

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
 Data File : BG024858.D
 Acq On : 21 Nov 2016 14:35
 Operator : UM/SJ
 Sample : H5694-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSR1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.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	3.186	55	59	63	rVB4	27720	46591	1.03%	0.098%
2	3.304	77	79	84	rVB5	19899	23960	0.53%	0.051%
3	3.615	125	132	140	rBV6	14765	28932	0.64%	0.061%
4	4.156	218	224	231	rVB6	19545	42991	0.95%	0.091%
5	5.319	416	422	430	rBV3	28984	54032	1.19%	0.114%
6	7.399	760	776	791	rBV2	317239	681336	15.02%	1.437%
7	7.570	798	805	816	rVV	231353	414237	9.13%	0.874%
8	7.781	834	841	855	rVB	293378	560533	12.36%	1.182%
9	8.263	908	923	934	rBV	419800	771209	17.00%	1.627%
10	8.956	1033	1041	1051	rVB	387124	723414	15.95%	1.526%
11	9.091	1058	1064	1076	rVB5	19032	46514	1.03%	0.098%
12	9.438	1113	1123	1133	rVB	335193	645424	14.23%	1.361%
13	10.161	1236	1246	1256	rBV3	296467	573793	12.65%	1.210%
14	10.695	1330	1337	1349	rBV	431508	823911	18.16%	1.738%
15	11.089	1395	1404	1418	rVB	596721	1122733	24.75%	2.368%
16	11.218	1418	1426	1438	rBV	214679	434693	9.58%	0.917%
17	12.646	1663	1669	1677	rBV6	11331	30299	0.67%	0.064%
18	13.727	1847	1853	1862	rBV6	8705	25227	0.56%	0.053%
19	14.080	1900	1913	1919	rBV10	17265	60662	1.34%	0.128%
20	14.268	1939	1945	1950	rBV	861766	1293289	28.51%	2.728%
21	14.315	1950	1953	1960	rVB	175899	238254	5.25%	0.503%
