LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061221\
Data File : BM030416.D
Acq On : 12 Jun 2021 15:55
Operator : CG/JU
Sample : M2673-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
17-B6(88-92)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM030416.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.963	315	319	328	rBV	64569	97196	1.35%	0.274%
2	5.416	389	396	407	rBV	2341351	3390269	47.24%	9.555%
3	6.998	657	665	677	rBV	2197501	3463602	48.27%	9.762%
4	7.834	798	807	815	rBV	554854	886183	12.35%	2.498%
5	8.987	994	1003	1017	rBV	1265816	2079760	28.98%	5.861%
6	10.422	1240	1247	1257	rBV2	48281	123727	1.72%	0.349%
7	10.622	1274	1281	1292	rBV	670295	1139035	15.87%	3.210%
8	13.080	1692	1699	1711	rBV	3093338	4550143	63.41%	12.824%
9	14.457	1926	1933	1946	rVB	962788	1411318	19.67%	3.978%
10	15.939	2179	2185	2203	rBV	2349839	3310279	46.13%	9.329%
11	17.192	2391	2398	2409	rBV	1127349	1645684	22.93%	4.638%
12	18.080	2543	2549	2558	rBV	251103	445586	6.21%	1.256%
13	19.356	2762	2766	2780	rBV	241280	445139	6.20%	1.255%
