

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010482.D
 Acq On : 10 Jun 2017 13:10
 Operator : SJ/MA
 Sample : I3521-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C54

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-BM052717.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.081	671	679	690	rBV	544974	915307	19.97%	1.830%
2	7.234	700	705	713	rBV	340840	543685	11.86%	1.087%
3	7.434	732	739	747	rBV	611568	977583	21.33%	1.955%
4	7.892	809	817	827	rBV	657604	1070882	23.36%	2.141%
5	8.616	934	940	947	rBV	640347	1054574	23.01%	2.109%
6	9.081	1009	1019	1025	rBV2	520822	880242	19.20%	1.760%
7	9.792	1133	1140	1149	rBV	514863	878959	19.18%	1.758%
8	10.110	1188	1194	1203	rBV7	37348	72673	1.59%	0.145%
9	10.322	1223	1230	1242	rVB	777211	1365759	29.79%	2.731%
10	10.463	1248	1254	1262	rBV3	52685	106641	2.33%	0.213%
11	10.698	1287	1294	1300	rBV	820323	1398177	30.50%	2.796%
12	10.863	1316	1322	1329	rBV	259282	447247	9.76%	0.894%
13	12.222	1549	1553	1558	rBV5	30288	51254	1.12%	0.102%
14	13.363	1743	1747	1754	rBV9	32824	59377	1.30%	0.119%
