

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020487.D
 Acq On : 22 May 2019 07:43
 Operator : JU/SJ
 Sample : K2923-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4258

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_M\METHODS\SOM-EPA-BM051619MA.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	6.898	660	665	685	rVB	221215	442732	16.32%	2.734%
2	7.069	688	694	707	rVB	170532	300513	11.08%	1.856%
3	7.257	720	726	739	rVB	266172	455567	16.79%	2.814%
4	7.722	800	805	811	rBV	223489	365673	13.48%	2.259%
5	8.434	920	926	939	rBV	246172	468256	17.26%	2.892%
6	8.892	998	1004	1018	rBV	217375	387715	14.29%	2.395%
7	9.228	1056	1061	1064	rVB3	9700	14345	0.53%	0.089%
8	9.610	1120	1126	1139	rVB	186359	332546	12.26%	2.054%
9	10.145	1210	1217	1235	rBV	273263	535408	19.73%	3.307%
10	10.516	1274	1280	1286	rBV	291391	480525	17.71%	2.968%
11	10.675	1300	1307	1320	rBV	76143	172684	6.36%	1.067%
12	11.922	1515	1519	1522	rVB3	2620	3478	0.13%	0.021%
13	12.110	1547	1551	1555	rVB2	3163	4861	0.18%	0.030%
14	12.186	1559	1564	1570	rVB	3221	5885	0.22%	0.036%
15	12.410	1598	1602	1606	rVB4	2927	4672	0.17%	0.029%
16	13.169	1727	1731	1735	rVB3	3722	5069	0.19%	0.031%
17	13.692	1815	1820	1825	rBV2	5930	9900	0.36%	0.061%
18	13.745	1825	1829	1830	rBV	4153	4109	0.15%	0.025%