14	19.809	2837	2843	2850	rBV	5586398	7176096	100.00%	20.225%
15	20.492	2956	2959	2967	rVB	160287	190084	2.65%	0.536%
16	21.068	3053	3057	3063	rBV2	163071	273875	3.82%	0.772%
17	21.356	3101	3106	3116	rBV	1713525	2240564	31.22%	6.315%
18	23.633	3487	3493	3504	rVB2	1356002	2613370	36.42%	7.365%

Sum of corrected areas: 35481910

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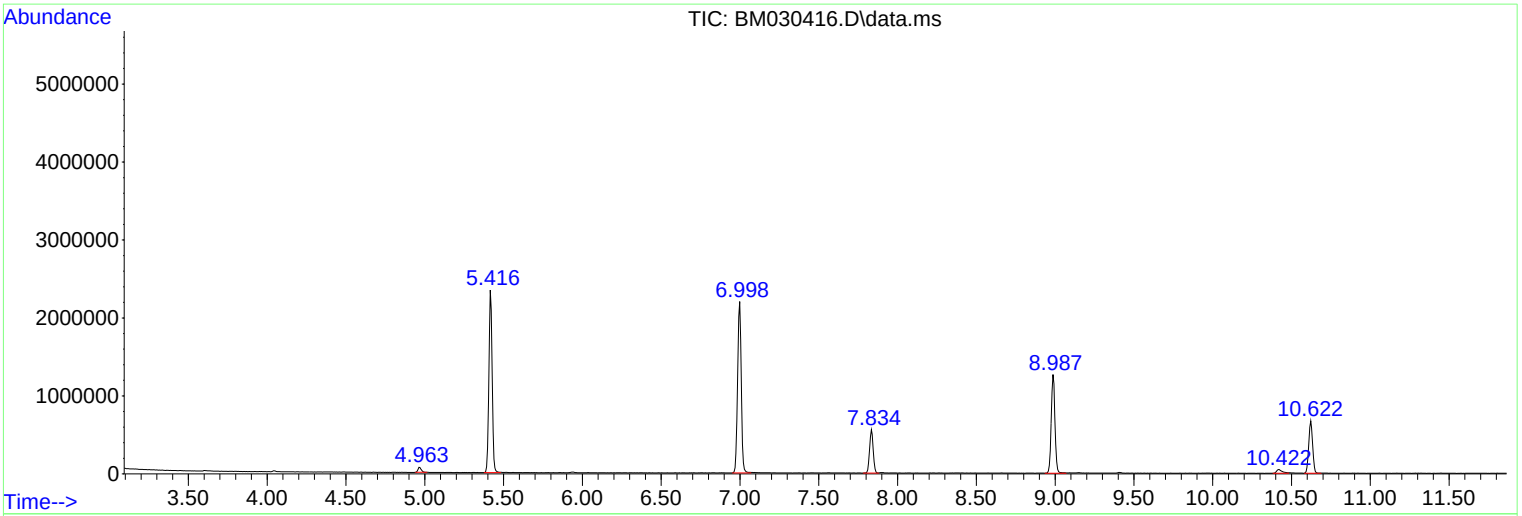
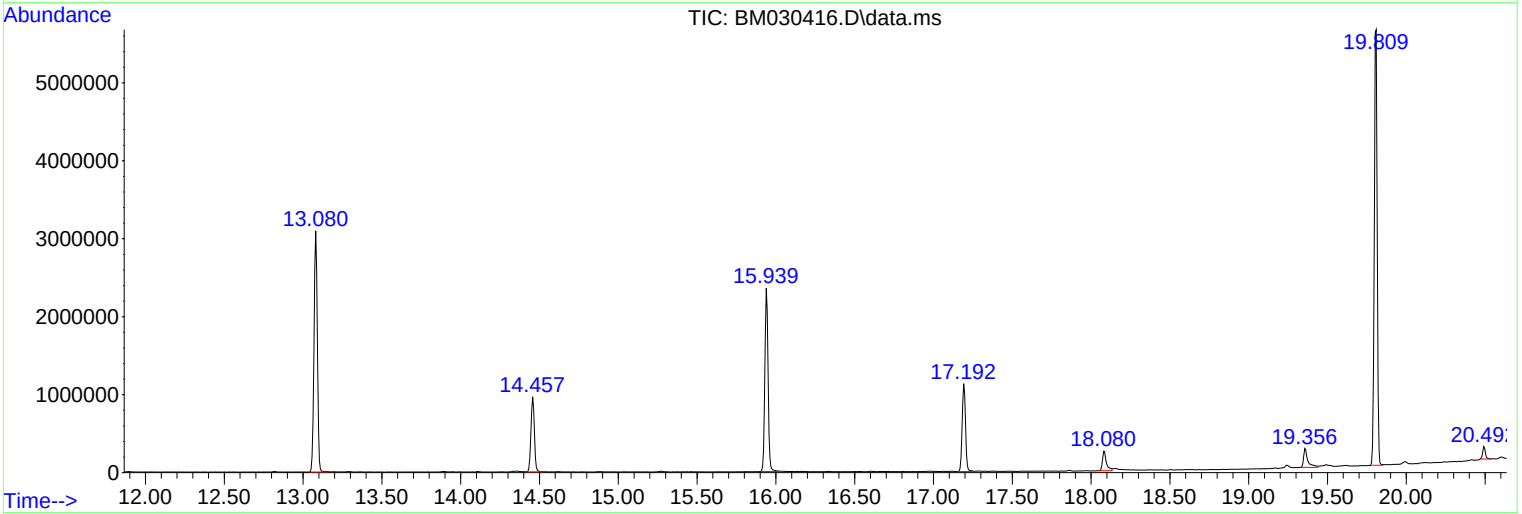
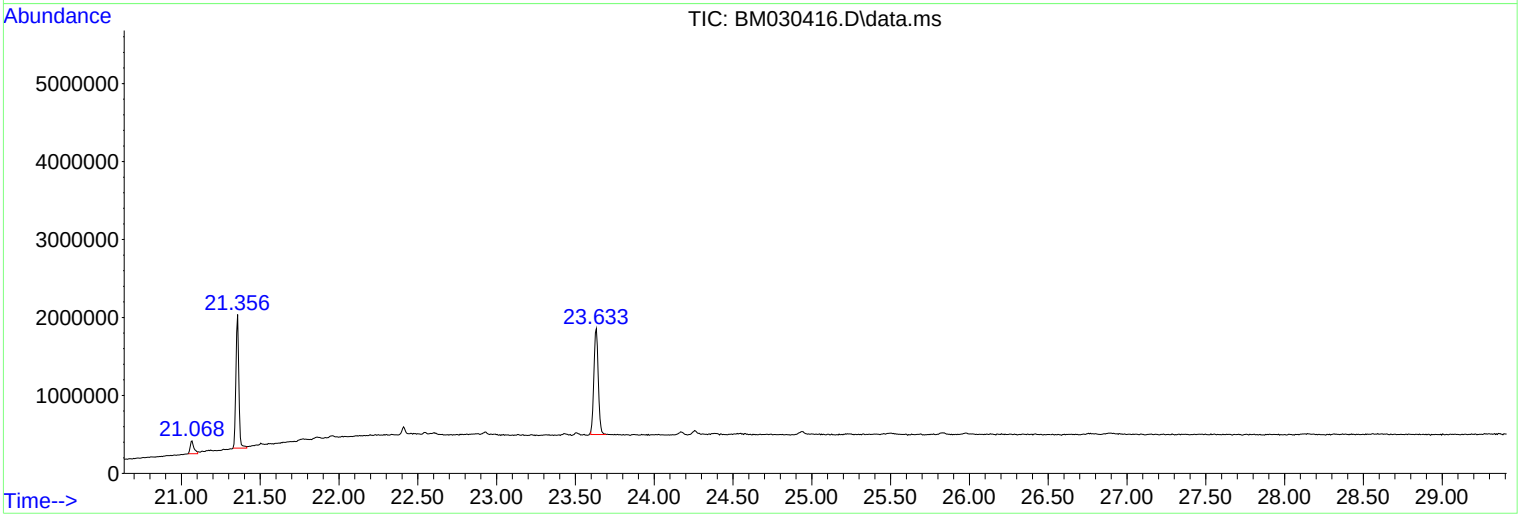