15	13.945	1840	1846	1850	rBV	1511533	2077439	45.32%	4.154%
16	13.992	1850	1854	1861	rVV	1660054	2208227	48.17%	4.416%
17	14.074	1863	1868	1874	rVV	272154	406215	8.86%	0.812%
18	14.227	1888	1894	1904	rBV	1467801	2276742	49.67%	4.553%
19	14.363	1913	1917	1923	rBV9	25675	52675	1.15%	0.105%
20	14.445	1924	1931	1940	rVV6	122217	257303	5.61%	0.515%
21	14.533	1940	1946	1953	rVB2	1249223	1893229	41.30%	3.786%
22	14.774	1980	1987	1999	rBV	546425	887418	19.36%	1.775%
23	14.921	2008	2012	2018	rBV6	45203	93344	2.04%	0.187%
24	15.521	2108	2114	2122	rVB	2091601	2891926	63.09%	5.783%
25	15.651	2130	2136	2142	rBV	616724	844493	18.42%	1.689%
26	16.151	2217	2221	2223	rBV	60175	83205	1.82%	0.166%
27	16.174	2223	2225	2232	rVB8	47416	80003	1.75%	0.160%
28	16.939	2350	2355	2363	rBV2	155886	285207	6.22%	0.570%
29	16.998	2363	2365	2372	rVB8	48653	88230	1.92%	0.176%
30	17.280	2407	2413	2417	rBV	1776735	2489526	54.31%	4.978%
31	17.321	2417	2420	2424	rVV	448627	616289	13.44%	1.232%
32	17.380	2424	2430	2443	rVB2	2323377	3438581	75.01%	6.876%
