118%
13	12.087	1535	1547	1557	rVB	11797803	18904429	28.94%	3.208%
14	12.893	1678	1684	1699	rVB	3793901	5996044	9.18%	1.018%
15	13.093	1712	1718	1730	rVB2	795479	1916717	2.93%	0.325%
16	13.228	1734	1741	1743	rBV	2770124	4475404	6.85%	0.760%
17	13.393	1761	1769	1774	rVV	5294089	9183394	14.06%	1.559%
18	13.445	1774	1778	1783	rVV	3250537	4721374	7.23%	0.801%
19	13.498	1783	1787	1788	rVV	1026641	1292039	1.98%	0.219%
20	13.522	1788	1791	1799	rVB2	2239934	3485890	5.34%	0.592%
21	13.628	1804	1809	1813	rBV	2377882	3681420	5.64%	0.625%
22	13.793	1826	1837	1845	rBV	9917951	15969566	24.45%	2.710%
23	14.063	1877	1883	1890	rVV2	2389773	4504803	6.90%	0.765%
24	14.134	1890	1895	1899	rVV	1518451	2259878	3.46%	0.384%
25	14.169	1899	1901	1905	rVB	865692	952277	1.46%	0.162%
26	14.304	1916	1924	1931	rBV2	489994	1271641	1.95%	0.216%
27	14.481	1944	1954	1963	rBV2	1833470	3825956	5.86%	0.649%
28	14.563	1963	1968	1972	rBV	1181239	1518675	2.33%	0.258%
29	14.693	1983	1990	1996	rBV3	1281312	2899479	4.44%	0.492%
30	14.757	1997	2001	2005	rVB	875739	1075806	1.65%	0.183%
31	14.957	2030	2035	2041	rVB2	1438997	2270789	3.48%	0.385%
32	15.075	2050	2055	2060	rVB3	2419108	3527904	5.40%	0.599%
33	15.134	2060	2065	2077	rVB	7413346	12035462	18.43%	2.043%
34	15.257	2077	2086	2089	rBV3	846315	1877601	2.87%	0.319%

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009631.D
 Acq On : 07 Feb 2020 04:47
 Operator : CG/JU
 Sample : L1324-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT60

Integration Parameters: LSCINT.P

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

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

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

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

35	15.334	2095	2099	2104	rBV2	530067	966320	1.48%	0.164%
36	15.428	2110	2115	2119	rBV	1071130	1706287	2.61%	0.290%
37	15.545	2129	2135	2138	rBV	2135831	2967119	4.54%	0.504%
38	15.822	2176	2182	2186	rBV3	479057	960274	1.47%	0.163%
39	16.139	2229	2236	2241	rBV2	1571816	3203007	4.90%	0.544%
40	16.192	2241	2245	2250	rVB	1039800	1408565	2.16%	0.239%
41	16.287	2257	2261	2267	rVB	983891	1448923	2.22%	0.246%
42	16.498	2293	2297	2304	rVB2	844008	1301257	1.99%	0.221%
43	16.645	2315	2322	2328	rBV	3795922	5719169	8.76%	0.971%
44	16.834	2348	2354	2356	rBV	1140592	1808601	2.77%	0.307%
45	16.892	2356	2364	2368	rVV2	30649281	56855814	87.05%	9.650%
46	16.934	2368	2371	2373	rVV	1479308	1868183	2.86%	0.317%
47	16.969	2373	2377	2383	rVV	9567687	13115870	20.08%	2.226%
48	17.028	2383	2387	2392	rVB2	584734	926764	1.42%	0.157%
49	17.357	2438	2443	2447	rVB2	1306930	1659906	2.54%	0.282%
50	17.410	2447	2452	2459	rVB2	1700436	2653034	4.06%	0.450%
51	17.551	2472	2476	2483	rVB	1150057	2151687	3.29%	0.365%
52	17.710	2497	2503	2507	rVV	7068530	10074879	15.43%	1.710%
53	17.757	2507	2511	2518	rVV	7553416	10627500	16.27%	1.804%
54	17.839	2520	2525	2530	rVV2	2821394	3996775	6.12%	0.678%
55	17.904	2530	2536	2540	rVV2	9134626	16569185	25.37%	2.812%
56	17.939	2540	2542	2551	rVB	5053183	5611659	8.59%	0.952%
57	18.216	2584	2589	2593	rBV	3720819	4820000	7.38%	0.818%
58	18.463	2628	2631	2636	rVV2	783665	1165918	1.79%	0.198%
59	18.516	2636	2640	2643	rVV	961065	1323692	2.03%	0.225%
60	18.551	2643	2646	2651	rVB	697623	1002665	1.54%	0.170%
61	18.639	2652	2661	2665	rBV	3267880	5409749	8.28%	0.918%
62	18.698	2666	2671	2675	rVV2	2083607	4021823	6.16%	0.683%
63	18.733	2675	2677	2681	rVV	1383349	1407078	2.15%	0.239%
64	18.781	2681	2685	2693	rVV4	1349799	3125597	4.79%	0.530%
65	18.910	2700	2707	2712	rBV	17802896	25483547	39.02%	4.325%
66	19.057	2727	2732	2737	rVB	4748224	5999701	9.19%	1.018%
67	19.280	2758	2770	2777	rBV	22442876	38199660	58.49%	6.483%
68	19.351	2777	2782	2788	rVB4	595277	1052366	1.61%	0.179%
69	19.604	2819	2825	2831	rBV	1810105	3708895	5.68%	0.629%
70	19.739	2842	2848	2850	rBV3	1742844	3142507	4.81%	0.533%
71	19.775	2850	2854	2858	rVB	4527355	6433407	9.85%	1.092%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009631.D
 Acq On : 07 Feb 2020 04:47
 Operator : CG/JU
 Sample : L1324-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT60

Integration Parameters: LSCINT.P

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

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

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

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

72	19.875	2867	2871	2876	rVB	4007177	4795166	7.34%	0.814%
73	19.933	2876	2881	2885	rBV	2912623	3731564	5.71%	0.633%
74	20.028	2892	2897	2900	rBV4	737871	1227720	1.88%	0.208%
75	20.069	2900	2904	2908	rVV	2327659	3222654	4.93%	0.547%
76	20.116	2908	2912	2922	rVB	3364966	4993399	7.65%	0.847%
77	20.486	2971	2975	2979	rBV	563079	1095474	1.68%	0.186%
78	20.686	3006	3009	3012	rVV	1704607	2093052	3.20%	0.355%
79	20.727	3012	3016	3019	rVV	2211029	2390184	3.66%	0.406%
80	20.763	3019	3022	3031	rVV2	1312563	2577864	3.95%	0.438%
81	21.033	3063	3068	3073	rBV2	12115929	18874336	28.90%	3.203%
82	21.086	3073	3077	3083	rVB	8894936	11240794	17.21%	1.908%
83	21.198	3093	3096	3099	rBV2	631685	898065	1.37%	0.152%
84	21.533	3149	3153	3155	rBV3	638817	851136	1.30%	0.144%
85	21.586	3158	3162	3166	rVV2	2394829	3430302	5.25%	0.582%
86	21.633	3167	3170	3175	rVB2	1056289	1419112	2.17%	0.241%
87	21.727	3183	3186	3189	rVB	1094806	1336855	2.05%	0.227%
88	21.769	3189	3193	3195	rVV	1216829	1542739	2.36%	0.262%
89	21.798	3195	3198	3204	rVB2	1980186	2494151	3.82%	0.423%
90	21.863	3206	3209	3217	rVB2	725584	1004452	1.54%	0.170%
91	22.551	3319	3326	3335	rBV	4195275	11872057	18.18%	2.015%
92	22.698	3346	3351	3358	rVB	1574104	2531034	3.88%	0.430%
93	22.986	3393	3400	3404	rBV	3129239	5629597	8.62%	0.955%
94	23.027	3404	3407	3410	rVV	989538	1619260	2.48%	0.275%
95	23.080	3410	3416	3421	rVB	6495945	10774261	16.50%	1.829%
96	23.163	3426	3430	3433	rVV	1158002	1993491	3.05%	0.338%
97	23.204	3434	3437	3445	rVB2	1133324	2049842	3.14%	0.348%
98	23.957	3561	3565	3572	rVB	858560	1471147	2.25%	0.250%
99	25.227	3774	3781	3790	rVB	1939631	4907432	7.51%	0.833%
100	25.857	3881	3888	3901	rVB	1565120	4172184	6.39%	0.708%

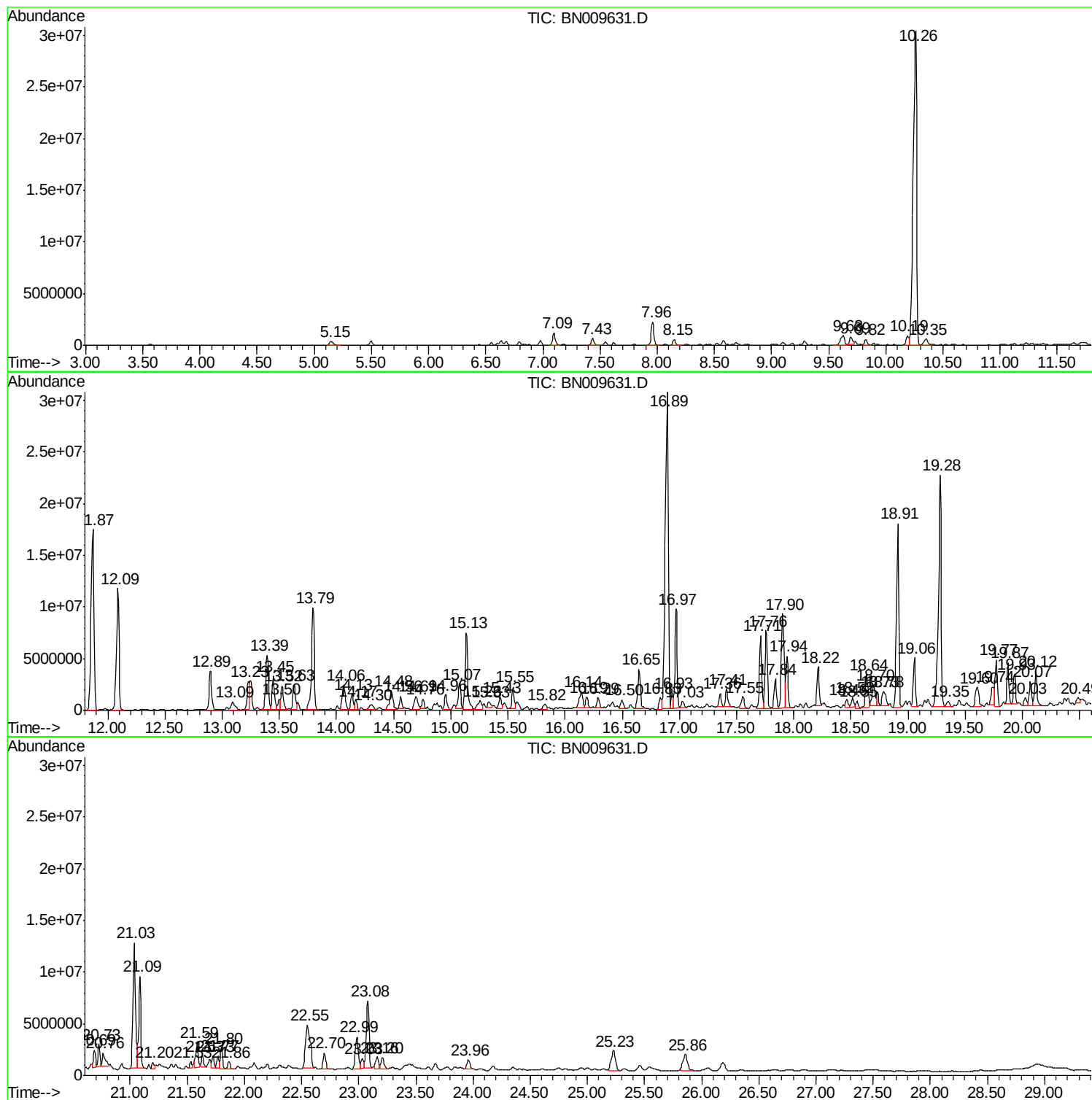
Sum of corrected areas: 589204831

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

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

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

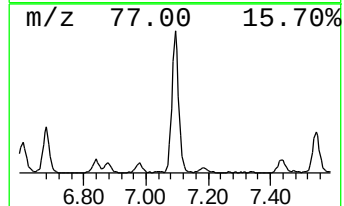
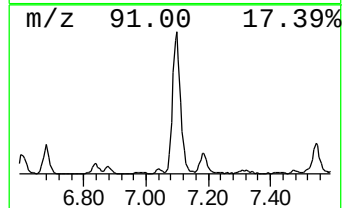
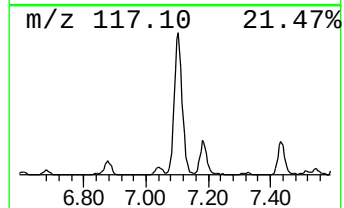
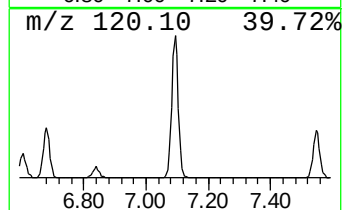
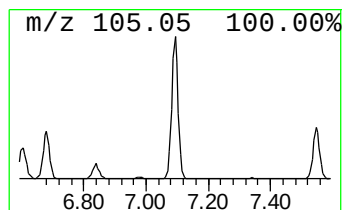
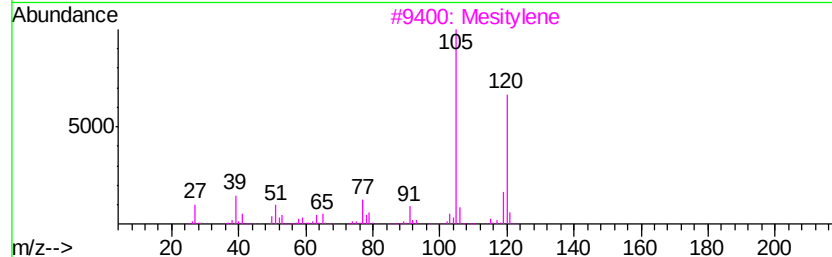
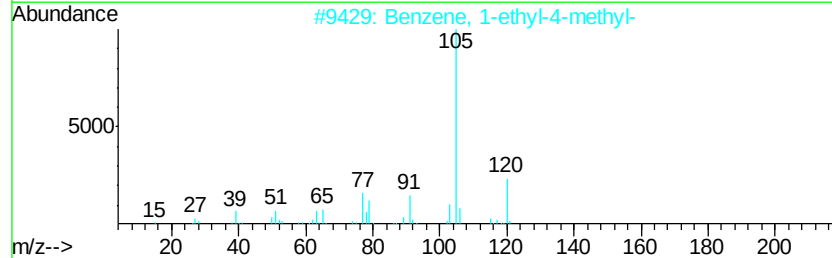
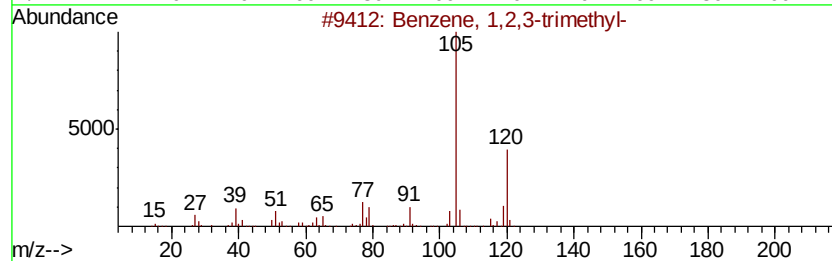
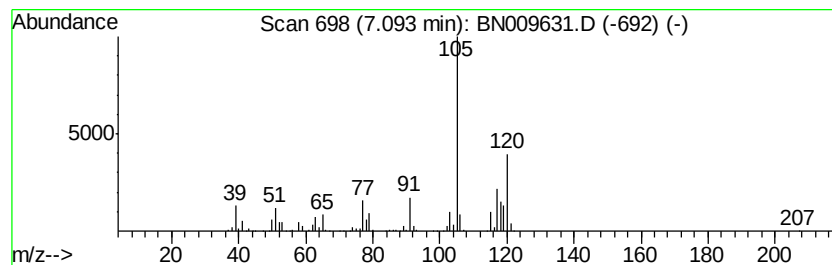
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	38.10 ng/ul	2051080	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3		Mesitylene	120	C9H12	000108-67-8	70
4		Mesitylene	120	C9H12	000108-67-8	70
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

