

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
 Data File : BM014448.D
 Acq On : 02 Mar 2018 00:23
 Operator : SJ/JU
 Sample : J1678-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z4

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\SOM-EPA-BM021418.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	13.874	1844	1851	1853	rBV	662666	1086139	1.23%	0.184%
2	13.904	1853	1856	1871	rVB	1242212	1861037	2.11%	0.315%
3	14.245	1909	1914	1923	rVB	644398	993153	1.13%	0.168%
4	14.586	1966	1972	1977	rVV	787737	1139246	1.29%	0.193%
5	15.186	2068	2074	2079	rBV	924718	1300650	1.48%	0.220%
6	15.245	2079	2084	2093	rVB	1592791	2374731	2.70%	0.402%
7	15.686	2149	2159	2166	rBV	484129	1062451	1.21%	0.180%
8	16.615	2312	2317	2323	rVB	692487	993046	1.13%	0.168%
9	16.762	2336	2342	2352	rVB	1369676	2101726	2.39%	0.355%
10	17.009	2376	2384	2388	rVV2	29822630	45272363	51.39%	7.656%
11	17.056	2388	2392	2394	rVV2	1579973	2304697	2.62%	0.390%
12	17.092	2394	2398	2403	rVV	7457815	9346778	10.61%	1.581%
13	17.150	2403	2408	2417	rVB	659768	1174599	1.33%	0.199%
14	17.374	2441	2446	2454	rVV	2787478	4246857	4.82%	0.718%
15	17.827	2517	2523	2527	rBV	2597960	3702507	4.20%	0.626%