17-B6(88-92)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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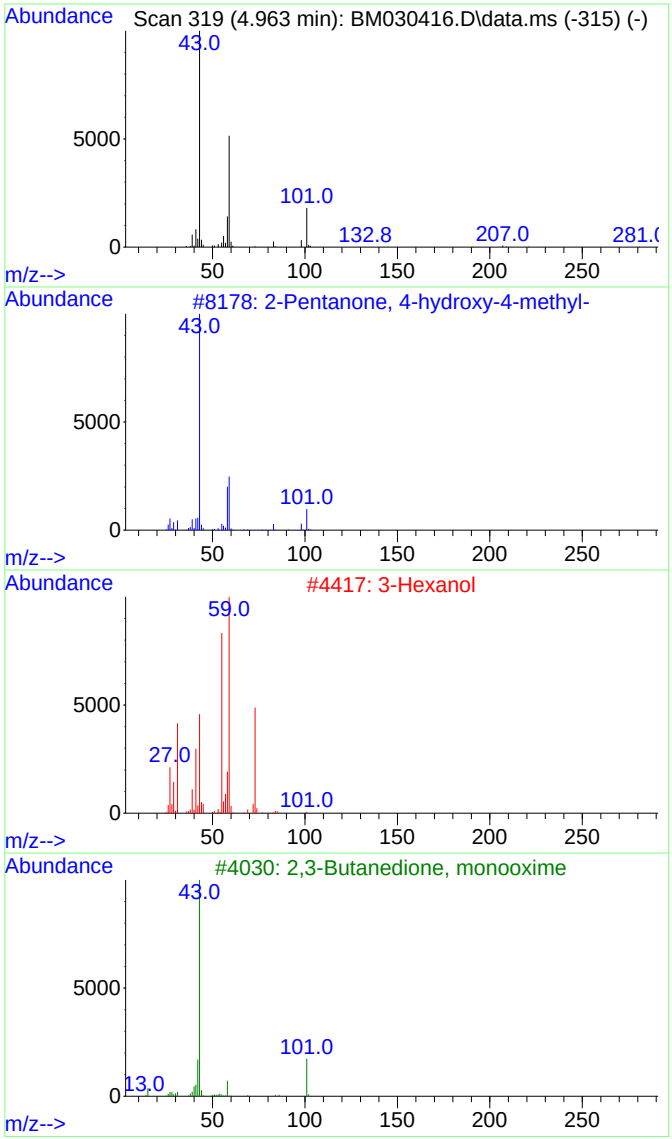
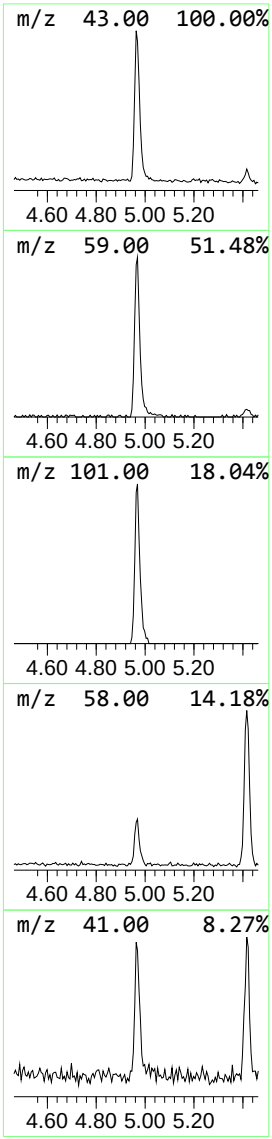
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	2.19 ng	97196	1,4-Dichlorobenzene-d4	7.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol	102	C6H14O	000623-37-0	36
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23





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Instrument : BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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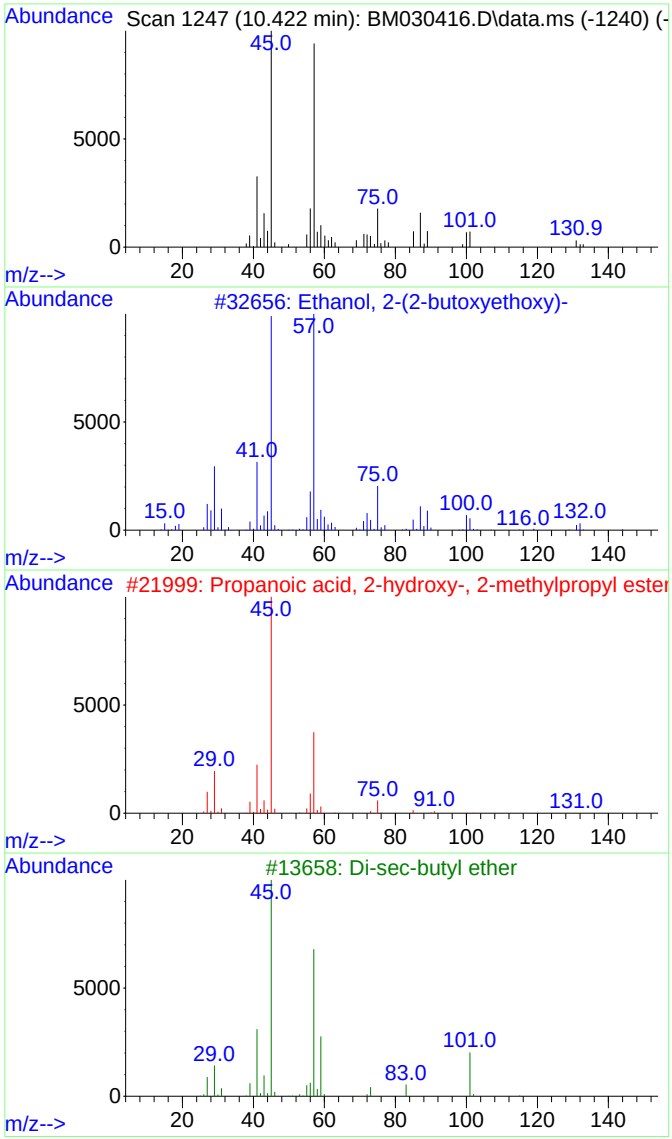
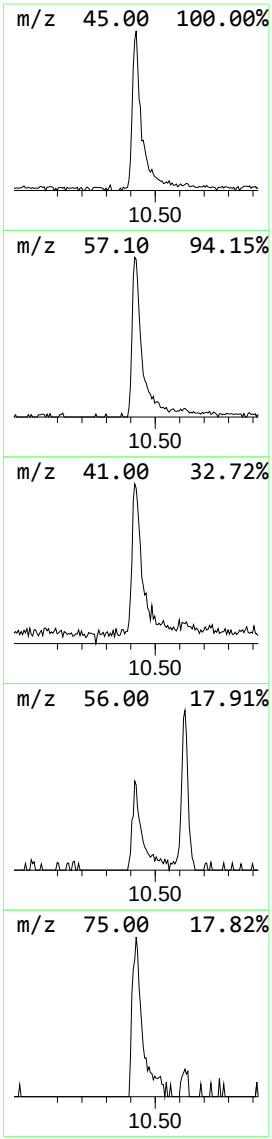
****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.422	2.17 ng	123727	Naphthalene-d8	10.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	59
3	Di-sec-butyl ether	130	C8H18O	006863-58-7	53
4	Diisopropyl ether	102	C6H14O	000108-20-3	50
5	2-Hexanol, 5-methyl-	116	C7H16O	000627-59-8	47





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Instrument : BNA_M