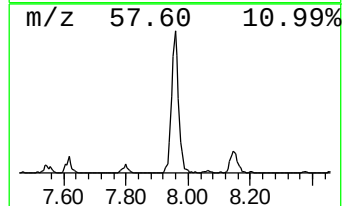
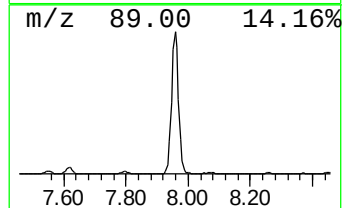
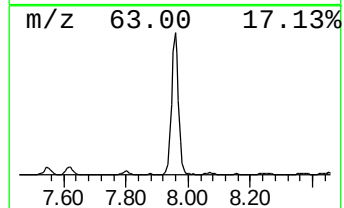
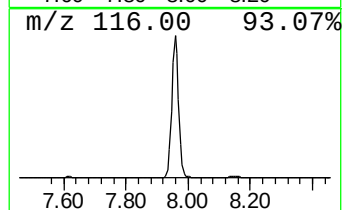
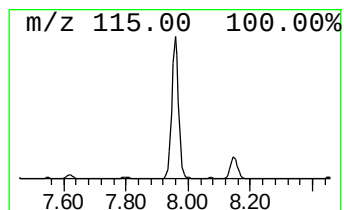
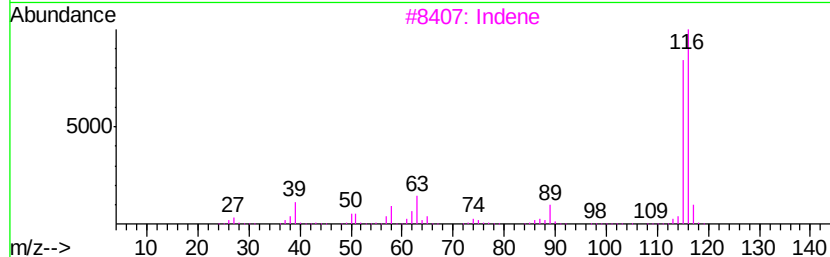
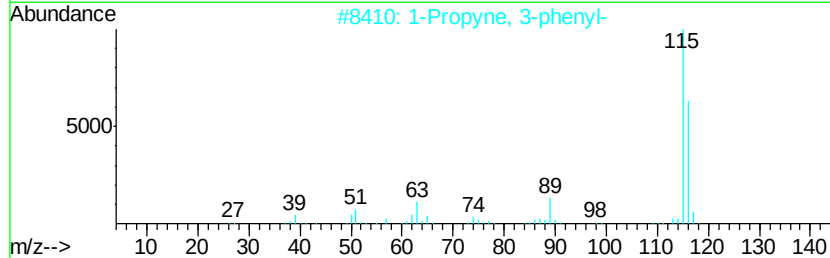
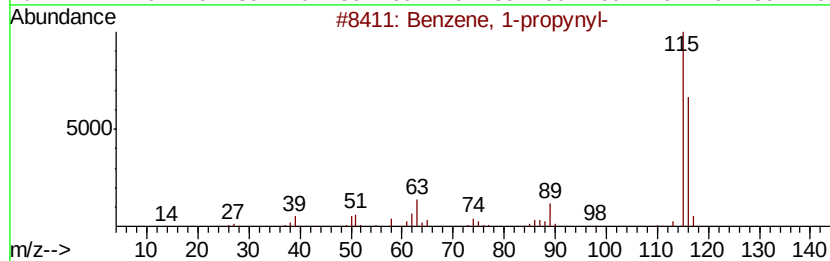
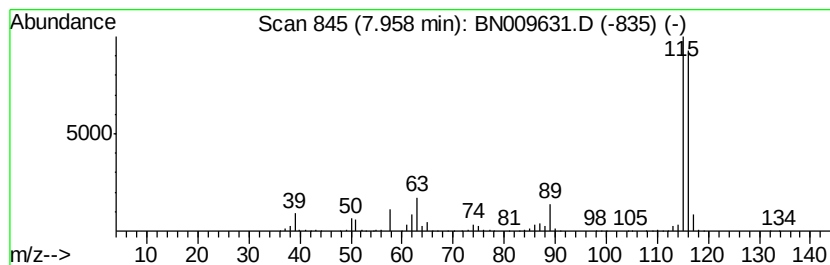
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1-propynyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	66.63 ng/ul	3587380	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	Indene	116	C9H8	000095-13-6	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

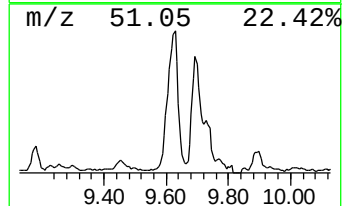
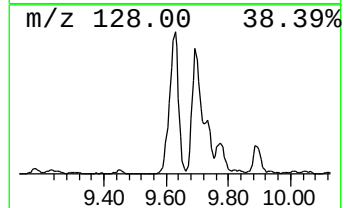
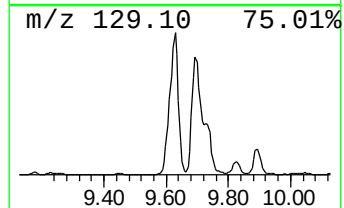
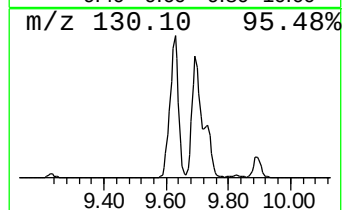
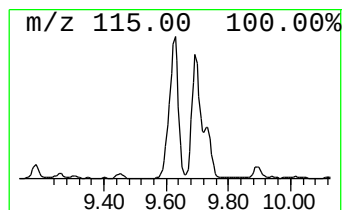
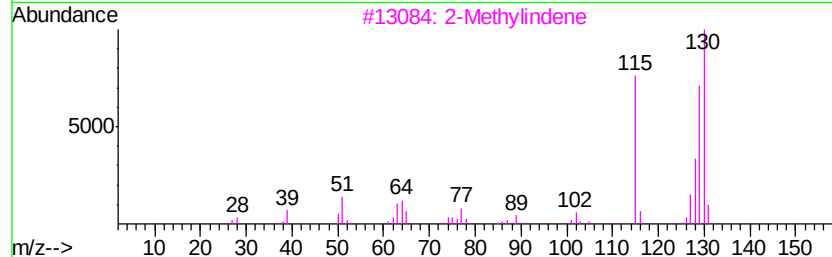
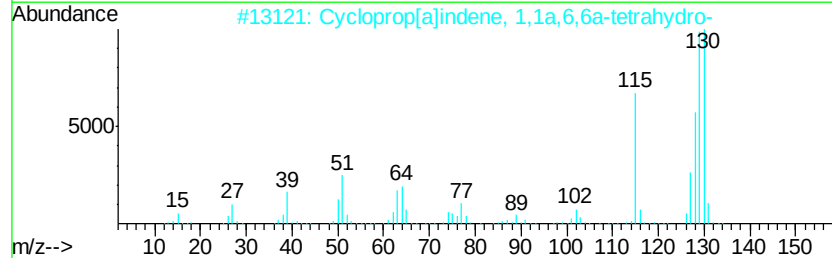
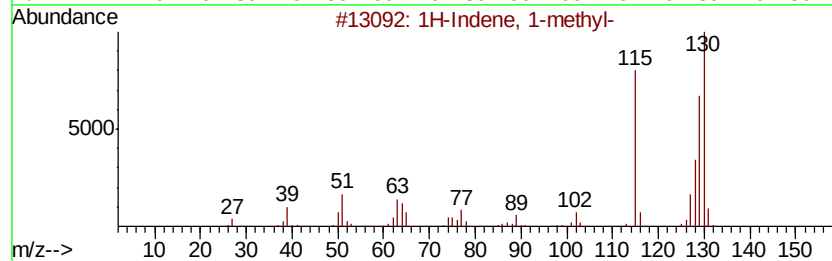
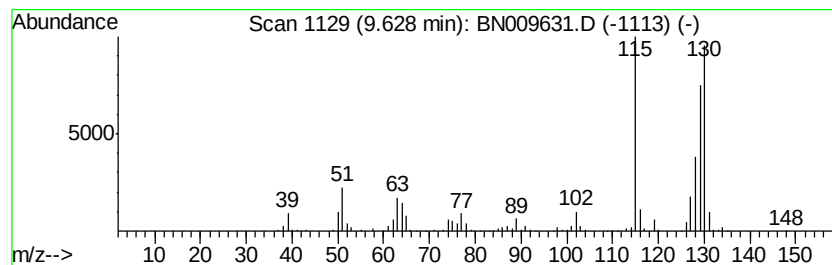
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1H-Indene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	28.85 ng/ul	2342900	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3		2-Methylindene	130	C10H10	002177-47-1	95
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

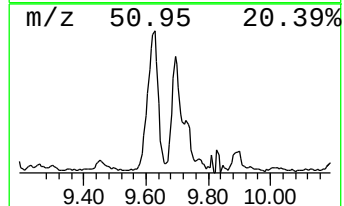
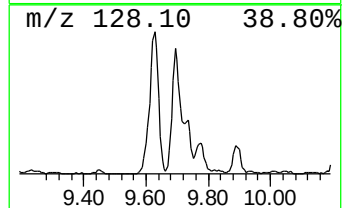
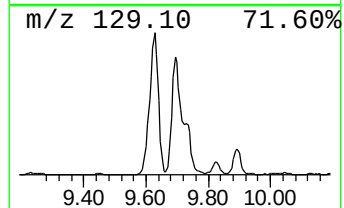
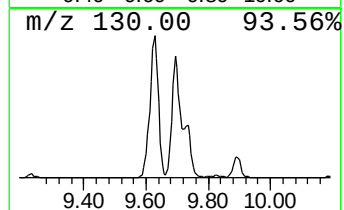
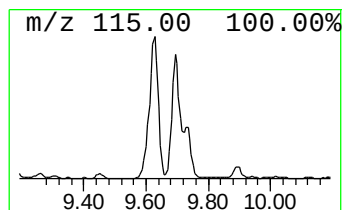
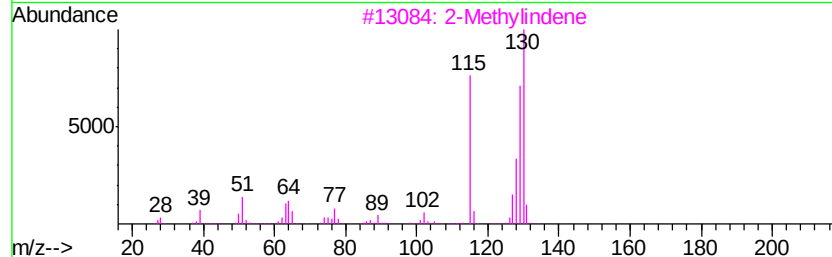
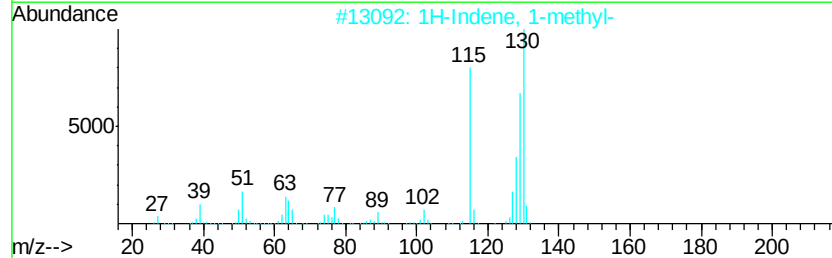
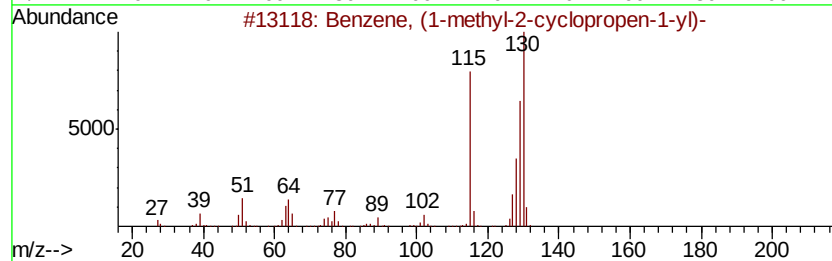
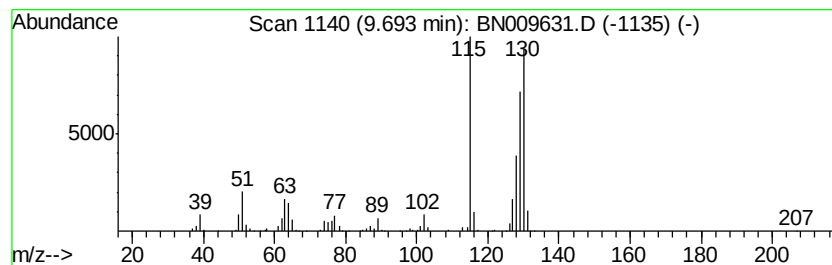
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, (1-methyl-2-cyclop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	17.08 ng/ul	1387210	Naphthalene-d8	10.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		2-Methylindene	130	C10H10	002177-47-1	96
4		Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
5		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

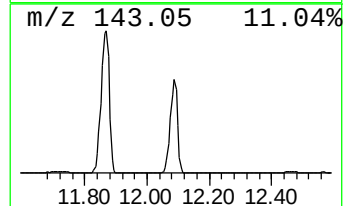
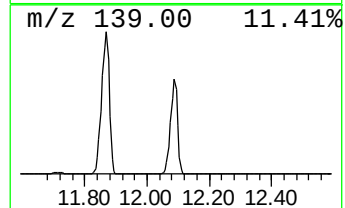
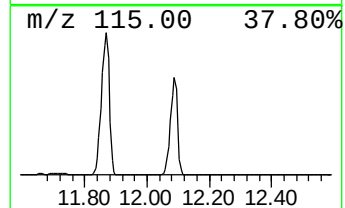
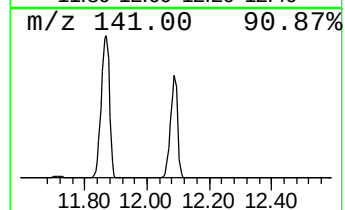
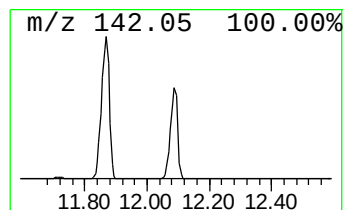
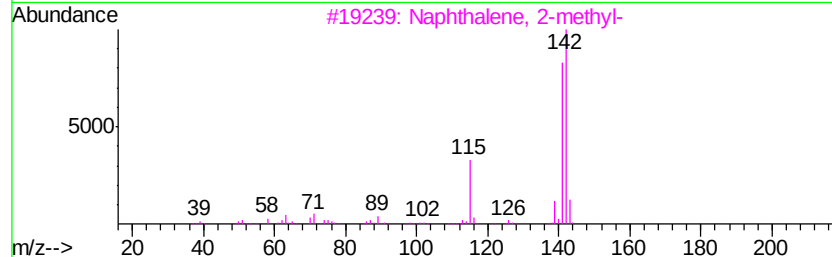
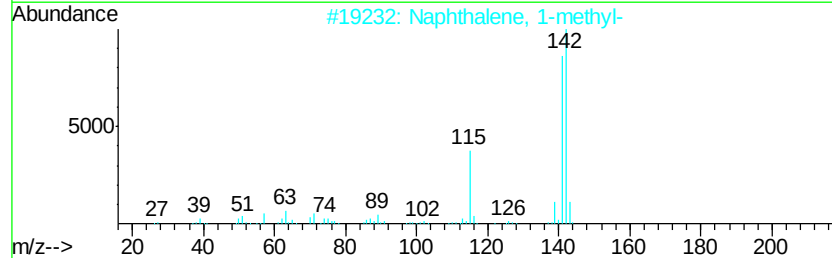
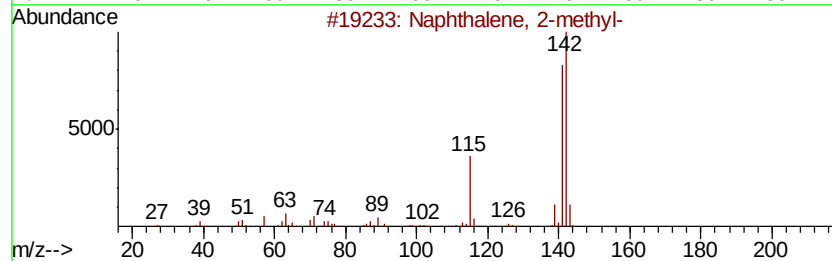
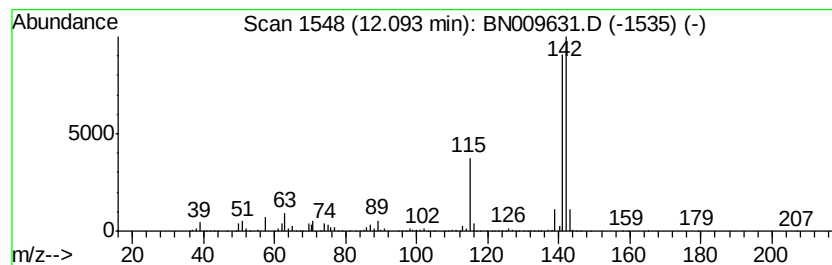
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	232.82 ng/ul	18904400	Naphthalene-d8	10.19

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, 2-methyl-	142	C11H10	000091-57-6	96
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

