

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
 Data File : BN006017.D
 Acq On : 02 Jun 2019 06:06
 Operator : JU/SJ
 Sample : K2928-14DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42C8DL

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-BN052819MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.895	629	636	646	rBV	197435	338118	2.58%	0.190%
2	7.059	659	664	672	rBV	151039	235163	1.79%	0.132%
3	7.259	692	698	704	rBV	196155	314036	2.39%	0.177%
4	7.724	770	777	786	rBV	1739220	2770818	21.11%	1.558%
5	8.430	891	897	903	rBV	213223	354295	2.70%	0.199%
6	8.877	967	973	983	rBV	172776	302452	2.30%	0.170%
7	9.600	1089	1096	1102	rBV	131246	230409	1.76%	0.130%
8	10.136	1181	1187	1198	rVB	201992	339604	2.59%	0.191%
9	10.512	1243	1251	1258	rBV	2416464	4128219	31.45%	2.322%
10	13.788	1803	1808	1812	rVV	446399	623159	4.75%	0.350%
11	13.836	1812	1816	1824	rVV	184082	280280	2.14%	0.158%
12	14.071	1850	1856	1860	rBV	490261	815220	6.21%	0.458%
13	14.383	1898	1909	1916	rBV2	3775973	5710236	43.50%	3.211%
14	14.588	1938	1944	1953	rBV3	171664	388322	2.96%	0.218%
15	14.783	1971	1977	1984	rVV	174506	322145	2.45%	0.181%
16	14.859	1984	1990	1995	rVB	195604	276471	2.11%	0.155%
17	15.000	2006	2014	2019	rBV2	207389	394192	3.00%	0.222%
18	15.177	2037	2044	2047	rBV4	157411	331992	2.53%	0.187%
19	15.341	2064	2072	2074	rVV4	128148	254685	1.94%	0.143%
20	15.377	2074	2078	2083	rVV	631166	942009	7.18%	0.530%
21	15.430	2083	2087	2091	rVV2	130517	215939	1.65%	0.121%
22	15.553	2105	2108	2112	rVV2	195246	318669	2.43%	0.179%
23	15.647	2120	2124	2131	rVV	208776	384072	2.93%	0.216%
24	15.712	2131	2135	2139	rVV4	142594	326892	2.49%	0.184%
25	15.747	2139	2141	2146	rVB	181729	240476	1.83%	0.135%
26	16.112	2198	2203	2209	rVB3	367545	661601	5.04%	0.372%
27	16.247	2222	2226	2230	rVV2	174569	257900	1.96%	0.145%
28	16.441	2252	2259	2263	rBV4	198599	421308	3.21%	0.237%
29	16.488	2263	2267	2273	rVV3	217412	362330	2.76%	0.204%
30	16.588	2282	2284	2289	rVB2	208899	288653	2.20%	0.162%
31	16.712	2301	2305	2308	rVB3	245060	333402	2.54%	0.187%
32	16.794	2315	2319	2324	rVB5	159244	272271	2.07%	0.153%
33	16.953	2342	2346	2349	rBV2	176951	254512	1.94%	0.143%
34	17.135	2371	2377	2381	rVV2	4596656	6536233	49.80%	3.676%

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
 Data File : BN006017.D
 Acq On : 02 Jun 2019 06:06
 Operator : JU/SJ
 Sample : K2928-14DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42C8DL

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-BN052819MA.M
 Title : SVOA CALIBRATION

35	17.177	2381	2384	2389	rVV	2122485	2930813	22.33%	1.648%
36	17.235	2389	2394	2397	rVV	741672	1260465	9.60%	0.709%
37	17.271	2397	2400	2404	rVV	662078	880381	6.71%	0.495%
38	17.324	2404	2409	2414	rVV2	317124	624007	4.75%	0.351%
39	17.376	2415	2418	2421	rVV3	169638	240105	1.83%	0.135%
40	17.406	2421	2423	2427	rVV2	139209	246789	1.88%	0.139%
41	17.447	2427	2430	2435	rVB2	197312	277580	2.11%	0.156%
42	17.547	2442	2447	2448	rBV2	212133	300862	2.29%	0.169%
43	17.718	2469	2476	2485	rVB2	545772	884883	6.74%	0.498%
44	17.865	2496	2501	2508	rBV	176556	334024	2.54%	0.188%
45	17.935	2509	2513	2517	rBV3	216761	327479	2.49%	0.184%
46	18.012	2522	2526	2530	rVV	1431971	2143889	16.33%	1.206%
47	18.059	2530	2534	2541	rVB	1904097	2892450	22.04%	1.627%
48	18.141	2542	2548	2553	rBV	835908	1454386	11.08%	0.818%
49	18.206	2553	2559	2563	rVV2	2502237	4733428	36.06%	2.662%
50	18.247	2563	2566	2572	rVB	1646245	2160958	16.46%	1.215%
51	18.335	2577	2581	2583	rBV	375377	486937	3.71%	0.274%
52	18.412	2590	2594	2599	rVB2	464886	674730	5.14%	0.379%
53	18.518	2608	2612	2616	rBV2	981131	1373997	10.47%	0.773%
54	18.565	2616	2620	2630	rVB4	593456	1218499	9.28%	0.685%
55	18.641	2630	2633	2639	rBV	407448	689376	5.25%	0.388%
56	18.735	2646	2649	2651	rBV2	422754	526264	4.01%	0.296%
57	18.765	2651	2654	2658	rVV	940614	1351116	10.29%	0.760%
58	18.818	2659	2663	2666	rVV	758621	1123727	8.56%	0.632%
59	18.853	2666	2669	2673	rVB2	604679	813751	6.20%	0.458%
60	18.941	2679	2684	2688	rBV	2432253	3875790	29.53%	2.180%
61	19.000	2688	2694	2697	rVV4	1104684	2449247	18.66%	1.377%
62	19.035	2697	2700	2703	rVB	725028	879490	6.70%	0.495%
63	19.082	2703	2708	2715	rBV2	1281941	2645927	20.16%	1.488%
64	19.206	2724	2729	2735	rBV	7961377	10418195	79.37%	5.859%
65	19.271	2736	2740	2743	rVV2	491358	683104	5.20%	0.384%
66	19.306	2743	2746	2750	rVB2	578570	794666	6.05%	0.447%
67	19.406	2761	2763	2766	rVB2	418674	422214	3.22%	0.237%
68	19.453	2767	2771	2773	rBV2	544303	711414	5.42%	0.400%
69	19.488	2774	2777	2781	rVB2	596501	735512	5.60%	0.414%
70	19.541	2781	2786	2787	rBV2	2157052	2550887	19.43%	1.435%
71	19.570	2787	2791	2800	rVV	8078882	13125643	100.00%	7.381%

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
 Data File : BN006017.D
 Acq On : 02 Jun 2019 06:06
 Operator : JU/SJ
 Sample : K2928-14DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42C8DL

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-BN052819MA.M
 Title : SVOA CALIBRATION

72	19.647	2800	2804	2810	rVB3	1022086	1804262	13.75%	1.015%
73	19.806	2828	2831	2837	rVB3	619293	947338	7.22%	0.533%
74	19.900	2842	2847	2857	rVB4	1522834	3926507	29.91%	2.208%
75	20.035	2866	2870	2872	rBV4	909705	1476150	11.25%	0.830%
76	20.065	2873	2875	2885	rVB	1643957	2449272	18.66%	1.377%
77	20.170	2890	2893	2897	rVB2	738610	904976	6.89%	0.509%
78	20.229	2898	2903	2907	rBV2	1615606	2401871	18.30%	1.351%
79	20.370	2923	2927	2931	rBV	1529879	2219642	16.91%	1.248%
80	20.418	2931	2935	2938	rVB	1313633	1818347	13.85%	1.023%
81	20.823	3001	3004	3011	rVB	1305135	1978677	15.07%	1.113%
82	20.988	3026	3032	3036	rBV3	1067291	2215866	16.88%	1.246%
83	21.029	3036	3039	3042	rVV	1005623	1125478	8.57%	0.633%
84	21.070	3042	3046	3051	rVV3	661069	1183760	9.02%	0.666%
85	21.123	3051	3055	3061	rVB2	908691	1419640	10.82%	0.798%
86	21.335	3086	3091	3097	rBV2	5689088	12791851	97.46%	7.194%
87	21.388	3097	3100	3110	rVB	4871069	6688828	50.96%	3.762%
88	21.465	3111	3113	3117	rBV	388450	368898	2.81%	0.207%
89	21.506	3117	3120	3125	rBV2	718620	988076	7.53%	0.556%
90	21.712	3152	3155	3158	rBV3	523306	682885	5.20%	0.384%
91	21.906	3182	3188	3192	rBV	1484992	2505749	19.09%	1.409%
92	21.959	3194	3197	3202	rVB2	1061251	1562731	11.91%	0.879%
93	22.106	3219	3222	3226	rBV	668954	918027	6.99%	0.516%
94	22.212	3236	3240	3243	rBV3	715448	1233484	9.40%	0.694%
95	22.947	3359	3365	3370	rBV	3081397	7068908	53.86%	3.975%
96	23.123	3392	3395	3404	rVB	656224	1111814	8.47%	0.625%
97	23.435	3443	3448	3453	rBV	1700024	2909729	22.17%	1.636%
98	23.529	3459	3464	3471	rVB	2729298	5710282	43.50%	3.211%
99	23.635	3476	3482	3487	rBV	2209398	4148235	31.60%	2.333%
100	25.929	3865	3872	3885	rVB	1292998	3789464	28.87%	2.131%

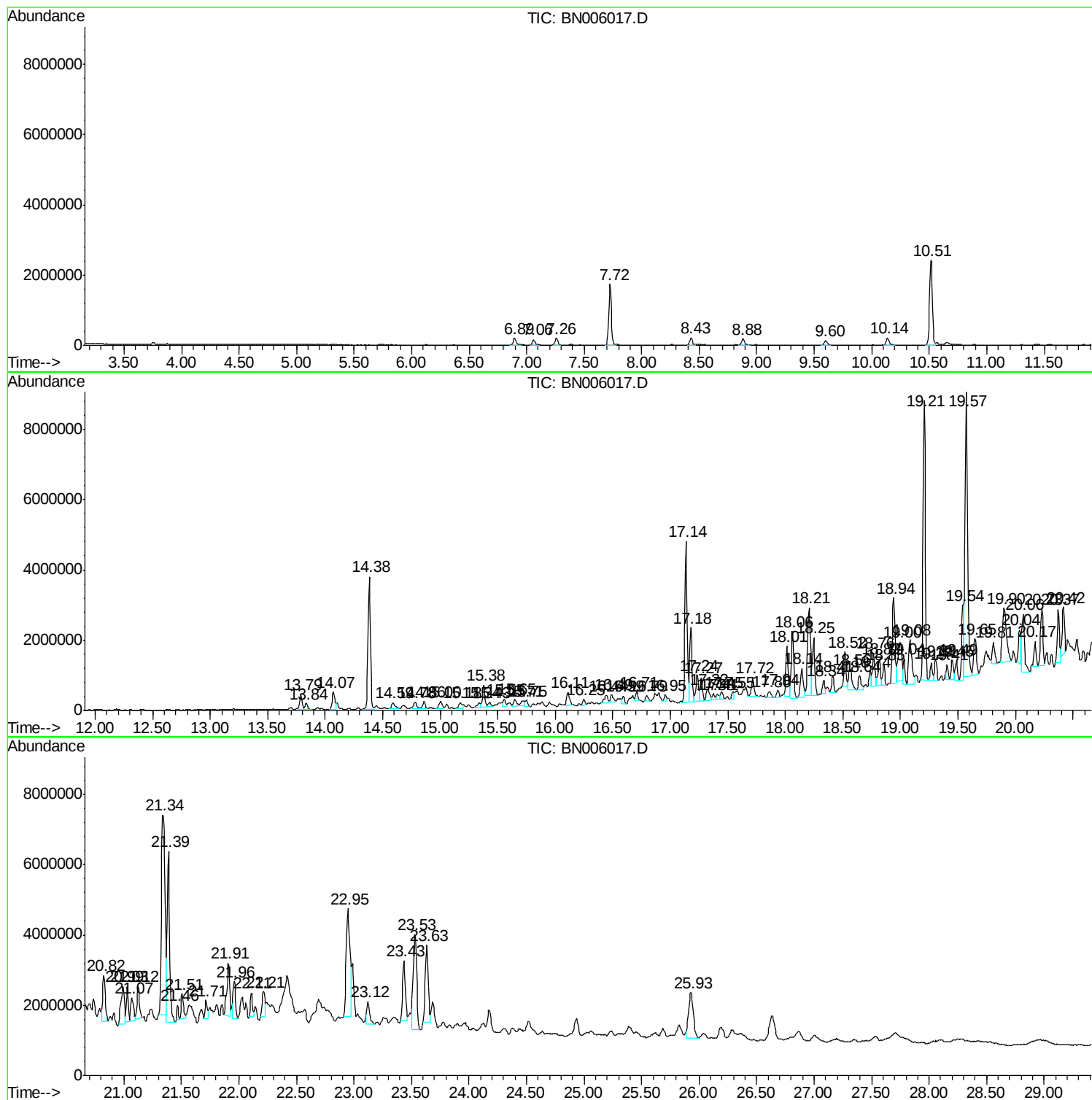
Sum of corrected areas: 177819815

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A42C8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

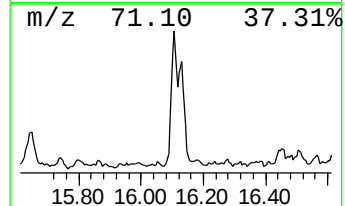
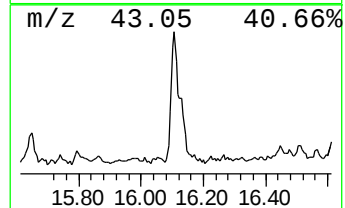
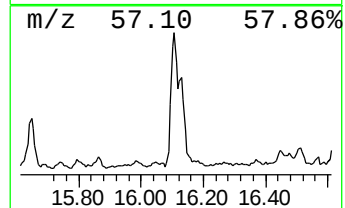
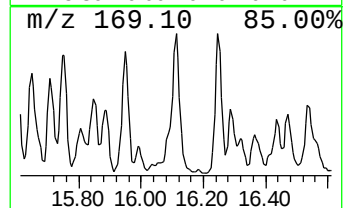
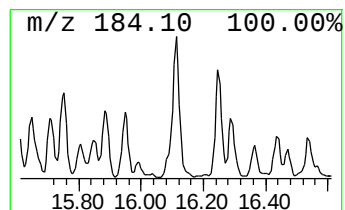
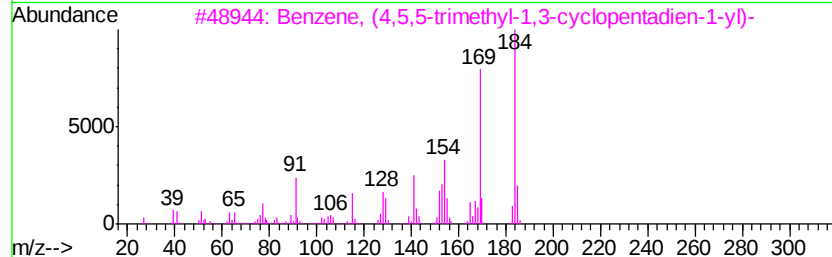
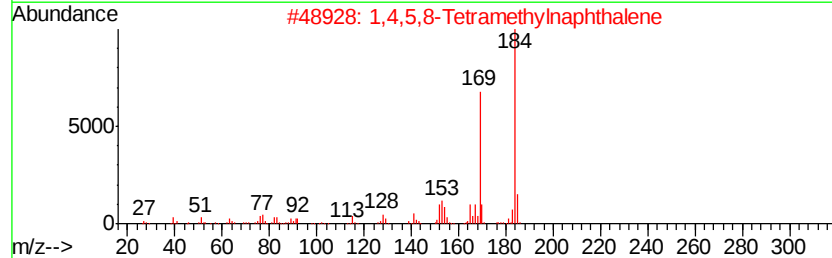
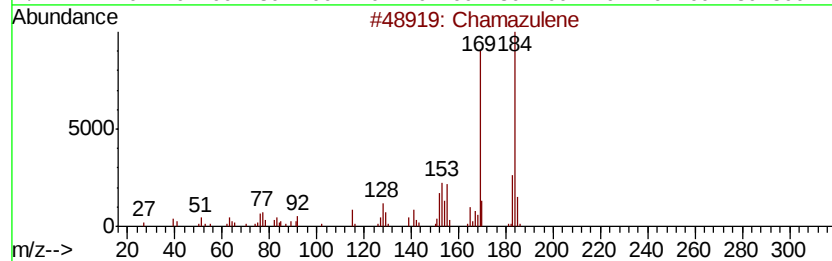
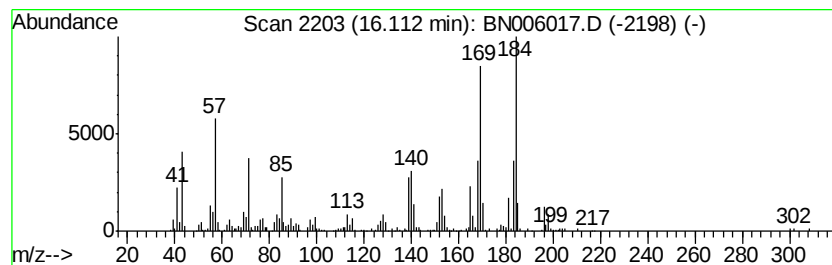
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Chamazulene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	2.02 ng/ul	661601	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chamazulene	184	C14H16	000529-05-5	70
2		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	62
3		Benzene, (4,5,5-trimethyl-1,3-cv...	184	C14H16	033930-85-7	58
4		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	49
5		3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

