

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014486.D
 Acq On : 05 Mar 2018 23:11
 Operator : SJ/JU
 Sample : J1678-07DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T7DL

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	6.746	632	639	650	rBV2	57701	175395	9.35%	0.955%
2	6.869	654	660	668	rBV2	62151	112695	6.01%	0.613%
3	7.063	687	693	706	rBV	93302	184637	9.84%	1.005%
4	7.510	762	769	781	rBV	367397	644042	34.32%	3.506%
5	8.263	892	897	905	rBV3	62745	145238	7.74%	0.791%
6	8.687	962	969	975	rBV2	88951	169286	9.02%	0.922%
7	9.398	1084	1090	1098	rBV4	71031	154253	8.22%	0.840%
8	9.975	1182	1188	1198	rBV8	46528	157963	8.42%	0.860%
9	10.281	1232	1240	1258	rBV	423205	855010	45.56%	4.655%
10	10.475	1268	1273	1274	rBV	27651	31199	1.66%	0.170%
11	13.598	1799	1804	1810	rBV	174685	298511	15.91%	1.625%
12	13.645	1810	1812	1818	rVB3	33931	51284	2.73%	0.279%
13	13.863	1843	1849	1861	rBV	227687	412755	21.99%	2.247%
14	14.069	1878	1884	1888	rBV6	15957	30242	1.61%	0.165%
15	14.174	1896	1902	1909	rBV2	616112	993042	52.92%	5.406%
16	14.239	1909	1913	1919	rVB4	42318	74324	3.96%	0.405%
17	14.374	1928	1936	1943	rBV3	24306	46741	2.49%	0.254%
18	14.533	1957	1963	1968	rBV5	18655	50168	2.67%	0.273%
19	14.586	1969	1972	1977	rVB4	29390	47221	2.52%	0.257%
20	14.657	1983	1984	1994	rVB9	12785	22884	1.22%	0.125%
21	15.021	2040	2046	2053	rBV4	45839	86447	4.61%	0.471%
22	15.180	2068	2073	2080	rVV	252232	428055	22.81%	2.330%
