

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
 Data File : BM014494.D
 Acq On : 06 Mar 2018 10:54
 Operator : SJ/JU
 Sample : J1678-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T0DL

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	6.751	633	640	652	rBV6	45520	148269	8.40%	0.883%
2	6.869	655	660	666	rBV2	41198	82370	4.67%	0.491%
3	7.057	686	692	702	rBV3	69256	149411	8.47%	0.890%
4	7.510	763	769	780	rBV	388999	684223	38.79%	4.077%
5	8.257	890	896	903	rBV4	51628	120637	6.84%	0.719%
6	8.687	963	969	977	rBV2	58967	129741	7.35%	0.773%
7	9.398	1082	1090	1102	rBV4	44038	116590	6.61%	0.695%
8	9.692	1134	1140	1146	rVB6	19374	33543	1.90%	0.200%
9	9.981	1182	1189	1198	rBV8	31993	103878	5.89%	0.619%
10	10.281	1233	1240	1257	rBV	450251	906699	51.40%	5.403%
11	10.487	1268	1275	1285	rBV4	18244	60206	3.41%	0.359%
12	11.975	1521	1528	1533	rBV6	8044	19638	1.11%	0.117%
13	12.186	1560	1564	1570	rBV4	11104	19386	1.10%	0.116%
14	13.492	1780	1786	1792	rBV6	13658	26803	1.52%	0.160%
15	13.598	1799	1804	1809	rBV2	121877	202109	11.46%	1.204%
16	13.645	1809	1812	1823	rVB2	33762	64073	3.63%	0.382%
17	13.863	1843	1849	1861	rBV	170268	297581	16.87%	1.773%
18	14.063	1879	1883	1887	rBV4	16021	24204	1.37%	0.144%
19	14.169	1894	1901	1909	rBV2	609989	1032723	58.54%	6.153%
