

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120617\
 Data File : BM013231.D
 Acq On : 07 Dec 2017 04:05
 Operator : SJ/JU
 Sample : I6647-11 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0279

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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	6.875	639	644	658	rVB2	230312	432779	8.68%	0.787%
2	7.040	666	672	679	rVB	174101	265483	5.32%	0.483%
3	7.234	699	705	712	rVB	251484	391485	7.85%	0.712%
4	7.698	777	784	793	rBV	1080169	1717986	34.46%	3.125%
5	8.404	898	904	913	rVB2	293093	484115	9.71%	0.881%
6	8.851	974	980	989	rVB2	235601	390105	7.82%	0.710%
7	9.569	1093	1102	1110	rBV	196565	329261	6.60%	0.599%
8	10.104	1183	1193	1204	rBV	322459	556471	11.16%	1.012%
9	10.480	1249	1257	1265	rBV	1544166	2578505	51.72%	4.690%
10	10.622	1272	1281	1294	rBV	242961	439981	8.82%	0.800%
11	12.151	1535	1541	1546	rVB2	48203	76337	1.53%	0.139%
12	12.369	1571	1578	1585	rBV2	56687	94159	1.89%	0.171%
13	13.169	1708	1714	1721	rBV2	44813	63889	1.28%	0.116%
14	13.369	1742	1748	1751	rBV5	37895	64717	1.30%	0.118%
15	13.516	1766	1773	1777	rBV7	24237	58462	1.17%	0.106%
16	13.663	1791	1798	1803	rBV2	69727	120146	2.41%	0.219%
17	13.751	1809	1813	1818	rVV	562118	783804	15.72%	1.426%
18	13.798	1818	1821	1827	rVB	132956	181032	3.63%	0.329%
19	13.898	1830	1838	1841	rBV2	44563	70146	1.41%	0.128%
20	14.033	1853	1861	1871	rVB	665909	1064048	21.34%	1.935%
21	14.251	1892	1898	1902	rVB2	35100	51162	1.03%	0.093%
22	14.339	1902	1913	1920	rBV2	2224320	3568998	71.58%	6.492%
23	14.404	1920	1924	1933	rVB	257371	393467	7.89%	0.716%
24	14.557	1943	1950	1958	rBV	205361	405929	8.14%	0.738%
25	14.651	1958	1966	1970	rVB3	53862	108211	2.17%	0.197%
26	14.739	1977	1981	1989	rVB2	89155	160709	3.22%	0.292%
27	14.963	2012	2019	2024	rBV6	28243	52468	1.05%	0.095%
28	15.139	2041	2049	2051	rBV4	23928	52761	1.06%	0.096%
29	15.204	2057	2060	2064	rVB2	44159	53161	1.07%	0.097%
30	15.333	2077	2082	2087	rBV	809270	1165721	23.38%	2.120%
31	15.392	2087	2092	2096	rVB	314080	437552	8.78%	0.796%
32	15.457	2098	2103	2106	rBV4	99606	158008	3.17%	0.287%
33	15.515	2110	2113	2116	rVV3	95617	119194	2.39%	0.217%
34	15.551	2116	2119	2125	rVB3	152465	218295	4.38%	0.397%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120617\
 Data File : BM013231.D
 Acq On : 07 Dec 2017 04:05
 Operator : SJ/JU
 Sample : I6647-11 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0279