23	15.239	2080	2083	2093	rVB3	40166	75009	4.00%	0.408%
24	15.380	2096	2107	2112	rBV10	27271	82937	4.42%	0.451%
25	15.545	2129	2135	2140	rVB5	15104	29356	1.56%	0.160%
26	15.686	2154	2159	2168	rBV7	10759	30266	1.61%	0.165%
27	15.898	2188	2195	2198	rBV5	14147	23549	1.25%	0.128%
28	16.245	2247	2254	2260	rVB5	14754	34285	1.83%	0.187%
29	16.604	2313	2315	2321	rVB5	23392	33573	1.79%	0.183%
30	16.692	2326	2330	2334	rVV7	22050	35340	1.88%	0.192%
31	16.757	2337	2341	2345	rVV2	31892	42176	2.25%	0.230%
32	16.939	2366	2372	2376	rBV	776797	1174127	62.57%	6.392%
33	16.980	2376	2379	2384	rVV	564353	806501	42.98%	4.390%
34	17.039	2384	2389	2393	rVV	321054	517759	27.59%	2.819%

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35	17.074	2393	2395	2400	rVV2	117999	157690	8.40%	0.858%
36	17.151	2404	2408	2413	rVB7	13485	26316	1.40%	0.143%
37	17.368	2435	2445	2453	rBV3	50615	129460	6.90%	0.705%
38	17.457	2457	2460	2463	rBV5	18006	25414	1.35%	0.138%
39	17.527	2468	2472	2473	rBV4	17745	20314	1.08%	0.111%
40	17.657	2493	2494	2501	rVB7	17031	23589	1.26%	0.128%
41	17.815	2517	2521	2526	rBV	105858	184697	9.84%	1.005%
42	17.868	2526	2530	2535	rVV	126554	209711	11.17%	1.142%
43	17.951	2539	2544	2548	rVV4	44455	72436	3.86%	0.394%
44	18.009	2549	2554	2558	rVV4	129057	255651	13.62%	1.392%
45	18.045	2558	2560	2567	rVB2	73874	105811	5.64%	0.576%
46	18.221	2587	2590	2591	rBV3	16741	19118	1.02%	0.104%
