

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013017\
 Data File : BM008938.D
 Acq On : 31 Jan 2017 06:54
 Operator : SJ/MA
 Sample : I1467-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDMT9

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\SOM02.2-EPA-BM013017.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	3.375	129	134	141	rVB4	28787	45305	1.66%	0.149%
2	7.069	754	762	771	rBV	558693	977544	35.75%	3.216%
3	7.246	785	792	800	rBV	348138	544545	19.91%	1.792%
4	7.446	817	826	835	rBV	542714	868876	31.77%	2.859%
5	7.916	900	906	912	rBV2	368703	565086	20.67%	1.859%
6	8.610	1017	1024	1031	rBV2	595499	940787	34.40%	3.095%
7	9.081	1096	1104	1114	rBV	576851	932166	34.09%	3.067%
8	9.799	1219	1226	1234	rBV	500311	826622	30.23%	2.720%
9	10.334	1310	1317	1326	rVB	655710	1078953	39.46%	3.550%
10	10.716	1376	1382	1389	rVB	401636	701635	25.66%	2.308%
11	10.857	1397	1406	1413	rBV2	582552	957325	35.01%	3.150%
12	13.957	1927	1933	1938	rBV	1074011	1490895	54.52%	4.905%
13	14.004	1938	1941	1947	rVB	160825	214086	7.83%	0.704%
14	14.251	1976	1983	1990	rBV	1032728	1521480	55.64%	5.006%