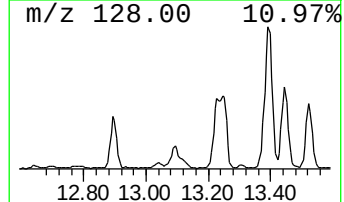
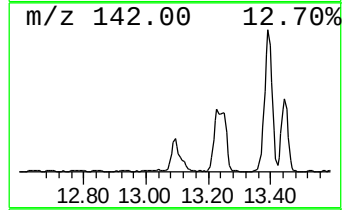
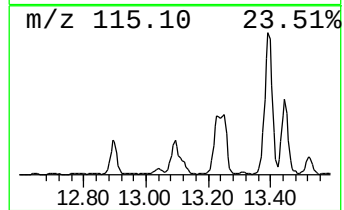
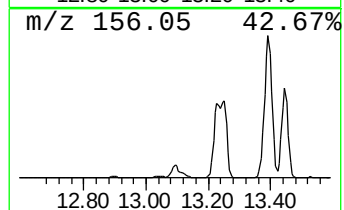
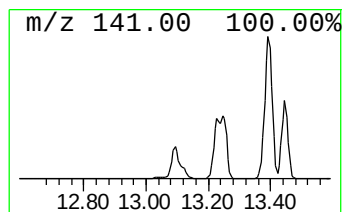
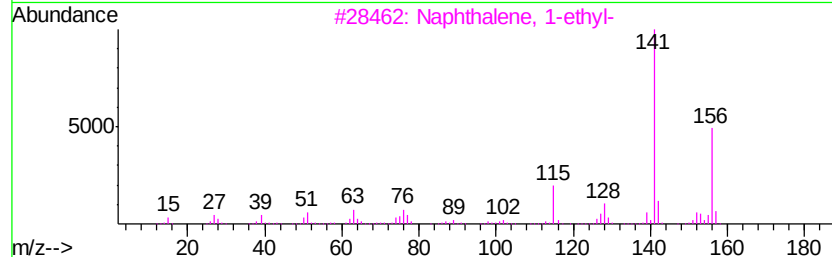
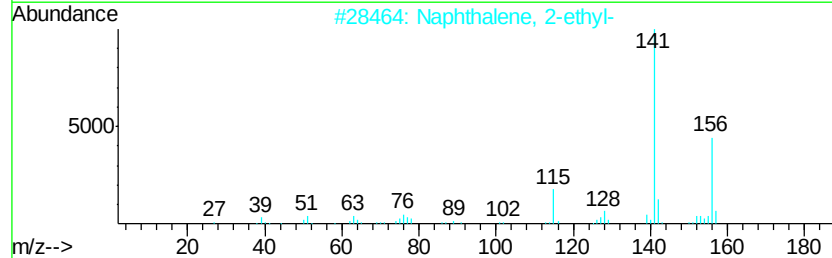
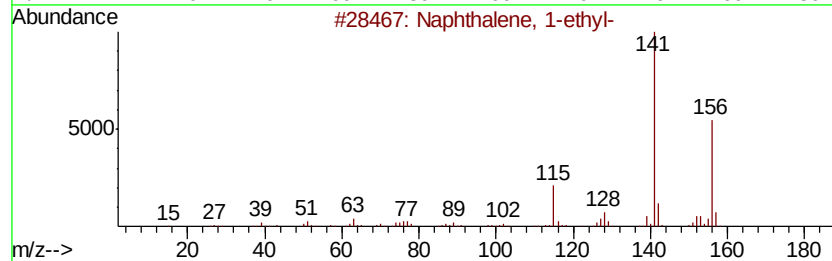
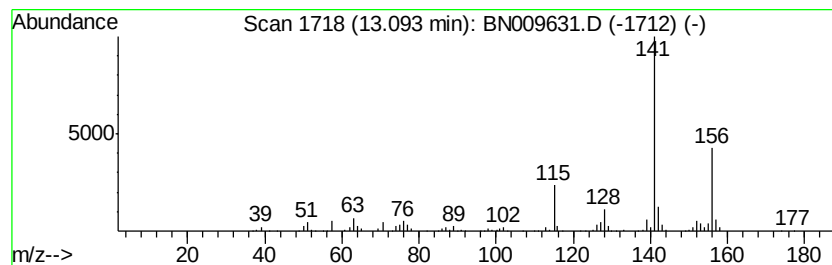
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	8.51 ng/ul	1916720	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

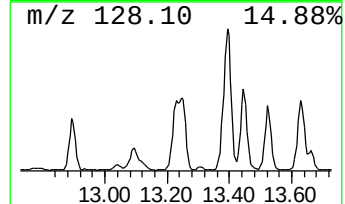
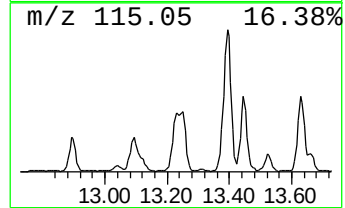
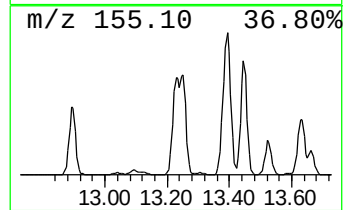
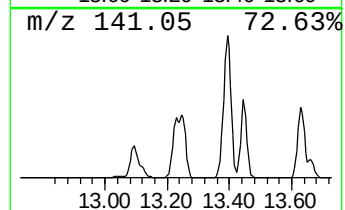
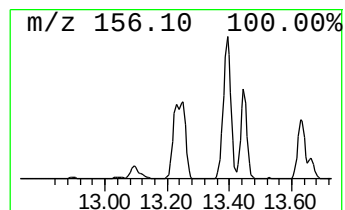
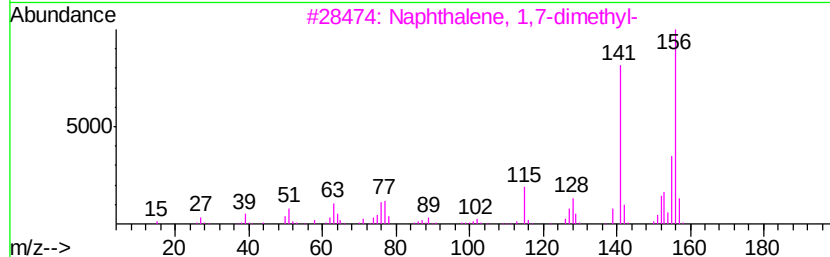
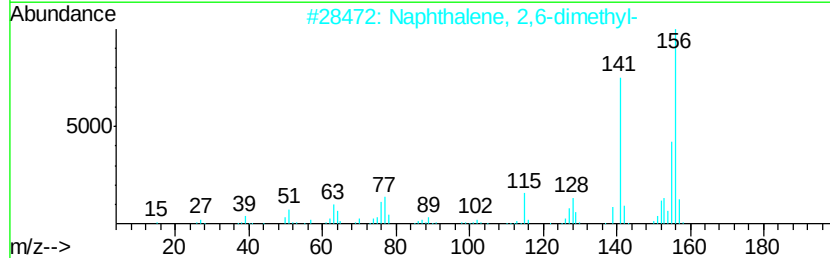
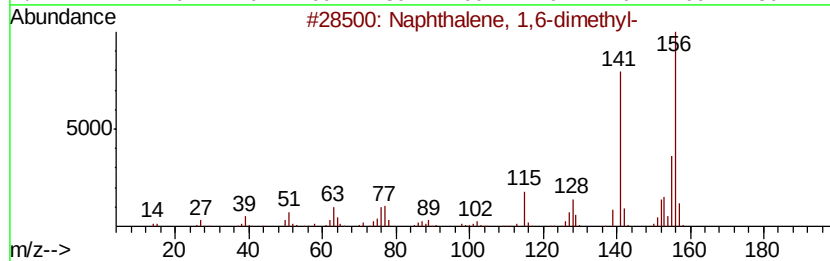
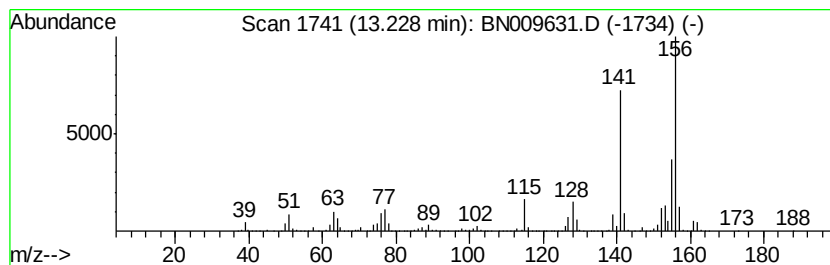
Instrument :
BNA_N
ClientSampleId :
GAT60

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

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	19.87 ng/ul	4475400	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

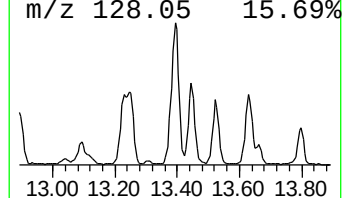
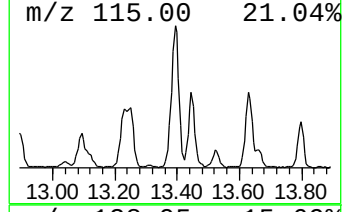
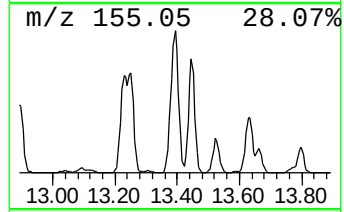
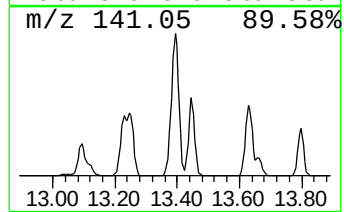
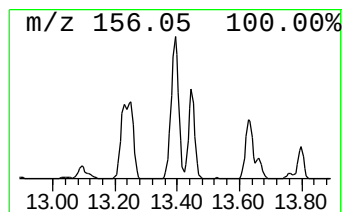
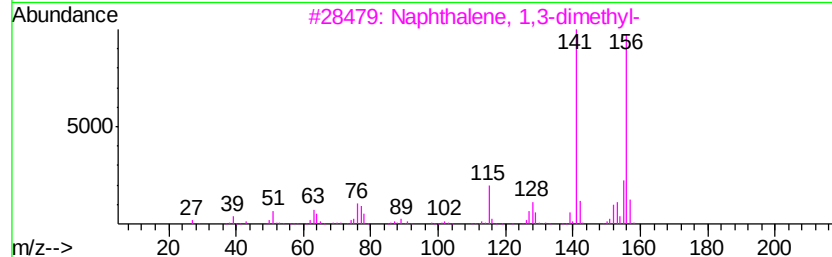
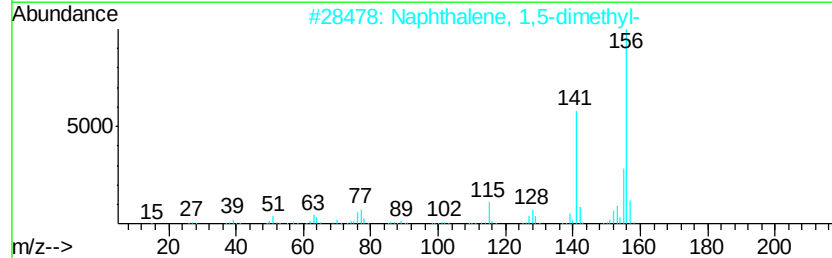
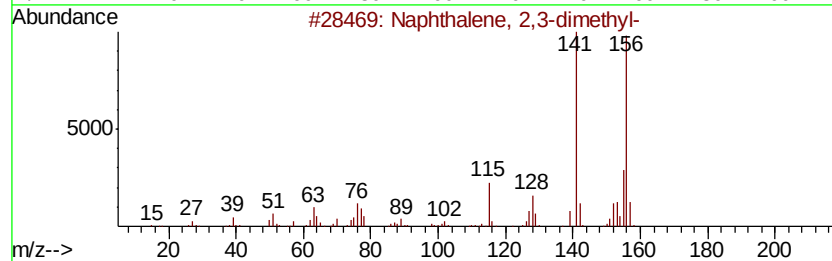
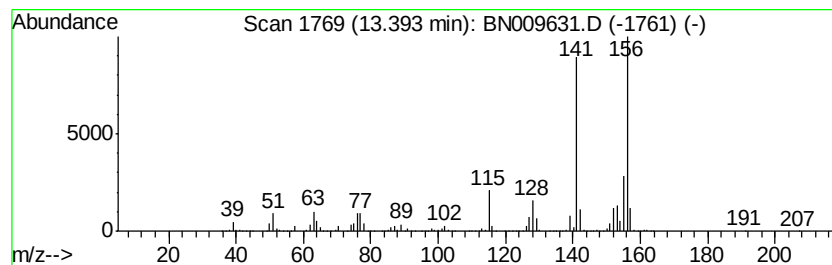
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	40.77 ng/ul	9183390	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	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\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

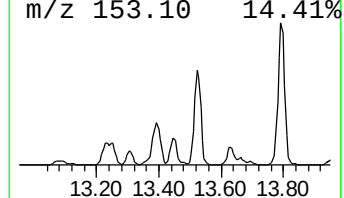
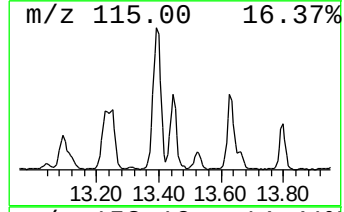
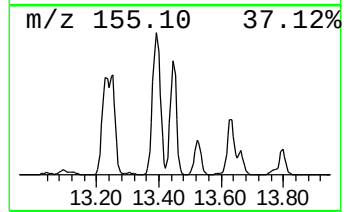
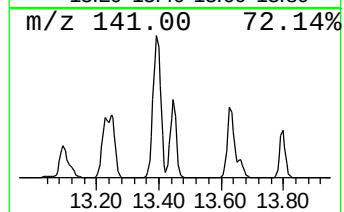
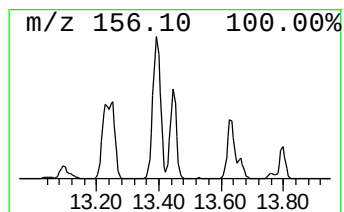
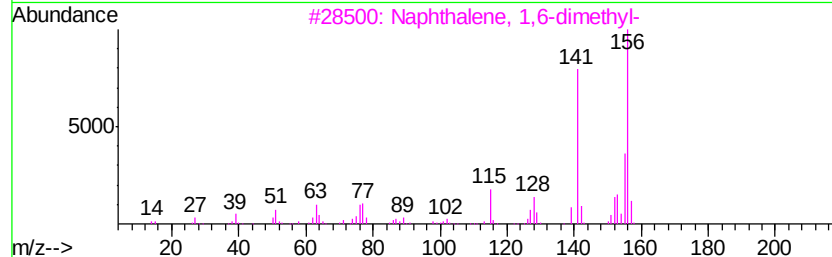
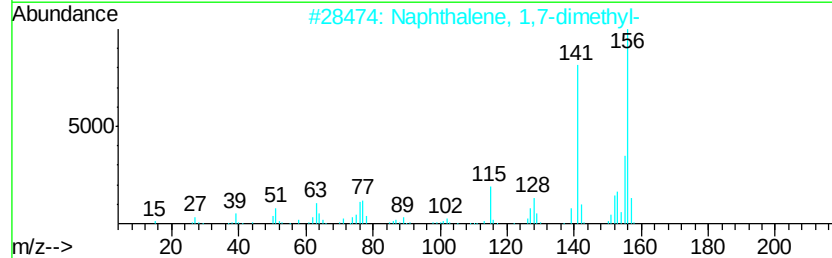
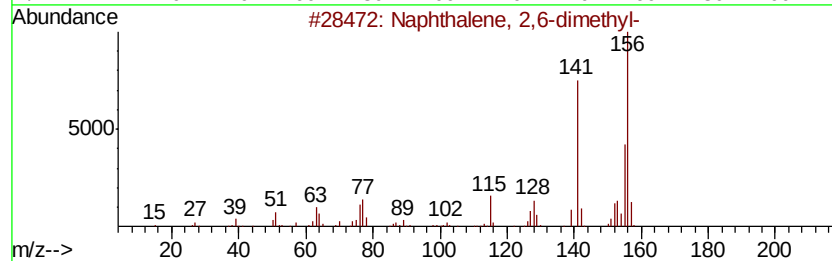
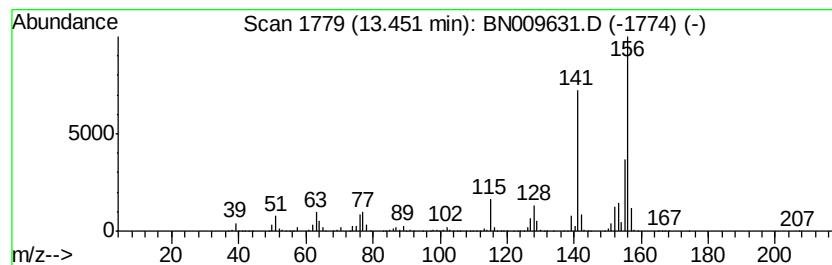
Instrument :
BNA_N
ClientSampleId :
GAT60

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

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

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	20.96 ng/ul	4721370	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

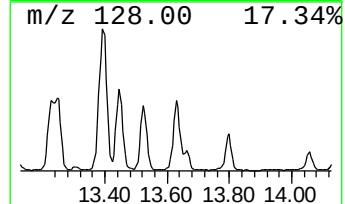
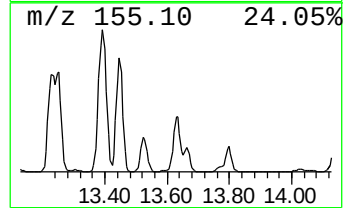
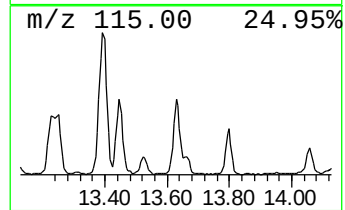
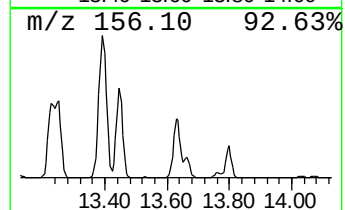
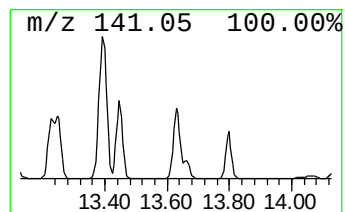
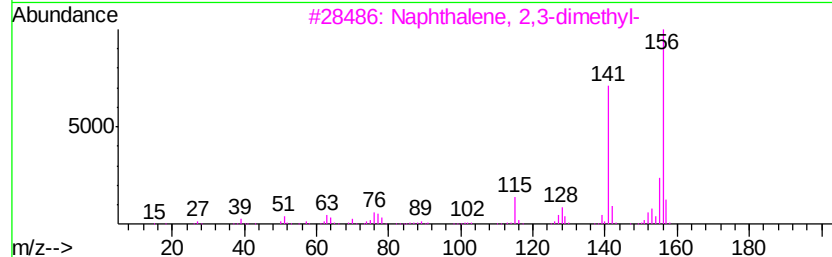
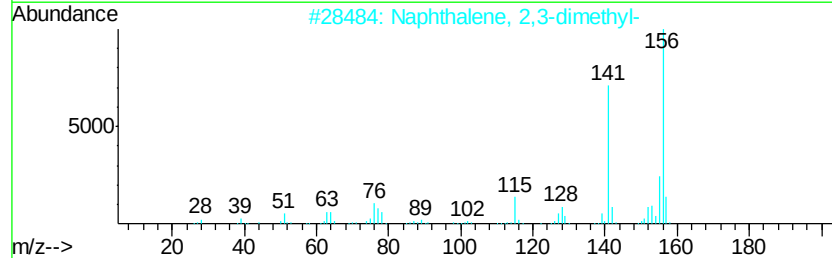
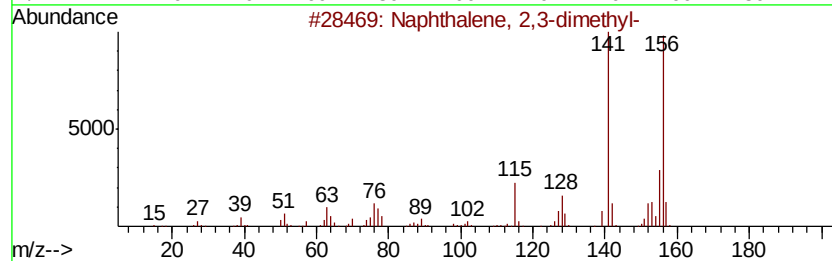
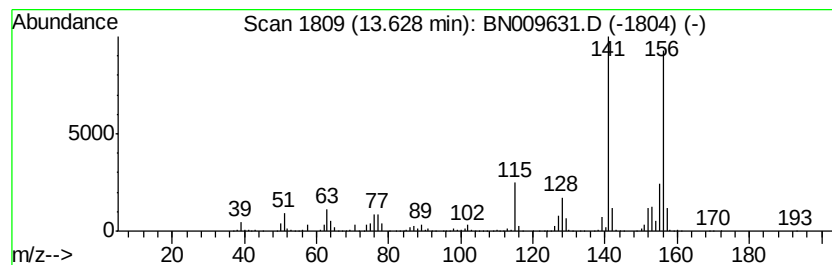
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 1,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	16.34 ng/ul	3681420	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

