

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
 Data File : BM017503.D
 Acq On : 02 Nov 2018 23:02
 Operator : MJ/SJ
 Sample : J5704-24
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A40K3

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-BM102418MA.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	3.210	34	38	46	rVV	29113	48315	2.15%	0.144%
2	3.616	103	107	113	rVB4	12083	18619	0.83%	0.055%
3	3.705	118	122	131	rVV	60644	89899	3.99%	0.267%
4	3.775	131	134	137	rVV2	11351	13304	0.59%	0.040%
5	3.816	137	141	150	rVB2	23158	44313	1.97%	0.132%
6	3.905	155	156	164	rVB4	6112	10177	0.45%	0.030%
7	4.810	304	310	315	rBV2	30112	50355	2.24%	0.150%
8	4.899	321	325	330	rBV3	7219	12383	0.55%	0.037%
9	6.816	644	651	666	rVV2	510293	1139138	50.58%	3.389%
10	6.981	673	679	689	rVB	421133	674593	29.96%	2.007%
11	7.169	705	711	723	rVV	562902	950926	42.23%	2.829%
12	7.628	781	789	797	rBV	631877	1045252	46.41%	3.110%
13	7.704	800	802	808	rVB6	8013	11678	0.52%	0.035%
14	7.845	820	826	831	rVB3	9608	12691	0.56%	0.038%
15	8.340	902	910	921	rBV	552697	985395	43.76%	2.932%
16	8.787	979	986	996	rBV	501181	869344	38.60%	2.586%
17	9.181	1048	1053	1058	rVB3	14804	22814	1.01%	0.068%
18	9.498	1099	1107	1116	rBV	408425	689606	30.62%	2.052%
19	10.034	1191	1198	1228	rVV	469020	1040765	46.22%	3.096%
20	10.404	1253	1261	1268	rBV	808207	1387842	61.63%	4.129%
21	10.557	1278	1287	1307	rBV	311872	768071	34.11%	2.285%
