

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013268.D
 Acq On : 08 Dec 2017 14:56
 Operator : SJ/JU
 Sample : I6759-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A14

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-BM113017.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	6.869	635	643	656	rVB2	471259	890327	18.74%	2.132%
2	7.034	665	671	681	rVB	378709	580469	12.22%	1.390%
3	7.228	698	704	711	rBV	496422	796444	16.76%	1.907%
4	7.692	777	783	791	rBV	427460	682217	14.36%	1.634%
5	8.398	897	903	912	rVB	615502	1006643	21.18%	2.411%
6	8.845	972	979	986	rBV	506273	842257	17.72%	2.017%
7	9.563	1094	1101	1108	rBV	462380	754778	15.88%	1.807%
8	10.098	1184	1192	1202	rBV	677341	1102812	23.21%	2.641%
9	10.475	1247	1256	1264	rBV	629687	1031263	21.70%	2.469%
10	10.616	1272	1280	1290	rBV	629750	1068752	22.49%	2.559%
11	13.751	1806	1813	1817	rBV	1388823	1886755	39.71%	4.518%
12	13.798	1817	1821	1830	rVB	196654	283826	5.97%	0.680%
13	14.027	1849	1860	1866	rBV	1447934	2148740	45.22%	5.145%
14	14.245	1892	1897	1902	rVB2	63270	90092	1.90%	0.216%
15	14.333	1905	1912	1923	rBV2	967816	1524343	32.08%	3.650%
16	14.551	1943	1949	1960	rBV	671056	1088381	22.90%	2.606%
17	15.198	2055	2059	2065	rVB	68597	87215	1.84%	0.209%
18	15.333	2074	2082	2088	rBV	1830395	2591850	54.54%	6.206%
19	15.457	2097	2103	2110	rBV	669304	910025	19.15%	2.179%
20	16.062	2201	2206	2214	rBV2	69284	122548	2.58%	0.293%
21	16.851	2336	2340	2346	rBV3	49585	73783	1.55%	0.177%
22	17.086	2374	2380	2390	rBV2	1424901	2036564	42.86%	4.877%
23	17.180	2390	2396	2405	rVB	2174938	3028147	63.73%	7.251%
24	17.986	2528	2533	2542	rBV	396260	539126	11.35%	1.291%