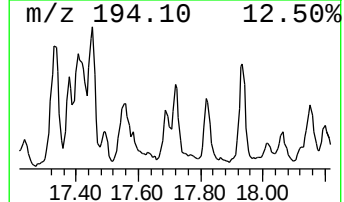
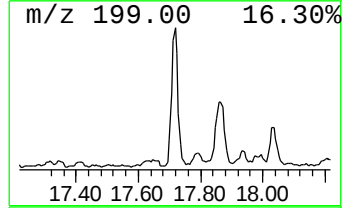
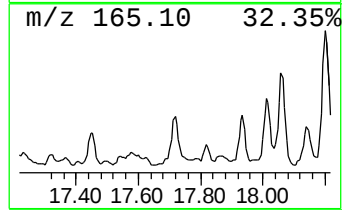
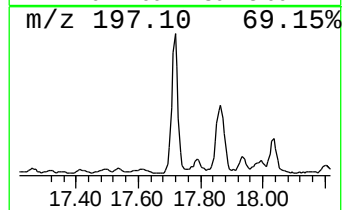
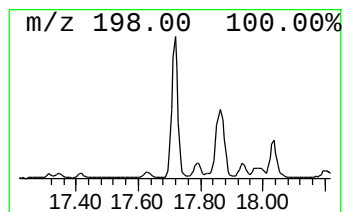
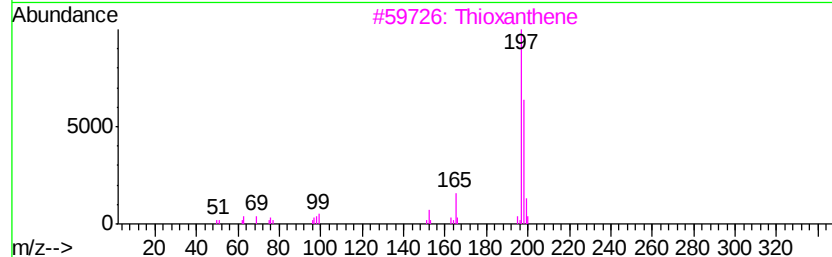
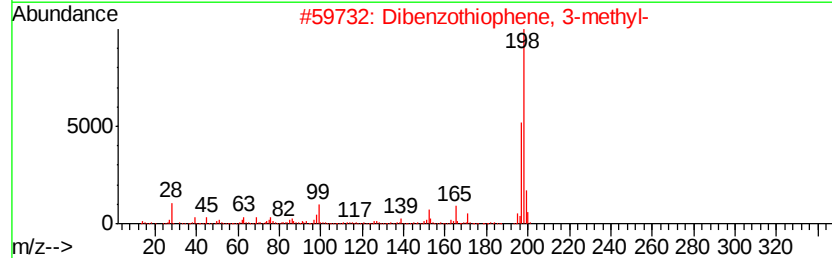
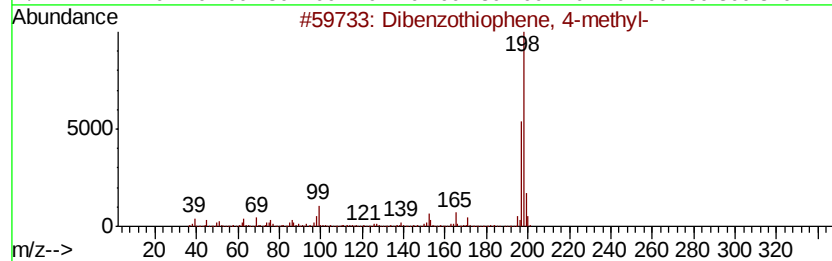
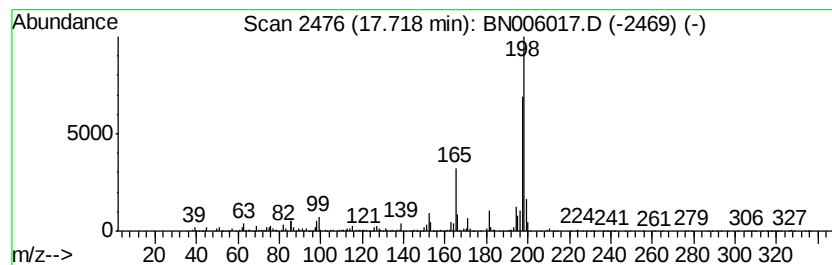
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dibenzothiophene, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	2.71 ng/ul	884883	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	76
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	76
3		Thioxanthene	198	C13H10S	000261-31-4	60
4		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	59
5		Tacrine	198	C13H14N2	000321-64-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

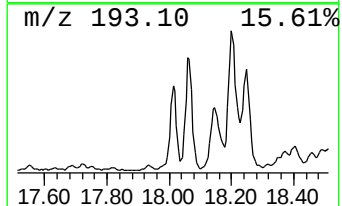
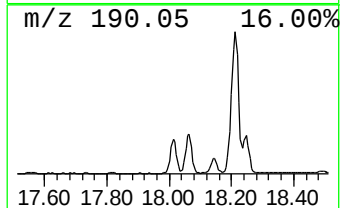
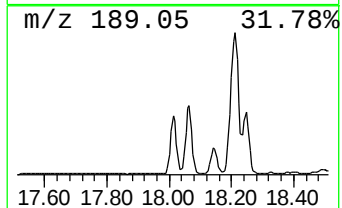
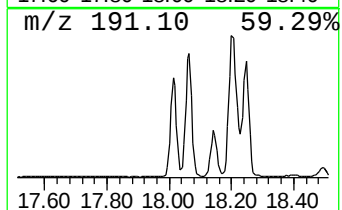
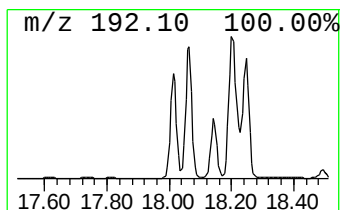
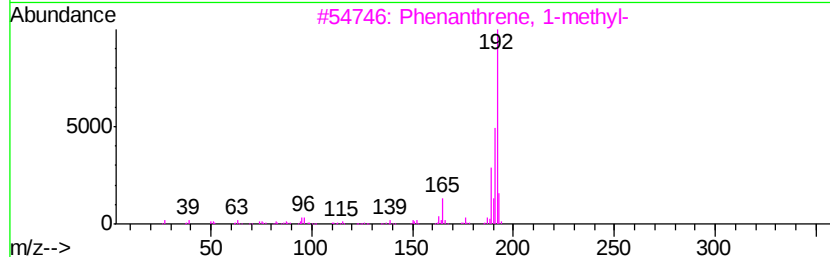
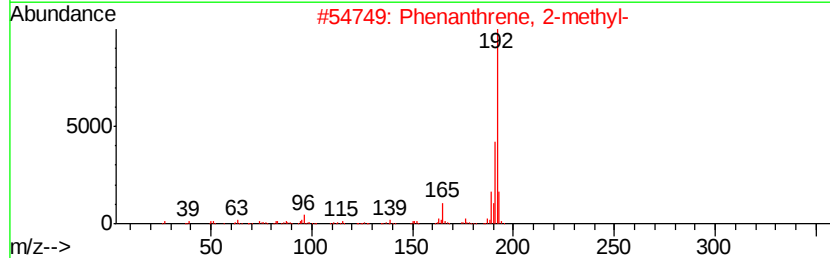
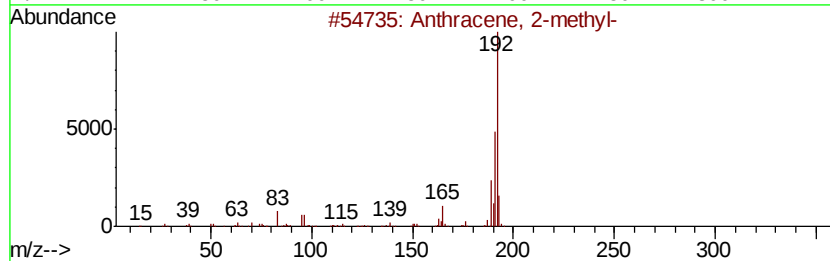
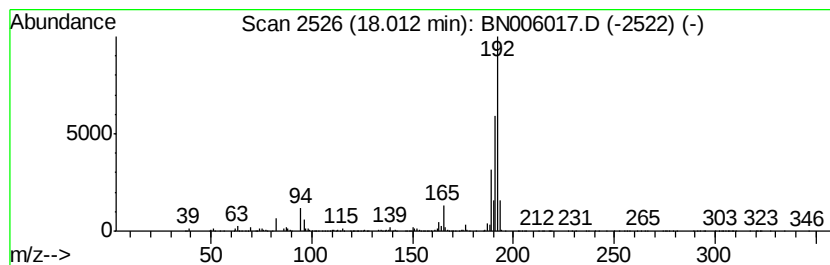
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	6.56 ng/ul	2143890	Phenanthrene-d10	17.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

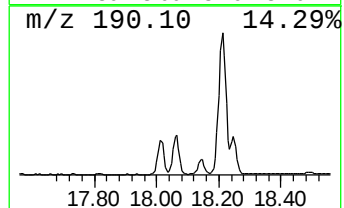
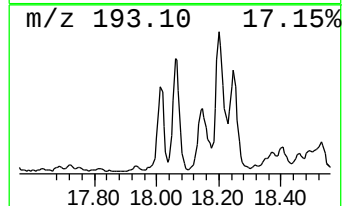
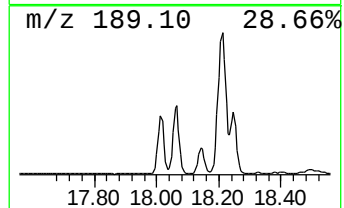
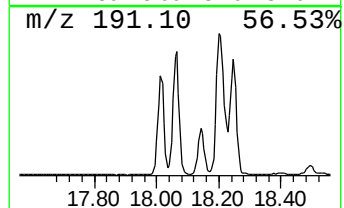
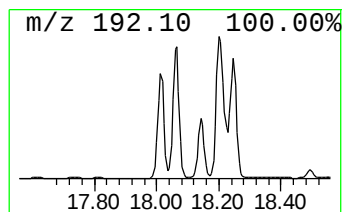
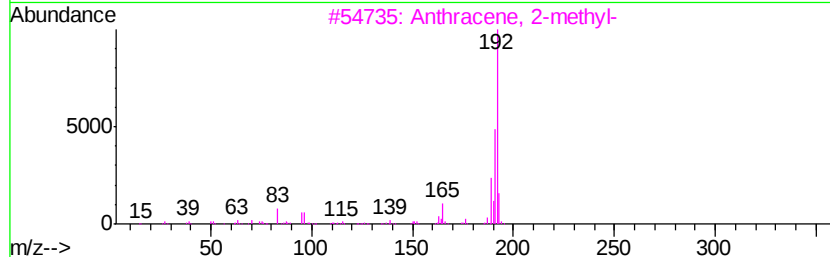
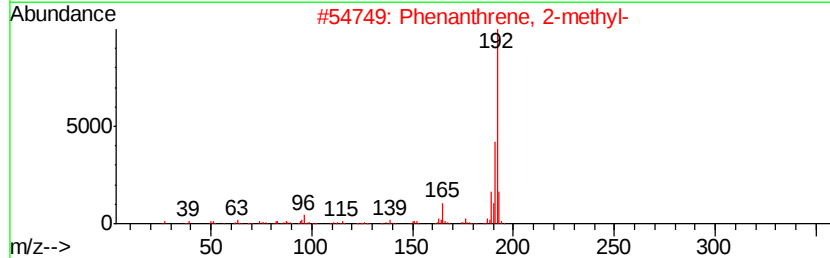
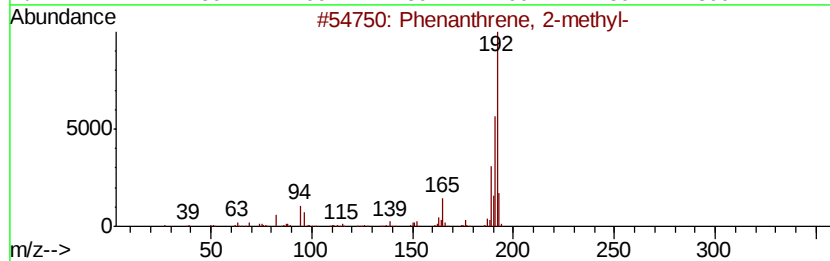
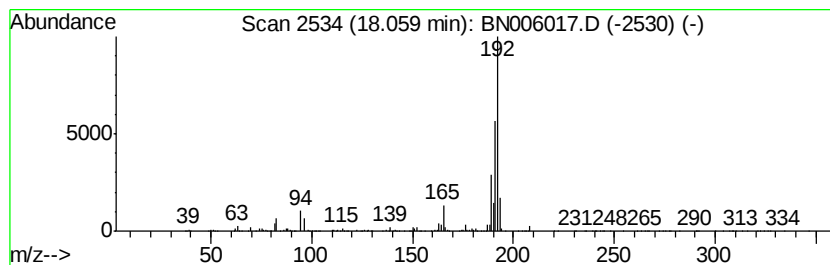
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	8.85 ng/ul	2892450	Phenanthrene-d10	17.14

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		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

