

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
 Data File : BG026942.D
 Acq On : 10 May 2017 17:35
 Operator : SJ/MA
 Sample : I2842-18DL 25X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC38DL

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\SOM-EPA-BG042717.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	7.204	695	700	708	rBV4	18883	40203	0.58%	0.067%
2	7.333	719	722	733	rVB3	23993	45775	0.66%	0.076%
3	7.480	745	747	753	rVB3	4516	6985	0.10%	0.012%
4	7.556	754	760	769	rVB4	24191	52519	0.75%	0.087%
5	8.009	829	837	853	rVB	566218	984574	14.14%	1.634%
6	8.743	956	962	976	rVB4	26200	58864	0.85%	0.098%
7	9.178	1030	1036	1045	rBV2	22049	46066	0.66%	0.076%
8	9.895	1153	1158	1172	rBV4	20001	44840	0.64%	0.074%
9	10.459	1245	1254	1264	rBV6	21025	58834	0.84%	0.098%
10	10.811	1300	1314	1329	rBV	901856	1703945	24.47%	2.827%
11	10.964	1332	1340	1352	rVB	5675	19398	0.28%	0.032%
12	12.462	1587	1595	1605	rBV2	17079	37809	0.54%	0.063%
13	12.686	1623	1633	1640	rBV4	19667	39802	0.57%	0.066%
14	13.455	1756	1764	1772	rBV7	10860	31783	0.46%	0.053%
15	13.796	1815	1822	1831	rBV8	14072	42732	0.61%	0.071%
16	13.949	1839	1848	1853	rBV4	20675	45164	0.65%	0.075%
17	14.019	1853	1860	1865	rVV2	56213	112617	1.62%	0.187%
18	14.072	1865	1869	1878	rVV	28079	48283	0.69%	0.080%
19	14.184	1878	1888	1901	rVB9	16250	43277	0.62%	0.072%
20	14.319	1904	1911	1925	rBV2	83680	208509	2.99%	0.346%
21	14.507	1937	1943	1947	rBV7	9448	13439	0.19%	0.022%
22	14.625	1948	1963	1969	rBV2	1262667	2053229	29.48%	3.407%
23	14.683	1969	1973	1982	rVB	187496	299454	4.30%	0.497%
24	14.754	1982	1985	1992	rVB4	7940	12628	0.18%	0.021%
25	14.836	1992	1999	2000	rBV5	7867	15530	0.22%	0.026%
26	14.936	2007	2016	2020	rBV5	17772	44758	0.64%	0.074%
27	15.018	2024	2030	2039	rBV	91460	154992	2.23%	0.257%
28	15.095	2039	2043	2048	rVB5	15065	27313	0.39%	0.045%
29	15.242	2062	2068	2071	rBV8	17863	34420	0.49%	0.057%
30	15.294	2073	2077	2083	rVB6	12892	19765	0.28%	0.033%
31	15.412	2091	2097	2100	rBV8	12853	27621	0.40%	0.046%
32	15.447	2102	2103	2108	rVB5	16924	16462	0.24%	0.027%
33	15.612	2124	2131	2135	rBV	99804	158115	2.27%	0.262%
