

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023679.D
 Acq On : 13 Aug 2016 6:24
 Operator : UM/SJ
 Sample : H4360-22DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-1218-01DL

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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	7.274	749	755	762	rBV4	21287	41679	0.14%	0.083%
2	7.426	775	781	787	rBV3	22264	40842	0.14%	0.081%
3	7.644	812	818	824	rVB5	28858	48556	0.17%	0.096%
4	8.114	891	898	903	rBV	379309	657573	2.27%	1.305%
5	8.155	903	905	910	rVB2	34575	52938	0.18%	0.105%
6	8.842	1016	1022	1028	rBV5	18540	41397	0.14%	0.082%
7	9.294	1094	1099	1106	rVB3	30568	63586	0.22%	0.126%
8	10.029	1217	1224	1230	rBV3	27317	52693	0.18%	0.105%
9	10.593	1313	1320	1326	rBV6	28628	64382	0.22%	0.128%
10	10.951	1373	1381	1387	rBV	584566	1057832	3.65%	2.100%
11	10.998	1387	1389	1396	rVB2	21105	34887	0.12%	0.069%
12	11.104	1400	1407	1414	rBV4	19136	43681	0.15%	0.087%
13	12.825	1694	1700	1706	rBV4	14058	30023	0.10%	0.060%
14	14.182	1923	1931	1935	rBV	91041	151985	0.52%	0.302%
15	14.229	1935	1939	1945	rVB2	51161	76951	0.27%	0.153%