20	14.233	1909	1912	1920	rVB4	34427	56050	3.18%	0.334%
21	14.580	1968	1971	1976	rVB4	19138	30585	1.73%	0.182%
22	15.027	2044	2047	2054	rVB4	22143	34748	1.97%	0.207%
23	15.180	2067	2073	2078	rBV	177474	291201	16.51%	1.735%
24	15.227	2079	2081	2090	rVB2	31182	61230	3.47%	0.365%
25	15.374	2099	2106	2110	rBV6	22990	47655	2.70%	0.284%
26	15.892	2189	2194	2202	rBV5	31180	73119	4.14%	0.436%
27	16.245	2247	2254	2259	rBV8	19243	48032	2.72%	0.286%
28	16.292	2259	2262	2267	rVB5	15151	20724	1.17%	0.123%
29	16.610	2311	2316	2321	rBV5	28201	45325	2.57%	0.270%
30	16.686	2323	2329	2333	rVV6	45965	76415	4.33%	0.455%
31	16.733	2333	2337	2338	rVV3	16481	22600	1.28%	0.135%
32	16.757	2338	2341	2347	rVB2	26347	46397	2.63%	0.276%
33	16.933	2364	2371	2375	rBV	752681	1135628	64.37%	6.767%
34	16.974	2375	2378	2384	rVV	490556	734347	41.63%	4.376%

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35	17.039	2384	2389	2392	rVV	210904	347350	19.69%	2.070%
36	17.068	2392	2394	2400	rVB	88699	118269	6.70%	0.705%
37	17.327	2434	2438	2440	rBV4	22295	33229	1.88%	0.198%
38	17.368	2442	2445	2450	rVB5	28335	46797	2.65%	0.279%
39	17.421	2450	2454	2457	rBV4	21178	27542	1.56%	0.164%
40	17.668	2489	2496	2500	rBV8	14652	32712	1.85%	0.195%
41	17.810	2515	2520	2523	rBV2	111244	165677	9.39%	0.987%
42	17.863	2526	2529	2535	rVV	145194	228091	12.93%	1.359%
