

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
 Data File : BM004626.D
 Acq On : 16 Mar 2016 08:48
 Operator : UM/SJ
 Sample : H1779-20 20X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCA19

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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_M\METHODS\SOM02.2-EPA-BM031516.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	7.845	870	877	886	rBV	205405	325918	11.90%	1.254%
2	10.633	1344	1351	1356	rBV	293935	491761	17.96%	1.892%
3	10.686	1356	1360	1366	rVB	41173	64473	2.35%	0.248%
4	14.474	1997	2004	2011	rBV2	427757	669628	24.45%	2.577%
5	14.539	2011	2015	2021	rVB	170652	240357	8.78%	0.925%
6	14.874	2067	2072	2079	rBV	73206	98879	3.61%	0.381%
7	15.468	2167	2173	2177	rBV	25324	33705	1.23%	0.130%
8	15.521	2177	2182	2191	rVB	138521	197915	7.23%	0.762%
9	15.962	2250	2257	2265	rBV	19542	36424	1.33%	0.140%
10	17.039	2435	2440	2447	rVB	46022	60924	2.22%	0.234%
11	17.221	2464	2471	2474	rBV	581141	856665	31.28%	3.297%
12	17.262	2474	2478	2484	rVV	1193576	1686306	61.58%	6.490%
13	17.321	2484	2488	2489	rVV2	47158	59763	2.18%	0.230%
14	17.351	2489	2493	2499	rVV	408505	578813	21.14%	2.227%
15	17.409	2499	2503	2508	rVB2	31575	46340	1.69%	0.178%
16	17.621	2528	2539	2544	rBV	154581	242711	8.86%	0.934%