19	13.786	1830	1836	1841	rVV	525355	745231	27.47%	4.603%
20	13.833	1841	1844	1854	rVV	207534	286076	10.54%	1.767%
21	13.933	1857	1861	1865	rBV3	2433	4064	0.15%	0.025%
22	14.069	1878	1884	1900	rVV	582748	978197	36.05%	6.042%
23	14.251	1910	1915	1919	rBV3	6233	8432	0.31%	0.052%
24	14.380	1928	1937	1944	rBV2	424127	660337	24.34%	4.078%
25	14.439	1944	1947	1954	rVB3	11187	17574	0.65%	0.109%
26	14.668	1981	1986	1987	rBV3	13487	16570	0.61%	0.102%
27	14.733	1988	1997	2003	rBV5	39061	138321	5.10%	0.854%
28	14.845	2014	2016	2027	rVB7	13538	26632	0.98%	0.164%
29	14.992	2037	2041	2046	rBV4	7445	11915	0.44%	0.074%
30	15.045	2046	2050	2055	rVB3	4204	5517	0.20%	0.034%
31	15.157	2063	2069	2074	rBV6	4880	8370	0.31%	0.052%
32	15.204	2074	2077	2081	rVB3	7760	9710	0.36%	0.060%
33	15.257	2081	2086	2090	rVB2	5230	7189	0.26%	0.044%
34	15.380	2097	2107	2113	rBV	758207	1162794	42.85%	7.182%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020487.D
 Acq On : 22 May 2019 07:43
 Operator : JU/SJ
 Sample : K2923-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4258

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_M\METHODS\SOM-EPA-BM051619MA.M
 Title : SVOA CALIBRATION

35	15.433	2113	2116	2125	rVB2	22749	39074	1.44%	0.241%