34	15.665	2135	2140	2150	rVB	246857	389724	5.60%	0.647%

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35	15.759	2151	2156	2158	rBV6	19418	31607	0.45%	0.052%
36	15.794	2158	2162	2164	rVB3	23584	29558	0.42%	0.049%
37	15.829	2165	2168	2173	rVV5	26284	40286	0.58%	0.067%
38	15.876	2173	2176	2179	rVV5	12515	18824	0.27%	0.031%
39	15.911	2179	2182	2186	rVV4	16670	26780	0.38%	0.044%
40	15.958	2186	2190	2197	rVB	57219	91012	1.31%	0.151%
41	16.105	2211	2215	2224	rVB	51303	104473	1.50%	0.173%
42	16.317	2245	2251	2253	rBV7	27653	47396	0.68%	0.079%
43	16.469	2273	2277	2280	rBV6	14834	27356	0.39%	0.045%
44	16.669	2299	2311	2315	rBV4	68259	192049	2.76%	0.319%
45	16.716	2316	2319	2325	rVV3	34121	54231	0.78%	0.090%
46	16.816	2333	2336	2341	rBV5	27588	43484	0.62%	0.072%
47	16.893	2347	2349	2352	rBV3	19094	20463	0.29%	0.034%
48	17.016	2365	2370	2376	rBV2	85137	130290	1.87%	0.216%
49	17.110	2379	2386	2391	rBV4	122231	243961	3.50%	0.405%
50	17.180	2394	2398	2406	rVB	102148	162996	2.34%	0.270%
51	17.363	2422	2429	2432	rBV2	1263291	1968034	28.26%	3.265%
52	17.404	2432	2436	2441	rVB	2538462	3613038	51.88%	5.995%
53	17.457	2442	2445	2447	rVV2	127924	178959	2.57%	0.297%
54	17.492	2447	2451	2457	rVV	559919	847992	12.18%	1.407%
55	17.551	2457	2461	2466	rVB2	64631	113513	1.63%	0.188%
56	17.762	2489	2497	2505	rBV2	243410	476882	6.85%	0.791%
57	17.874	2512	2516	2520	rBV3	53803	79509	1.14%	0.132%
58	17.938	2525	2527	2531	rBV5	29418	36837	0.53%	0.061%
59	18.232	2572	2577	2581	rBV	274292	373172	5.36%	0.619%
60	18.279	2581	2585	2591	rVB	411442	575453	8.26%	0.955%
61	18.361	2594	2599	2605	rBV	152024	229269	3.29%	0.380%
62	18.432	2605	2611	2615	rBV4	566389	1071557	15.39%	1.778%
63	18.532	2624	2628	2631	rBV6	45844	83568	1.20%	0.139%
64	18.579	2633	2636	2641	rBV5	65007	89115	1.28%	0.148%
65	18.726	2656	2661	2665	rBV	219351	344864	4.95%	0.572%
66	18.773	2665	2669	2674	rVB	177483	273067	3.92%	0.453%
67	19.143	2728	2732	2737	rBV2	121430	221079	3.17%	0.367%
68	19.290	2752	2757	2762	rBV2	176117	330851	4.75%	0.549%
69	19.413	2771	2778	2784	rBV	4567129	6878184	98.77%	11.413%
70	19.648	2816	2818	2822	rVB	108710	128836	1.85%	0.214%