17	18.092	2610	2619	2623	rBV	88942	129205	4.72%	0.497%
18	18.139	2623	2627	2634	rVB	132275	190442	6.95%	0.733%
19	18.221	2634	2641	2646	rBV	53844	78742	2.88%	0.303%
20	18.292	2646	2653	2657	rVV2	221975	367384	13.42%	1.414%
21	18.327	2657	2659	2665	rVB	54735	60576	2.21%	0.233%
22	18.598	2697	2705	2709	rBV	81116	119084	4.35%	0.458%
23	19.009	2770	2775	2781	rBV2	29662	58191	2.13%	0.224%
24	19.080	2781	2787	2789	rBV2	22724	35378	1.29%	0.136%
25	19.150	2795	2799	2807	rVB3	19096	36323	1.33%	0.140%
26	19.280	2814	2821	2827	rBV	1644467	2326754	84.97%	8.954%
27	19.374	2834	2837	2841	rVB2	24451	30133	1.10%	0.116%
28	19.521	2855	2862	2871	rVB2	50785	112515	4.11%	0.433%
29	19.609	2871	2877	2878	rBV2	388811	471029	17.20%	1.813%
30	19.639	2878	2882	2890	rVV	1430105	2155503	78.72%	8.295%
31	19.709	2890	2894	2901	rVB	70142	108900	3.98%	0.419%
32	19.815	2907	2912	2918	rBV	95952	135344	4.94%	0.521%
33	19.880	2918	2923	2929	rVB	86098	122102	4.46%	0.470%
34	19.956	2931	2936	2938	rBV2	85336	137579	5.02%	0.529%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	20.015	2943	2946	2950	rVB	40781	45735	1.67%	0.176%
36	20.097	2953	2960	2962	rBV6	60825	110849	4.05%	0.427%
37	20.133	2962	2966	2971	rVB	303873	418924	15.30%	1.612%
38	20.180	2971	2974	2978	rBV	20907	29099	1.06%	0.112%