15	14.557	2026	2035	2045	rVB	612260	868657	31.77%	2.858%
16	14.739	2059	2066	2077	rBV	702133	986450	36.07%	3.245%
17	15.381	2171	2175	2181	rBV	44353	54969	2.01%	0.181%
18	15.545	2196	2203	2209	rBV	1299400	1904690	69.65%	6.266%
19	15.657	2217	2222	2232	rVB	627576	858456	31.39%	2.824%
20	15.786	2238	2244	2248	rBV5	27407	43138	1.58%	0.142%
21	16.245	2318	2322	2329	rVB3	55001	96266	3.52%	0.317%
22	17.033	2452	2456	2460	rBV	45672	59166	2.16%	0.195%
23	17.298	2494	2501	2508	rBV2	758130	1119469	40.94%	3.683%
24	17.398	2512	2518	2525	rBV	1598446	2260749	82.68%	7.438%
25	18.110	2636	2639	2644	rBV5	27762	33643	1.23%	0.111%
26	18.174	2644	2650	2660	rBV2	267596	392201	14.34%	1.290%
27	18.763	2745	2750	2754	rBV8	19518	31216	1.14%	0.103%
28	19.321	2834	2845	2854	rBV10	67082	178856	6.54%	0.588%
29	19.445	2862	2866	2874	rBV2	180693	249741	9.13%	0.822%
30	19.686	2902	2907	2917	rVB	1995154	2696176	98.60%	8.870%
31	19.839	2928	2933	2937	rBV	313478	376161	13.76%	1.238%
32	19.963	2950	2954	2959	rBV6	60497	105792	3.87%	0.348%
33	20.192	2988	2993	2998	rBV7	58473	84931	3.11%	0.279%