71	19.772	2828	2839	2846	rBV2	3842984	6963938	100.00%	11.555%

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72	19.836	2847	2850	2857	rVV2	145579	232221	3.33%	0.385%
73	19.942	2865	2868	2873	rVB	207515	279050	4.01%	0.463%
74	20.007	2875	2879	2885	rBV	250747	420596	6.04%	0.698%
75	20.083	2888	2892	2899	rBV3	260660	632509	9.08%	1.049%
76	20.259	2912	2922	2927	rBV	772496	1264821	18.16%	2.099%
77	20.353	2934	2938	2942	rBV	574210	738288	10.60%	1.225%
78	21.017	3047	3051	3057	rVB	337880	552353	7.93%	0.916%
79	21.193	3077	3081	3084	rBV	341587	477902	6.86%	0.793%
80	21.235	3084	3088	3092	rVV	383747	637733	9.16%	1.058%
81	21.287	3094	3097	3102	rVB2	368523	553298	7.95%	0.918%
82	21.599	3143	3150	3156	rBV3	2381424	5902433	84.76%	9.794%
83	21.658	3156	3160	3178	rVB	1896374	3546270	50.92%	5.884%
84	21.810	3181	3186	3192	rBV	348410	689238	9.90%	1.144%
85	23.784	3513	3522	3529	rBV2	1320423	4548373	65.31%	7.547%
86	24.031	3560	3564	3575	rVB2	311191	738709	10.61%	1.226%
87	24.495	3636	3643	3655	rVB2	718336	1969160	28.28%	3.267%
88	24.636	3659	3667	3680	rBV	972519	2704146	38.83%	4.487%
89	24.783	3686	3692	3700	rVB2	520782	1298997	18.65%	2.155%

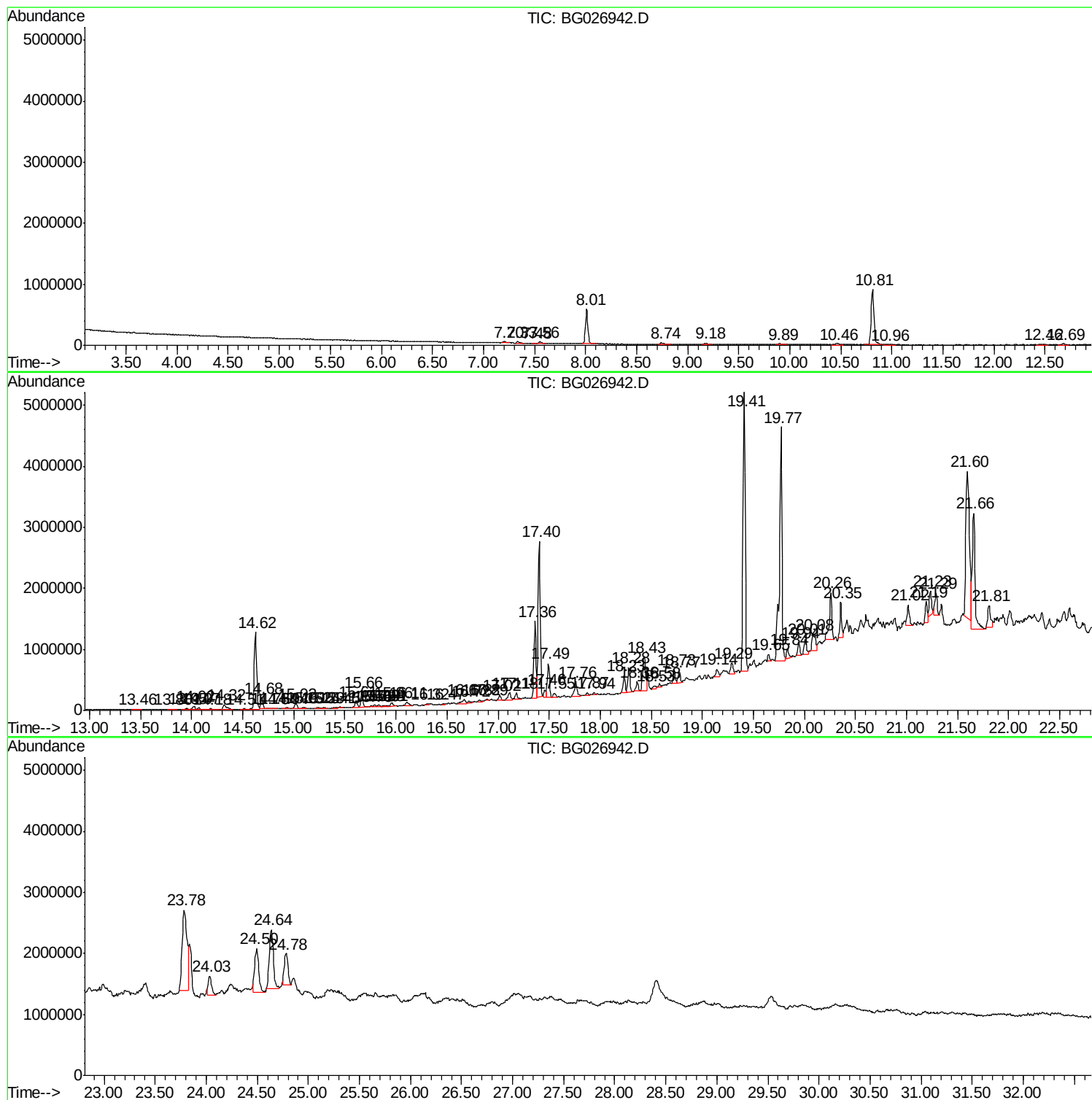
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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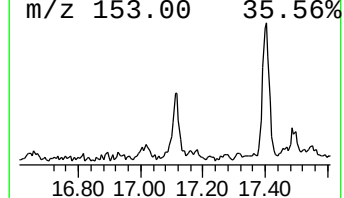
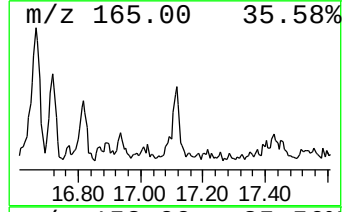
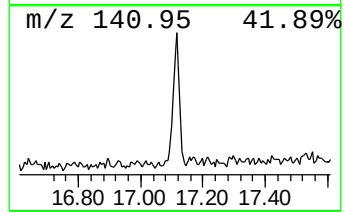
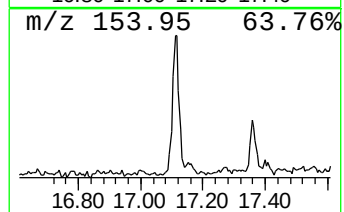
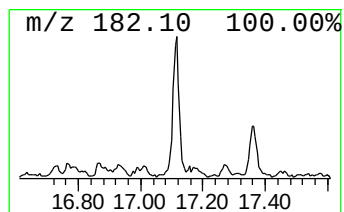
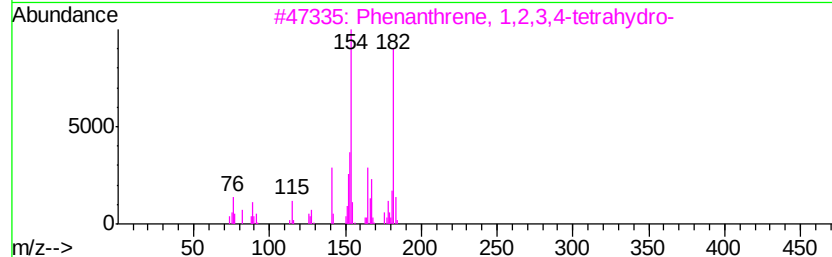
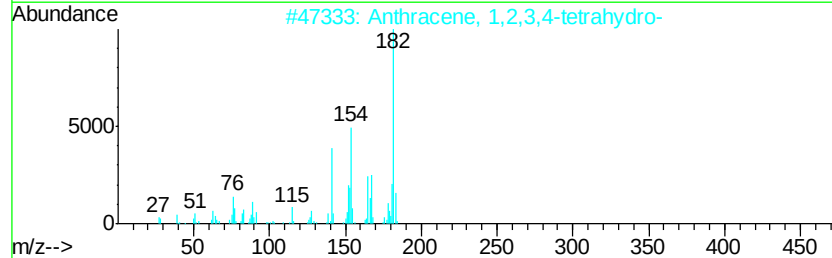
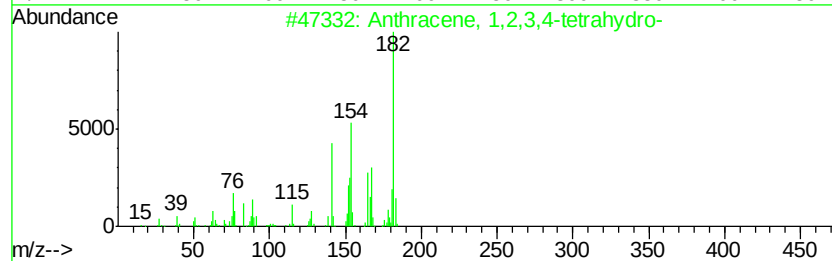
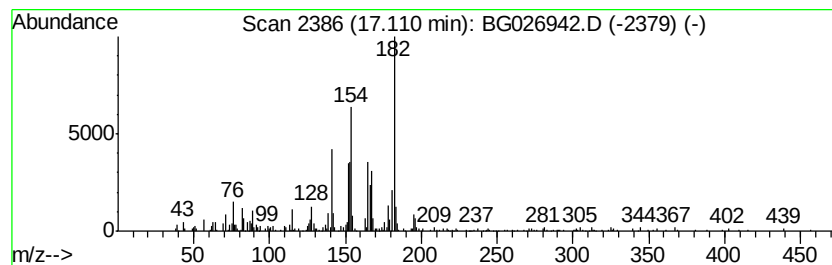
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	2.48 ng/ul	243961	Phenanthrene-d10	17.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	93
2			Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	76
3			Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	64
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	60
5			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	60



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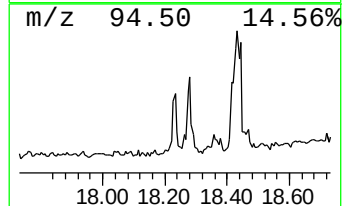