22	14.579	1989	1998	2010	rBV	904353	1479183	32.60%	3.120%
23	14.726	2014	2023	2030	rVB2	24458	42689	0.94%	0.090%
24	14.879	2034	2049	2056	rBV	1091983	1741294	38.38%	3.673%
25	14.943	2056	2060	2067	rVB2	69988	106695	2.35%	0.225%
26	15.061	2074	2080	2094	rBV2	265898	540540	11.91%	1.140%
27	15.266	2111	2115	2123	rVB	35434	68114	1.50%	0.144%
28	15.337	2123	2127	2133	rVB7	13343	23097	0.51%	0.049%
29	15.490	2146	2153	2156	rBV5	13084	27963	0.62%	0.059%
30	15.672	2179	2184	2191	rVB4	78633	128147	2.82%	0.270%
31	15.866	2207	2217	2223	rBV	1258159	2006025	44.22%	4.231%
32	15.924	2223	2227	2231	rVV2	90580	134228	2.96%	0.283%
33	15.977	2231	2236	2244	rVV2	260397	391809	8.64%	0.826%
34	16.077	2249	2253	2266	rVB2	28232	74462	1.64%	0.157%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
 Data File : BG024858.D
 Acq On : 21 Nov 2016 14:35
 Operator : UM/SJ
 Sample : H5694-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSR1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Title : SVOA CALIBRATION

35	16.212	2272	2276	2283	rVB8	20527	39404	0.87%	0.083%
36	16.359	2296	2301	2309	rVB7	23104	52707	1.16%	0.111%
37	16.535	2325	2331	2340	rBV2	63349	117904	2.60%	0.249%
38	16.876	2383	2389	2391	rBV7	15761	26686	0.59%	0.056%
39	16.917	2391	2396	2402	rVV8	34686	69878	1.54%	0.147%
40	16.970	2402	2405	2410	rVB7	18161	25979	0.57%	0.055%
41	17.064	2419	2421	2425	rVB5	17737	23284	0.51%	0.049%
42	17.147	2432	2435	2437	rVV4	17710	21108	0.47%	0.045%