34	21.157	3154	3157	3162	rBV4	181831	241500	8.83%	0.795%

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Integrator: RTE
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35	21.468	3205	3210	3216	rBV	1201175	1478693	54.08%	4.865%
36	23.674	3578	3585	3594	rVB2	1413327	2734474	100.00%	8.996%
37	23.827	3604	3611	3619	rBV	654307	1311981	47.98%	4.316%
38	25.162	3833	3838	3846	rVB9	235820	563260	20.60%	1.853%

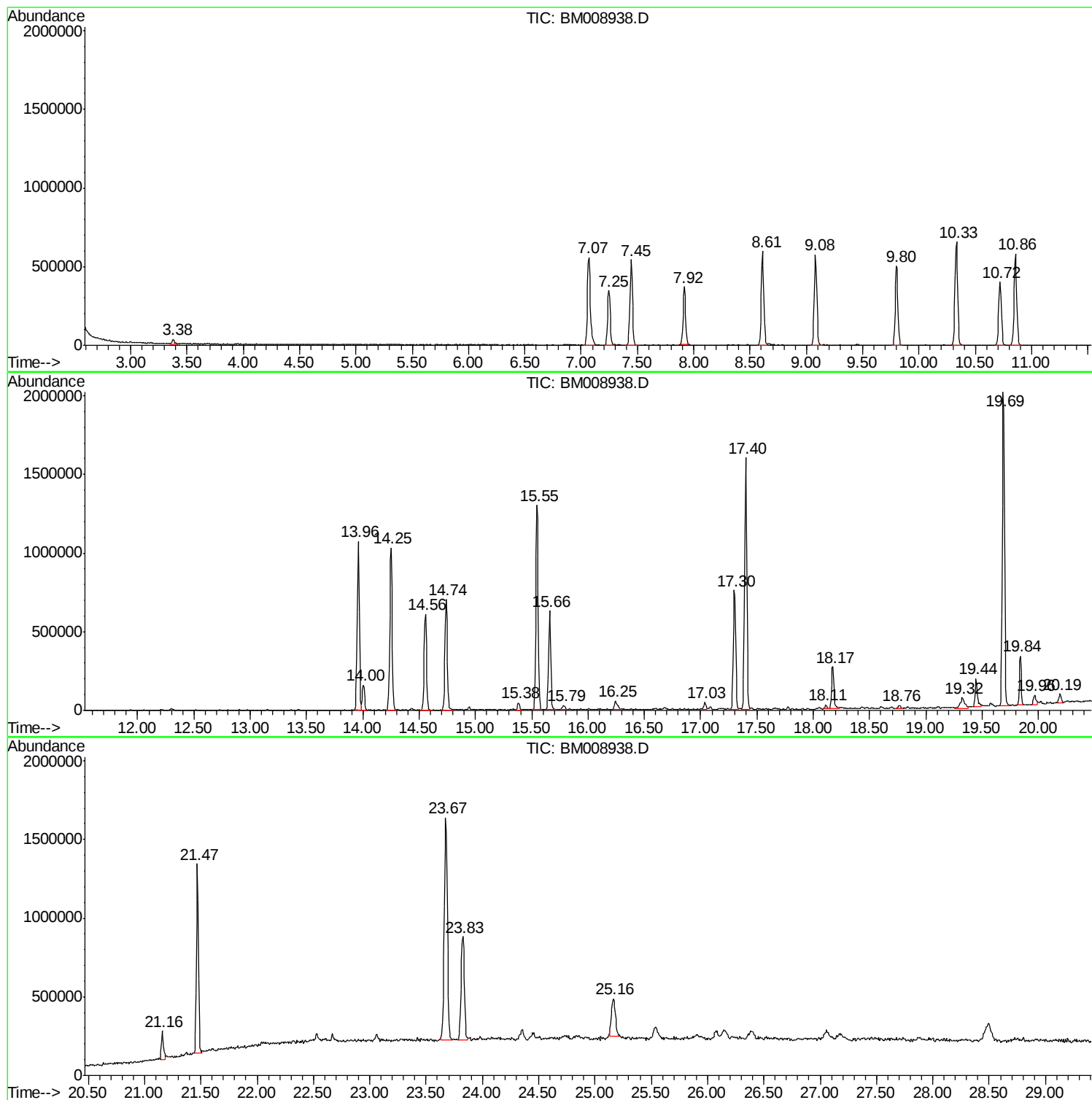
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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



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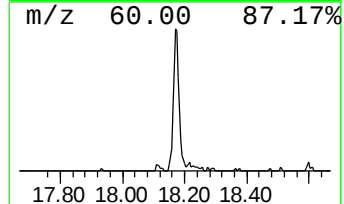
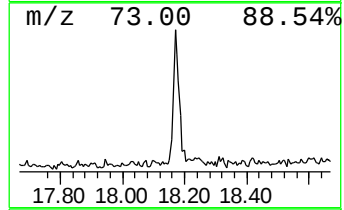
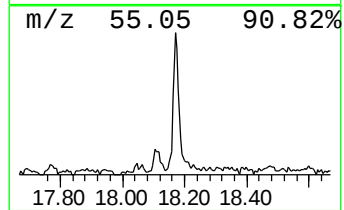
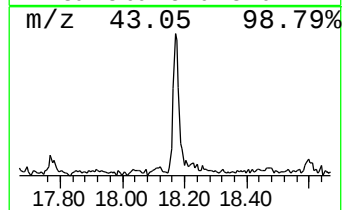
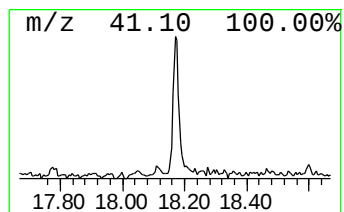
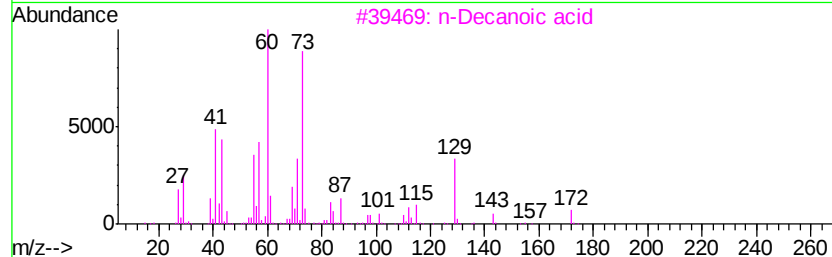
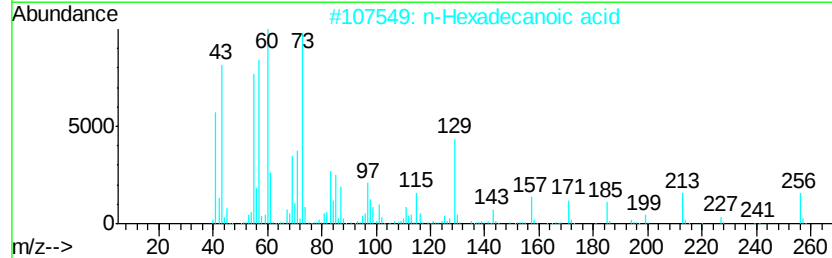
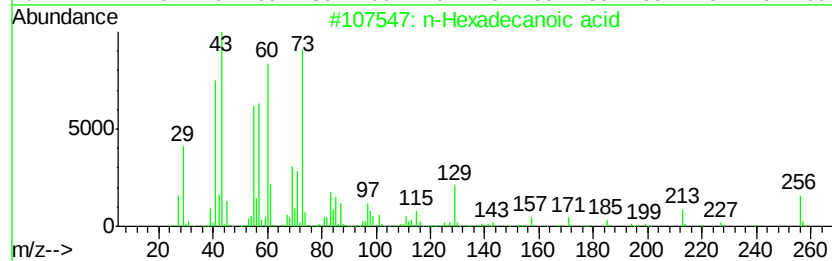
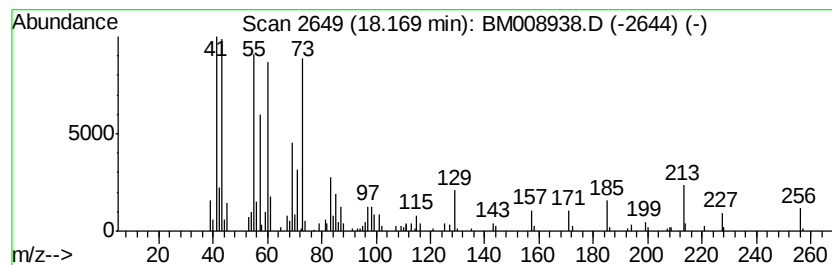
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	7.01 ng/ul	392201	Phenanthrene-d10	17.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3			n-Decanoic acid	172	C10H20O2	000334-48-5	64