36	15.568	2133	2139	2150	rBV5	44550	129671	4.78%	0.801%
37	15.727	2160	2166	2171	rBV3	9731	17753	0.65%	0.110%
38	15.774	2171	2174	2180	rVB4	3721	6466	0.24%	0.040%
39	15.833	2180	2184	2187	rBV4	2917	5043	0.19%	0.031%
40	15.874	2187	2191	2196	rVV3	10639	18380	0.68%	0.114%
41	15.939	2199	2202	2203	rVV3	3447	2957	0.11%	0.018%
42	15.968	2205	2207	2210	rVB3	4943	3825	0.14%	0.024%
43	16.080	2220	2226	2227	rBV5	7098	11486	0.42%	0.071%
44	16.133	2233	2235	2239	rVB4	4178	5902	0.22%	0.036%
45	16.168	2239	2241	2245	rBV3	2923	3519	0.13%	0.022%
46	16.233	2249	2252	2254	rVV4	2866	3065	0.11%	0.019%
47	16.445	2280	2288	2293	rBV5	12790	26032	0.96%	0.161%
48	16.492	2293	2296	2302	rVB6	7818	10857	0.40%	0.067%
49	16.586	2309	2312	2318	rVB6	7130	11564	0.43%	0.071%
50	16.674	2322	2327	2330	rBV7	11198	16964	0.63%	0.105%
51	16.715	2330	2334	2338	rBV5	7899	12558	0.46%	0.078%
52	16.821	2344	2352	2356	rBV4	17695	40452	1.49%	0.250%
53	16.868	2356	2360	2367	rVB5	13525	24618	0.91%	0.152%
54	16.968	2373	2377	2384	rVB2	19067	30807	1.14%	0.190%
55	17.045	2386	2390	2397	rVV4	7165	12691	0.47%	0.078%
56	17.151	2402	2408	2412	rBV	478639	856170	31.55%	5.288%
57	17.198	2412	2416	2420	rVV	297367	512868	18.90%	3.168%
58	17.257	2420	2426	2441	rVB	696001	1425891	52.55%	8.807%
59	17.609	2477	2486	2491	rBV6	24034	62326	2.30%	0.385%