43	17.939	2539	2542	2548	rVV3	33736	57446	3.26%	0.342%
44	18.004	2548	2553	2557	rVV3	128235	227865	12.92%	1.358%
45	18.045	2557	2560	2566	rVB	83201	114037	6.46%	0.679%
46	18.121	2571	2573	2575	rBV2	19299	21123	1.20%	0.126%
47	18.321	2602	2607	2610	rBV2	65776	107300	6.08%	0.639%
48	18.386	2614	2618	2624	rVB7	52873	83473	4.73%	0.497%
49	18.568	2645	2649	2651	rBV4	29284	26545	1.50%	0.158%
50	18.615	2654	2657	2661	rBV2	33241	42472	2.41%	0.253%
51	18.704	2669	2672	2673	rBV3	22427	22909	1.30%	0.137%
52	18.745	2674	2679	2685	rVV4	91394	193486	10.97%	1.153%
53	18.804	2685	2689	2692	rVV5	45158	91976	5.21%	0.548%
54	18.833	2692	2694	2699	rVB6	37968	44547	2.53%	0.265%
55	18.898	2699	2705	2712	rBV4	64414	129946	7.37%	0.774%
56	19.010	2718	2724	2730	rBV	664839	955927	54.19%	5.696%
57	19.133	2741	2745	2747	rBV5	29524	40073	2.27%	0.239%
58	19.286	2769	2771	2774	rBV4	20517	19868	1.13%	0.118%
59	19.345	2776	2781	2783	rVV2	389520	566639	32.12%	3.376%
60	19.374	2783	2786	2796	rVV	755131	1083473	61.42%	6.456%
61	19.451	2796	2799	2805	rVB7	50353	74224	4.21%	0.442%
62	19.704	2836	2842	2843	rVB6	79321	115259	6.53%	0.687%
63	19.986	2886	2890	2892	rBV2	47370	69632	3.95%	0.415%
64	20.039	2896	2899	2902	rVB2	94819	124300	7.05%	0.741%
65	20.174	2920	2922	2927	rVB2	84659	85043	4.82%	0.507%
