

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014405.D
 Acq On : 28 Feb 2018 15:49
 Operator : SJ/JU
 Sample : J1646-07DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5X1DL

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	3.593	100	103	109	rBV2	27130	42301	1.98%	0.210%
2	4.681	284	288	292	rBV4	15285	25139	1.18%	0.125%
3	6.734	633	637	648	rBV4	38458	111880	5.24%	0.554%
4	6.875	657	661	667	rBV3	32266	52296	2.45%	0.259%
5	7.063	688	693	700	rBV3	63013	115761	5.42%	0.574%
6	7.522	763	771	782	rBV	388396	690686	32.33%	3.423%
7	8.263	891	897	906	rBV5	44105	106959	5.01%	0.530%
8	8.692	965	970	979	rBV3	48385	110483	5.17%	0.548%
9	9.404	1086	1091	1097	rBV4	41911	84738	3.97%	0.420%
10	9.963	1180	1186	1188	rBV3	34025	58482	2.74%	0.290%
11	10.292	1234	1242	1248	rBV	516518	935567	43.80%	4.637%
12	10.492	1268	1276	1280	rBV5	13031	33457	1.57%	0.166%
13	13.498	1778	1787	1792	rBV6	9379	25527	1.20%	0.127%
14	13.604	1799	1805	1809	rBV	127791	200331	9.38%	0.993%
15	13.651	1809	1813	1819	rVB2	47257	75578	3.54%	0.375%
16	13.869	1844	1850	1863	rBV2	167810	308721	14.45%	1.530%
17	14.180	1895	1903	1910	rBV2	782252	1207144	56.51%	5.983%
18	14.239	1910	1913	1918	rVB3	34092	53340	2.50%	0.264%
19	14.592	1968	1973	1978	rVB5	20289	36150	1.69%	0.179%
20	15.180	2068	2073	2079	rBV	196926	302441	14.16%	1.499%
21	15.239	2079	2083	2091	rVB2	39959	67818	3.17%	0.336%