33	17.633	2471	2473	2477	rVB5	75979	74138	1.62%	0.148%
34	17.704	2481	2485	2489	rVB2	111720	152737	3.33%	0.305%

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35	18.068	2544	2547	2552	rBV5	177480	225104	4.91%	0.450%
36	18.127	2553	2557	2564	rBV3	553328	796136	17.37%	1.592%
37	18.704	2651	2655	2660	rVB	168407	254606	5.55%	0.509%
38	19.327	2757	2761	2767	rVB	839641	1176946	25.68%	2.354%
39	19.398	2770	2773	2780	rBV2	357376	509467	11.11%	1.019%
40	19.668	2813	2819	2823	rBV	3108434	4583871	100.00%	9.166%
41	21.445	3117	3121	3125	rBV	2805732	3528222	76.97%	7.055%
42	23.633	3488	3493	3500	rVB2	2408719	4380166	95.56%	8.759%
43	23.786	3513	3519	3527	rVB	1834282	3533245	77.08%	7.065%

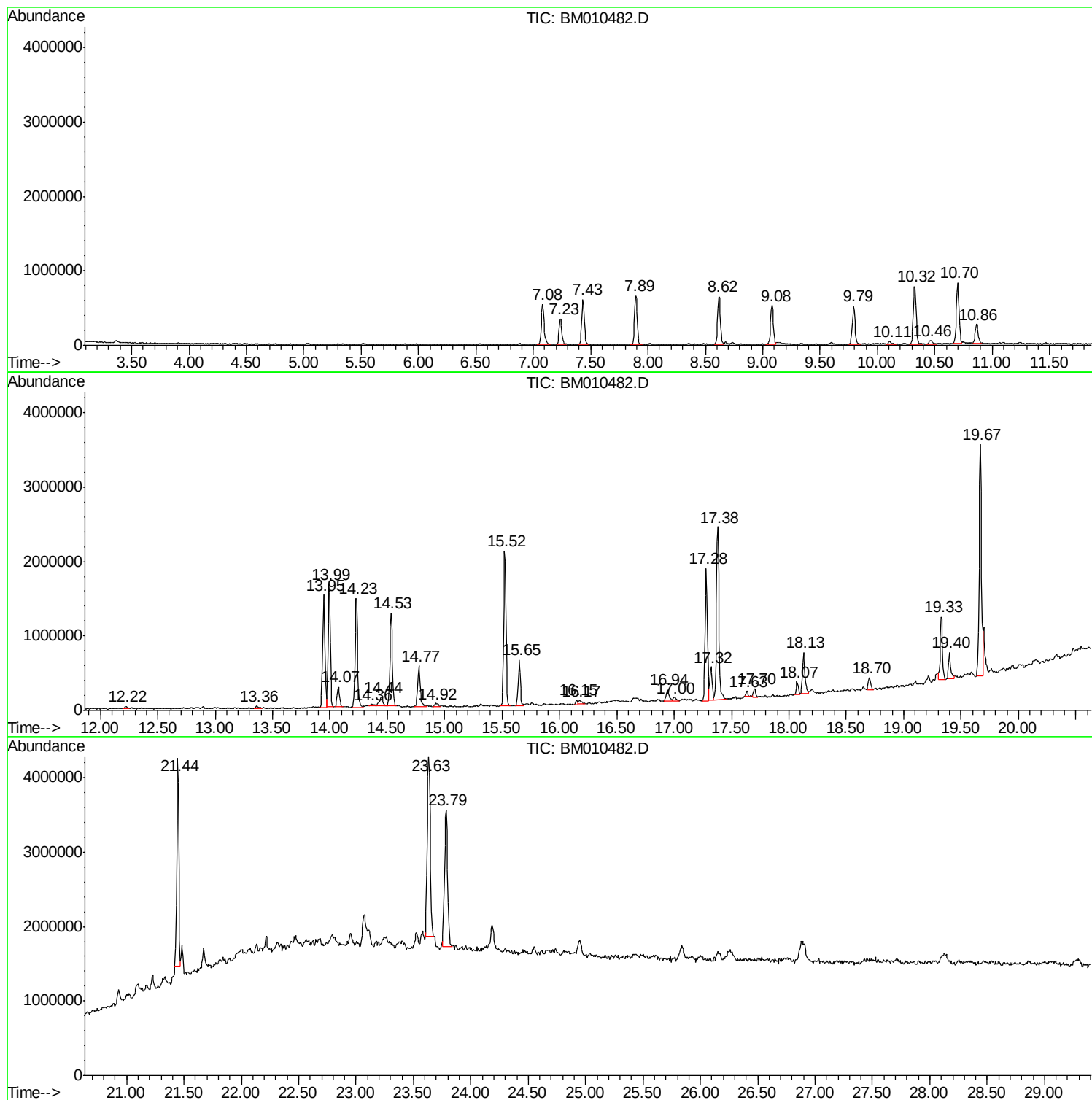
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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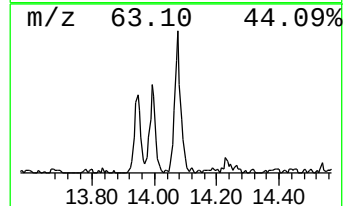
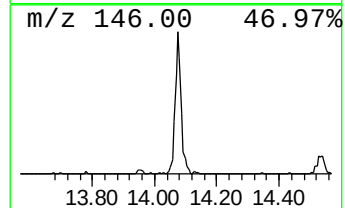
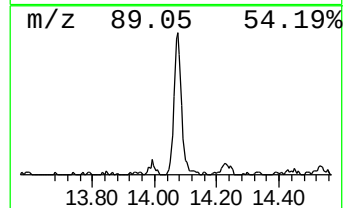
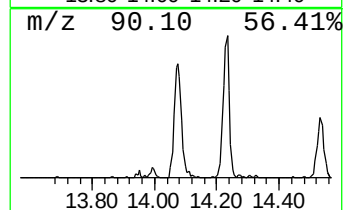
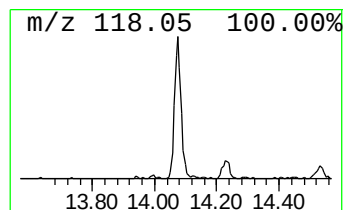
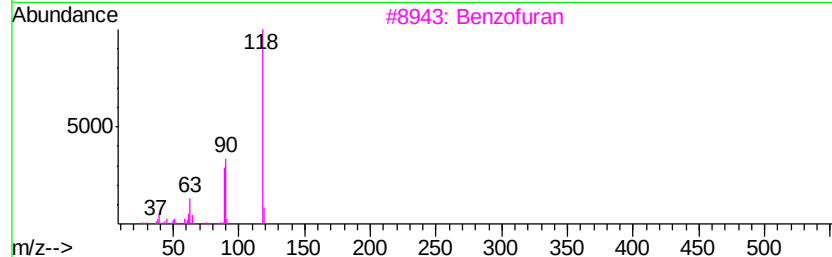