16	17.880	2527	2532	2538	rVB	4053613	5524299	6.27%	0.934%
17	17.962	2540	2546	2551	rBV	1429851	2031898	2.31%	0.344%
18	18.027	2551	2557	2560	rBV2	4508201	7379873	8.38%	1.248%
19	18.062	2560	2563	2571	rVB	1733301	2386292	2.71%	0.404%
20	18.333	2604	2609	2616	rVB	2258547	3065510	3.48%	0.518%
21	18.403	2616	2621	2626	rBV	1333466	1890915	2.15%	0.320%
22	18.580	2646	2651	2656	rBV3	556687	888361	1.01%	0.150%
23	18.756	2676	2681	2685	rBV	1303323	2148216	2.44%	0.363%
24	18.927	2702	2710	2715	rVB2	1077537	2291410	2.60%	0.388%
25	19.062	2722	2733	2736	rBV2	46446903	88094624	100.00%	14.898%
26	19.139	2742	2746	2751	rBV2	680056	1008113	1.14%	0.170%
27	19.186	2751	2754	2760	rVB2	620662	892261	1.01%	0.151%
28	19.274	2764	2769	2773	rVV	2057673	2900094	3.29%	0.490%
29	19.427	2781	2795	2799	rVV4	43261750	87500972	99.33%	14.798%
30	19.468	2799	2802	2809	rVB2	2007110	2859451	3.25%	0.484%
31	19.580	2816	2821	2825	rBV	2558409	3163618	3.59%	0.535%
32	19.650	2828	2833	2838	rVB	1784469	2840994	3.22%	0.480%
33	19.715	2839	2844	2845	rBV	1995652	2461934	2.79%	0.416%
34	19.786	2853	2856	2858	rBV	769220	970866	1.10%	0.164%

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35	19.862	2864	2869	2871	rBV3	1673510	2848596	3.23%	0.482%