47	18.321	2604	2607	2613	rBV2	60432	93385	4.98%	0.508%
48	18.386	2614	2618	2624	rVB2	72330	110006	5.86%	0.599%
49	18.551	2643	2646	2647	rBV3	25038	24464	1.30%	0.133%
50	18.621	2656	2658	2662	rVB5	20386	29199	1.56%	0.159%
51	18.662	2662	2665	2669	rVB6	24727	32809	1.75%	0.179%
52	18.745	2674	2679	2683	rBV2	74267	127887	6.81%	0.696%
53	18.904	2699	2706	2709	rBV6	63442	140975	7.51%	0.767%
54	18.945	2709	2713	2717	rVB4	75058	109780	5.85%	0.598%
55	19.009	2719	2724	2732	rVV	980782	1308688	69.74%	7.124%
56	19.115	2739	2742	2744	rBV4	26893	42982	2.29%	0.234%
57	19.251	2763	2765	2770	rVB4	62730	78722	4.19%	0.429%
58	19.351	2777	2782	2784	rBV2	519385	774085	41.25%	4.214%
59	19.380	2784	2787	2794	rVV	865950	1143364	60.93%	6.224%
60	19.456	2797	2800	2806	rVB5	63987	112415	5.99%	0.612%
61	19.721	2838	2845	2851	rBV3	91220	235897	12.57%	1.284%
62	19.845	2862	2866	2867	rBV4	66093	80642	4.30%	0.439%
63	19.880	2869	2872	2878	rVB3	147910	220732	11.76%	1.202%
64	19.986	2886	2890	2894	rBV2	77023	117188	6.24%	0.638%
65	20.174	2920	2922	2927	rVB3	50353	57105	3.04%	0.311%
66	20.645	3000	3002	3005	rVB	106662	94143	5.02%	0.513%
67	21.062	3070	3073	3077	rVB	308629	316071	16.84%	1.721%
68	21.156	3082	3089	3092	rVV2	992084	1876617	100.00%	10.216%
69	21.192	3092	3095	3105	rVB	427269	588968	31.38%	3.206%
70	22.692	3346	3350	3355	rBV	298945	584301	31.14%	3.181%
71	23.333	3455	3459	3465	rVB2	484902	782434	41.69%	4.259%