66	20.221	2928	2930	2934	rVB	69424	79032	4.48%	0.471%
67	20.639	2998	3001	3006	rVB2	92014	135684	7.69%	0.808%
68	20.798	3025	3028	3031	rBV2	96763	121575	6.89%	0.724%
69	20.856	3036	3038	3044	rVB3	108680	177686	10.07%	1.059%
70	20.945	3050	3053	3058	rVB4	91725	122061	6.92%	0.727%
71	21.151	3082	3088	3092	rBV3	1003647	1764123	100.00%	10.511%

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72	21.186	3092	3094	3099	rVB	379187	455387	25.81%	2.713%
73	22.686	3345	3349	3360	rVB2	295022	833317	47.24%	4.965%
74	23.333	3454	3459	3464	rVB	524540	850590	48.22%	5.068%

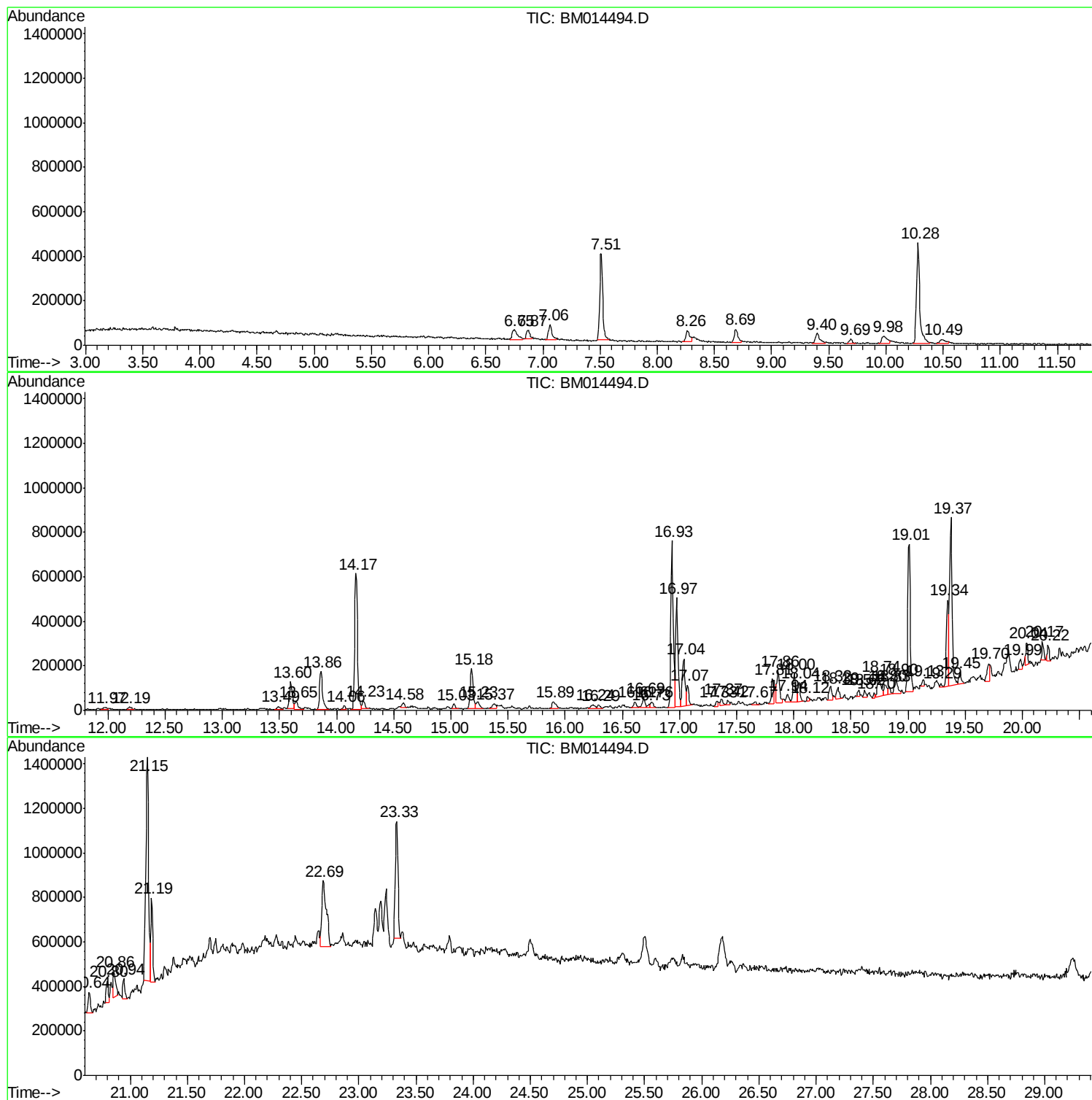
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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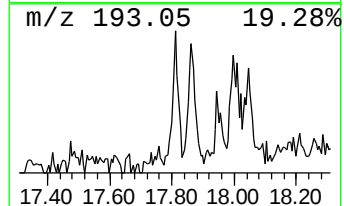
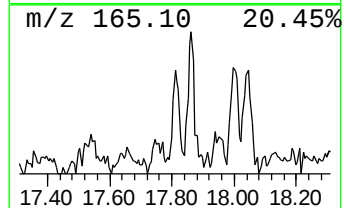
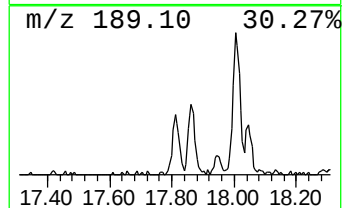
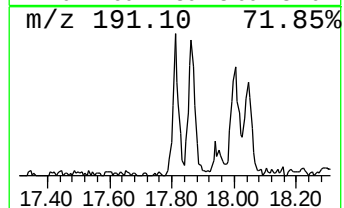
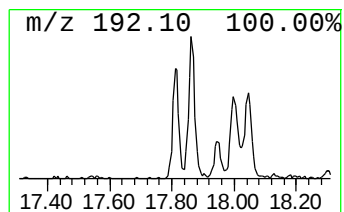
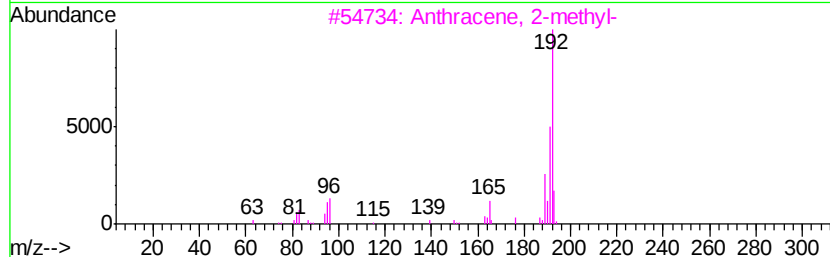
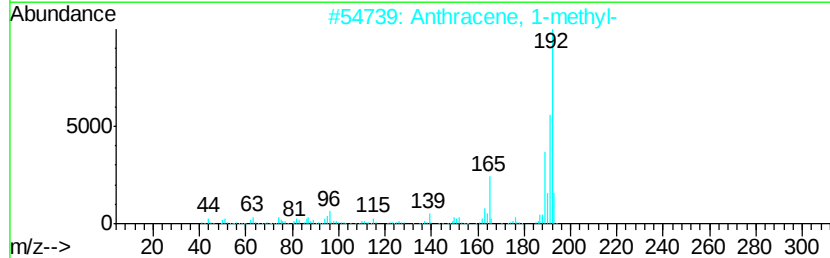
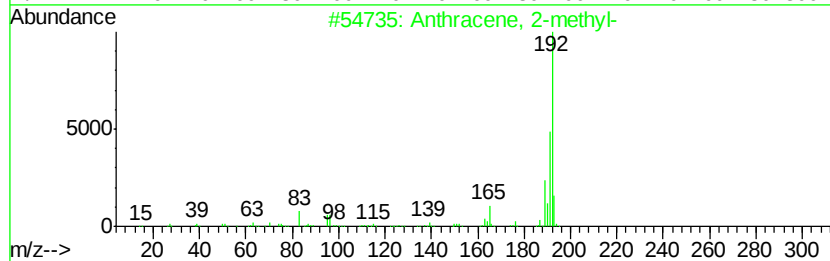
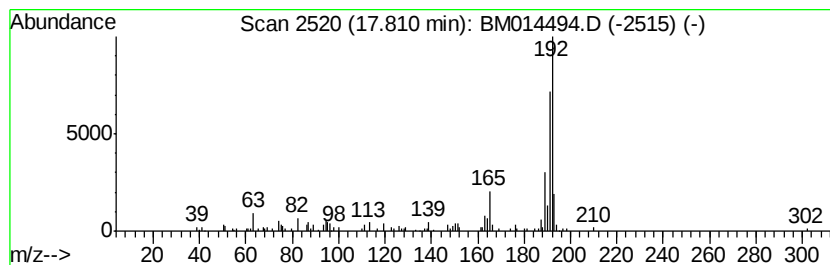
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	2.92 ng/ul	165677	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87



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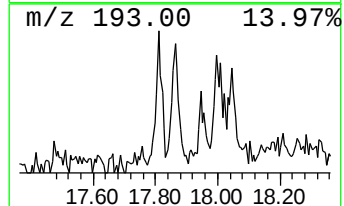