22	12.022	1528	1536	1543	rBV2	6686	15238	0.68%	0.045%
23	12.104	1543	1550	1556	rVB5	7392	16940	0.75%	0.050%
24	12.310	1579	1585	1592	rBV4	6679	14937	0.66%	0.044%
25	13.592	1800	1803	1809	rBV4	5739	9726	0.43%	0.029%
26	13.692	1814	1820	1825	rVV	823221	1249900	55.50%	3.718%
27	13.739	1825	1828	1840	rVV	183959	297514	13.21%	0.885%
28	13.963	1860	1866	1878	rBV	1051792	1606938	71.36%	4.781%
29	14.274	1913	1919	1926	rVV2	974357	1504781	66.82%	4.477%
30	14.339	1926	1930	1935	rVB	50545	73783	3.28%	0.220%
31	14.510	1952	1959	1974	rBV2	131000	389170	17.28%	1.158%
32	14.686	1982	1989	1993	rBV	26723	41268	1.83%	0.123%
33	14.722	1993	1995	2005	rVB6	21124	37540	1.67%	0.112%
34	15.274	2082	2089	2095	rBV	1289695	1925439	85.50%	5.728%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
 Data File : BM017503.D
 Acq On : 02 Nov 2018 23:02
 Operator : MJ/SJ
 Sample : J5704-24
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A40K3

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-BM102418MA.M
 Title : SVOA CALIBRATION

35	15.327	2095	2098	2105	rVV2	66042	101447	4.50%	0.302%
36	15.410	2105	2112	2120	rVV	260681	460915	20.47%	1.371%
37	15.492	2124	2126	2128	rVV2	12021	14940	0.66%	0.044%
38	15.516	2128	2130	2136	rVV4	13492	25062	1.11%	0.075%
39	15.569	2136	2139	2145	rVV5	13906	24646	1.09%	0.073%
40	15.627	2145	2149	2155	rVV2	13364	22088	0.98%	0.066%
41	15.774	2168	2174	2181	rVB4	14699	33851	1.50%	0.101%