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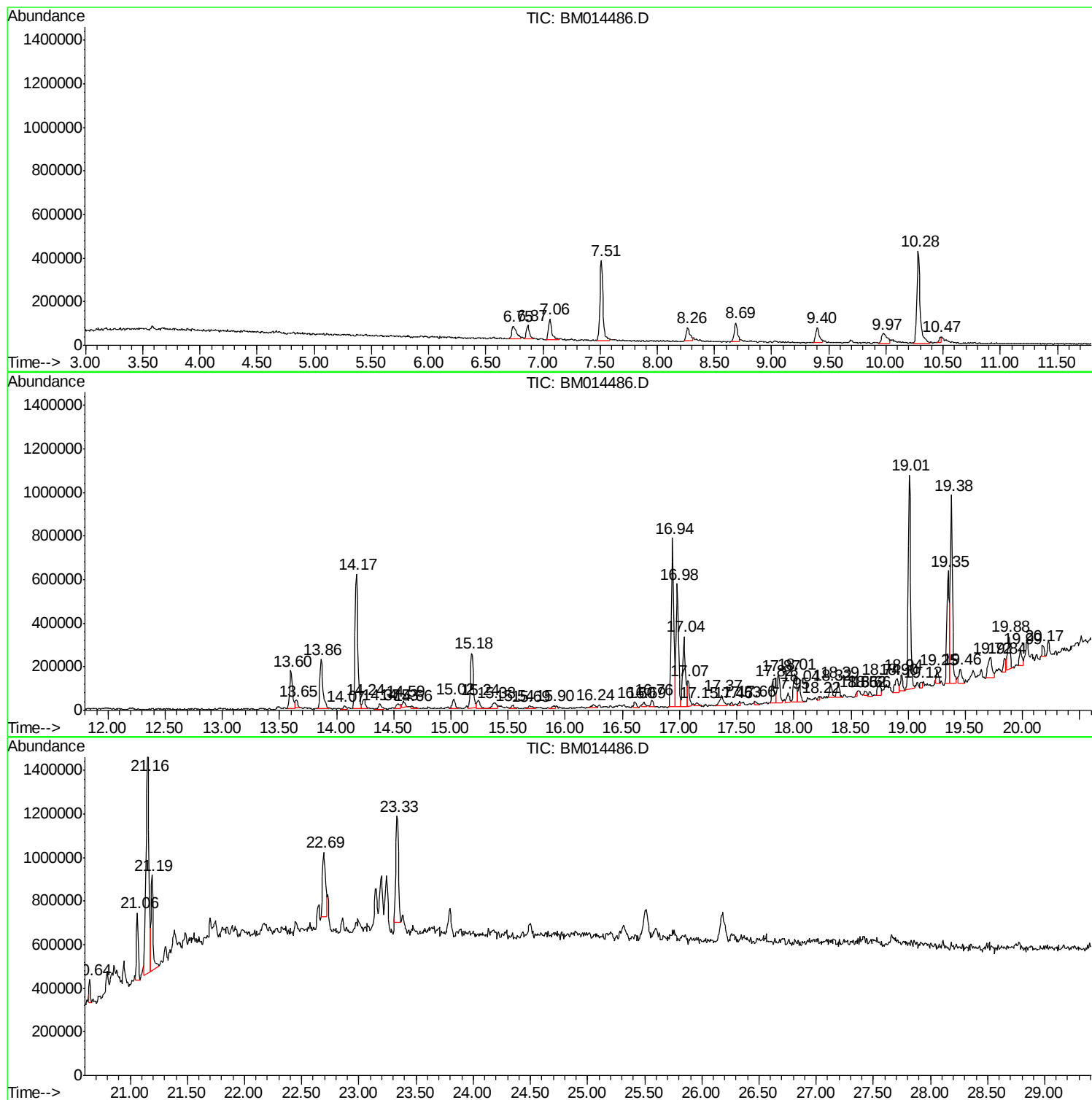
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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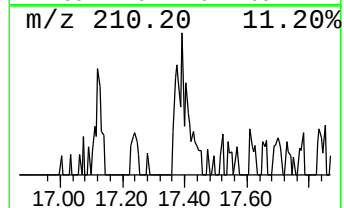
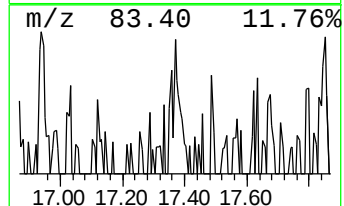
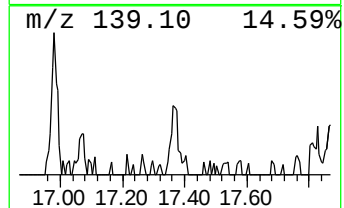
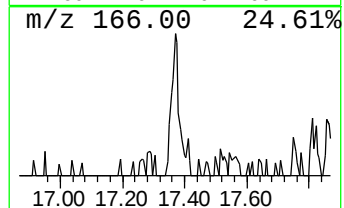
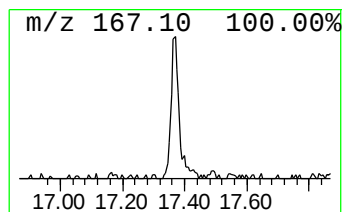
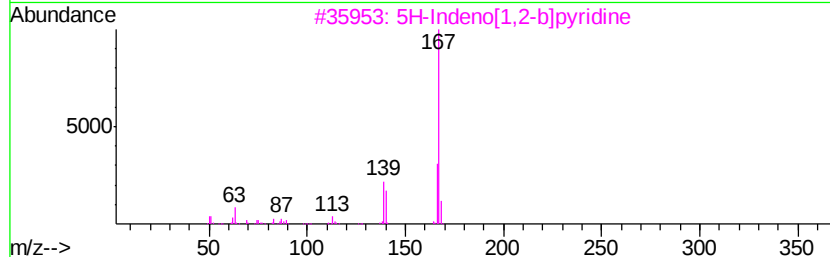
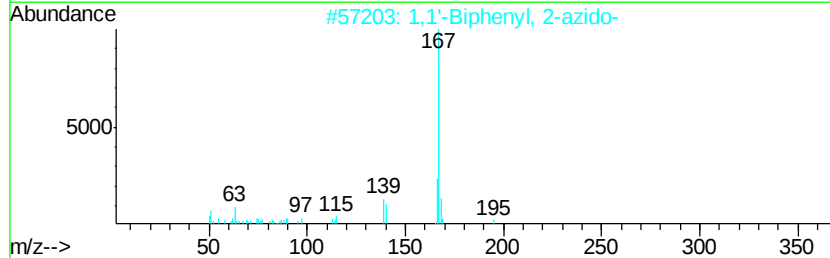
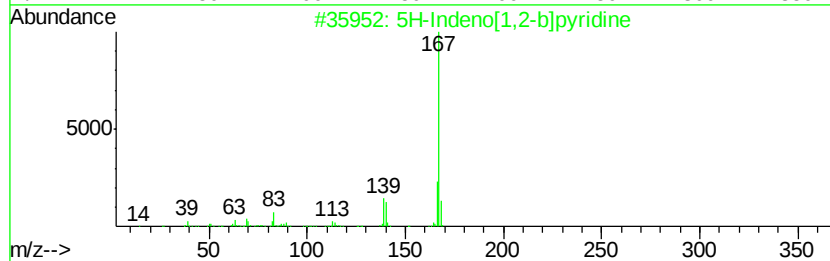
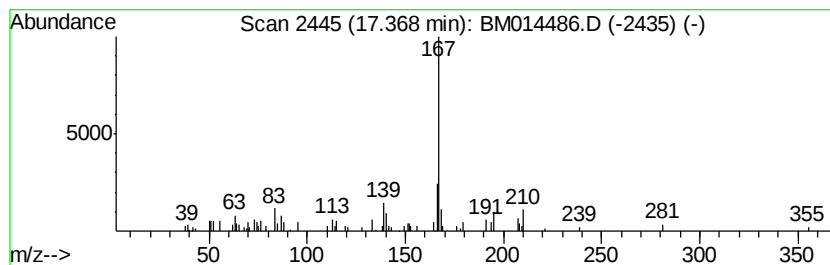
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 5H-Indeno[1,2-b]pyridine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	2.21 ng/ul	129460	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine		167	C12H9N	000244-99-5	72
2	1,1'-Biphenyl, 2-azido-		195	C12H9N3	007599-23-7	72
3	5H-Indeno[1,2-b]pyridine		167	C12H9N	000244-99-5	64
4	Carbazole		167	C12H9N	000086-74-8	64
5	9H-Carbazole, 9-nitroso-		196	C12H8N2O	002788-23-0	64



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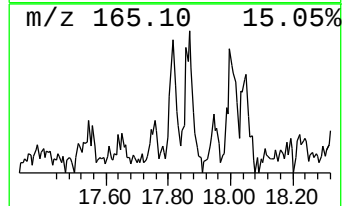
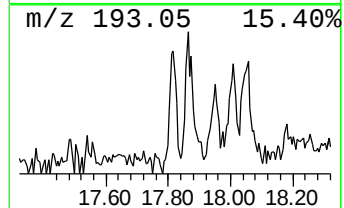
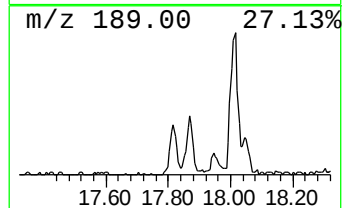
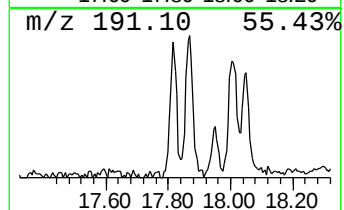
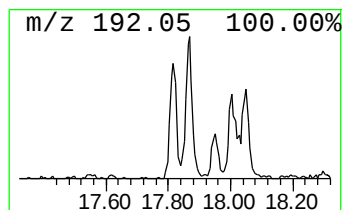
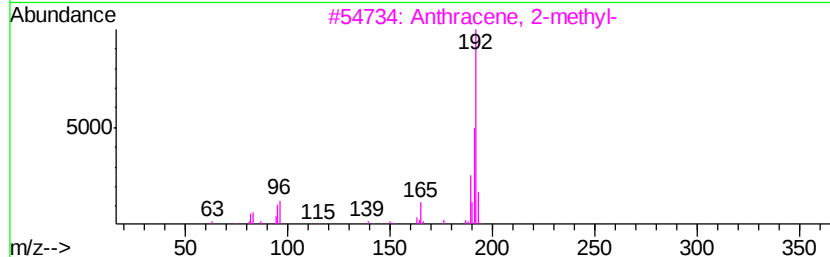
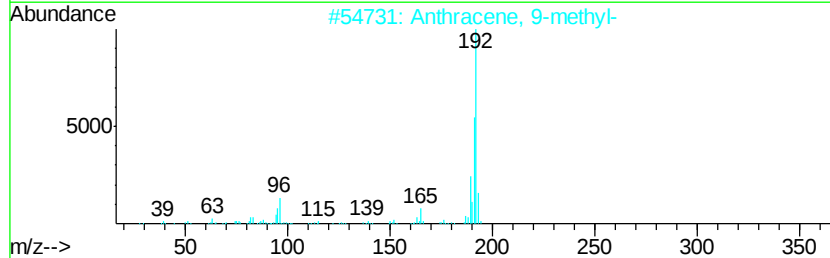
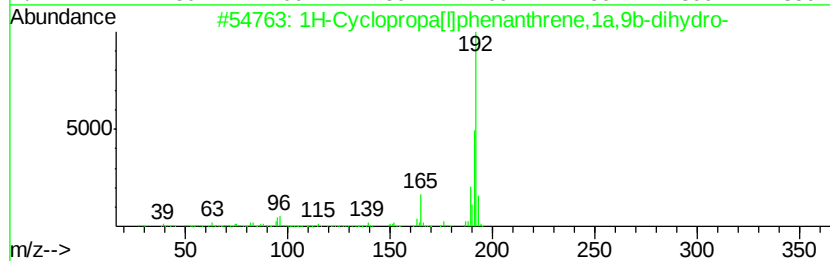
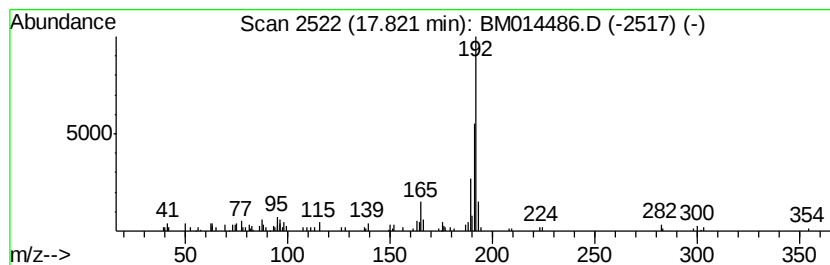