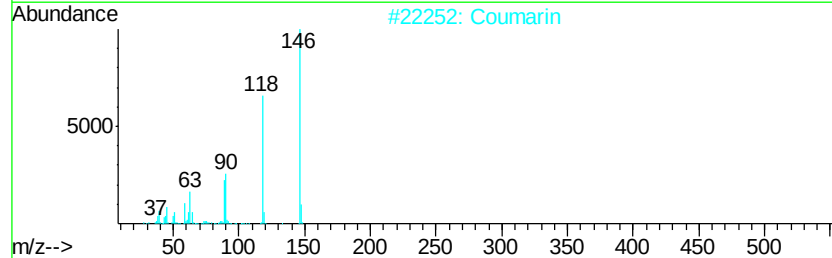
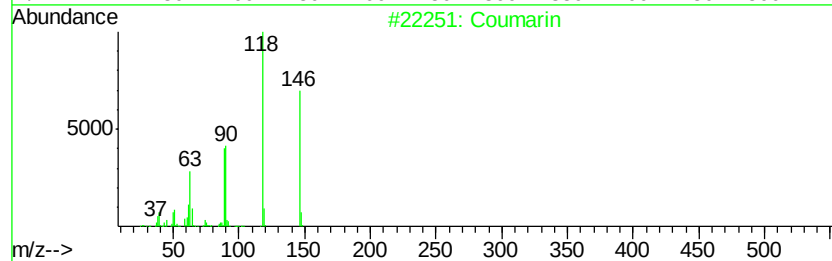
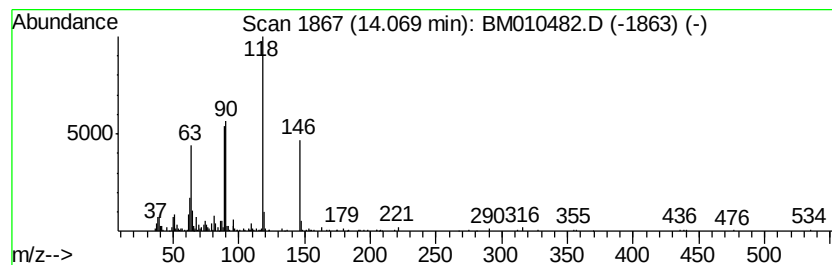
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Coumarin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	4.29 ng/ul	406215	Acenaphthene-d10	14.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Coumarin	146	C9H6O2	000091-64-5 94
2	Coumarin	146	C9H6O2	000091-64-5 94
3	Benzofuran	118	C8H6O	000271-89-6 87
4	Benzofuran	118	C8H6O	000271-89-6 87
5	2-Propenoic acid, 3-(2-hydroxyph...	164	C9H8O3	000614-60-8 83



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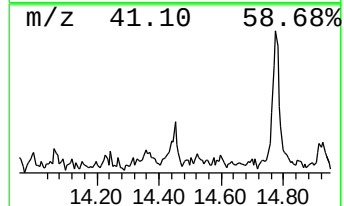
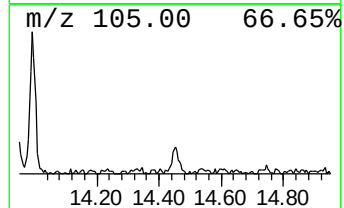
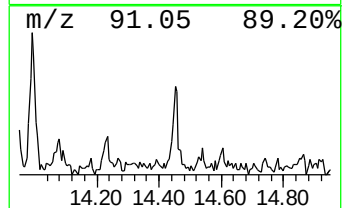
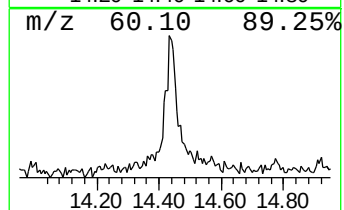
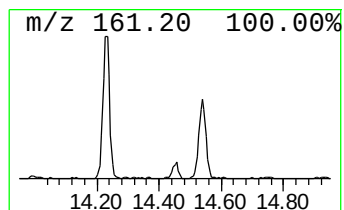
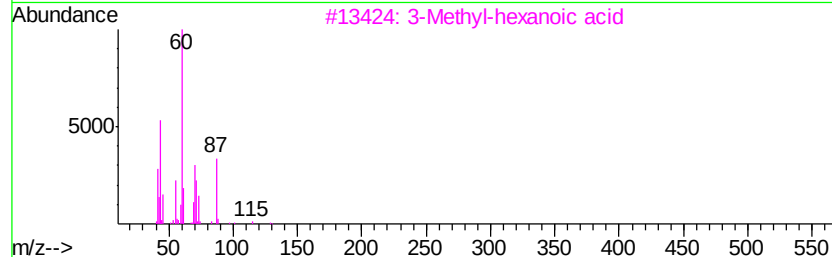
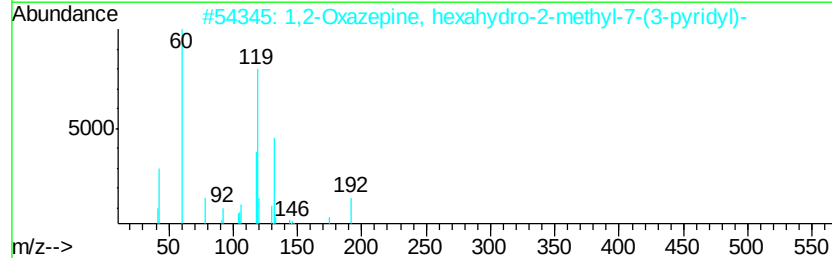
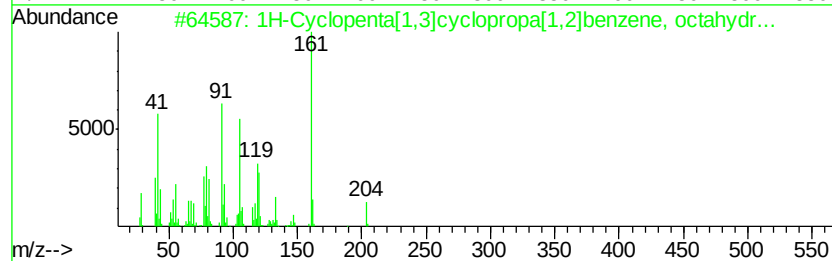
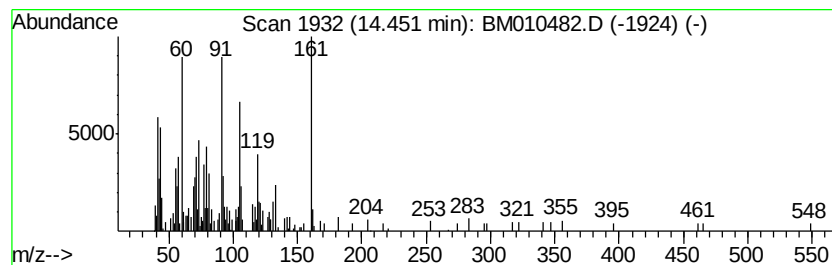