42	15.874	2181	2191	2194	rBV10	10845	25360	1.13%	0.075%
43	16.004	2209	2213	2221	rBV6	8038	17283	0.77%	0.051%
44	16.345	2262	2271	2274	rBV8	12947	30921	1.37%	0.092%
45	16.386	2274	2278	2281	rVV3	6486	8565	0.38%	0.025%
46	16.686	2325	2329	2337	rBV2	19958	30767	1.37%	0.092%
47	16.763	2338	2342	2345	rBV4	7525	11449	0.51%	0.034%
48	16.845	2352	2356	2362	rVB	28012	38973	1.73%	0.116%
49	16.945	2366	2373	2376	rBV5	11846	22030	0.98%	0.066%
50	17.027	2379	2387	2390	rBV	1032969	1498914	66.56%	4.459%
51	17.068	2390	2394	2398	rVV	681287	961267	42.69%	2.860%
52	17.127	2398	2404	2416	rVV2	1175639	1945258	86.38%	5.787%
53	17.233	2416	2422	2426	rVB5	11987	24905	1.11%	0.074%
54	17.445	2451	2458	2469	rVV2	58289	112291	4.99%	0.334%
55	17.562	2473	2478	2482	rVV7	7493	14830	0.66%	0.044%
56	17.633	2484	2490	2495	rVV8	23643	40912	1.82%	0.122%
57	17.810	2516	2520	2527	rBV4	24938	45229	2.01%	0.135%
58	17.904	2527	2536	2538	rBV	76272	119892	5.32%	0.357%
59	17.933	2538	2541	2543	rBV	78353	103445	4.59%	0.308%
60	18.039	2555	2559	2562	rVB4	17716	21792	0.97%	0.065%
61	18.098	2564	2569	2573	rVV2	100821	168632	7.49%	0.502%
62	18.133	2573	2575	2580	rVB2	48695	64586	2.87%	0.192%
63	18.227	2587	2591	2593	rBV4	10986	17388	0.77%	0.052%
64	18.262	2593	2597	2601	rVB5	7173	12880	0.57%	0.038%
65	18.362	2611	2614	2617	rVB5	9855	10806	0.48%	0.032%
66	18.409	2617	2622	2626	rBV	50979	76596	3.40%	0.228%