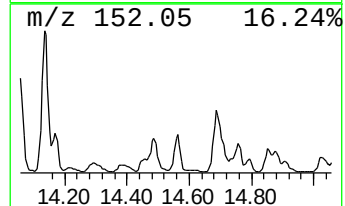
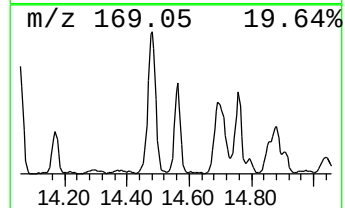
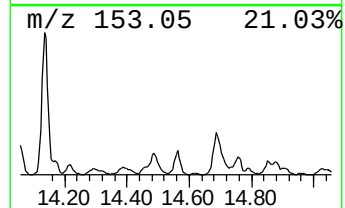
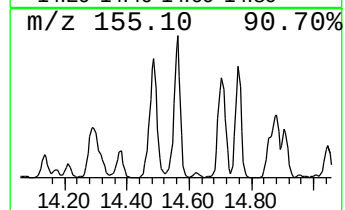
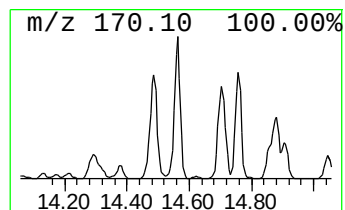
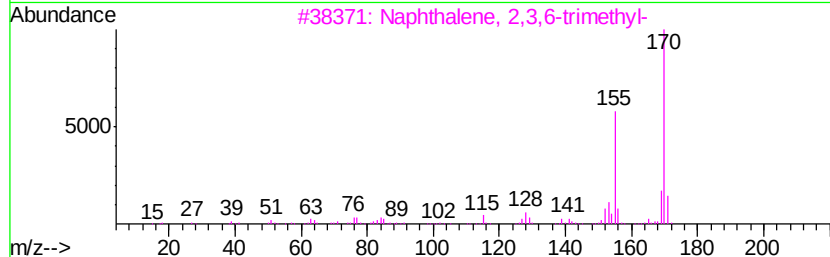
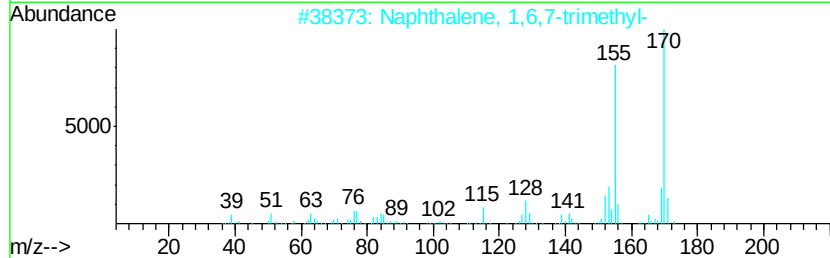
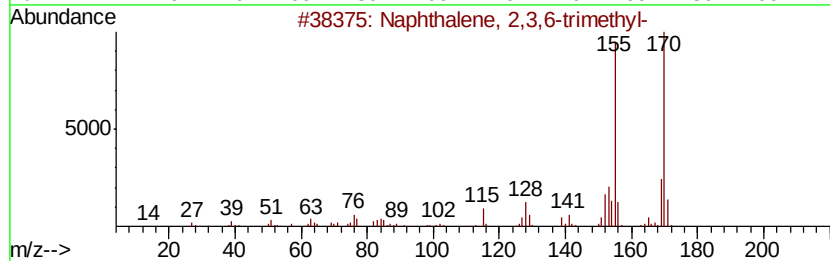
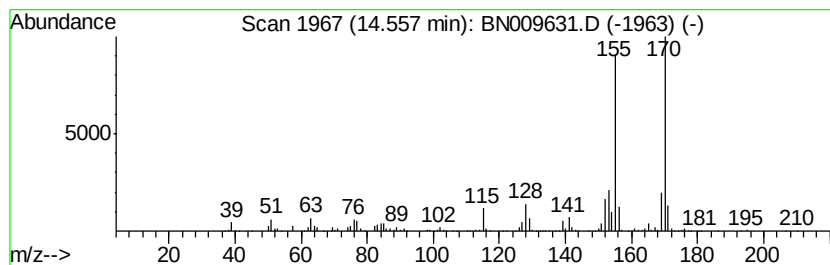
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	6.74 ng/ul	1518680	Acenaphthene-d10	14.07

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

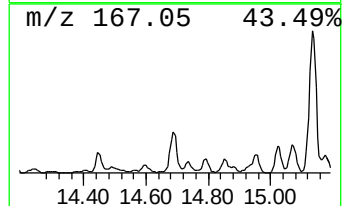
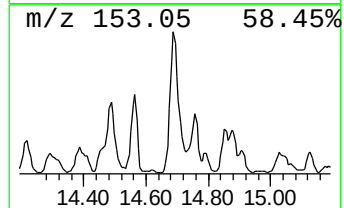
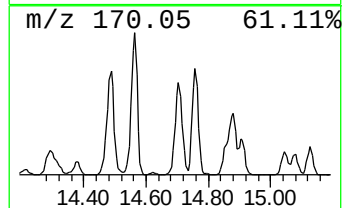
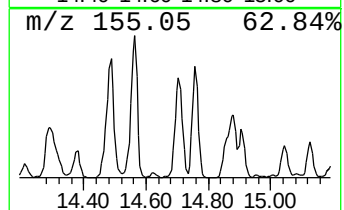
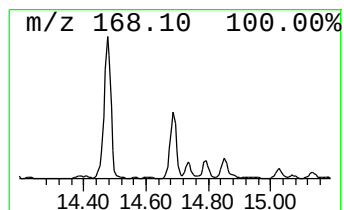
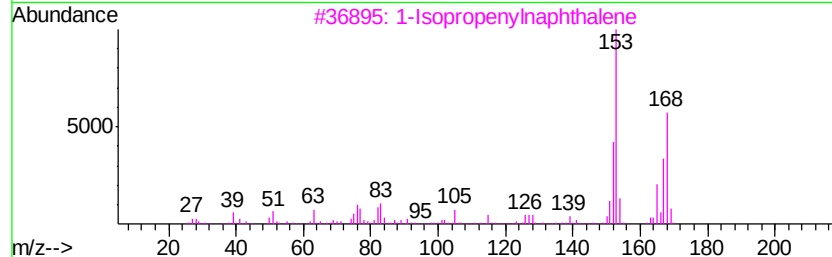
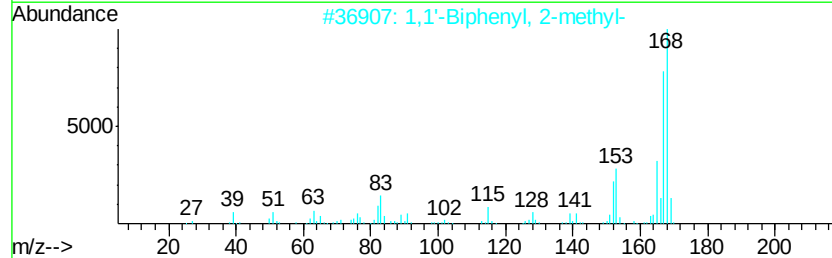
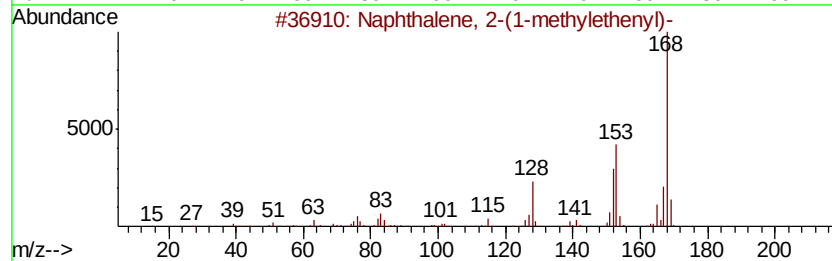
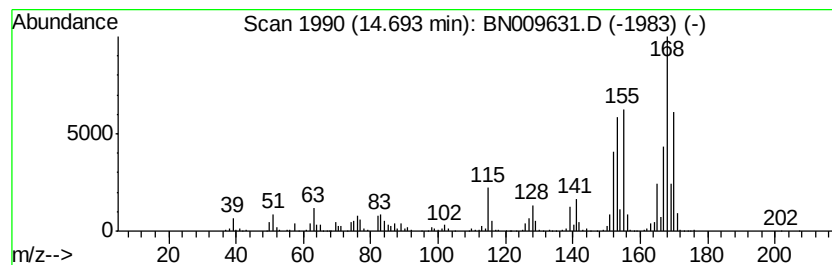
Instrument :
BNA_N
ClientSampleId :
GAT60

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

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

Peak Number 13 Naphthalene, 2-(1-methyleth... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	12.87 ng/ul	2899480	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4 60
2		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 50
3		1-Isopropenyl naphthalene	168 C13H12	001855-47-6 49
4		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 38
5		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

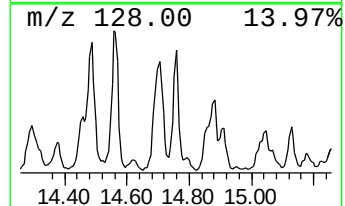
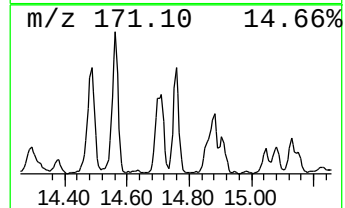
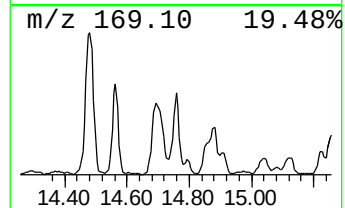
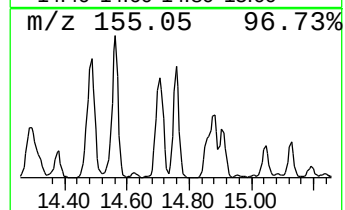
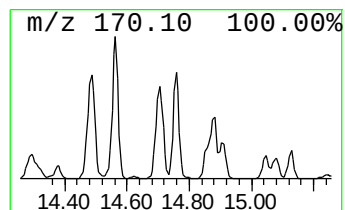
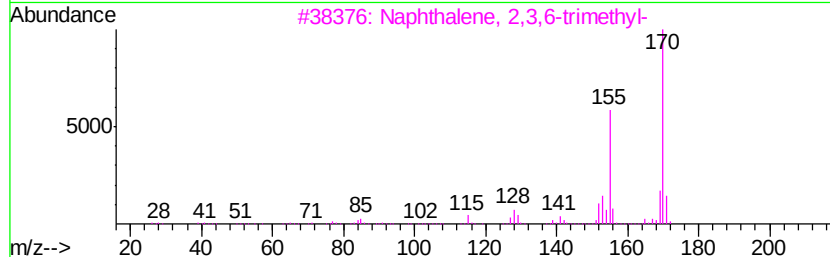
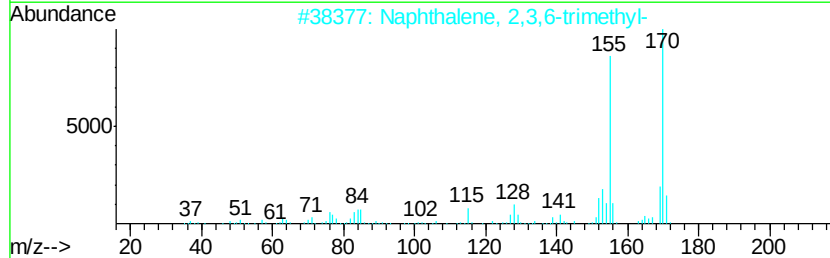
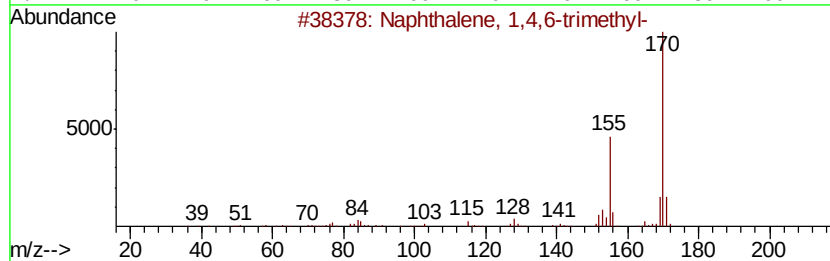
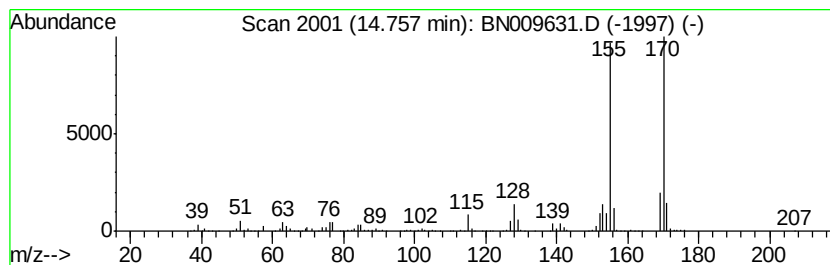
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.78 ng/ul	1075810	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

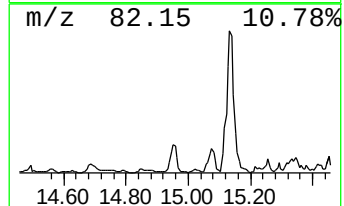
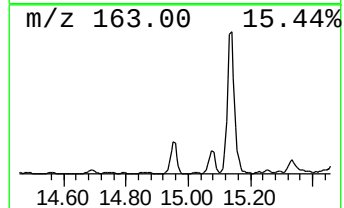
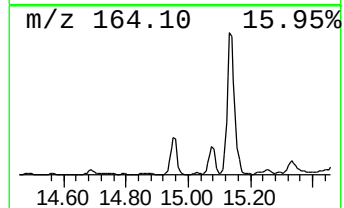
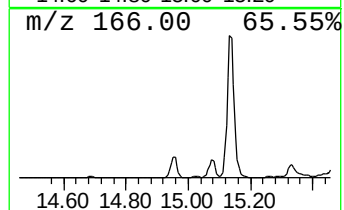
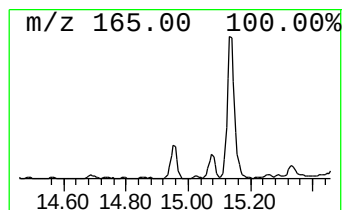
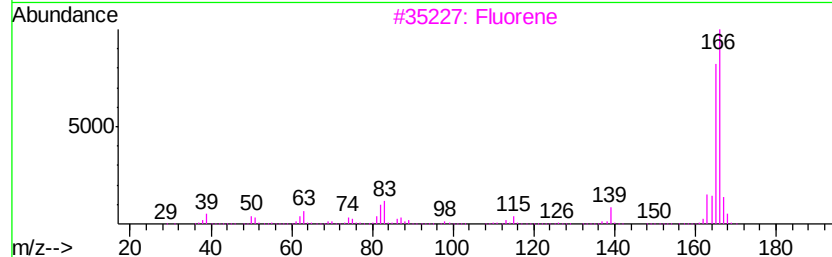
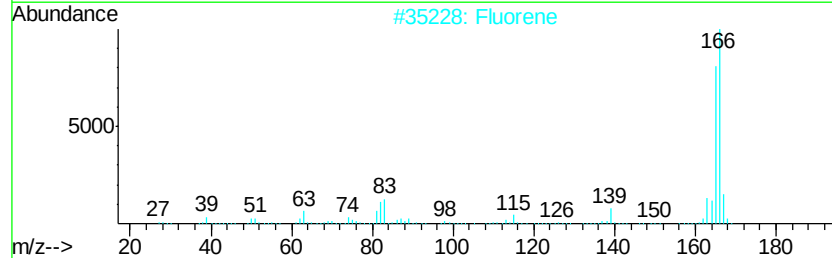
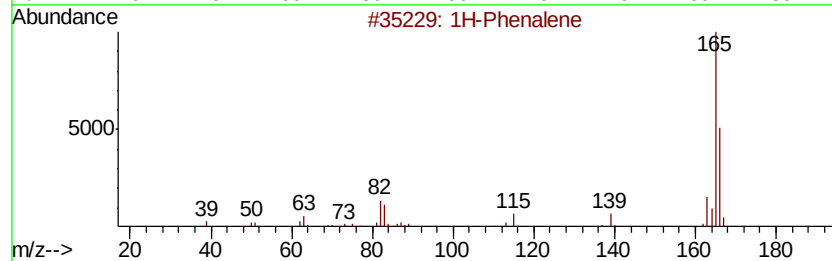
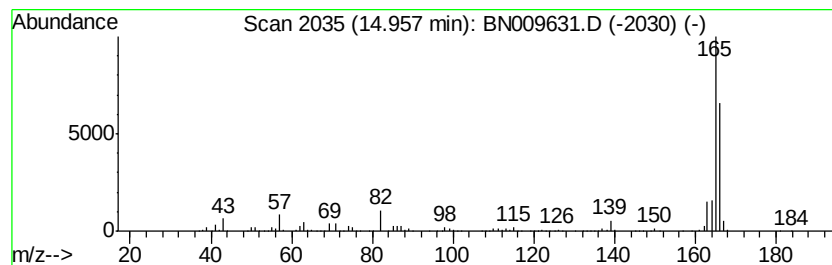
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 1H-Phenalene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	10.08 ng/ul	2270790	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	78
2		Fluorene	166	C13H10	000086-73-7	58
3		Fluorene	166	C13H10	000086-73-7	53
4		Fluorene	166	C13H10	000086-73-7	50
5		9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