22	15.568	2129	2139	2143	rBV5	26562	55533	2.60%	0.275%
23	15.686	2156	2159	2165	rVB7	12190	23062	1.08%	0.114%
24	15.910	2192	2197	2198	rBV2	16023	21505	1.01%	0.107%
25	16.251	2253	2255	2260	rVV5	17919	24234	1.13%	0.120%
26	16.398	2275	2280	2285	rVB9	13198	24764	1.16%	0.123%
27	16.510	2296	2299	2306	rVB8	21801	38987	1.83%	0.193%
28	16.610	2310	2316	2321	rBV5	26340	44312	2.07%	0.220%
29	16.692	2323	2330	2334	rBV10	20590	51533	2.41%	0.255%
30	16.762	2338	2342	2346	rVB3	37044	53122	2.49%	0.263%
31	16.939	2365	2372	2376	rBV	988817	1394097	65.26%	6.909%
32	16.980	2376	2379	2385	rVV	630896	878144	41.11%	4.352%
33	17.039	2385	2389	2392	rVV2	231366	335673	15.71%	1.664%
34	17.074	2392	2395	2400	rVB3	118349	172730	8.09%	0.856%

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35	17.362	2437	2444	2452	rBV4	41674	122119	5.72%	0.605%
36	17.527	2469	2472	2481	rVB6	31428	56566	2.65%	0.280%
37	17.668	2492	2496	2502	rVB9	18490	33305	1.56%	0.165%
38	17.815	2517	2521	2525	rBV	137298	198089	9.27%	0.982%
39	17.862	2525	2529	2536	rVV	161678	276741	12.96%	1.372%
40	17.945	2540	2543	2548	rVV3	48105	81224	3.80%	0.403%
41	18.009	2548	2554	2558	rVV3	181958	336813	15.77%	1.669%
42	18.045	2558	2560	2570	rVB	107155	157959	7.39%	0.783%
43	18.215	2585	2589	2594	rBV7	29149	49590	2.32%	0.246%
44	18.321	2605	2607	2612	rVV	61995	74028	3.47%	0.367%