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1H-Cyclopenta[1,3]cycloprop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.72 ng/ul	257303	Acenaphthene-d10	14.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Cyclopenta[1,3]cyclopropa[1,2...	204 C15H24	013744-15-5 58
2		1,2-Oxazepine, hexahydro-2-methy...	192 C11H16N2O	001134-32-3 38
3		3-Methyl-hexanoic acid	130 C7H14O2	1000365-65-4 27
4		d-Gluco-heptulosan	210 C7H14O7	1000126-85-2 27
5		Hexanoic acid	116 C6H12O2	000142-62-1 27



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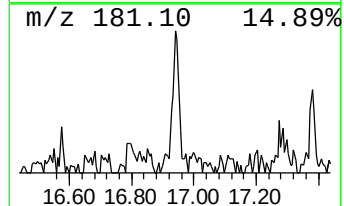
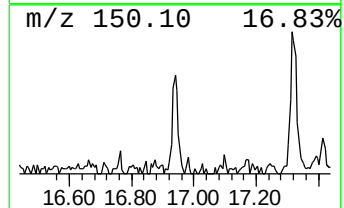
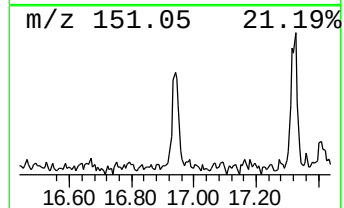
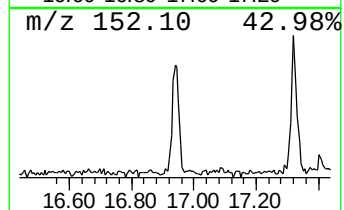
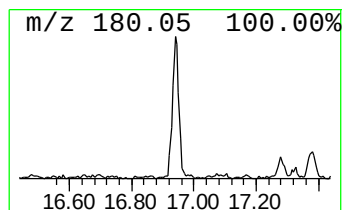
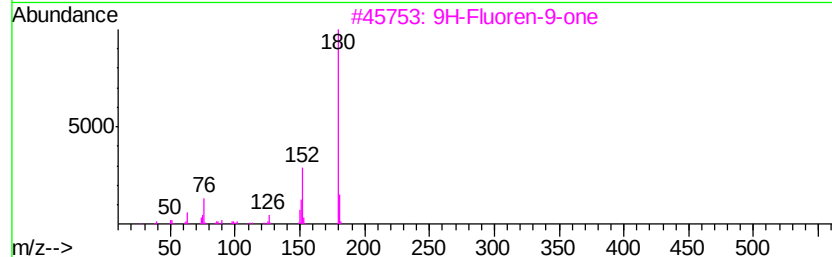
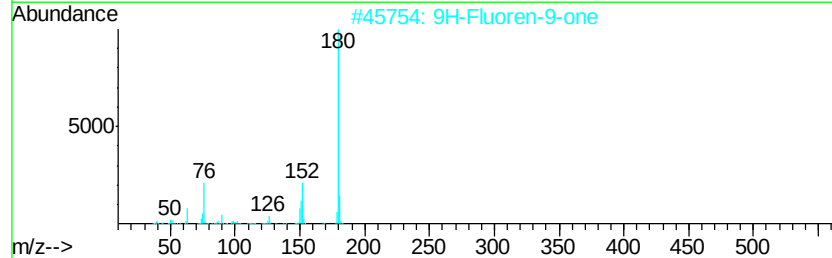
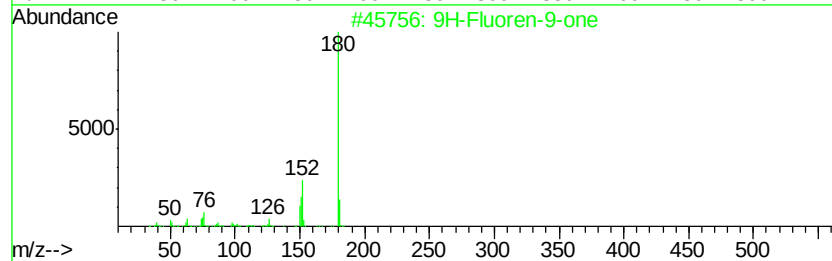
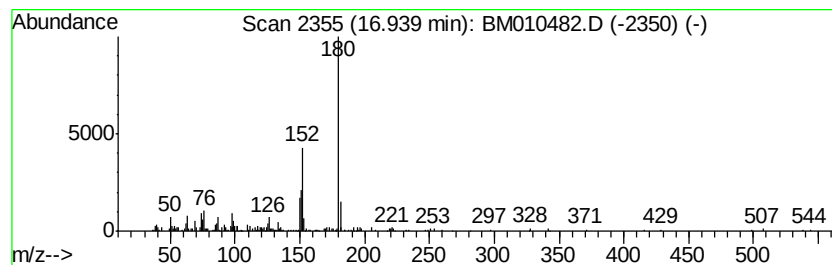
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 9H-Fluoren-9-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	2.29 ng/ul	285207	Phenanthrene-d10	17.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one		180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one		180	C13H8O	000486-25-9	91