60	17.668	2492	2496	2499	rVB2	12358	17169	0.63%	0.106%
61	17.745	2503	2509	2516	rBV3	16631	43111	1.59%	0.266%
62	17.886	2528	2533	2538	rBV7	12482	26608	0.98%	0.164%
63	17.986	2544	2550	2551	rBV6	9787	16952	0.62%	0.105%
64	18.039	2554	2559	2564	rBV2	60580	128200	4.72%	0.792%
65	18.092	2564	2568	2577	rVB2	83314	190949	7.04%	1.179%
66	18.174	2580	2582	2587	rVB2	24108	32259	1.19%	0.199%
67	18.239	2587	2593	2599	rBV2	85973	211709	7.80%	1.308%
68	18.551	2641	2646	2652	rBV	44638	106339	3.92%	0.657%
69	18.986	2716	2720	2726	rBV3	35382	67965	2.50%	0.420%
70	19.268	2759	2768	2779	rBV2	417155	1264355	46.60%	7.809%
71	19.627	2819	2829	2847	rBV5	639815	2713361	100.00%	16.759%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020487.D
Acq On : 22 May 2019 07:43
Operator : JU/SJ
Sample : K2923-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4258

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Title : SVOA CALIBRATION

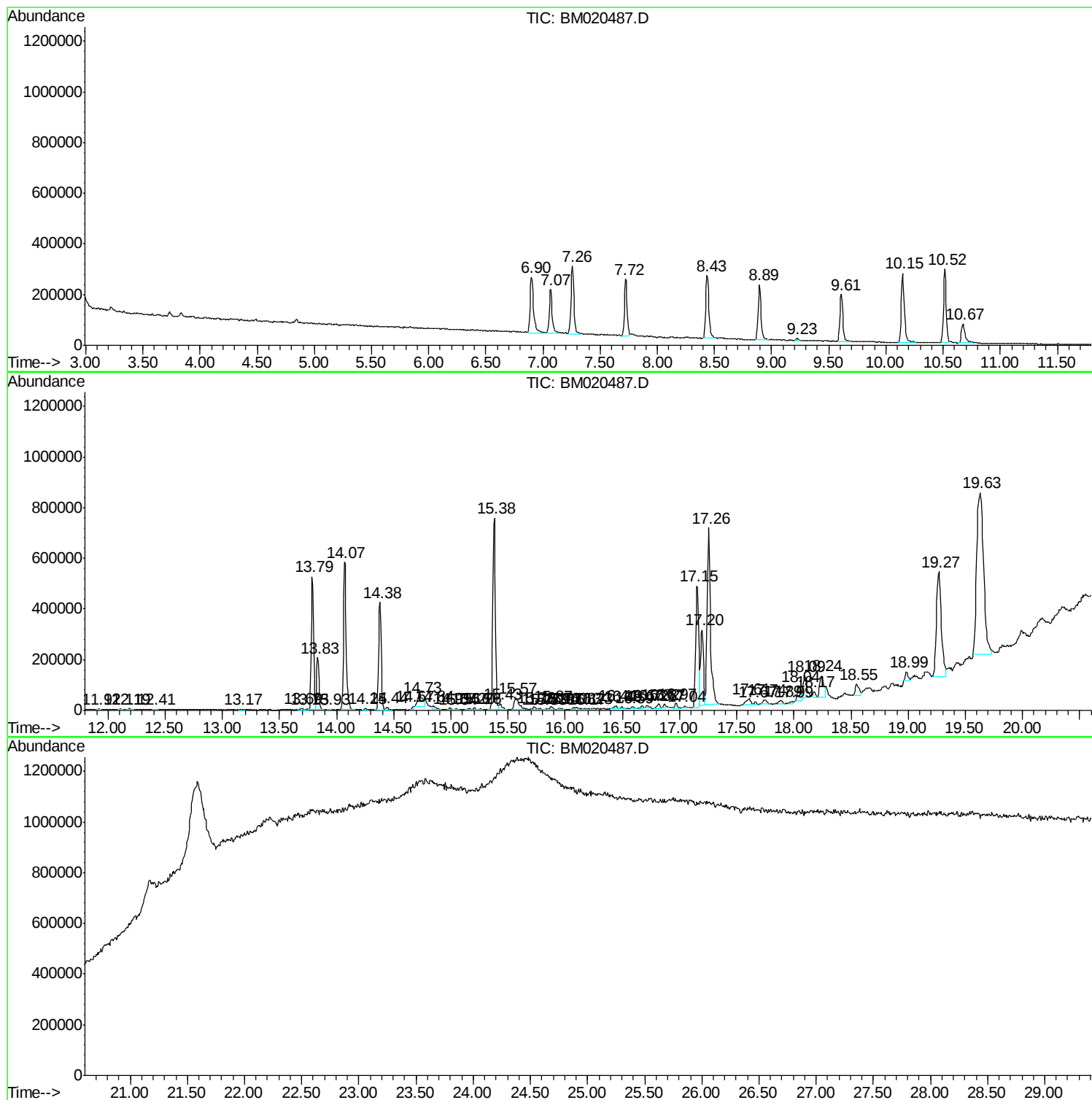
Sum of corrected areas: 16190783

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020487.D
Acq On : 22 May 2019 07:43
Operator : JU/SJ
Sample : K2923-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020487.D
Acq On : 22 May 2019 07:43
Operator : JU/SJ