45	18.380	2613	2617	2624	rVB3	95400	148388	6.95%	0.735%
46	18.627	2657	2659	2662	rVB4	32757	26986	1.26%	0.134%
47	18.668	2662	2666	2668	rBV5	29749	34032	1.59%	0.169%
48	18.745	2674	2679	2684	rBV	107225	177901	8.33%	0.882%
49	18.892	2699	2704	2709	rBV5	59347	124185	5.81%	0.615%
50	19.009	2719	2724	2730	rVB	961192	1281598	60.00%	6.352%
51	19.115	2739	2742	2745	rBV5	34339	57828	2.71%	0.287%
52	19.351	2777	2782	2783	rBV2	420234	536092	25.10%	2.657%
53	19.380	2783	2787	2792	rVB	914415	1263937	59.17%	6.264%
54	19.456	2797	2800	2802	rBV4	49064	53927	2.52%	0.267%
55	19.715	2839	2844	2850	rBV4	65561	131960	6.18%	0.654%
56	19.845	2863	2866	2868	rBV4	59074	86504	4.05%	0.429%
57	19.986	2886	2890	2892	rBV	73191	104204	4.88%	0.516%
58	20.039	2897	2899	2904	rVB2	111600	120918	5.66%	0.599%
59	20.180	2920	2923	2927	rBV	79932	91799	4.30%	0.455%
60	20.227	2928	2931	2935	rVB	75923	87759	4.11%	0.435%
61	20.797	3025	3028	3032	rBV2	110465	164883	7.72%	0.817%
62	21.068	3070	3074	3079	rBV	1570734	1718655	80.46%	8.518%
63	21.150	3082	3088	3092	rVV3	1232180	2136128	100.00%	10.587%
64	21.192	3092	3095	3100	rVB	470365	581691	27.23%	2.883%
65	21.403	3128	3131	3135	rVB	618541	670199	31.37%	3.322%
66	23.327	3454	3458	3464	rVB2	588695	955367	44.72%	4.735%
67	23.809	3537	3540	3549	rVB2	283447	473439	22.16%	2.346%

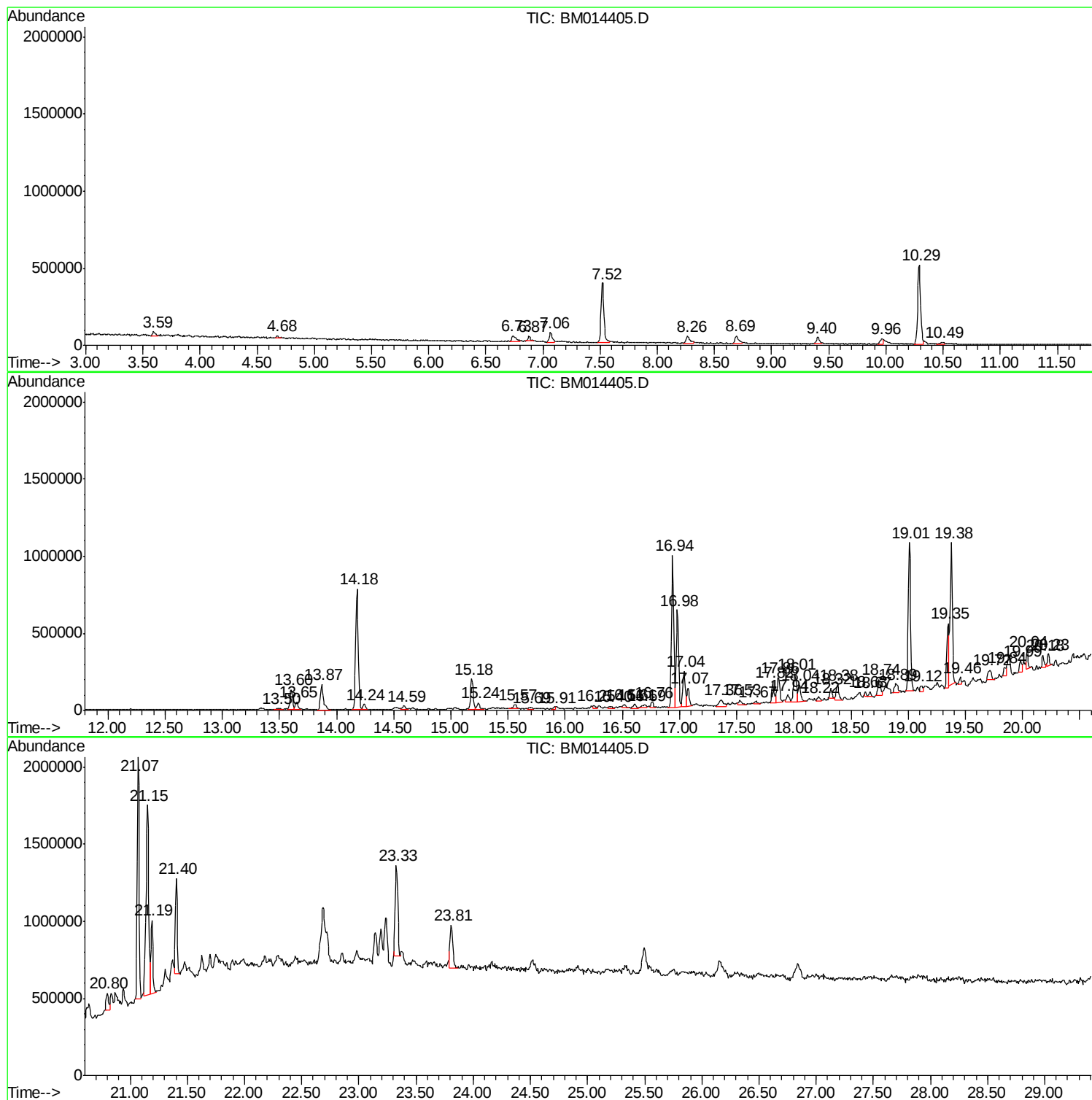