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.15 ng/ul	184697	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



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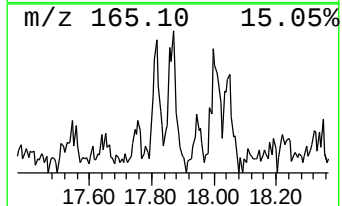
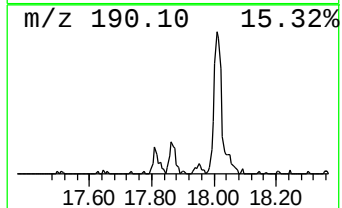
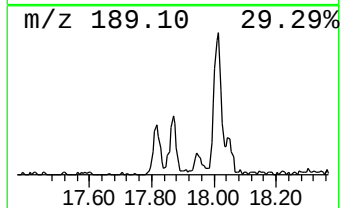
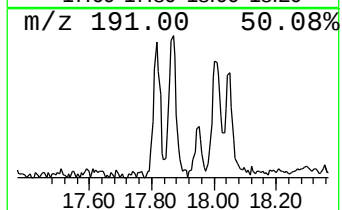
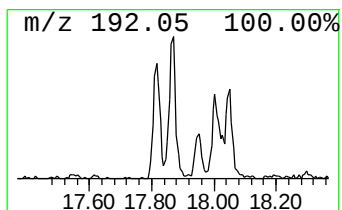
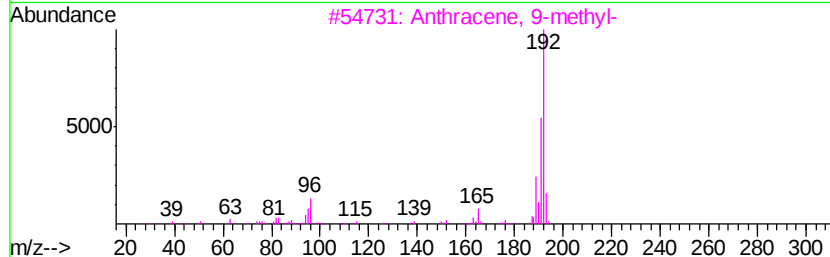
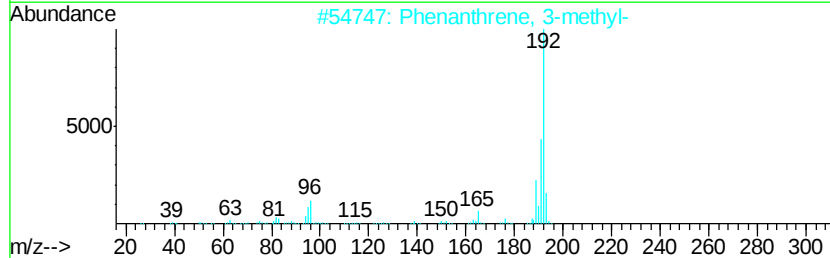
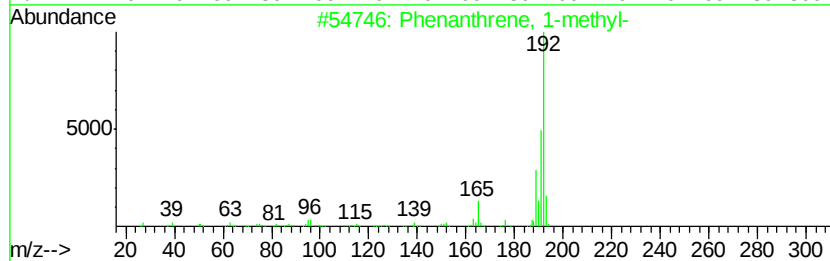
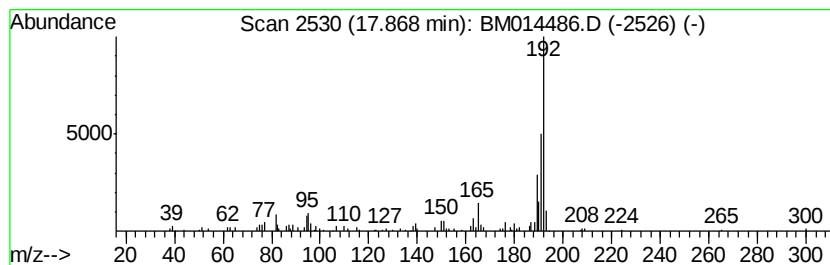
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.57 ng/ul	209711	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	76



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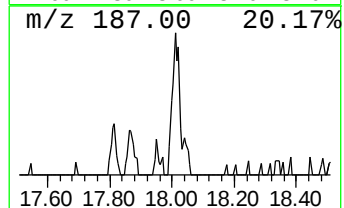
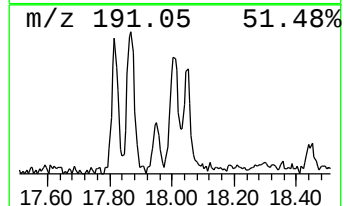
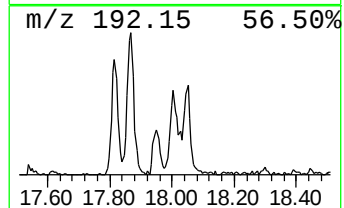
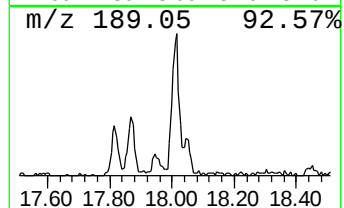
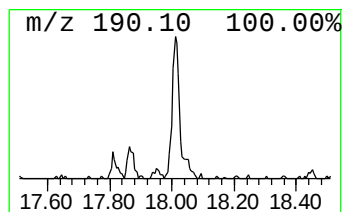
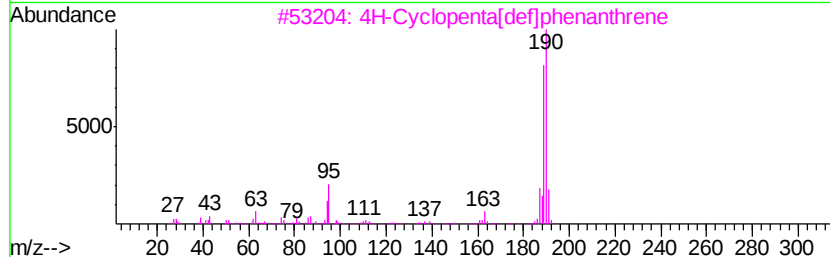
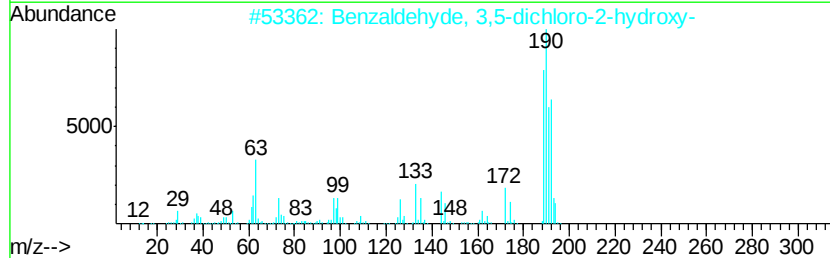
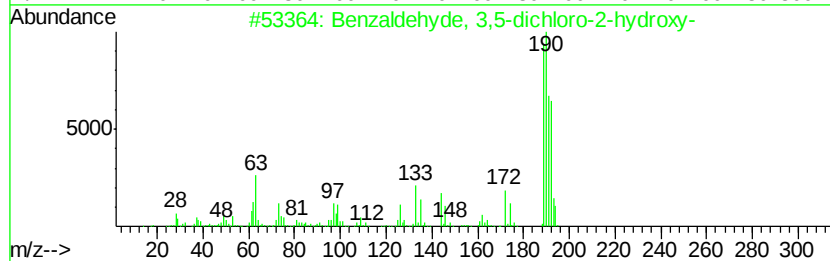
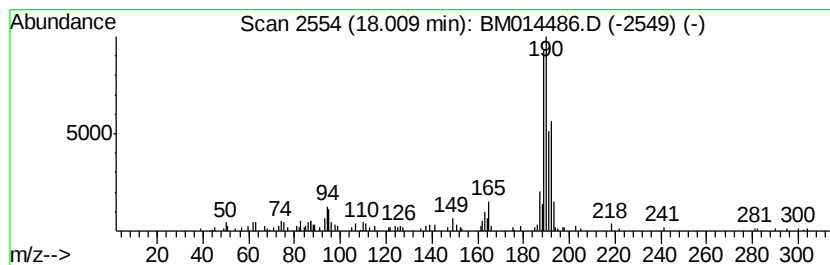
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	4.35 ng/ul	255651	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014486.D
Acq On : 05 Mar 2018 23:11
Operator : SJ/JU
Sample : J1678-07DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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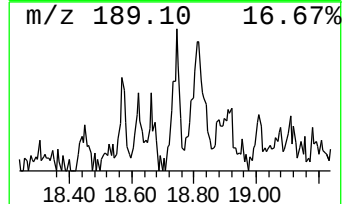