39	20.233	2978	2983	2987	rBV	306850	409973	14.97%	1.578%
40	20.292	2987	2993	2997	rVV2	129168	228700	8.35%	0.880%
41	20.333	2997	3000	3004	rVB	71164	84537	3.09%	0.325%
42	20.374	3004	3007	3011	rVB3	26140	35067	1.28%	0.135%
43	20.433	3013	3017	3020	rBV	57451	71117	2.60%	0.274%
44	20.480	3020	3025	3028	rBV3	61874	87690	3.20%	0.337%
45	20.756	3069	3072	3076	rVB2	20316	32306	1.18%	0.124%
46	20.839	3082	3086	3090	rBV3	43438	78256	2.86%	0.301%
47	20.886	3091	3094	3100	rVB3	39179	70564	2.58%	0.272%
48	21.050	3118	3122	3125	rBV	93652	120930	4.42%	0.465%
49	21.086	3125	3128	3131	rVV	127963	158954	5.80%	0.612%
50	21.127	3131	3135	3140	rVB2	117458	193192	7.06%	0.743%
51	21.286	3156	3162	3165	rBV	38146	80741	2.95%	0.311%
52	21.321	3165	3168	3170	rVV3	42224	51225	1.87%	0.197%
53	21.392	3170	3180	3185	rVV3	1290962	2738267	100.00%	10.538%
54	21.439	3185	3188	3198	rVB	798482	1059035	38.68%	4.076%
55	21.556	3204	3208	3215	rBV	203368	296281	10.82%	1.140%
56	21.668	3224	3227	3230	rVB	88025	109551	4.00%	0.422%
57	21.715	3231	3235	3241	rVB2	129149	206647	7.55%	0.795%
58	21.962	3274	3277	3281	rVB	109531	138128	5.04%	0.532%
59	22.015	3283	3286	3292	rVB	69690	90667	3.31%	0.349%
60	22.121	3301	3304	3307	rVB2	73752	85821	3.13%	0.330%
61	22.162	3308	3311	3314	rVV2	69869	100776	3.68%	0.388%