16	14.482	1976	1982	1987	rBV	95602	159893	0.55%	0.317%
17	14.787	2026	2034	2041	rBV	1000771	1611750	5.57%	3.199%
18	14.846	2041	2044	2051	rVB2	32177	57306	0.20%	0.114%
19	15.186	2094	2102	2106	rVV3	32624	58213	0.20%	0.116%
20	15.786	2199	2204	2209	rBV	134413	202921	0.70%	0.403%
21	15.839	2209	2213	2222	rVB	46200	91605	0.32%	0.182%
22	15.927	2222	2228	2233	rBV9	17742	40351	0.14%	0.080%
23	16.285	2284	2289	2292	rBV5	17980	30869	0.11%	0.061%
24	17.207	2442	2446	2451	rVB3	29109	50332	0.17%	0.100%
25	17.272	2451	2457	2460	rBV8	23168	42163	0.15%	0.084%
26	17.366	2469	2473	2478	rVB3	35006	62146	0.21%	0.123%
27	17.554	2498	2505	2509	rBV	1319623	2069394	7.15%	4.108%
28	17.595	2509	2512	2517	rVV	527321	716917	2.48%	1.423%
29	17.654	2517	2522	2525	rVV2	149288	252201	0.87%	0.501%
30	17.683	2525	2527	2532	rVV2	87385	121962	0.42%	0.242%
31	17.748	2532	2538	2542	rVB8	19612	39210	0.14%	0.078%
32	17.965	2568	2575	2580	rVB2	38528	75297	0.26%	0.149%
33	18.141	2600	2605	2610	rVB3	37049	66822	0.23%	0.133%
34	18.276	2625	2628	2634	rVB6	21354	37417	0.13%	0.074%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	18.429	2649	2654	2658	rVV	128915	204349	0.71%	0.406%