36	19.903	2871	2876	2881	rVB	6610023	9365315	10.63%	1.584%
37	20.003	2888	2893	2896	rBV	4479965	5636521	6.40%	0.953%
38	20.062	2896	2903	2906	rVB2	2959705	5363534	6.09%	0.907%
39	20.139	2912	2916	2919	rBV	716406	1097053	1.25%	0.186%
40	20.197	2923	2926	2929	rVV	1585686	1846104	2.10%	0.312%
41	20.244	2930	2934	2937	rVV2	1590922	2041604	2.32%	0.345%
42	20.339	2946	2950	2952	rBV3	639192	950519	1.08%	0.161%
43	20.662	3001	3005	3010	rBV	2844261	3516453	3.99%	0.595%
44	20.821	3027	3032	3035	rBV	4127268	5799199	6.58%	0.981%
45	20.856	3035	3038	3041	rVV	3819966	5335810	6.06%	0.902%
46	20.897	3042	3045	3054	rVV3	3617450	7530434	8.55%	1.274%
47	20.974	3054	3058	3065	rVB	2993564	4280525	4.86%	0.724%
48	21.180	3084	3093	3097	rBV2	29007468	55811344	63.35%	9.439%
49	21.233	3097	3102	3109	rVB	27663712	37833542	42.95%	6.398%
50	21.333	3116	3119	3125	rVB	3228197	3669310	4.17%	0.621%
51	21.397	3127	3130	3133	rVV2	1149724	1734287	1.97%	0.293%
52	21.450	3137	3139	3142	rVV	1385829	1628702	1.85%	0.275%
53	21.503	3142	3148	3151	rVB2	2573098	4339599	4.93%	0.734%
54	21.721	3179	3185	3189	rBV2	4268560	6665313	7.57%	1.127%
55	21.768	3191	3193	3197	rVB	1823631	2027604	2.30%	0.343%