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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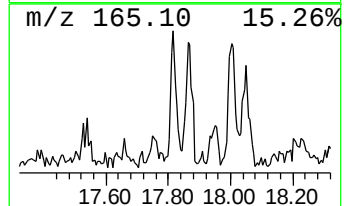
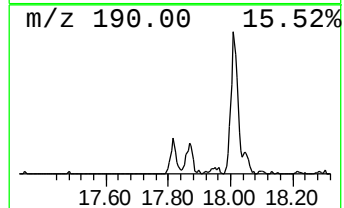
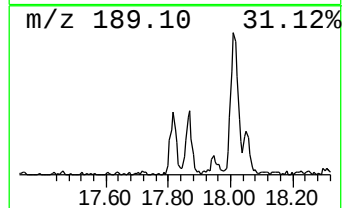
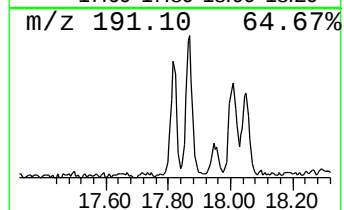
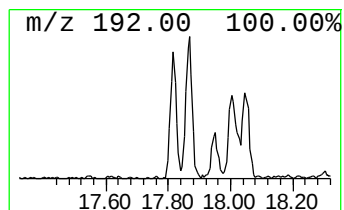
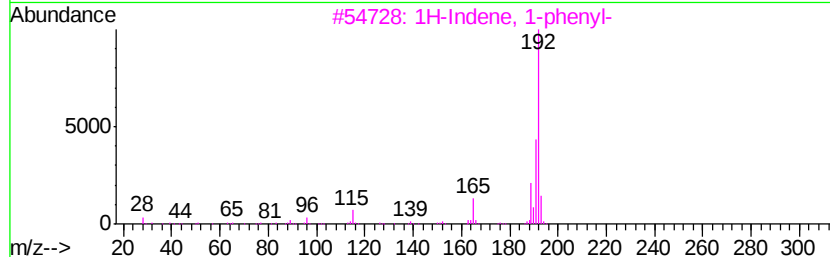
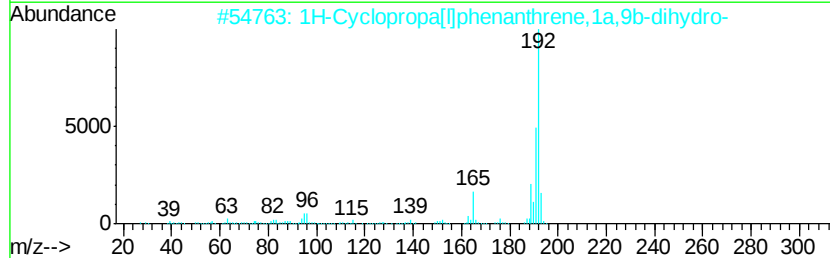
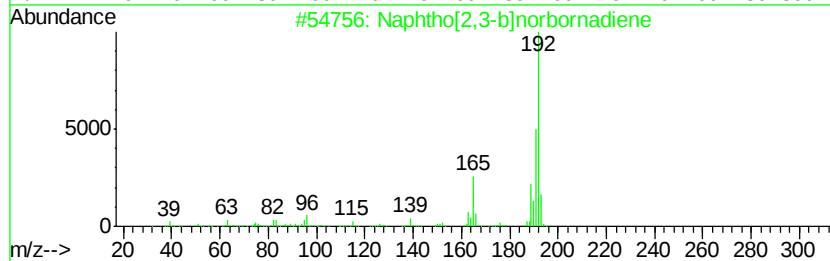
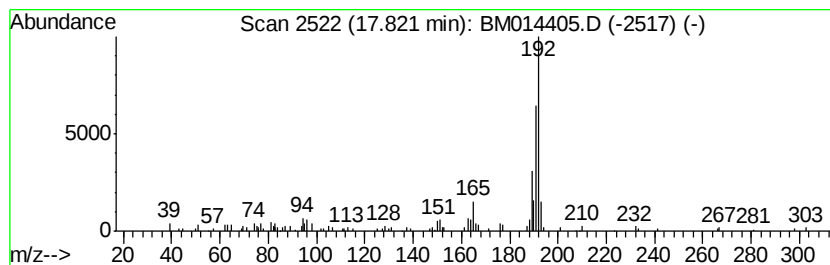
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphtho[2,3-b]norbornadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.84 ng/ul	198089	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	89
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76



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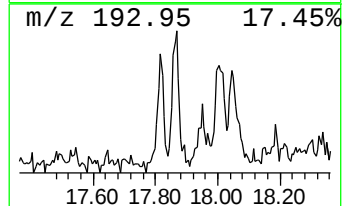
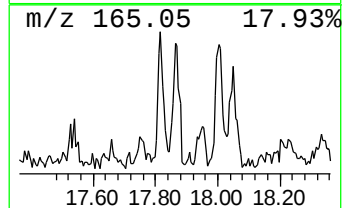
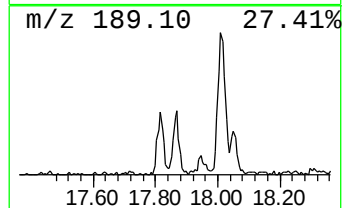
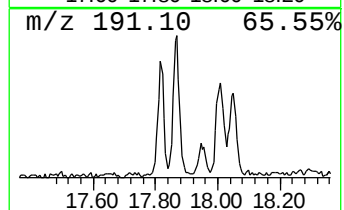
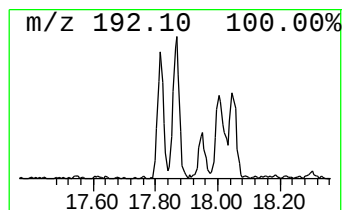
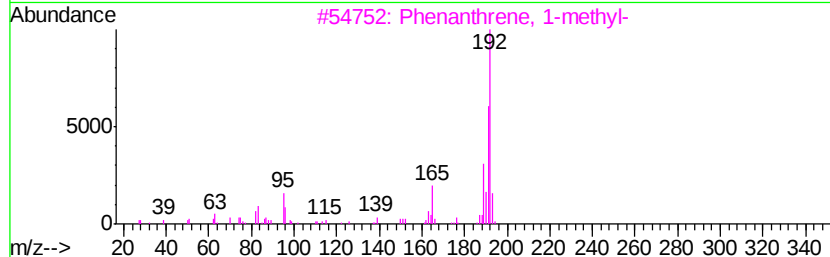
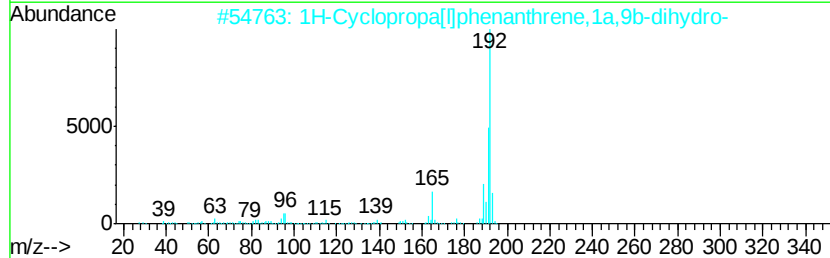
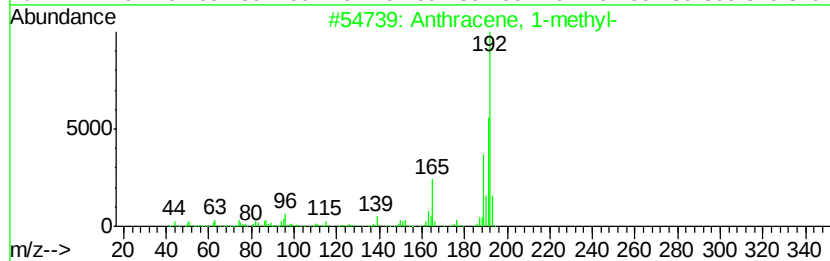
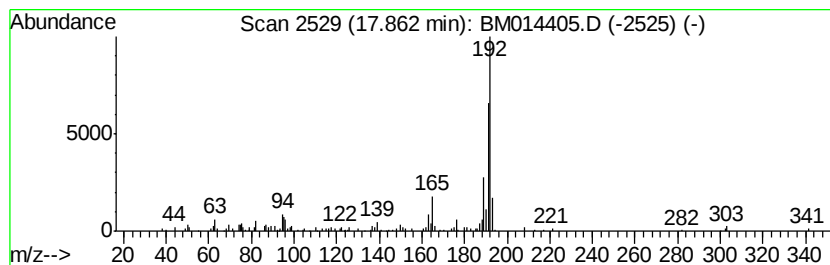
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.86	3.97 ng/ul	276741	Phenanthrene-d10		16.94	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



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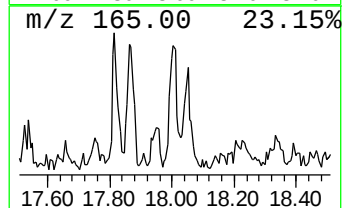