36	18.476	2658	2662	2670	rVB2	150572	299392	1.03%	0.594%
37	18.558	2673	2676	2681	rVB5	35255	52645	0.18%	0.104%
38	18.623	2681	2687	2691	rBV3	141248	278360	0.96%	0.553%
39	18.664	2691	2694	2698	rVB	96065	124456	0.43%	0.247%
40	18.823	2718	2721	2725	rVB5	23747	33464	0.12%	0.066%
41	18.923	2734	2738	2743	rBV2	71277	110630	0.38%	0.220%
42	18.975	2743	2747	2754	rVB3	56510	104762	0.36%	0.208%
43	19.169	2772	2780	2784	rBV5	48262	103271	0.36%	0.205%
44	19.216	2784	2788	2792	rVV2	64887	89972	0.31%	0.179%
45	19.257	2792	2795	2798	rVV3	37166	40477	0.14%	0.080%
46	19.340	2803	2809	2814	rBV	159408	257100	0.89%	0.510%
47	19.393	2814	2818	2822	rBV4	44178	79543	0.27%	0.158%
48	19.487	2828	2834	2839	rBV5	68429	142089	0.49%	0.282%
49	19.604	2849	2854	2860	rVB	648778	884128	3.05%	1.755%
50	19.663	2861	2864	2867	rBV5	33642	44851	0.15%	0.089%
51	19.751	2877	2879	2884	rBV5	25774	40204	0.14%	0.080%
52	19.939	2906	2911	2913	rBV3	256513	364949	1.26%	0.724%
53	19.974	2913	2917	2923	rVB	662025	970279	3.35%	1.926%
54	20.039	2924	2928	2933	rBV3	86274	130909	0.45%	0.260%