56	21.915	3215	3218	3222	rBV2	1934267	3050050	3.46%	0.516%
57	22.215	3266	3269	3279	rVB3	1444252	3440022	3.90%	0.582%
58	22.750	3350	3360	3364	rBV	15791341	42248264	47.96%	7.145%
59	22.897	3380	3385	3392	rBV	3231273	5159935	5.86%	0.873%
60	23.209	3430	3438	3443	rBV	7242984	16542378	18.78%	2.798%
61	23.315	3448	3456	3462	rVB	14936591	29914965	33.96%	5.059%
62	23.444	3472	3478	3484	rVB2	4288643	7948051	9.02%	1.344%
63	25.621	3839	3848	3854	rVB2	4548950	14421420	16.37%	2.439%

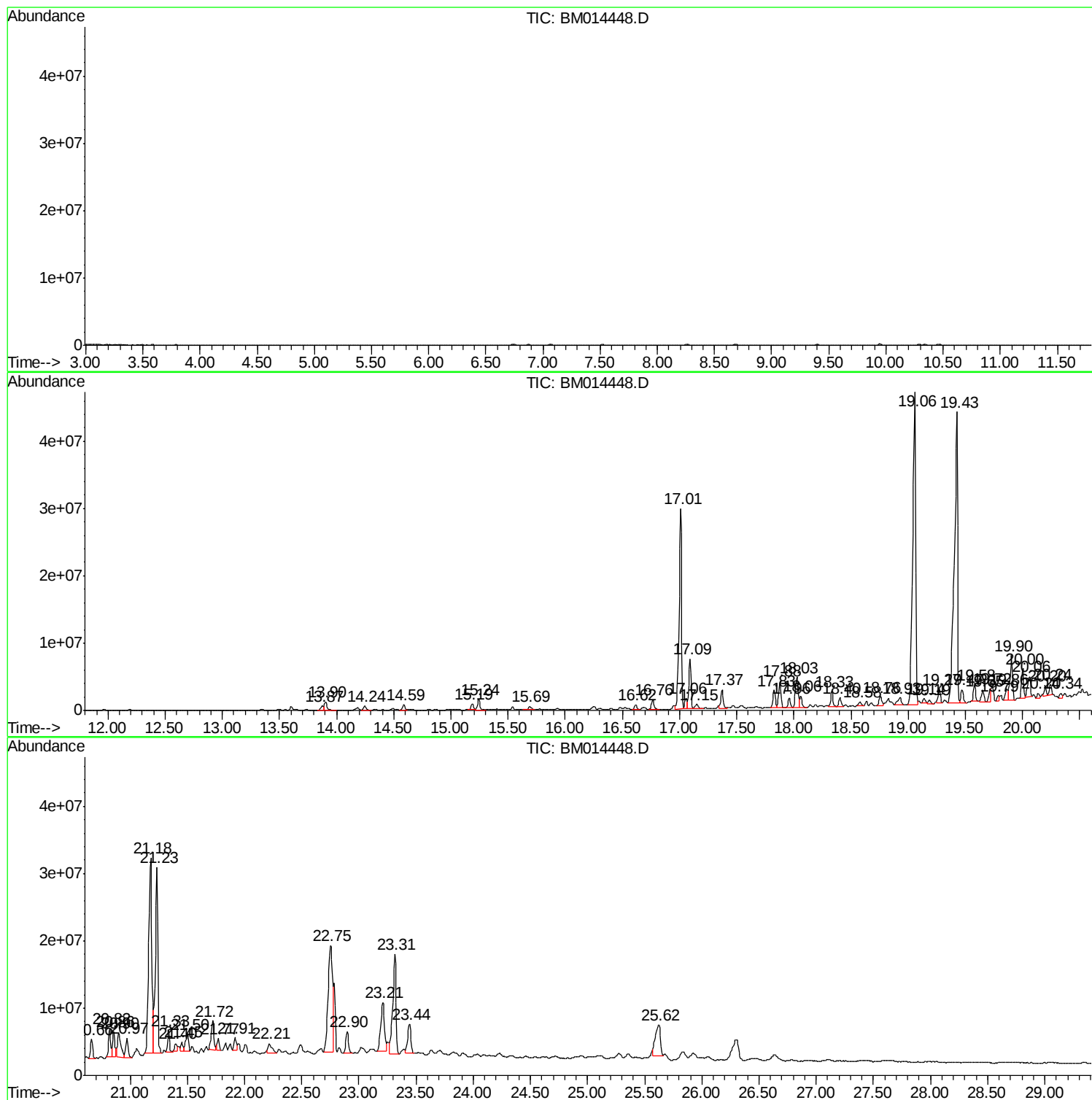
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Quant Title : SVOA CALIBRATION

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



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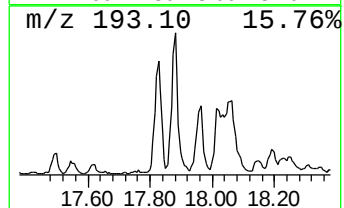
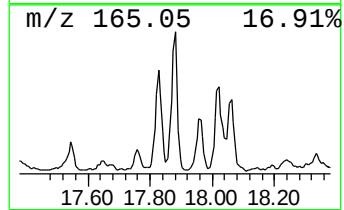
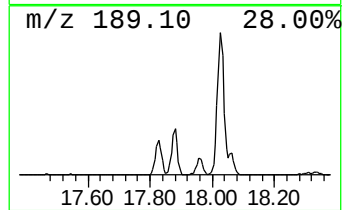
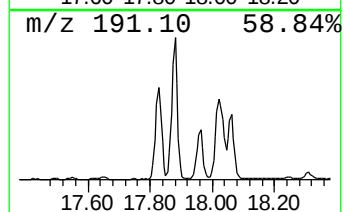
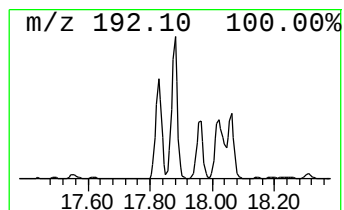
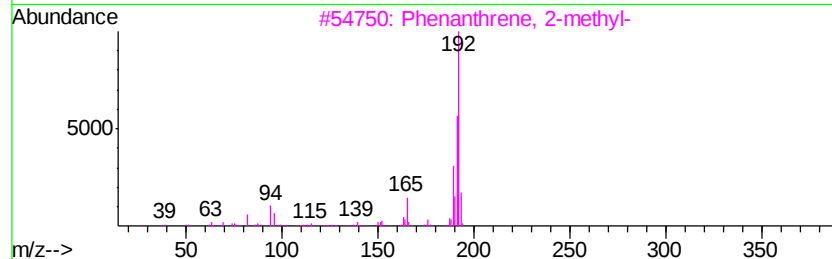
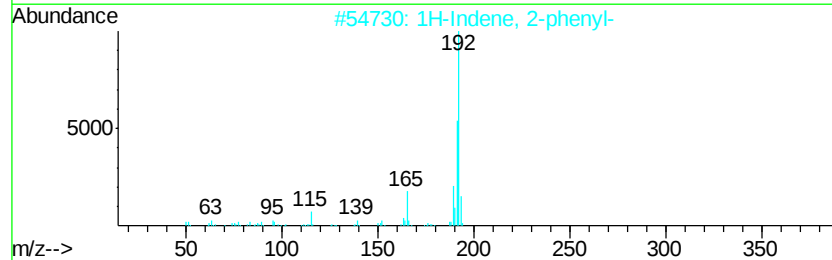
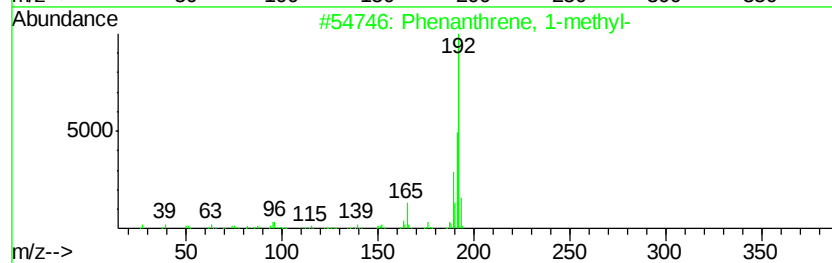
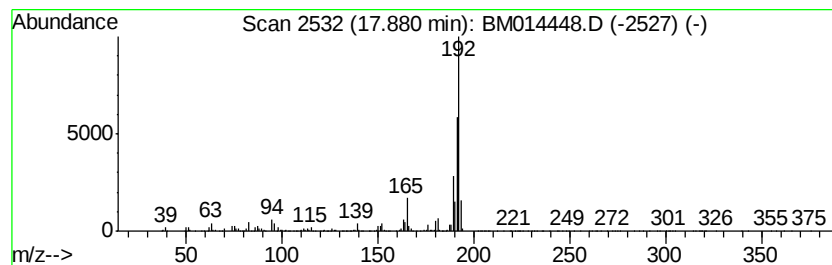
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.88	2.44 ng/ul	5524300	Phenanthrene-d10	16.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97	