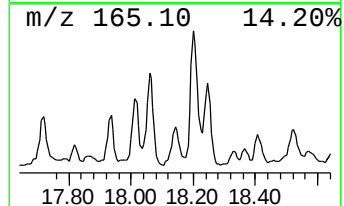
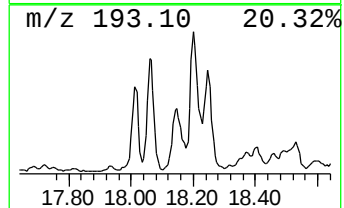
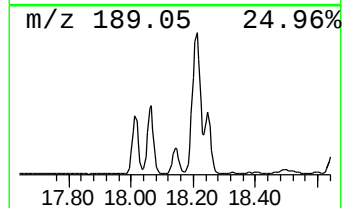
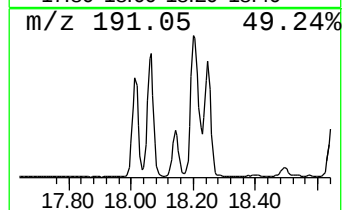
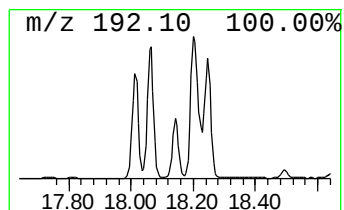
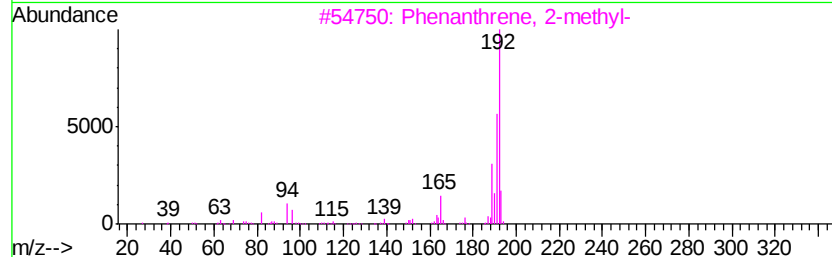
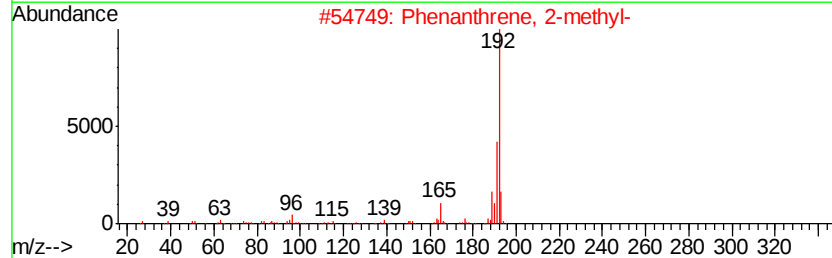
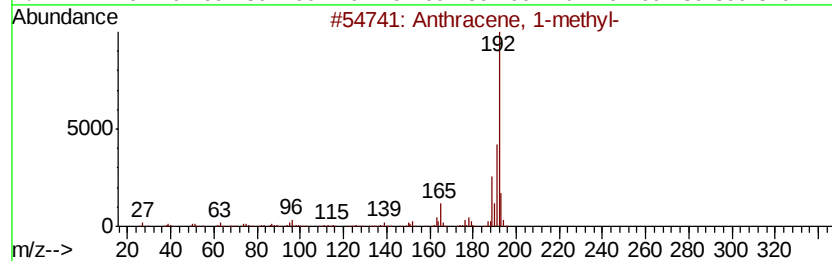
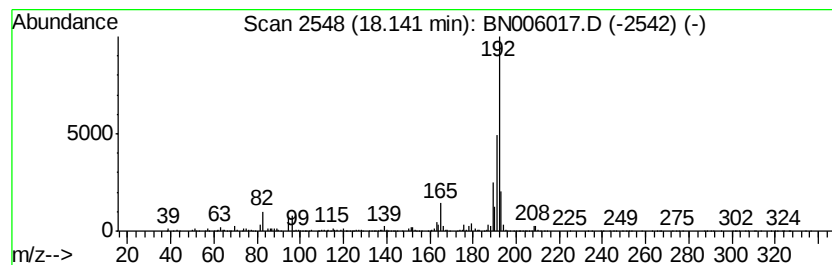
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	4.45 ng/ul	1454390	Phenanthrene-d10	17.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

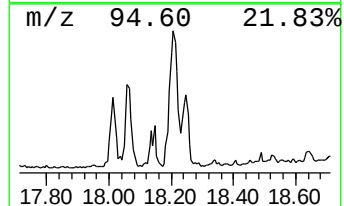
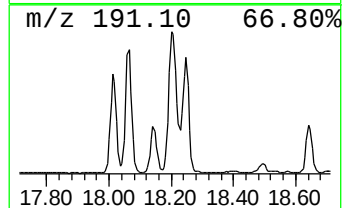
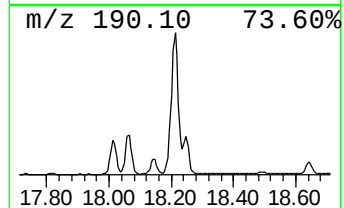
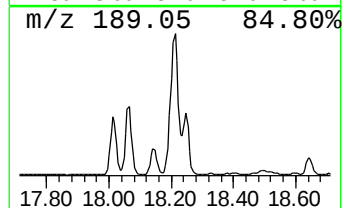
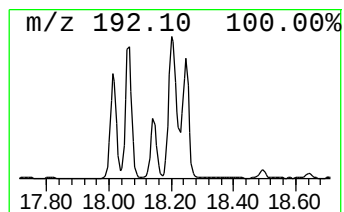
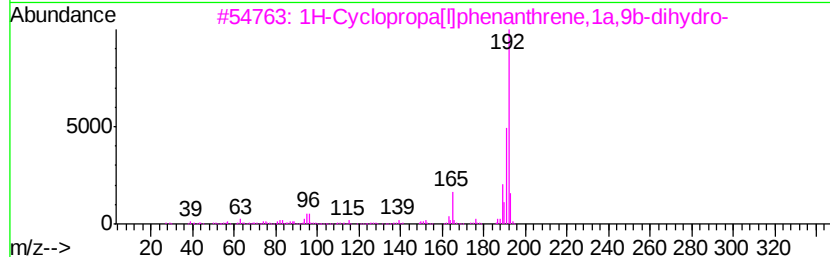
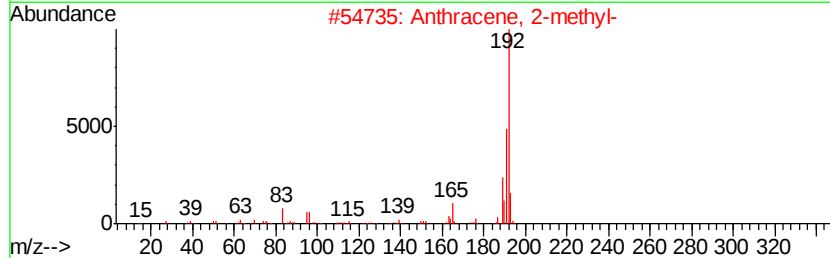
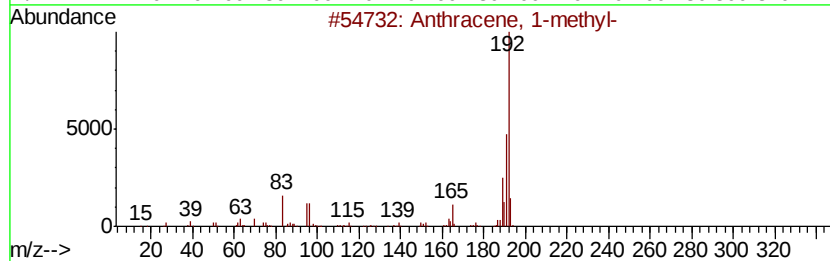
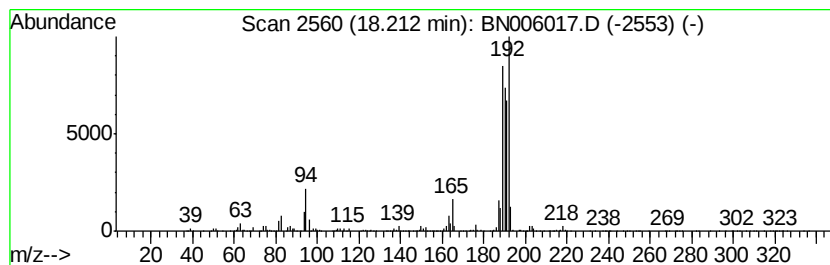
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	14.48 ng/ul	4733430	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
3		1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	60
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

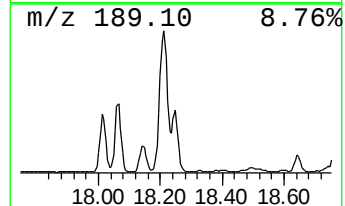
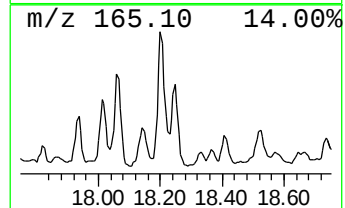
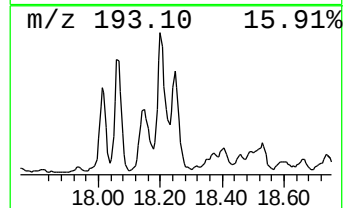
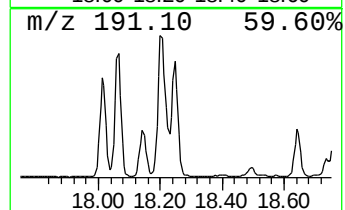
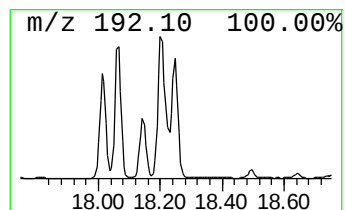
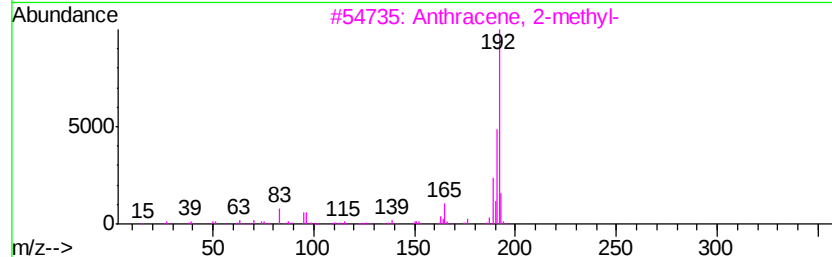
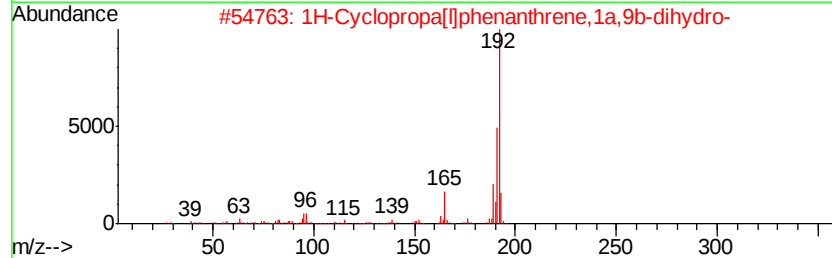
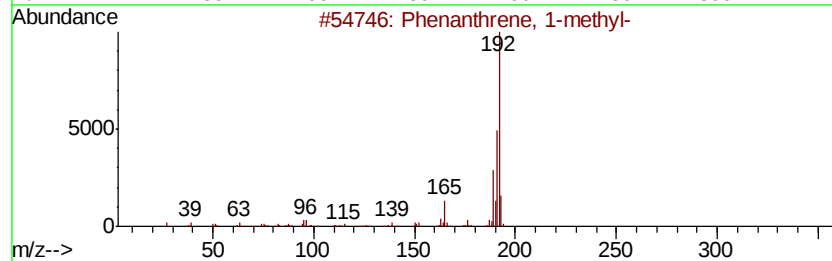
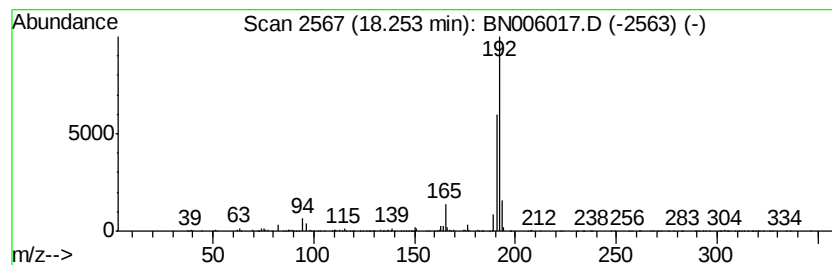
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	6.61 ng/ul	2160960	Phenanthrene-d10	17.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

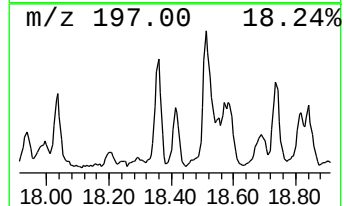
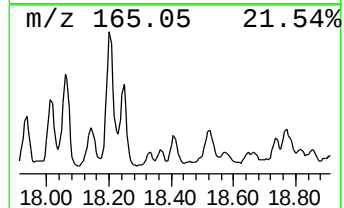
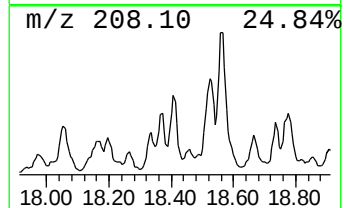
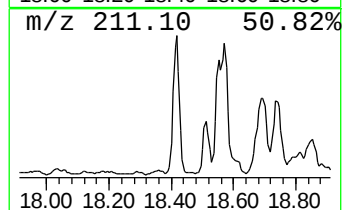
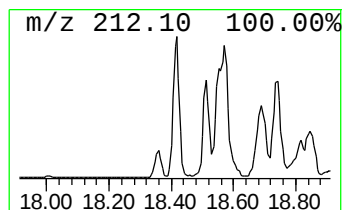
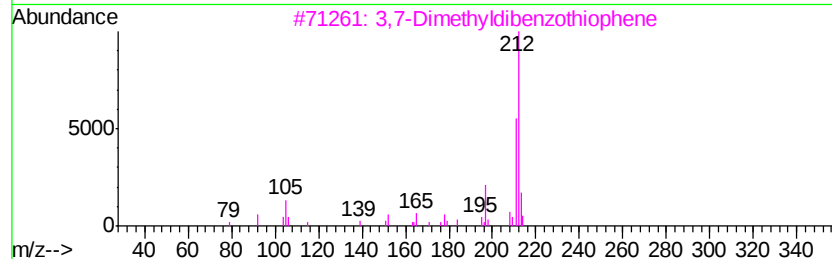
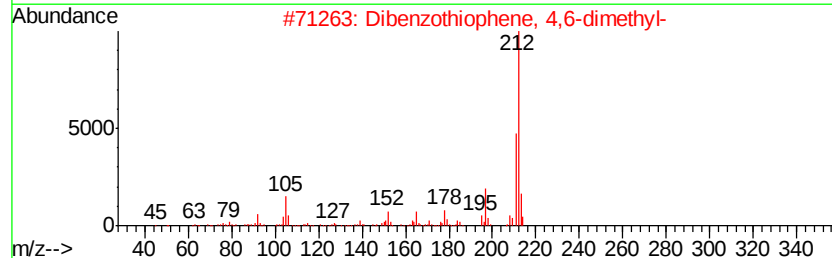
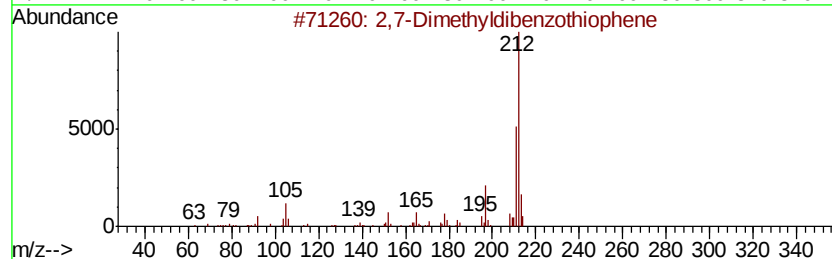
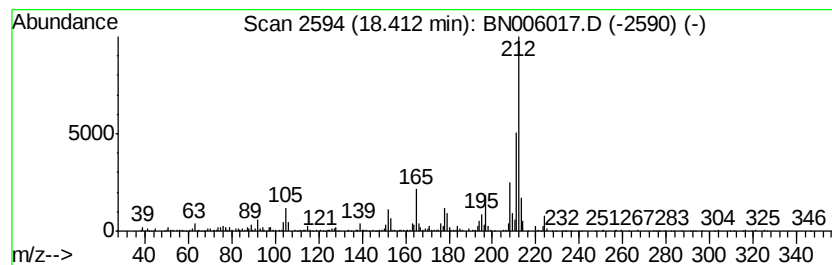
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 2,7-Dimethyldibenzothiophene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.06 ng/ul	674730	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	96
2		Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	94
3		3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	93
4		2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	89
5		2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