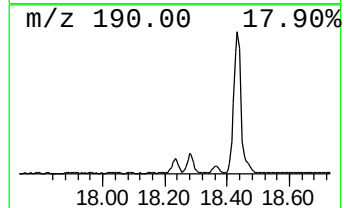
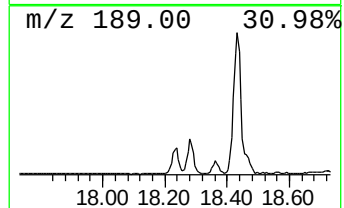
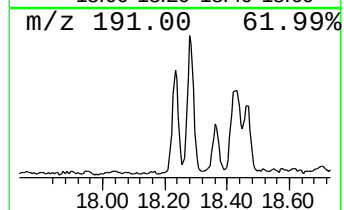
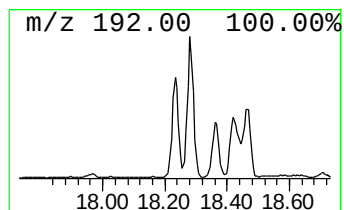
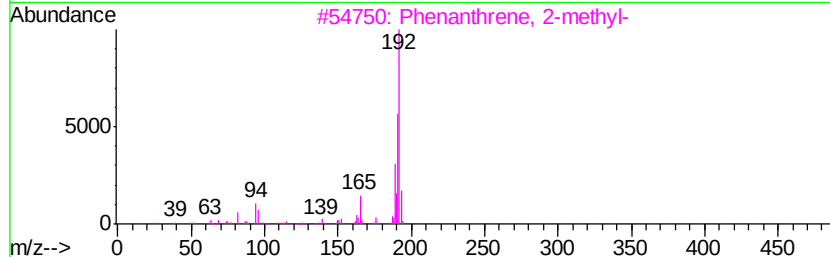
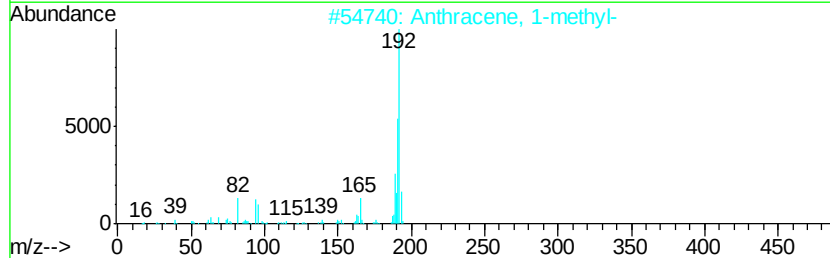
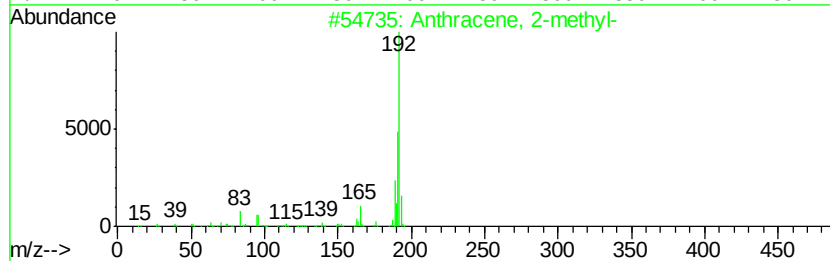
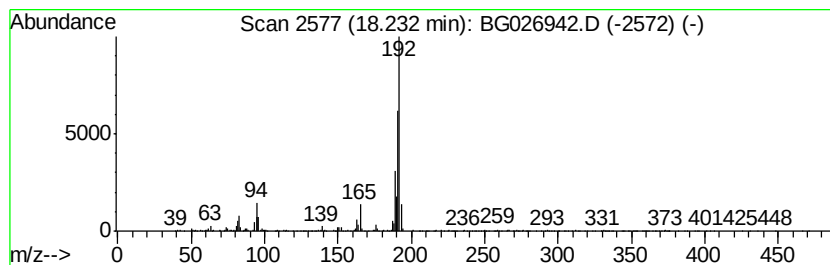
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	3.79 ng/ul	373172	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



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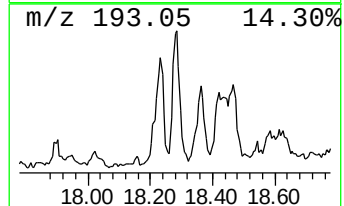
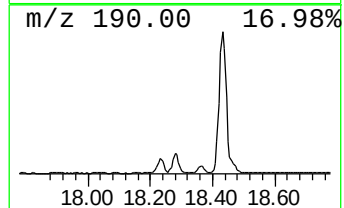
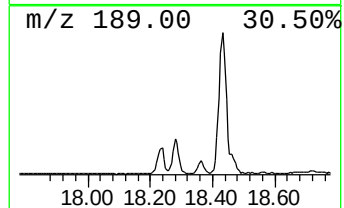
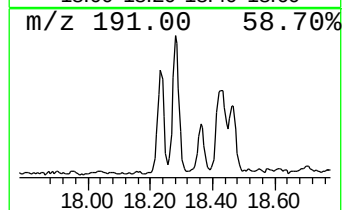
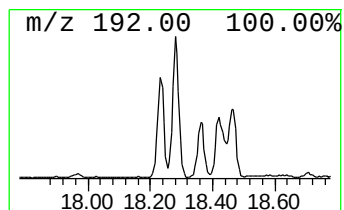
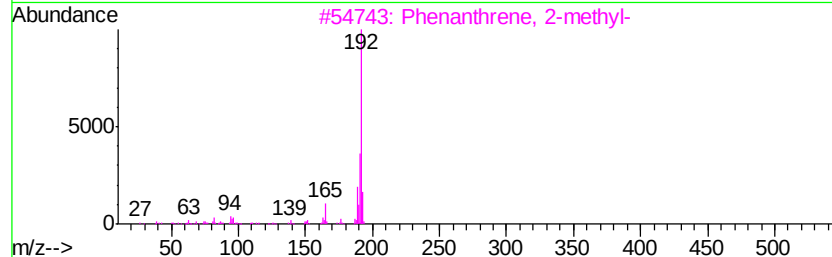
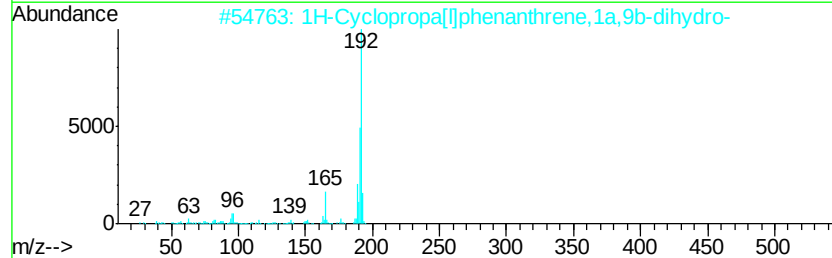
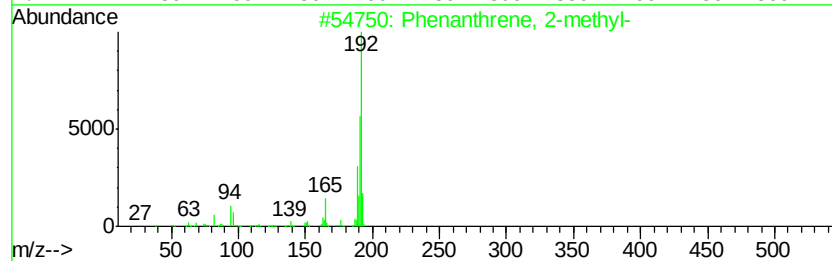
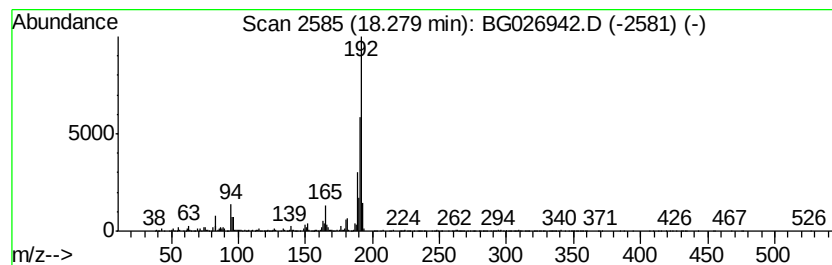
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.28	5.85 ng/ul	575453	Phenanthrene-d10	17.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



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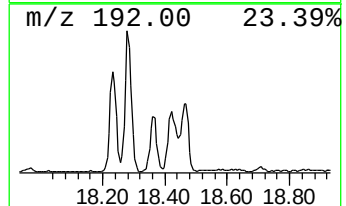
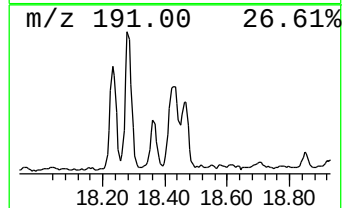
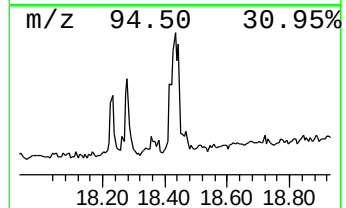
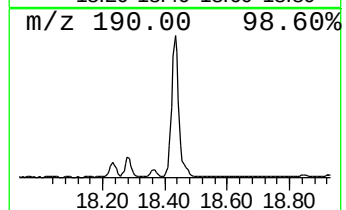
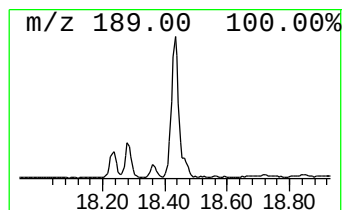
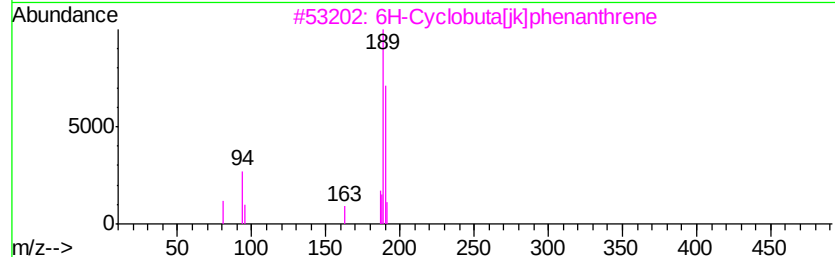
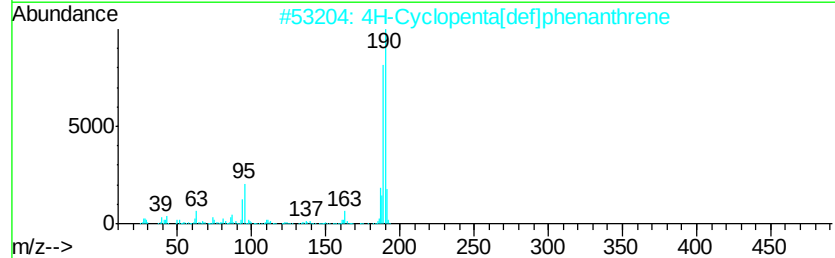
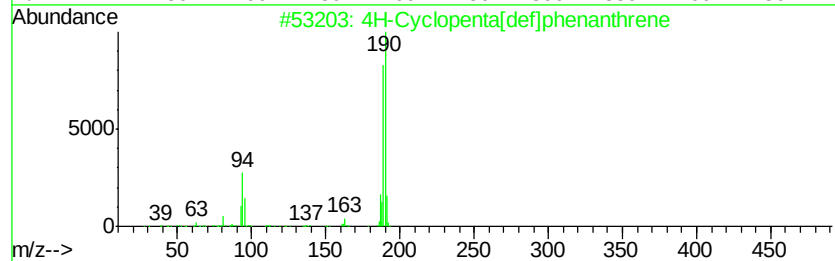
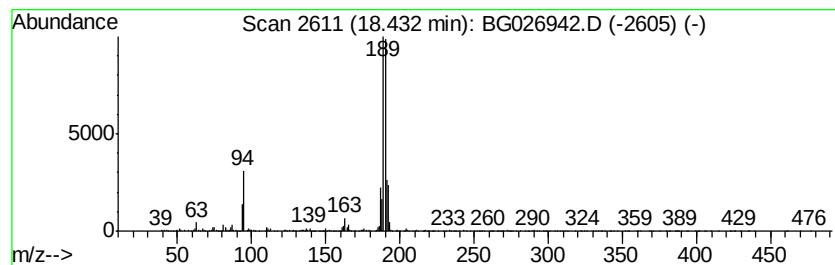
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BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.43	10.89 ng/ul	1071560	Phenanthrene-d10		17.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026942.D
Acq On : 10 May 2017 17:35
Operator : SJ/MA
Sample : I2842-18DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC38DL

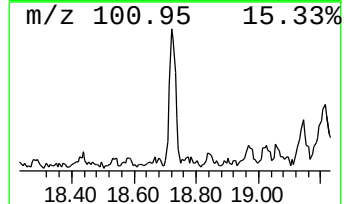
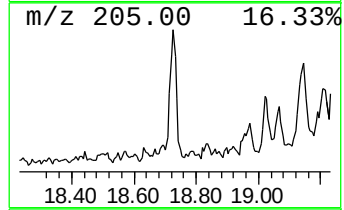
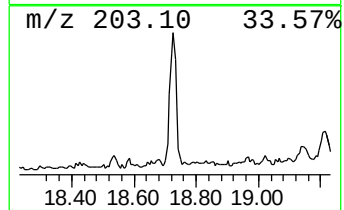
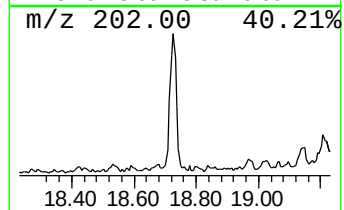
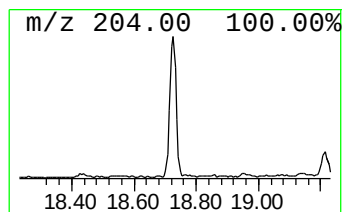
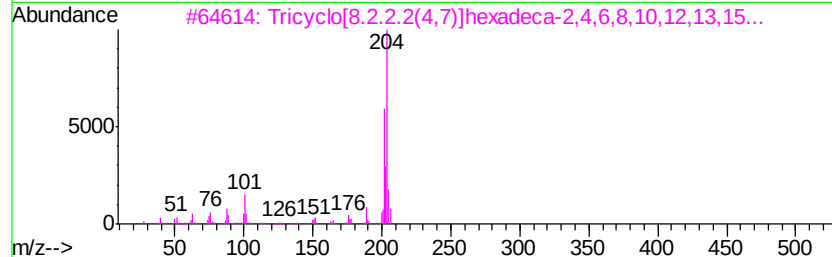
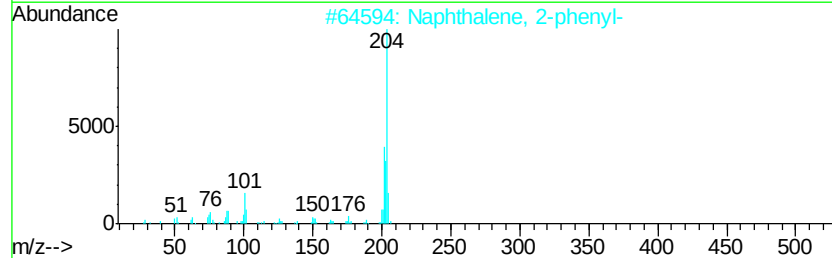
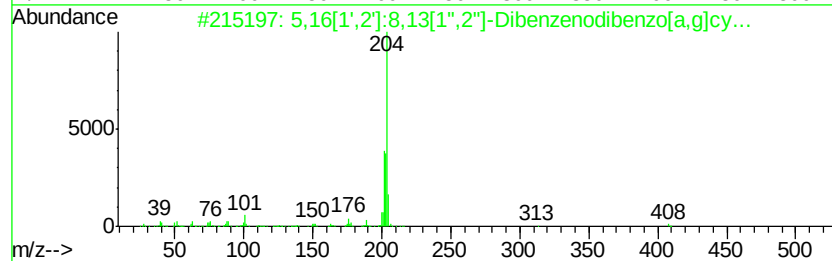
