

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
 Data File : BM008899.D
 Acq On : 27 Jan 2017 06:21
 Operator : SJ/MA
 Sample : I1426-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDMY6

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-BM012317.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	7.075	757	763	774	rBV3	446399	782510	8.46%	2.010%
2	7.257	787	794	801	rBV	266305	410842	4.44%	1.055%
3	7.451	821	827	835	rBV	409061	667251	7.21%	1.714%
4	7.922	901	907	914	rBV	403823	662540	7.16%	1.702%
5	8.616	1017	1025	1032	rBV2	408707	646868	6.99%	1.661%
6	9.086	1098	1105	1113	rBV	427979	715557	7.74%	1.838%
7	9.810	1221	1228	1236	rVB2	376006	607337	6.57%	1.560%
8	10.339	1312	1318	1326	rBV	498075	802222	8.67%	2.060%
9	10.727	1377	1384	1394	rVB2	474956	801636	8.67%	2.059%
10	10.863	1401	1407	1416	rVB2	121975	208763	2.26%	0.536%
11	13.968	1928	1935	1939	rBV	677164	957640	10.35%	2.459%
12	14.010	1939	1942	1949	rVB	159224	215689	2.33%	0.554%
13	14.257	1978	1984	1992	rBV	776326	1115432	12.06%	2.865%
14	14.562	2028	2036	2042	rVB	667190	956738	10.34%	2.457%
15	14.745	2060	2067	2073	rBV	378520	533504	5.77%	1.370%
16	15.557	2198	2205	2211	rBV	942811	1363334	14.74%	3.501%
17	15.662	2217	2223	2230	rBV	258086	364596	3.94%	0.936%
18	16.251	2316	2323	2333	rBV	57174	102514	1.11%	0.263%
19	17.309	2496	2503	2510	rBV	809387	1187869	12.84%	3.051%
20	17.403	2513	2519	2527	rVV	1095636	1527906	16.52%	3.924%
21	18.174	2645	2650	2659	rBV2	84430	128598	1.39%	0.330%
22	19.603	2888	2893	2898	rBV	8829636	9250408	100.00%	23.757%
23	19.692	2903	2908	2915	rBV	1301201	1751157	18.93%	4.497%
24	20.644	3065	3070	3075	rBV	7688736	7946574	85.91%	20.408%
25	21.162	3154	3158	3164	rBV2	167483	210715	2.28%	0.541%
26	21.474	3206	3211	3216	rBV	1210562	1549161	16.75%	3.979%
27	23.080	3480	3484	3488	rVB4	70751	99488	1.08%	0.256%