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96	
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95	
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95	
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95	



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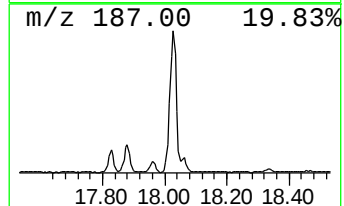
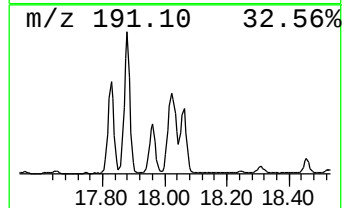
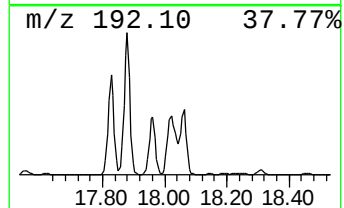
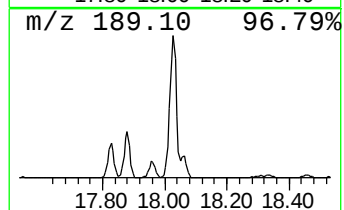
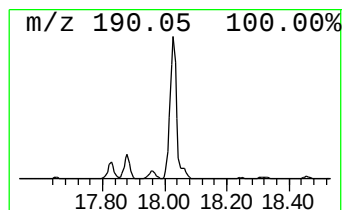
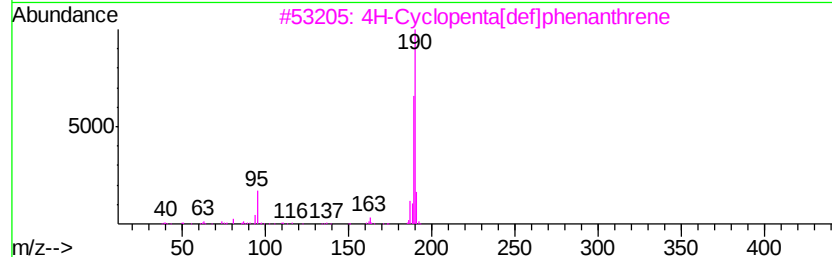
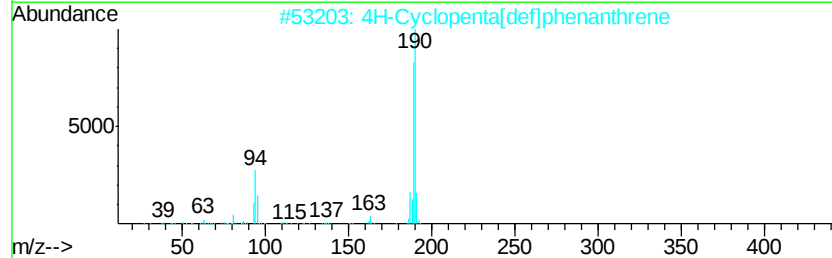
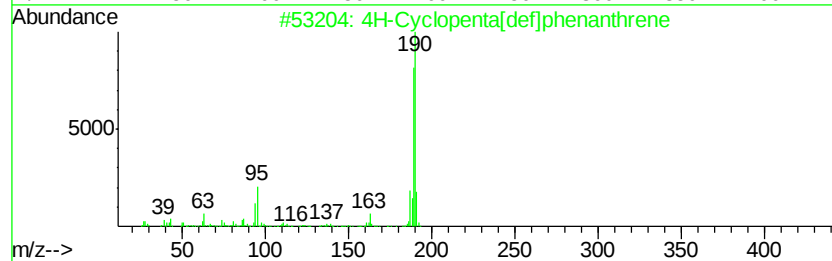
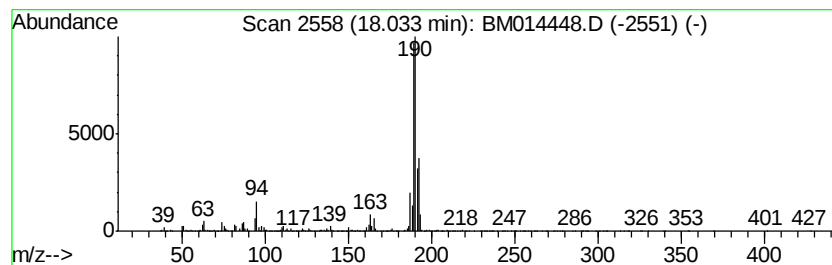
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	3.26 ng/ul	7379870	Phenanthrene-d10	16.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	50
5		Methyl diselenide	190	C2H6Se2	007101-31-7	49



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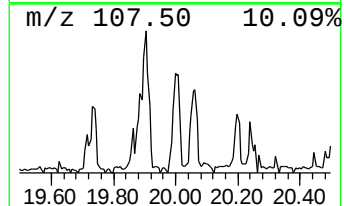
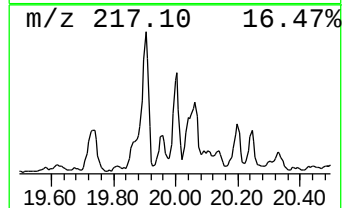
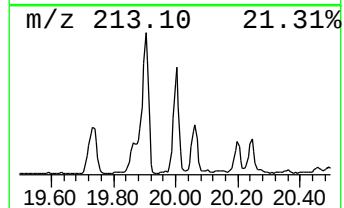
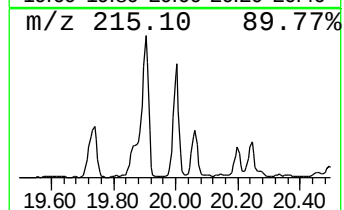
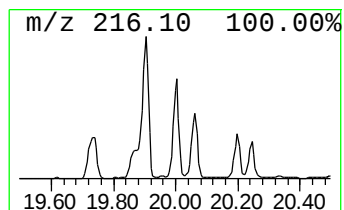
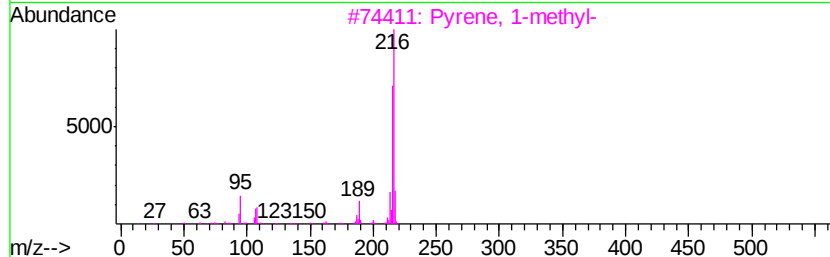