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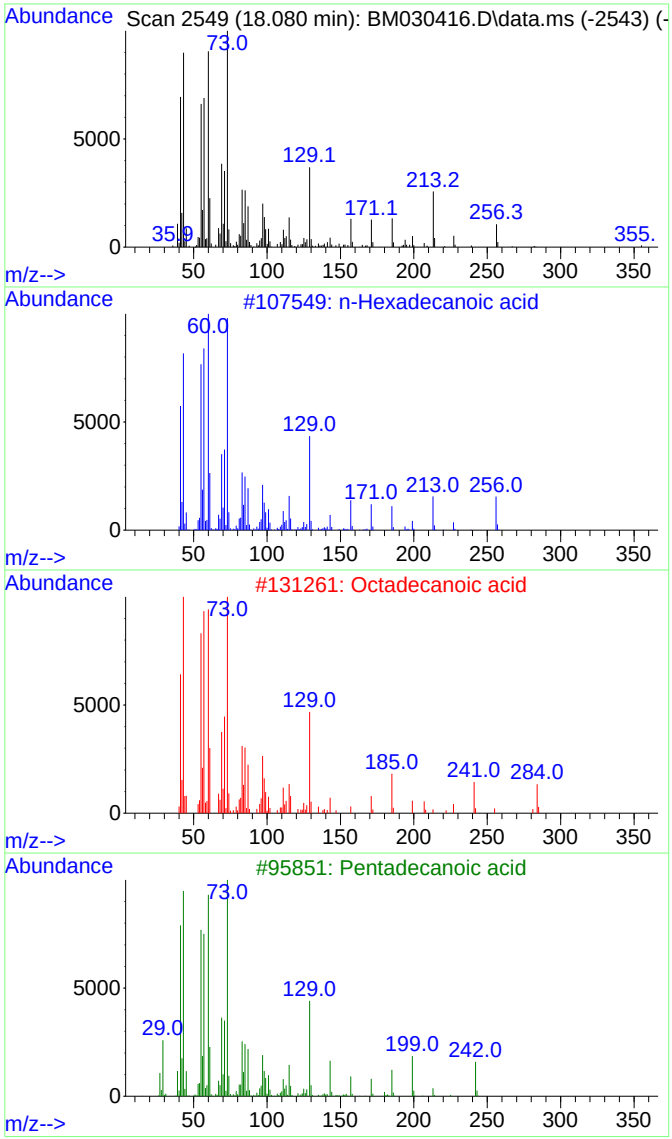
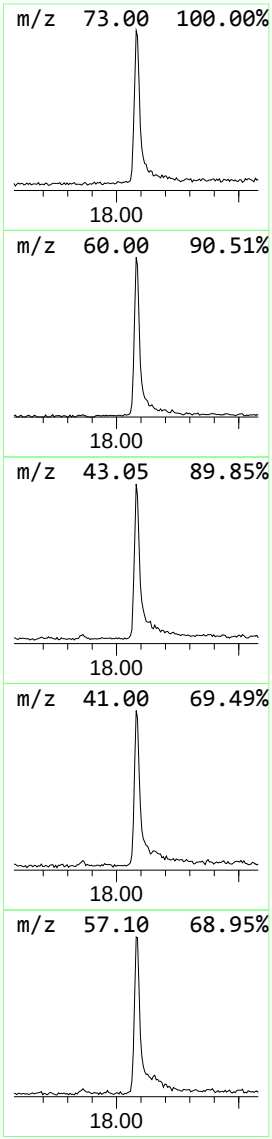
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	5.42 ng	445586	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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Instrument : BNA_M
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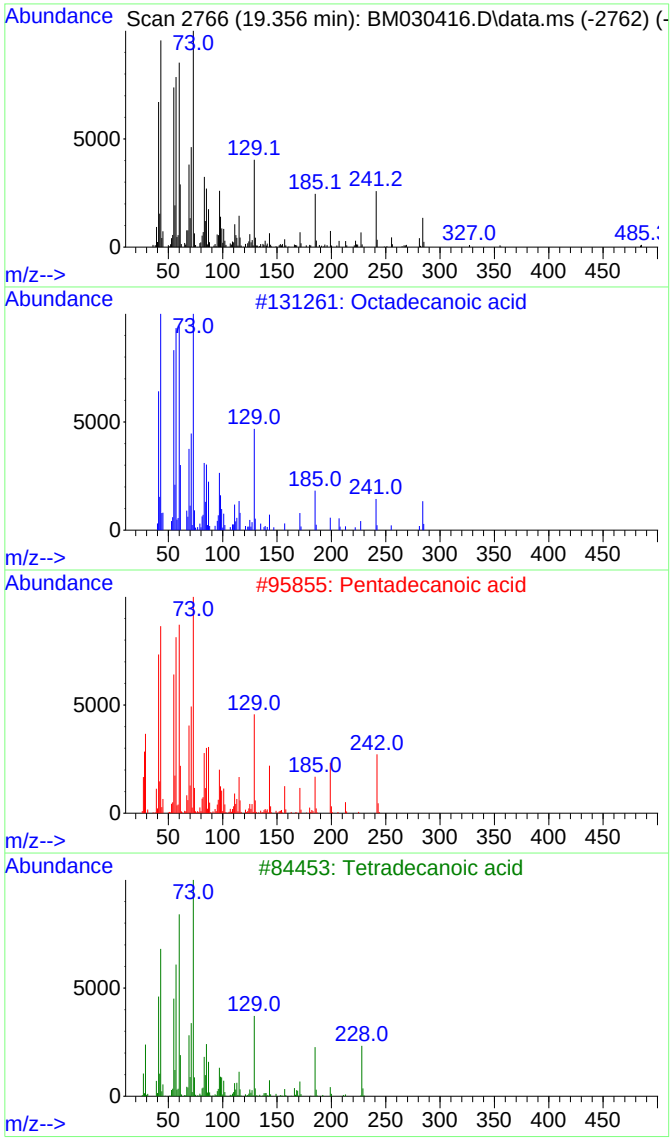
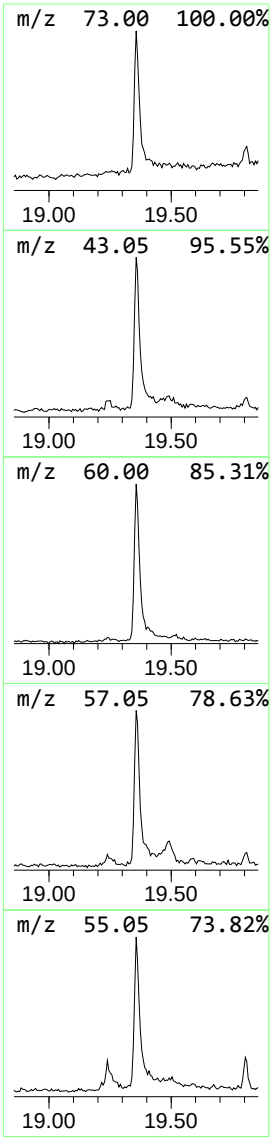
Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.356	3.97 ng	445139	