43	17.182	2437	2441	2449	rVB9	24208	42958	0.95%	0.091%
44	17.270	2453	2456	2461	rVB6	25228	36083	0.80%	0.076%
45	17.323	2461	2465	2470	rBV4	55919	93030	2.05%	0.196%
46	17.376	2472	2474	2478	rVB5	21923	23212	0.51%	0.049%
47	17.440	2481	2485	2490	rVB	43982	60764	1.34%	0.128%
48	17.622	2508	2516	2520	rBV2	1311111	2155364	47.51%	4.546%
49	17.664	2520	2523	2528	rVV	765916	1122759	24.75%	2.368%
50	17.722	2528	2533	2545	rVB2	1353155	2481874	54.71%	5.235%
51	17.875	2553	2559	2561	rBV7	14179	27216	0.60%	0.057%
52	18.028	2573	2585	2590	rBV2	108610	238246	5.25%	0.502%
53	18.204	2610	2615	2619	rBV5	18809	33411	0.74%	0.070%
54	18.339	2635	2638	2644	rBV6	13853	23684	0.52%	0.050%
55	18.492	2654	2664	2668	rBV3	128674	233777	5.15%	0.493%
56	18.539	2668	2672	2678	rVB3	189573	287447	6.34%	0.606%
57	18.615	2680	2685	2691	rBV	97082	152876	3.37%	0.322%
58	18.686	2691	2697	2710	rBV3	201868	510034	11.24%	1.076%
59	18.792	2710	2715	2718	rBV7	27676	39986	0.88%	0.084%
60	18.833	2718	2722	2726	rBV4	38962	55803	1.23%	0.118%
61	18.980	2742	2747	2752	rBV	105430	171406	3.78%	0.362%
62	19.027	2752	2755	2759	rVB6	30167	41575	0.92%	0.088%
63	19.221	2784	2788	2792	rBV3	44071	56714	1.25%	0.120%
64	19.268	2794	2796	2799	rBV4	25607	23025	0.51%	0.049%
65	19.309	2800	2803	2810	rVB3	44696	68459	1.51%	0.144%
66	19.391	2810	2817	2823	rBV3	93155	200568	4.42%	0.423%
67	19.461	2823	2829	2836	rBV8	46244	110003	2.42%	0.232%
68	19.538	2837	2842	2850	rVB10	47892	100784	2.22%	0.213%