55	20.203	2952	2956	2963	rBV3	46659	85299	0.29%	0.169%
56	20.262	2963	2966	2968	rBV	54550	74525	0.26%	0.148%
57	20.456	2990	2999	3004	rBV2	102003	275421	0.95%	0.547%
58	20.620	3024	3027	3031	rVB	119301	149108	0.51%	0.296%
59	20.761	3047	3051	3055	rBV2	119744	172793	0.60%	0.343%
60	20.808	3056	3059	3062	rVB	87449	98177	0.34%	0.195%
61	21.190	3121	3124	3129	rVB2	152110	193469	0.67%	0.384%
62	21.372	3151	3155	3158	rVB	135560	142351	0.49%	0.283%
63	21.742	3208	3218	3225	rBV	17416821	28959246	100.00%	57.482%
64	21.872	3232	3240	3245	rBV3	1290972	2643098	9.13%	5.246%
65	21.924	3245	3249	3254	rVB	265356	452122	1.56%	0.897%
66	22.999	3426	3432	3437	rBV	335799	611872	2.11%	1.215%
67	24.192	3629	3635	3642	rBV4	144501	403855	1.39%	0.802%
68	24.656	3707	3714	3723	rBV	441124	1055999	3.65%	2.096%
69	25.108	3787	3791	3801	rVB3	144105	385955	1.33%	0.766%
70	25.279	3810	3820	3831	rBV2	694780	2074934	7.17%	4.119%

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Integrator: RTE
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Title : SVOA CALIBRATION

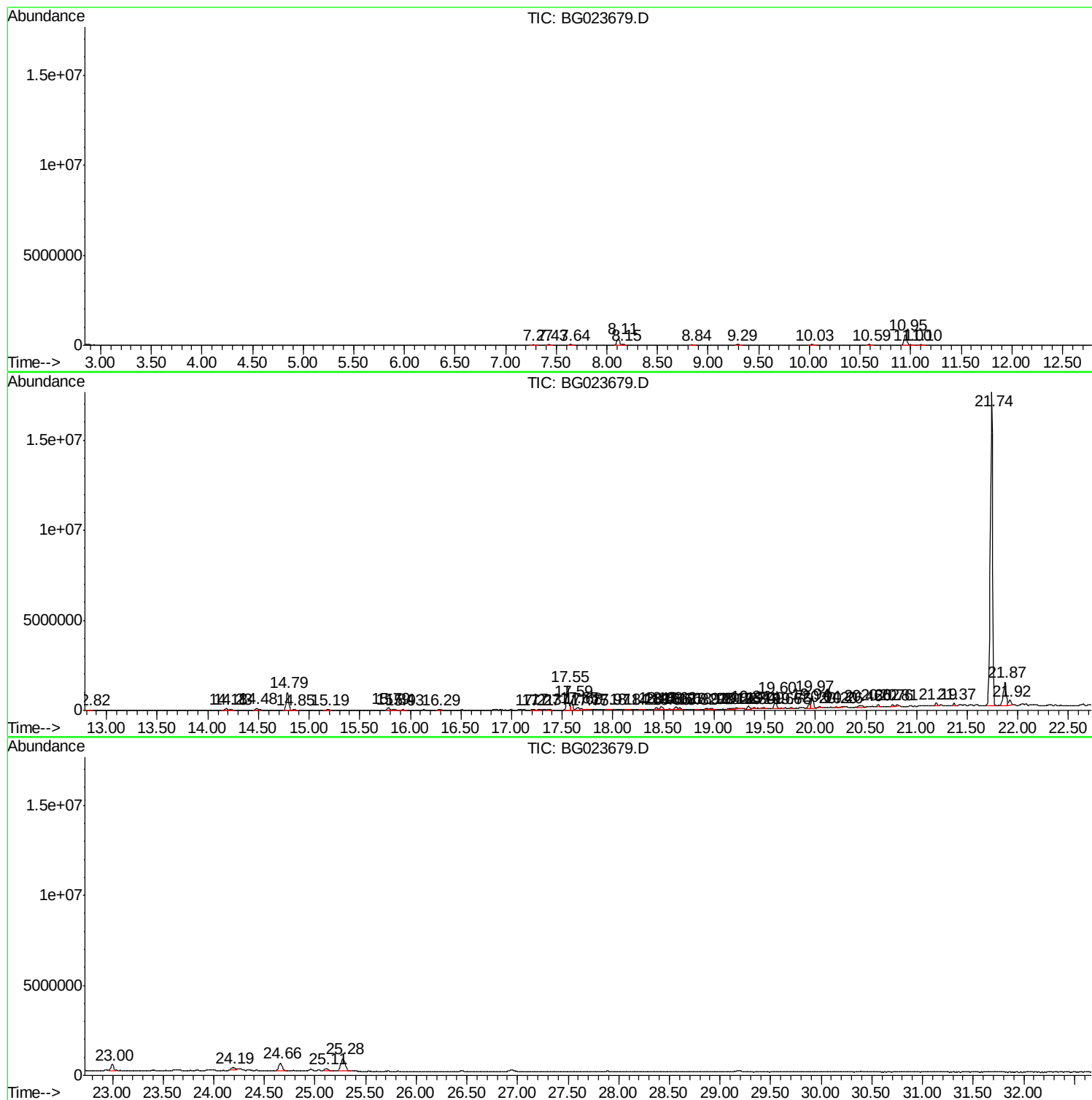