3	9H-Fluoren-9-one		180	C13H8O	000486-25-9	91
4	9H-Fluoren-9-one		180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline		180	C12H8N2	000230-31-9	87



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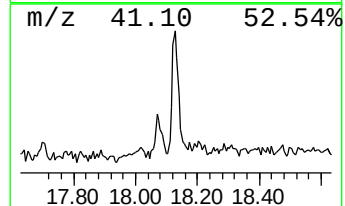
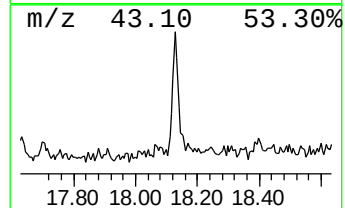
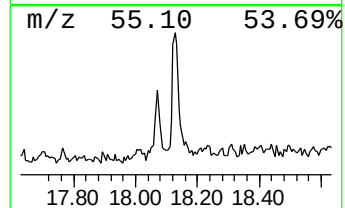
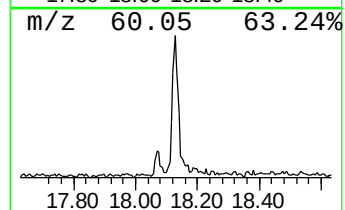
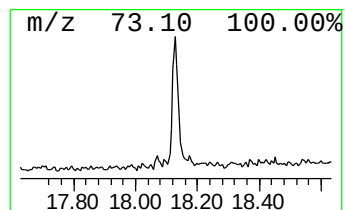
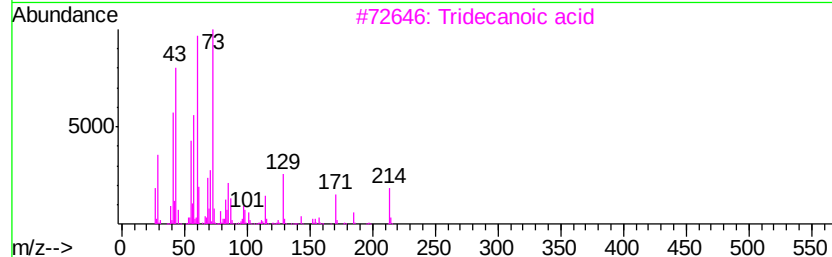
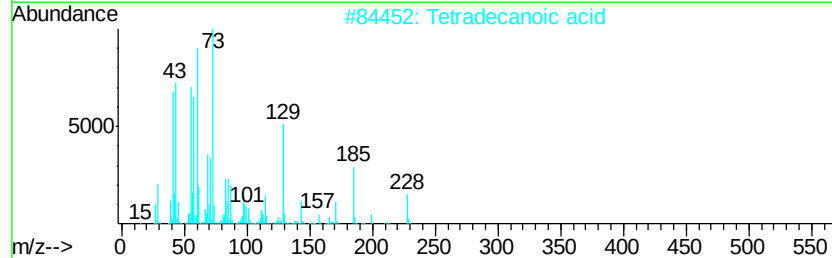
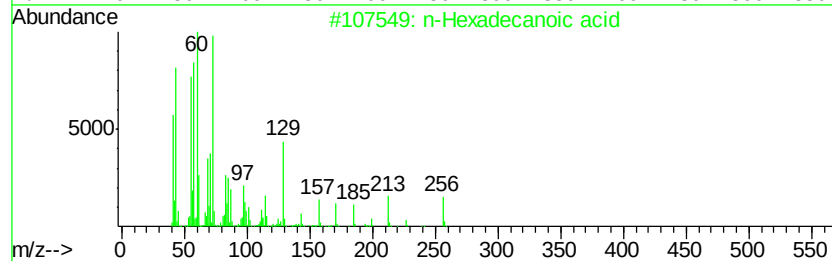
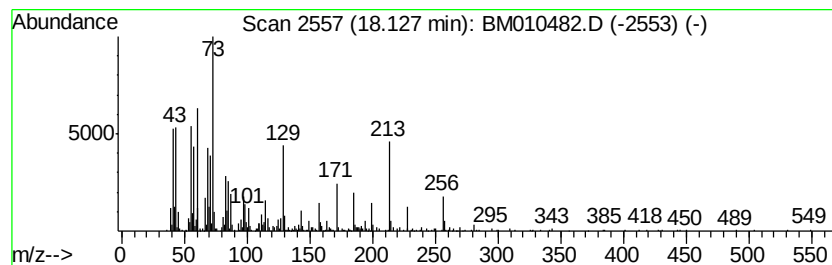
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	6.40 ng/ul	796136	Phenanthrene-d10	17.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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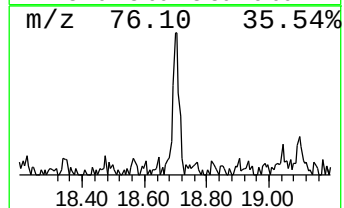
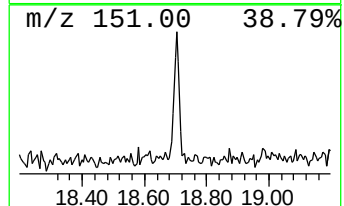
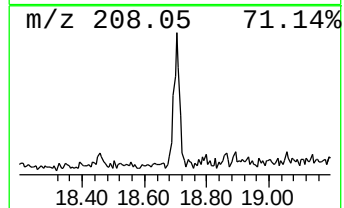
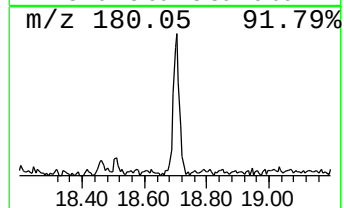