Sample : K2923-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

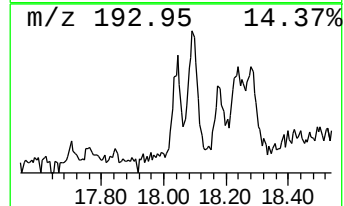
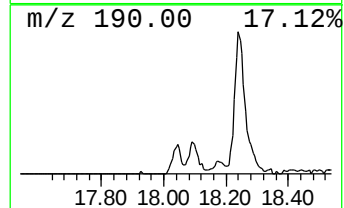
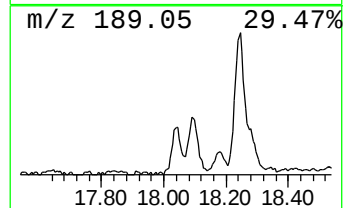
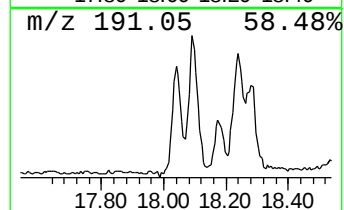
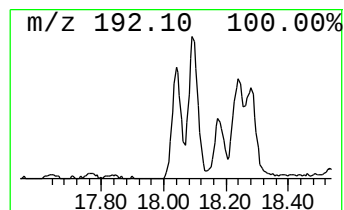
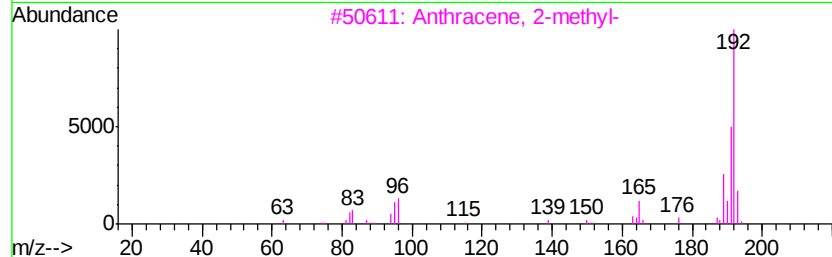
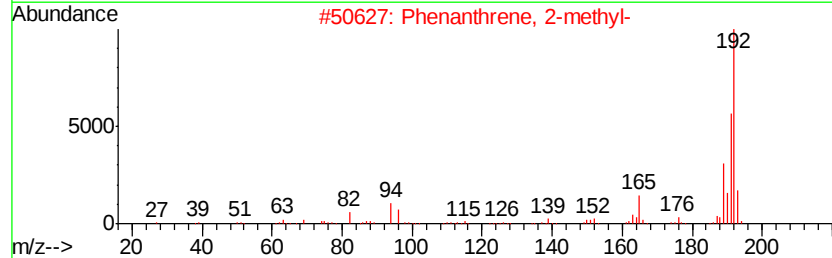
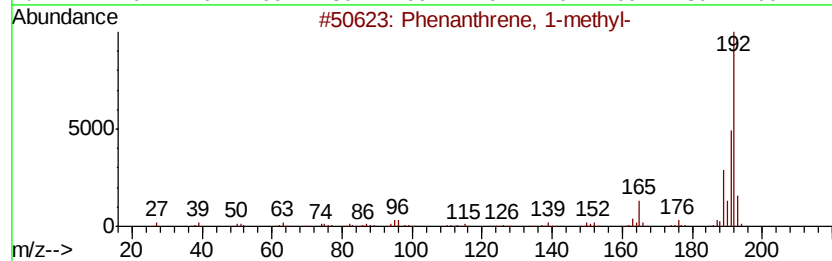
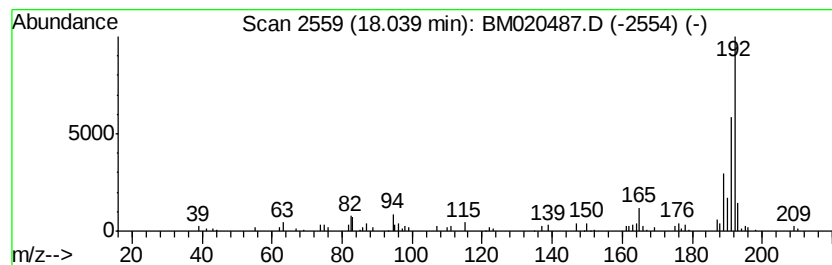
Instrument :
BNA_M
ClientSampleId :
A4258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.04	2.99 ng/ul	128200	Phenanthrene-d10	17.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020487.D
Acq On : 22 May 2019 07:43
Operator : JU/SJ
Sample : K2923-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4258

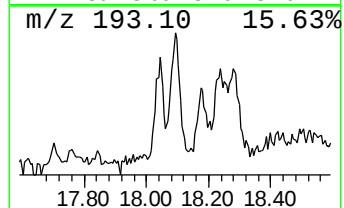
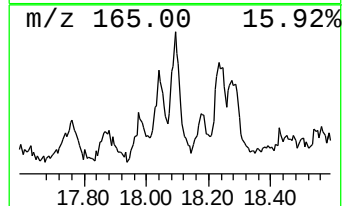
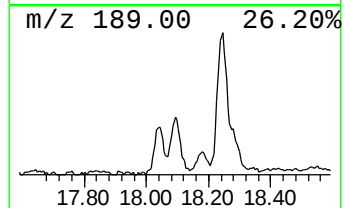
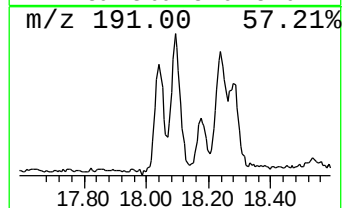
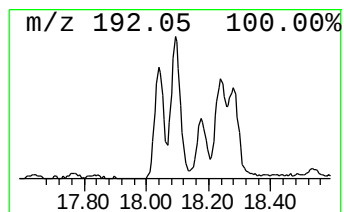
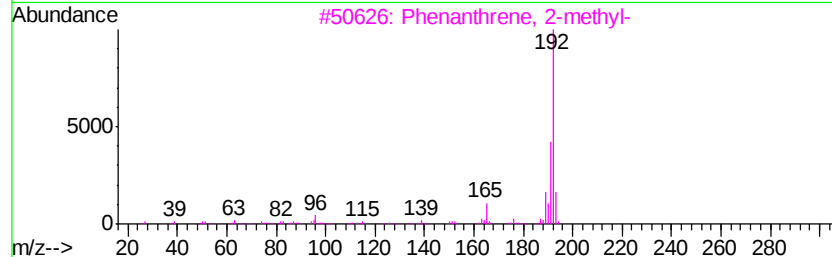
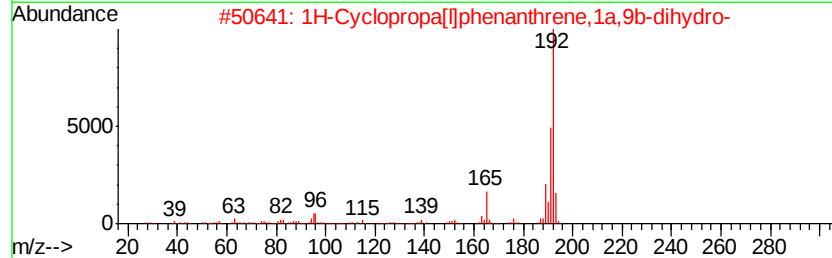
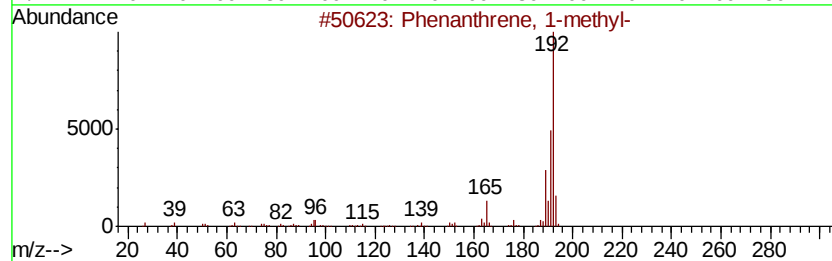
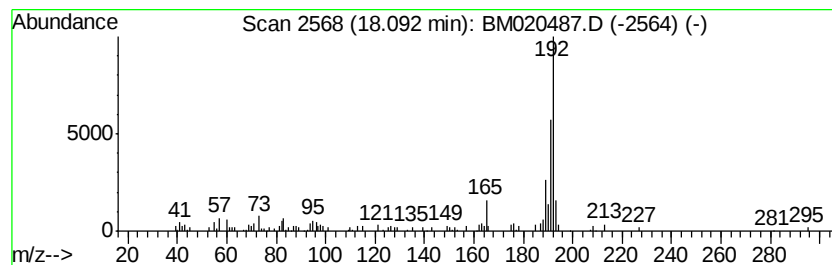
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.46 ng/ul	190949	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020487.D
Acq On : 22 May 2019 07:43