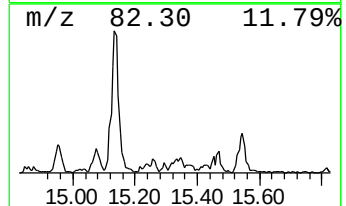
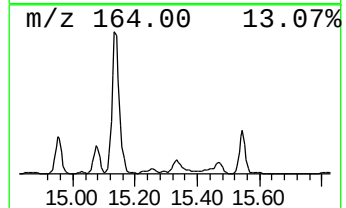
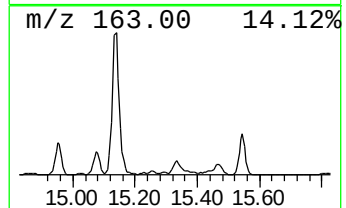
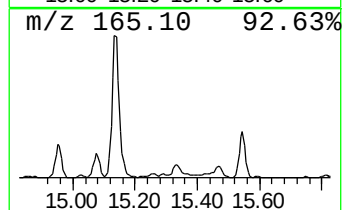
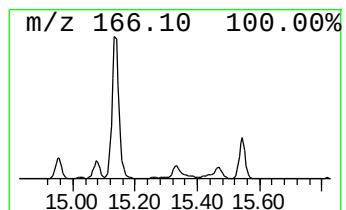
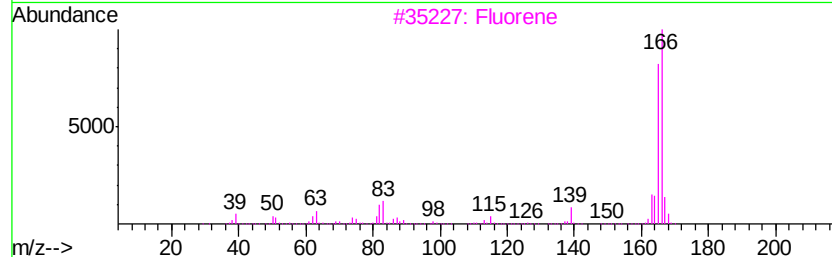
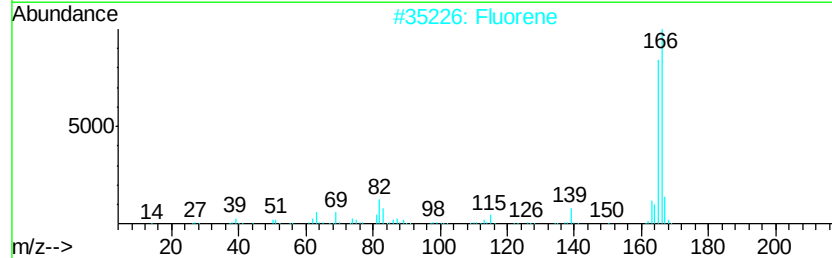
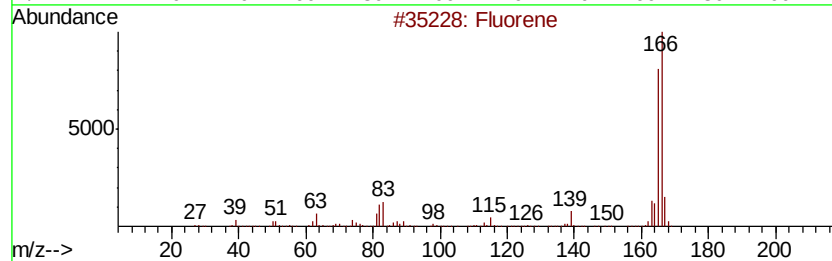
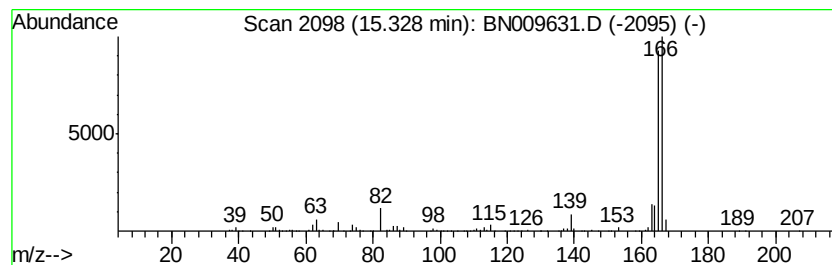
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 3-Trifluoromethylbenzhydryl... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	4.29 ng/ul	966320	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluorene	166	C13H10	000086-73-7	93
2			Fluorene	166	C13H10	000086-73-7	91
3			Fluorene	166	C13H10	000086-73-7	87
4			3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	83
5			1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

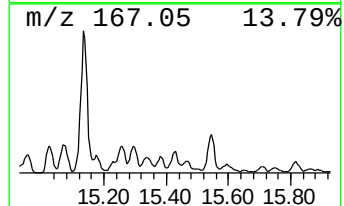
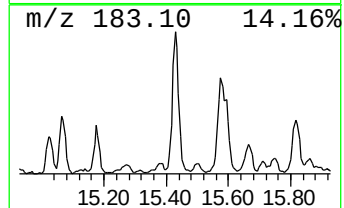
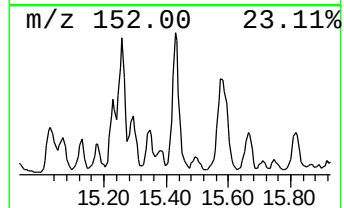
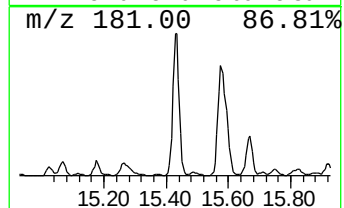
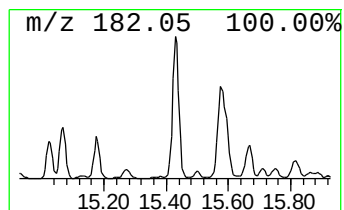
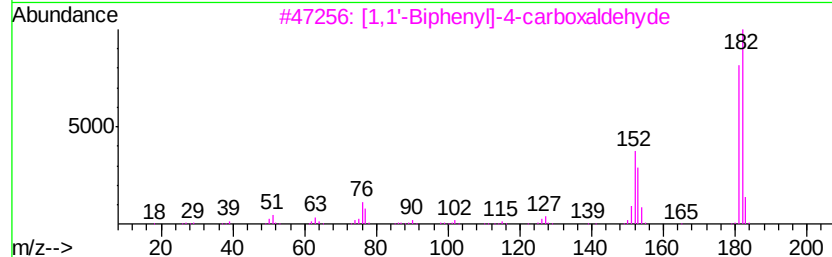
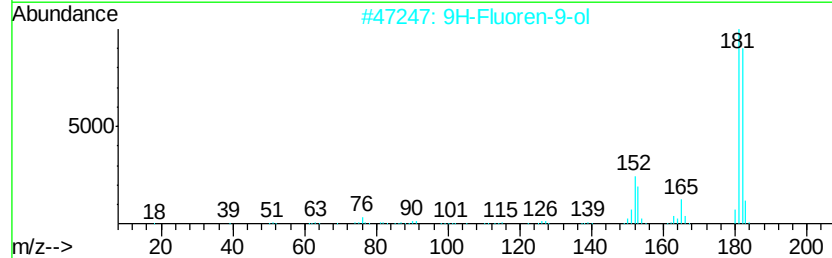
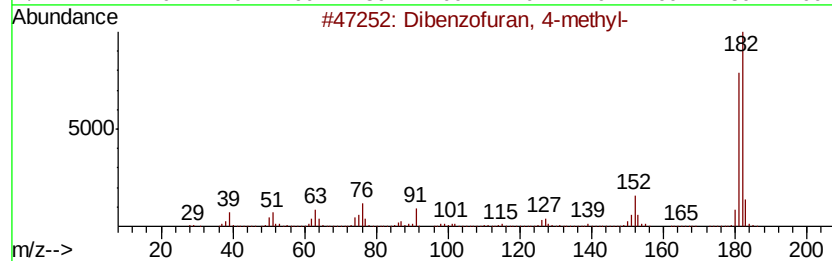
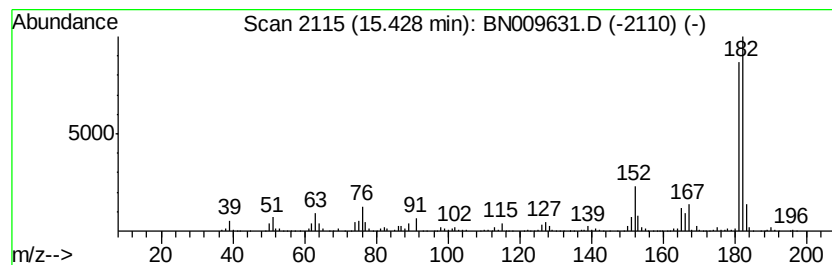
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	7.58 ng/ul	1706290	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
4			Norharmaline, N-methyl-	182	C12H10N2	1000374-78-6	59
5			3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

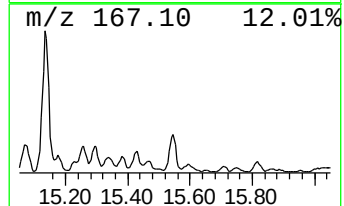
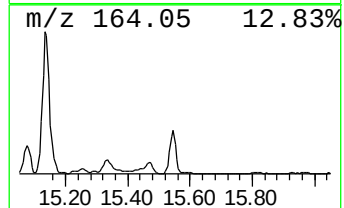
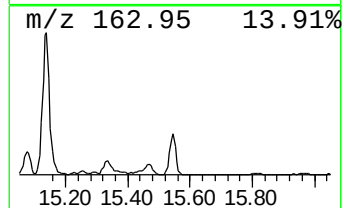
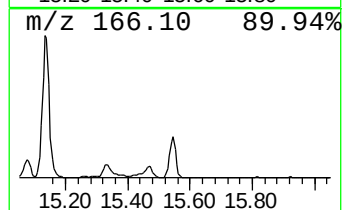
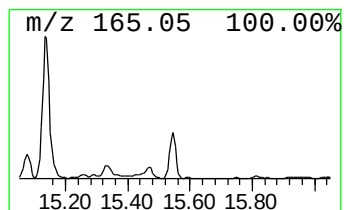
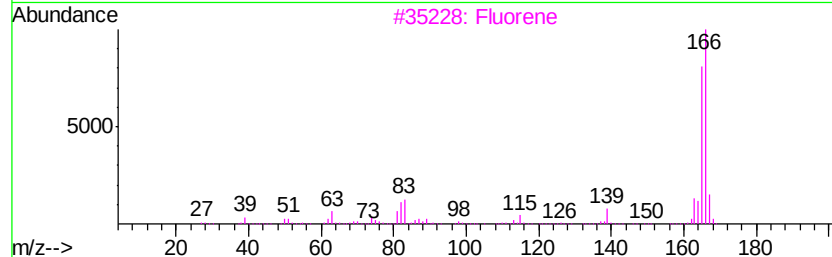
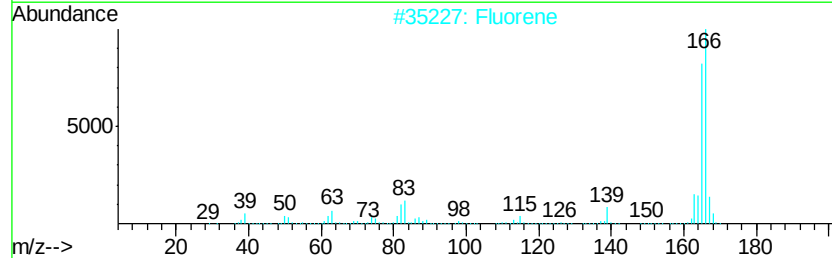
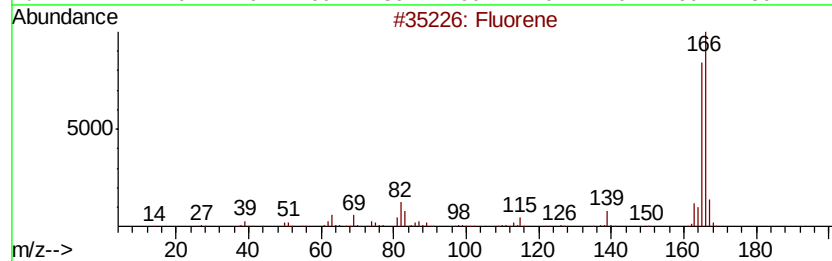
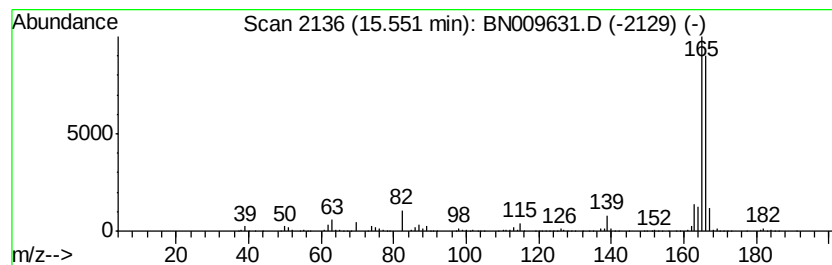
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,3-Benzodioxole-5-carboxyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	32.81 ng/ul	2967120	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluorene	166	C13H10	000086-73-7	94
2		Fluorene	166	C13H10	000086-73-7	94
3		Fluorene	166	C13H10	000086-73-7	94
4		3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	72
5		1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

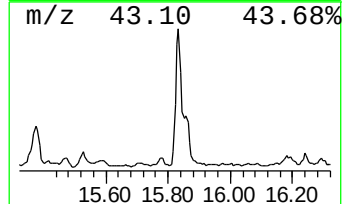
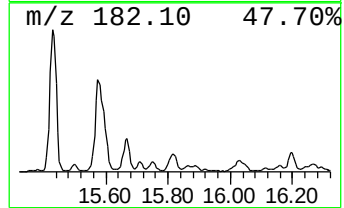
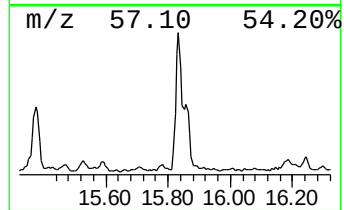
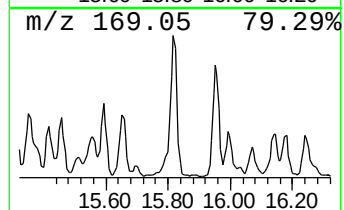
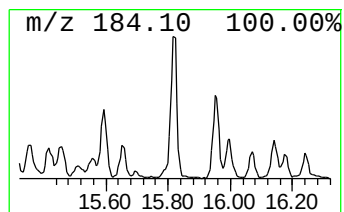
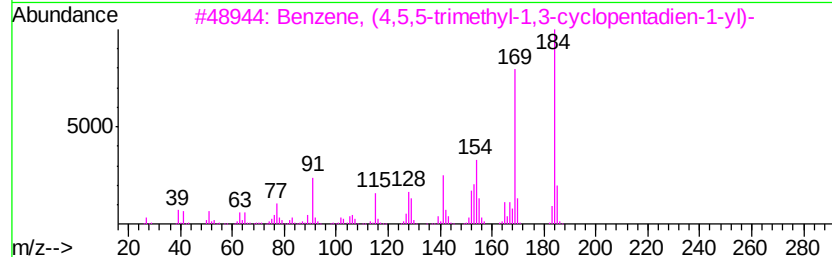
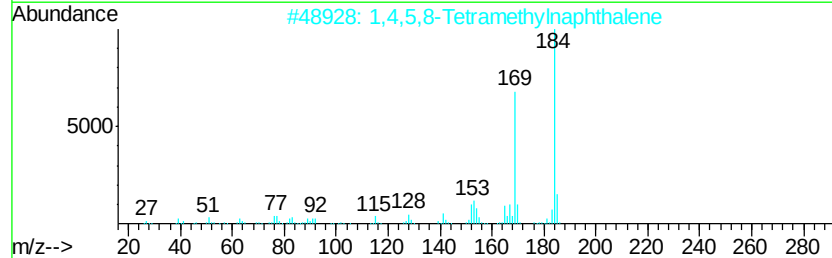
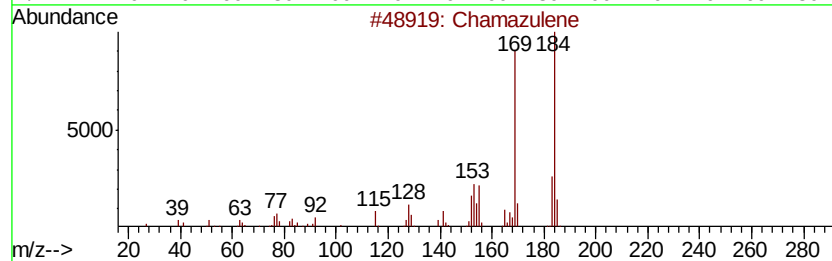
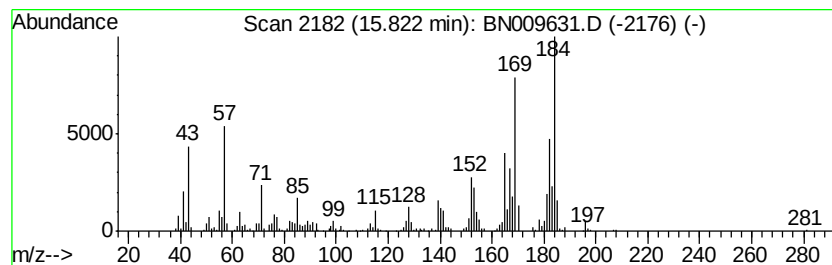
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Chamazulene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	10.62 ng/ul	960274	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chamazulene	184	C14H16	000529-05-5	83
2		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	58
3		Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	52
4		4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	50
5		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