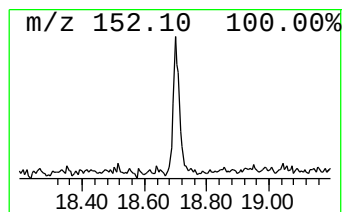
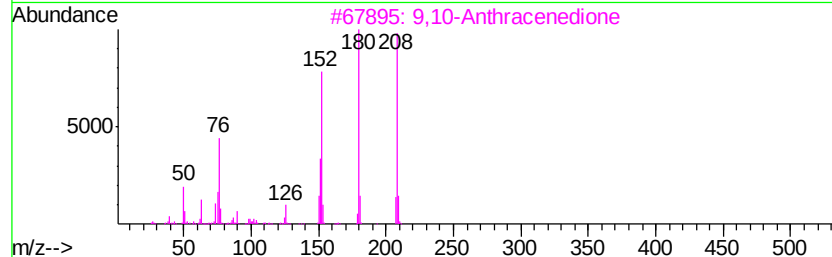
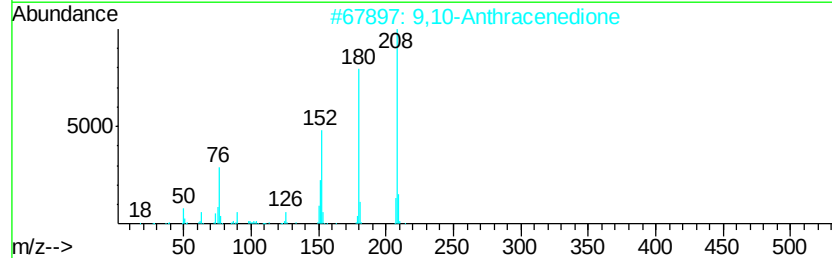
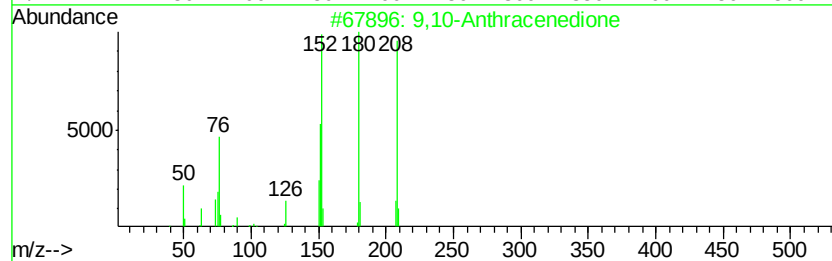
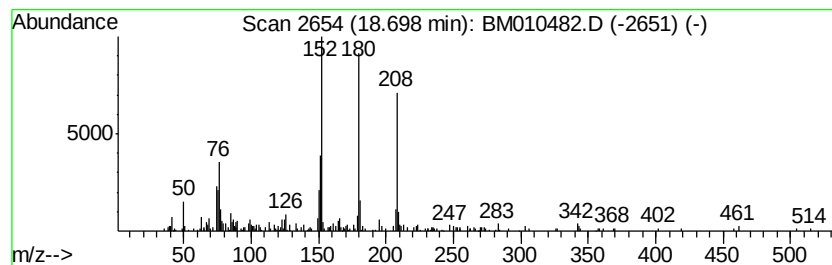
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TIC Integration Parameters: LSCINT.P

Peak Number 5 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.05 ng/ul	254606	Phenanthrene-d10	17.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91		
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87		
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87		
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	52		
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010482.D
Acq On : 10 Jun 2017 13:10
Operator : SJ/MA
Sample : I3521-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C54

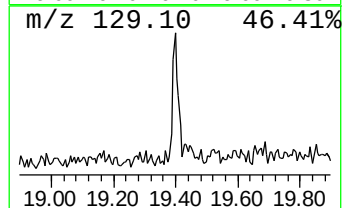
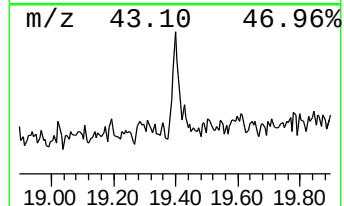
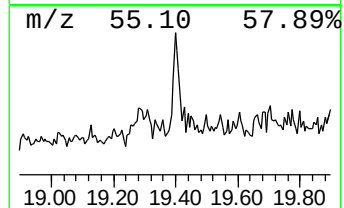
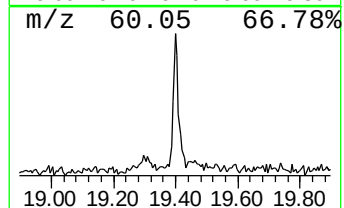
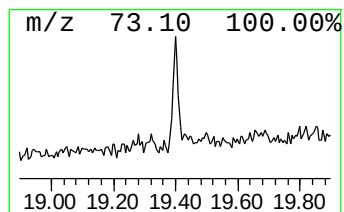
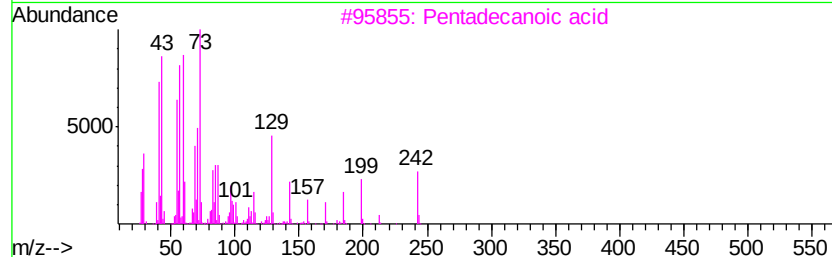