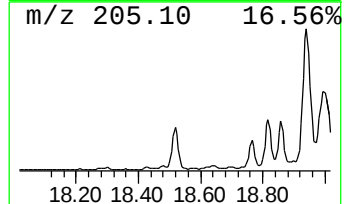
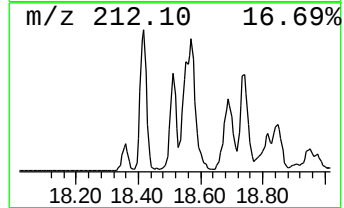
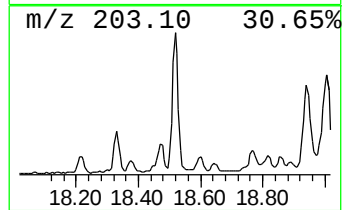
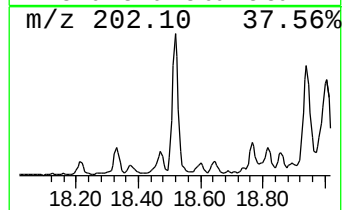
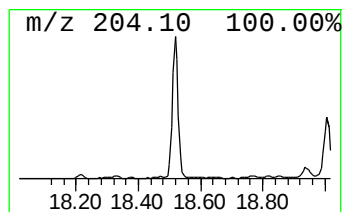
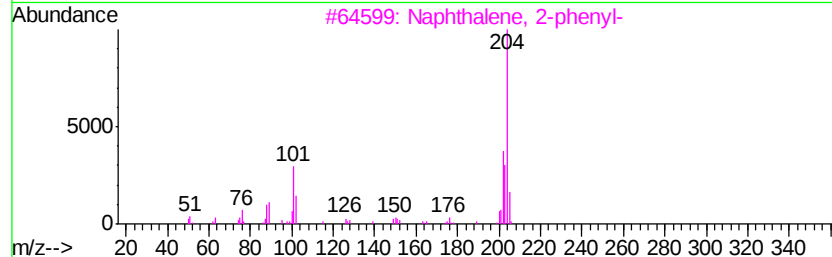
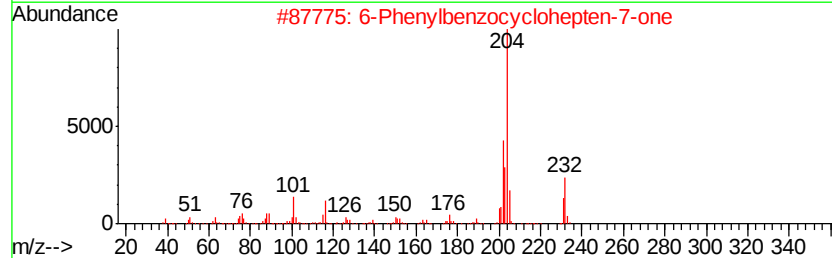
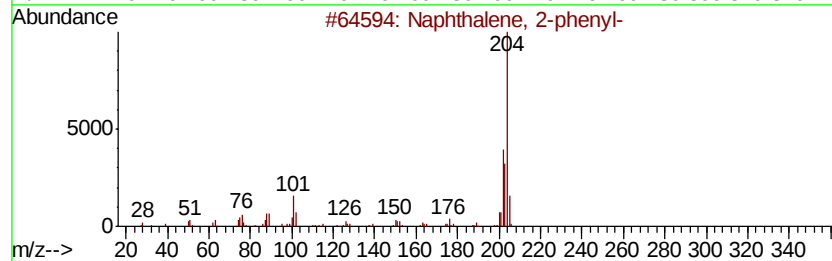
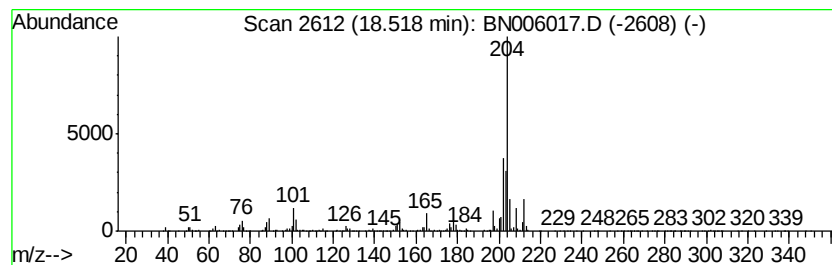
Instrument :
BNA_N
ClientSampleId :
A42C8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	4.20 ng/ul	1374000	Phenanthrene-d10	17.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-phenyl-	204 C16H12	000612-94-2 93
2		6-Phenylbenzocyclohepten-7-one	232 C17H12O	093327-56-1 72
3		Naphthalene, 2-phenyl-	204 C16H12	000612-94-2 70
4		5,16[1',2'1:8,13[1'',2'']-Dibenz...	408 C32H24	005672-97-9 64
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204 C16H12	006572-60-7 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

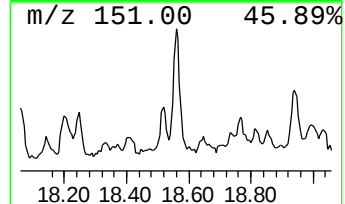
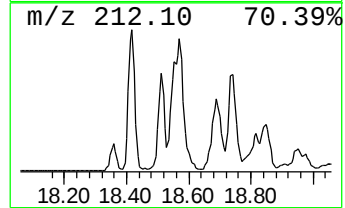
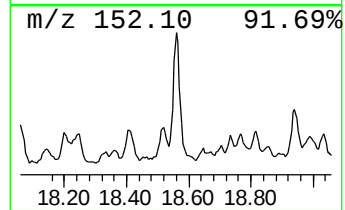
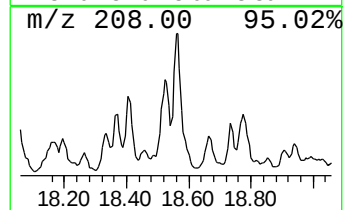
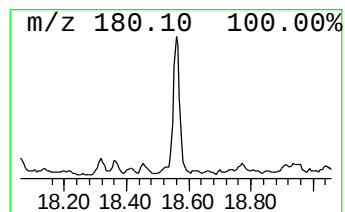
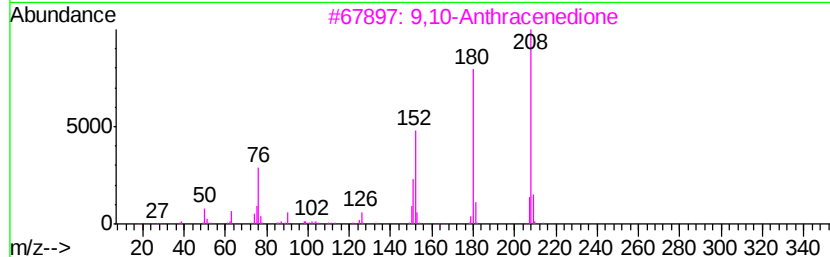
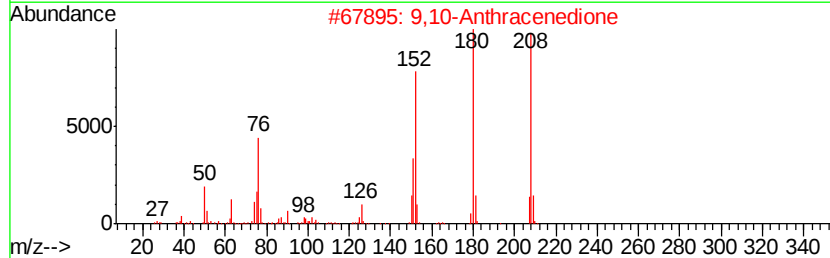
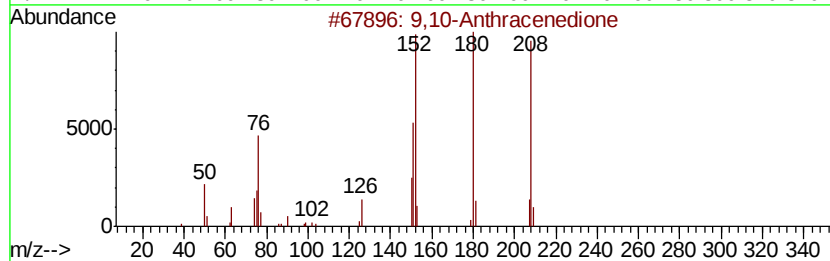
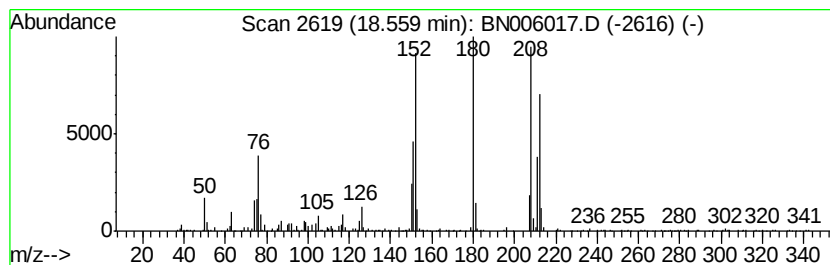
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	3.73 ng/ul	1218500	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	92
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	64
4			Acenaphthylene	152	C12H8	000208-96-8	53
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

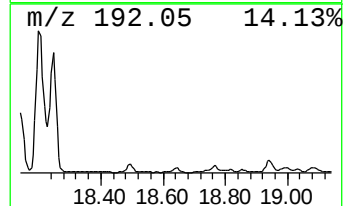
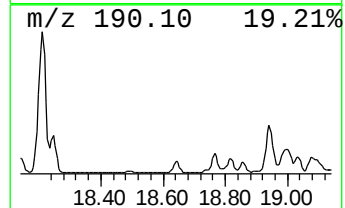
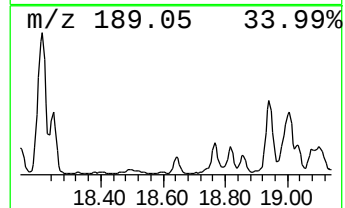
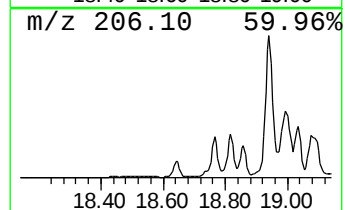
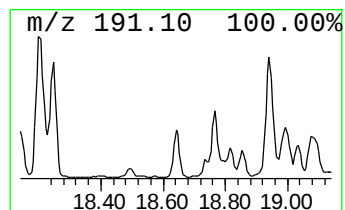
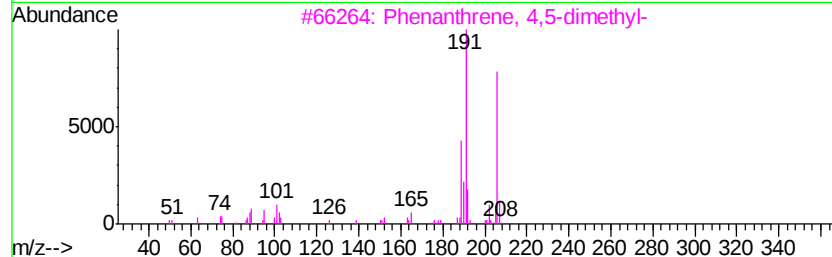
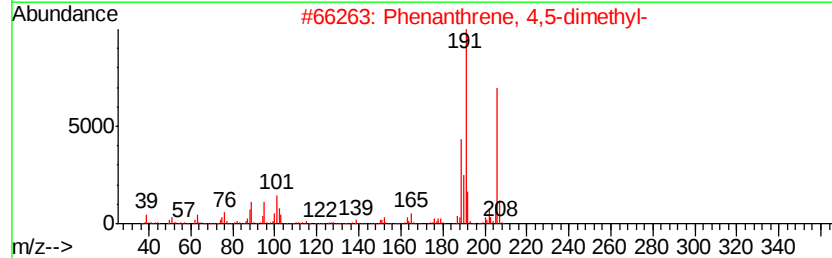
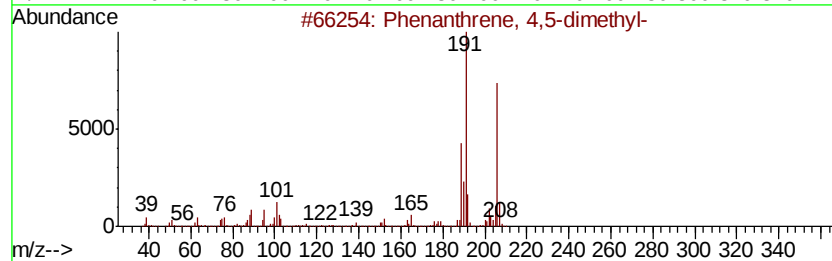
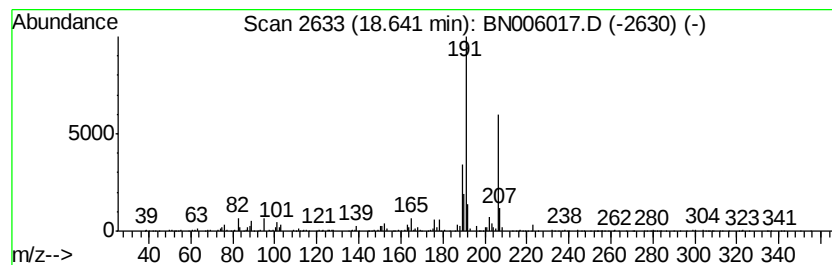
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Phenanthrene, 4,5-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	2.11 ng/ul	689376	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
5		Anthracene, 9-ethyl-	206	C16H14	000605-83-4	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

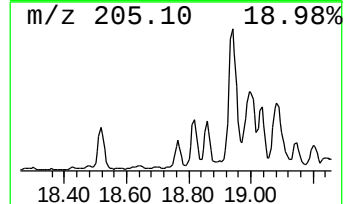
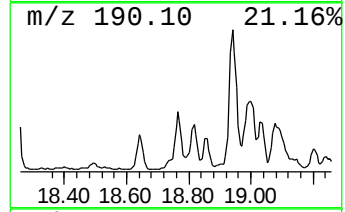
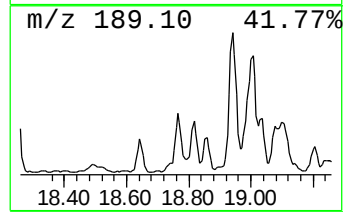
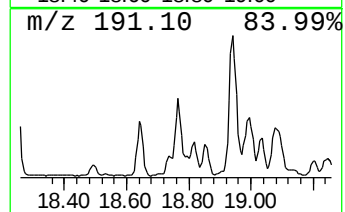
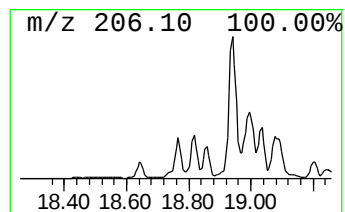
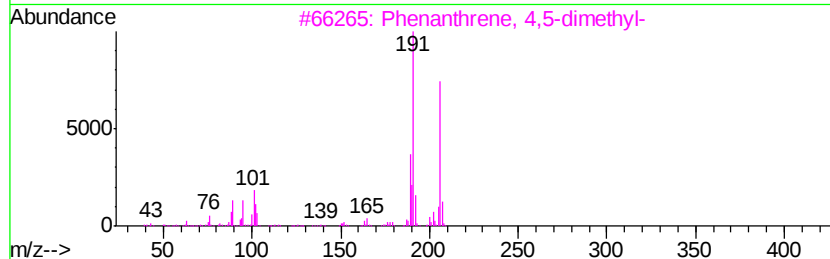
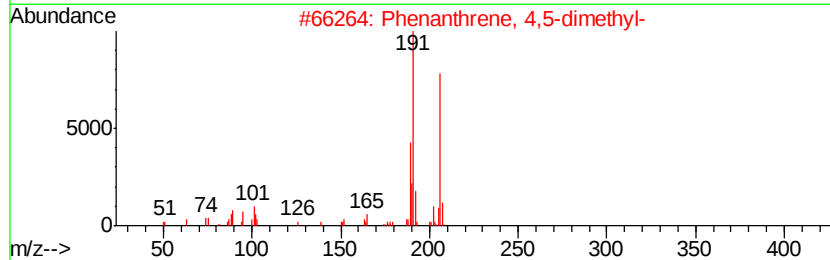
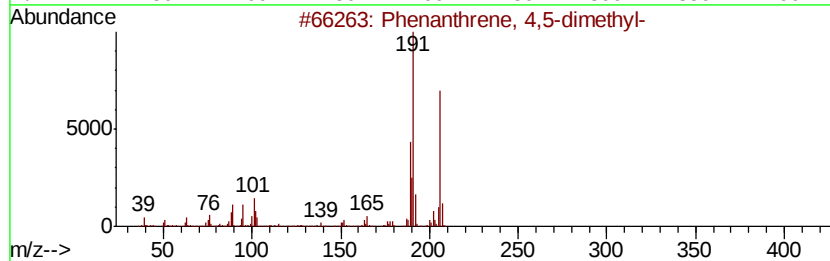
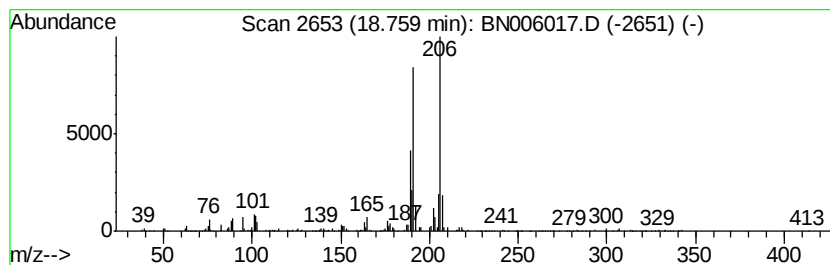
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	4.13 ng/ul	1351120	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
3		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