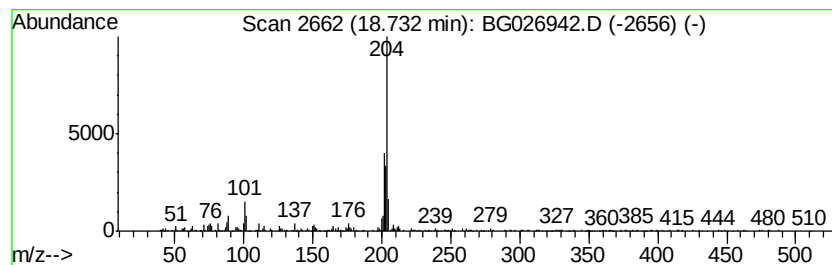
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	3.50 ng/ul	344864	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026942.D
Acq On : 10 May 2017 17:35
Operator : SJ/MA
Sample : I2842-18DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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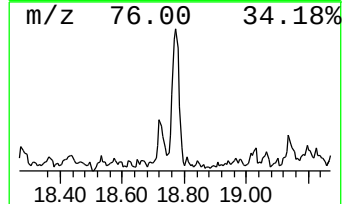
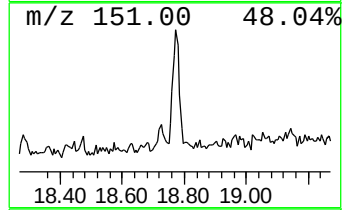
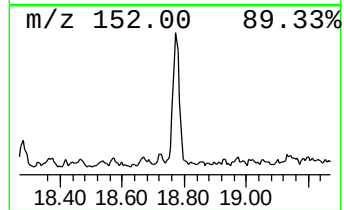
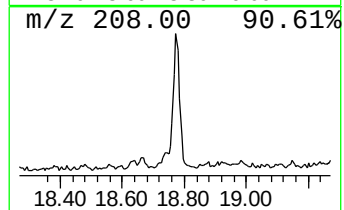
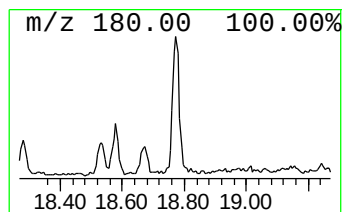
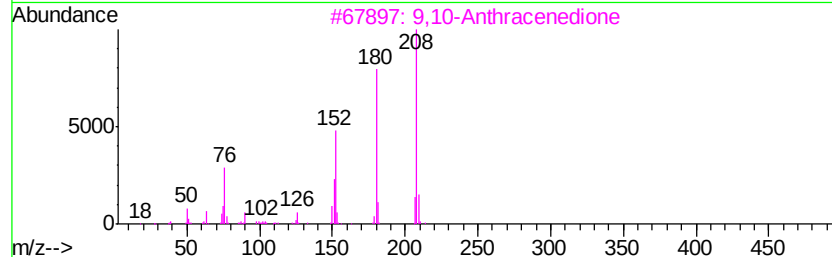
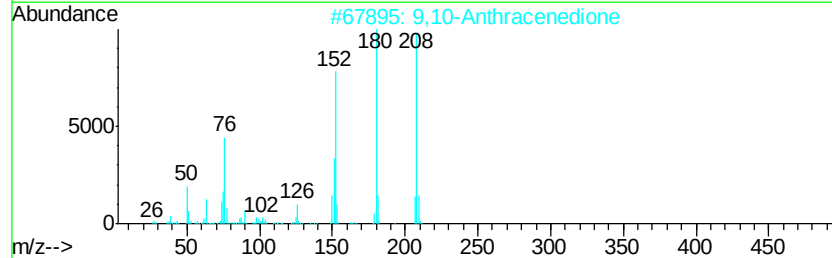
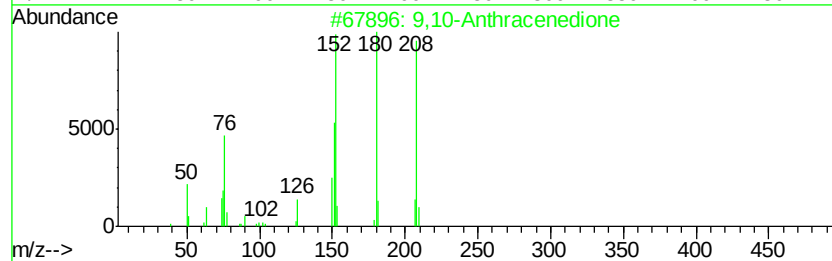
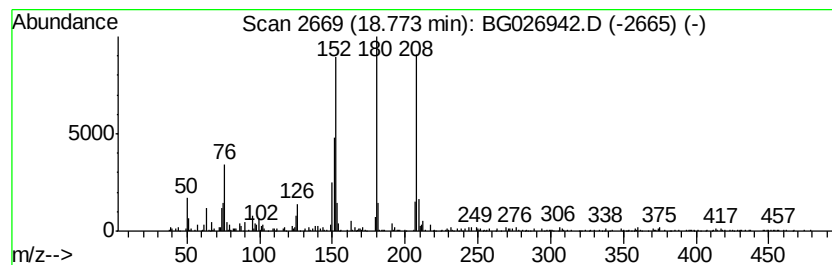
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.78 ng/ul	273067	Phenanthrene-d10	17.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione		208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione		208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione		208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	91
5	9H-Fluoren-9-one		180	C13H8O	000486-25-9	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026942.D
Acq On : 10 May 2017 17:35
Operator : SJ/MA
Sample : I2842-18DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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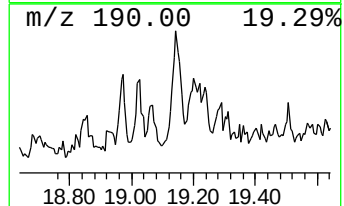
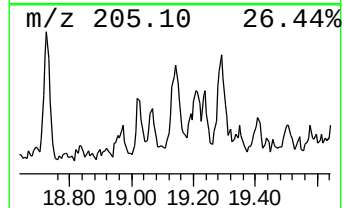
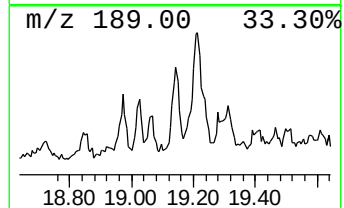
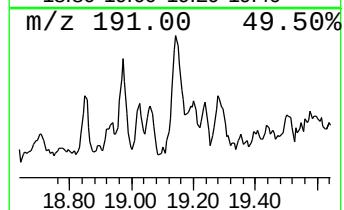
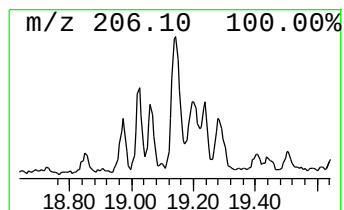
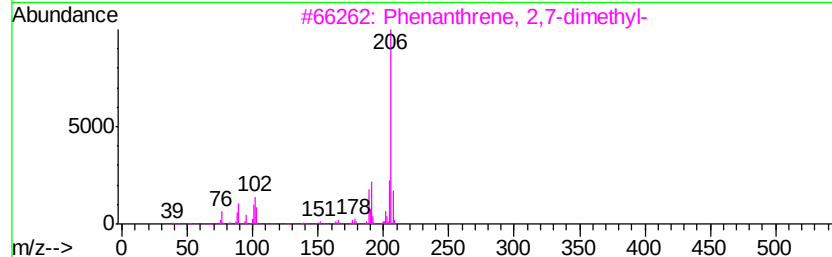
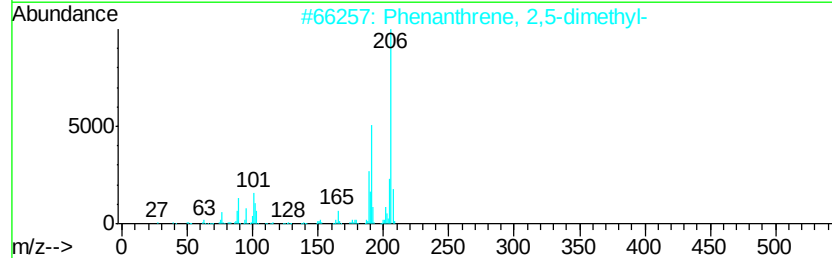
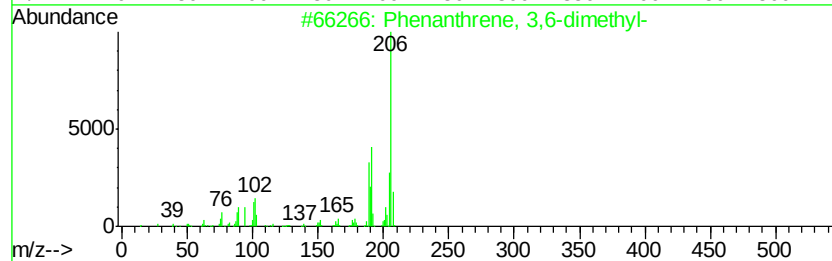
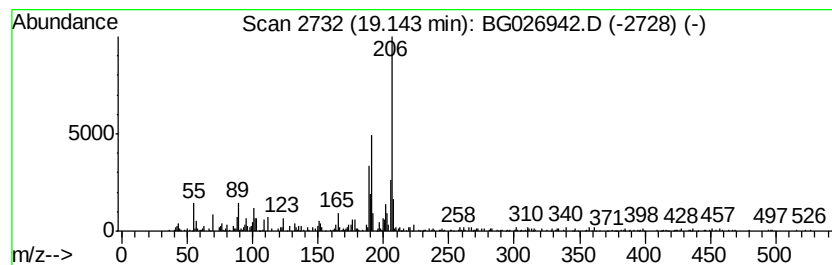
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.25 ng/ul	221079	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026942.D
Acq On : 10 May 2017 17:35
Operator : SJ/MA
Sample : I2842-18DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

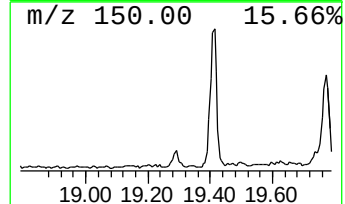
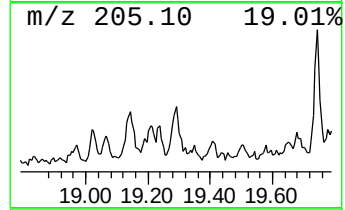
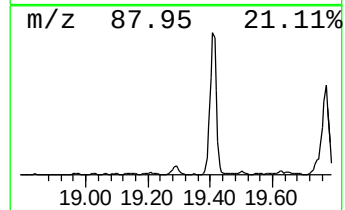
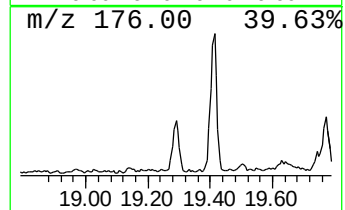