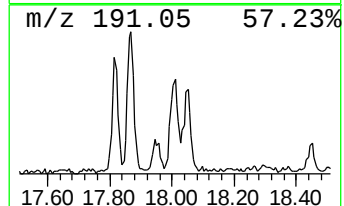
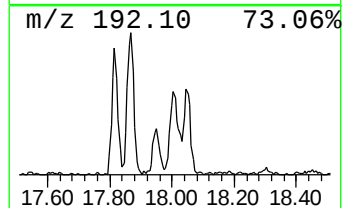
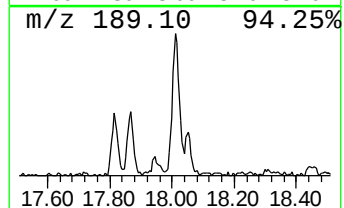
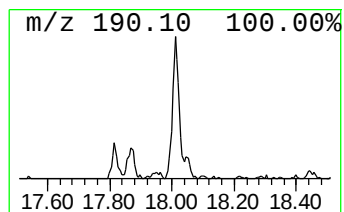
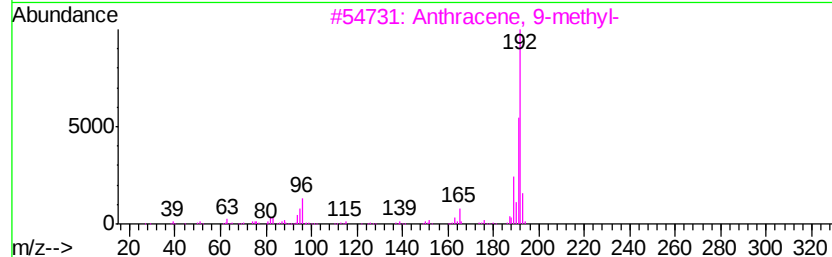
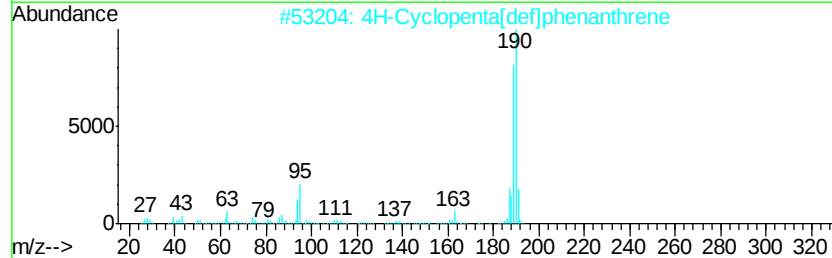
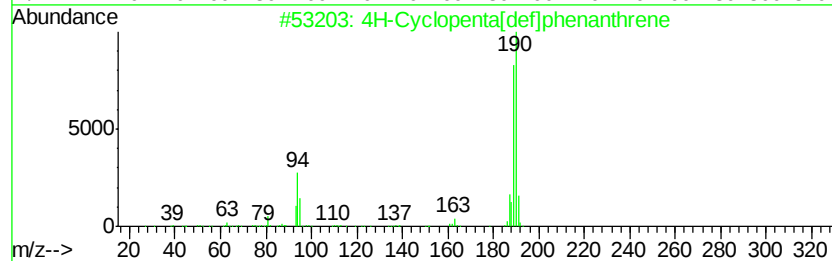
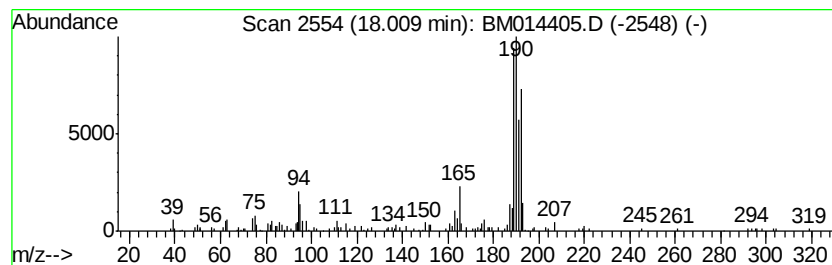
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	4.83 ng/ul	336813	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	49
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46



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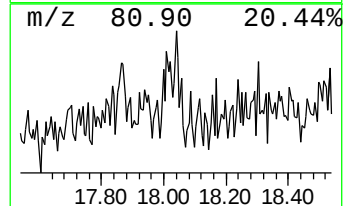
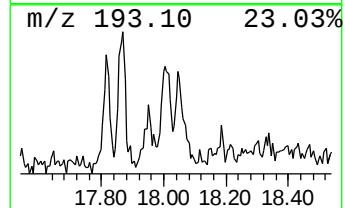
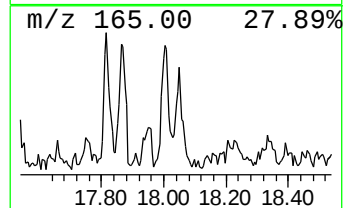
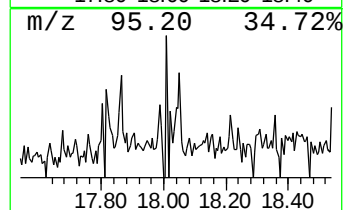
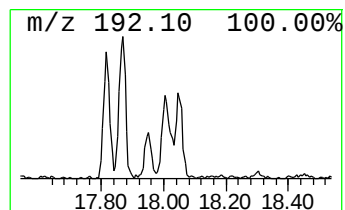
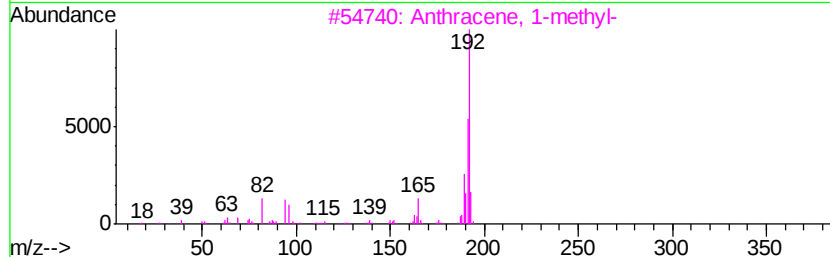
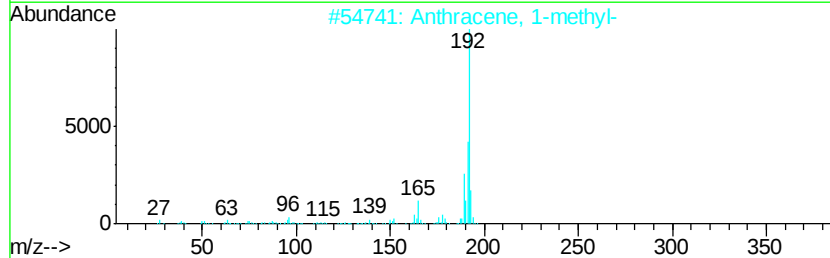
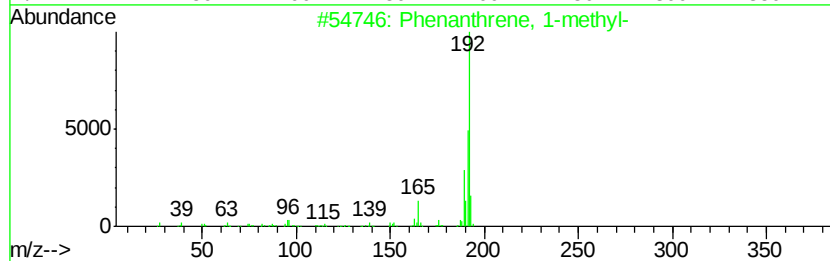
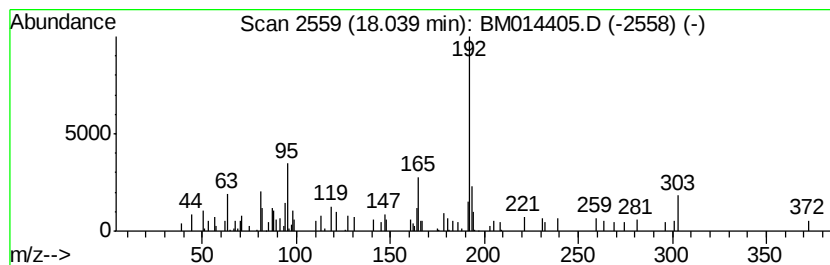
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.27 ng/ul	157959	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76	
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76	
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76	
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76	
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76	