4			Tridecanoic acid	214	C13H26O2	000638-53-9	53
5			n-Decanoic acid	172	C10H20O2	000334-48-5	52



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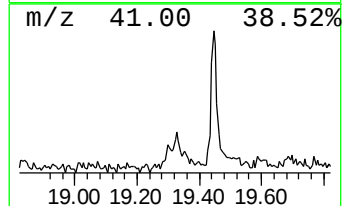
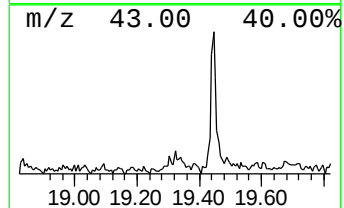
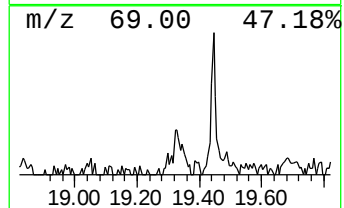
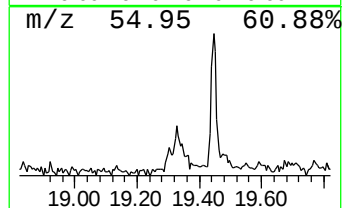
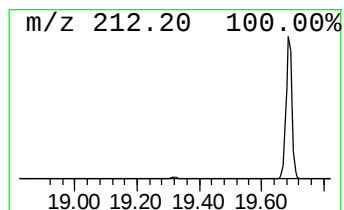
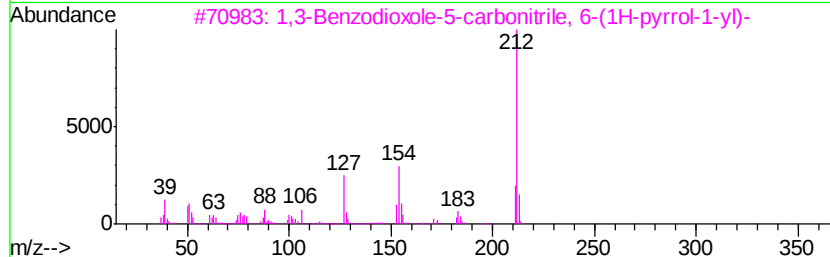
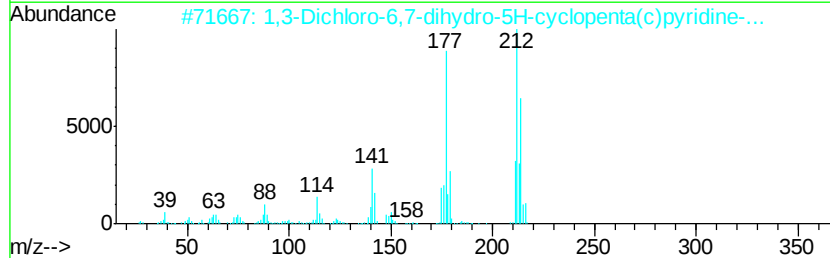
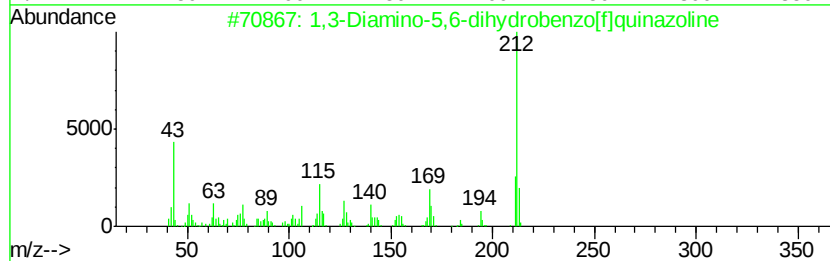
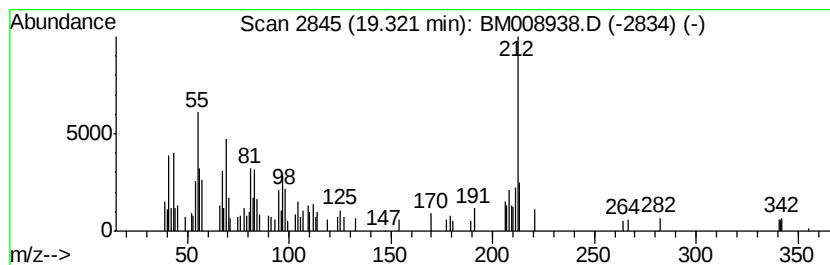
Instrument :
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Quant Title : SVOA CALIBRATION

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Peak Number 2 1,3-Diamino-5,6-dihydrobenz... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.32	3.20 ng/ul	178856	Phenanthrene-d10	17.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diamino-5,6-dihydrobenzo[flq...	212	C12H12N4	016061-72-6	52	
2	1,3-Dichloro-6,7-dihydro-5H-cycl...	212	C9H6Cl2N2	015524-46-6	47	