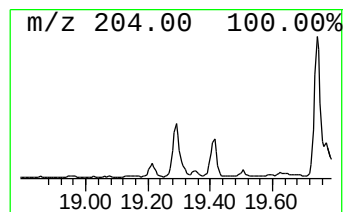
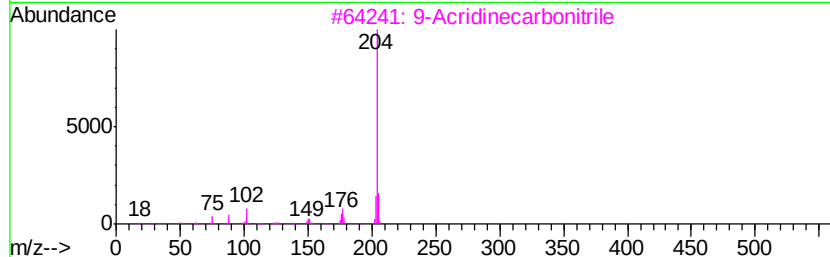
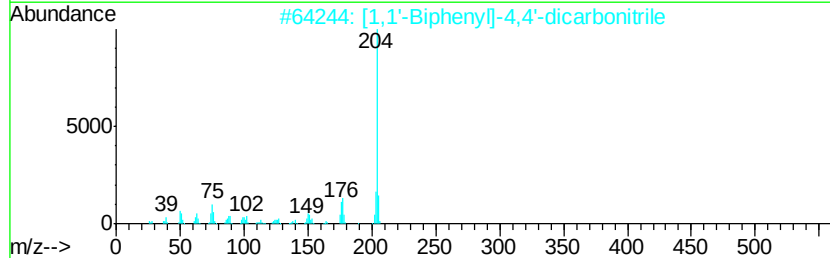
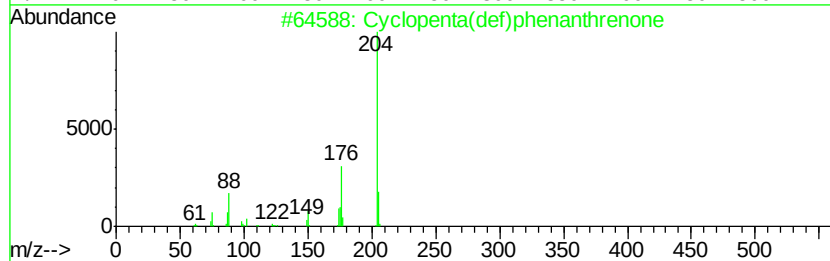
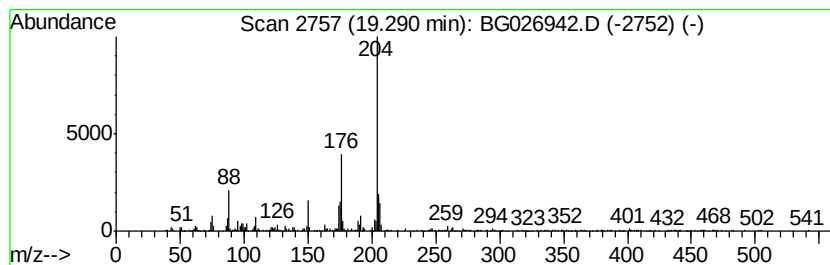
Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.29	3.36 ng/ul	330851	Phenanthrene-d10	17.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49
4		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	46
5		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	45



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026942.D
Acq On : 10 May 2017 17:35
Operator : SJ/MA
Sample : I2842-18DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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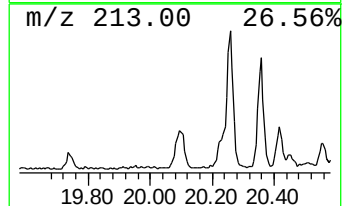
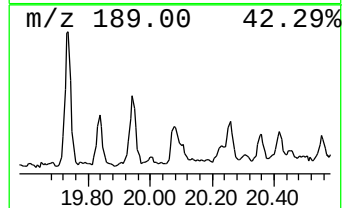
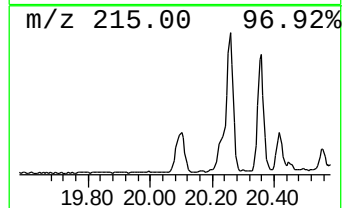
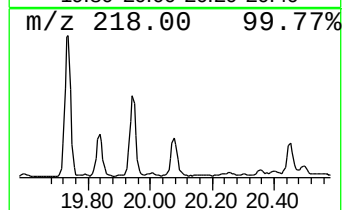
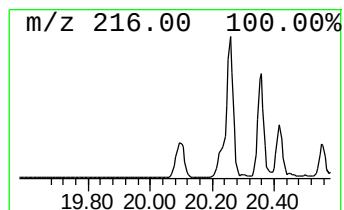
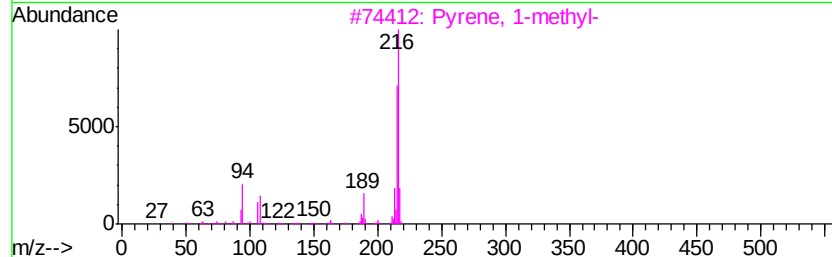
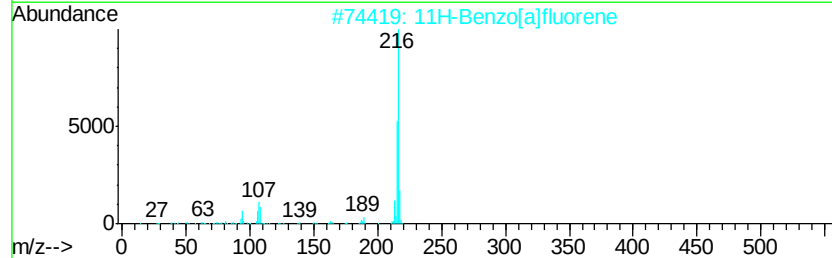
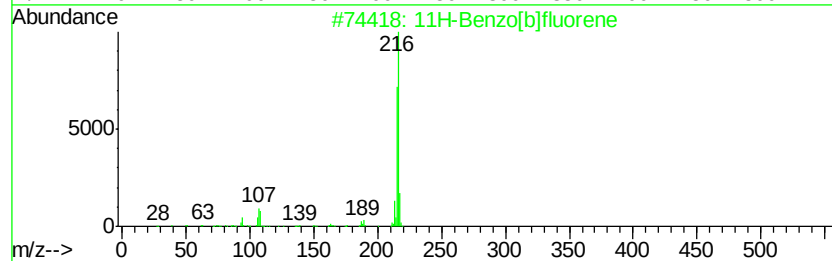
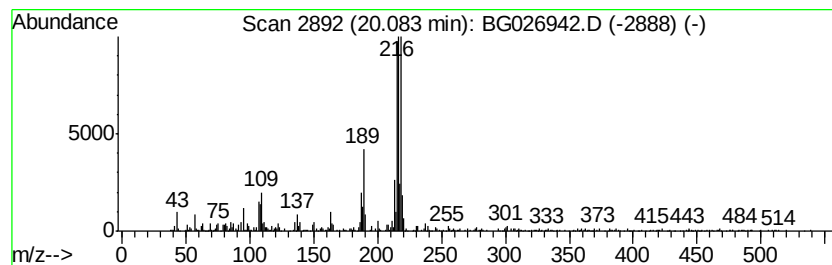
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	2.14 ng/ul	632509	Chrysene-d12	21.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026942.D
Acq On : 10 May 2017 17:35
Operator : SJ/MA
Sample : I2842-18DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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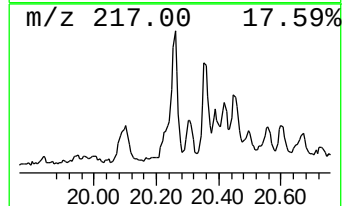
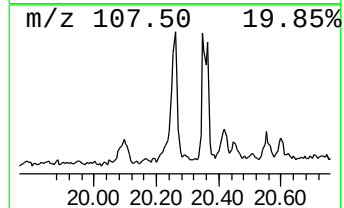
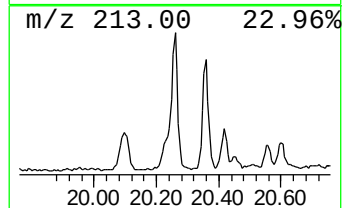
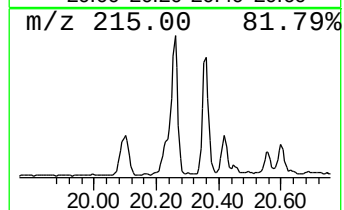
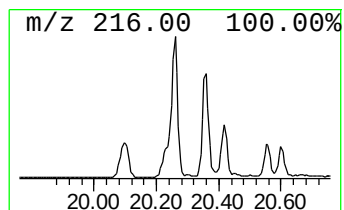
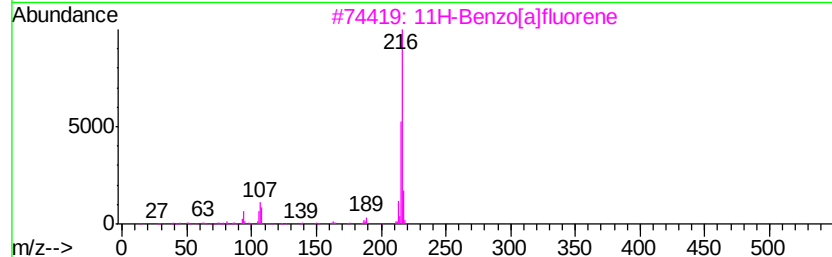
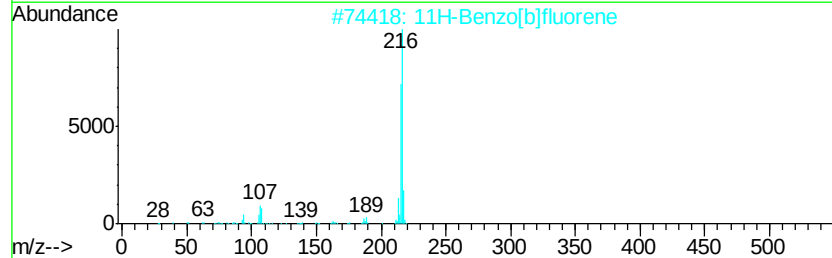
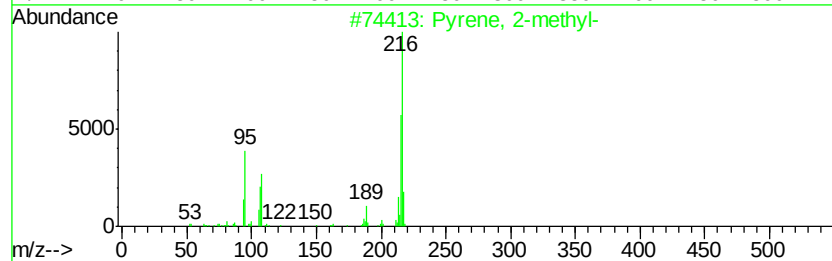
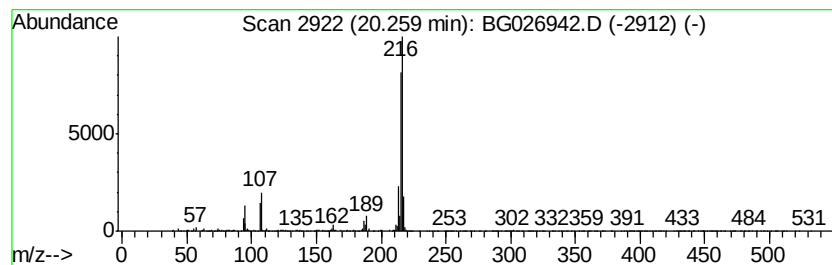
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Pyrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	4.29 ng/ul	1264820	Chrysene-d12	21.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026942.D
Acq On : 10 May 2017 17:35
Operator : SJ/MA
Sample : I2842-18DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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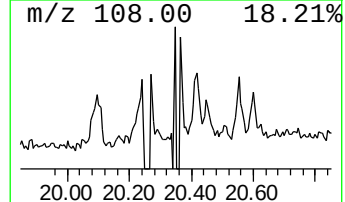