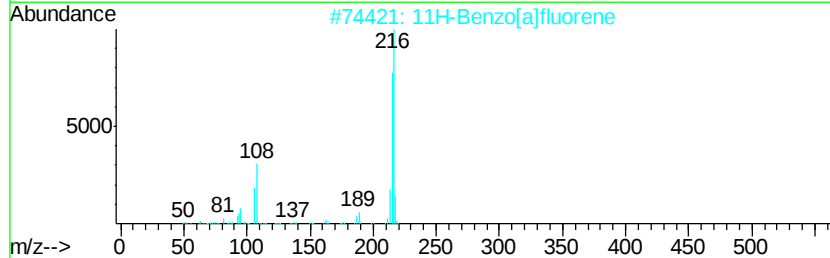
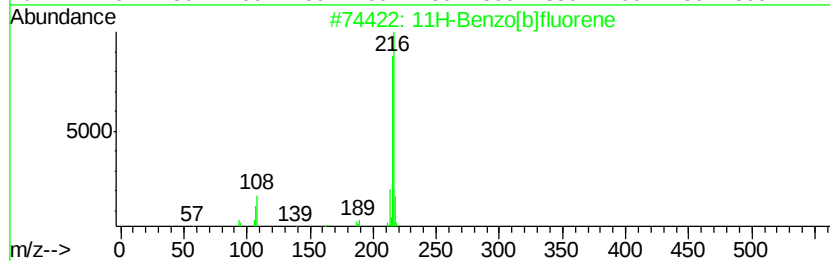
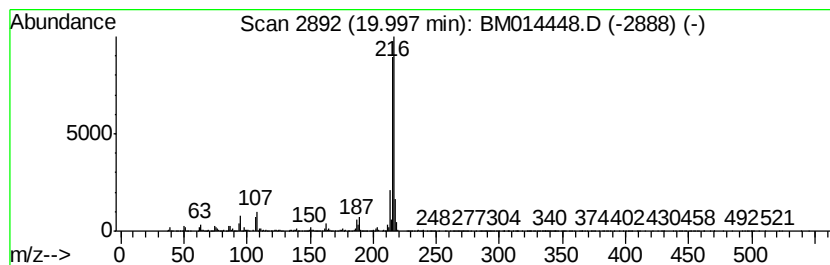
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.02 ng/ul	5636520	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	91
3	Pvrene, 1-methyl-		216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	90
5	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	87



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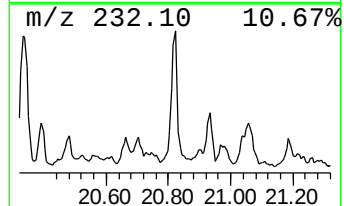
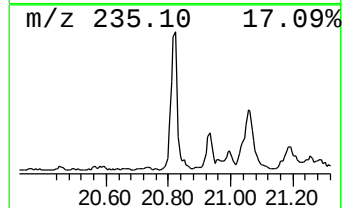
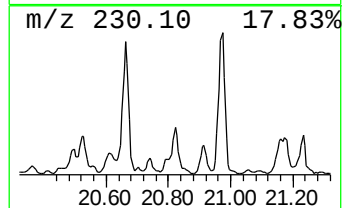
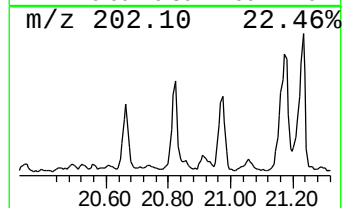
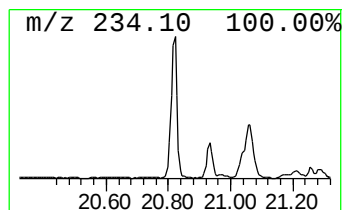
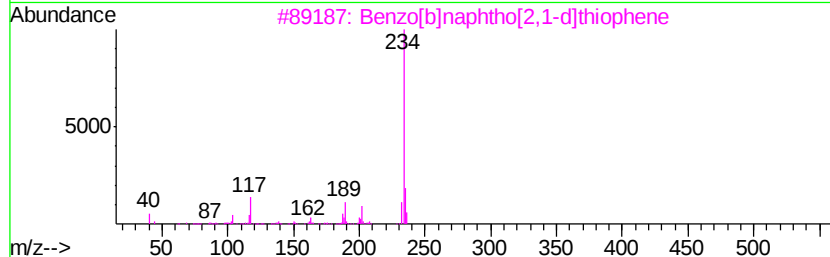
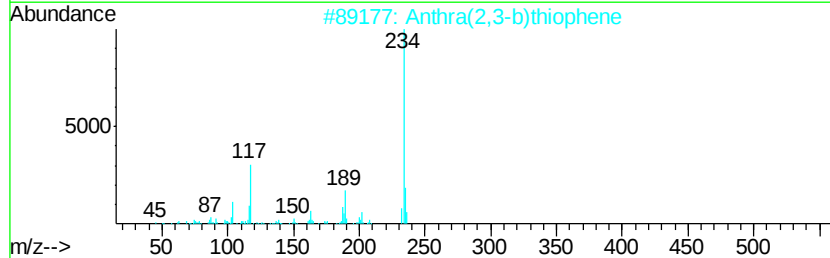
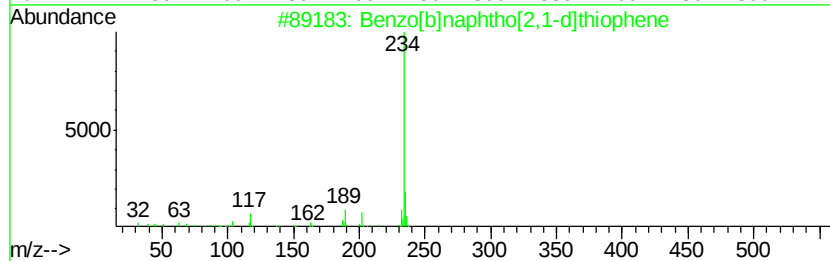
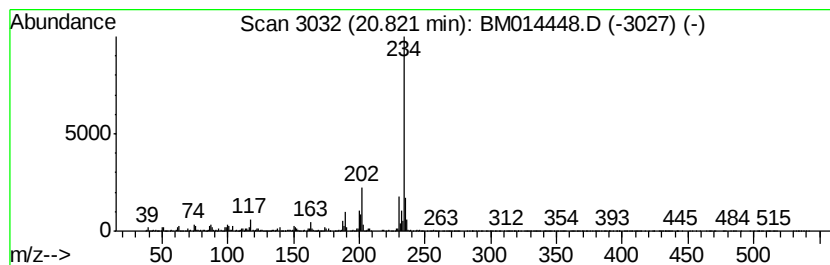
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.08 ng/u1	5799200	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
4		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	68
5		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64



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ALS Vial : 12 Sample Multiplier: 1

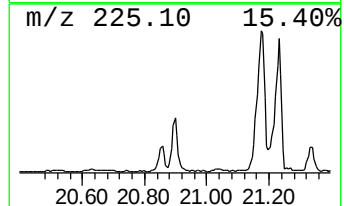
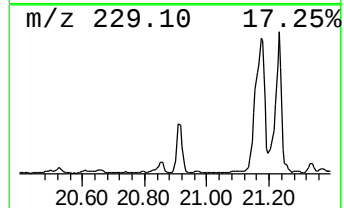