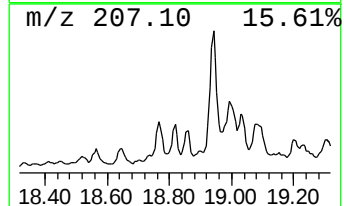
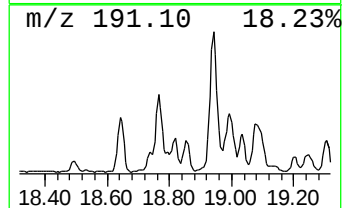
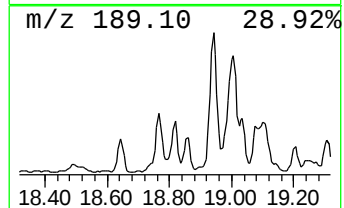
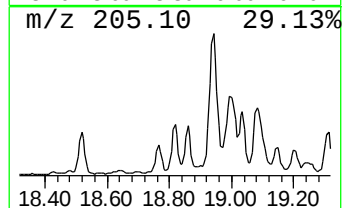
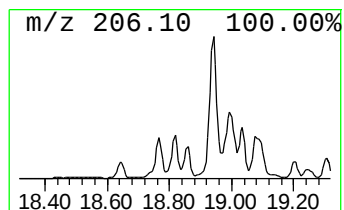
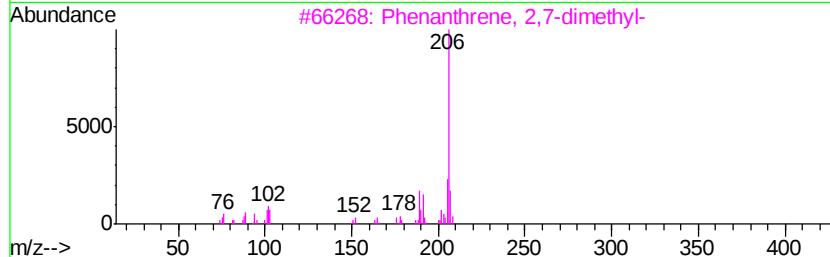
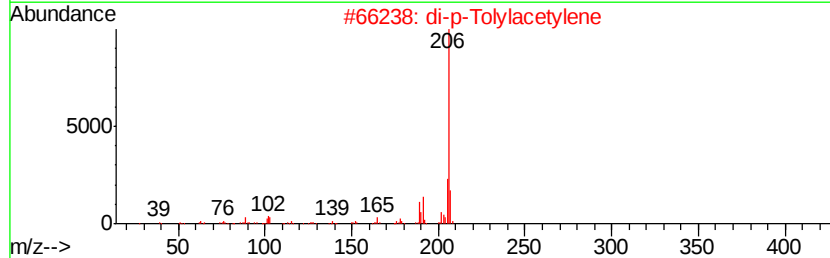
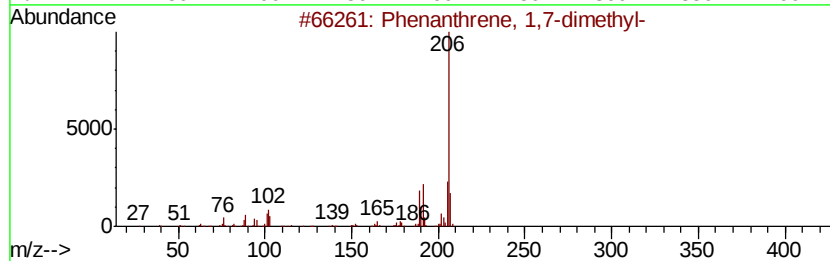
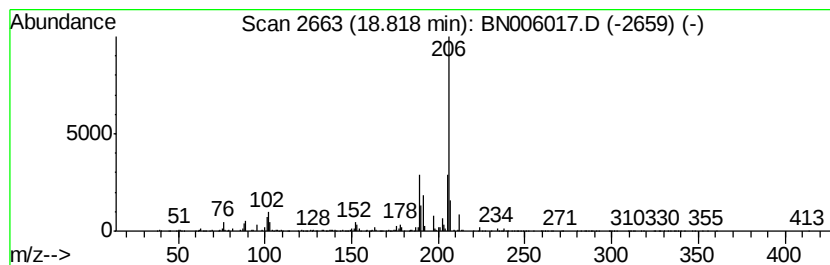
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Phenanthrene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.44 ng/ul	1123730	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	74
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	74
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

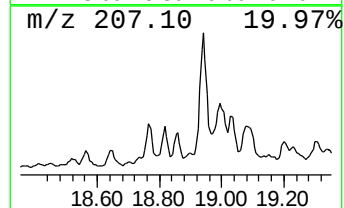
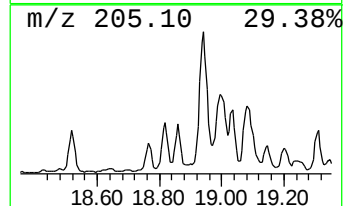
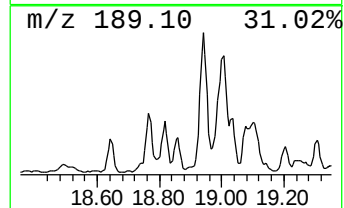
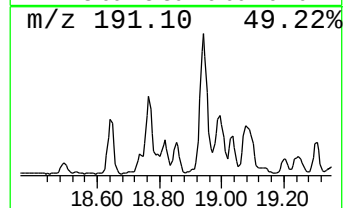
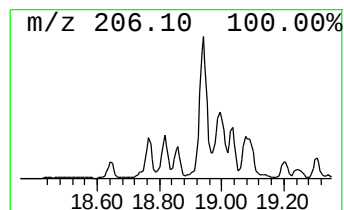
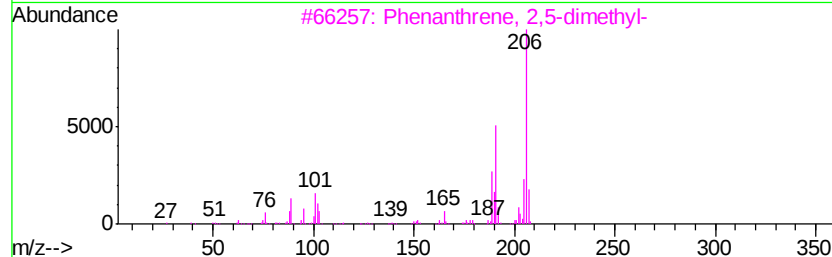
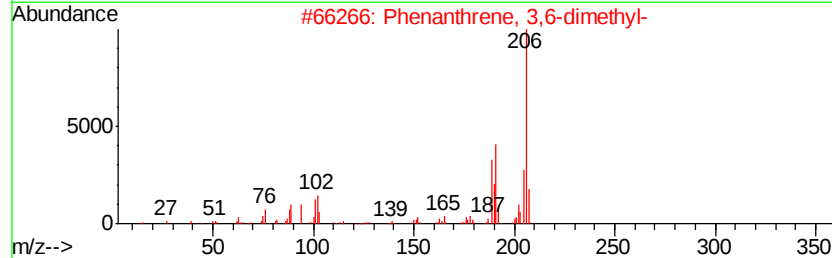
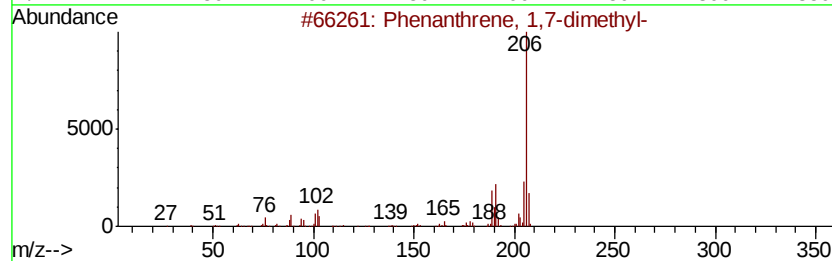
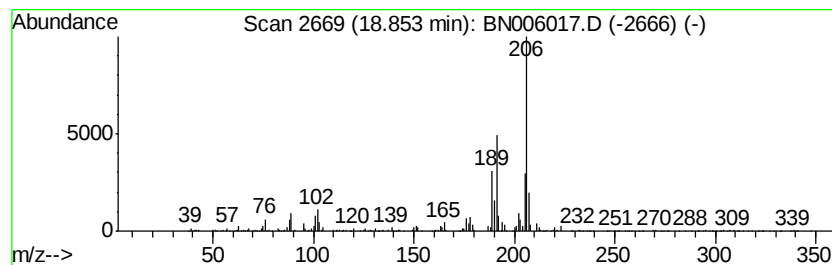
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	2.49 ng/ul	813751	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

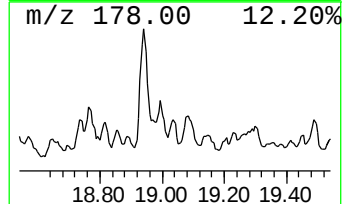
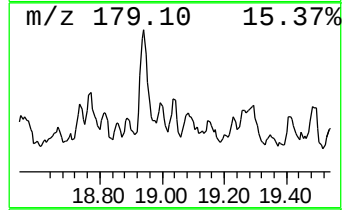
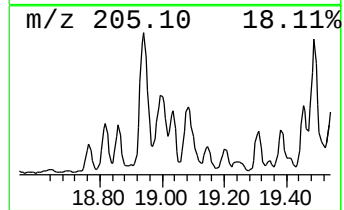
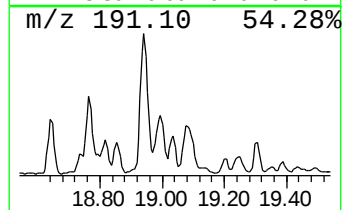
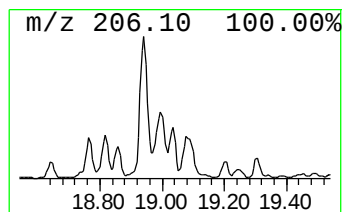
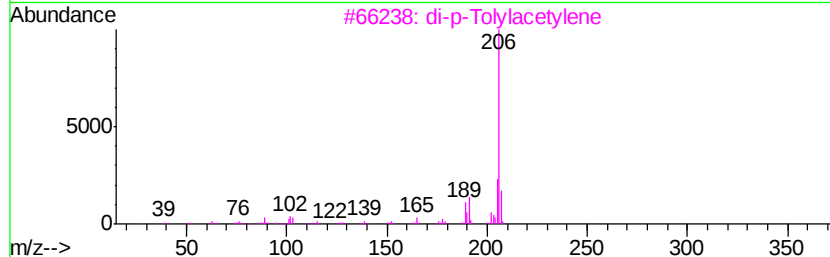
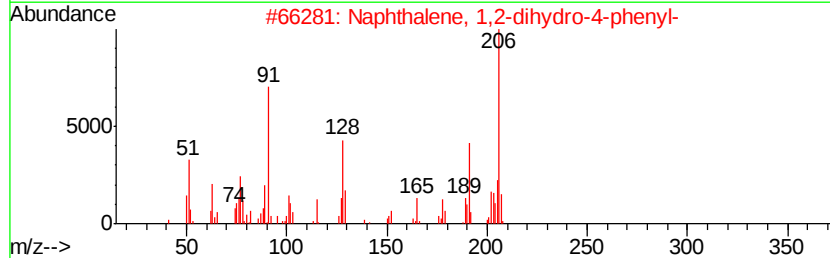
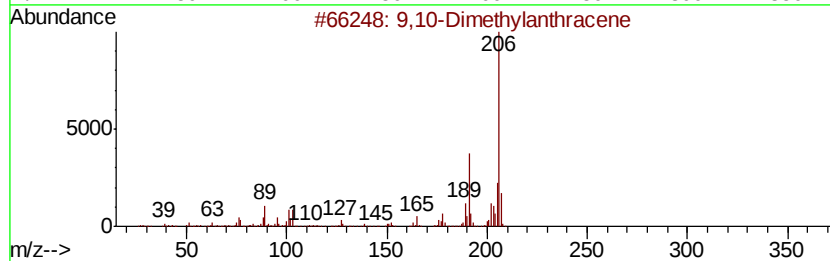
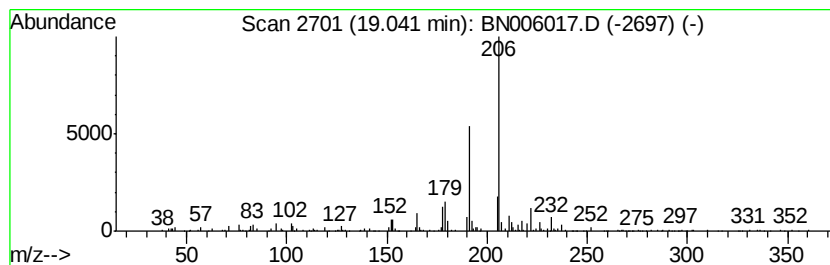
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 9,10-Dimethylantracene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	2.69 ng/ul	879490	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	83
2		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	80
3		di-p-Tolylacetvlene	206	C16H14	002789-88-0	64
4		Scoparone	206	C11H10O4	000120-08-1	64
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

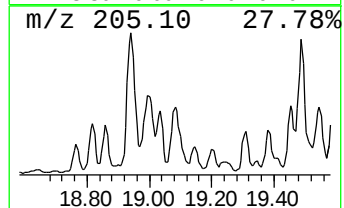
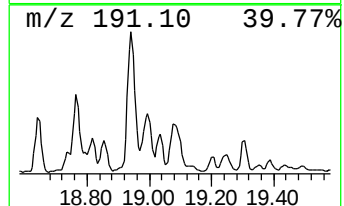
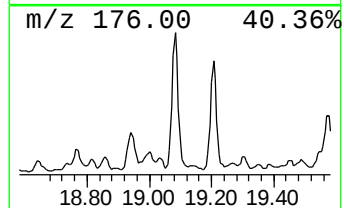
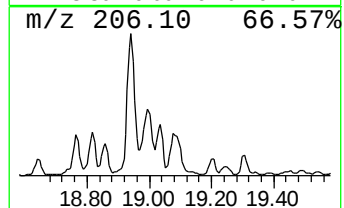
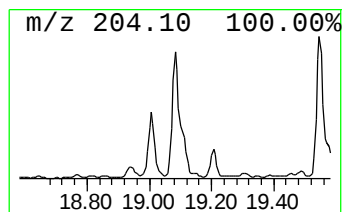
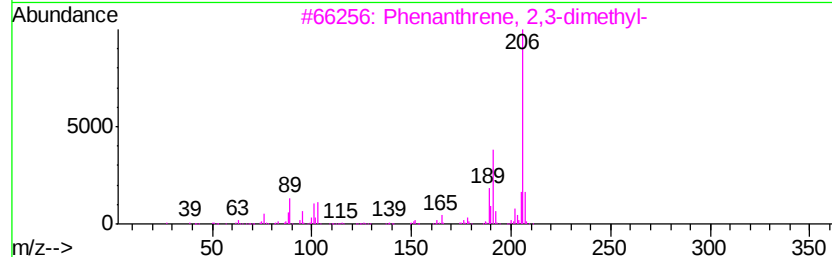
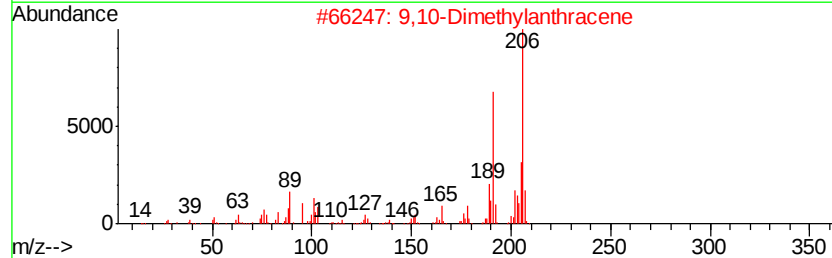
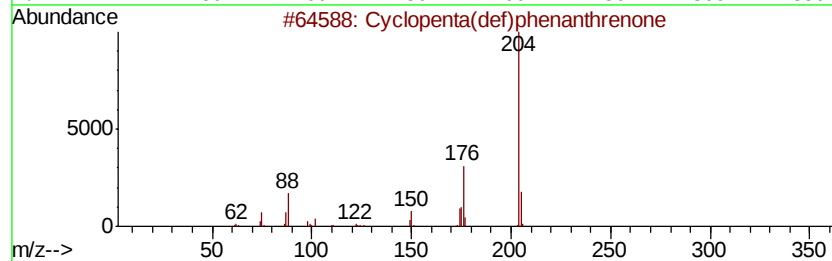
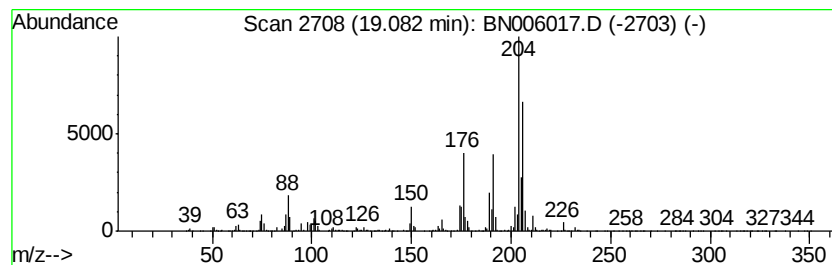
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	8.10 ng/ul	2645930	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	84
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50
4			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	46
5			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