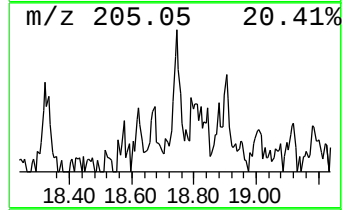
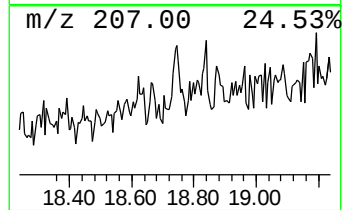
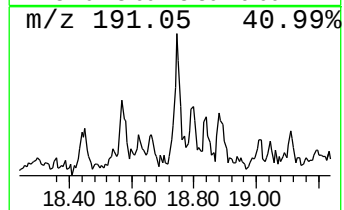
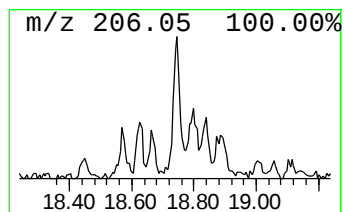
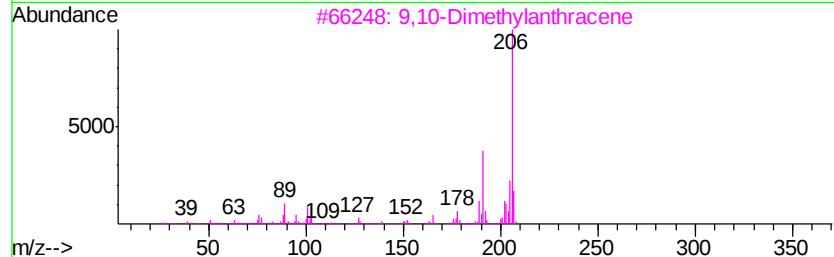
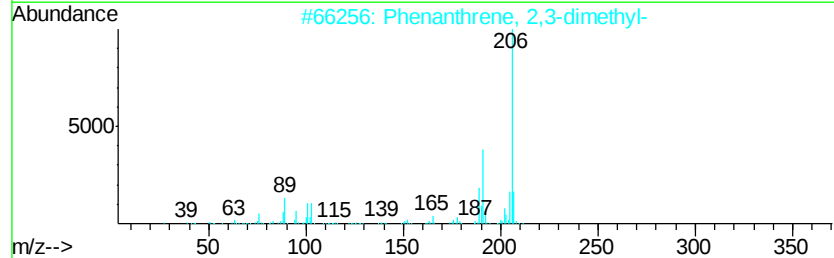
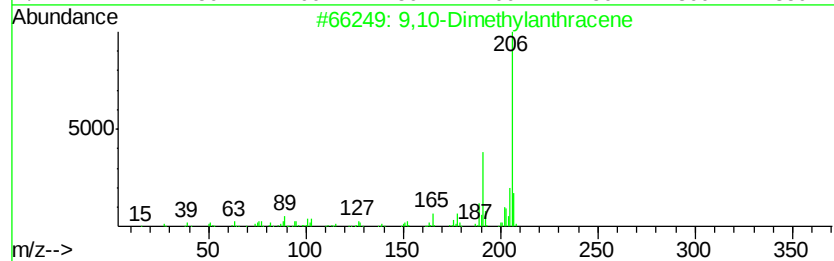
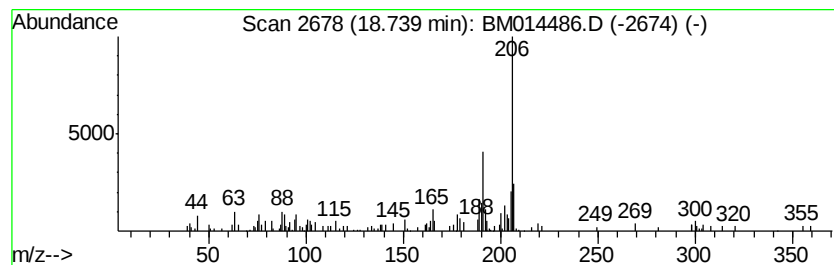
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9,10-Dimethylantracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.18 ng/ul	127887	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene			206	C16H14	000781-43-1	87
2	Phenanthrene, 2,3-dimethyl-			206	C16H14	003674-65-5	87
3	9,10-Dimethylantracene			206	C16H14	000781-43-1	87
4	Phenanthrene, 2,5-dimethyl-			206	C16H14	003674-66-6	83
5	Phenanthrene, 4,5-dimethyl-			206	C16H14	003674-69-9	81



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014486.D
Acq On : 05 Mar 2018 23:11
Operator : SJ/JU
Sample : J1678-07DL 5X
Misc :
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Instrument :
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ClientSampleId :
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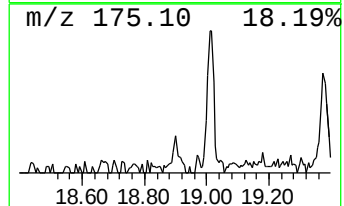
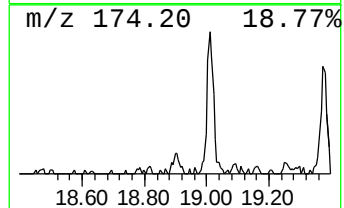
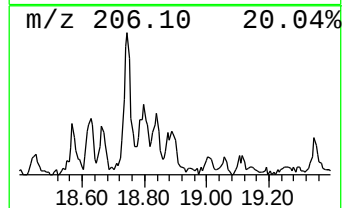
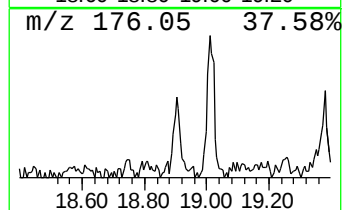
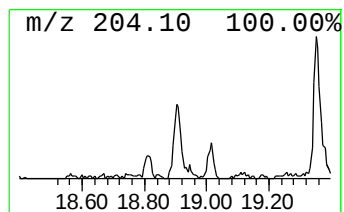
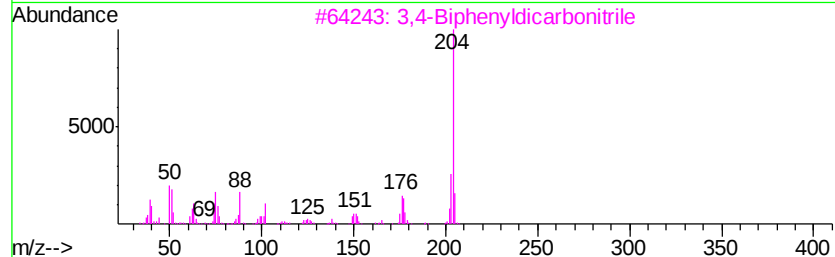
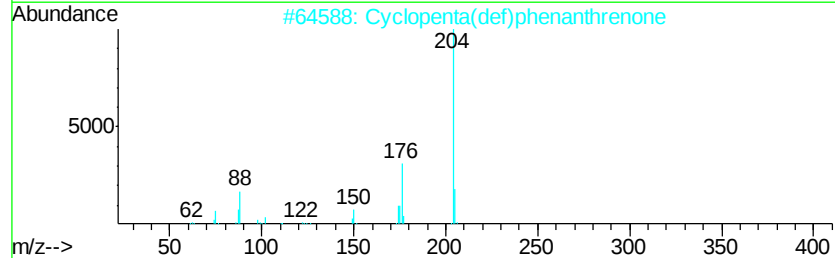