28	23.680	3580	3586	3594	rVB2	912621	1791041	19.36%	4.600%
29	23.832	3606	3612	3620	rVB	706075	1365191	14.76%	3.506%
30	25.156	3834	3837	3845	rVB6	101234	214542	2.32%	0.551%

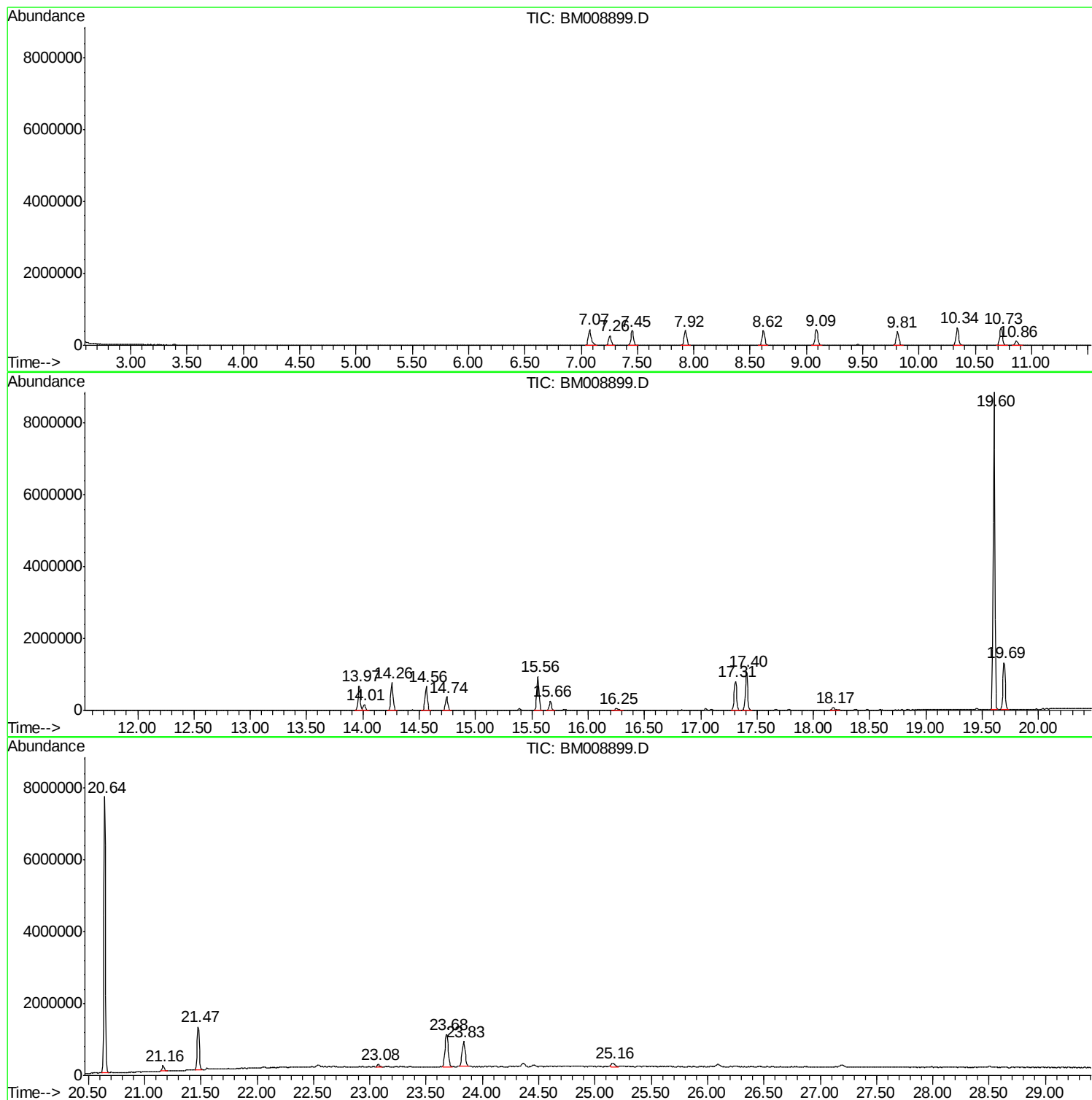
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ALS Vial : 22 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



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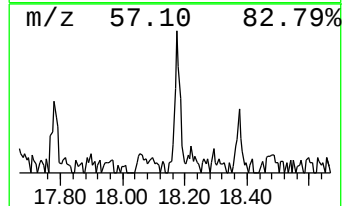
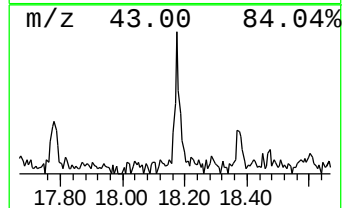
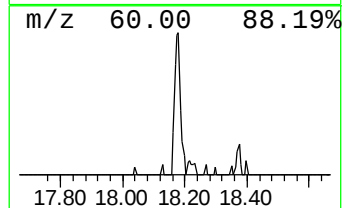
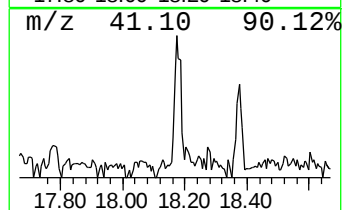
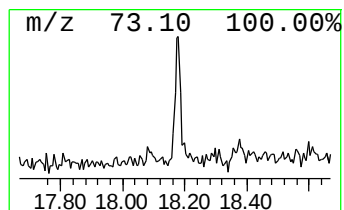
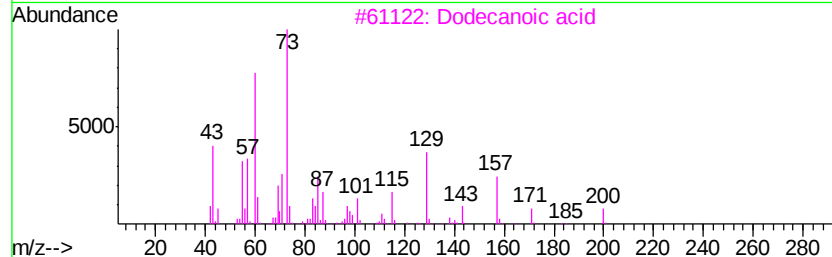
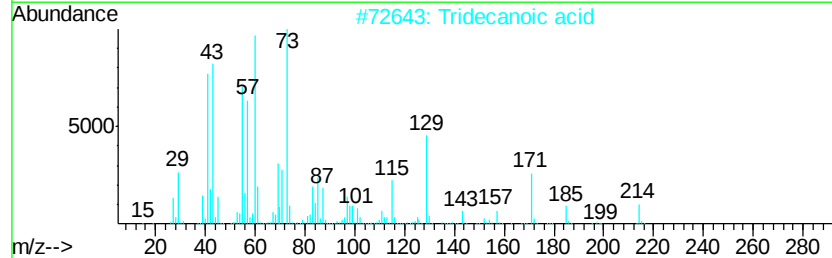
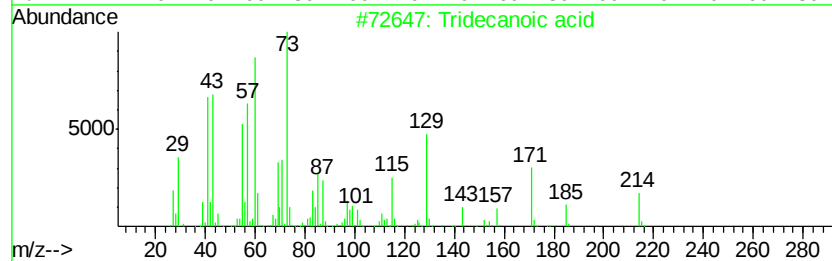
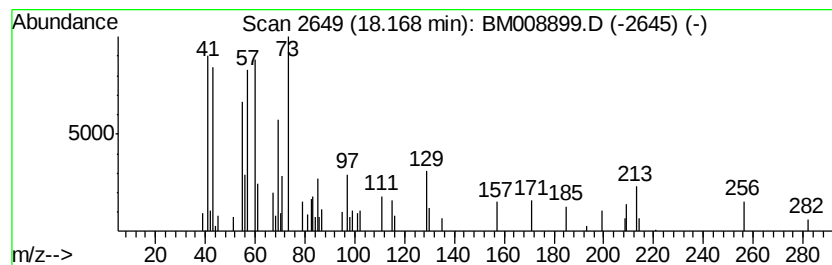
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.17	2.17 ng/ul	128598	Phenanthrene-d10		17.31
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	47