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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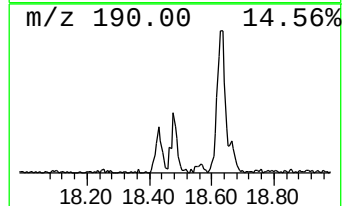
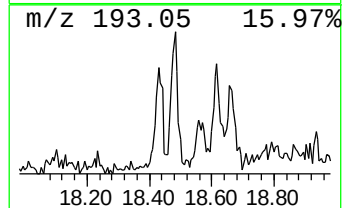
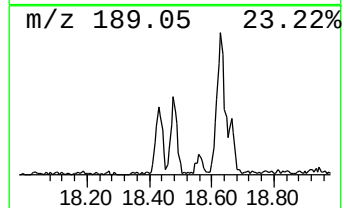
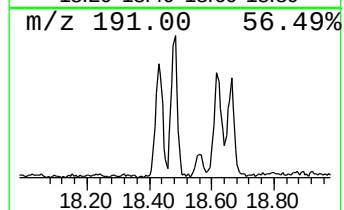
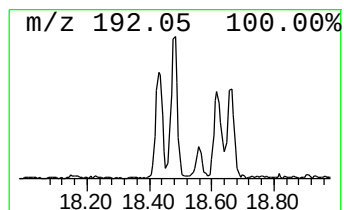
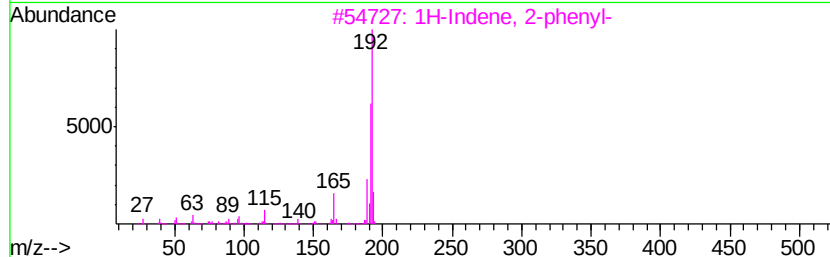
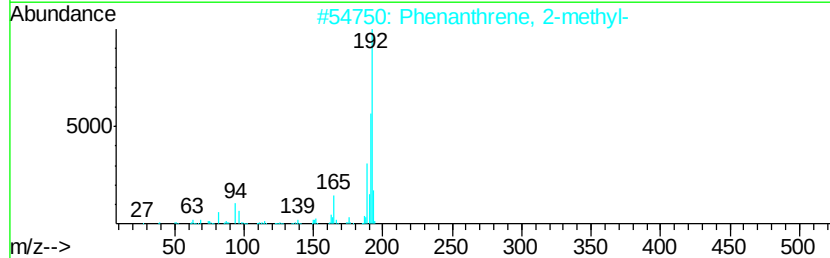
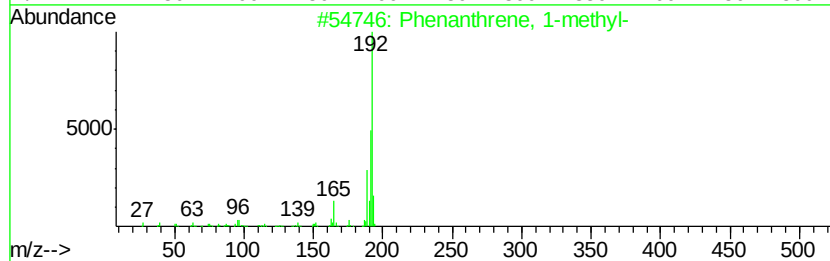
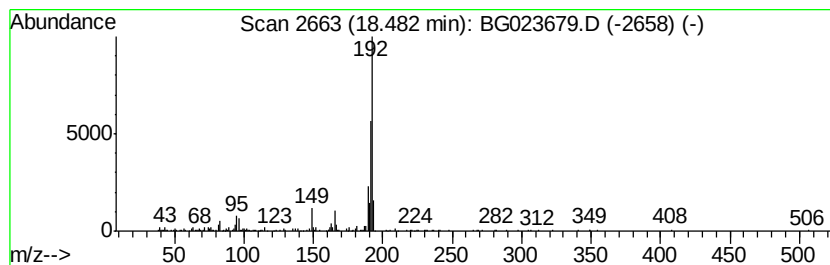
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.48	2.89 ng/ul	299392	Phenanthrene-d10	17.55		
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	93	
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93	
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81	
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76	



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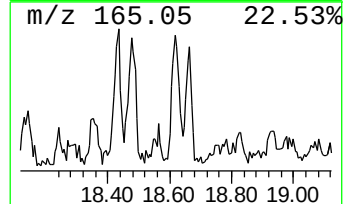
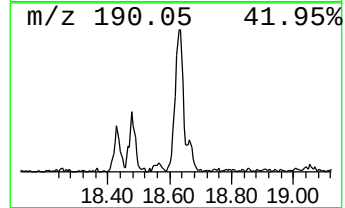
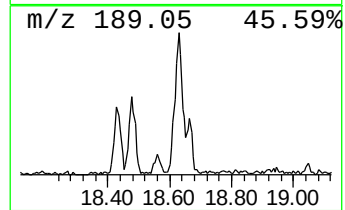
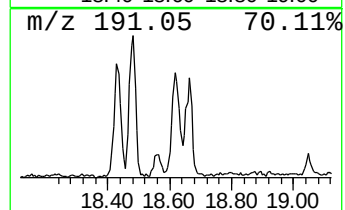
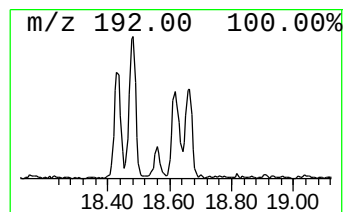
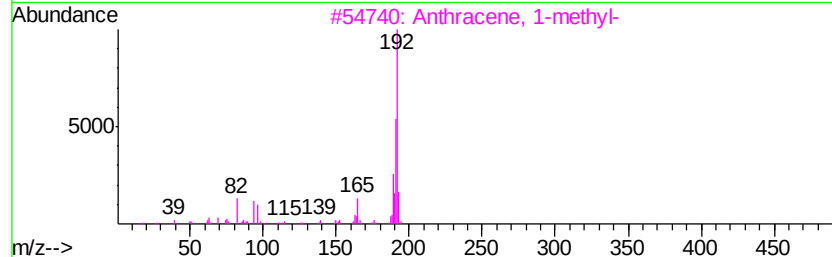
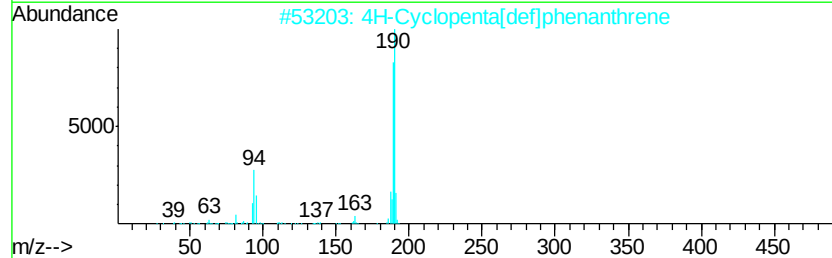