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Title : SVOA CALIBRATION

35	15.604	2125	2128	2132	rBV3	46870	73795	1.48%	0.134%
36	15.768	2150	2156	2160	rBV4	26707	57861	1.16%	0.105%
37	15.939	2181	2185	2189	rVB3	44596	69393	1.39%	0.126%
38	16.068	2203	2207	2215	rVB5	73733	123712	2.48%	0.225%
39	16.198	2220	2229	2232	rBV6	26891	55222	1.11%	0.100%
40	16.374	2252	2259	2266	rBV5	127819	309928	6.22%	0.564%
41	16.445	2266	2271	2278	rBV3	135091	251658	5.05%	0.458%
42	16.545	2285	2288	2293	rVB3	69623	96528	1.94%	0.176%
43	16.598	2293	2297	2303	rBV6	54071	90731	1.82%	0.165%
44	16.657	2303	2307	2312	rVB3	77231	126258	2.53%	0.230%
45	16.745	2316	2322	2328	rVB	150900	244450	4.90%	0.445%
46	16.857	2332	2341	2346	rBV9	74955	180949	3.63%	0.329%
47	16.904	2346	2349	2353	rBV2	61395	86291	1.73%	0.157%
48	17.086	2374	2380	2384	rBV2	2768780	4110510	82.45%	7.477%
49	17.133	2384	2388	2392	rVB	2052461	2766891	55.50%	5.033%
50	17.186	2392	2397	2401	rBV	877897	1191260	23.89%	2.167%
51	17.280	2408	2413	2418	rBV	74643	150803	3.02%	0.274%
52	17.398	2431	2433	2438	rVB3	53611	60898	1.22%	0.111%
53	17.492	2445	2449	2455	rVB	164199	235448	4.72%	0.428%
54	17.609	2464	2469	2473	rBV2	77443	118541	2.38%	0.216%
55	17.668	2476	2479	2484	rVB5	47804	68172	1.37%	0.124%
56	17.962	2524	2529	2532	rVV	327021	485385	9.74%	0.883%
57	18.009	2532	2537	2542	rVB	389229	666610	13.37%	1.213%
58	18.092	2547	2551	2556	rVV3	92536	165290	3.32%	0.301%
59	18.151	2556	2561	2566	rVV2	513245	952402	19.10%	1.732%
60	18.192	2566	2568	2576	rVB	246689	314398	6.31%	0.572%
61	18.468	2611	2615	2618	rBV	191625	259693	5.21%	0.472%
62	18.503	2618	2621	2627	rVB	354196	483681	9.70%	0.880%
63	18.592	2633	2636	2643	rVB4	83658	119077	2.39%	0.217%
64	18.686	2648	2652	2654	rBV5	69865	112051	2.25%	0.204%
65	18.715	2654	2657	2662	rVV4	89938	111646	2.24%	0.203%
66	18.803	2668	2672	2676	rBV4	51508	68773	1.38%	0.125%
67	18.886	2681	2686	2690	rBV2	255326	416296	8.35%	0.757%
68	18.933	2691	2694	2695	rBV3	84079	87032	1.75%	0.158%
69	19.021	2705	2709	2718	rBV5	157986	353381	7.09%	0.643%
70	19.151	2725	2731	2736	rVB	2494581	3296634	66.12%	5.997%
71	19.274	2750	2752	2759	rVB8	108232	142224	2.85%	0.259%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120617\
 Data File : BM013231.D
 Acq On : 07 Dec 2017 04:05
 Operator : SJ/JU
 Sample : I6647-11 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0279

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Title : SVOA CALIBRATION

72	19.350	2762	2765	2768	rVB4	80759	105066	2.11%	0.191%
73	19.486	2782	2788	2790	rBV2	1312491	2036526	40.85%	3.704%
74	19.509	2790	2792	2801	rVV	2228744	2892990	58.03%	5.262%
75	19.586	2802	2805	2811	rVB4	103484	186696	3.74%	0.340%
76	19.686	2819	2822	2829	rBV	90888	154464	3.10%	0.281%
77	19.750	2830	2833	2839	rVB3	121394	200324	4.02%	0.364%
78	19.839	2843	2848	2854	rBV5	170904	392725	7.88%	0.714%
79	20.009	2873	2877	2881	rVB	293229	405102	8.13%	0.737%
80	20.109	2891	2894	2898	rVB	203556	225716	4.53%	0.411%
81	20.168	2901	2904	2907	rVB	252105	295336	5.92%	0.537%
82	20.303	2924	2927	2931	rBV	285056	364821	7.32%	0.664%
83	20.350	2931	2935	2939	rVV	253367	343569	6.89%	0.625%
84	20.756	3001	3004	3011	rVB	192259	273004	5.48%	0.497%
85	21.003	3042	3046	3050	rBV3	300457	474191	9.51%	0.863%
86	21.274	3086	3092	3096	rBV2	3163020	4985724	100.00%	9.069%
87	21.309	3096	3098	3104	rVB	912360	1104943	22.16%	2.010%
88	22.839	3353	3358	3364	rBV	677481	1462959	29.34%	2.661%
89	23.315	3435	3439	3443	rBV	314968	481551	9.66%	0.876%
90	23.362	3444	3447	3451	rVV	309548	455663	9.14%	0.829%
91	23.509	3466	3472	3477	rVB	1417401	2521800	50.58%	4.587%