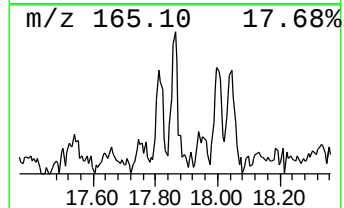
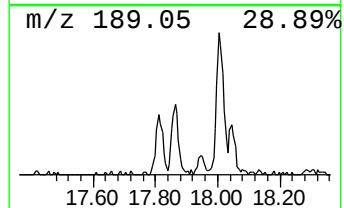
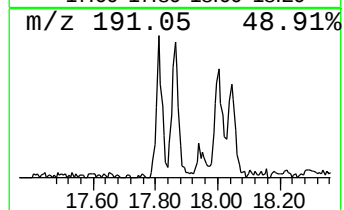
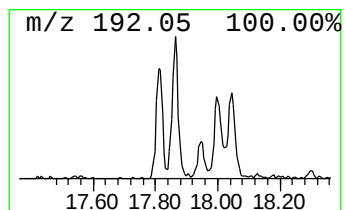
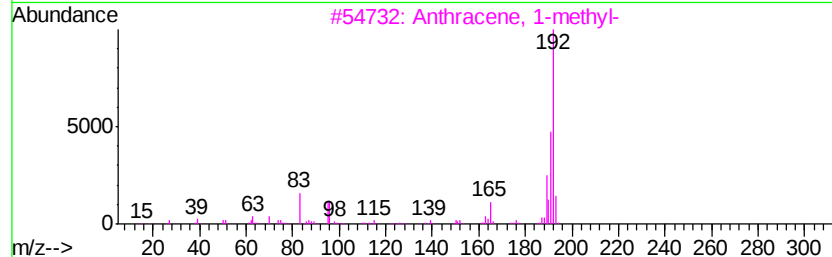
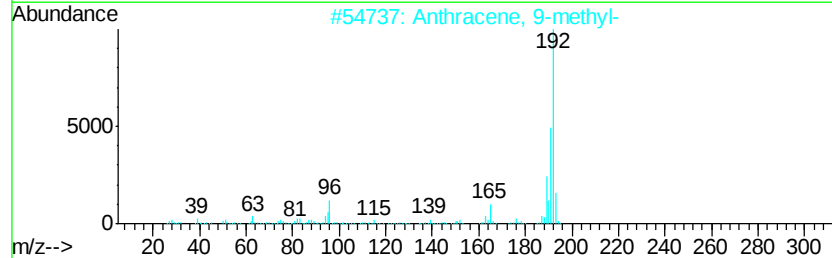
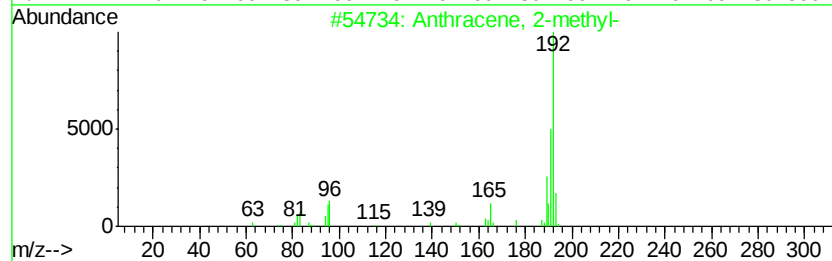
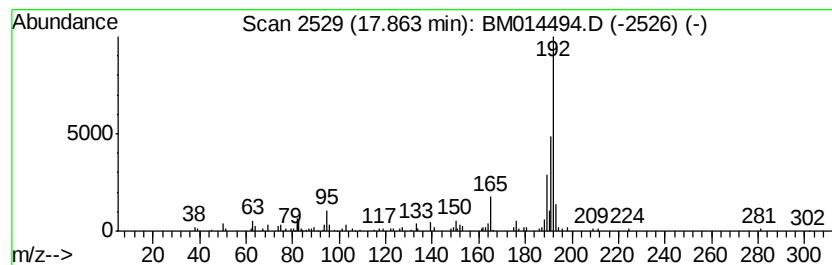
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	4.02 ng/ul	228091	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	83



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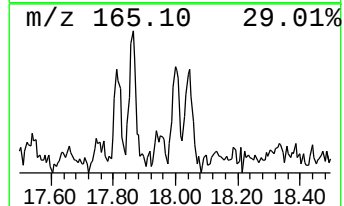
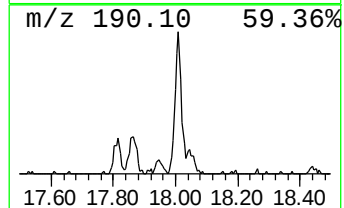
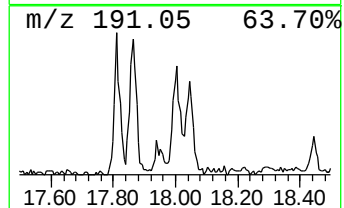
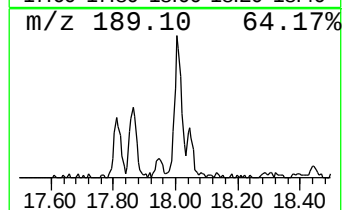
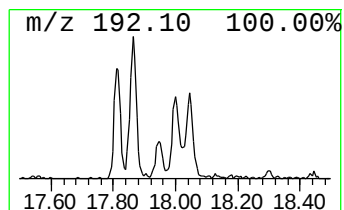
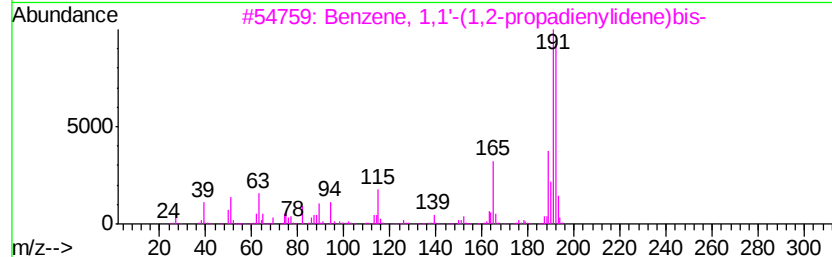
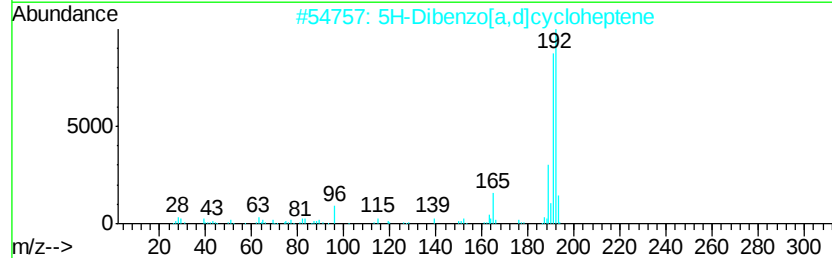
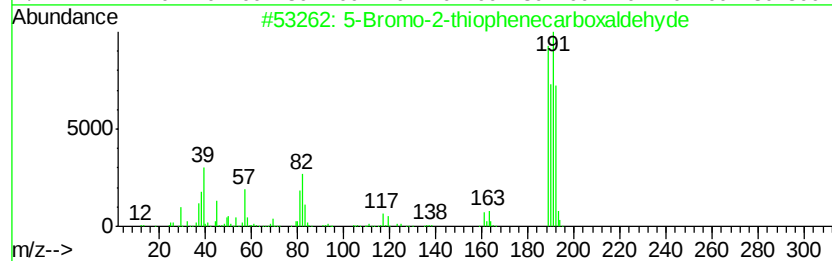
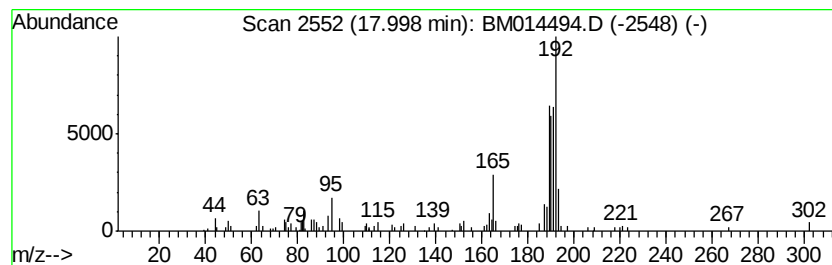
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 5-Bromo-2-thiophenecarboxal... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.00	4.01 ng/ul	227865	Phenanthrene-d10	16.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
3	Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	46
4	6H-Cyclobuta[1,2-b]phenanthrene	190	C15H10	083469-43-6	46
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46