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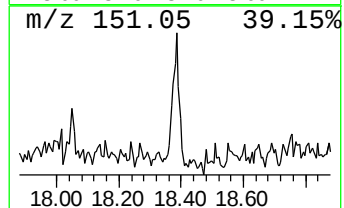
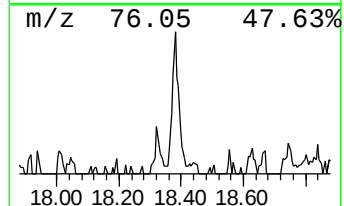
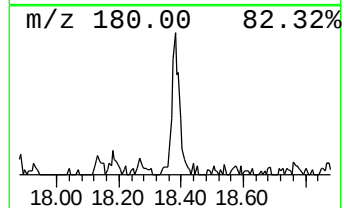
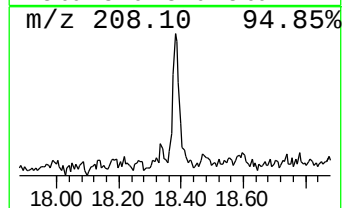
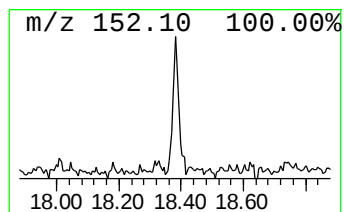
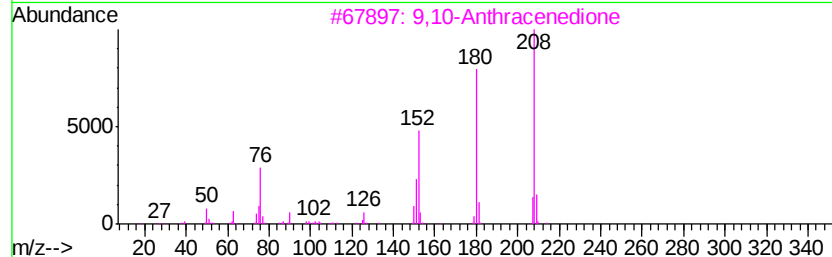
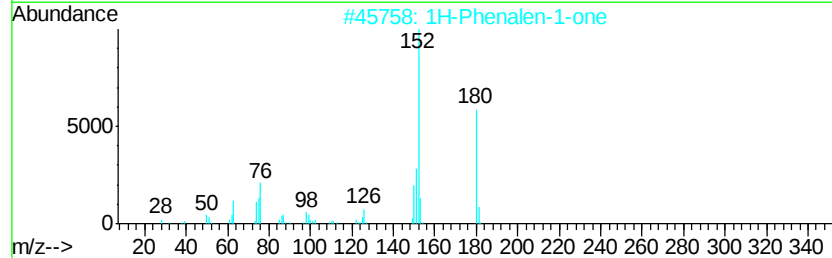
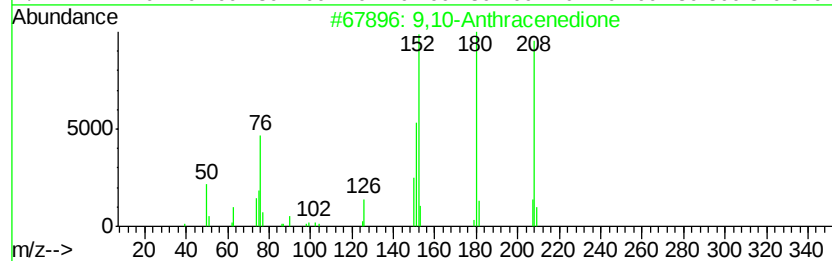
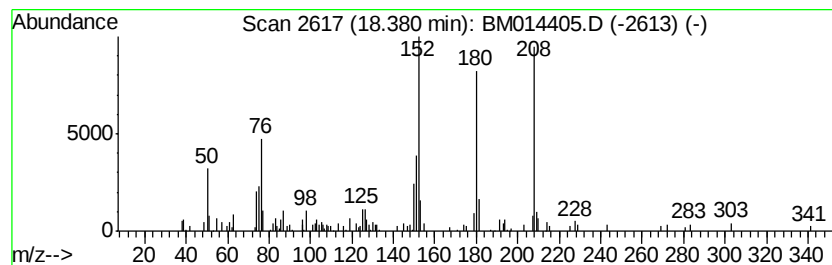
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.38	2.13 ng/ul	148388	Phenanthrene-d10		16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
2	1H-Phenalen-1-one			180	C13H8O	000548-39-0	86
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	72
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	64
5	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	62



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014405.D
Acq On : 28 Feb 2018 15:49
Operator : SJ/JU
Sample : J1646-07DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5X1DL

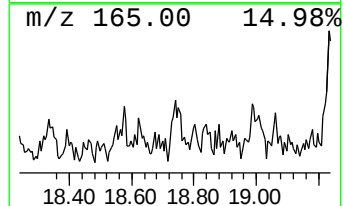
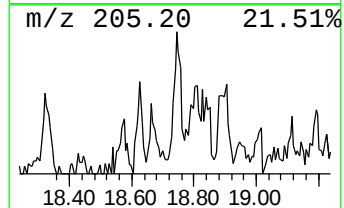
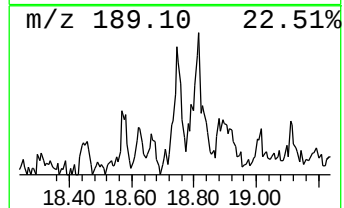
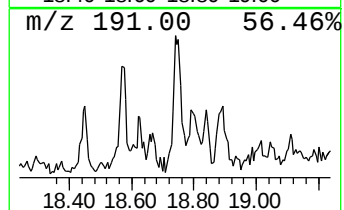
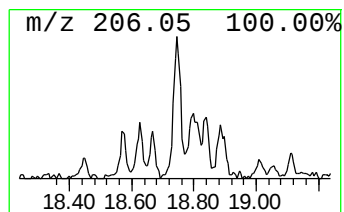
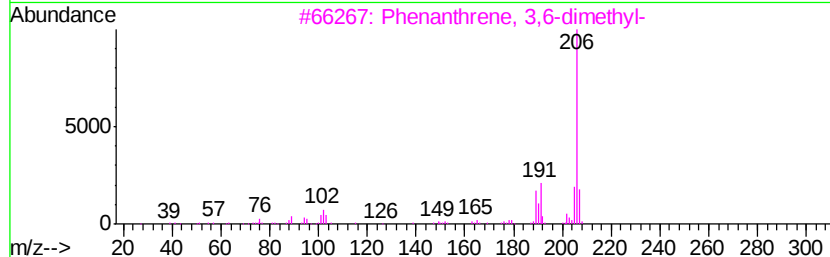
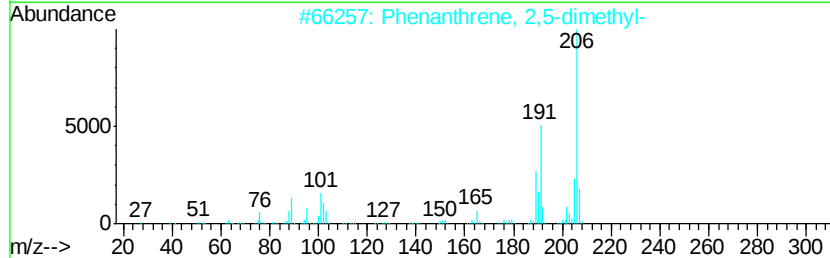
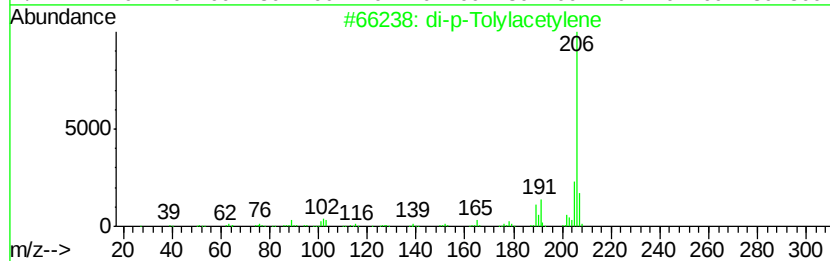
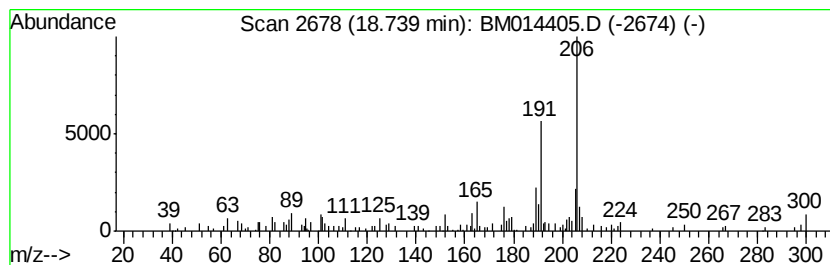