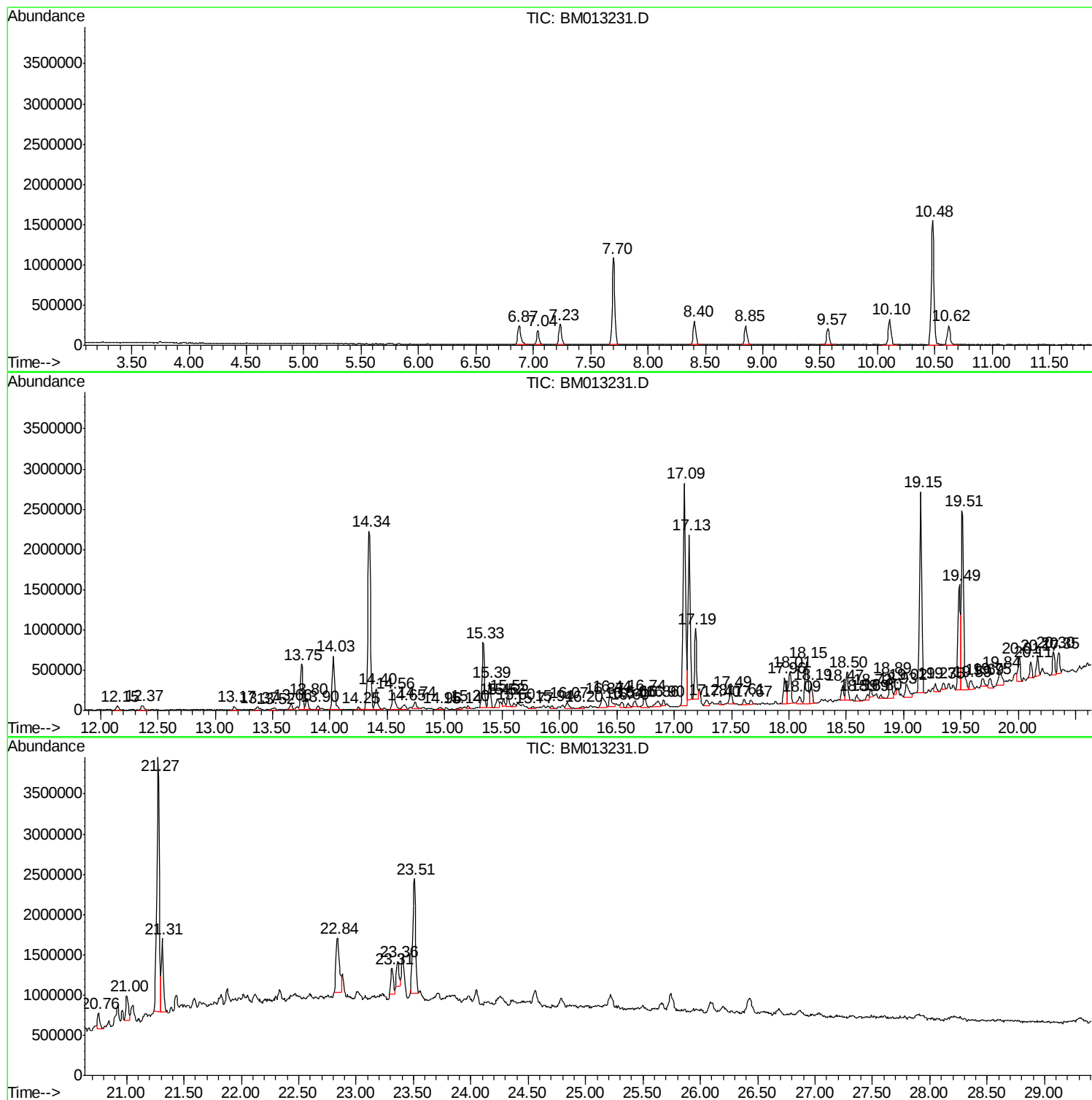
Sum of corrected areas: 54975589

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013231.D
Acq On : 07 Dec 2017 04:05
Operator : SJ/JU
Sample : I6647-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0279

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013231.D
Acq On : 07 Dec 2017 04:05
Operator : SJ/JU
Sample : I6647-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