62	22.197	3314	3317	3322	rVB2	128944	193961	7.08%	0.746%
63	22.262	3324	3328	3337	rVB5	74501	141571	5.17%	0.545%
64	23.009	3449	3455	3460	rBV	566654	1371859	50.10%	5.279%
65	23.186	3480	3485	3494	rVB	144466	277185	10.12%	1.067%
66	23.503	3533	3539	3548	rBV	318464	651799	23.80%	2.508%
67	23.597	3549	3555	3563	rVB	565182	1117402	40.81%	4.300%
68	23.697	3566	3572	3578	rVV	502699	1095616	40.01%	4.216%
69	23.750	3578	3581	3590	rVB2	173592	329670	12.04%	1.269%
70	26.026	3961	3968	3980	rVB2	237153	717723	26.21%	2.762%
71	26.744	4082	4090	4109	rVB2	173494	589550	21.53%	2.269%

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

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
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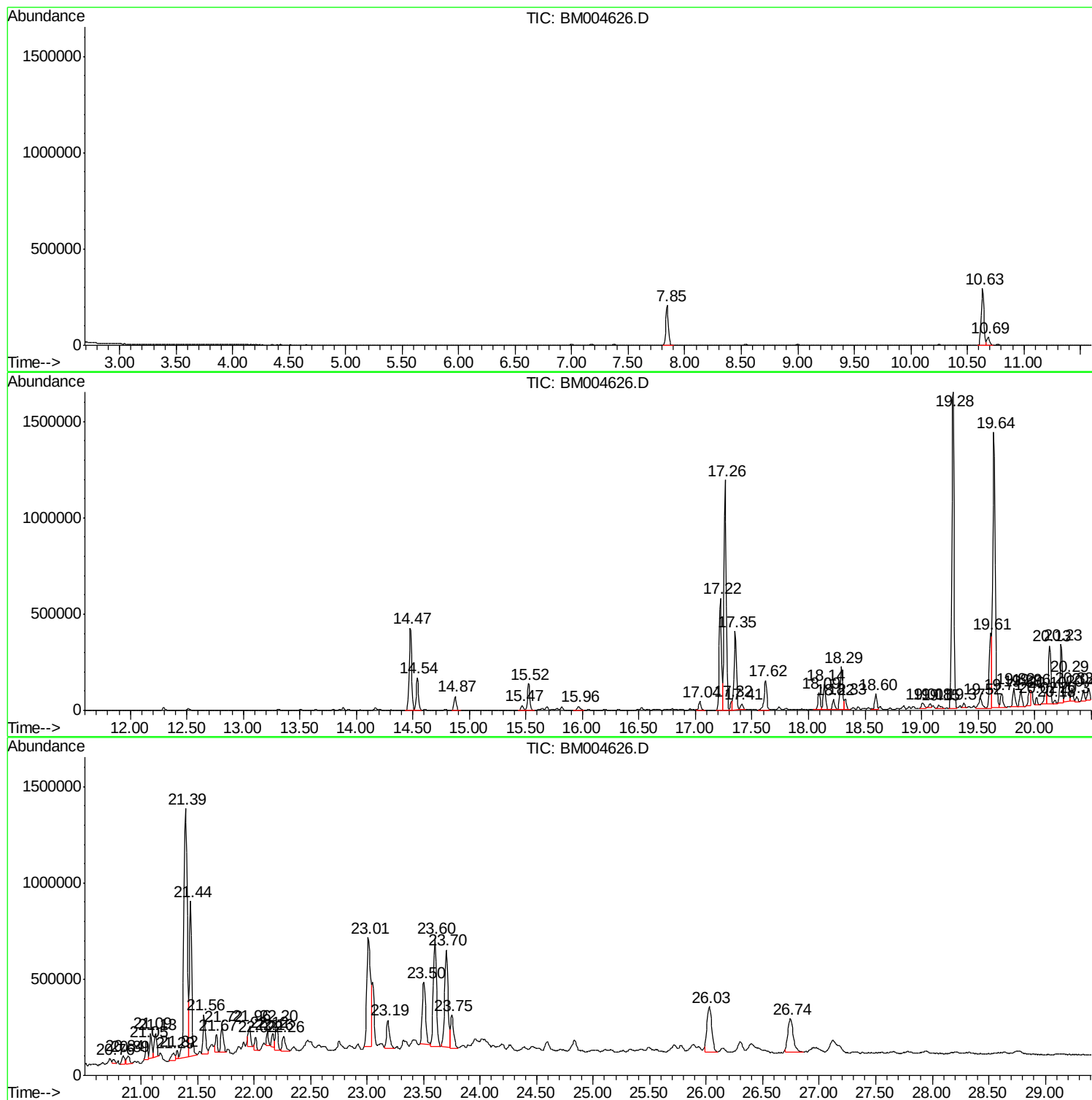
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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



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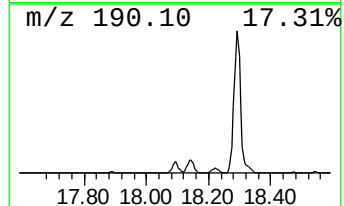
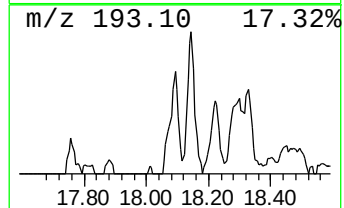
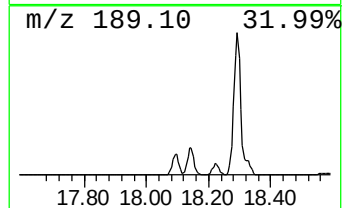
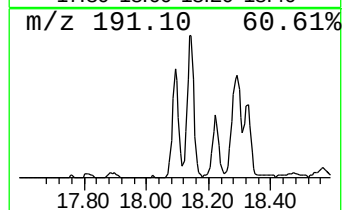
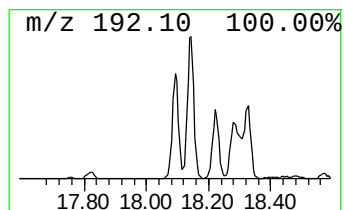
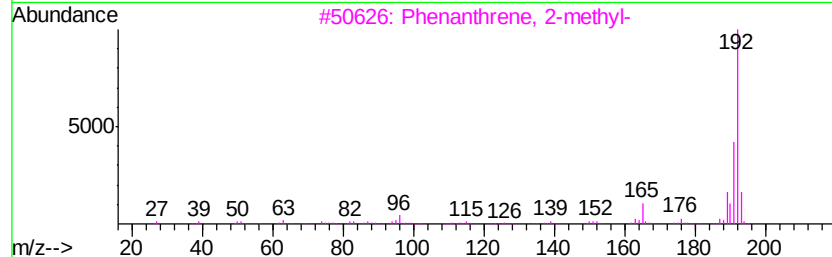
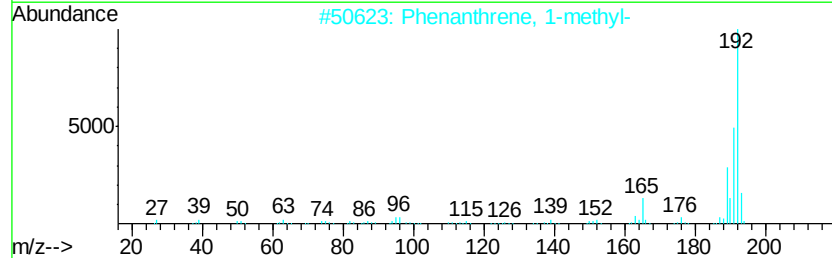
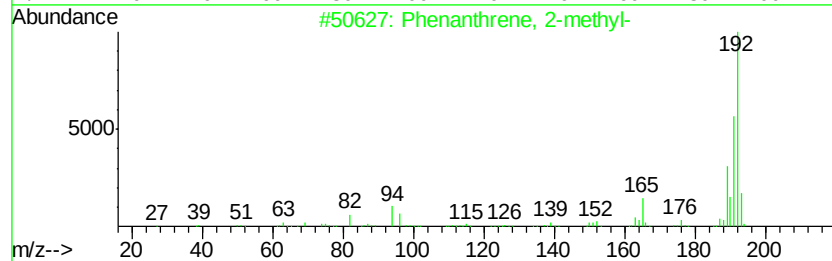