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.55 ng/ul	177901	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	87
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014405.D
Acq On : 28 Feb 2018 15:49
Operator : SJ/JU
Sample : J1646-07DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

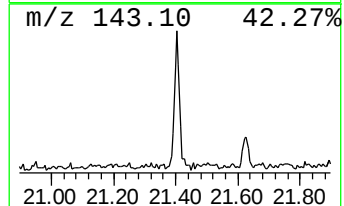
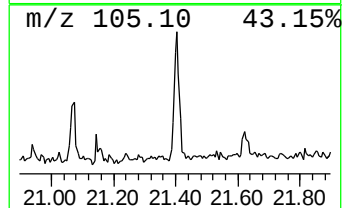
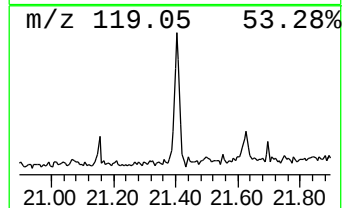
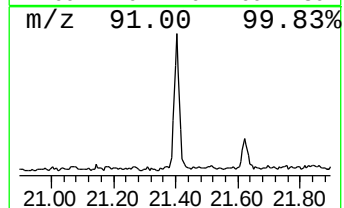
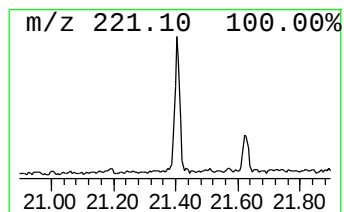
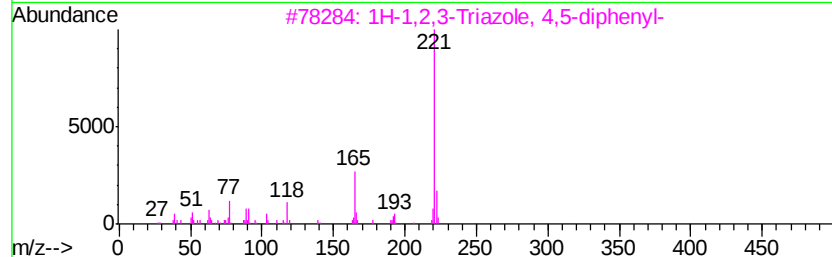
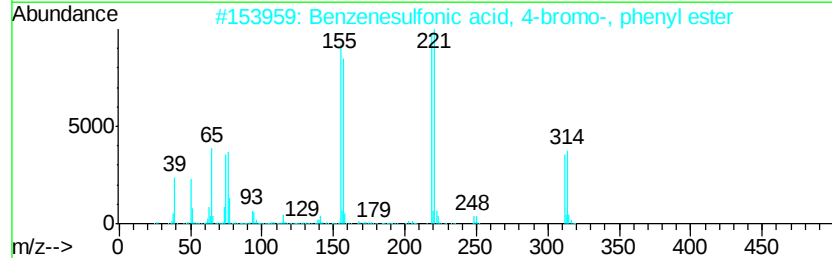
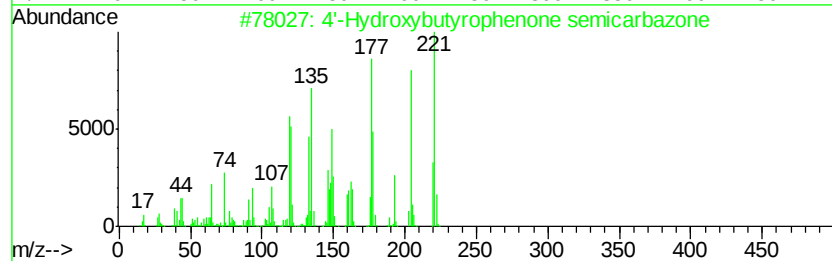
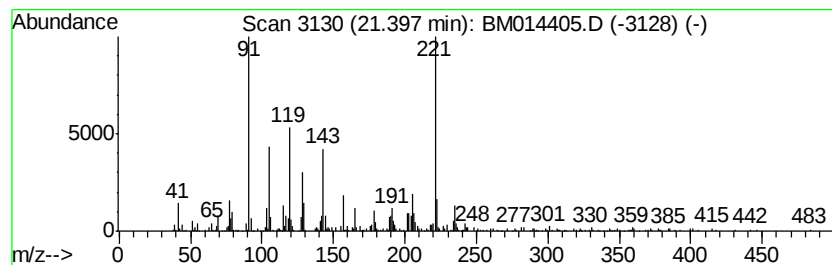
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.40	6.27 ng/ul	670199	Chrysene-d12	21.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Hydroxybutyrophenone semicarb...	221	C11H15N3O2	1000240-11-4	49
2	Benzenesulfonic acid, 4-bromo-, ...	312	C12H9BrO3S	005455-14-1	42
3	1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3	005533-73-3	38
4	4-Hydroxy-beta-phenylcinnamonitrile	221	C15H11NO	016281-90-6	38
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	37



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014405.D
Acq On : 28 Feb 2018 15:49
Operator : SJ/JU
Sample : J1646-07DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5X1DL

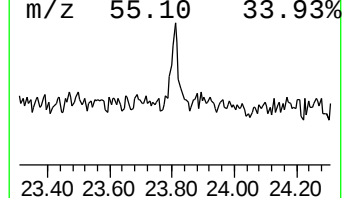