Operator : JU/SJ
Sample : K2923-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

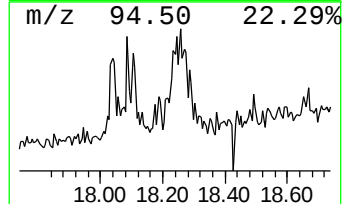
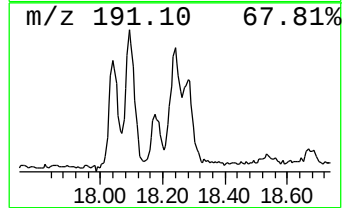
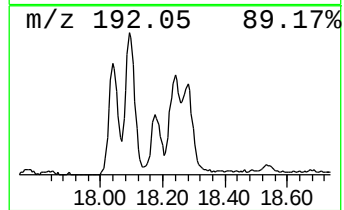
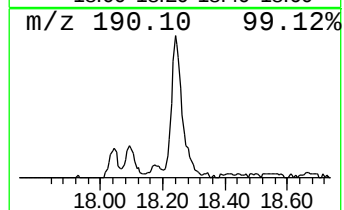
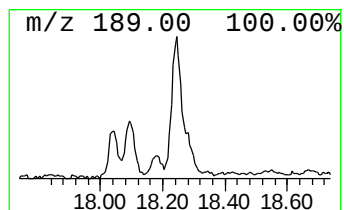
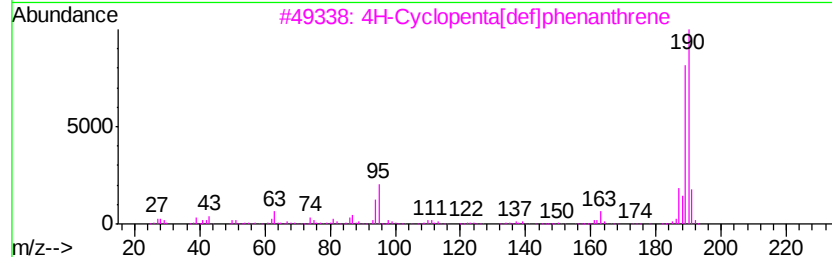
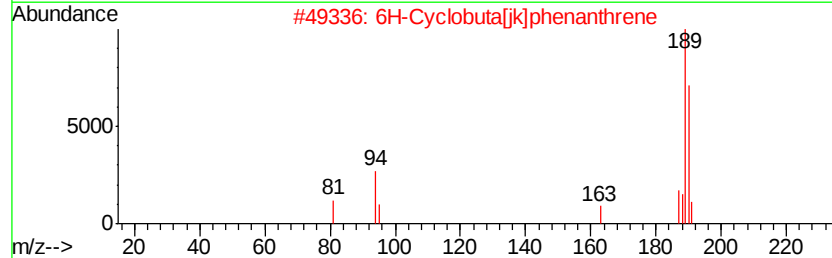
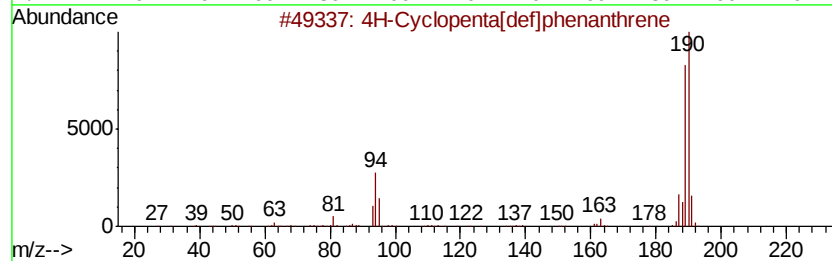
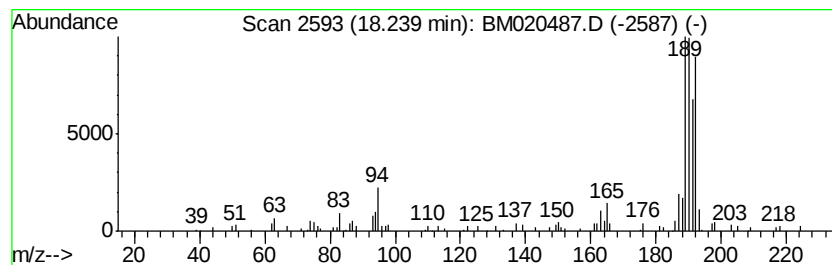
Instrument :
BNA_M
ClientSampleId :
A4258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.24	4.95 ng/ul	211709	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52	
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49	
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49	
4	2-Bromo-4-fluorophenol	190	C6H4BrFO	000496-69-5	38	
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	38	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020487.D
Acq On : 22 May 2019 07:43
Operator : JU/SJ
Sample : K2923-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 1-m...	18.04	3.0	ng/ul	128200	4	17.15	856170	20.0
1H-Cyclopropa[l]p...	18.09	4.5	ng/ul	190949	4	17.15	856170	20.0
4H-Cyclopenta[def...	18.24	5.0	ng/ul	211709	4	17.15	856170	20.0
1,2,4,8-Tetrameth...	18.55	2.5	ng/ul	106339	4	17.15	856170	20.0