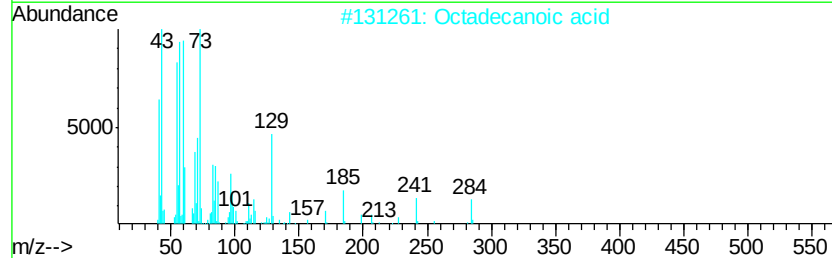
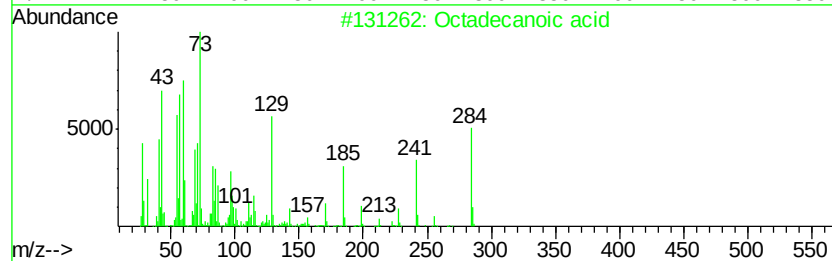
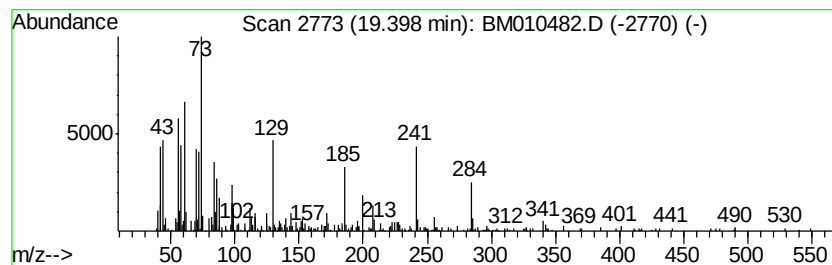
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	2.89 ng/ul	509467	Chrysene-d12	21.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Octadecanoic acid	284	C18H36O2	000057-11-4	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5		Dodecanoic acid	200	C12H24O2	000143-07-7	37



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010482.D
Acq On : 10 Jun 2017 13:10
Operator : SJ/MA
Sample : I3521-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C54

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.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
Coumarin	14.07	4.3	ng/ul	406215	3	14.53	1893230	20.0
1H-Cyclopenta[1,3...	14.45	2.7	ng/ul	257303	3	14.53	1893230	20.0
9H-Fluoren-9-one	16.94	2.3	ng/ul	285207	4	17.28	2489530	20.0
n-Hexadecanoic acid	18.13	6.4	ng/ul	796136	4	17.28	2489530	20.0
9,10-Anthracenedione	18.70	2.0	ng/ul	254606	4	17.28	2489530	20.0
Octadecanoic acid	19.40	2.9	ng/ul	509467	5	21.44	3528220	20.0