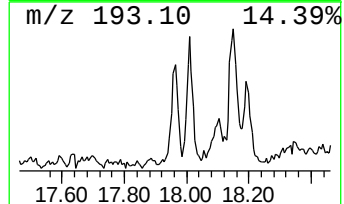
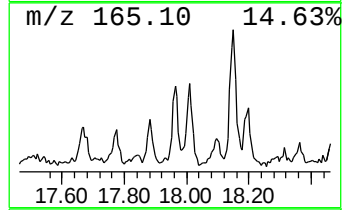
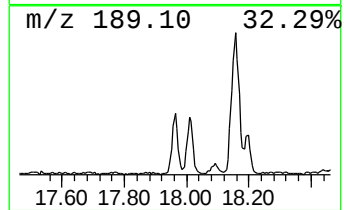
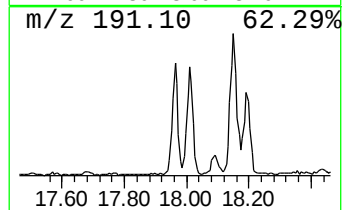
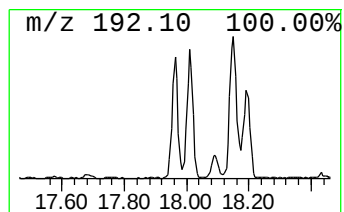
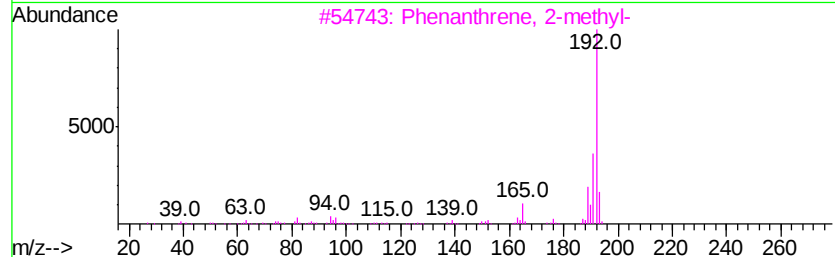
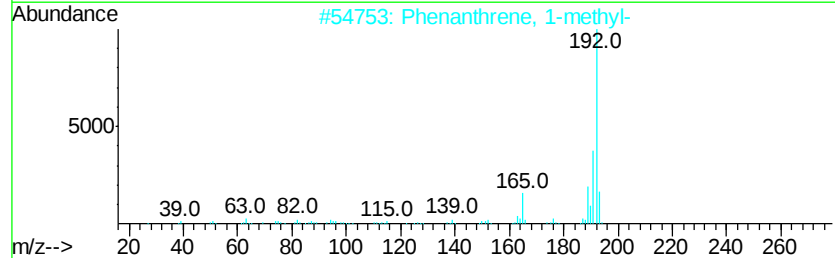
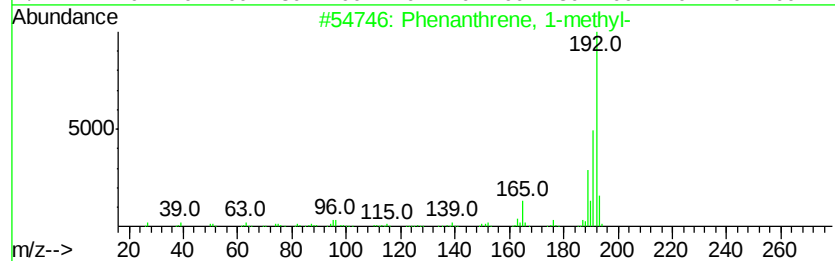
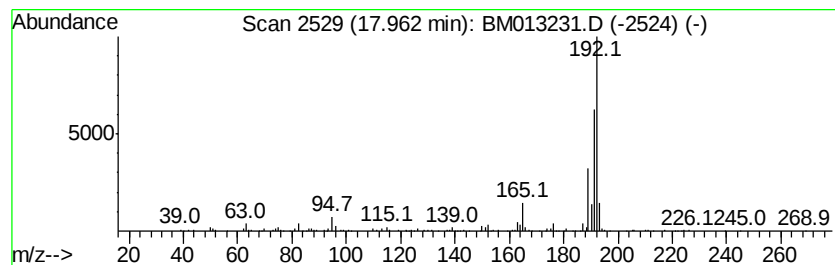
Instrument :
BNA_M
ClientSampleId :
C0279