69	19.661	2855	2863	2869	rBV	1544369	2355477	51.92%	4.968%
70	19.708	2869	2871	2874	rVV4	26946	32894	0.73%	0.069%
71	19.749	2875	2878	2883	rVB4	40734	57454	1.27%	0.121%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024858.D
Acq On : 21 Nov 2016 14:35
Operator : UM/SJ
Sample : H5694-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR1

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : ON
Sampling : 1
Start Thrs: 0.1
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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Title : SVOA CALIBRATION

72	19.908	2898	2905	2911	rVB7	58860	160713	3.54%	0.339%
73	19.996	2913	2920	2923	rBV2	1851644	3389492	74.71%	7.149%
74	20.084	2932	2935	2941	rVB2	103438	136019	3.00%	0.287%
75	20.190	2949	2953	2959	rVB	103075	136763	3.01%	0.288%
76	20.337	2972	2978	2984	rVB4	120246	283804	6.26%	0.599%
77	20.402	2985	2989	2993	rBV	48603	79045	1.74%	0.167%
78	20.501	2995	3006	3014	rVB	421827	821792	18.11%	1.733%
79	20.601	3018	3023	3028	rBV	409083	643161	14.18%	1.357%
80	20.660	3028	3033	3037	rVB2	122396	228600	5.04%	0.482%
81	20.807	3054	3058	3061	rBV3	80877	129639	2.86%	0.273%
82	20.854	3063	3066	3075	rVB3	82884	137633	3.03%	0.290%
83	21.107	3106	3109	3110	rBV3	50377	56688	1.25%	0.120%
84	21.236	3127	3131	3135	rBV5	54702	88055	1.94%	0.186%
85	21.283	3137	3139	3146	rVB2	83855	130489	2.88%	0.275%
86	21.483	3168	3173	3177	rBV2	180858	340860	7.51%	0.719%
87	21.577	3185	3189	3194	rBV3	113939	210690	4.64%	0.444%