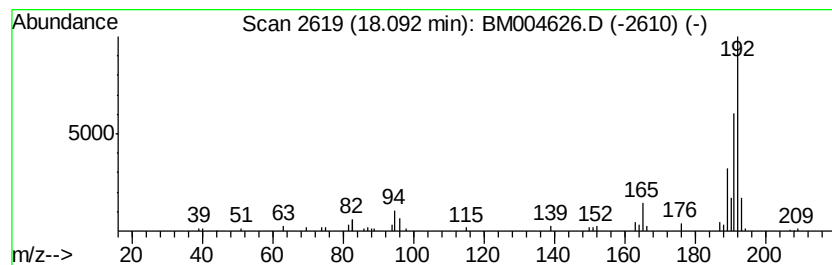
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.09	3.02 ng/ul	129205	Phenanthrene-d10	17.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96



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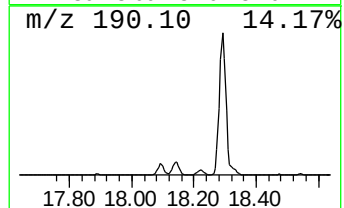
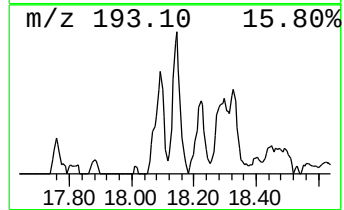
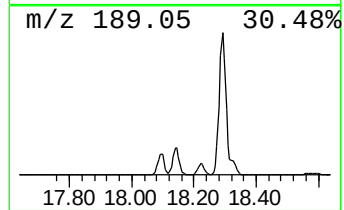
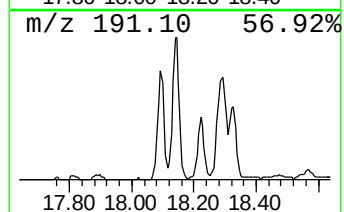
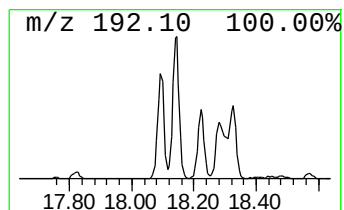
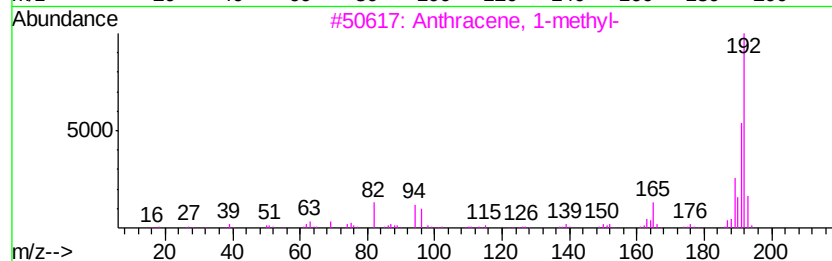
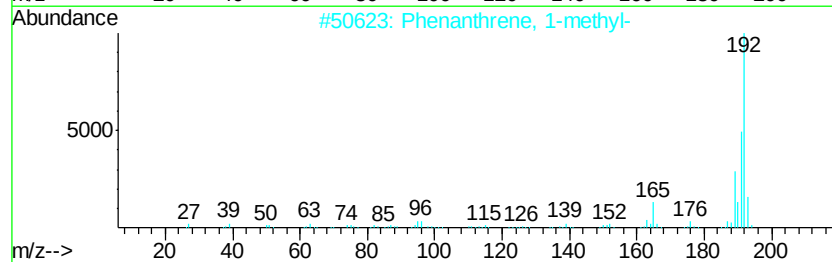
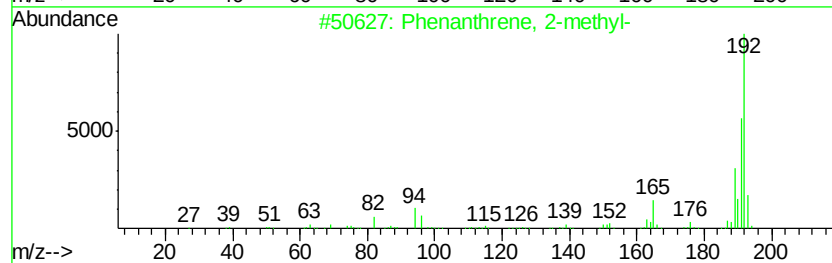
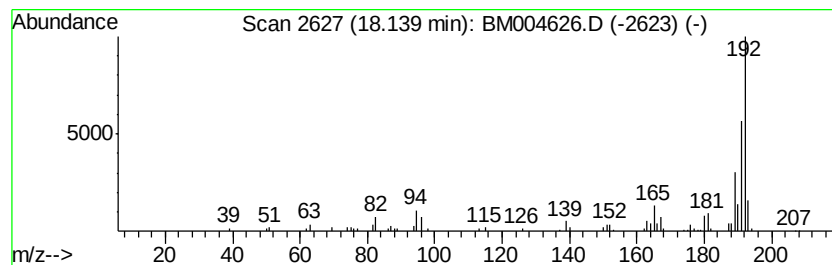
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	4.45 ng/ul	190442	Phenanthrene-d10	17.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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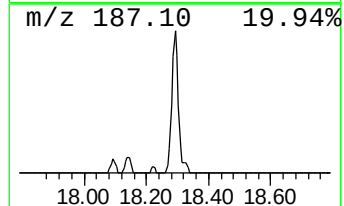
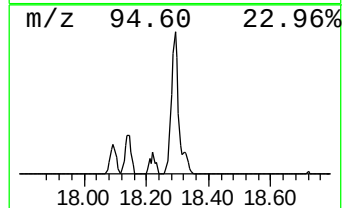
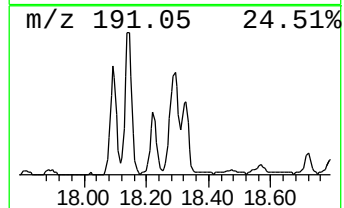
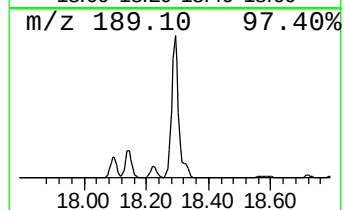
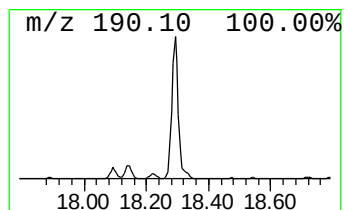
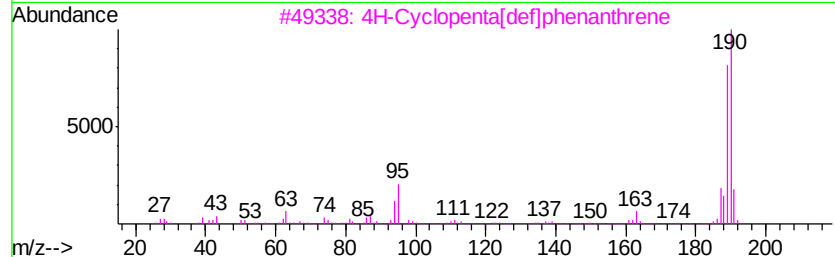
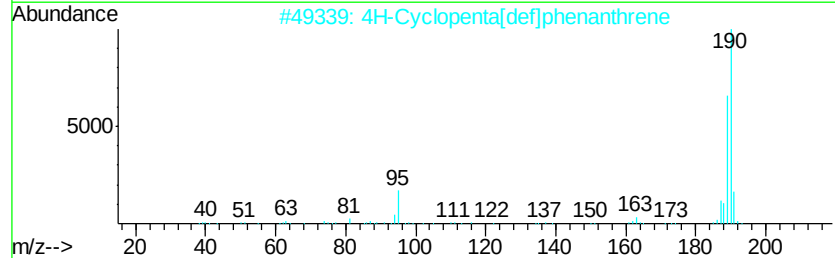
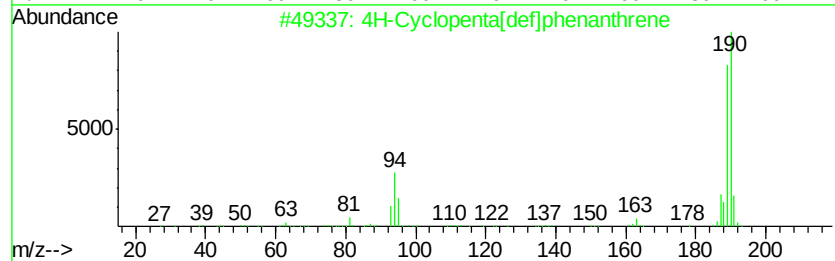
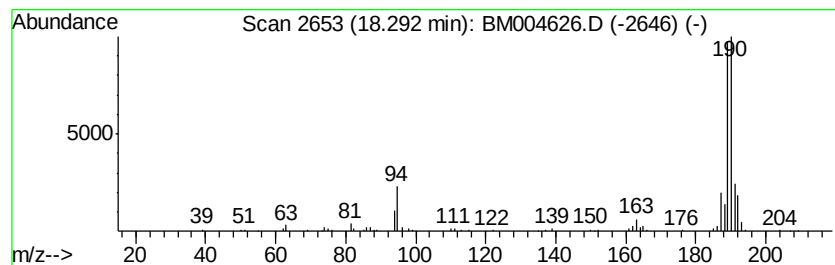
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.29	8.58 ng/ul	367384	Phenanthrene-d10	17.22	