2	Tridecanoic acid	214	C13H26O2	000638-53-9	47
3	Dodecanoic acid	200	C12H24O2	000143-07-7	47
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
5	Undecanoic acid	186	C11H22O2	000112-37-8	38



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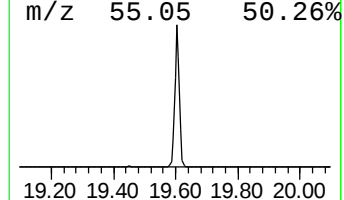
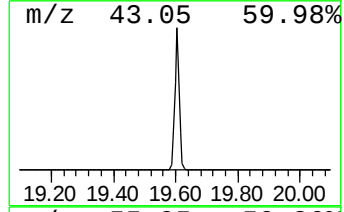
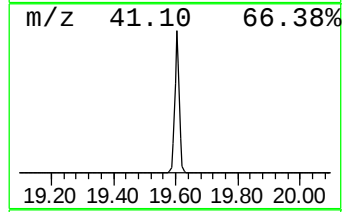
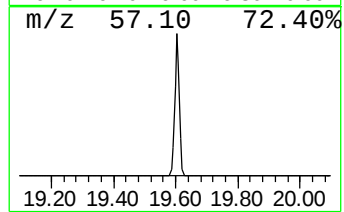
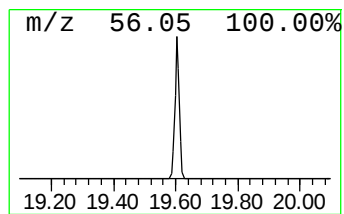
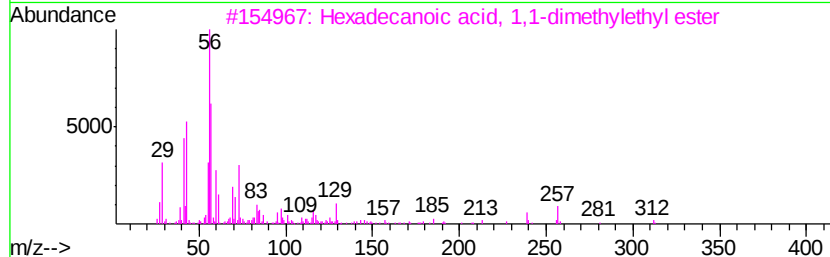
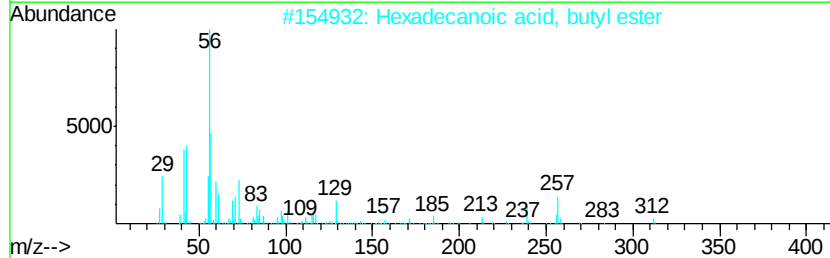
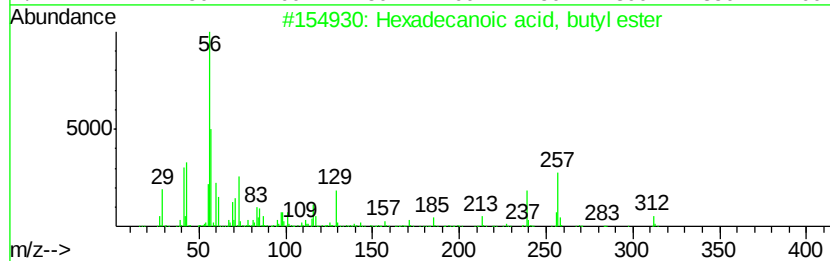
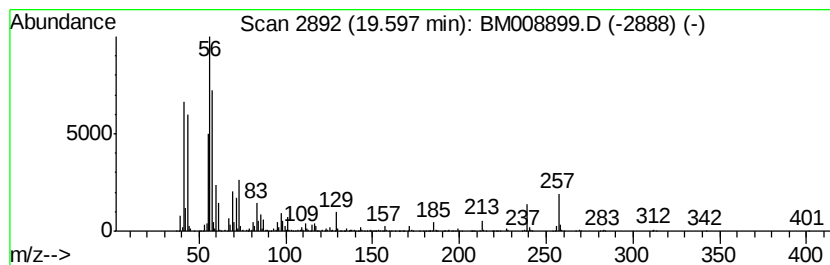
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	119.43 ng/ul	9250410	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	64
4		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	50
5		Eicosanoic acid	312	C20H40O2	000506-30-9	42



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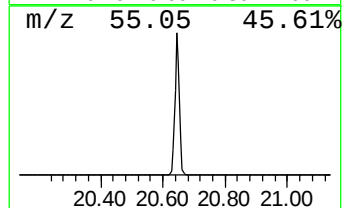