88	21.917	3237	3247	3253	rBV3	1760793	4536815	100.00%	9.569%
89	21.970	3253	3256	3268	rVB	646720	1133492	24.98%	2.391%
90	22.135	3279	3284	3290	rBV	142566	236956	5.22%	0.500%
91	22.282	3306	3309	3314	rVB2	102775	154046	3.40%	0.325%
92	22.352	3316	3321	3327	rBV4	130686	261471	5.76%	0.551%
93	22.423	3330	3333	3338	rVB3	124455	212253	4.68%	0.448%
94	22.693	3374	3379	3385	rVB2	142574	253832	5.59%	0.535%
95	22.975	3424	3427	3433	rBV7	54695	105196	2.32%	0.222%
96	24.268	3637	3647	3654	rBV3	411566	1593417	35.12%	3.361%
97	25.031	3771	3777	3784	rBV2	164207	435521	9.60%	0.919%
98	25.120	3784	3792	3799	rVV2	666525	1854631	40.88%	3.912%
99	25.190	3800	3804	3814	rVB2	316273	809035	17.83%	1.706%
100	25.360	3824	3833	3843	rVB2	769994	2232327	49.20%	4.708%

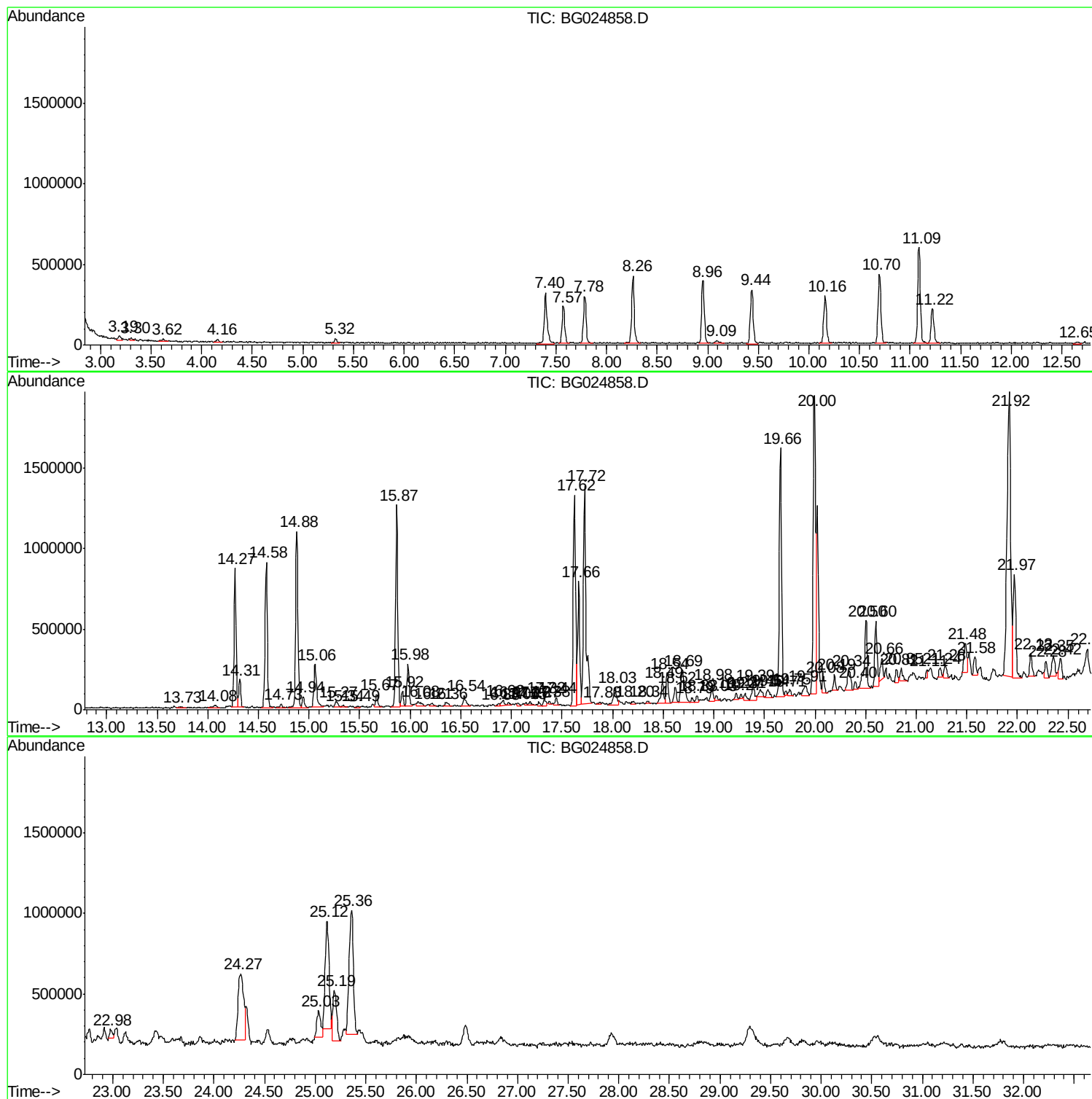
Sum of corrected areas: 47412548

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024858.D
Acq On : 21 Nov 2016 14:35
Operator : UM/SJ
Sample : H5694-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR1

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024858.D
Acq On : 21 Nov 2016 14:35
Operator : UM/SJ
Sample : H5694-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR1

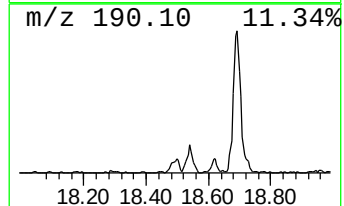
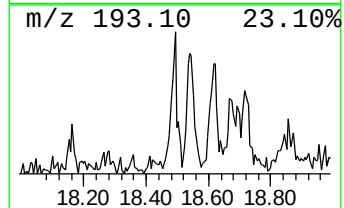
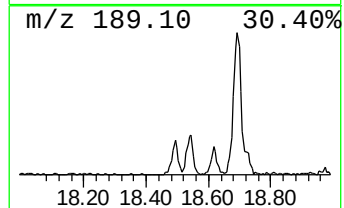
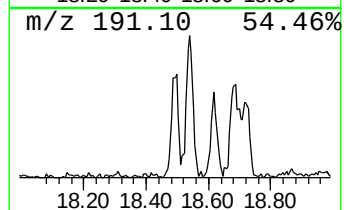
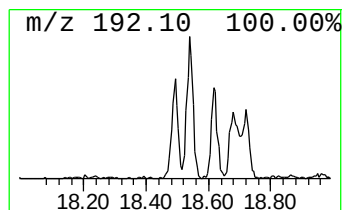
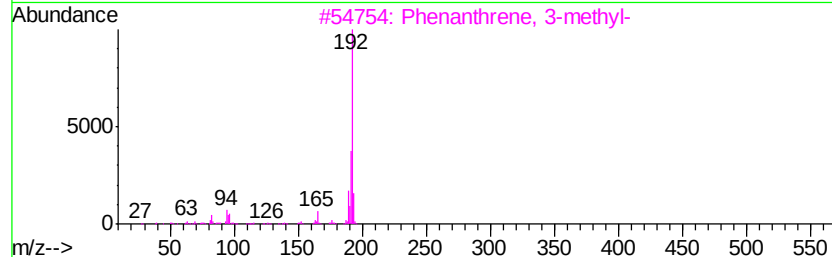