25	19.115	2721	2725	2729	rBV3	37679	60985	1.28%	0.146%
26	19.274	2747	2752	2762	rBV	242366	361106	7.60%	0.865%
27	19.362	2764	2767	2775	rVB2	28650	55743	1.17%	0.133%
28	19.480	2781	2787	2793	rBV	2861714	3818196	80.35%	9.143%
29	19.533	2793	2796	2801	rVB2	63405	91578	1.93%	0.219%
30	20.992	3040	3044	3050	rBV	339585	405411	8.53%	0.971%
31	21.274	3086	3092	3097	rBV	2223586	2828325	59.52%	6.773%
32	22.556	3307	3310	3316	rVB4	168646	223644	4.71%	0.536%
33	22.833	3353	3357	3360	rBV3	180538	273943	5.77%	0.656%
34	22.874	3360	3364	3372	rVB3	381318	604155	12.71%	1.447%

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Integration Parameters: LSCINT.P

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35	23.362	3440	3447	3460	rVB2	2406270	4751812	100.00%	11.379%
36	23.503	3464	3471	3479	rVB	1486119	2798676	58.90%	6.702%
37	24.038	3559	3562	3568	rVB3	192557	319499	6.72%	0.765%

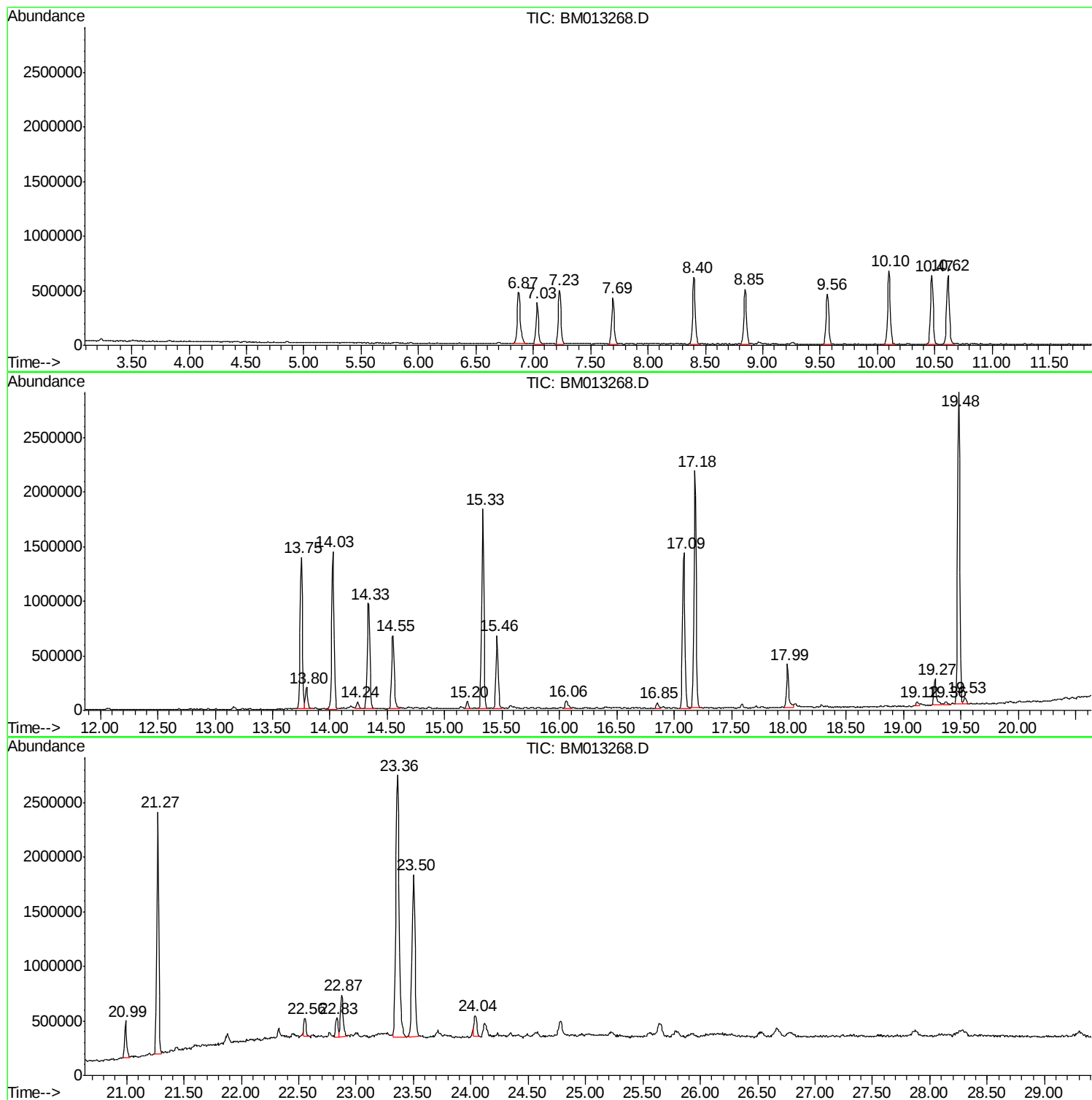
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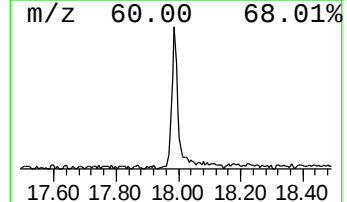
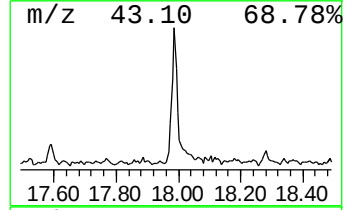
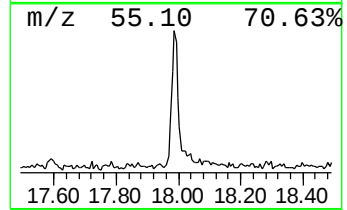
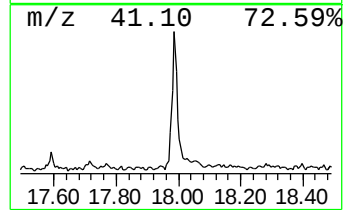
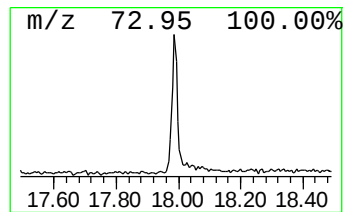
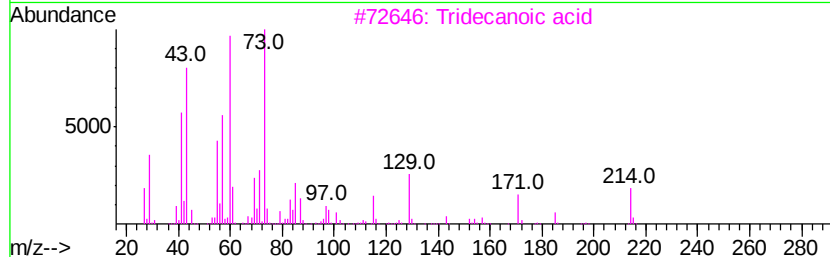
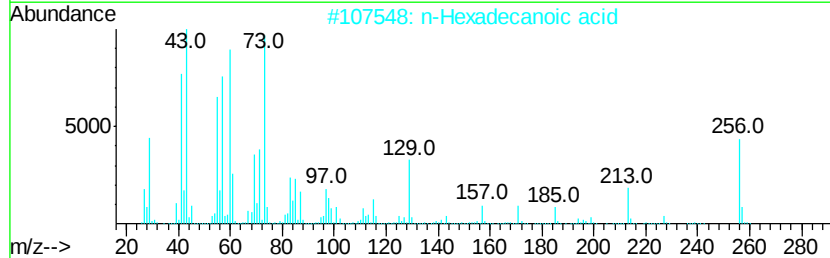
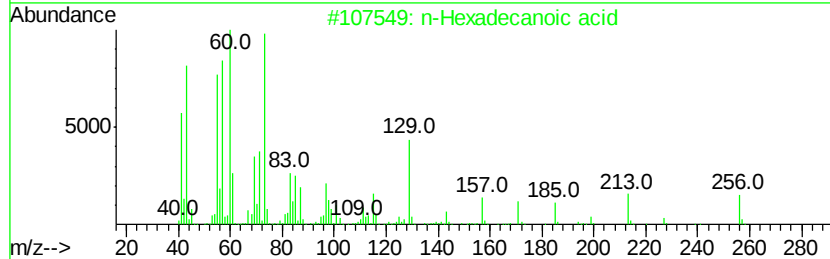
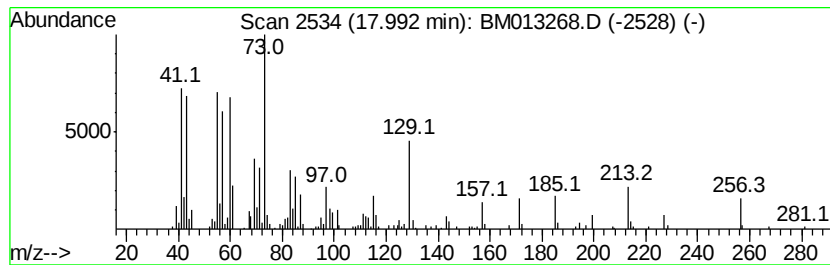
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.99	5.29 ng/ul	539126	Phenanthrene-d10		17.09	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
3	Tridecanoic acid		214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	86
5	Dodecanoic acid		200	C12H24O2	000143-07-7	81