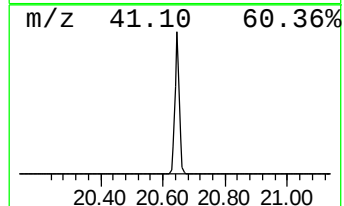
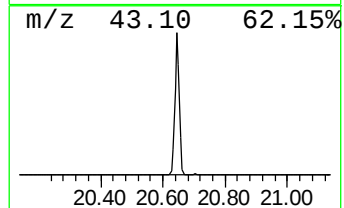
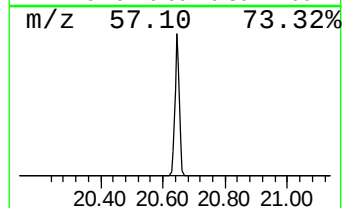
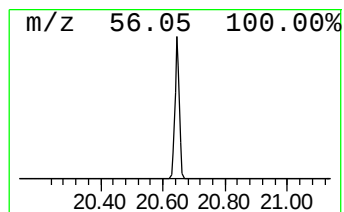
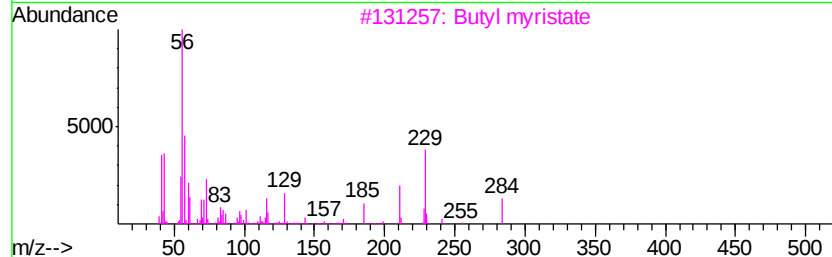
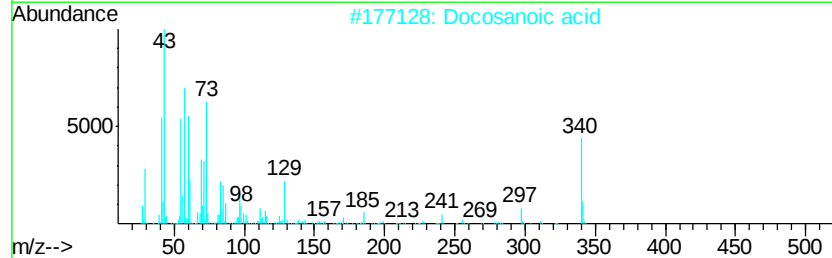
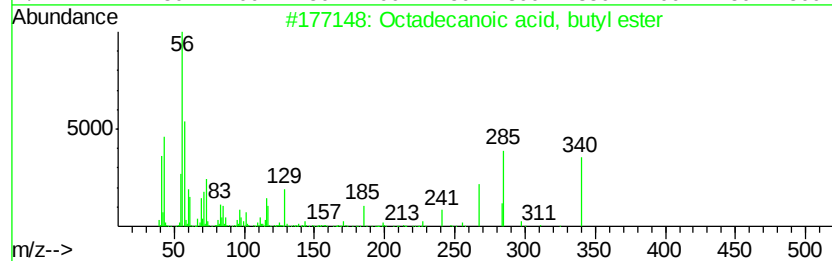
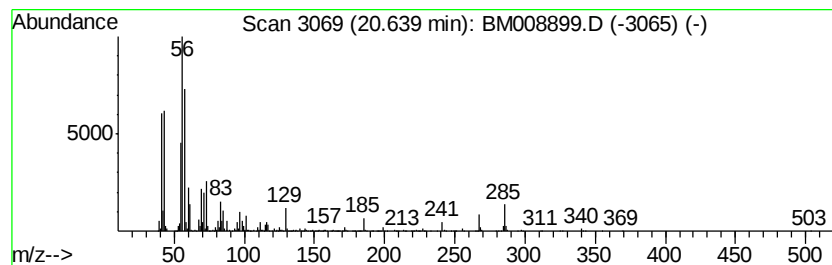
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Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	102.59 ng/ul	7946570	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2		Docosanoic acid	340	C22H44O2	000112-85-6	70
3		Butyl myristate	284	C18H36O2	000110-36-1	59
4		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	50
5		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	43



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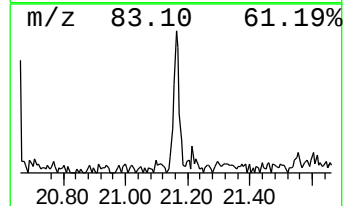
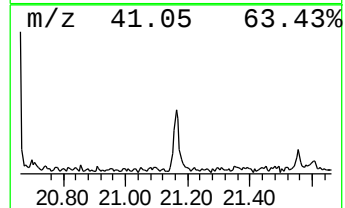
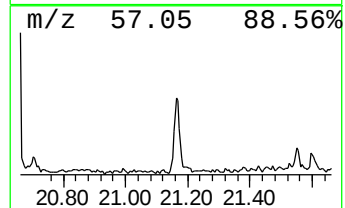