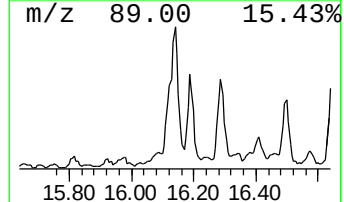
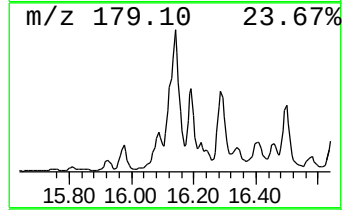
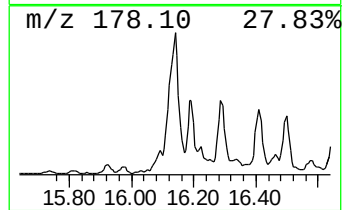
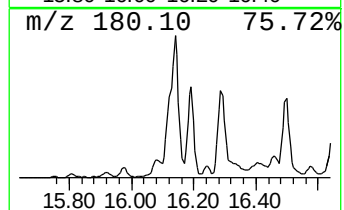
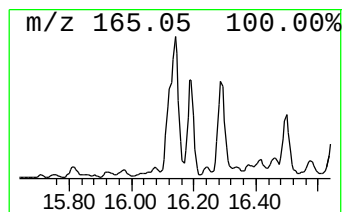
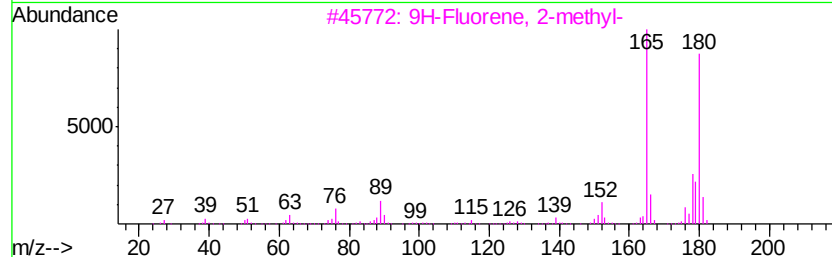
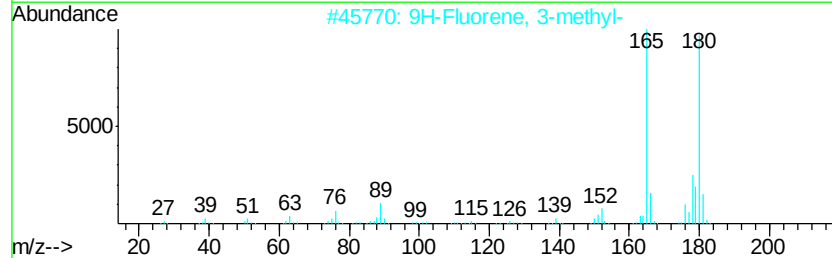
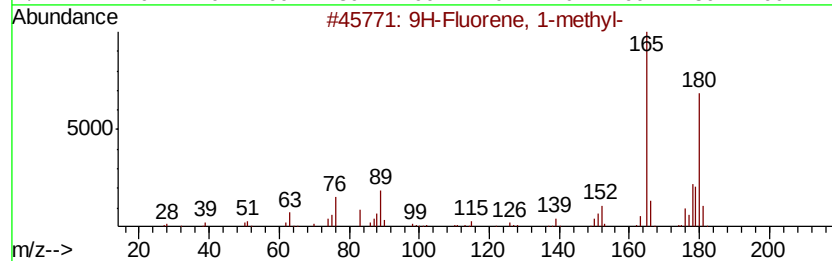
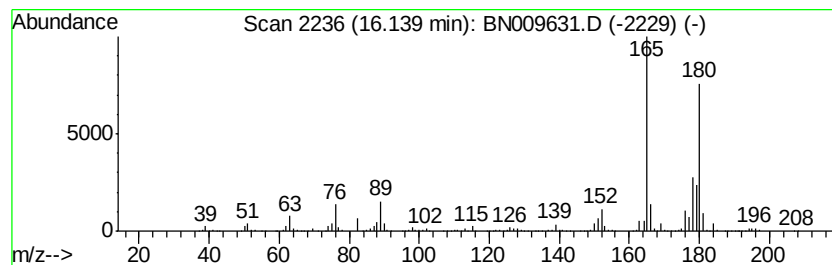
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	35.42 ng/ul	3203010	Phenanthrene-d10	16.83

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

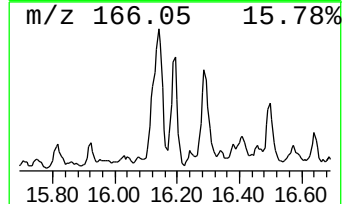
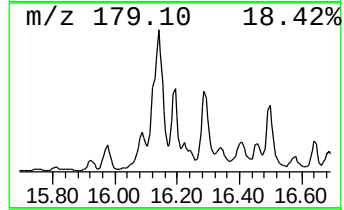
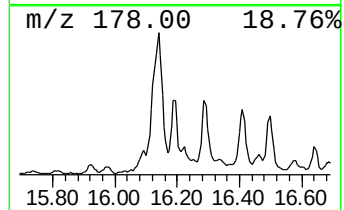
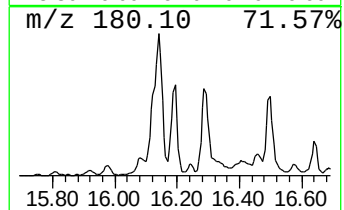
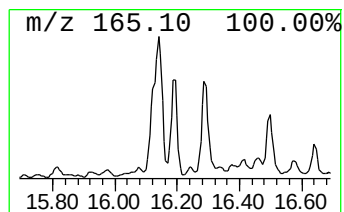
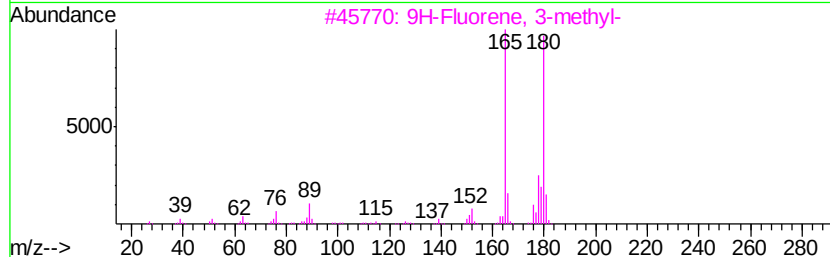
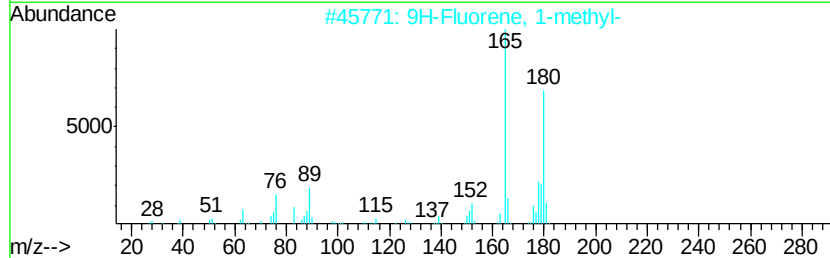
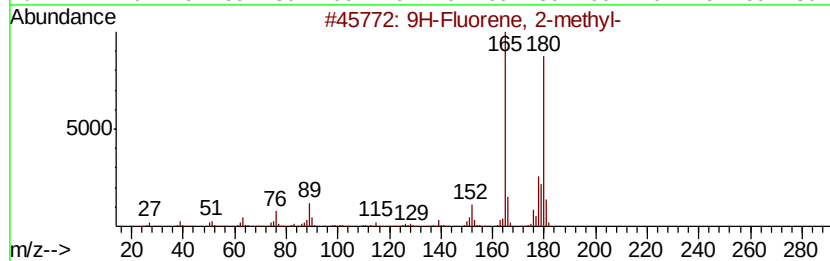
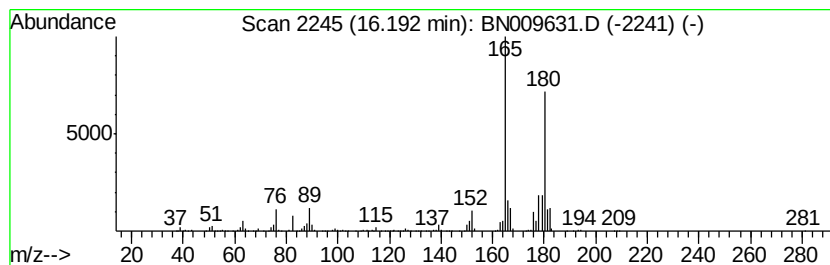
Instrument :
BNA_N
ClientSampleId :
GAT60

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

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

Peak Number 21 9H-Fluorene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.19	15.58 ng/ul	1408570	Phenanthrene-d10	16.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	95	
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95	
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

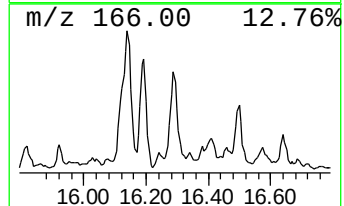
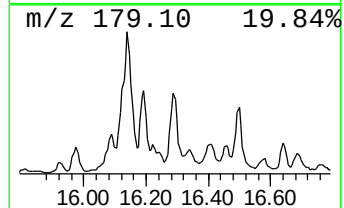
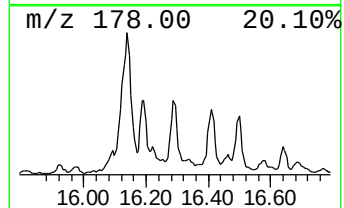
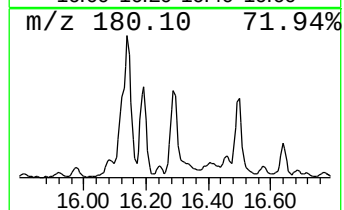
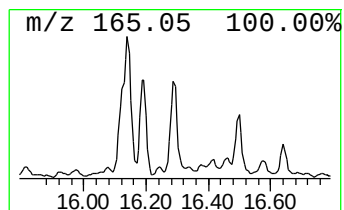
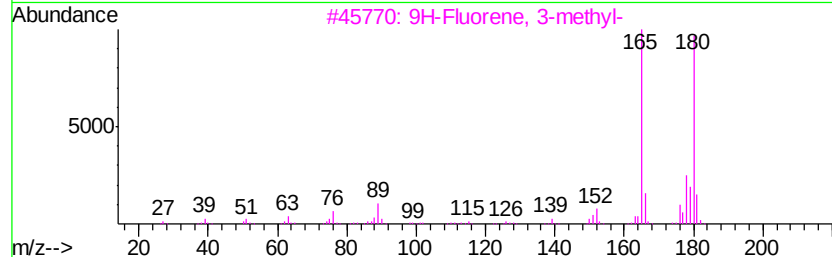
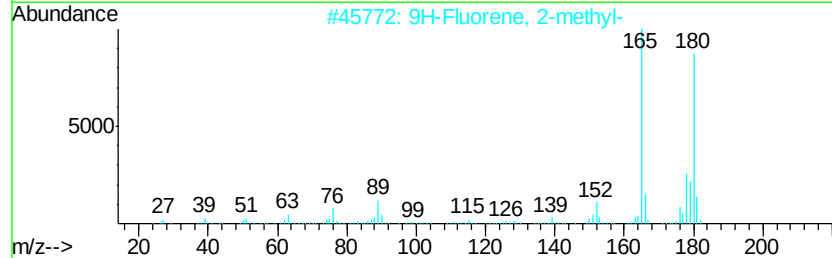
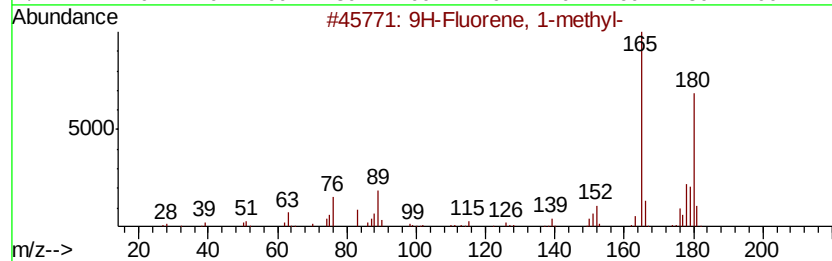
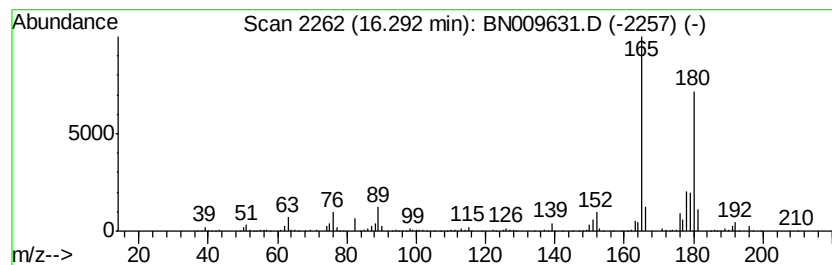
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 9H-Fluorene, 3-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	16.02 ng/ul	1448920	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
5		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

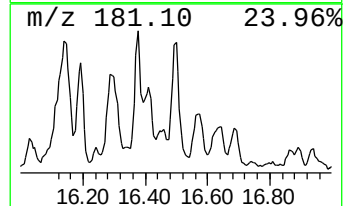
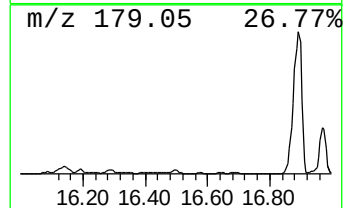
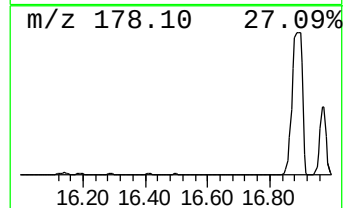
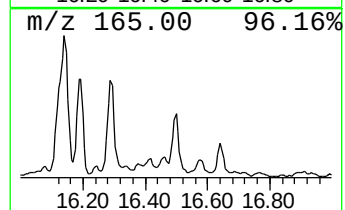
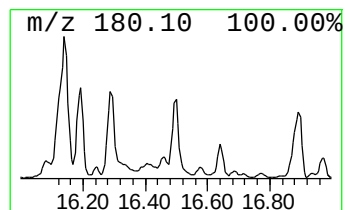
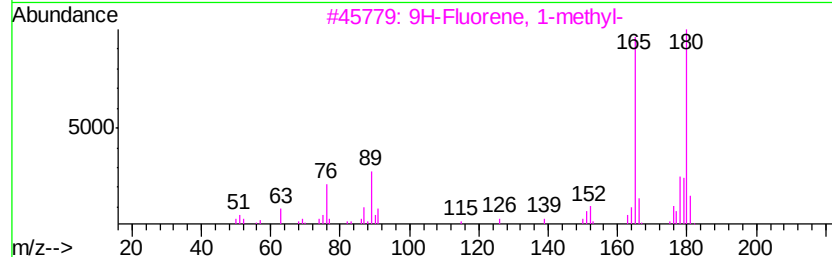
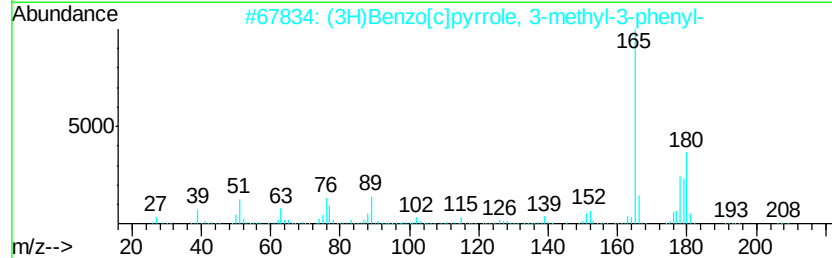
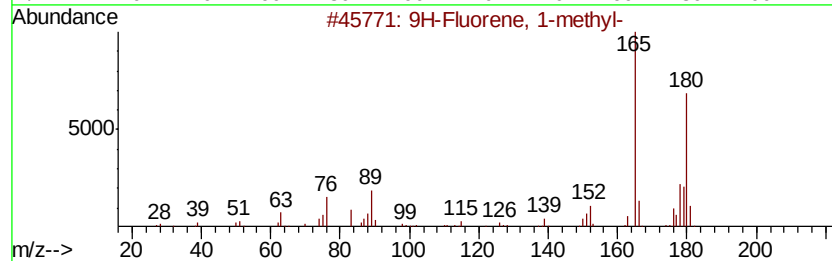
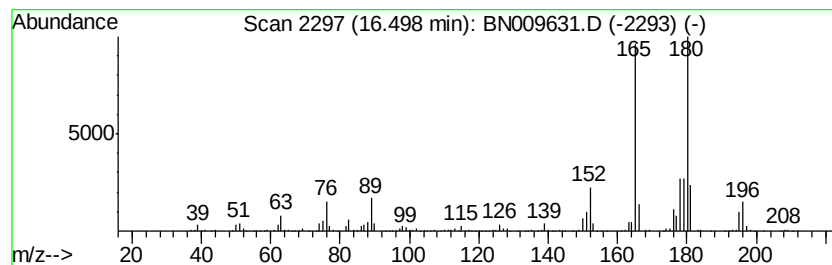
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 (3H)Benzo[c]pyrrole, 3-meth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	14.39 ng/ul	1301260	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
2		(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	78
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
4		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