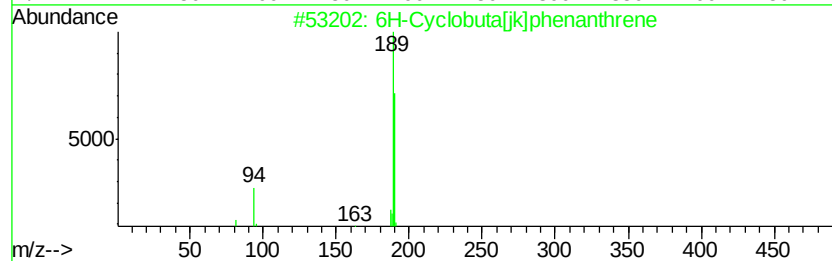
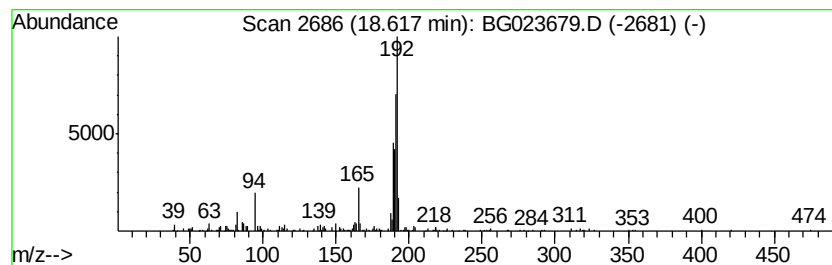
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 6H-Cyclobuta[jk]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.62	2.69 ng/ul	278360	Phenanthrene-d10		17.55		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	43
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	43



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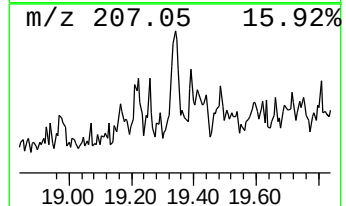
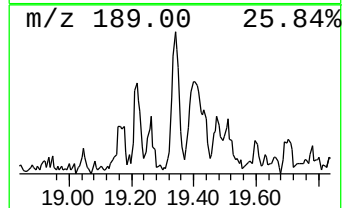
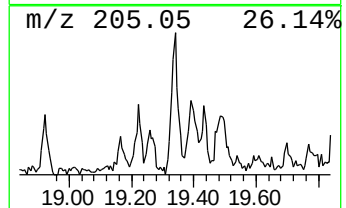
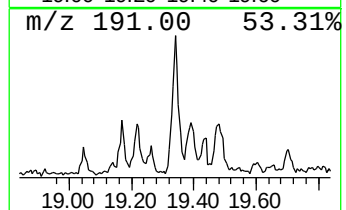
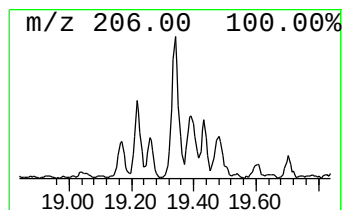
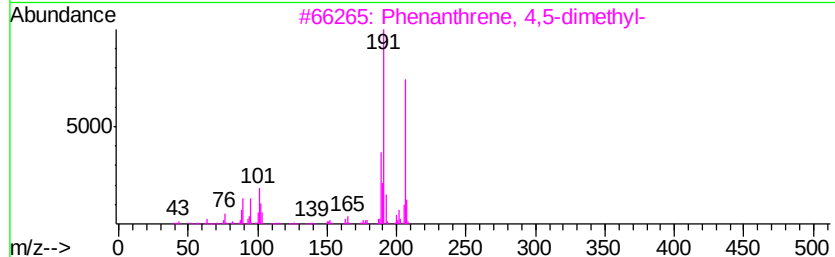
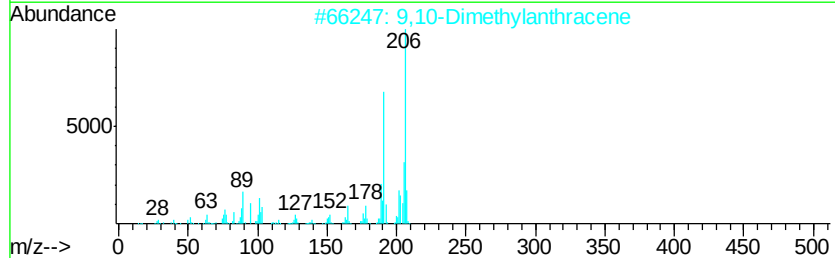
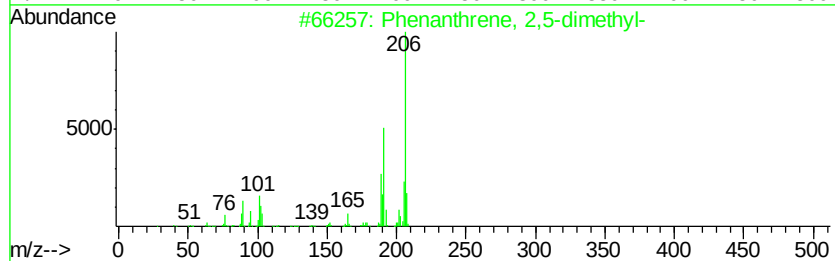
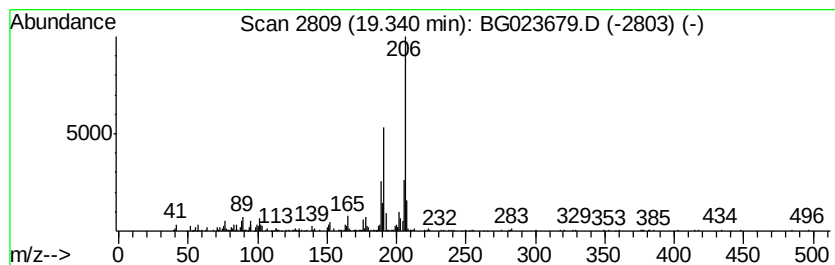
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Peak Number 3 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.34	2.48 ng/ul	257100	Phenanthrene-d10		17.55		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
4			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