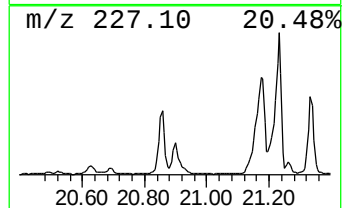
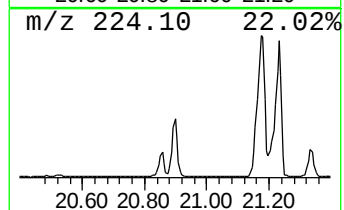
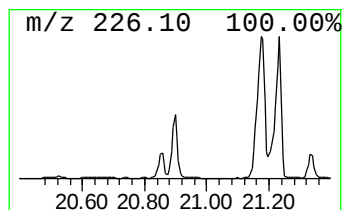
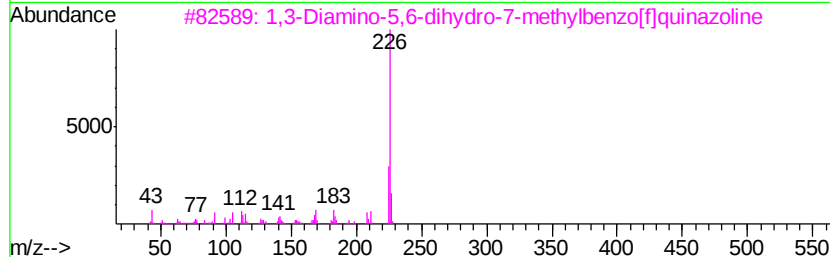
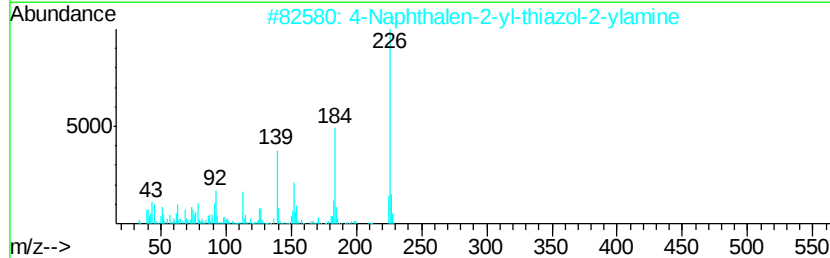
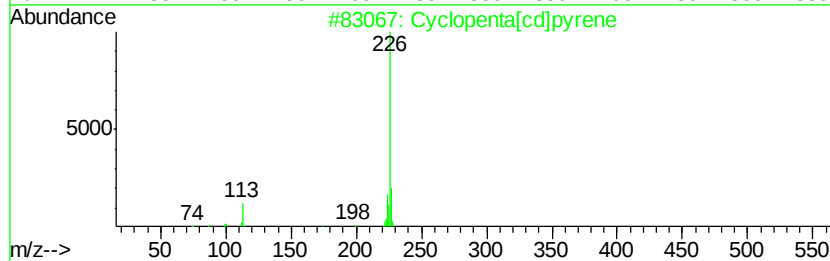
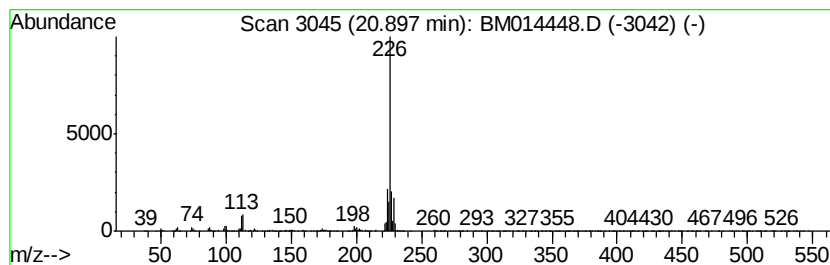
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclopenta[cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.70 ng/ul	7530430	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 76
2		4-Naphthalen-2-yl-thiazol-2-ylamine	226 C13H10N2S	1000300-53-4 53
3		1,3-Diamino-5,6-dihydro-7-methyl...	226 C13H14N4	037436-37-6 50
4		9H-Thioxanthen-9-one, 2-methyl-	226 C14H10OS	015774-82-0 42
5		.beta.-Carboline, 7-methoxy-1,2-...	226 C14H14N2O	006519-18-2 40



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014448.D
Acq On : 02 Mar 2018 00:23
Operator : SJ/JU
Sample : J1678-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Z4

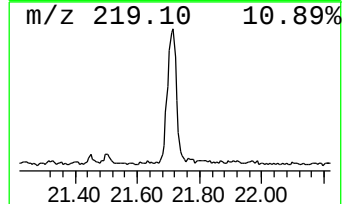
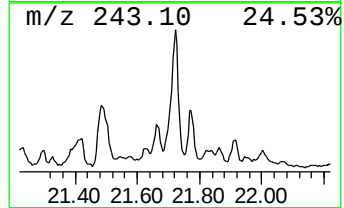
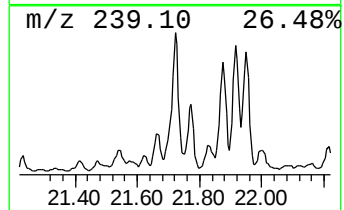
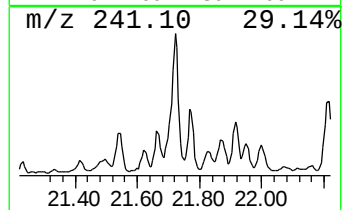
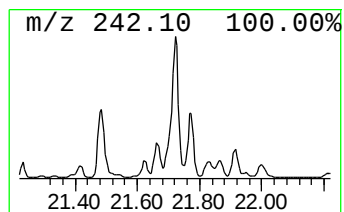
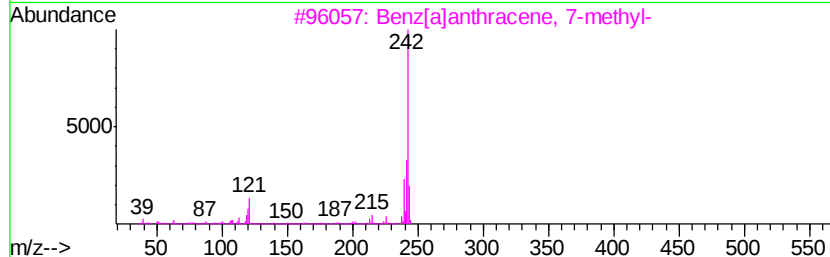