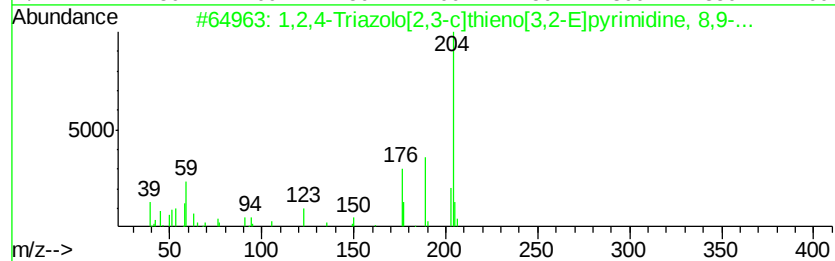
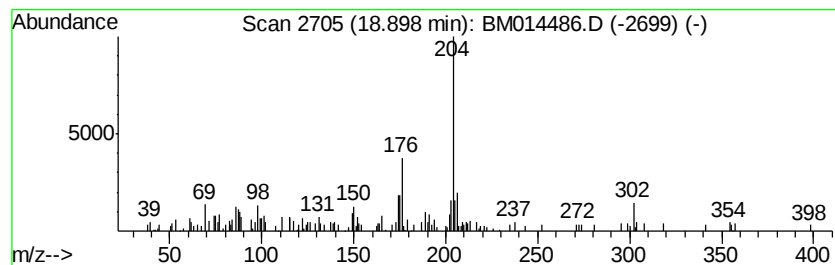
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,2,4-Triazolo[2,3-c]thieno... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.40 ng/ul	140975	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	53
2			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	47
3			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	46
4			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	46
5			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014486.D
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Operator : SJ/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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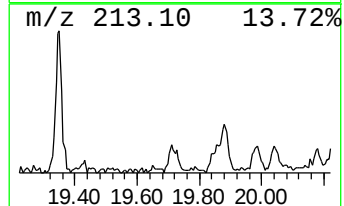
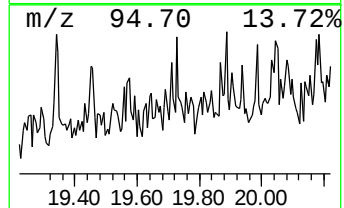
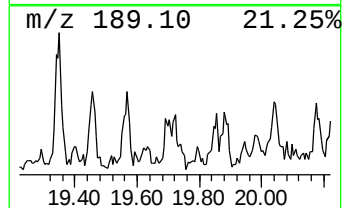
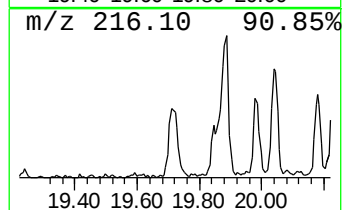
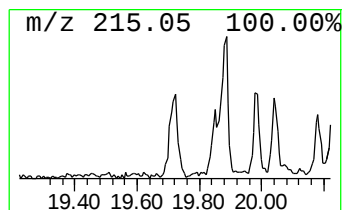
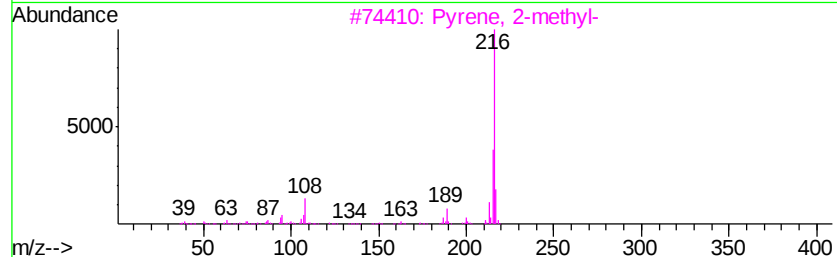
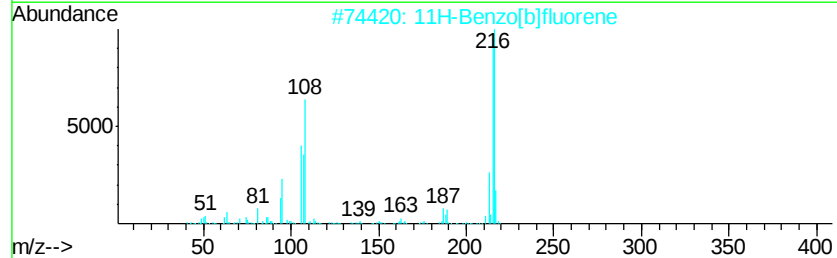
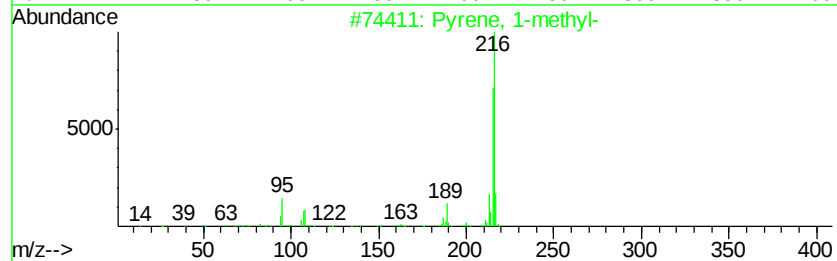
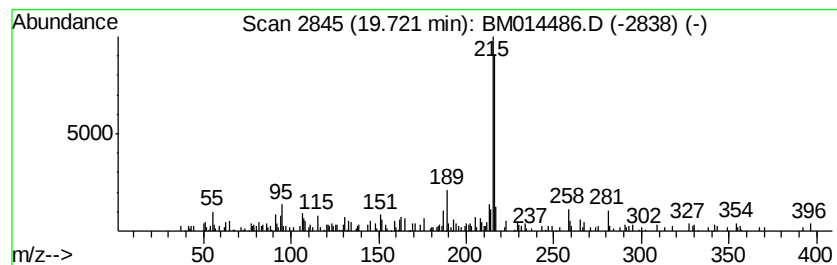
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.51 ng/ul	235897	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	59
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	55
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	52
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	52



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014486.D