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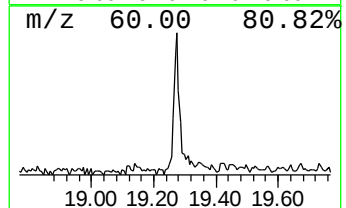
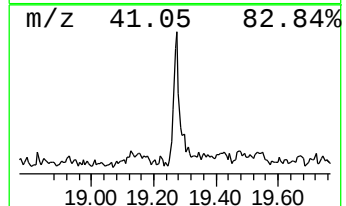
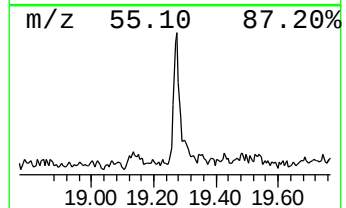
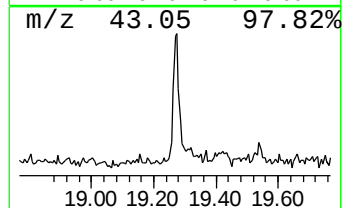
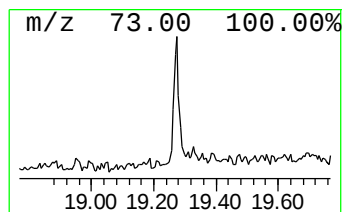
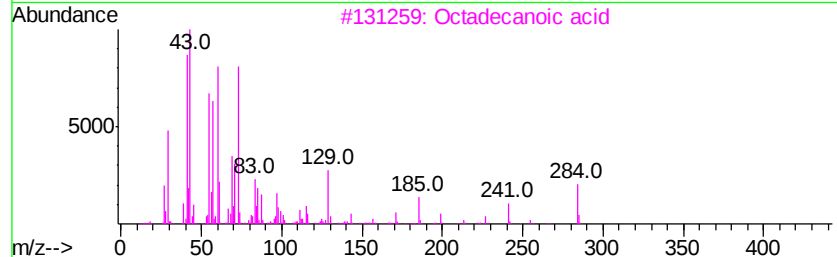
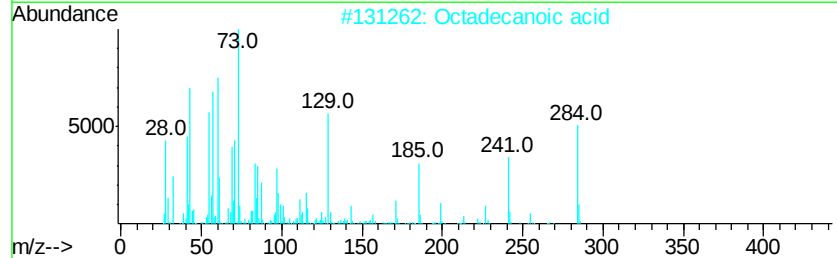
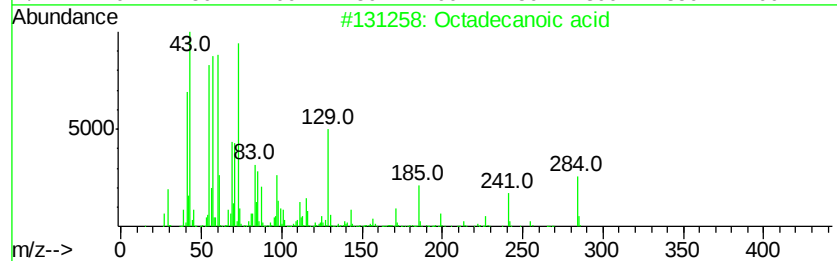
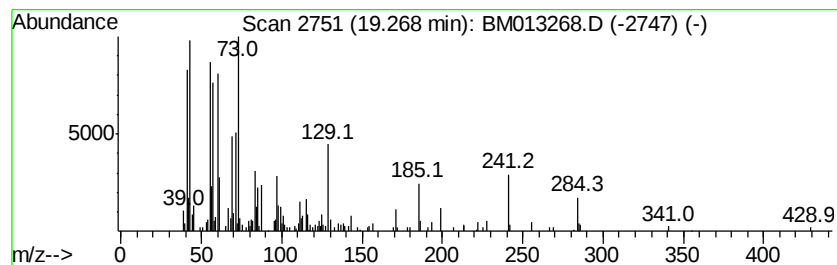
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.55 ng/ul	361106	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	89



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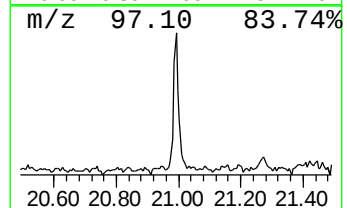
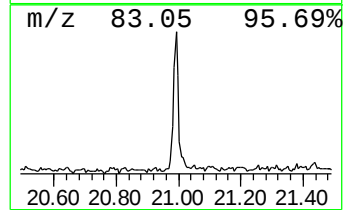
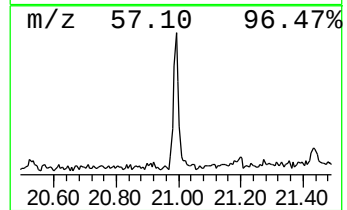
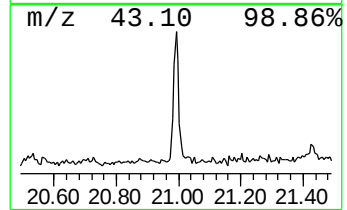
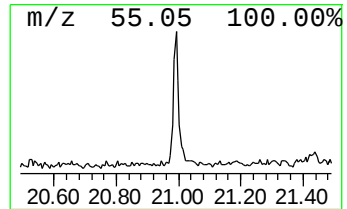
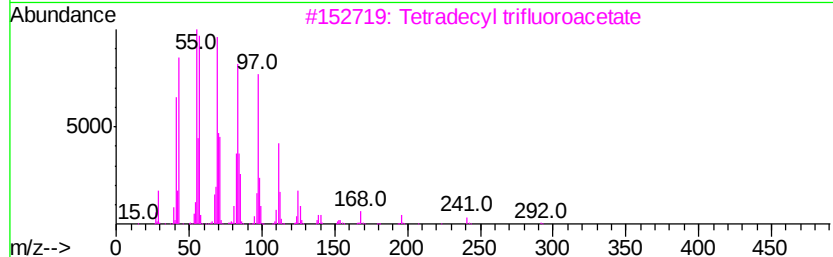
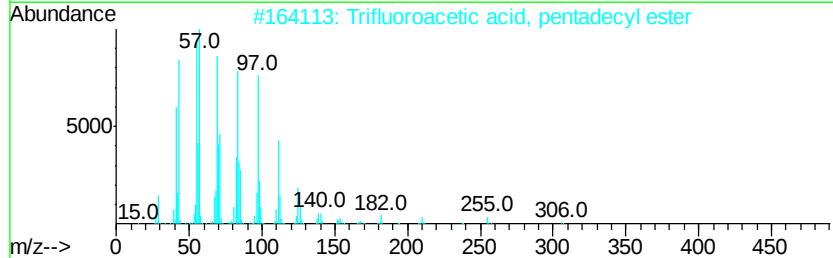