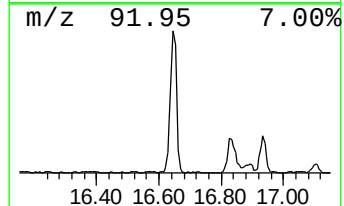
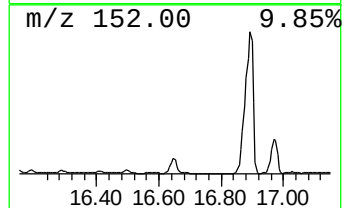
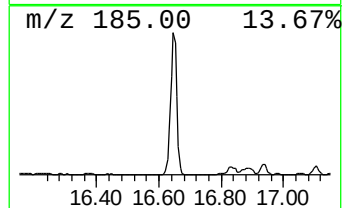
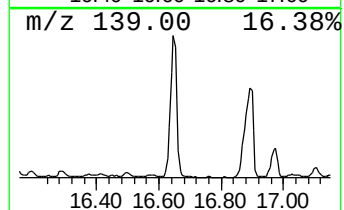
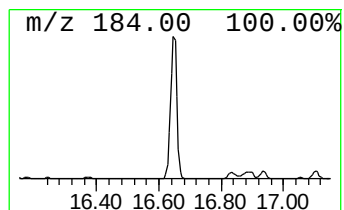
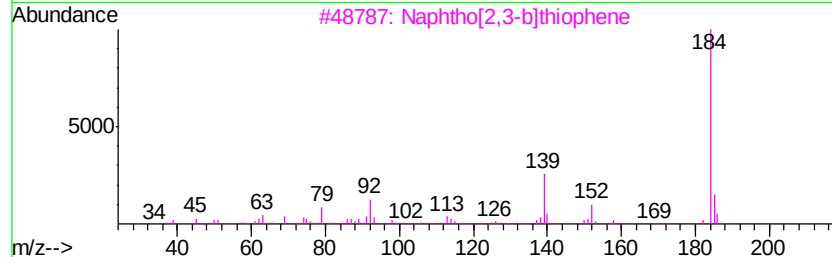
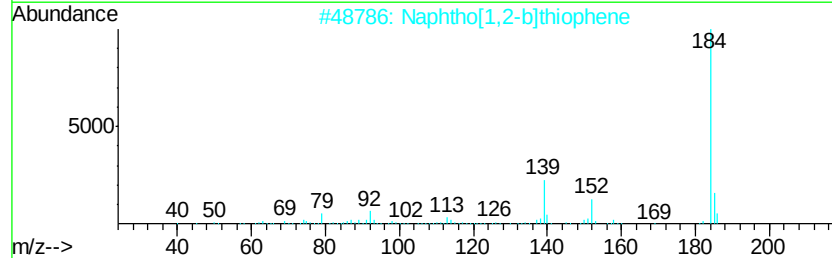
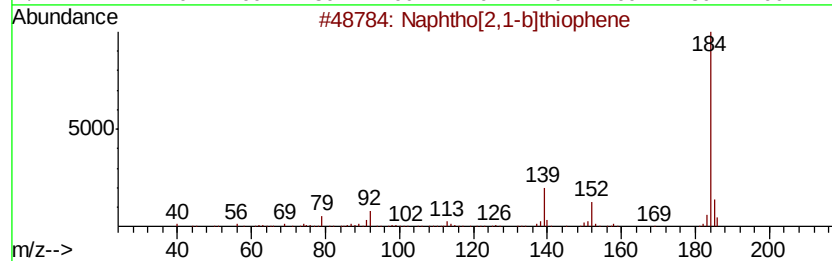
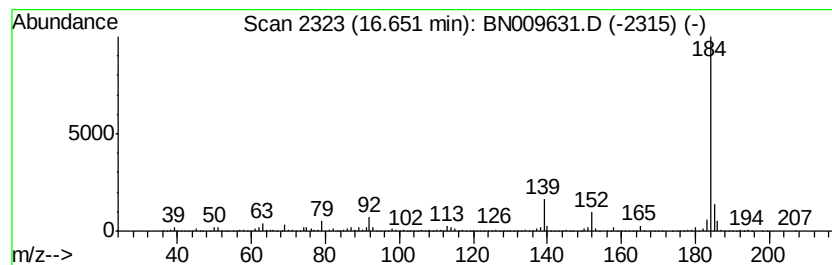
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 Naphtho[2,1-b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	63.24 ng/ul	5719170	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4		Dibenzothiophene	184	C12H8S	000132-65-0	95
5		Dibenzothiophene	184	C12H8S	000132-65-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

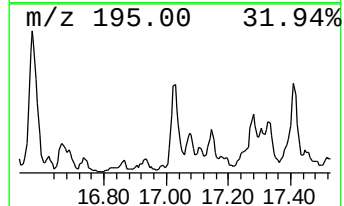
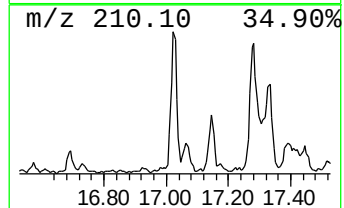
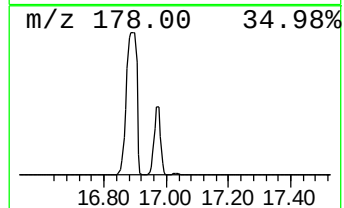
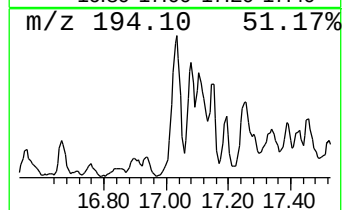
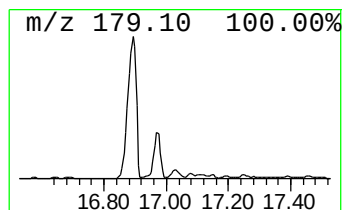
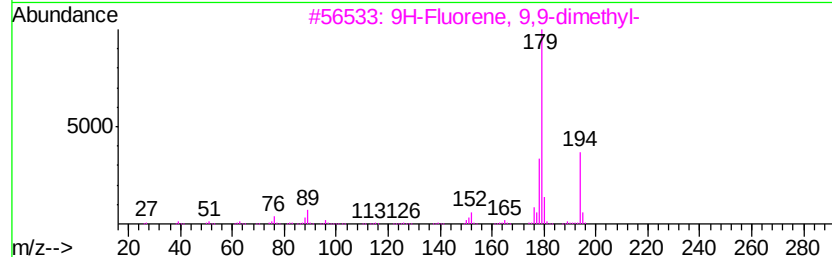
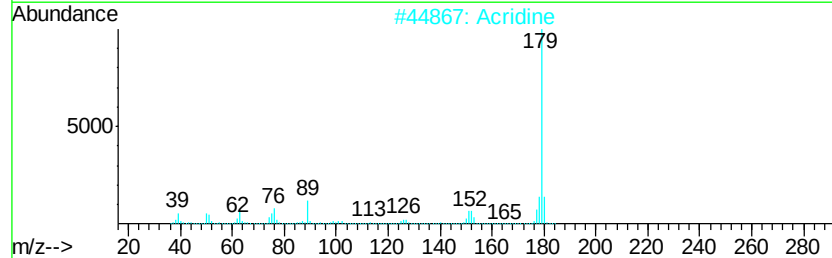
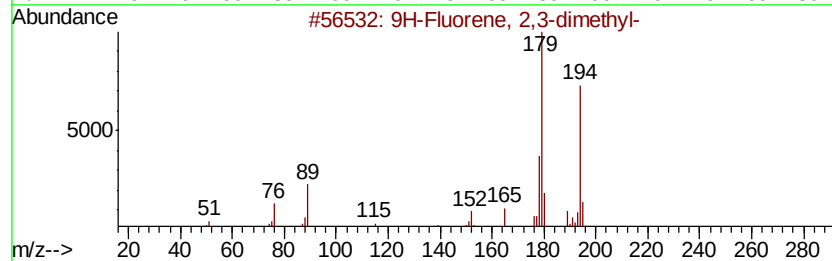
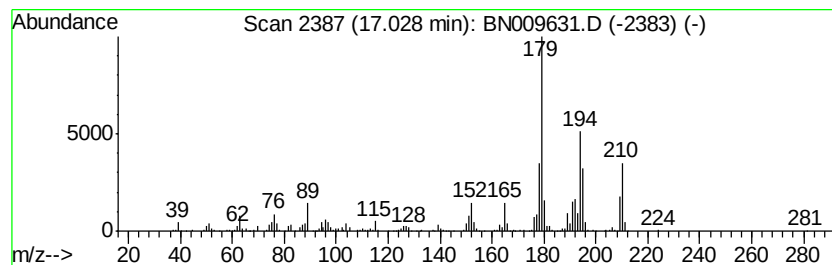
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 9H-Fluorene, 2,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	10.25 ng/ul	926764	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	89
2		Acridine	179	C13H9N	000260-94-6	80
3		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	52
4		Benzaldehyde, 4-[(trimethylsilyl)...	194	C10H14O2Si	001012-12-0	49
5		Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

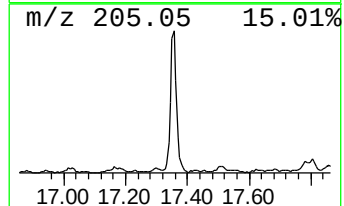
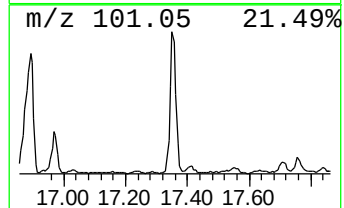
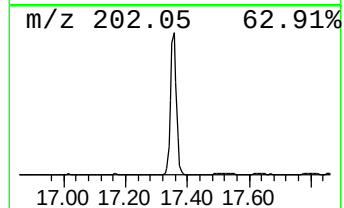
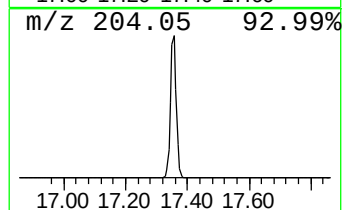
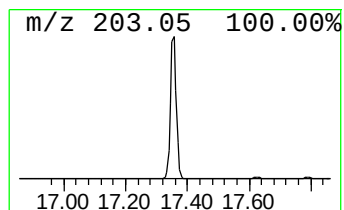
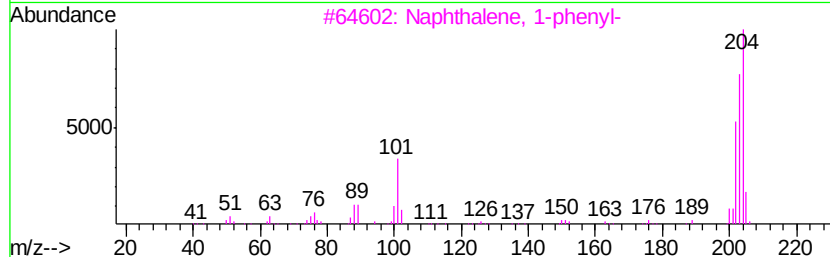
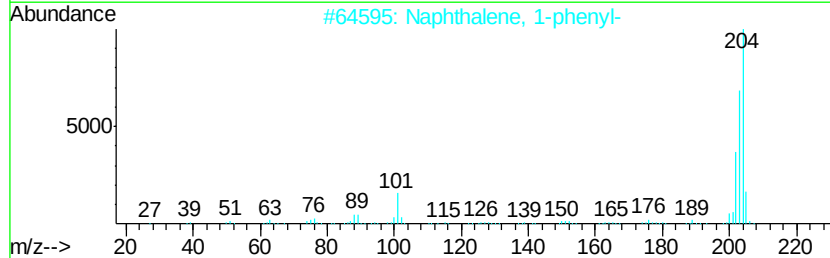
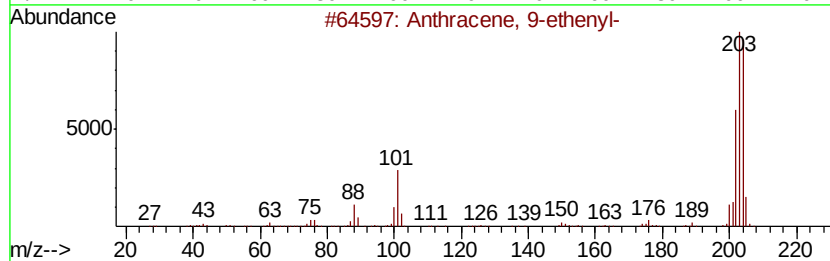
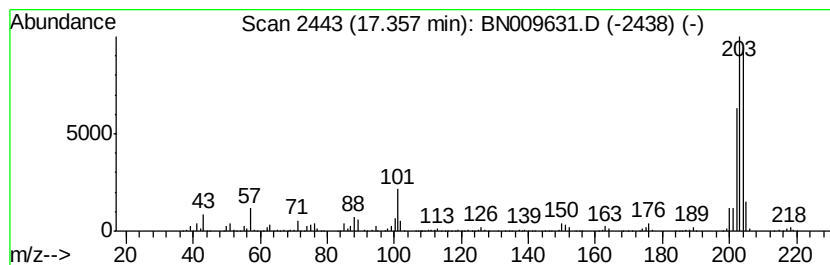
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 Anthracene, 9-ethenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	18.36 ng/ul	1659910	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
5		Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

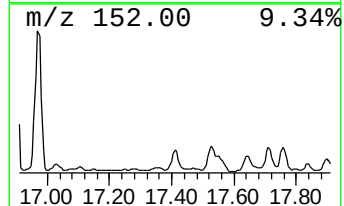
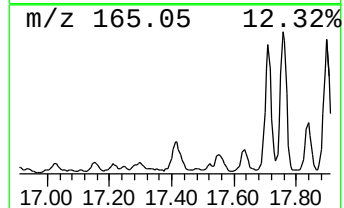
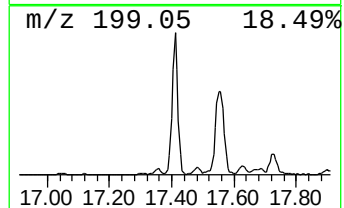
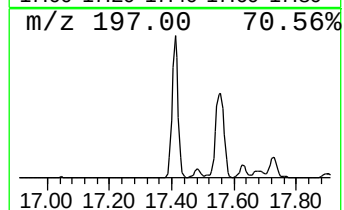
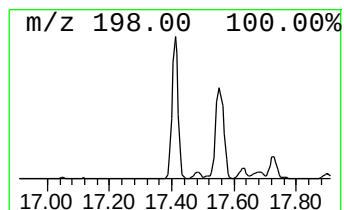
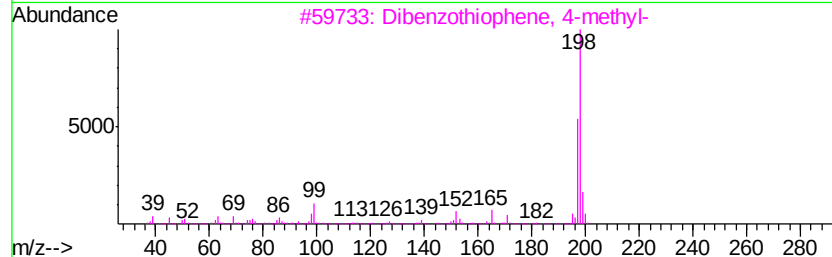
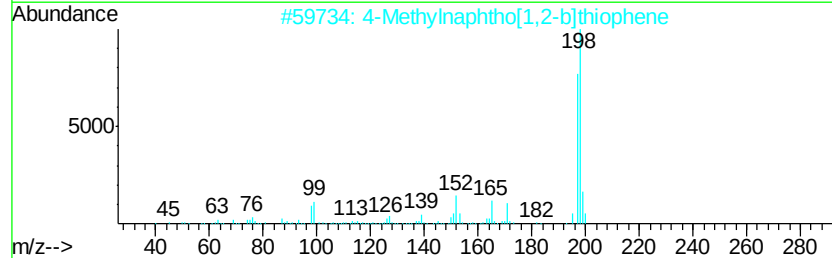
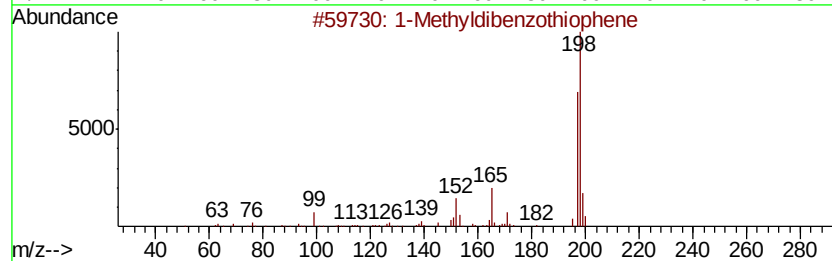
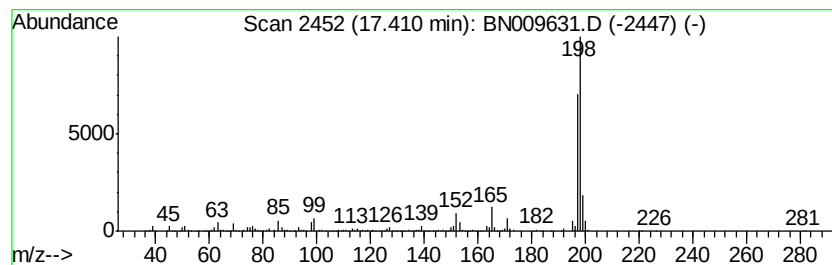
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 1-Methyldibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	29.34 ng/ul	2653030	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2		4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
3		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
4		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	95
5		0,0,0-Triethyl thiophosphate	198	C6H15O3PS	000126-68-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