67	18.457	2626	2630	2637	rVV	76700	109663	4.87%	0.326%
68	18.533	2640	2643	2646	rVV4	7674	9910	0.44%	0.029%
69	18.657	2660	2664	2668	rBV6	16466	22964	1.02%	0.068%
70	18.704	2670	2672	2676	rVB3	16433	18760	0.83%	0.056%
71	18.751	2676	2680	2683	rVB2	18070	17903	0.79%	0.053%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017503.D
Acq On : 02 Nov 2018 23:02
Operator : MJ/SJ
Sample : J5704-24
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40K3

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-BM102418MA.M
Title : SVOA CALIBRATION

72	18.827	2689	2693	2697	rBV2	30374	50183	2.23%	0.149%
73	18.874	2698	2701	2707	rVV7	19226	37494	1.66%	0.112%
74	18.921	2707	2709	2713	rVB3	16680	19100	0.85%	0.057%
75	18.974	2713	2718	2725	rVB4	24716	52199	2.32%	0.155%
76	19.092	2729	2738	2746	rBV	869792	1234056	54.80%	3.671%
77	19.162	2748	2750	2752	rBV2	13045	10584	0.47%	0.031%
78	19.198	2753	2756	2757	rVV3	15762	16815	0.75%	0.050%
79	19.221	2757	2760	2769	rVB6	30475	55783	2.48%	0.166%
80	19.333	2771	2779	2785	rBV7	30028	77293	3.43%	0.230%
81	19.427	2789	2795	2798	rBV	1503774	2251974	100.00%	6.700%
82	19.456	2798	2800	2809	rVV	716004	806144	35.80%	2.398%
83	19.533	2809	2813	2819	rVB2	39315	63902	2.84%	0.190%
84	19.645	2828	2832	2836	rVB	47821	65689	2.92%	0.195%
85	19.704	2840	2842	2847	rVB4	24406	33346	1.48%	0.099%
86	19.786	2850	2856	2857	rBV3	56337	90369	4.01%	0.269%
87	19.921	2874	2879	2881	rBV5	44974	73466	3.26%	0.219%