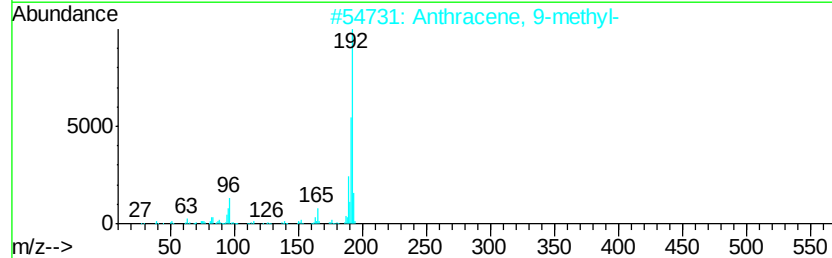
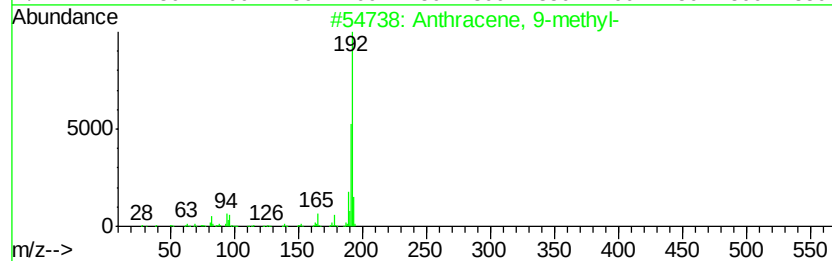
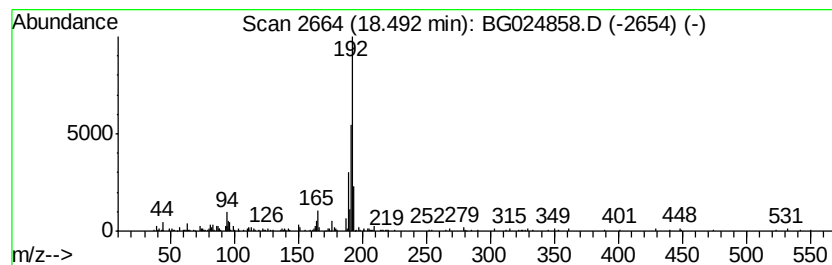
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.17 ng/ul	233777	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024858.D
Acq On : 21 Nov 2016 14:35
Operator : UM/SJ
Sample : H5694-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR1

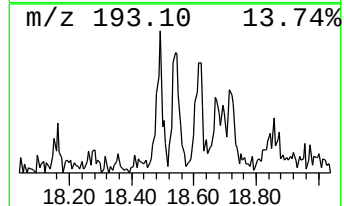
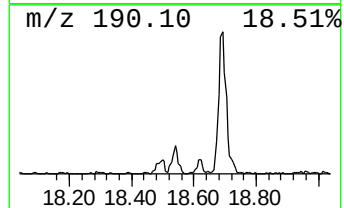
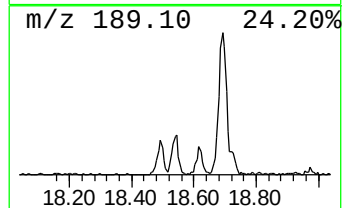
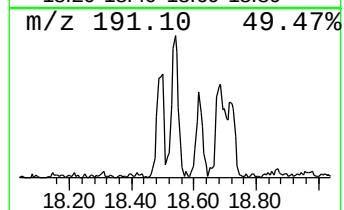
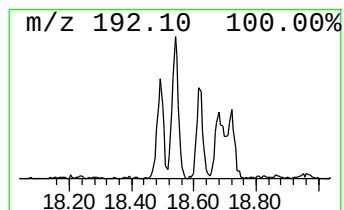
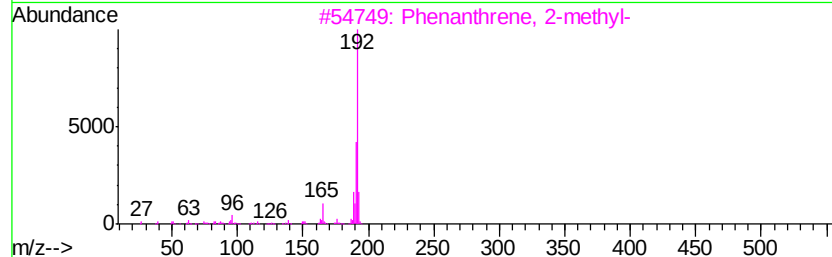
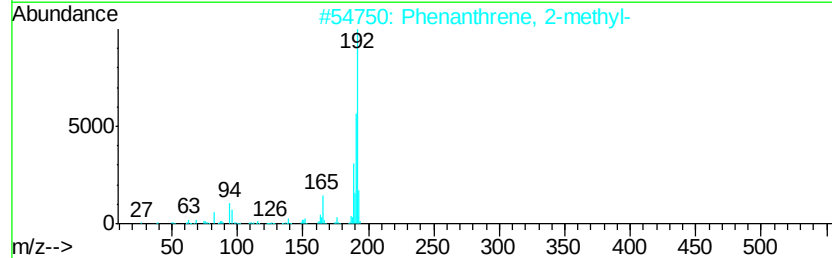
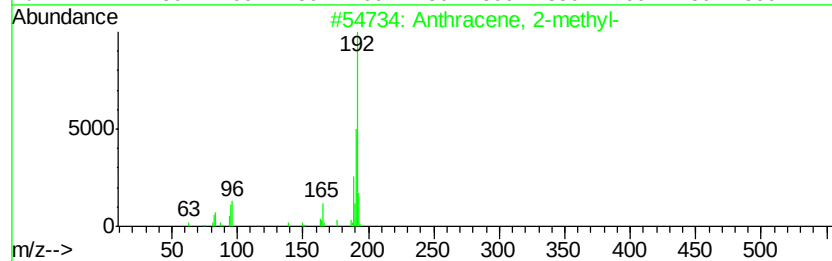
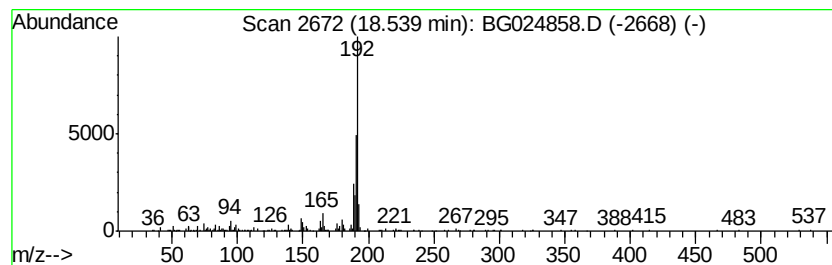
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.67 ng/ul	287447	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024858.D
Acq On : 21 Nov 2016 14:35
Operator : UM/SJ
Sample : H5694-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

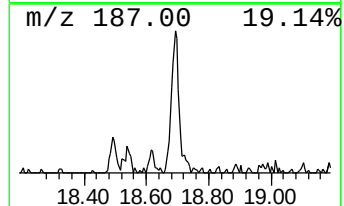
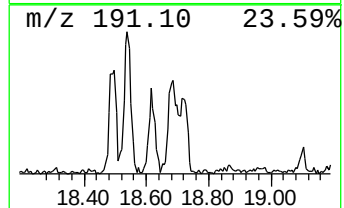
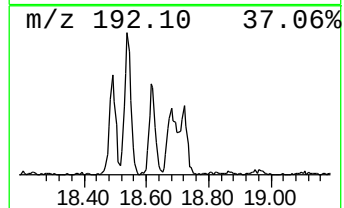
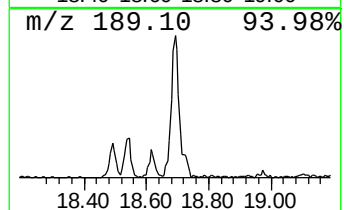
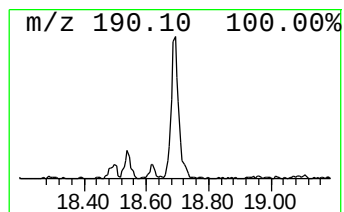
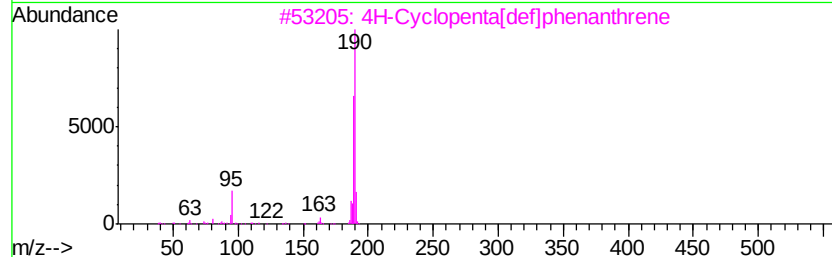
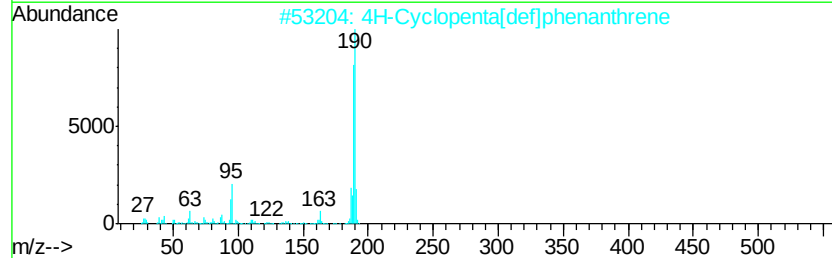
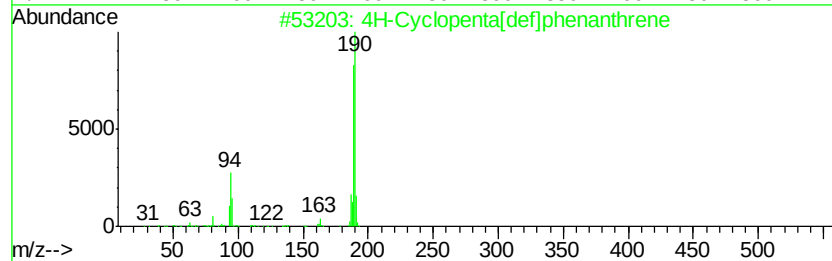
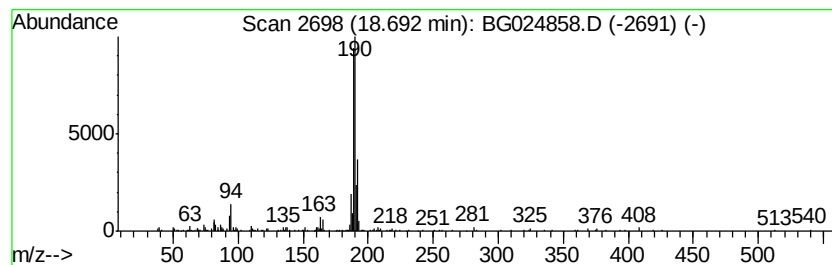
Instrument :
BNA_G
ClientSampleId :
JHSR1

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.		