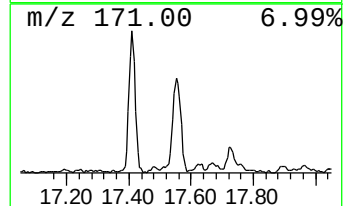
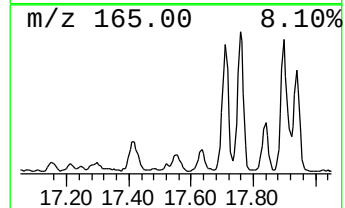
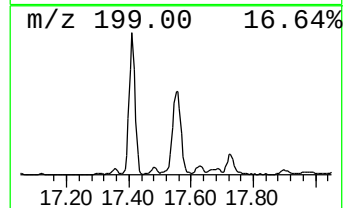
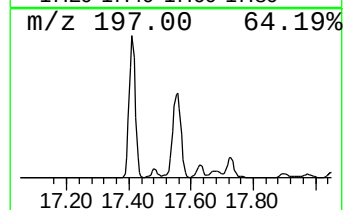
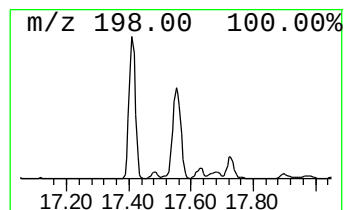
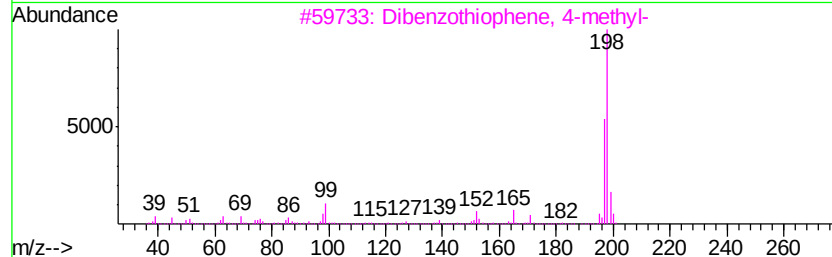
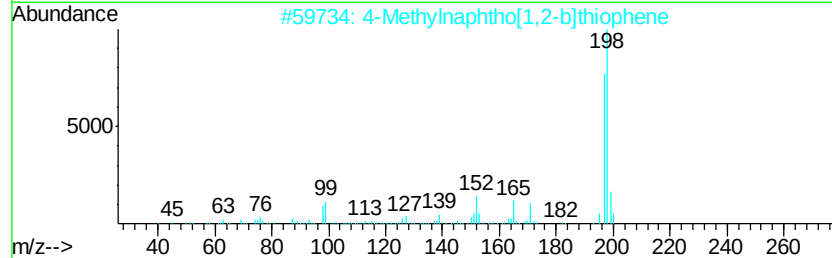
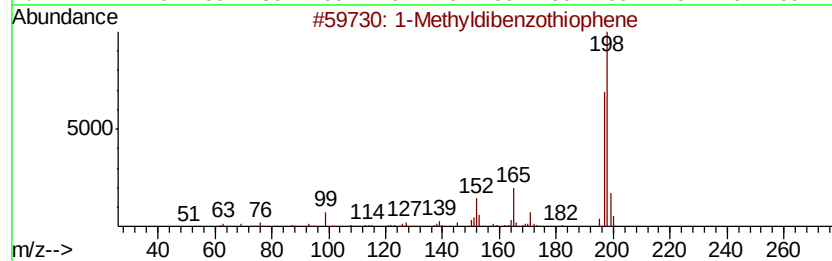
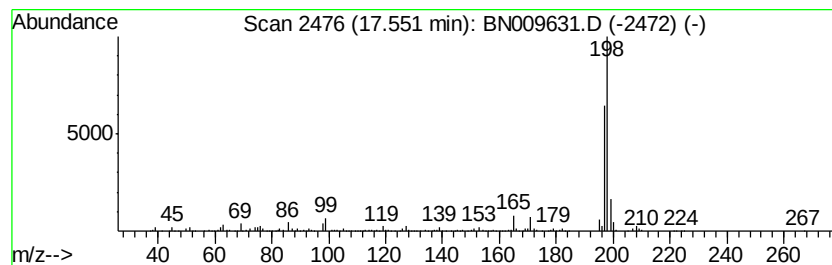
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 Dibenzothiophene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	23.79 ng/ul	2151690	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	94
2		4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	91
3		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
4		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

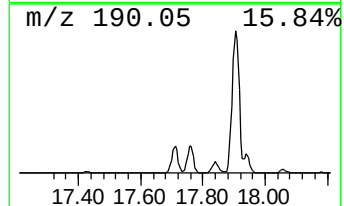
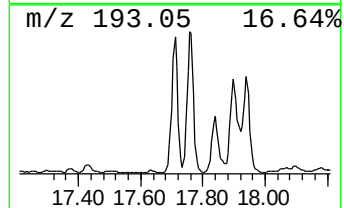
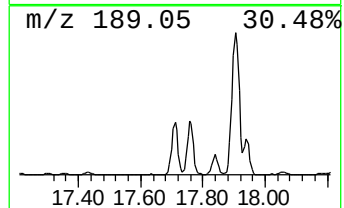
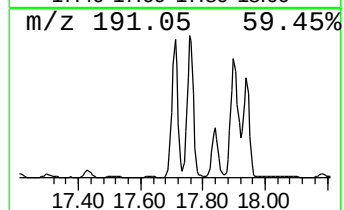
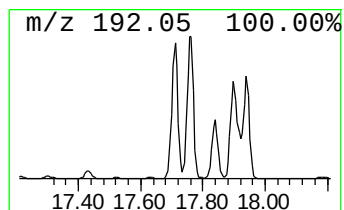
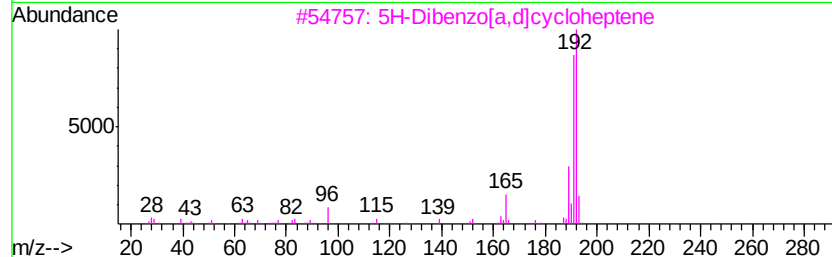
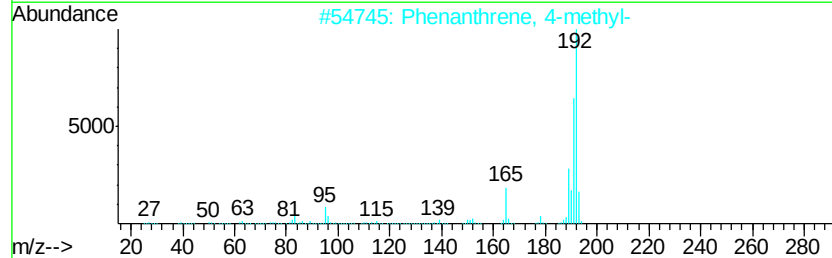
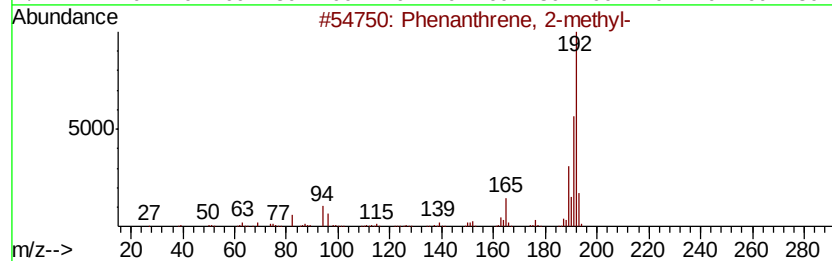
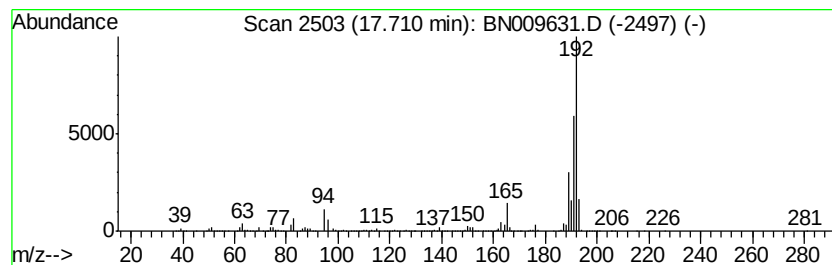
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	111.41 ng/ul	10074900	Phenanthrene-d10	16.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	94
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

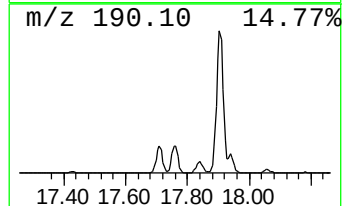
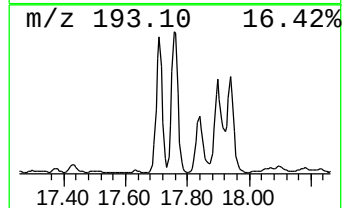
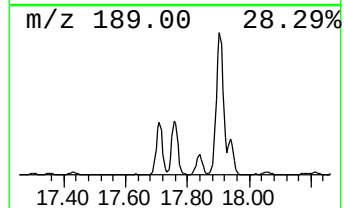
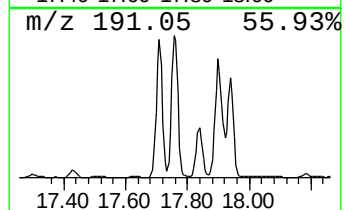
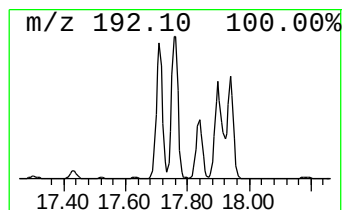
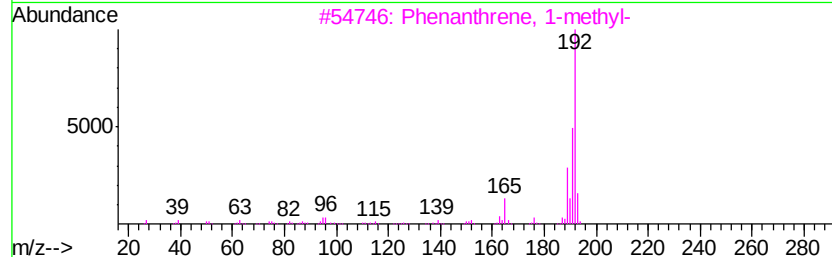
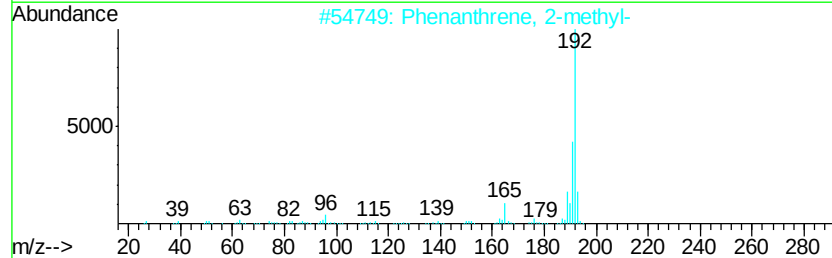
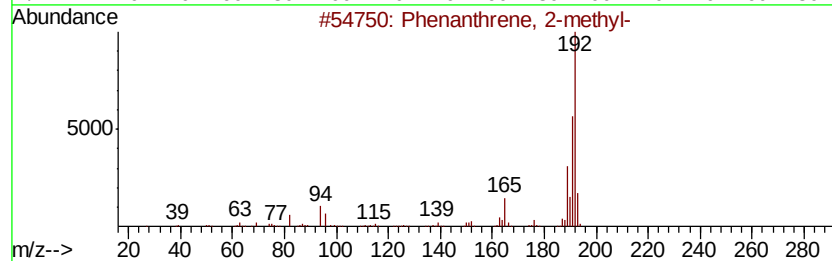
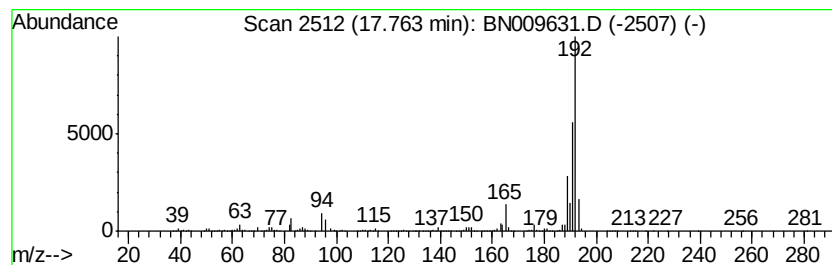
Instrument :
BNA_N
ClientSampleId :
GAT60

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

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

Peak Number 30 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.76	117.52 ng/ul	10627500	Phenanthrene-d10	16.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98	
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97	
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97	
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96	
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009631.D
 Acq On : 07 Feb 2020 04:47
 Operator : CG/JU
 Sample : L1324-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT60

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,3-tr...	7.09	38.1	ng/ul	2051080	1	7.43	1076750	20.0
Benzene, 1-propynyl-	7.96	66.6	ng/ul	3587380	1	7.43	1076750	20.0
1H-Indene, 1-methyl-	9.63	28.9	ng/ul	2342900	2	10.19	1623960	20.0
Benzene, (1-methy...	9.69	17.1	ng/ul	1387210	2	10.19	1623960	20.0
Naphthalene, 1-me...	12.09	232.8	ng/ul	18904400	2	10.19	1623960	20.0
Naphthalene, 1-et...	13.09	8.5	ng/ul	1916720	3	14.07	4504800	20.0
Naphthalene, 1,6-...	13.23	19.9	ng/ul	4475400	3	14.07	4504800	20.0
Naphthalene, 2,3-...	13.39	40.8	ng/ul	9183390	3	14.07	4504800	20.0
Naphthalene, 2,6-...	13.45	21.0	ng/ul	4721370	3	14.07	4504800	20.0
Naphthalene, 1,5-...	13.63	16.3	ng/ul	3681420	3	14.07	4504800	20.0
Naphthalene, 2,3,...	14.56	6.7	ng/ul	1518680	3	14.07	4504800	20.0
Naphthalene, 2-(1...	14.69	12.9	ng/ul	2899480	3	14.07	4504800	20.0
Naphthalene, 1,4,...	14.76	4.8	ng/ul	1075810	3	14.07	4504800	20.0
1H-Phenylene	14.96	10.1	ng/ul	2270790	3	14.07	4504800	20.0
3-Trifluoromethyl...	15.33	4.3	ng/ul	966320	3	14.07	4504800	20.0
Dibenzofuran, 4-m...	15.43	7.6	ng/ul	1706290	3	14.07	4504800	20.0
1,3-Benzodioxole-...	15.55	32.8	ng/ul	2967120	4	16.83	1808600	20.0
Chamazulene	15.82	10.6	ng/ul	960274	4	16.83	1808600	20.0
9H-Fluorene, 1-me...	16.14	35.4	ng/ul	3203010	4	16.83	1808600	20.0
9H-Fluorene, 2-me...	16.19	15.6	ng/ul	1408570	4	16.83	1808600	20.0
9H-Fluorene, 3-me...	16.29	16.0	ng/ul	1448920	4	16.83	1808600	20.0
(3H)Benzo[c]pyrro...	16.50	14.4	ng/ul	1301260	4	16.83	1808600	20.0
Naphtho[2,1-b]thi...	16.65	63.2	ng/ul	5719170	4	16.83	1808600	20.0
9H-Fluorene, 2,3-...	17.03	10.3	ng/ul	926764	4	16.83	1808600	20.0
Anthracene, 9-eth...	17.36	18.4	ng/ul	1659910	4	16.83	1808600	20.0
1-Methyldibenzoth...	17.41	29.3	ng/ul	2653030	4	16.83	1808600	20.0
Dibenzothiophene,...	17.55	23.8	ng/ul	2151690	4	16.83	1808600	20.0
Phenanthrene, 2-m...	17.71	111.4	ng/ul	10074900	4	16.83	1808600	20.0
Phenanthrene, 1-m...	17.76	117.5	ng/ul	10627500	4	16.83	1808600	20.0