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.96	2.36 ng/ul	485385	Phenanthrene-d10	17.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96	
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95	
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94	
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93	
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93	



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013231.D
Acq On : 07 Dec 2017 04:05
Operator : SJ/JU
Sample : I6647-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0279

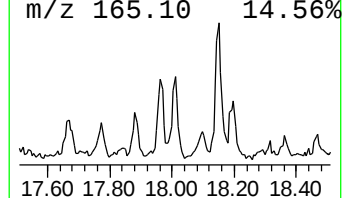
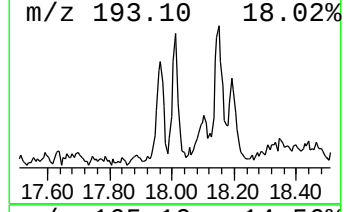
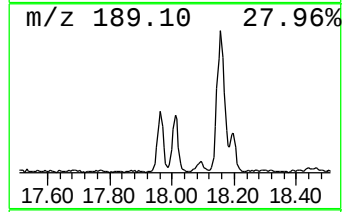
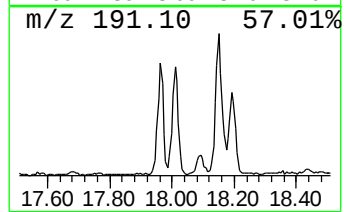
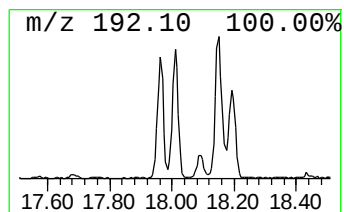
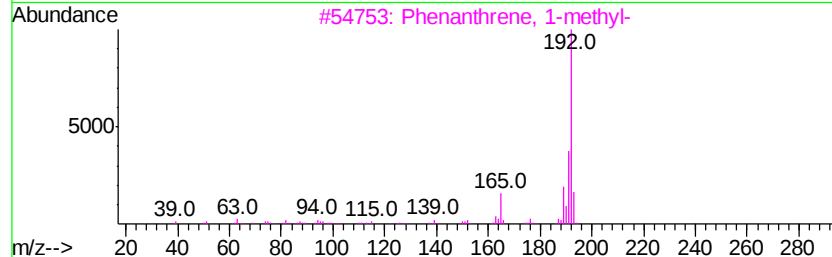
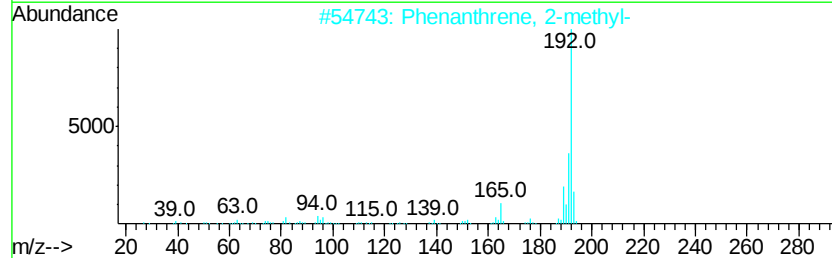
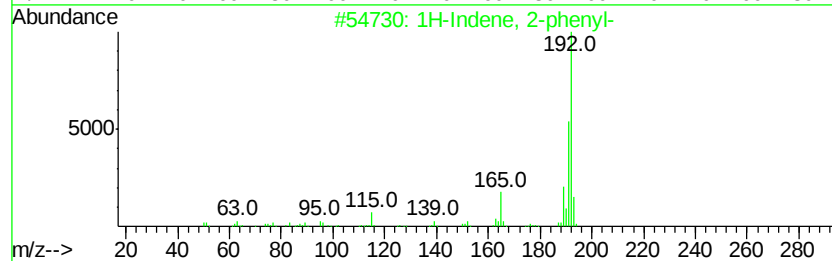
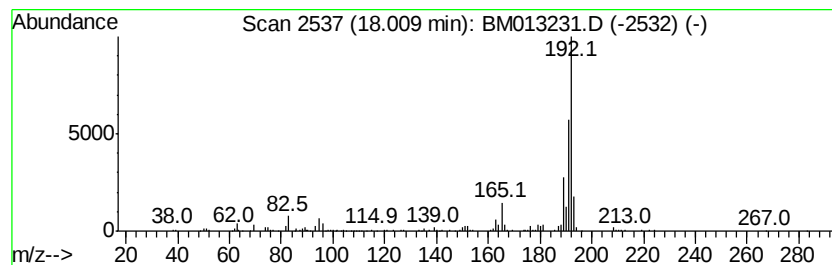
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1H-Indene, 2-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	3.24 ng/ul	666610	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013231.D
Acq On : 07 Dec 2017 04:05
Operator : SJ/JU
Sample : I6647-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