18.69	4.73 ng/ul	510034	Phenanthrene-d10	17.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024858.D
Acq On : 21 Nov 2016 14:35
Operator : UM/SJ
Sample : H5694-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR1

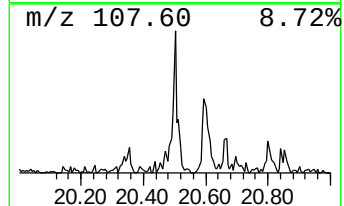
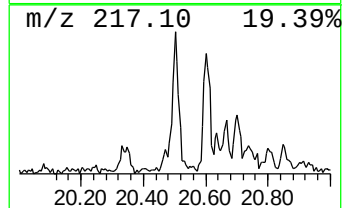
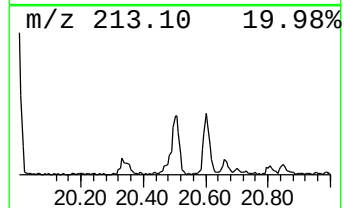
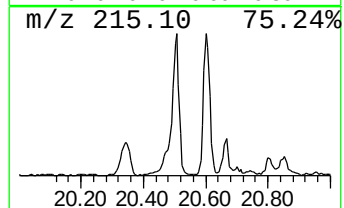
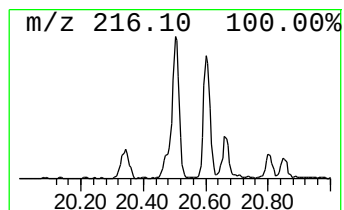
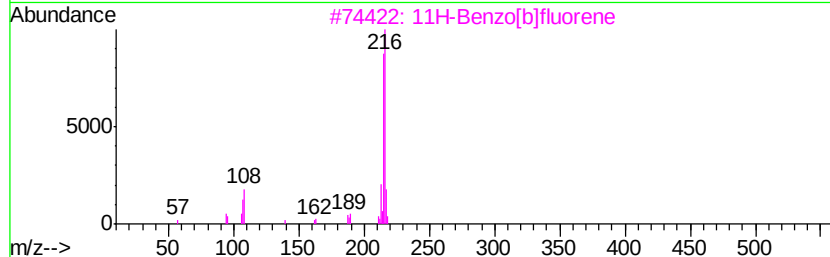
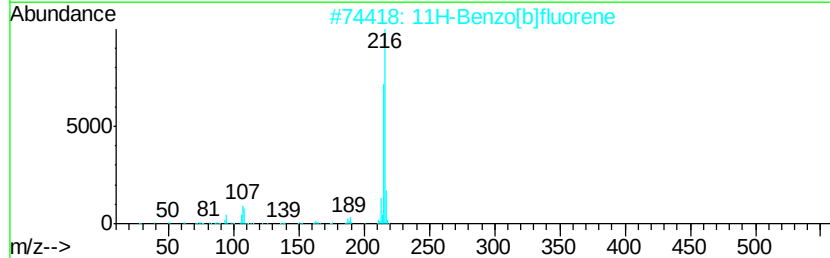
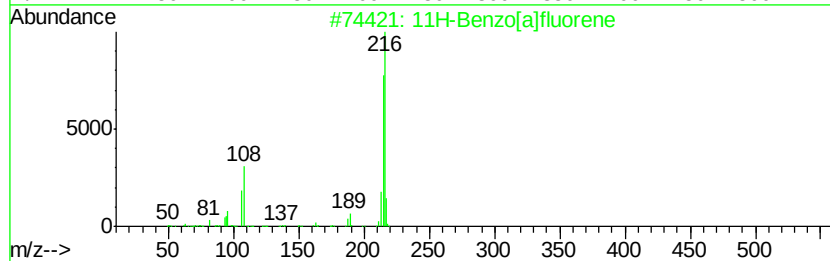
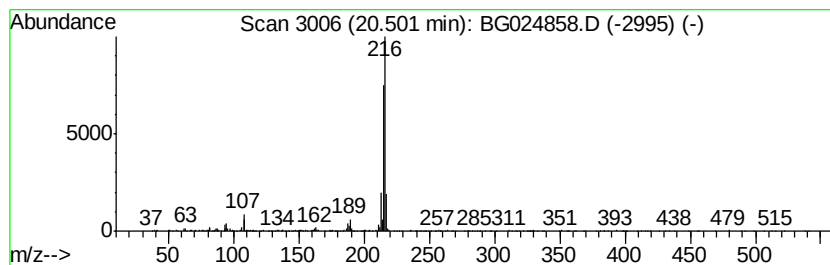
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 11H-Benzo[a]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	3.62 ng/ul	821792	Chrysene-d12	21.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024858.D
Acq On : 21 Nov 2016 14:35
Operator : UM/SJ
Sample : H5694-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR1

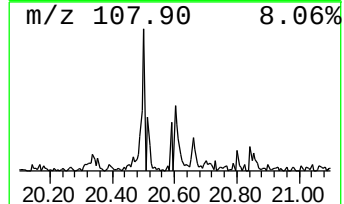
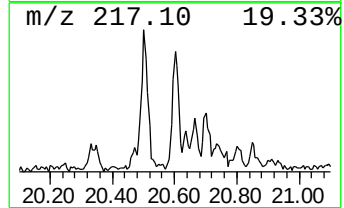