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	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5	Methyl diselenide	190	C2H6Se2	007101-31-7	45



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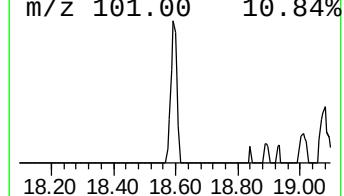
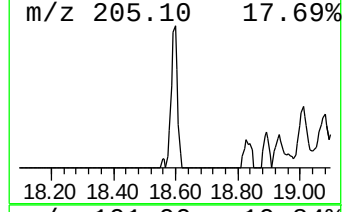
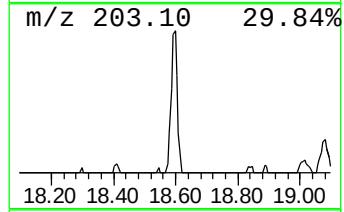
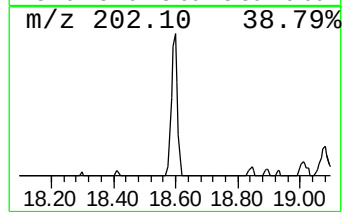
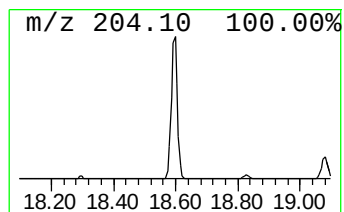
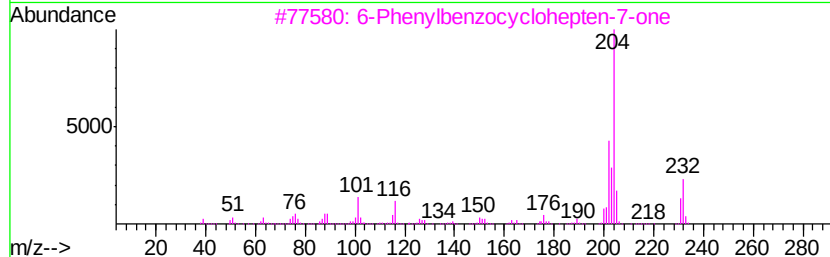
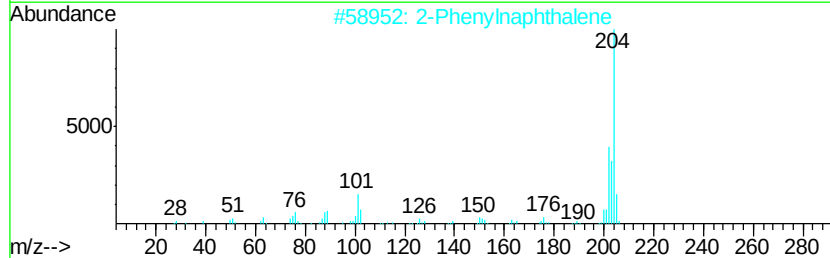
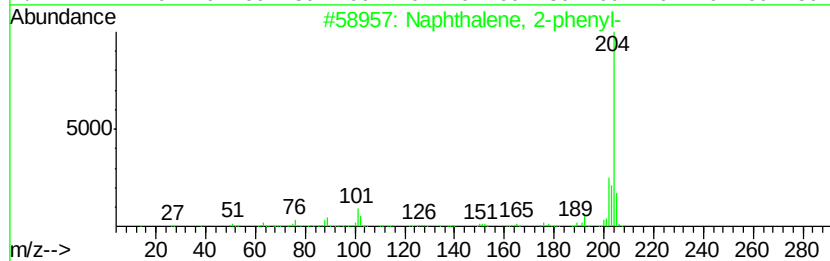
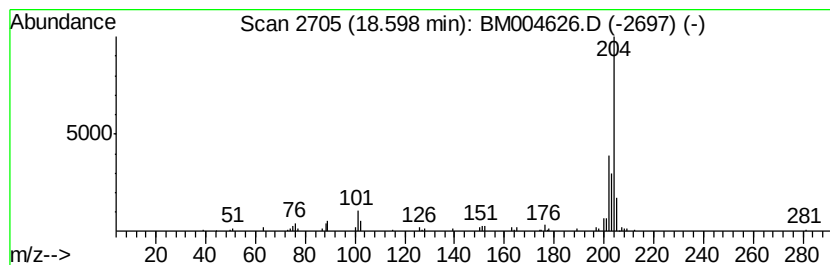
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.60	2.78 ng/ul	119084	Phenanthrene-d10		17.22		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2			2-Phenylnaphthalene	204	C16H12	035465-71-5	86
3			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	83
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



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Data File : BM004626.D
Acq On : 16 Mar 2016 08:48
Operator : UM/SJ
Sample : H1779-20 20X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCA19

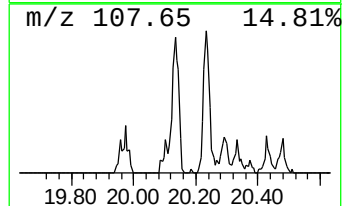
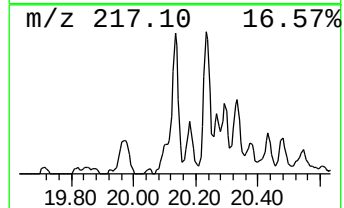
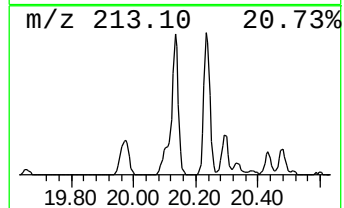
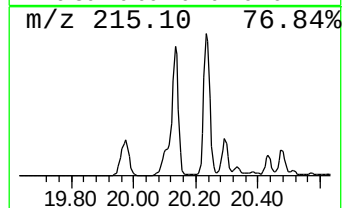