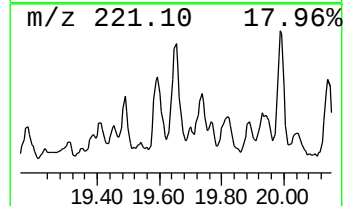
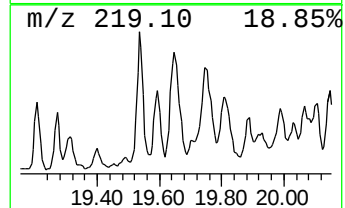
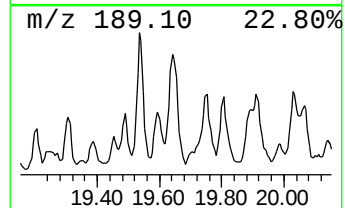
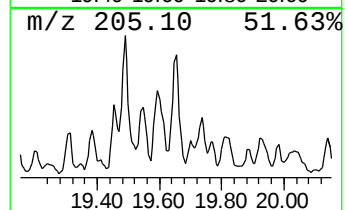
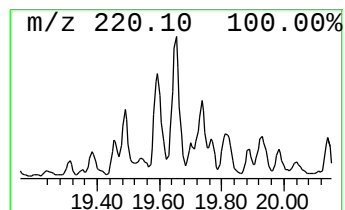
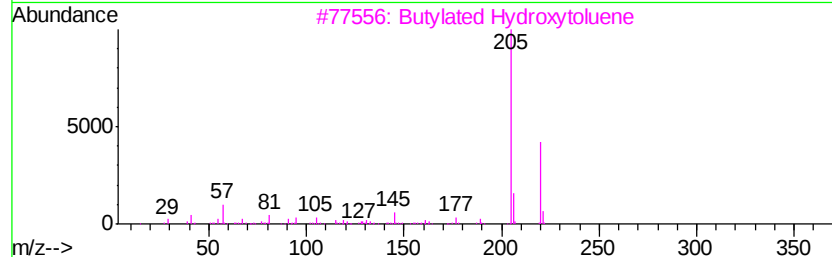
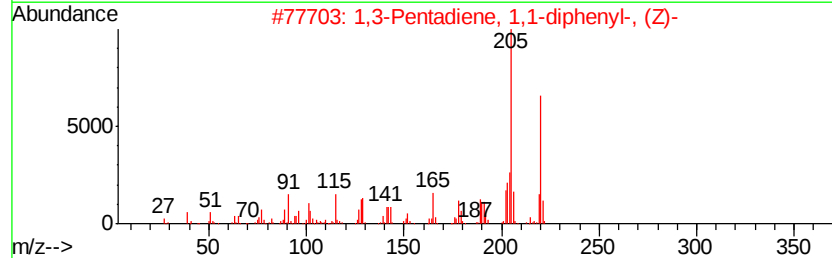
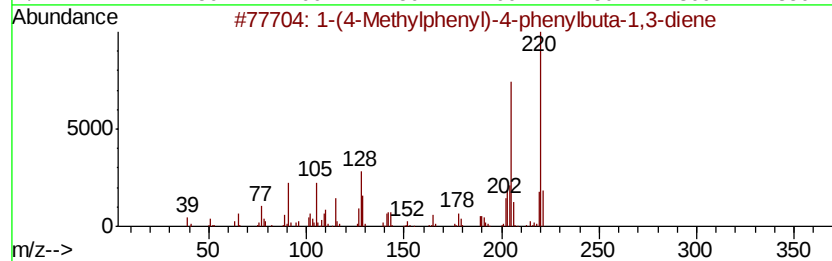
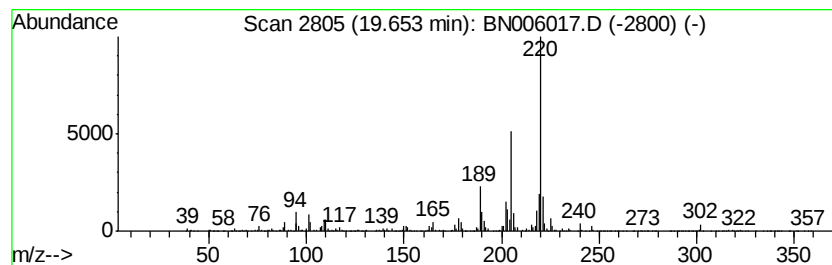
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 1-(4-Methylphenyl)-4-phenyl... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	2.82 ng/ul	1804260	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	64
2		1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	50
3		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	49
4		10-Methylanthracene-9-carboxalde...	220	C16H12O	007072-00-6	49
5		Xylazine	220	C12H16N2S	007361-61-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

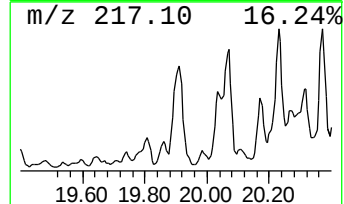
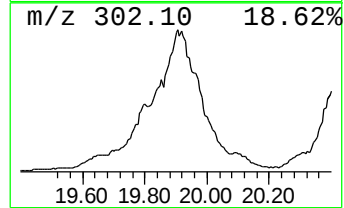
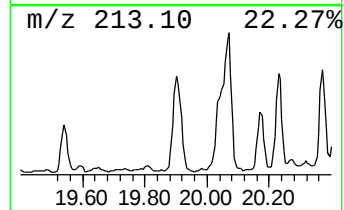
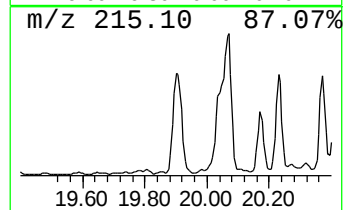
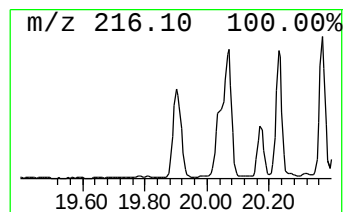
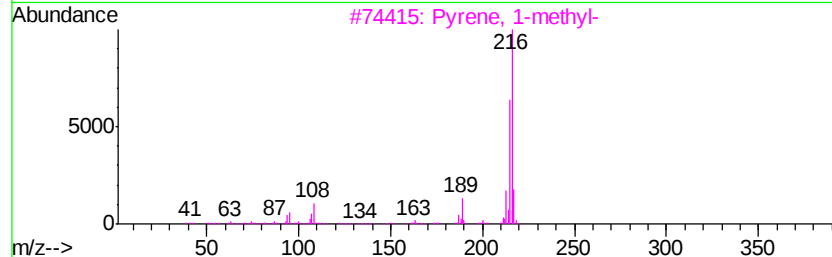
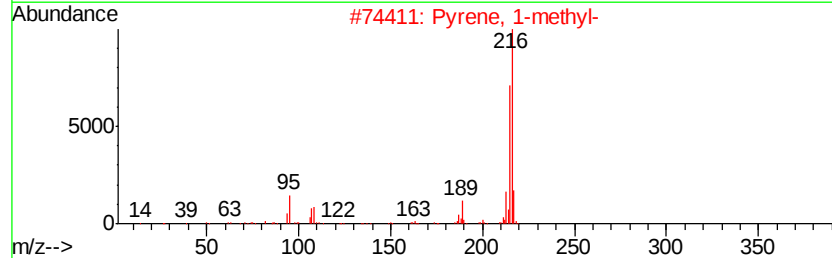
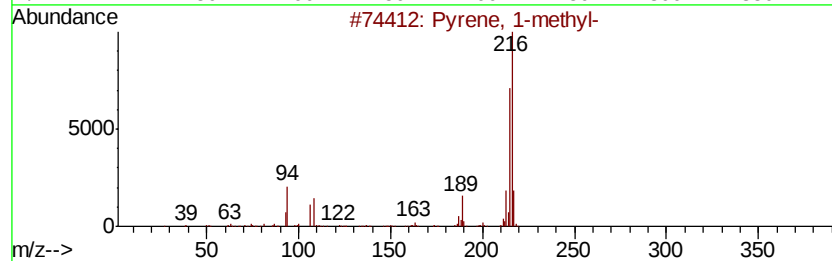
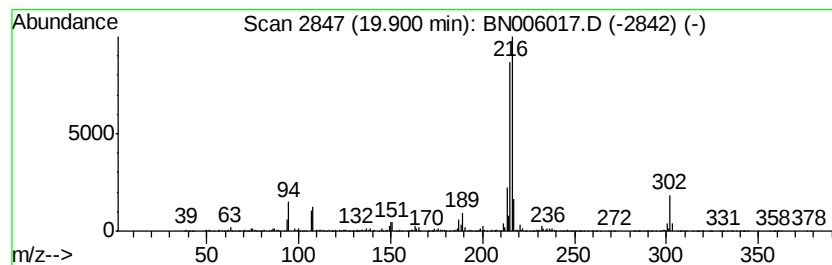
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	6.14 ng/ul	3926510	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

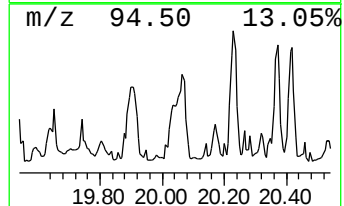
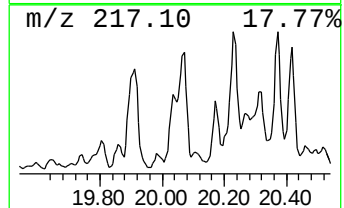
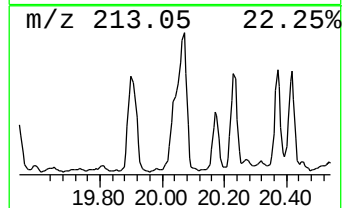
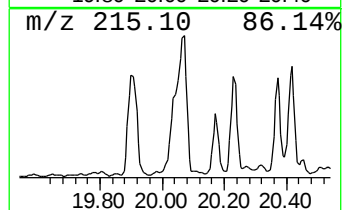
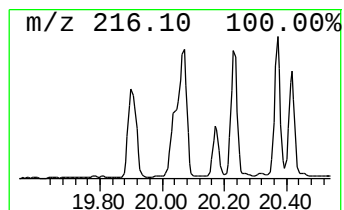
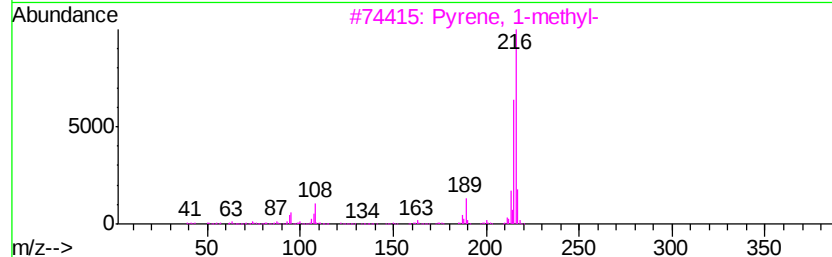
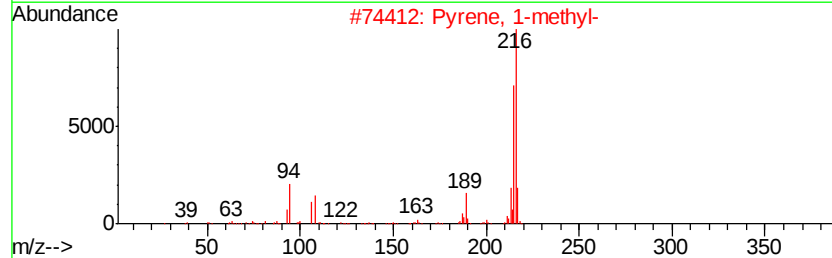
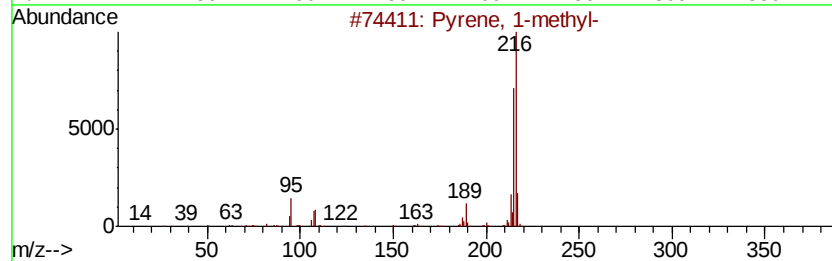
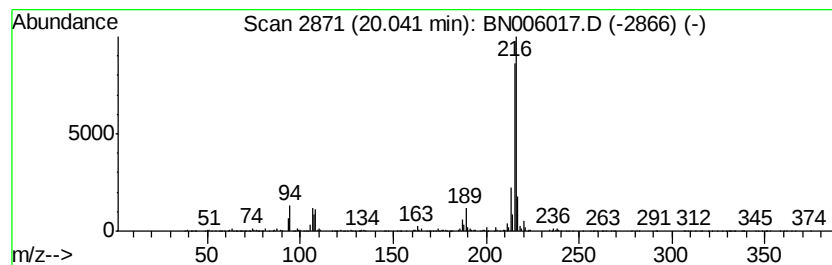
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 Pyrene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.31 ng/ul	1476150	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