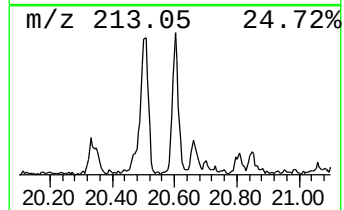
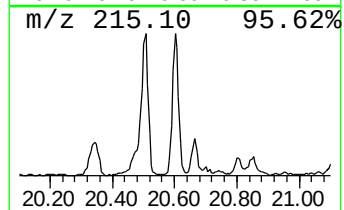
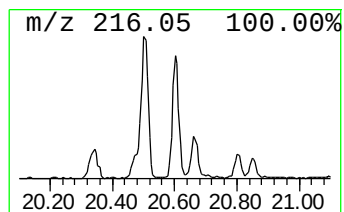
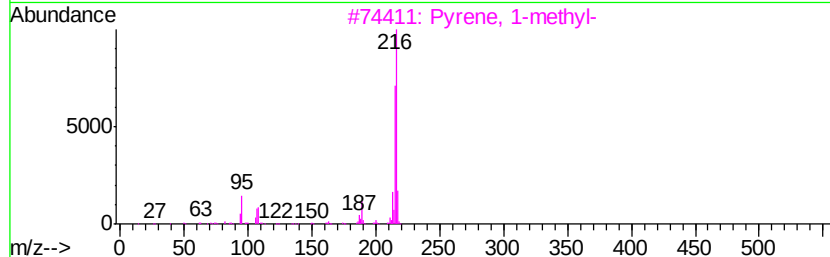
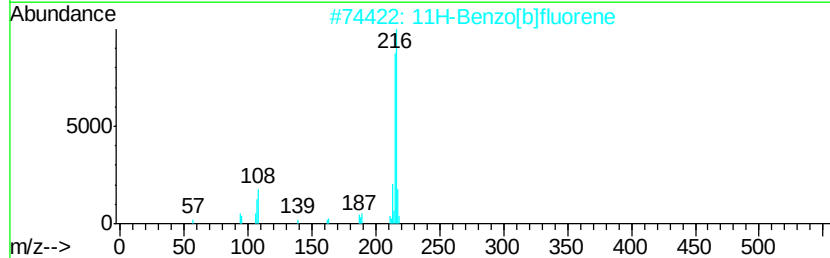
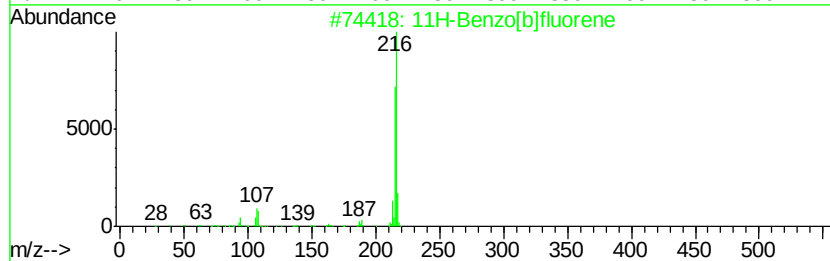
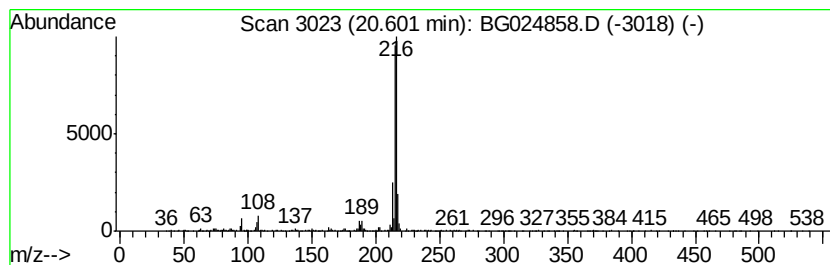
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	2.84 ng/ul	643161	Chrysene-d12	21.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	90
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112116\
Data File : BG024858.D
Acq On : 21 Nov 2016 14:35
Operator : UM/SJ
Sample : H5694-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.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
Anthracene, 9-met...	18.49	2.2	ng/ul	233777	4	17.62	2155360	20.0
Anthracene, 2-met...	18.54	2.7	ng/ul	287447	4	17.62	2155360	20.0
4H-Cyclopenta[def...	18.69	4.7	ng/ul	510034	4	17.62	2155360	20.0
11H-Benzo[a]fluorene	20.50	3.6	ng/ul	821792	5	21.92	4536820	20.0
11H-Benzo[b]fluorene	20.60	2.8	ng/ul	643161	5	21.92	4536820	20.0