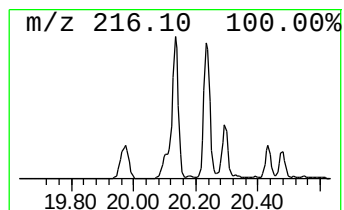
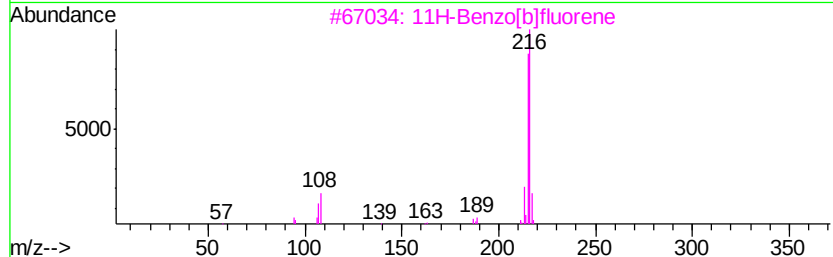
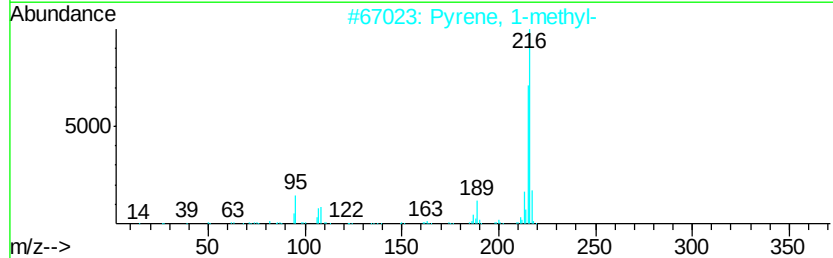
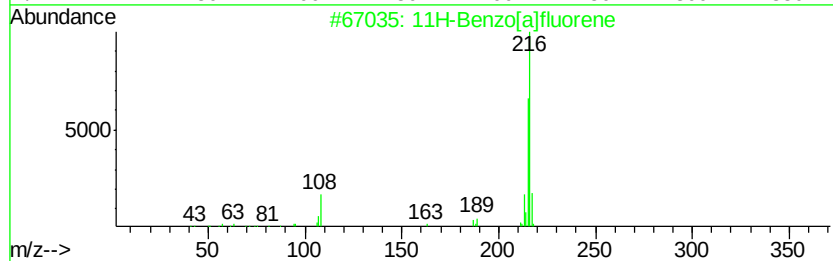
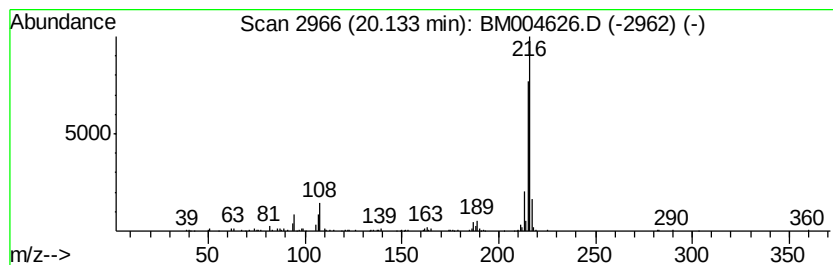
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	3.06 ng/ul	418924	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
Data File : BM004626.D
Acq On : 16 Mar 2016 08:48
Operator : UM/SJ
Sample : H1779-20 20X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCA19

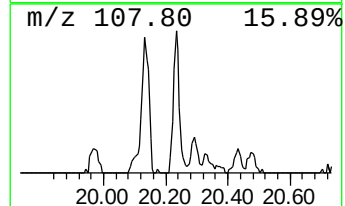
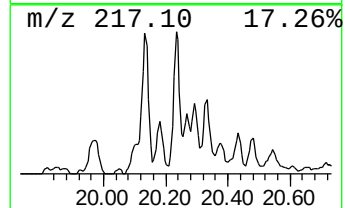
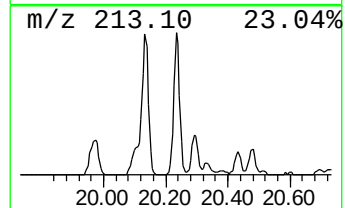
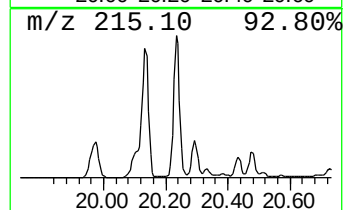
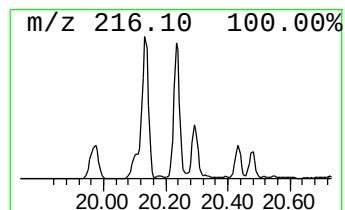
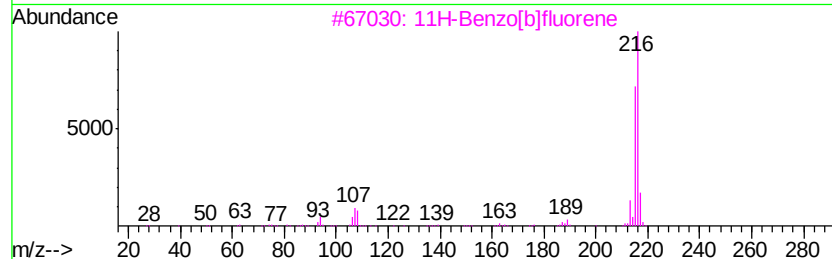
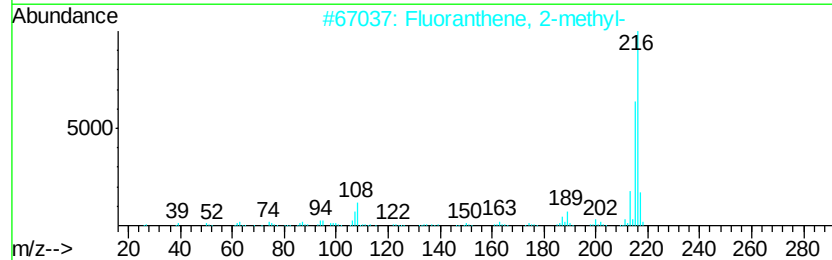
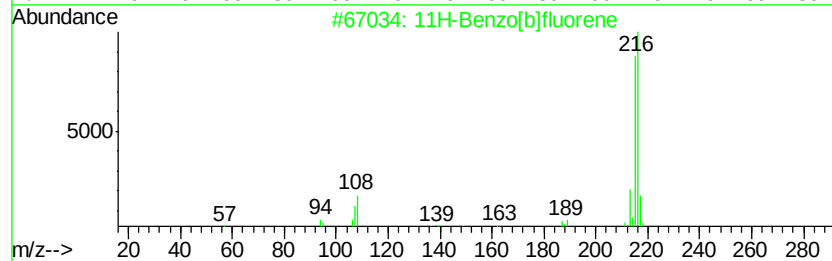
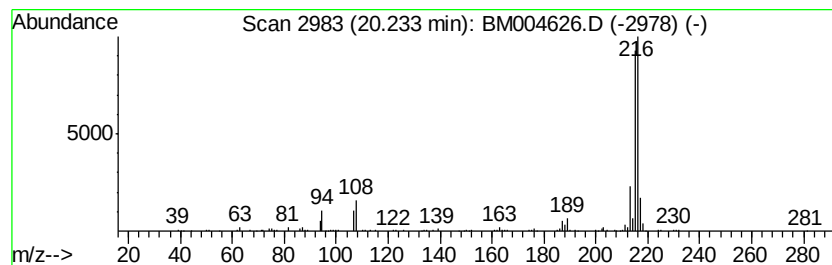
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.99 ng/ul	409973	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
Data File : BM004626.D
Acq On : 16 Mar 2016 08:48
Operator : UM/SJ
Sample : H1779-20 20X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BCA19

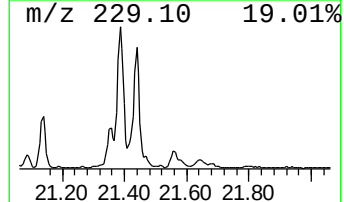
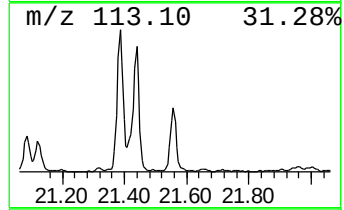
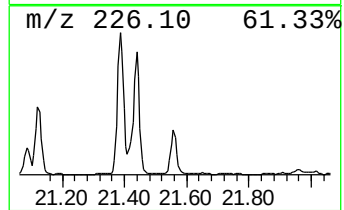
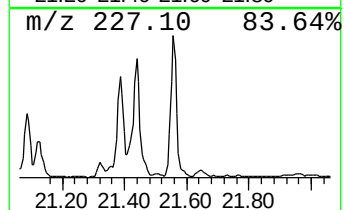