3	1,3-Benzodioxole-5-carbonitrile,...	212	C12H8N2O2	1000351-67-6	43	
4	2-Phenazinvl thiol	212	C12H8N2S	1000239-97-8	38	
5	5-Methoxycarbonyl-1,3-diazaadama...	212	C10H16N2O3	097934-06-0	38	



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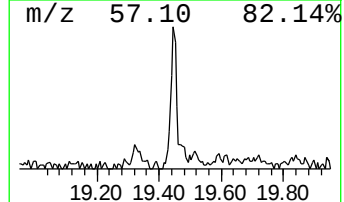
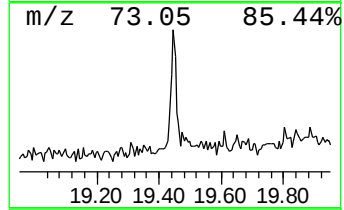
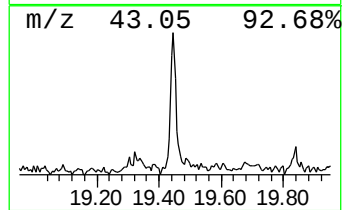
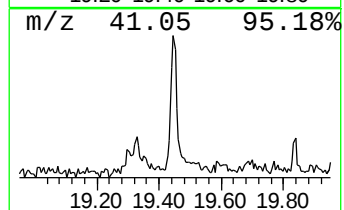
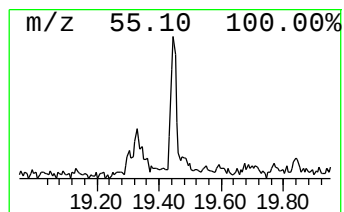
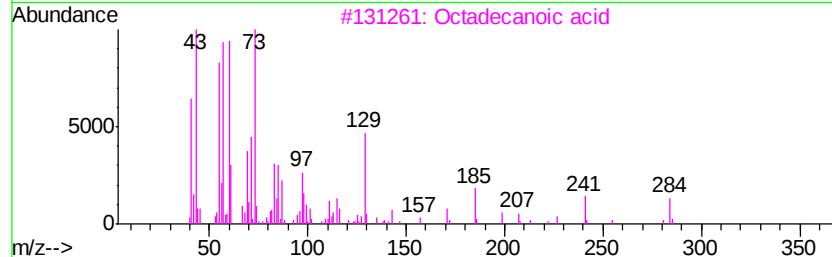
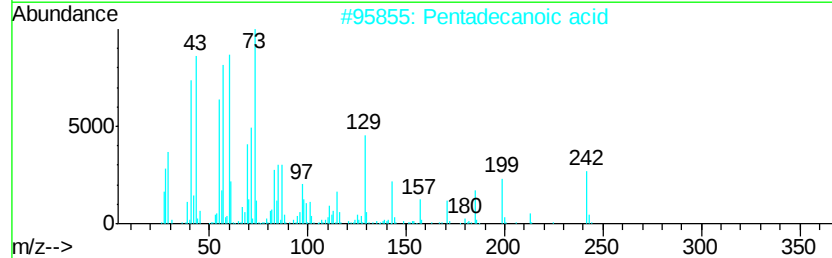
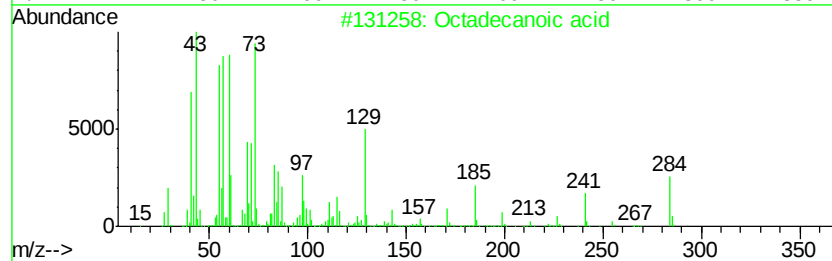
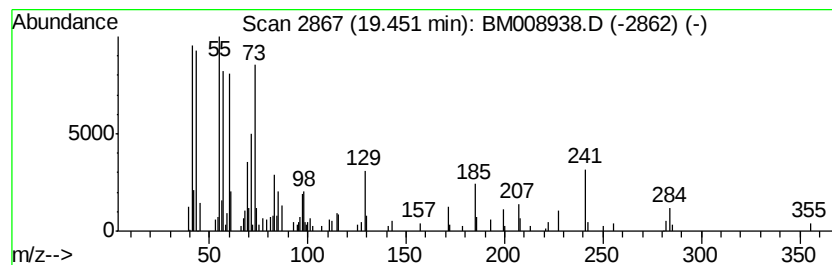
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	3.38 ng/ul	249741	Chrysene-d12	21.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			Octadecanoic acid	284	C18H36O2	000057-11-4	74
4			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	64
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



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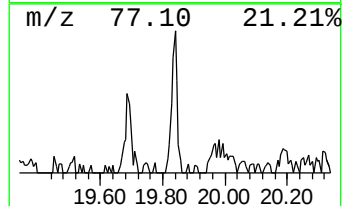
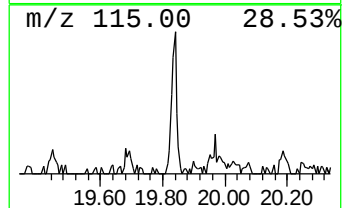
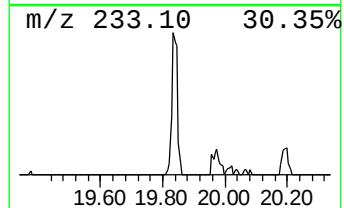