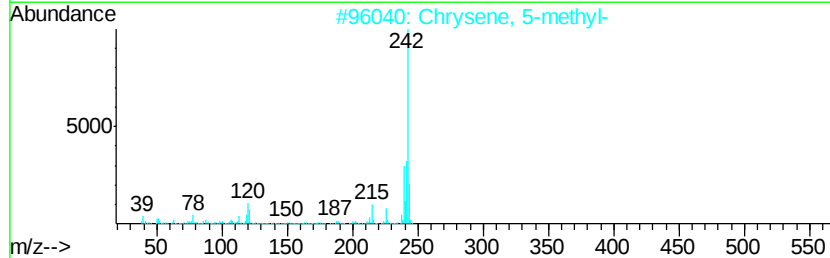
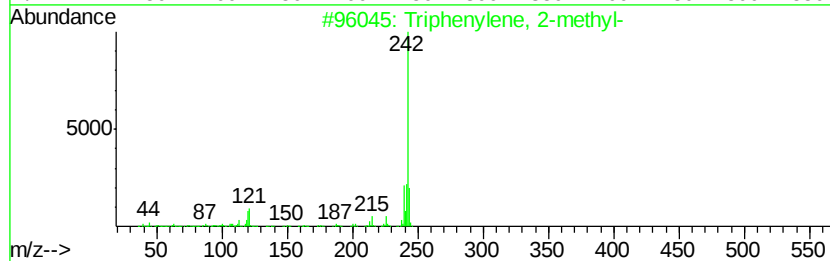
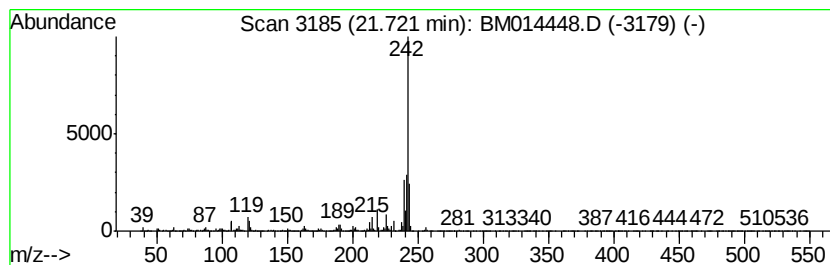
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Triphenylene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	2.39 ng/ul	6665310	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
2		Chrysene, 5-methyl-	242	C19H14	003697-24-3	94
3		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
4		Chrysene, 3-methyl-	242	C19H14	003351-31-3	93
5		Chrysene, 1-methyl-	242	C19H14	003351-28-8	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030118\
Data File : BM014448.D
Acq On : 02 Mar 2018 00:23
Operator : SJ/JU
Sample : J1678-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Z4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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...	17.88	2.4	ng/ul	5524300	4	16.95	45272400	20.0
4H-Cyclopenta[def...	18.03	3.3	ng/ul	7379870	4	16.95	45272400	20.0
11H-Benzo[b]fluorene	20.00	2.0	ng/ul	5636520	5	21.19	55811300	20.0
Benzo[b]naphtho[2...	20.82	2.1	ng/ul	5799200	5	21.19	55811300	20.0
Cyclopenta[cd]pyrene	20.90	2.7	ng/ul	7530430	5	21.19	55811300	20.0
Triphenylene, 2-m...	21.72	2.4	ng/ul	6665310	5	21.19	55811300	20.0