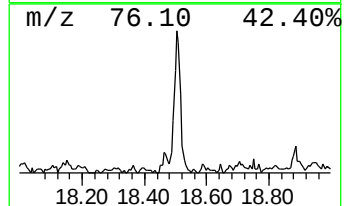
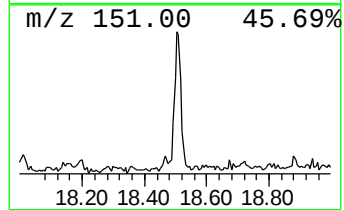
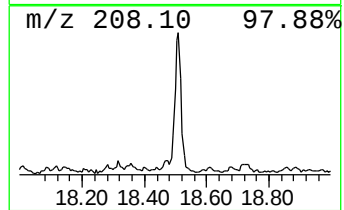
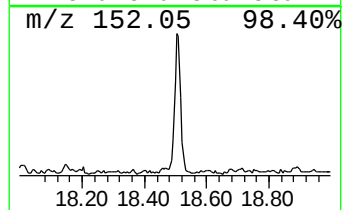
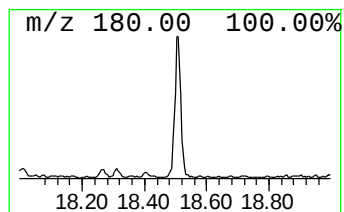
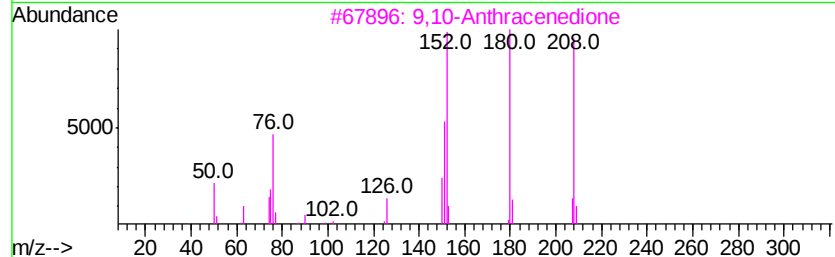
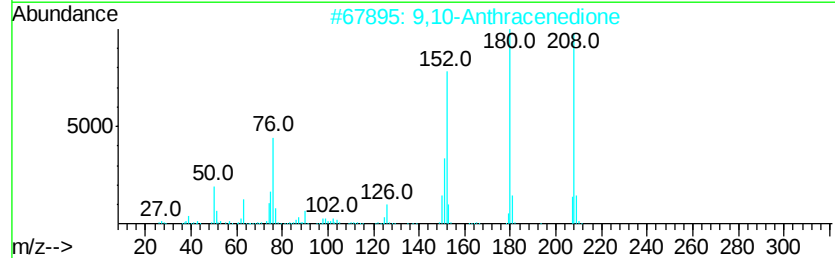
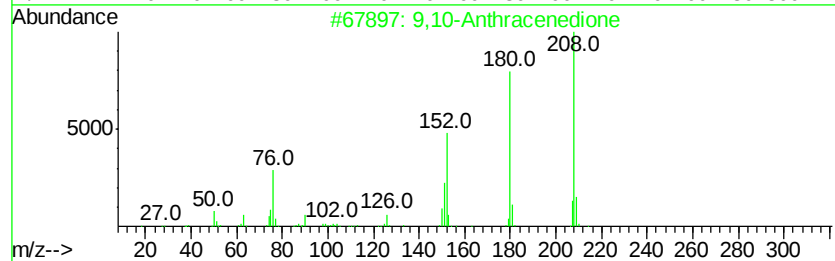
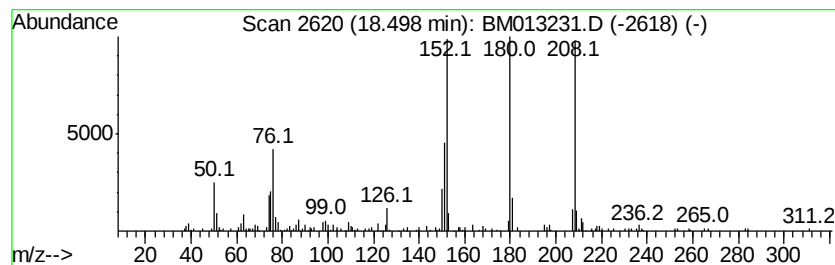
Instrument :
BNA_M
ClientSampleId :
C0279