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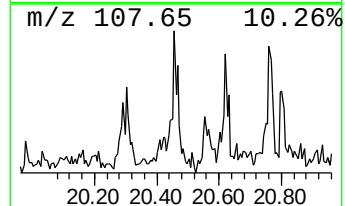
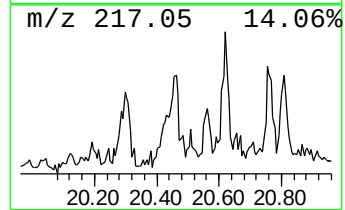
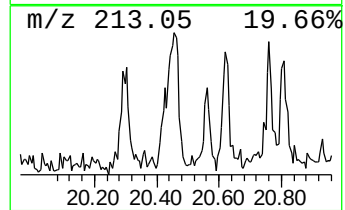
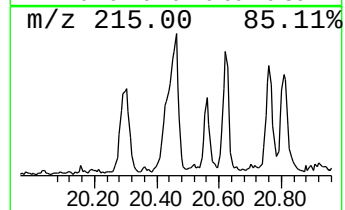
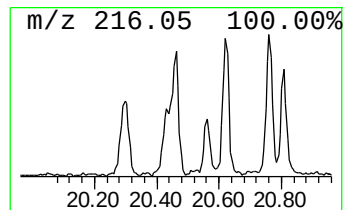
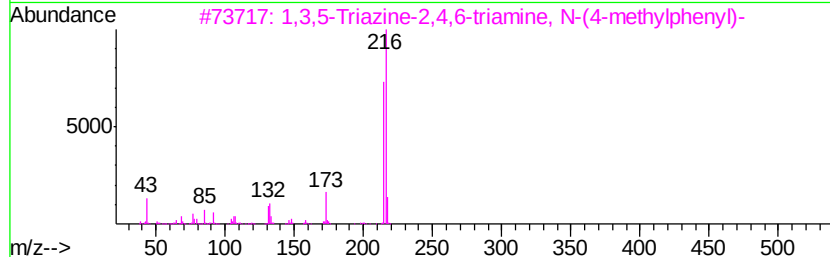
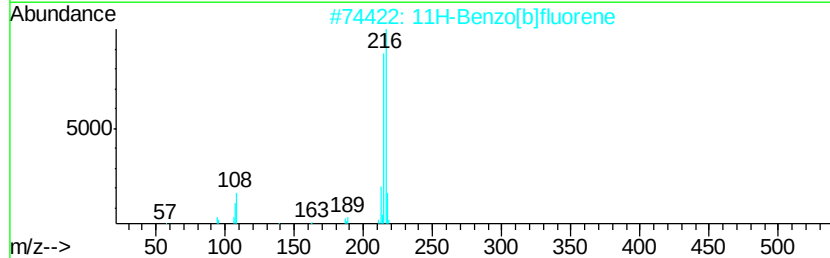
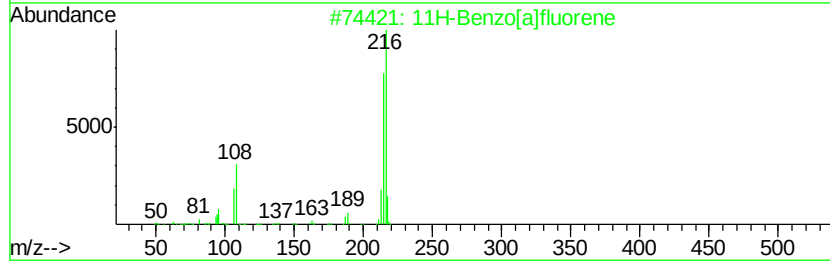
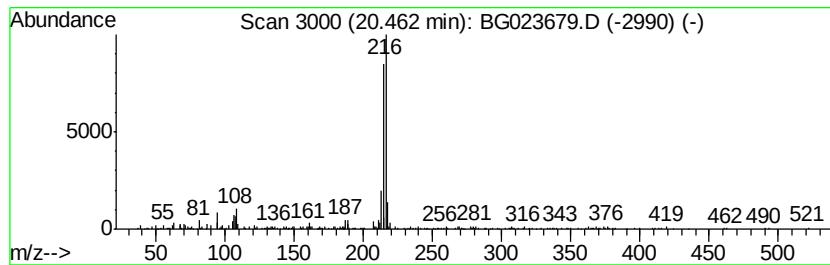
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	2.08 ng/ul	275421	Chrysene-d12	21.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 87
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 72
3		1,3,5-Triazine-2,4,6-triamine, N...	216 C10H12N6	046731-79-7 64
4		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 64
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023679.D
Acq On : 13 Aug 2016 6:24
Operator : UM/SJ
Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

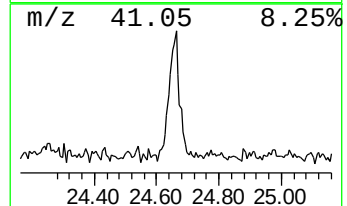
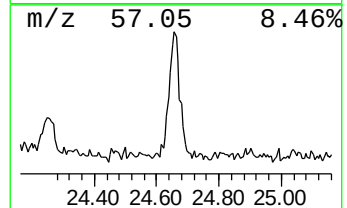
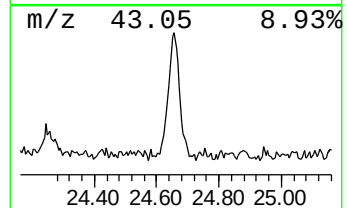
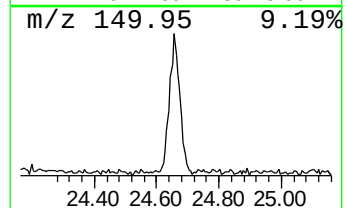
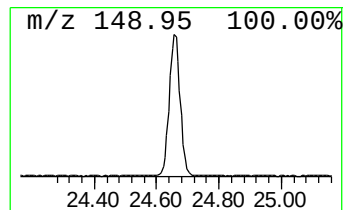
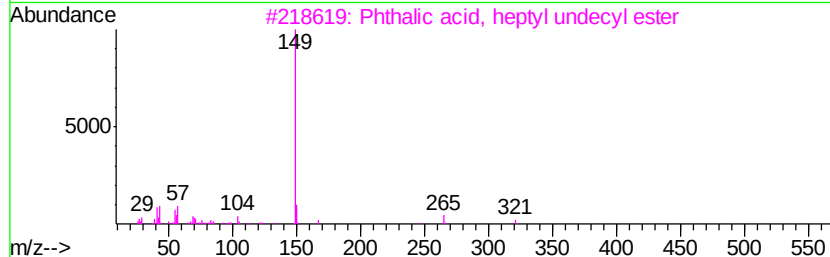