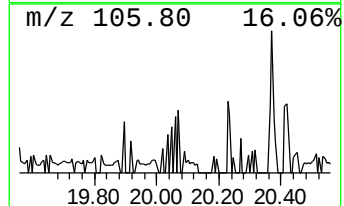
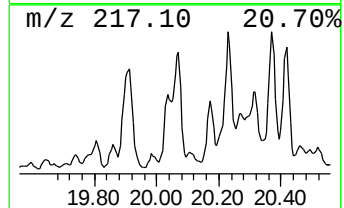
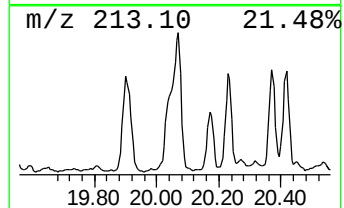
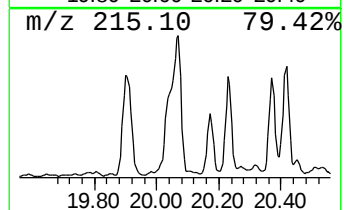
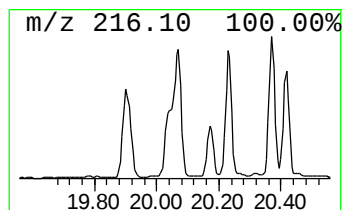
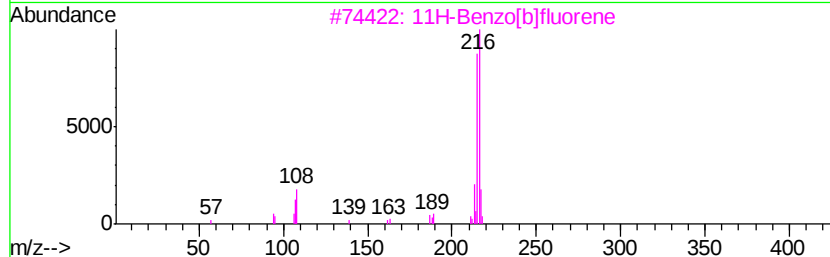
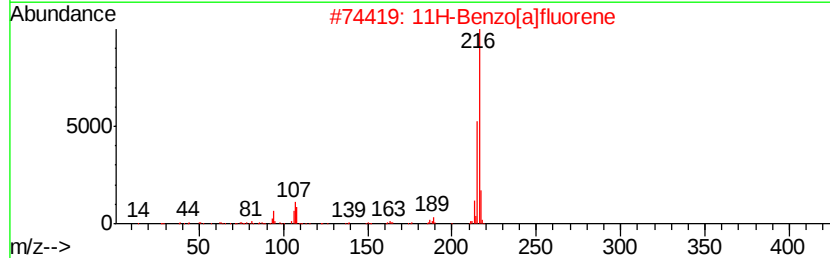
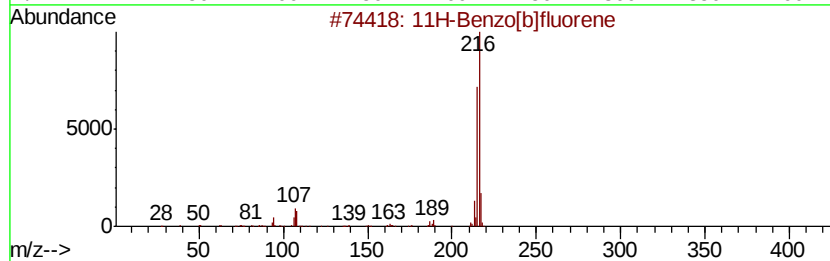
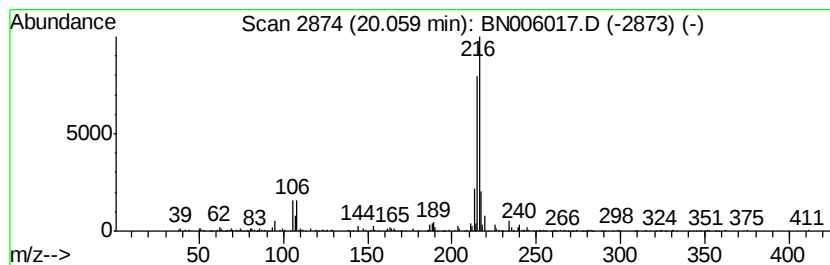
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	3.83 ng/u1	2449270	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

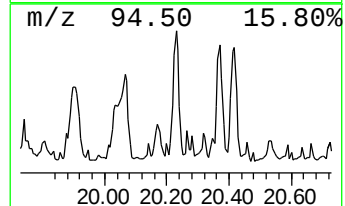
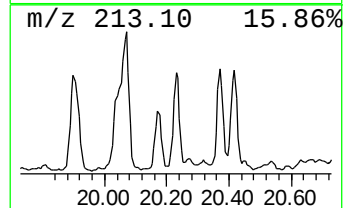
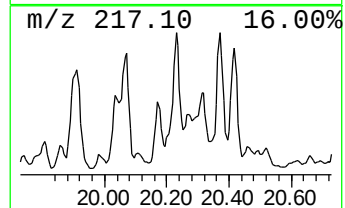
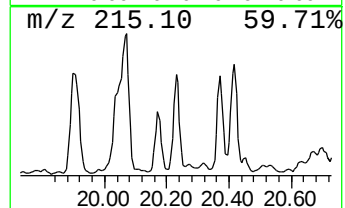
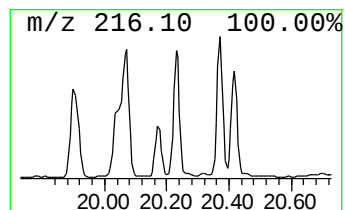
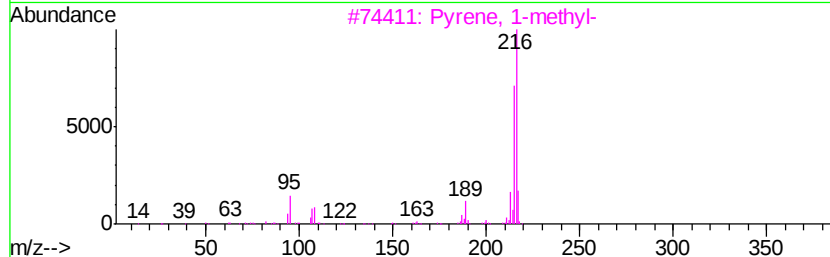
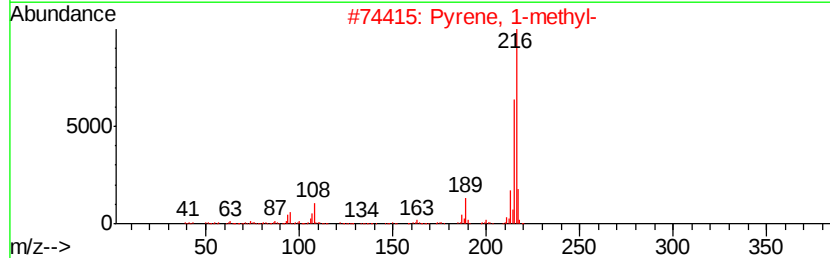
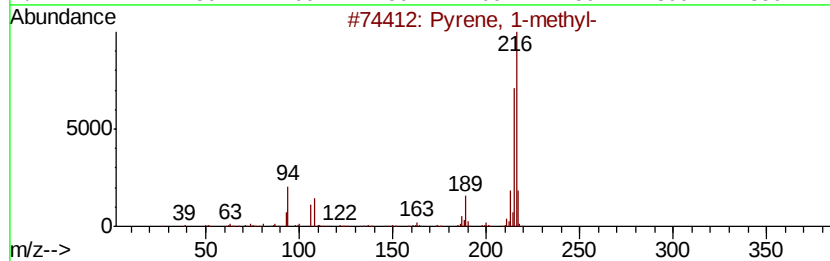
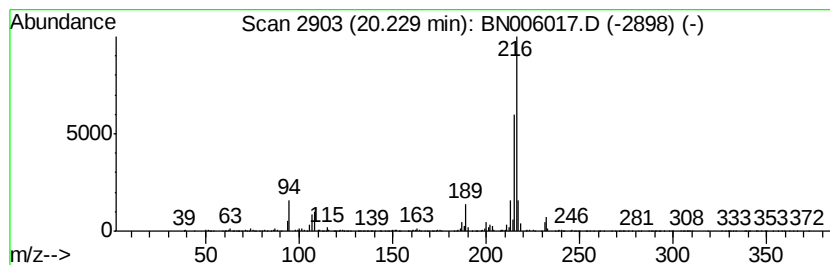
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	3.76 ng/ul	2401870	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pvrene, 1-methyl-	216	C17H12	002381-21-7	98
2		Pvrene, 1-methyl-	216	C17H12	002381-21-7	95
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	95
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	95
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

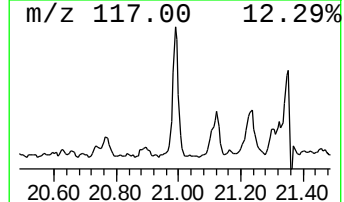
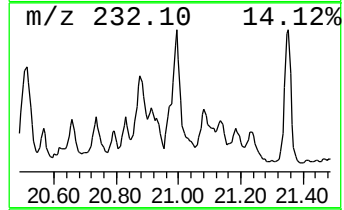
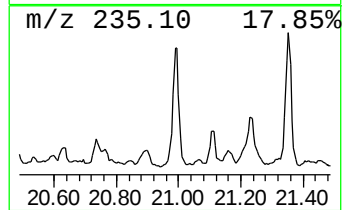
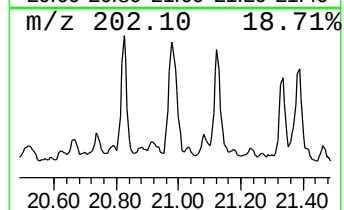
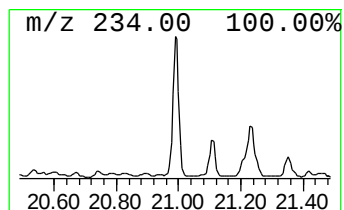
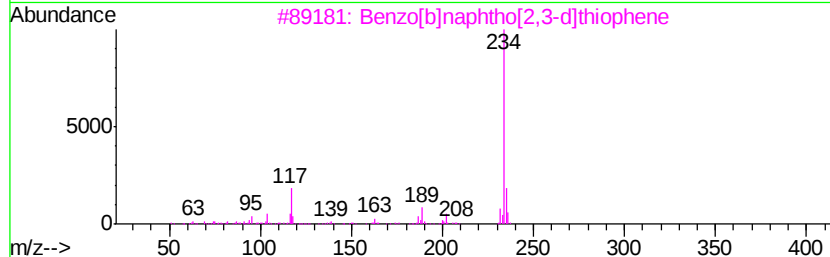
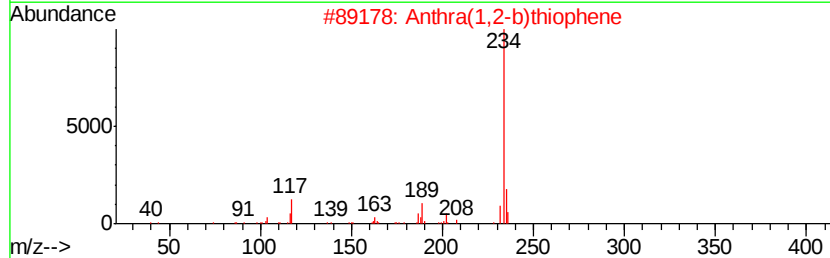
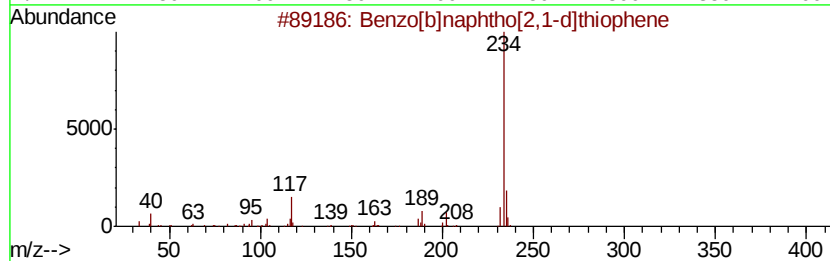
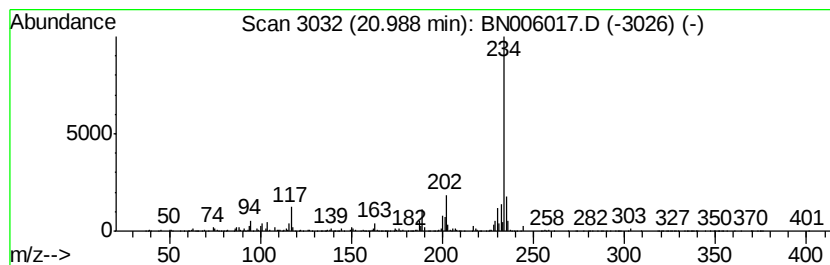
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.46 ng/u1	2215870	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	83
5		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

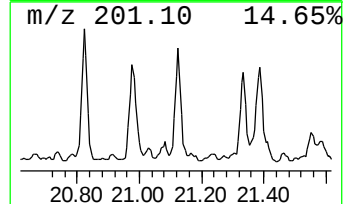
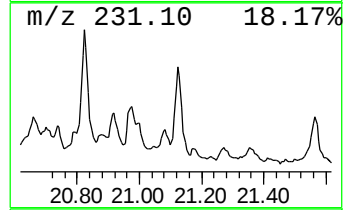
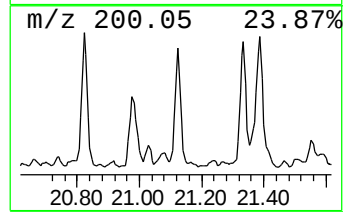
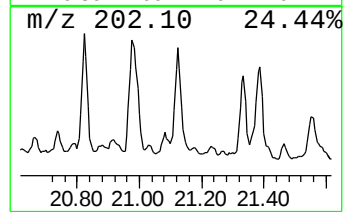
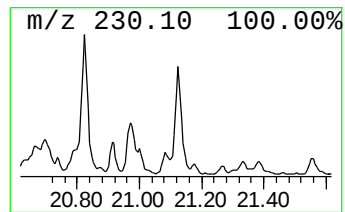
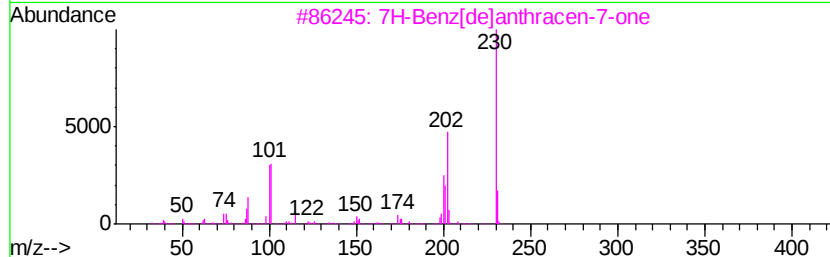
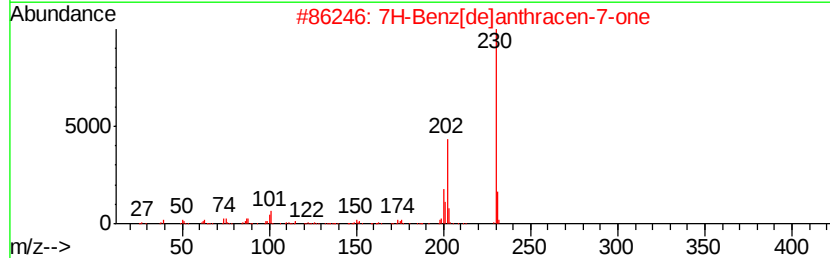
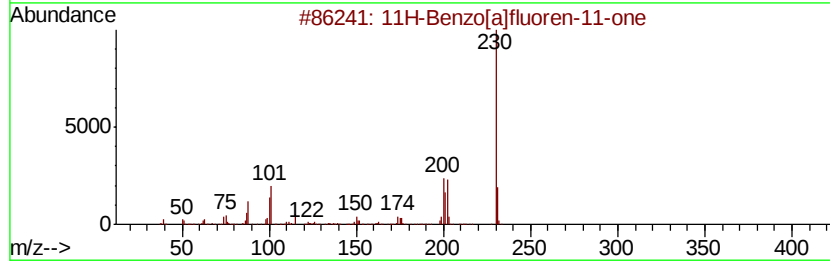
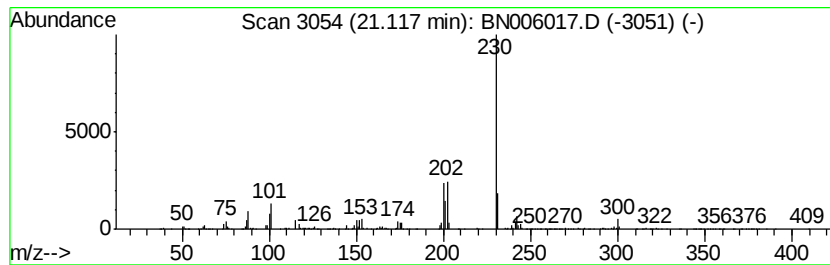
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 11H-Benzo[a]fluoren-11-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	2.22 ng/ul	1419640	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
5		4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