88	19.956	2881	2885	2892	rVB	137676	201794	8.96%	0.600%
89	20.062	2899	2903	2906	rVB	82463	103919	4.61%	0.309%
90	20.115	2906	2912	2916	rBV2	87524	162888	7.23%	0.485%
91	20.709	3011	3013	3018	rVB2	59833	64163	2.85%	0.191%
92	20.874	3038	3041	3044	rBV2	45121	52759	2.34%	0.157%
93	20.909	3045	3047	3050	rVV2	48136	50515	2.24%	0.150%
94	20.945	3050	3053	3059	rVV5	110778	161789	7.18%	0.481%
95	21.150	3084	3088	3091	rBV	133548	160686	7.14%	0.478%
96	21.221	3094	3100	3104	rVV2	1045144	1782659	79.16%	5.303%
97	21.262	3104	3107	3112	rVB	330944	436581	19.39%	1.299%
98	22.768	3359	3363	3368	rBV2	223890	434342	19.29%	1.292%
99	23.280	3446	3450	3455	rBV	562349	890361	39.54%	2.649%
100	23.421	3469	3474	3482	rVB2	439938	816638	36.26%	2.430%

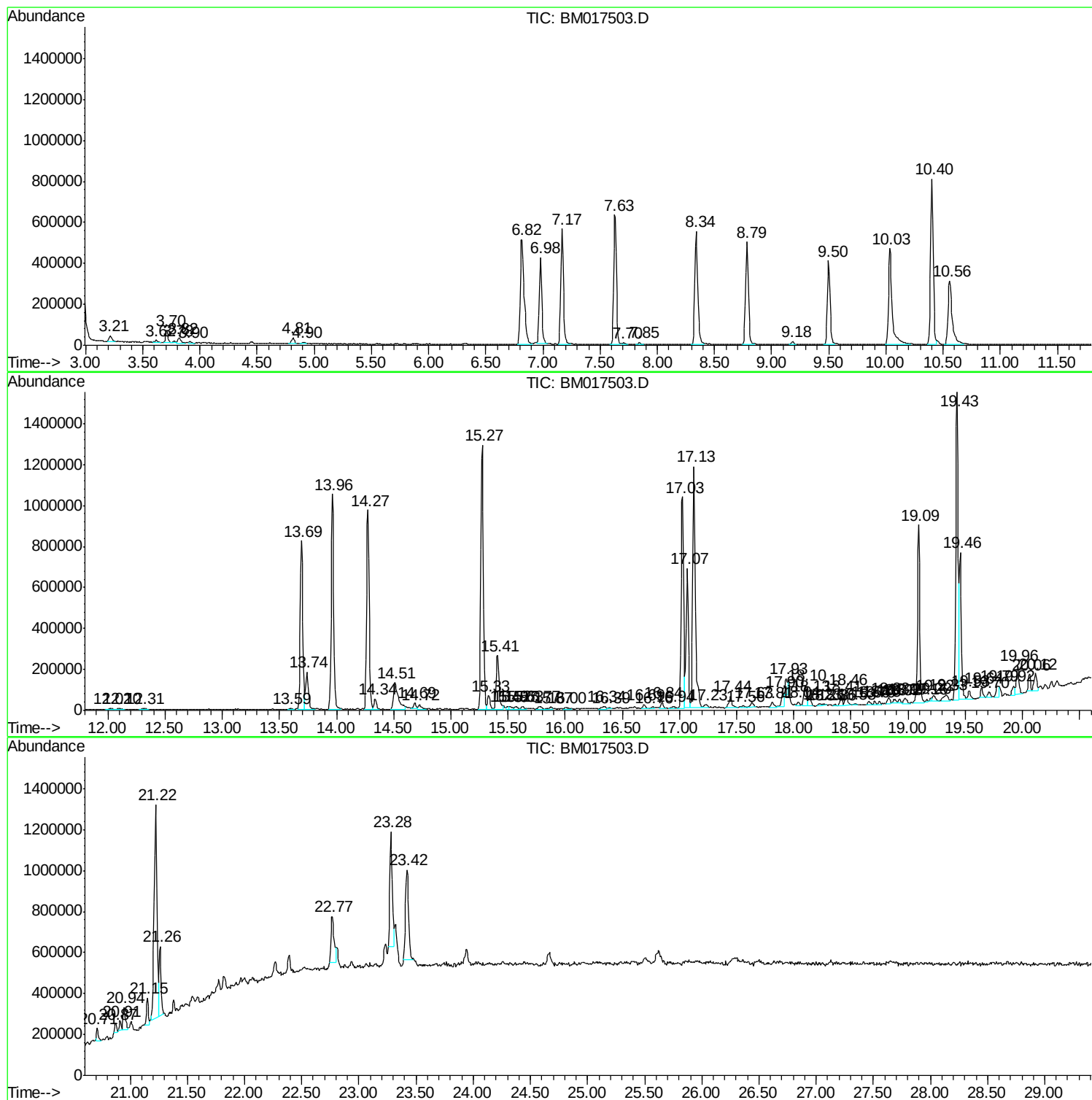
Sum of corrected areas: 33613265

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017503.D
Acq On : 02 Nov 2018 23:02
Operator : MJ/SJ
Sample : J5704-24
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
A40K3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017503.D
Acq On : 02 Nov 2018 23:02
Operator : MJ/SJ
Sample : J5704-24
Misc :
ALS Vial : 18 Sample Multiplier: 1

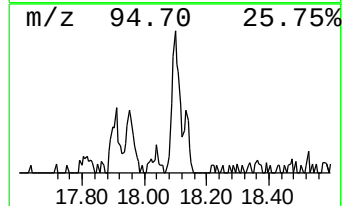
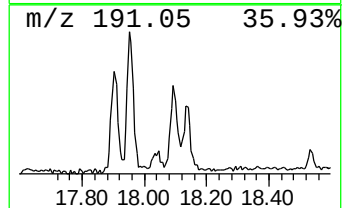
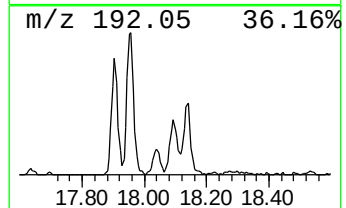
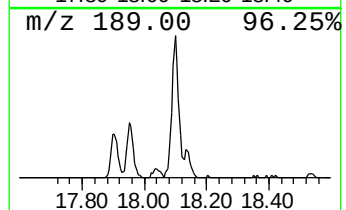
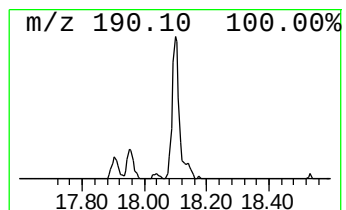
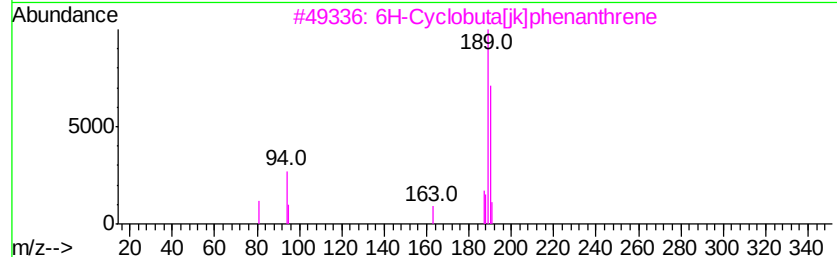