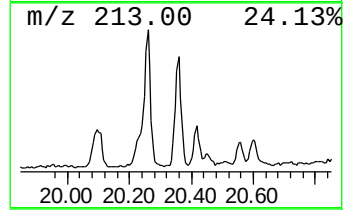
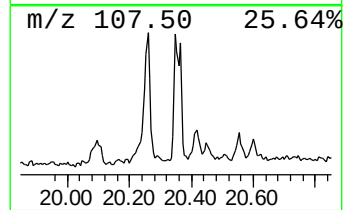
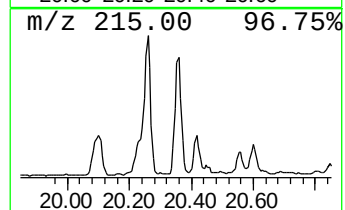
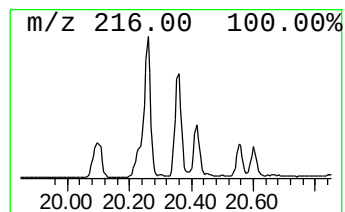
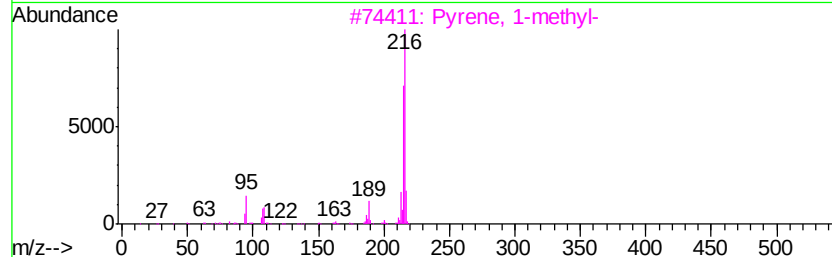
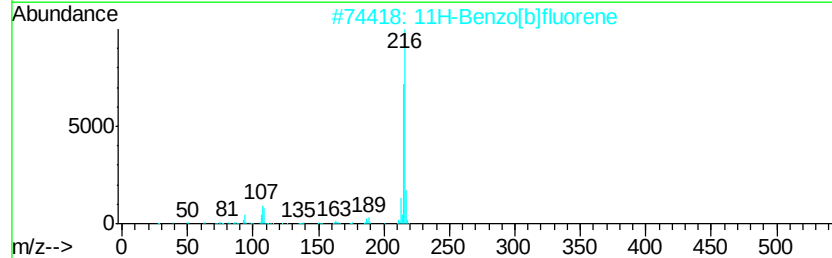
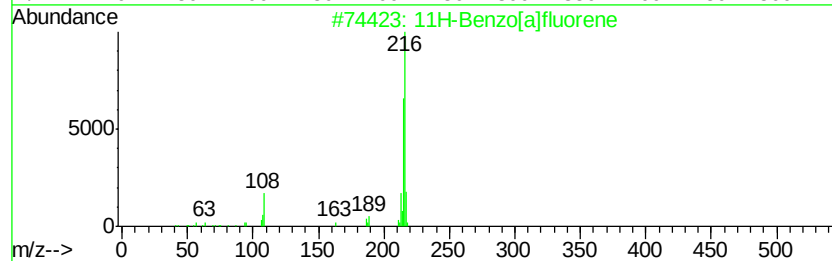
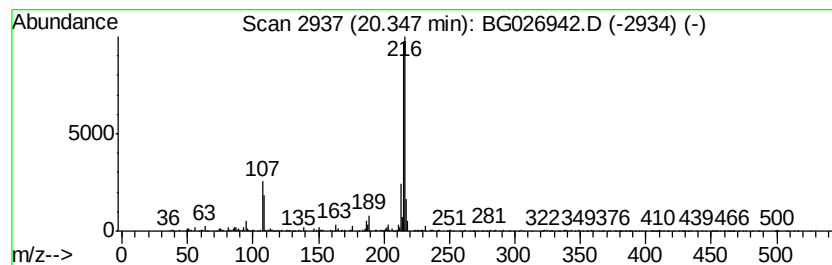
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.35	2.50 ng/ul	738288	Chrysene-d12	21.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026942.D
Acq On : 10 May 2017 17:35
Operator : SJ/MA
Sample : I2842-18DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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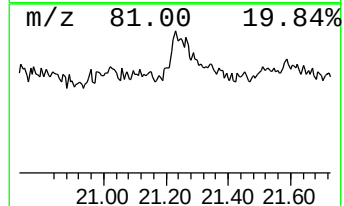
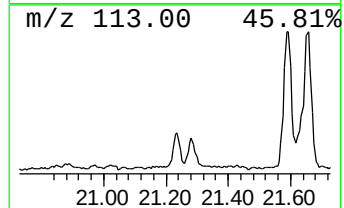
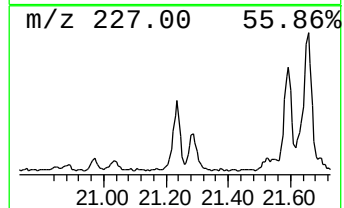
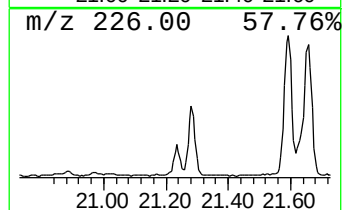
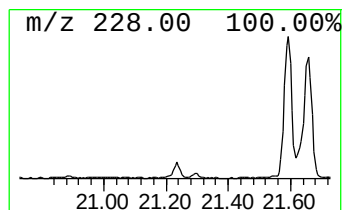
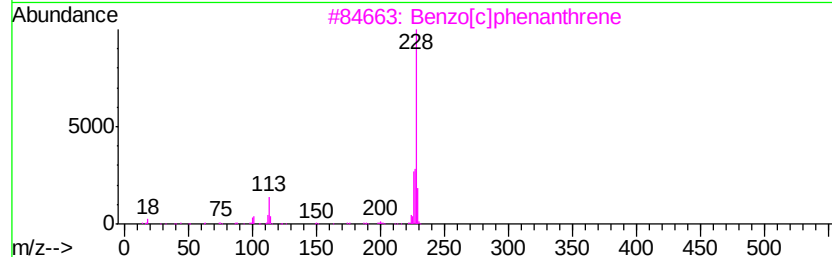
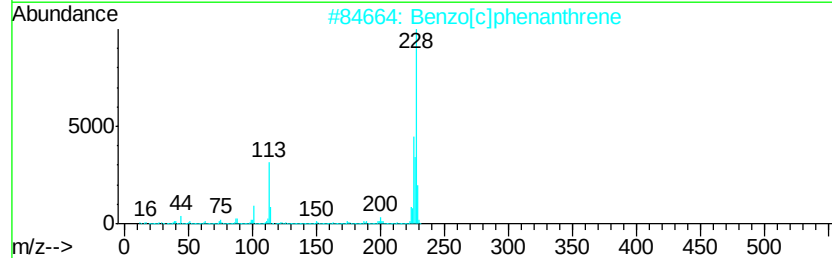
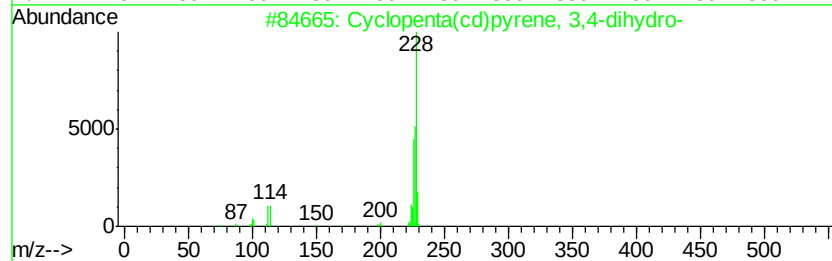
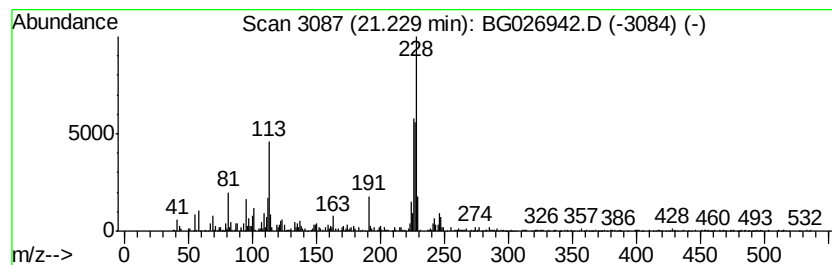
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	2.16 ng/ul	637733	Chrysene-d12	21.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
3		Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
4		Triphenylene	228	C18H12	000217-59-4	45
5		Chrysene	228	C18H12	000218-01-9	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026942.D
Acq On : 10 May 2017 17:35
Operator : SJ/MA
Sample : I2842-18DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC38DL

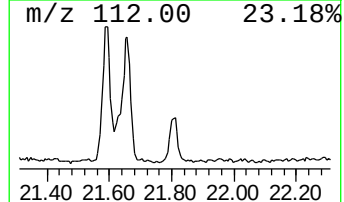
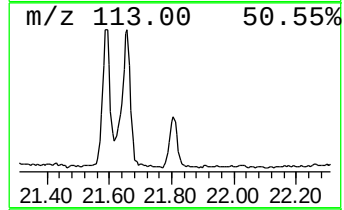
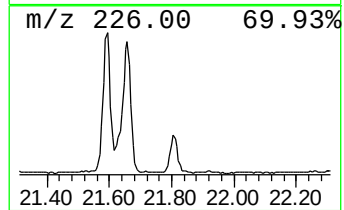
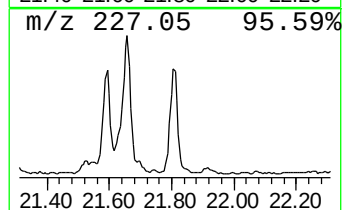
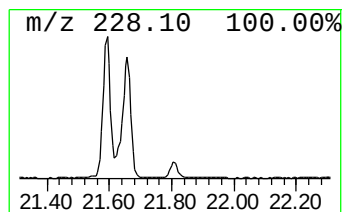
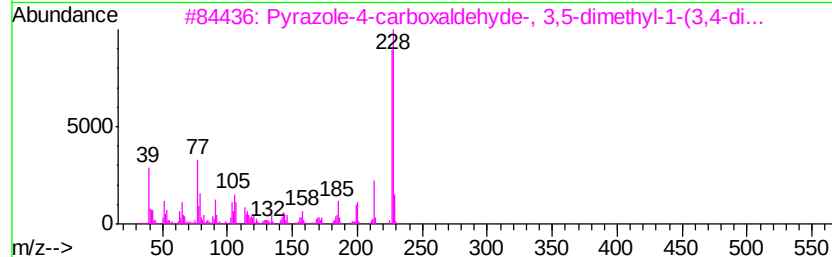
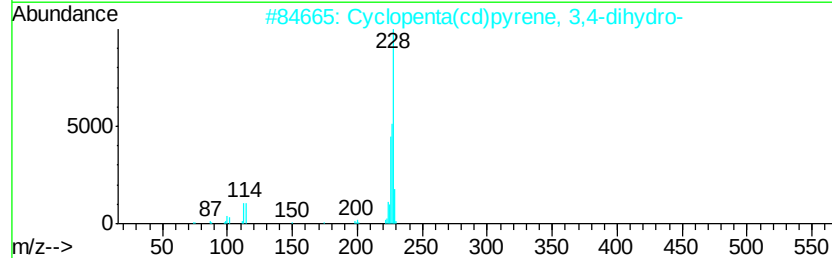
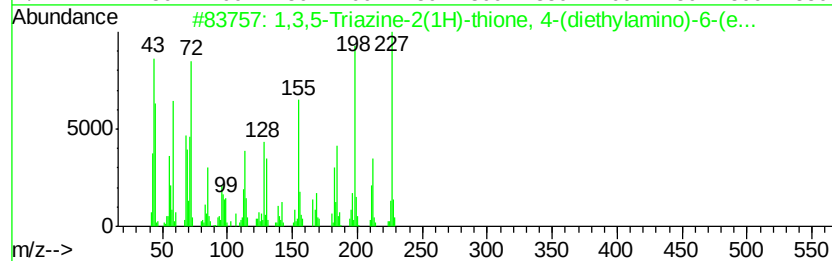
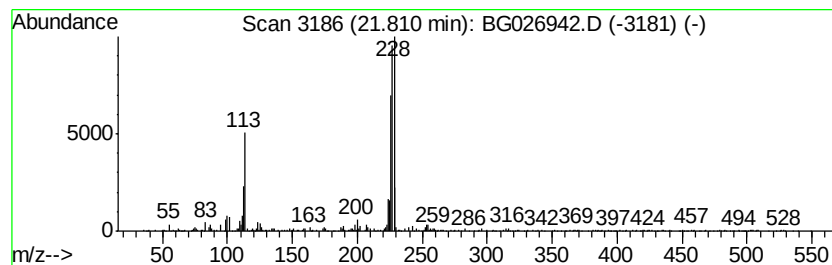
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	2.34 ng/ul	689238	Chrysene-d12	21.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	46
2		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43
3		Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	38