Acq On : 05 Mar 2018 23:11
Operator : SJ/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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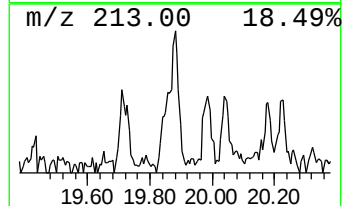
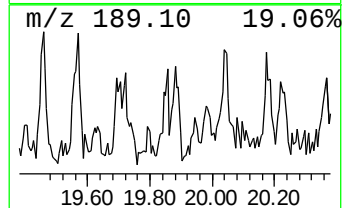
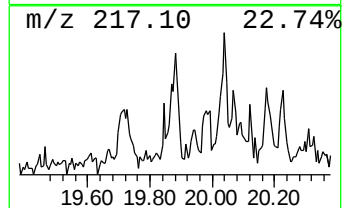
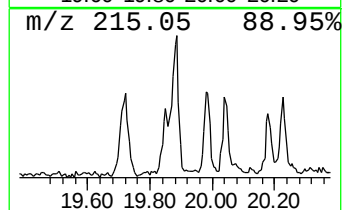
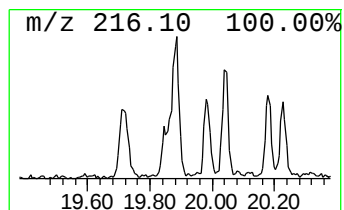
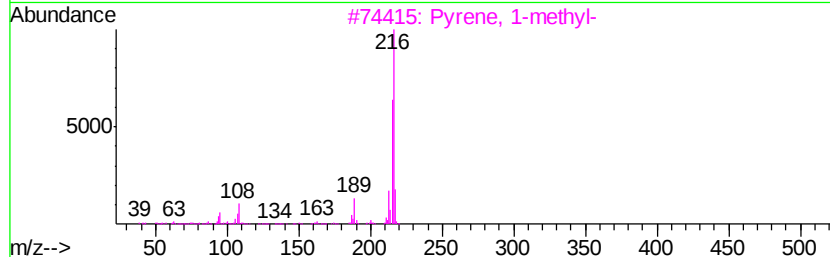
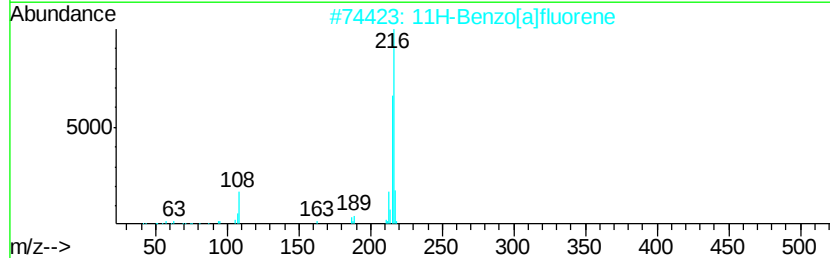
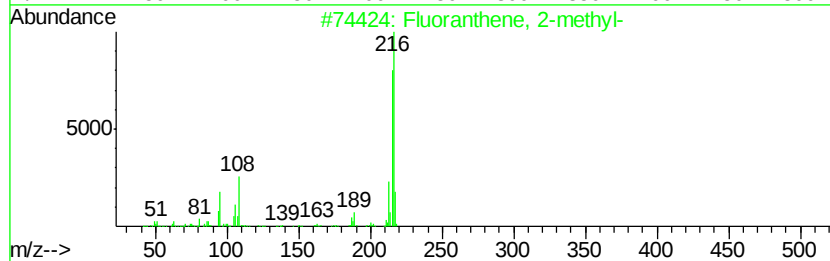
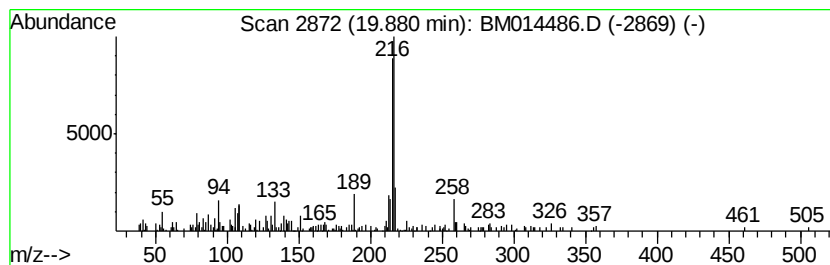
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.35 ng/ul	220732	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	83
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	80
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030518\
Data File : BM014486.D
Acq On : 05 Mar 2018 23:11
Operator : SJ/JU
Sample : J1678-07DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
5H-Indeno[1,2-b]p...	17.37	2.2	ng/ul	129460	4	16.94	1174130	20.0
1H-Cyclopropa[1]p...	17.82	3.1	ng/ul	184697	4	16.94	1174130	20.0
Phenanthrene, 1-m...	17.87	3.6	ng/ul	209711	4	16.94	1174130	20.0
Benzaldehyde, 3,5...	18.01	4.3	ng/ul	255651	4	16.94	1174130	20.0
9,10-Dimethylanthe...	18.74	2.2	ng/ul	127887	4	16.94	1174130	20.0
1,2,4-Triazolo[2,...	18.90	2.4	ng/ul	140975	4	16.94	1174130	20.0
Pyrene, 1-methyl-	19.72	2.5	ng/ul	235897	5	21.16	1876620	20.0
Fluoranthene, 2-m...	19.88	2.4	ng/ul	220732	5	21.16	1876620	20.0