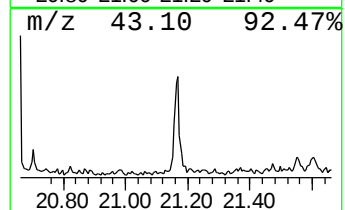
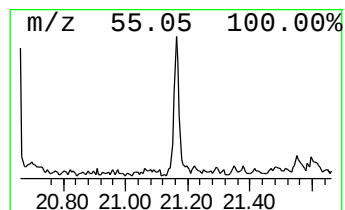
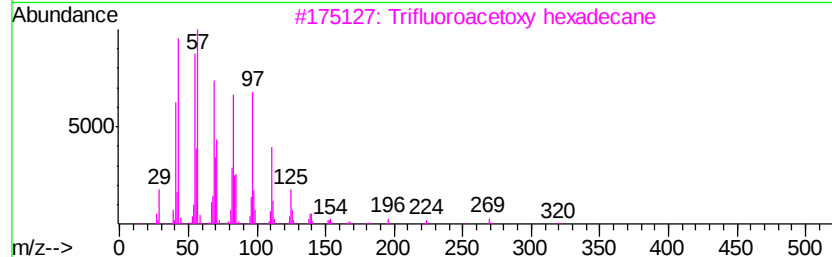
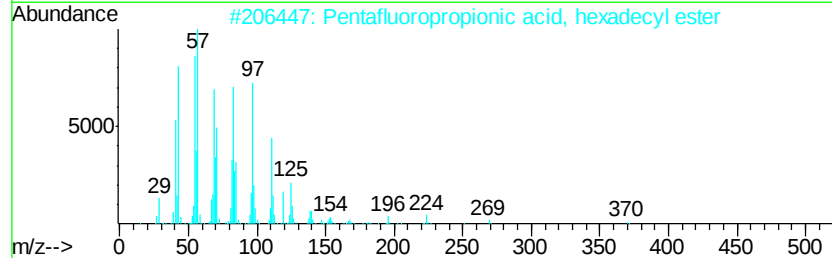
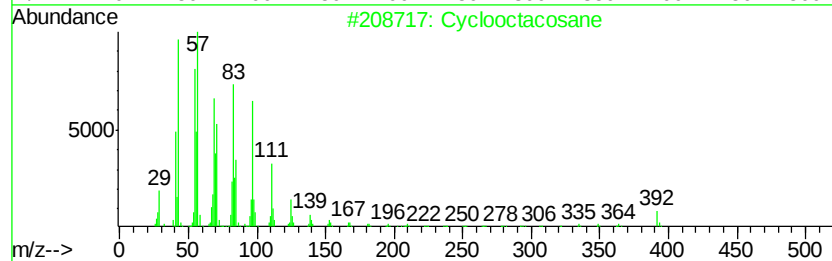
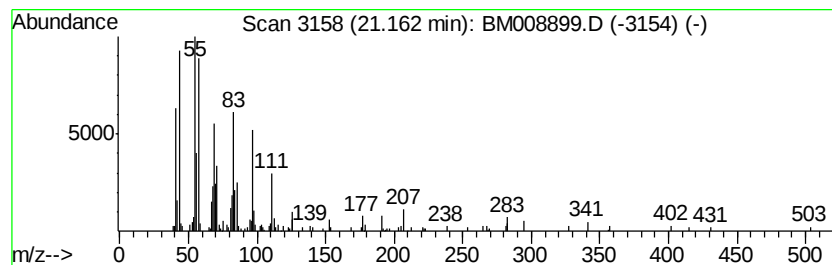
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Cyclic21.16 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.72 ng/ul	210715	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctacosane	392	C28H56	000297-24-5	91
2		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
4		Behenic alcohol	326	C22H46O	000661-19-8	80
5		1-Heptadecene	238	C17H34	006765-39-5	68



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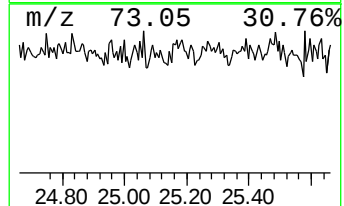
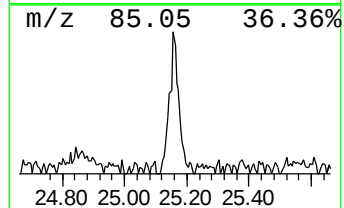
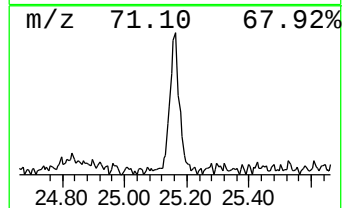
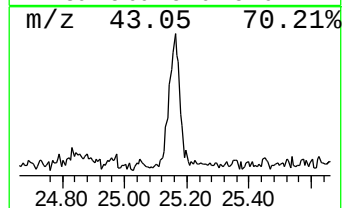
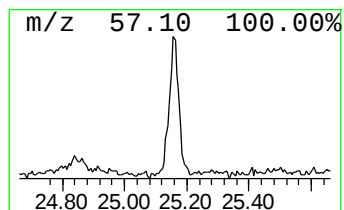
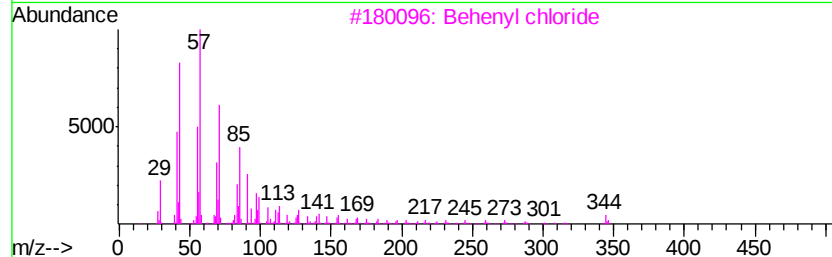