4		Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
5		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026942.D
Acq On : 10 May 2017 17:35
Operator : SJ/MA
Sample : I2842-18DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

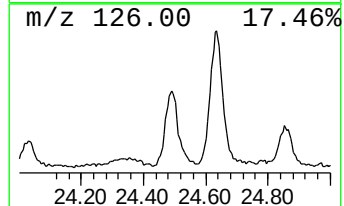
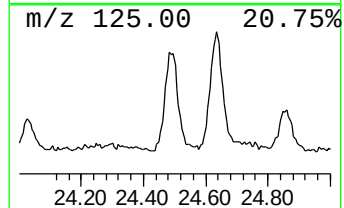
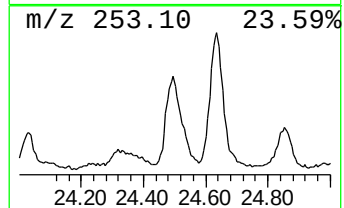
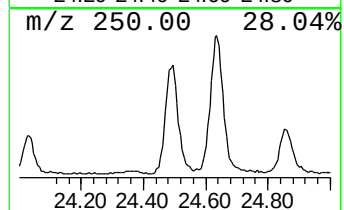
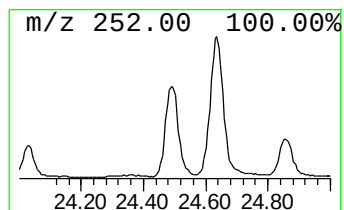
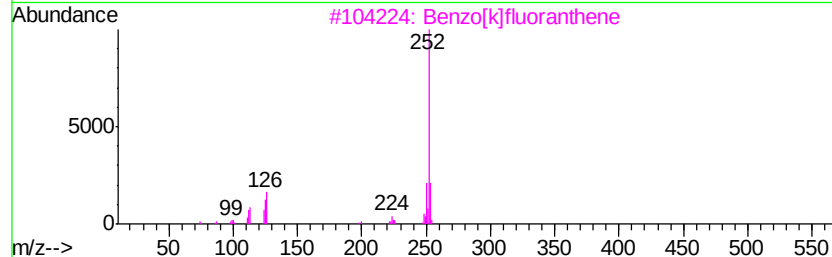
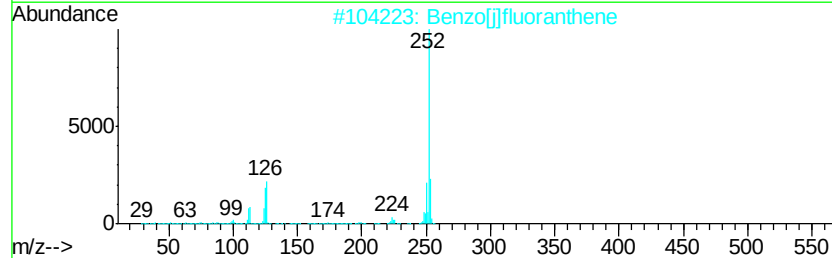
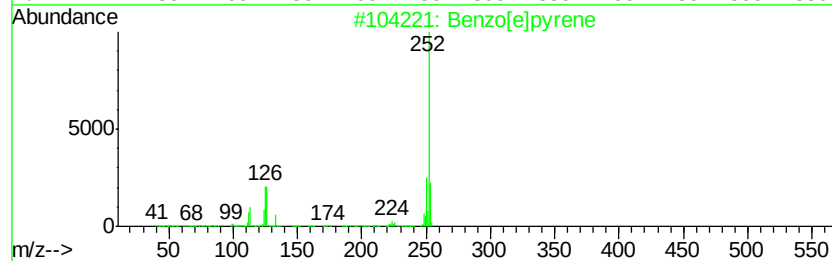
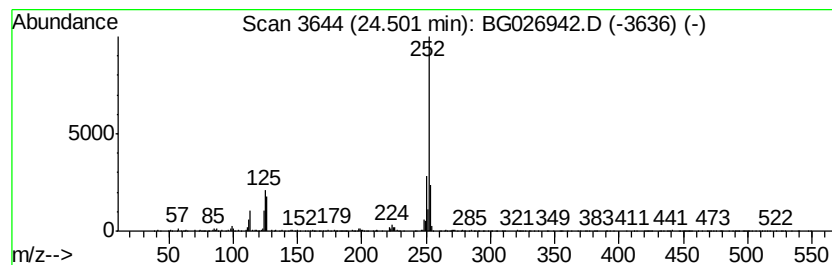
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.50	30.32 ng/ul	1969160	Perylene-d12	24.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252 C20H12	000205-82-3	97
3	Benzo[k]fluoranthene	252 C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252 C20H12	000205-99-2	96
5	Benz[e]acephenanthrylene	252 C20H12	000205-99-2	96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026942.D
Acq On : 10 May 2017 17:35
Operator : SJ/MA
Sample : I2842-18DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC38DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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, 1,2,3...	17.11	2.5	ng/ul	243961	4	17.36	1968030	20.0
Anthracene, 2-met...	18.23	3.8	ng/ul	373172	4	17.36	1968030	20.0
Phenanthrene, 2-m...	18.28	5.8	ng/ul	575453	4	17.36	1968030	20.0
4H-Cyclopenta[def...	18.43	10.9	ng/ul	1071560	4	17.36	1968030	20.0
5,16[1',2']:8,13[...	18.73	3.5	ng/ul	344864	4	17.36	1968030	20.0
9,10-Anthracenedione	18.77	2.8	ng/ul	273067	4	17.36	1968030	20.0
Phenanthrene, 3,6...	19.14	2.3	ng/ul	221079	4	17.36	1968030	20.0
Cyclopenta(def)ph...	19.29	3.4	ng/ul	330851	4	17.36	1968030	20.0
11H-Benzo[b]fluorene	20.08	2.1	ng/ul	632509	5	21.61	5902430	20.0
Pyrene, 2-methyl-	20.26	4.3	ng/ul	1264820	5	21.61	5902430	20.0
11H-Benzo[a]fluorene	20.35	2.5	ng/ul	738288	5	21.61	5902430	20.0
Cyclopenta(cd)pyr...	21.23	2.2	ng/ul	637733	5	21.61	5902430	20.0
unknown-01	21.81	2.3	ng/ul	689238	5	21.61	5902430	20.0
Benzo[e]pyrene	24.50	30.3	ng/ul	1969160	6	24.78	1299000	20.0