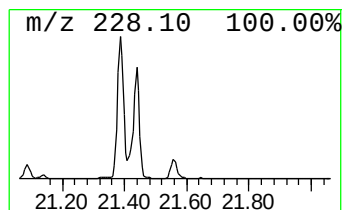
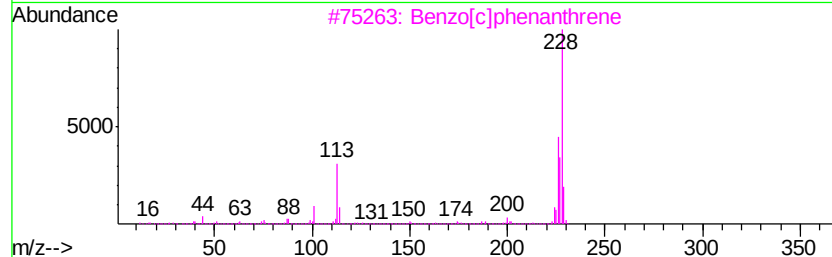
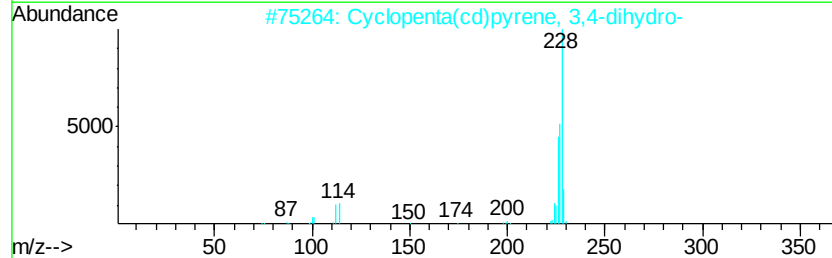
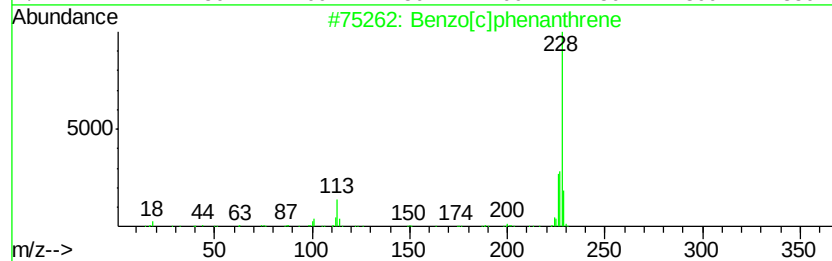
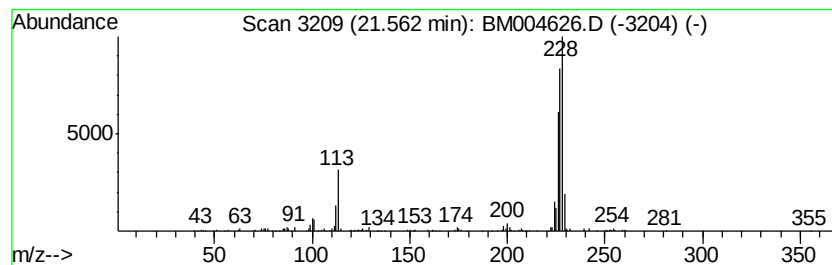
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	2.16 ng/ul	296281	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
2		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	49
3		Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
4		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43
5		Triphenylene	228	C18H12	000217-59-4	41



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
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Acq On : 16 Mar 2016 08:48
Operator : UM/SJ
Sample : H1779-20 20X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCA19

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2-m...	18.09	3.0	ng/ul	129205	4	17.22	856665	20.0
Phenanthrene, 1-m...	18.14	4.5	ng/ul	190442	4	17.22	856665	20.0
4H-Cyclopenta[def...	18.29	8.6	ng/ul	367384	4	17.22	856665	20.0
Naphthalene, 2-ph...	18.60	2.8	ng/ul	119084	4	17.22	856665	20.0
11H-Benzo[a]fluorene	20.13	3.1	ng/ul	418924	5	21.40	2738270	20.0
11H-Benzo[b]fluorene	20.23	3.0	ng/ul	409973	5	21.40	2738270	20.0
unknown-01	21.56	2.2	ng/ul	296281	5	21.40	2738270	20.0