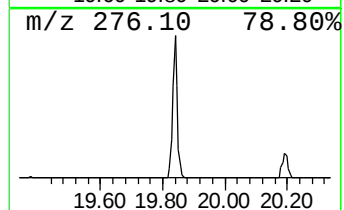
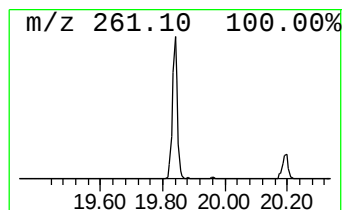
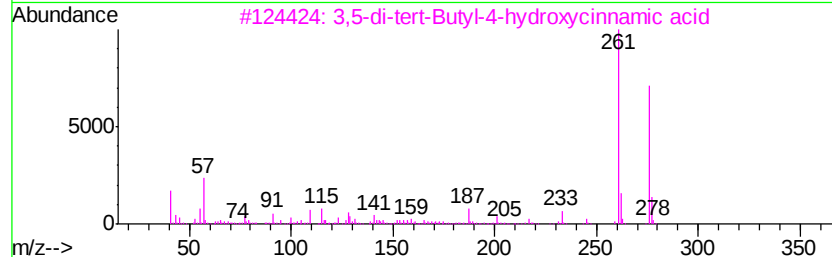
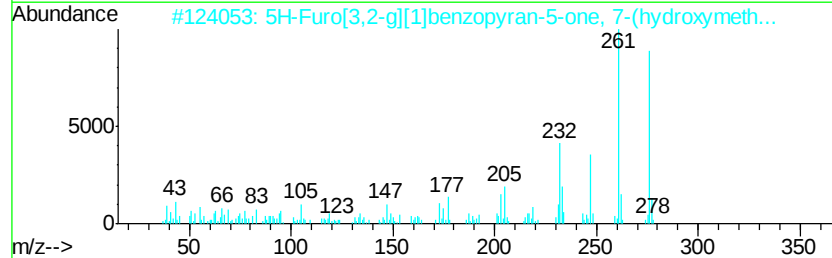
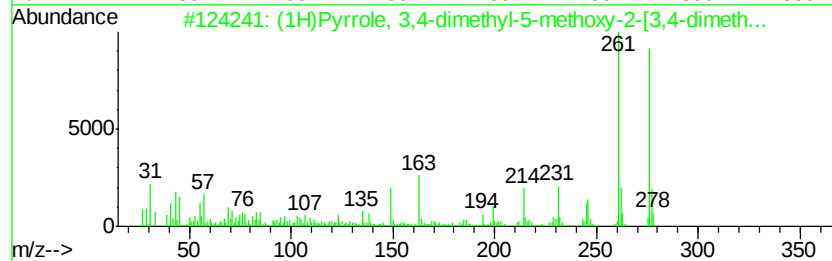
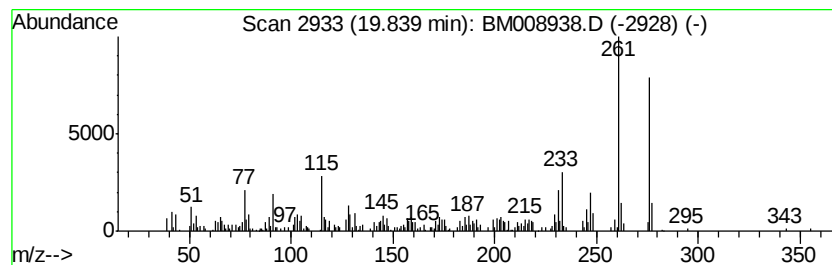
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (1H)Pyrrole, 3,4-dimethyl-5... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	5.09 ng/ul	376161	Chrysene-d12	21.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1H)Pyrrole, 3,4-dimethyl-5-meth...	276	C15H20N2OS	1000197-22-6	76	
2	5H-Furo[3,2-g][1]benzopyran-5-on...	276	C14H12O6	000668-10-0	64	
3	3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	58	
4	12H-Benzothieno[2,3-d]pyrido[1,2...	276	C14H16N2S2	102254-63-7	43	
5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	43	



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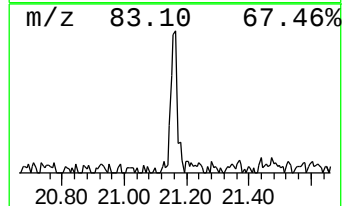
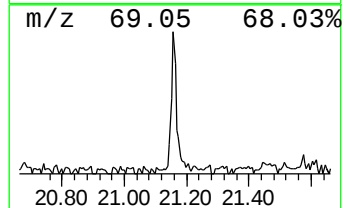
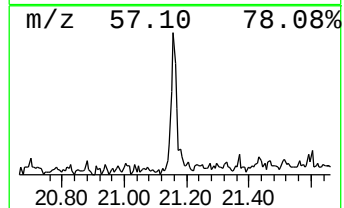
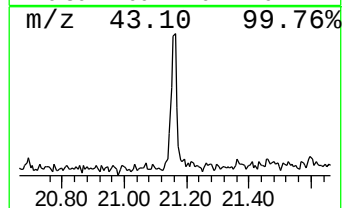
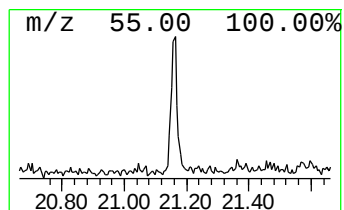
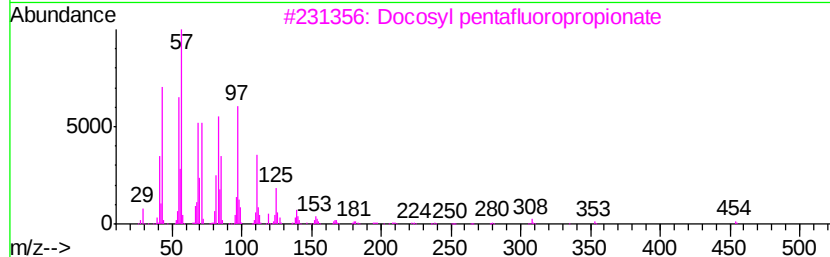