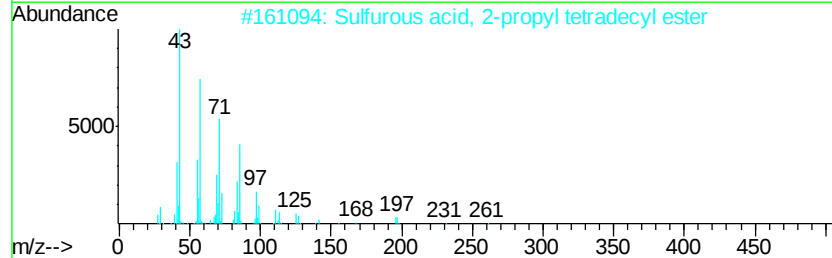
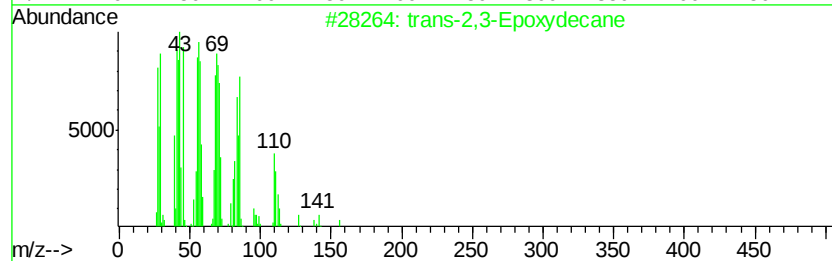
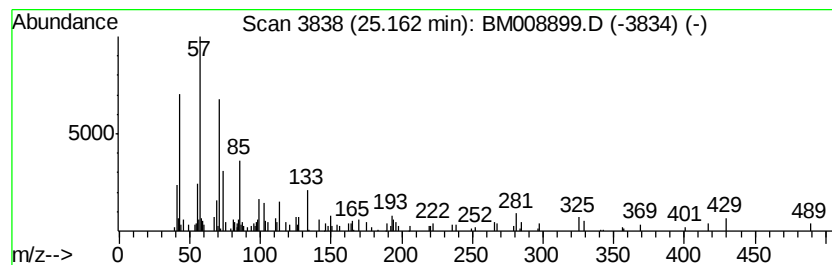
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Peak Number 5 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.16	3.14 ng/ul	214542	Perylene-d12	23.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	38
2		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	38
3		Behenyl chloride	344	C22H45Cl	042217-03-8	38
4		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	38
5		Hentriacontane	437	C31H64	000630-04-6	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	18.17	2.2	ng/ul	128598	4	17.31	1187870	20.0
Hexadecanoic acid...	19.60	119.4	ng/ul	9250410	5	21.47	1549160	20.0
Octadecanoic acid...	20.64	102.6	ng/ul	7946570	5	21.47	1549160	20.0
(DEL) Alkane: Cyc...	21.16	2.7	ng/ul	210715	5	21.47	1549160	20.0
unknown-02	25.16	3.1	ng/ul	214542	6	23.83	1365190	20.0