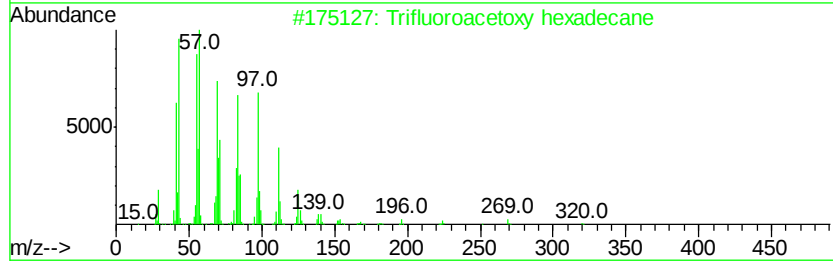
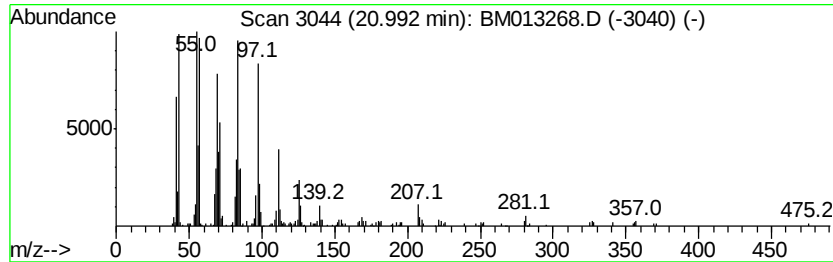
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.99	2.87 ng/ul	405411	Chrysene-d12	21.27		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	94
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3		Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	93



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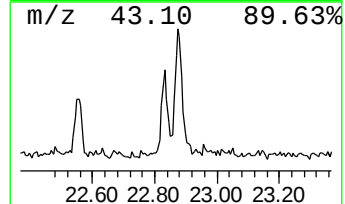
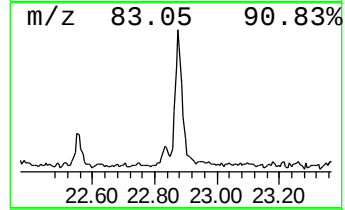
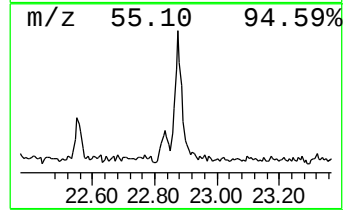
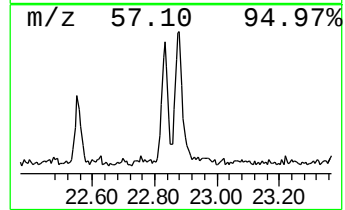
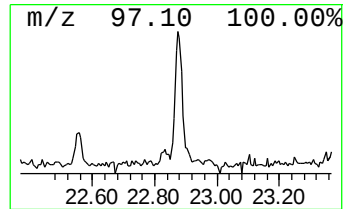
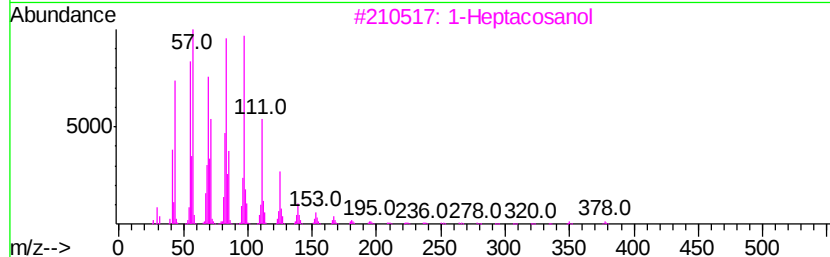
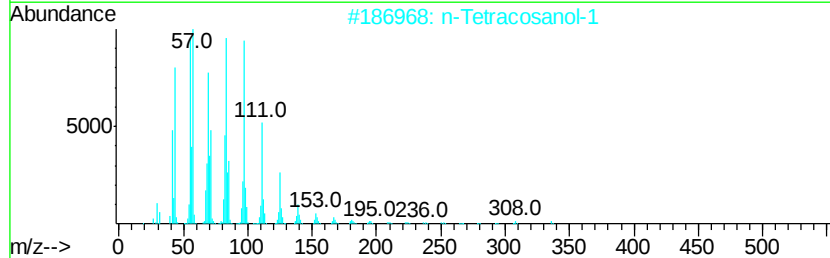
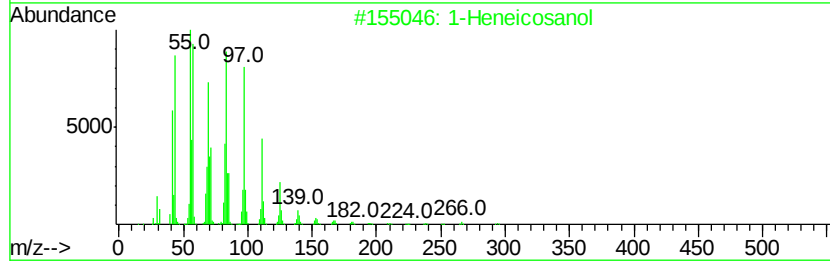
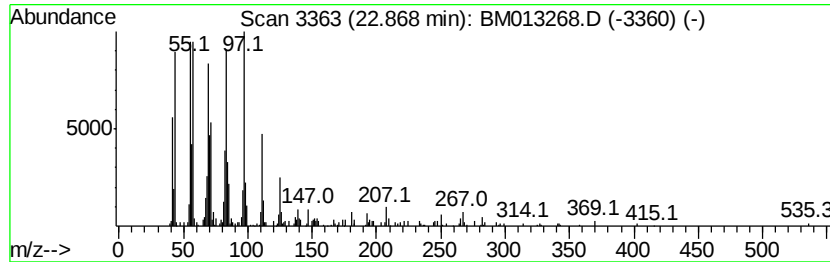