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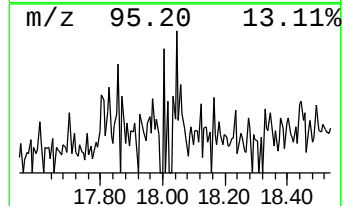
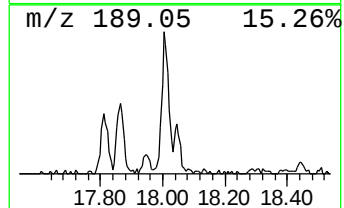
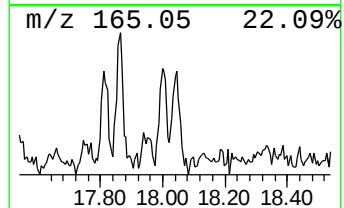
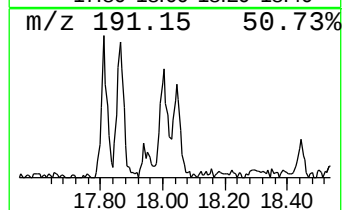
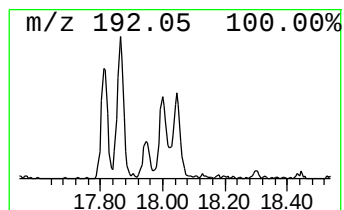
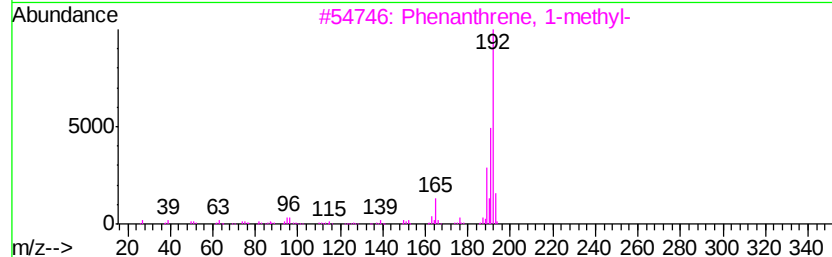
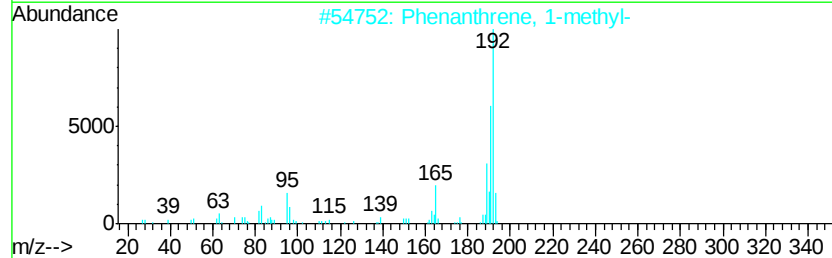
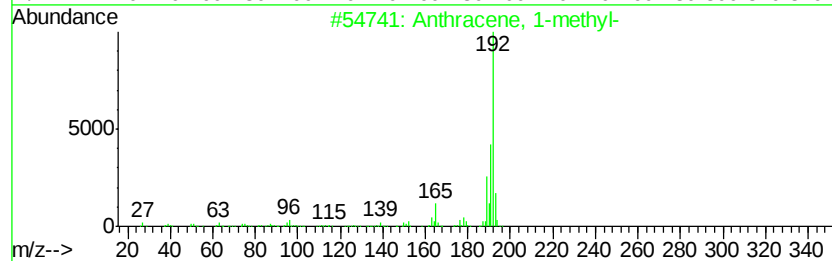
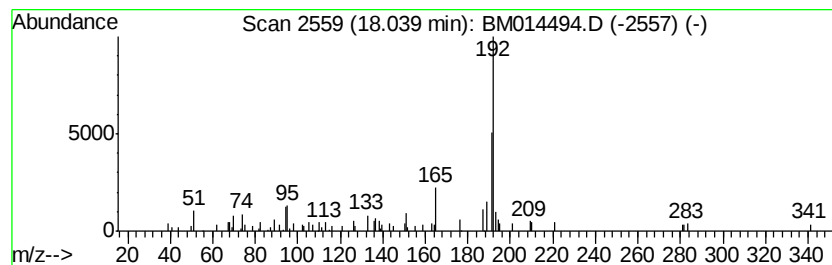
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.01 ng/ul	114037	Phenanthrene-d10	16.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
Data File : BM014494.D
Acq On : 06 Mar 2018 10:54
Operator : SJ/JU
Sample : J1678-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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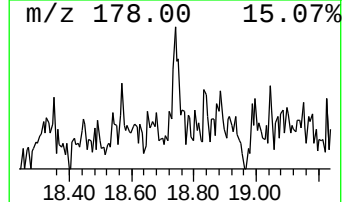
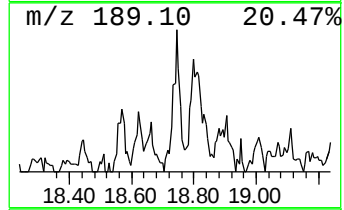
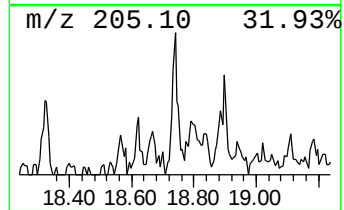
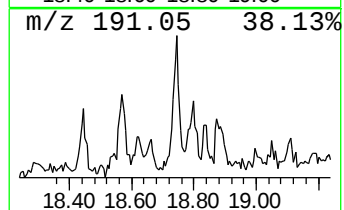
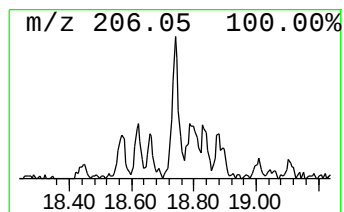
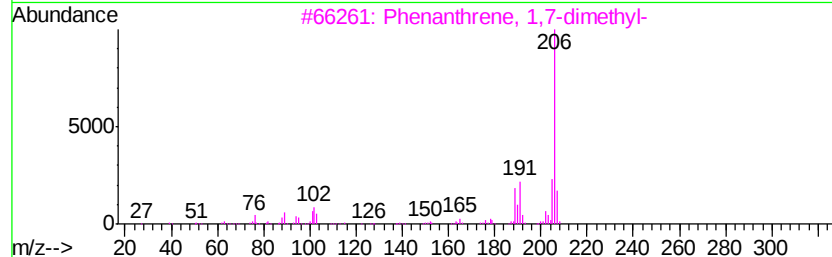
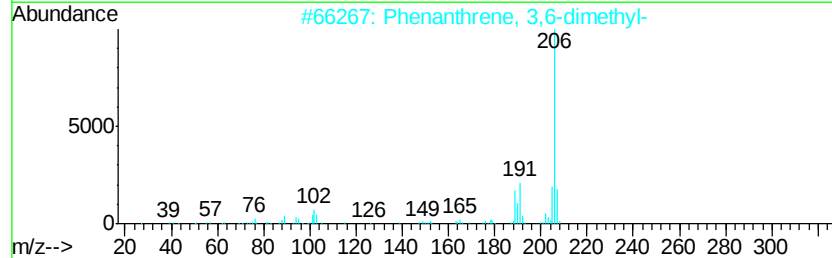
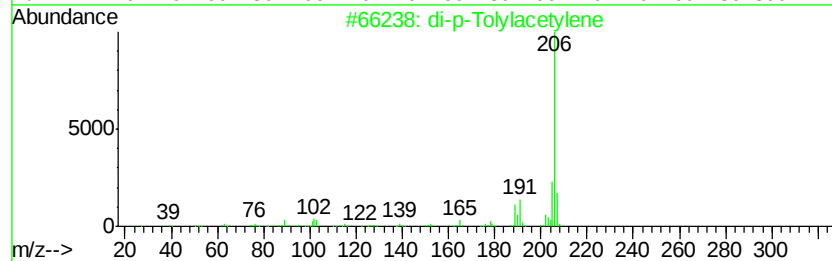
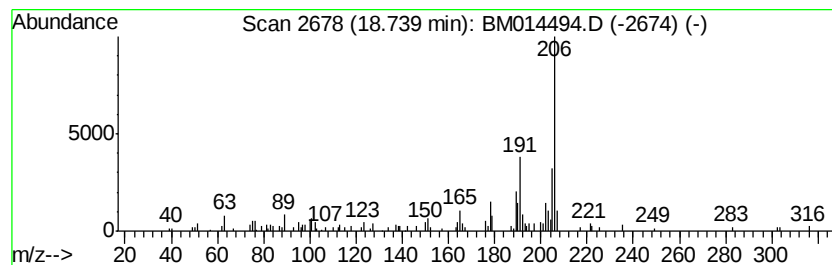
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 di-p-Tolylacetylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	3.41 ng/ul	193486	Phenanthrene-d10	16.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	86