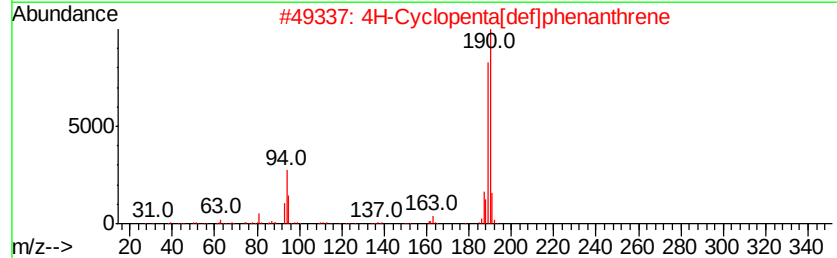
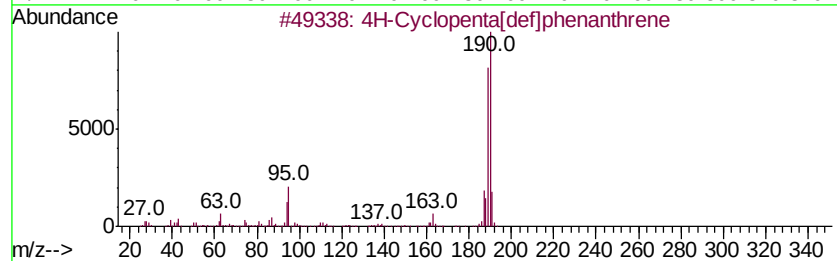
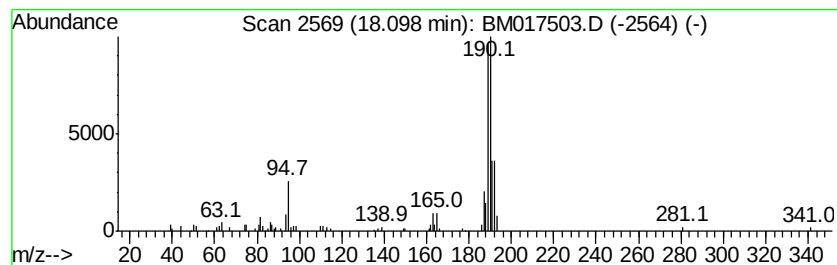
Instrument :
BNA_M
ClientSampleId :
A40K3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.10	2.25 ng/ul	168632	Phenanthrene-d10	17.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017503.D
Acq On : 02 Nov 2018 23:02
Operator : MJ/SJ
Sample : J5704-24
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40K3

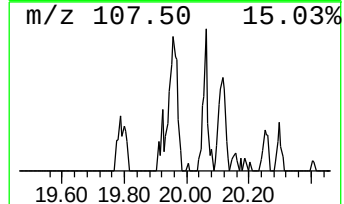
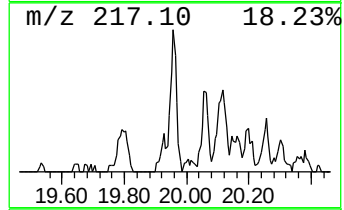
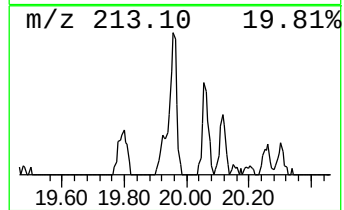
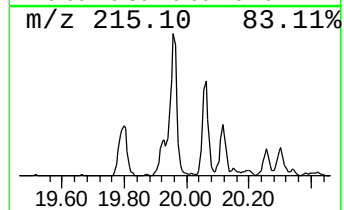
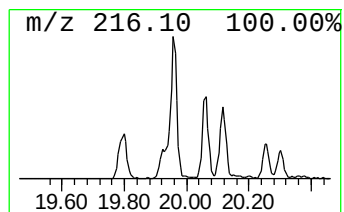
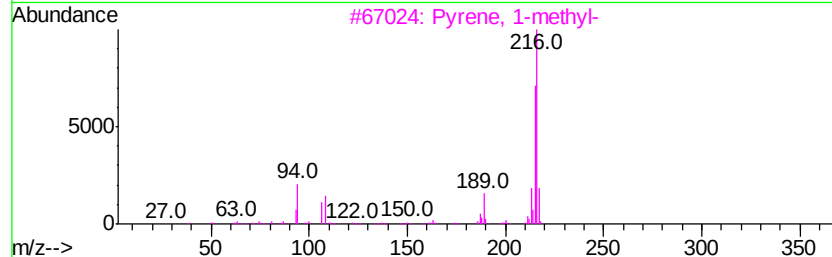
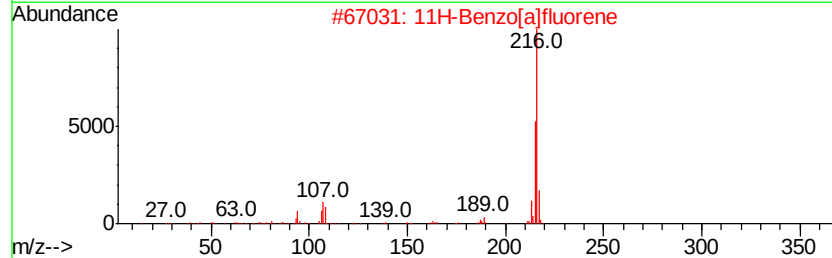
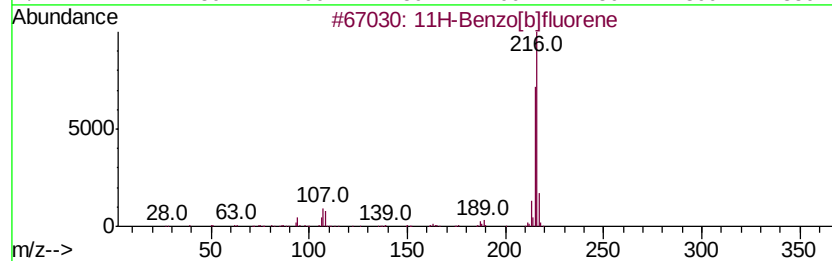
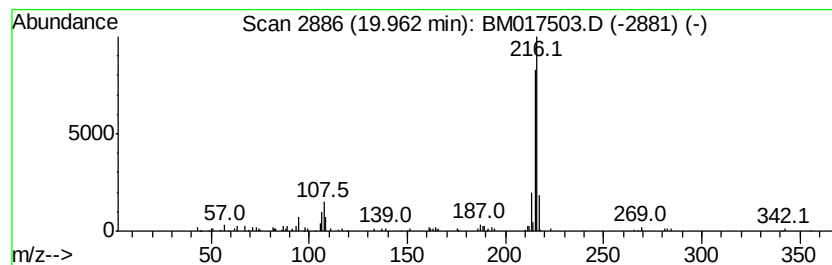
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 11H-Benzo[b]fluorene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	2.26 ng/ul	201794	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110218\
Data File : BM017503.D
Acq On : 02 Nov 2018 23:02
Operator : MJ/SJ
Sample : J5704-24
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40K3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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
4H-Cyclopenta[def...	18.10	2.3	ng/ul	168632	4	17.03	1498910	20.0
11H-Benzo[b]fluorene	19.96	2.3	ng/ul	201794	5	21.22	1782660	20.0