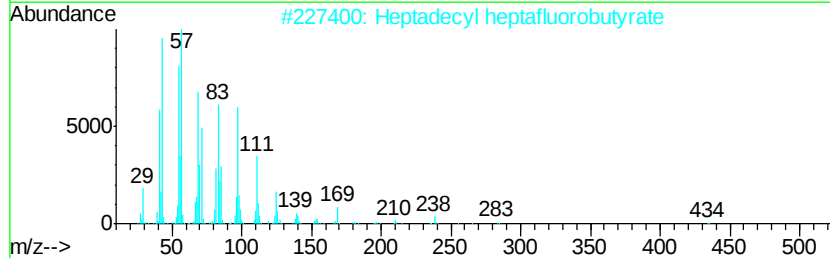
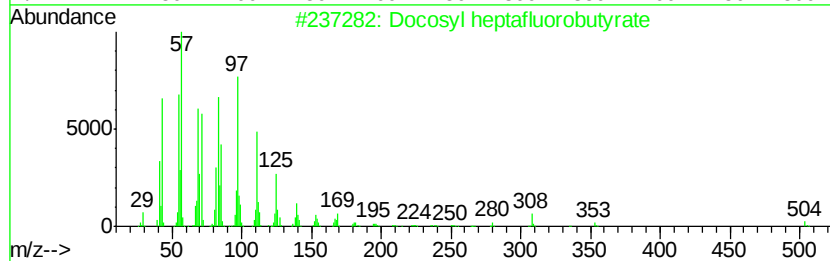
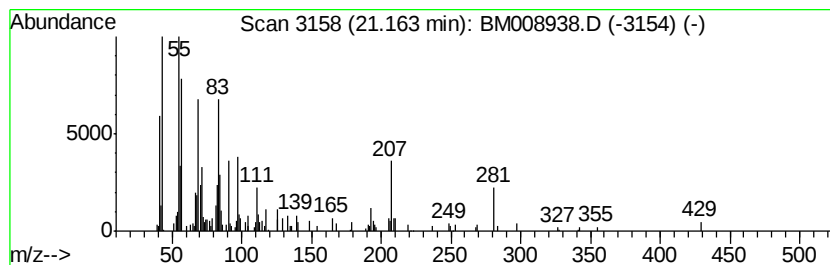
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Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	3.27 ng/ul	241500	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	49
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	49
3		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	49
4		Carbonic acid, isobutyl octadecyl...	370	C23H46O3	1000314-61-5	46
5		Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	46



Data Path : Z:\HPCHEM1\BNA M\DATA\BM013017\
Data File : BM008938.D
Acq On : 31 Jan 2017 06:54
Operator : SJ/MA
Sample : I1467-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDMT9

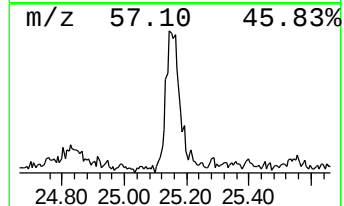
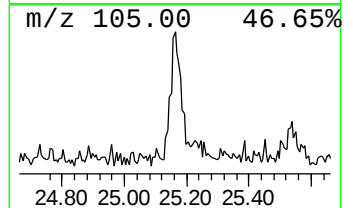
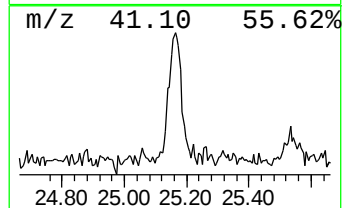
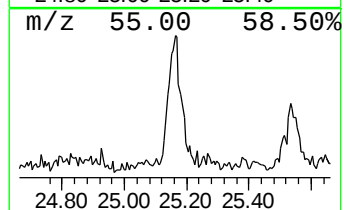
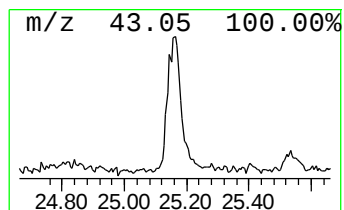
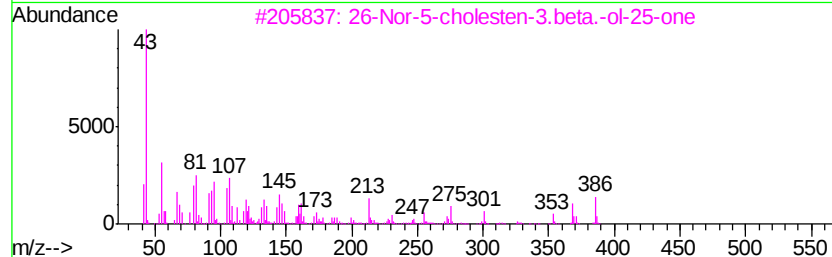
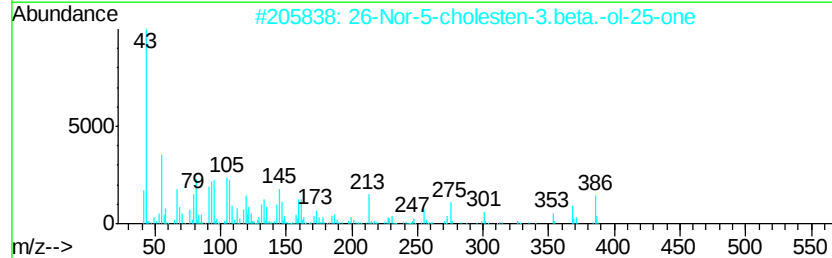
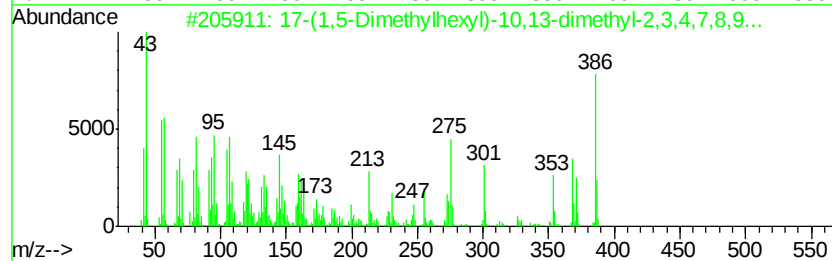
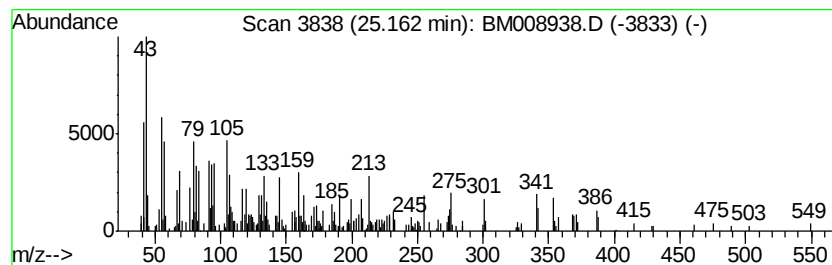
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.16	8.59 ng/ul	563260	Perylene-d12	23.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	50
2			26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	41
3			26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	38
4			Cholestane-3,5-diol, 5-acetate, ...	446	C29H50O3	041721-93-1	25
5			Testoster-3,11-dione, 9-thiocyan...	401	C22H27NO4S	100267-04-7	12



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM013017\
Data File : BM008938.D
Acq On : 31 Jan 2017 06:54
Operator : SJ/MA
Sample : I1467-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDMT9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.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
n-Hexadecanoic acid	18.17	7.0	ng/ul	392201	4	17.30	1119470	20.0
1,3-Diamino-5,6-d...	19.32	3.2	ng/ul	178856	4	17.30	1119470	20.0
Octadecanoic acid	19.45	3.4	ng/ul	249741	5	21.47	1478690	20.0
(1H)Pyrrole, 3,4-...	19.84	5.1	ng/ul	376161	5	21.47	1478690	20.0
unknown-01	21.16	3.3	ng/ul	241500	5	21.47	1478690	20.0
17-(1,5-Dimethylh...	25.16	8.6	ng/ul	563260	6	23.82	1311980	20.0