5		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
Data File : BM014494.D
Acq On : 06 Mar 2018 10:54
Operator : SJ/JU
Sample : J1678-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5T0DL

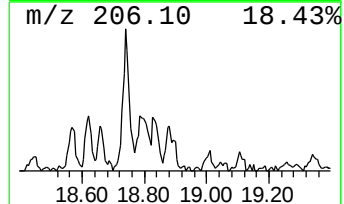
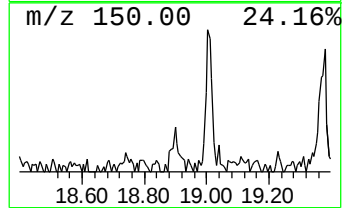
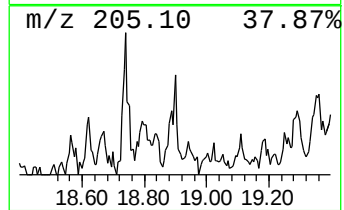
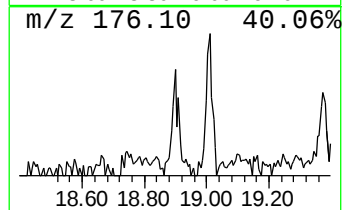
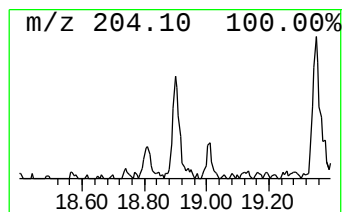
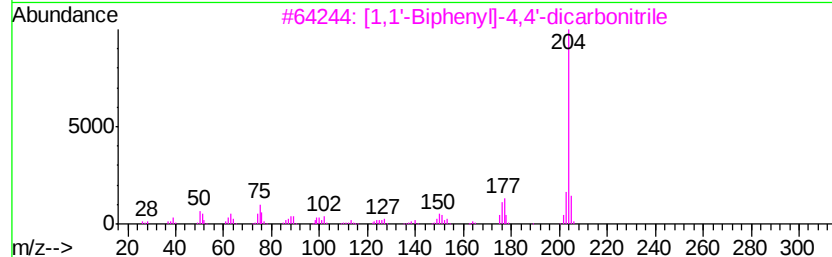
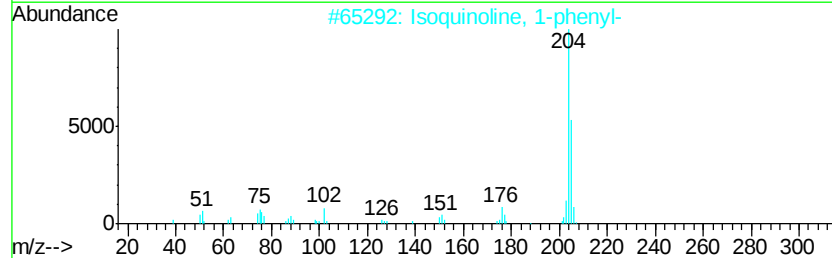
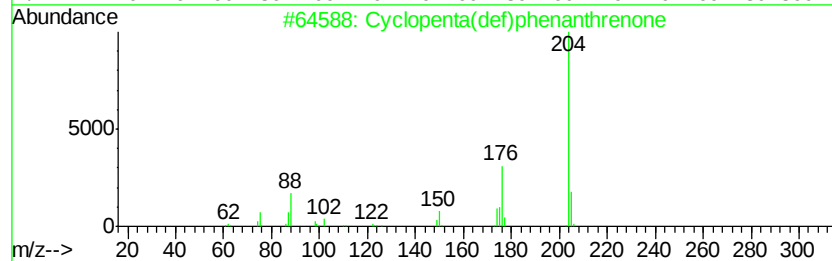
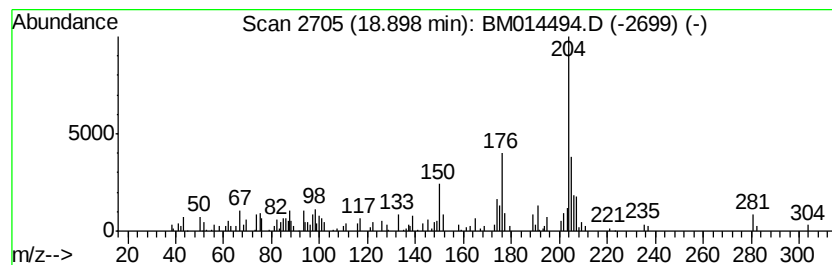
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.29 ng/ul	129946	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	52
2		Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	50
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
4		Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	46
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
Data File : BM014494.D
Acq On : 06 Mar 2018 10:54
Operator : SJ/JU
Sample : J1678-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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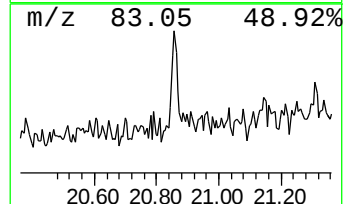
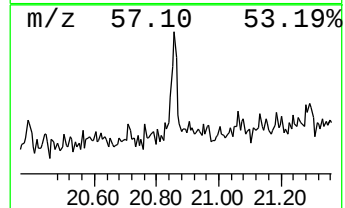
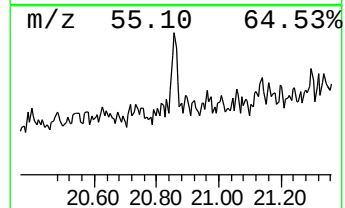
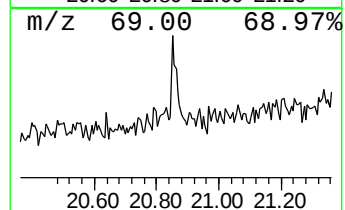