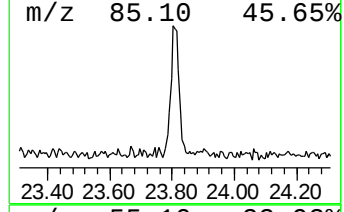
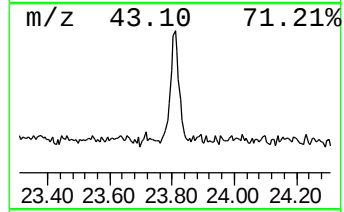
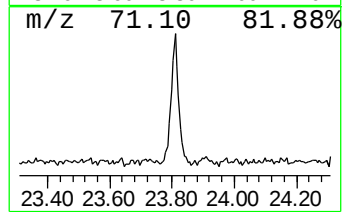
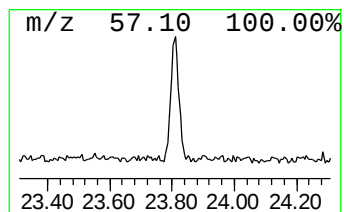
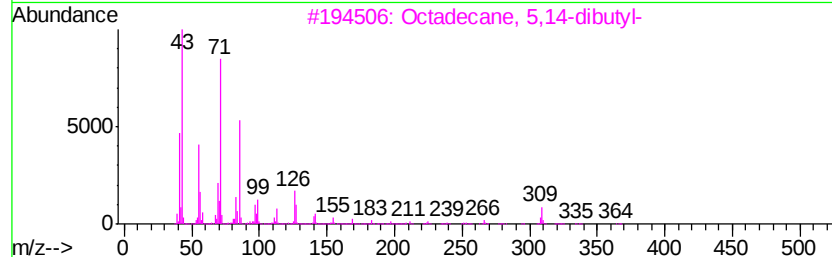
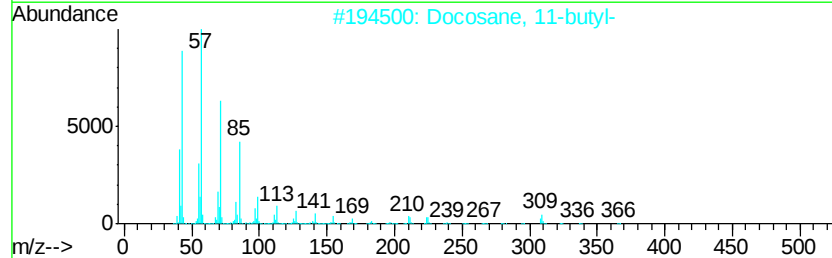
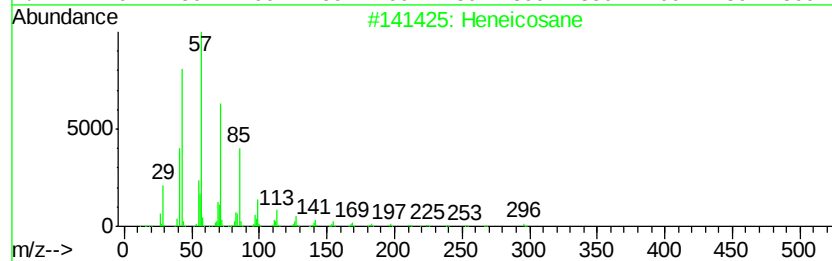
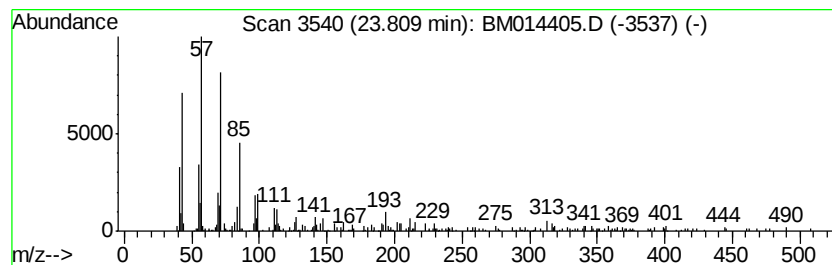
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	9.91 ng/ul	473439	Perylene-d12	23.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	94
2			Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3			Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	90
4			Octadecane	254	C18H38	000593-45-3	87
5			Dodecane	170	C12H26	000112-40-3	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022818\
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Misc :
ALS Vial : 11 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
Naphtho[2,3-b]nor...	17.82	2.8	ng/ul	198089	4	16.94	1394100	20.0
Anthracene, 1-met...	17.86	4.0	ng/ul	276741	4	16.94	1394100	20.0
4H-Cyclopenta[def...	18.01	4.8	ng/ul	336813	4	16.94	1394100	20.0
Phenanthrene, 1-m...	18.04	2.3	ng/ul	157959	4	16.94	1394100	20.0
9,10-Anthracenedione	18.38	2.1	ng/ul	148388	4	16.94	1394100	20.0
di-p-Tolylacetylene	18.74	2.5	ng/ul	177901	4	16.94	1394100	20.0
unknown-01	21.40	6.3	ng/ul	670199	5	21.15	2136130	20.0
(DEL) Alkane: Str...	23.81	9.9	ng/ul	473439	6	23.33	955367	20.0