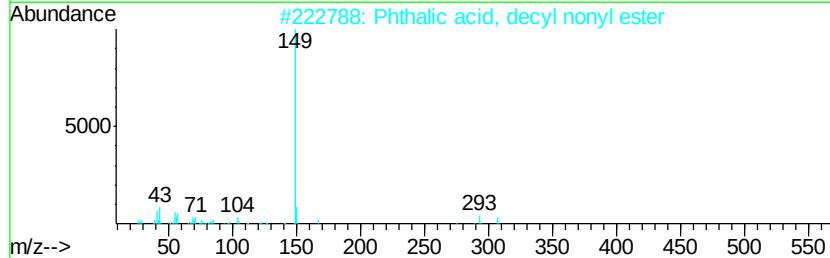
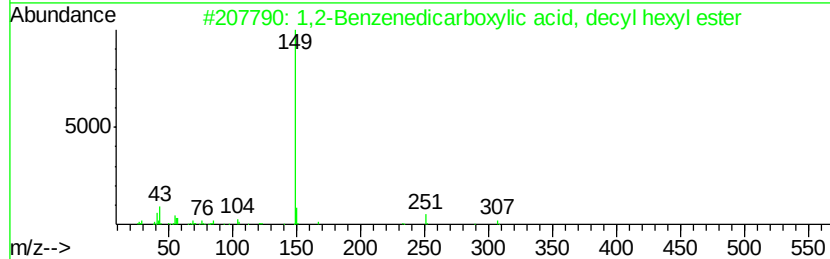
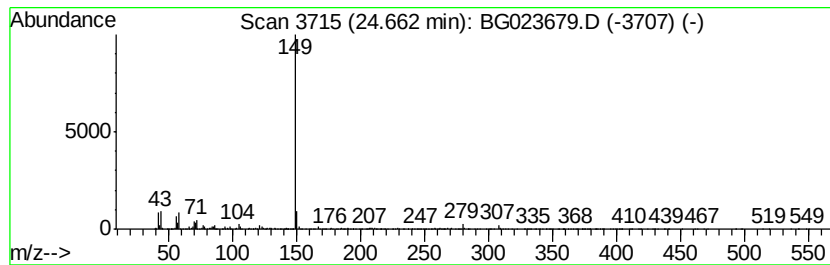
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,2-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	10.18 ng/ul	1056000	Perylene-d12	25.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, de...	390	C24H38O4	025724-58-7	80
2		Phthalic acid, decyl nonyl ester	432	C27H44O4	1000308-89-8	80
3		Phthalic acid, heptyl undecyl ester	418	C26H42O4	1000308-94-0	72
4		Phthalic acid, 3-methylbut-3-eny...	360	C22H32O4	1000357-10-7	72
5		Phthalic acid, pentyl pentadecyl...	446	C28H46O4	1000308-92-9	72



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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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...	18.48	2.9	ng/ul	299392	4	17.55	2069390	20.0
6H-Cyclobuta[jk]p...	18.62	2.7	ng/ul	278360	4	17.55	2069390	20.0
Phenanthrene, 2,5...	19.34	2.5	ng/ul	257100	4	17.55	2069390	20.0
11H-Benzo[a]fluorene	20.46	2.1	ng/ul	275421	5	21.88	2643100	20.0
1,2-Benzenedicarb...	24.66	10.2	ng/ul	1056000	6	25.28	2074930	20.0