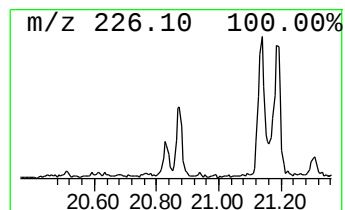
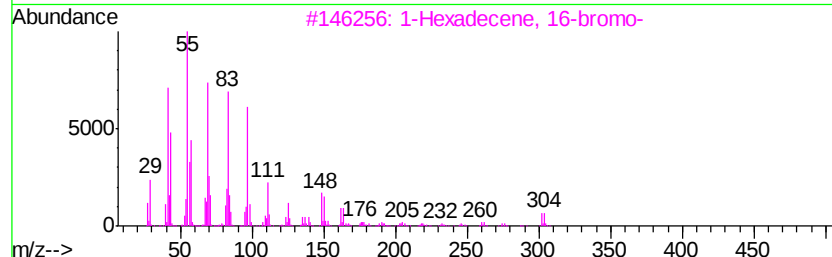
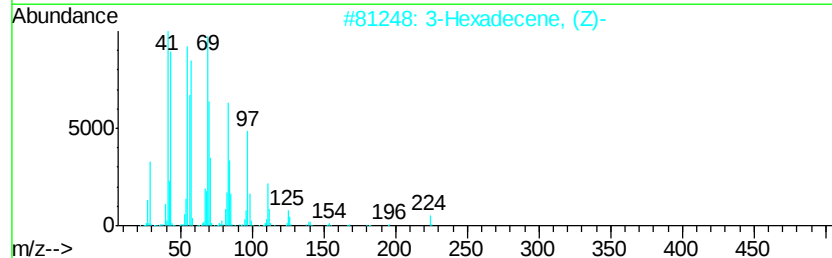
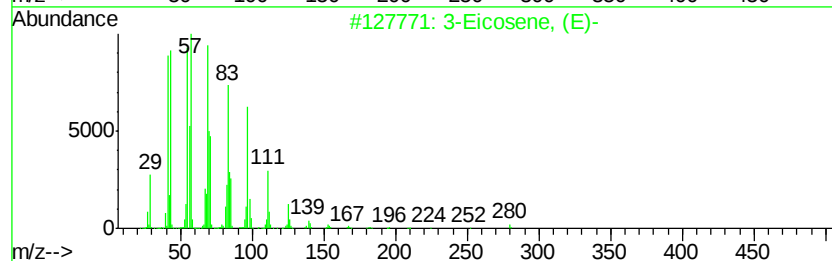
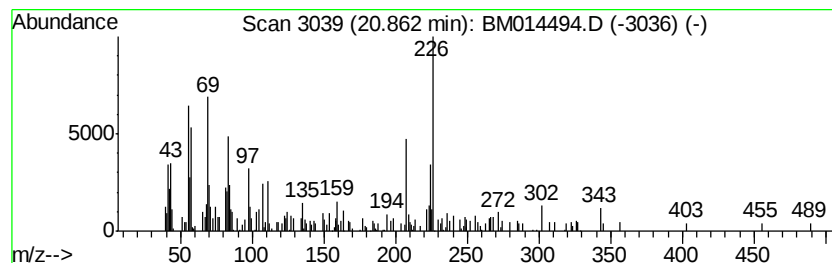
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic20.86 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.01 ng/ul	177686	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	90	
2	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	90	
3	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	87	
4	1-Pentadecanethiol	244	C15H32S	025276-70-4	81	
5	1-Pentadecene	210	C15H30	013360-61-7	81	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030618\
Data File : BM014494.D
Acq On : 06 Mar 2018 10:54
Operator : SJ/JU
Sample : J1678-01DL 5X
Misc :
ALS Vial : 4 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
Anthracene, 2-met...	17.81	2.9	ng/ul	165677	4	16.93	1135630	20.0
Anthracene, 9-met...	17.86	4.0	ng/ul	228091	4	16.93	1135630	20.0
5-Bromo-2-thiophe...	18.00	4.0	ng/ul	227865	4	16.93	1135630	20.0
Anthracene, 1-met...	18.04	2.0	ng/ul	114037	4	16.93	1135630	20.0
di-p-Tolylacetylene	18.74	3.4	ng/ul	193486	4	16.93	1135630	20.0
Cyclopenta(def)ph...	18.90	2.3	ng/ul	129946	4	16.93	1135630	20.0
(DEL) Alkane: Cyc...	20.86	2.0	ng/ul	177686	5	21.15	1764120	20.0