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Peak Number 4 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.87	4.32 ng/ul	604155	Perylene-d12	23.50		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		Behenic alcohol	326	C22H46O	000661-19-8	90
5		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	87



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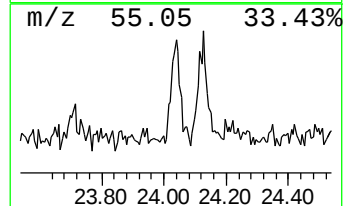
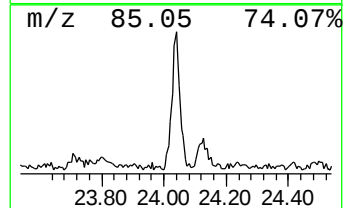
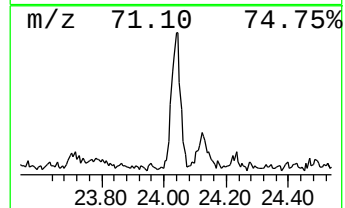
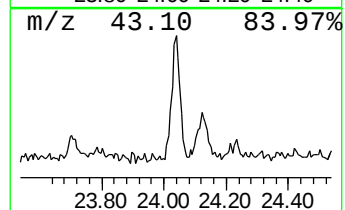
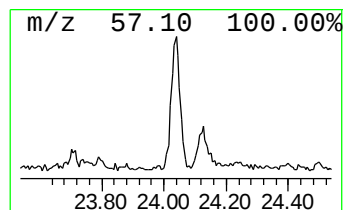
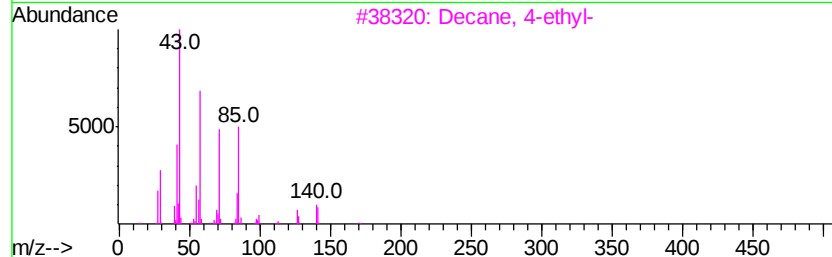
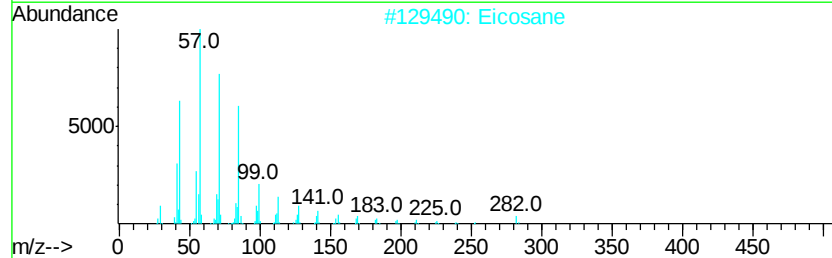
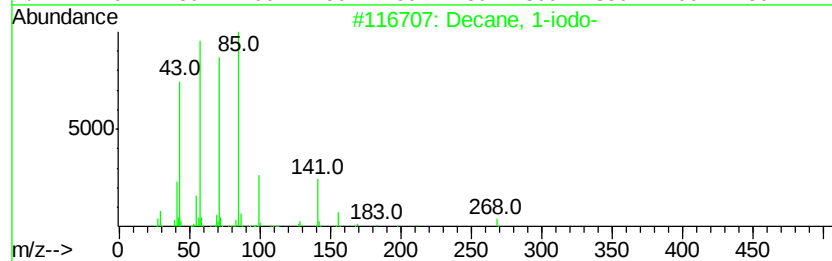
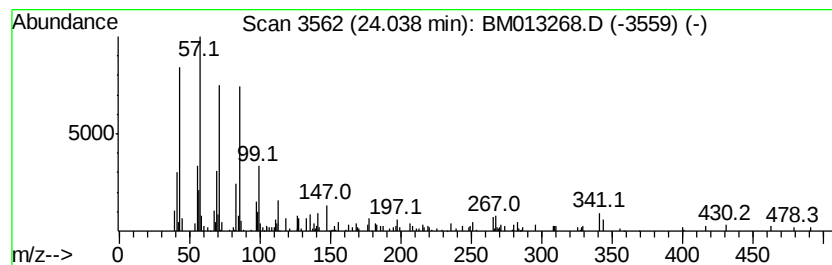
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Peak Number 5 Decane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.28 ng/ul	319499	Perylene-d12	23.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 1-iodo-		268 C10H21I	002050-77-3 74
2	Eicosane		282 C20H42	000112-95-8 74
3	Decane, 4-ethyl-		170 C12H26	001636-44-8 64
4	Dodecane, 5-methyl-		184 C13H28	017453-93-9 59
5	Tridecane, 3-methyl-		198 C14H30	006418-41-3 50



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Sample : I6759-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A14

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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	17.99	5.3	ng/ul	539126	4	17.09	2036560	20.0
Octadecanoic acid	19.27	2.5	ng/ul	361106	5	21.27	2828330	20.0
Trifluoroacetoxy ...	20.99	2.9	ng/ul	405411	5	21.27	2828330	20.0
1-Heneicosanol	22.87	4.3	ng/ul	604155	6	23.50	2798680	20.0
Decane, 1-iodo-	24.04	2.3	ng/ul	319499	6	23.50	2798680	20.0