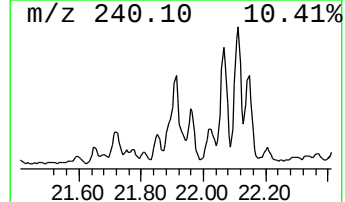
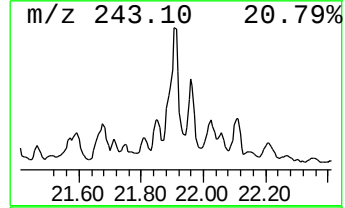
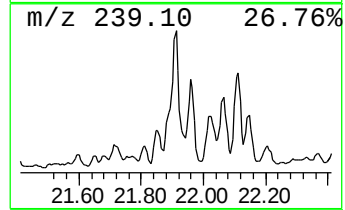
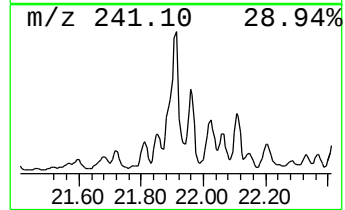
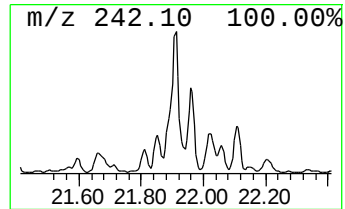
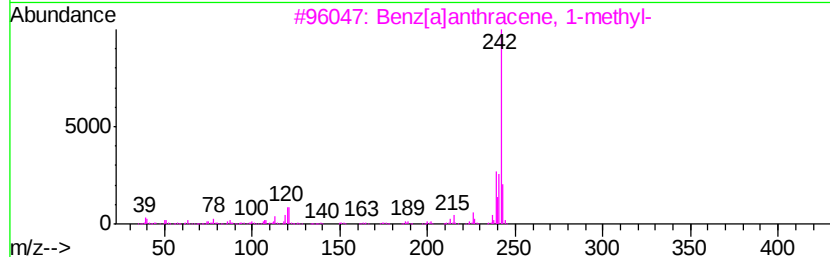
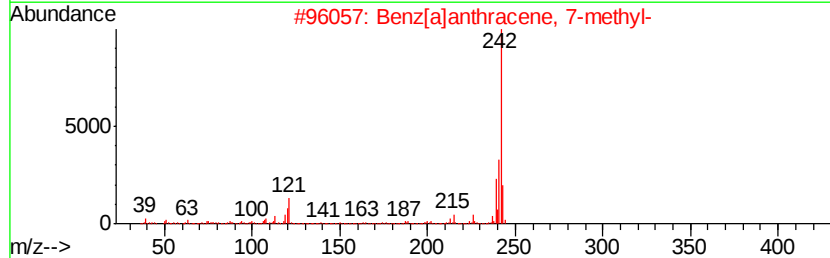
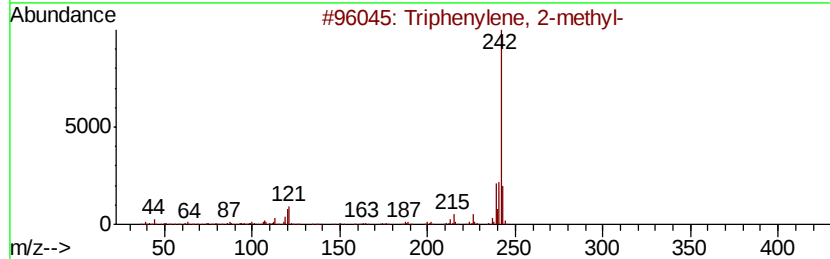
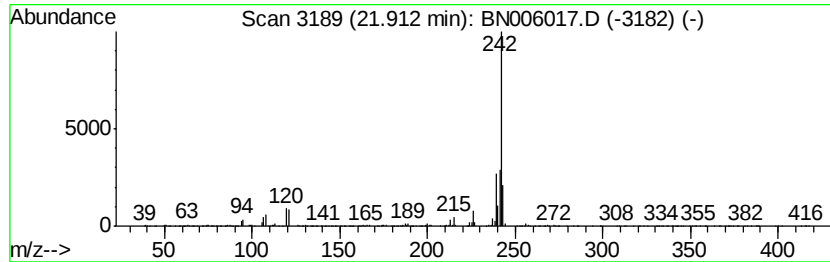
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 Triphenylene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	3.92 ng/ul	2505750	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
2		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
3		Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89
4		Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
5		Chrysene, 1-methyl-	242	C19H14	003351-28-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

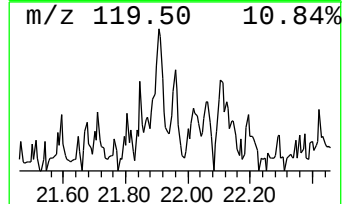
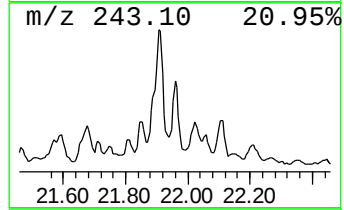
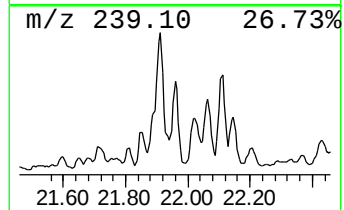
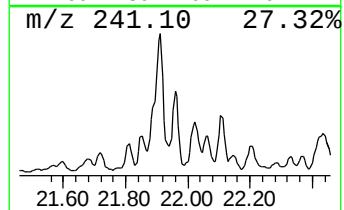
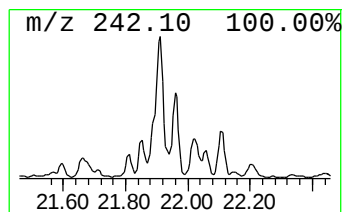
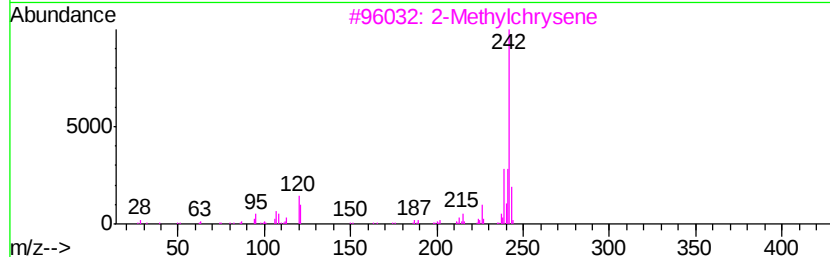
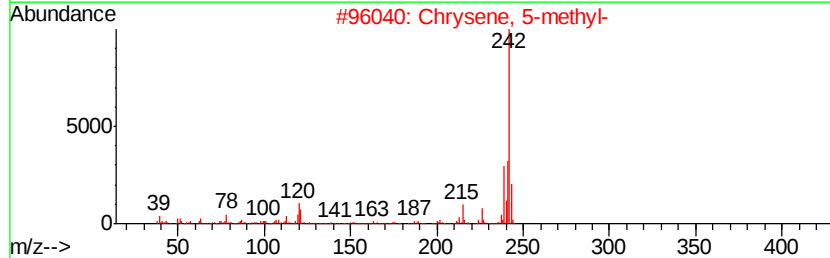
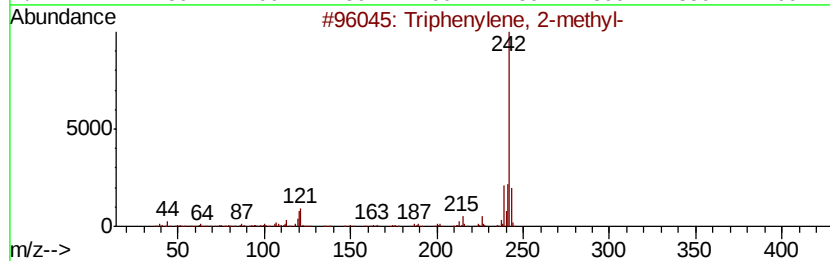
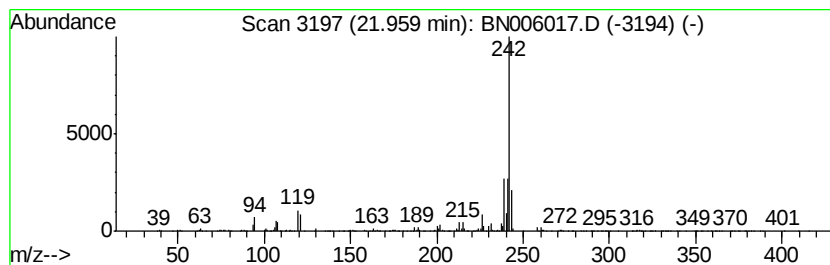
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 Chrysene, 5-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	2.44 ng/ul	1562730	Chrysene-d12	21.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
2			Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
3			2-Methylchrysene	242	C19H14	003351-32-4	89
4			Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86
5			Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C8DL

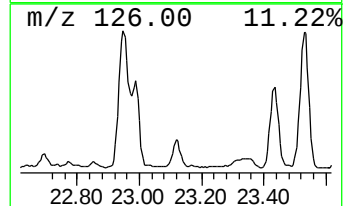
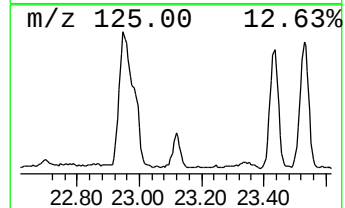
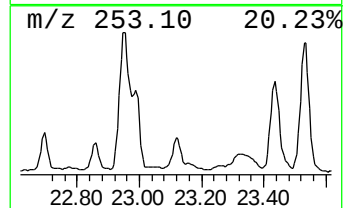
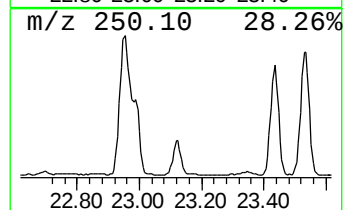
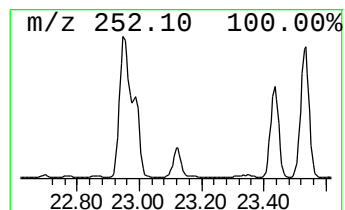
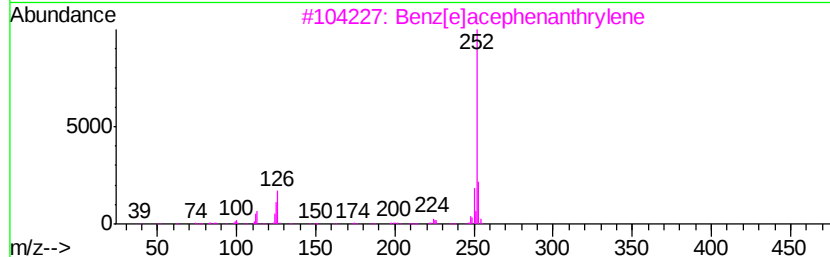
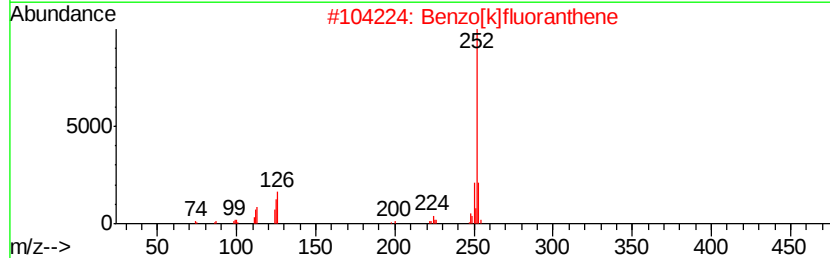
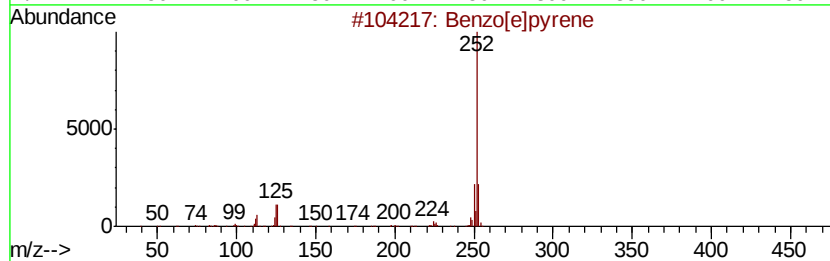
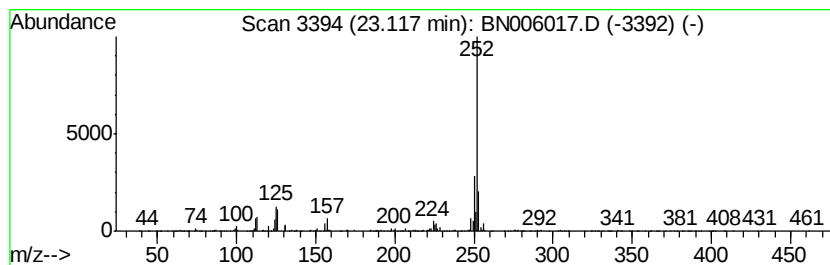
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	5.36 ng/ul	1111810	Perylene-d12	23.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	91
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	87
5		1,1'-Binaphthalene, 2,2'-dibromo-	410	C20H12Br2	074866-28-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060119\
 Data File : BN006017.D
 Acq On : 02 Jun 2019 06:06
 Operator : JU/SJ
 Sample : K2928-14DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42C8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.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
Chamazulene	16.11	2.0	ng/ul	661601	4	17.14	6536230	20.0
Dibenzothiophene,...	17.72	2.7	ng/ul	884883	4	17.14	6536230	20.0
Anthracene, 2-met...	18.01	6.6	ng/ul	2143890	4	17.14	6536230	20.0
Phenanthrene, 2-m...	18.06	8.8	ng/ul	2892450	4	17.14	6536230	20.0
Anthracene, 1-met...	18.14	4.5	ng/ul	1454390	4	17.14	6536230	20.0
1H-Cyclopropa[1]p...	18.21	14.5	ng/ul	4733430	4	17.14	6536230	20.0
Phenanthrene, 1-m...	18.25	6.6	ng/ul	2160960	4	17.14	6536230	20.0
2,7-Dimethyldiben...	18.41	2.1	ng/ul	674730	4	17.14	6536230	20.0
Naphthalene, 2-ph...	18.52	4.2	ng/ul	1374000	4	17.14	6536230	20.0
9,10-Anthracenedione	18.56	3.7	ng/ul	1218500	4	17.14	6536230	20.0
Phenanthrene, 4,5...	18.64	2.1	ng/ul	689376	4	17.14	6536230	20.0
Phenanthrene, 2,3...	18.76	4.1	ng/ul	1351120	4	17.14	6536230	20.0
Phenanthrene, 1,7...	18.82	3.4	ng/ul	1123730	4	17.14	6536230	20.0
Phenanthrene, 3,6...	18.85	2.5	ng/ul	813751	4	17.14	6536230	20.0
9,10-Dimethylanthe...	19.04	2.7	ng/ul	879490	4	17.14	6536230	20.0
Cyclopenta(def)ph...	19.08	8.1	ng/ul	2645930	4	17.14	6536230	20.0
1-(4-Methylphenyl)...	19.65	2.8	ng/ul	1804260	5	21.35	12791900	20.0
Pyrene, 1-methyl-	19.90	6.1	ng/ul	3926510	5	21.35	12791900	20.0
Pyrene, 2-methyl-	20.04	2.3	ng/ul	1476150	5	21.35	12791900	20.0
11H-Benzo[b]fluorene	20.06	3.8	ng/ul	2449270	5	21.35	12791900	20.0
Fluoranthene, 2-m...	20.23	3.8	ng/ul	2401870	5	21.35	12791900	20.0
Benzo[b]naphtho[2...	20.99	3.5	ng/ul	2215870	5	21.35	12791900	20.0
11H-Benzo[a]fluor...	21.12	2.2	ng/ul	1419640	5	21.35	12791900	20.0
Triphenylene, 2-m...	21.91	3.9	ng/ul	2505750	5	21.35	12791900	20.0
Chrysene, 5-methyl-	21.96	2.4	ng/ul	1562730	5	21.35	12791900	20.0
Benzo[e]pyrene	23.12	5.4	ng/ul	1111810	6	23.64	4148240	20.0