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.50	2.35 ng/ul	483681	Phenanthrene-d10	17.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	81
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013231.D
Acq On : 07 Dec 2017 04:05
Operator : SJ/JU
Sample : I6647-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0279

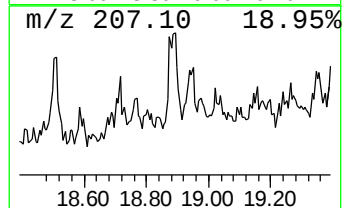
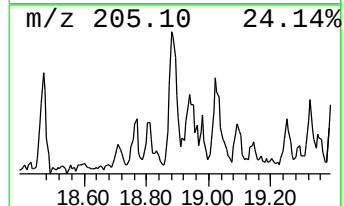
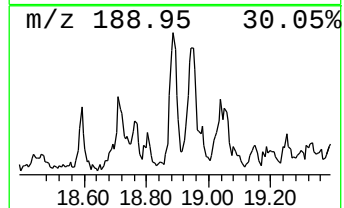
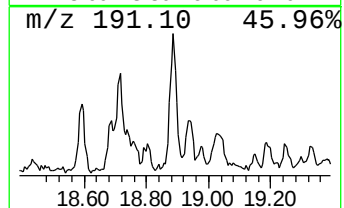
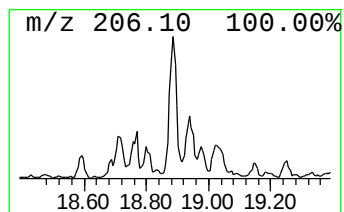
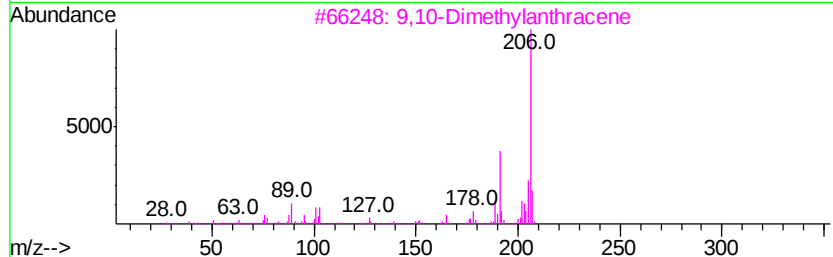
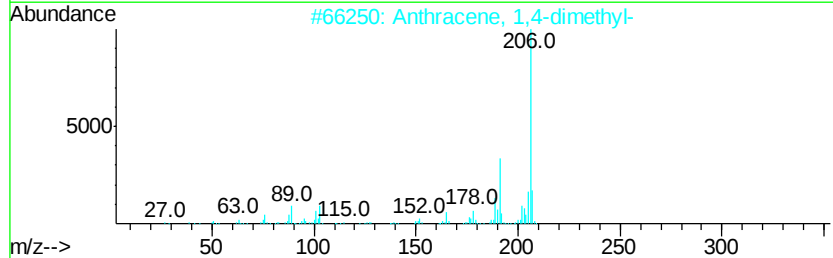
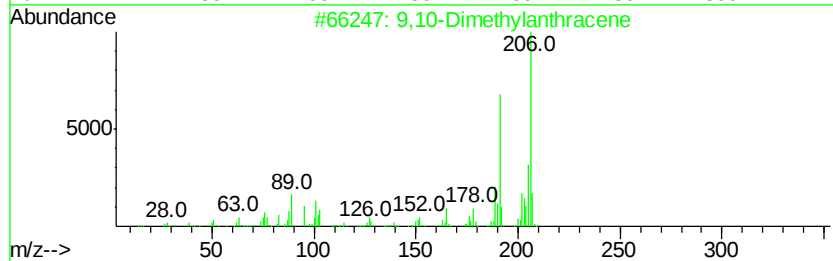
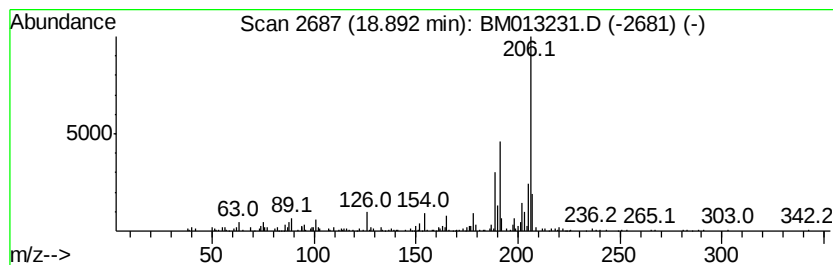
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 9,10-Dimethylantracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	2.03 ng/ul	416296	Phenanthrene-d10	17.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene		206	C16H14	000781-43-1	91
2	Anthracene, 1,4-dimethyl-		206	C16H14	000781-92-0	81
3	9,10-Dimethylantracene		206	C16H14	000781-43-1	81
4	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	81
5	di-p-Tolylacetylene		206	C16H14	002789-88-0	80



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM120617\
Data File : BM013231.D
Acq On : 07 Dec 2017 04:05
Operator : SJ/JU
Sample : I6647-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0279

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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
Phenanthrene, 1-m...	17.96	2.4	ng/ul	485385	4	17.09	4110510	20.0
1H-Indene, 2-phenyl-	18.01	3.2	ng/ul	666610	4	17.09	4110510	20.0
9,10-Anthracenedione	18.50	2.4	ng/ul	483681	4	17.09	4110510	20.0
9,10-Dimethylanth...	18.89	2.0	ng/ul	416296	4	17.09	4110510	20.0