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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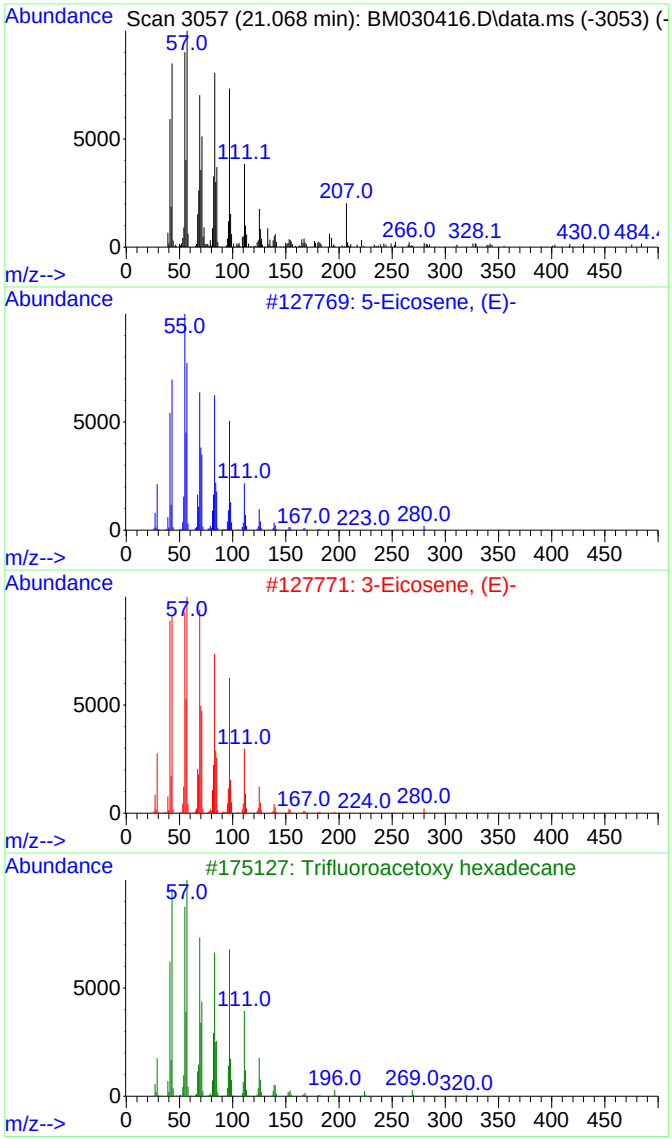
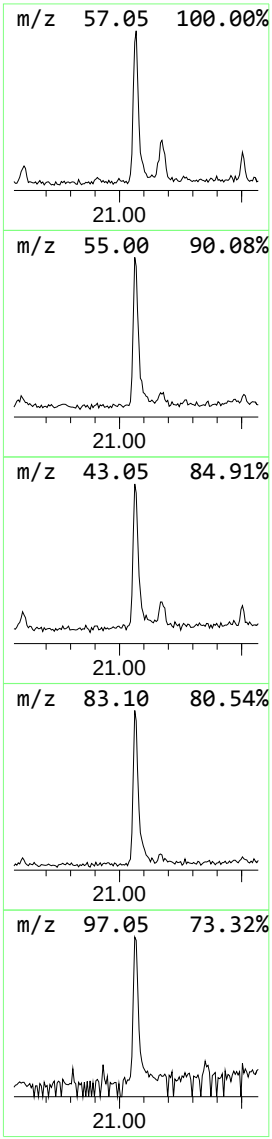
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.068	2.44 ng	273875	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	92





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.963	2.2	ng	97196	1	7.834	886183	20.0
Ethanol, 2-(2-b...	10.422	2.2	ng	123727	2	10.622	1139040	20.0
n-Hexadecanoic ...	18.080	5.4	ng	445586	4	17.192	1645680	20.0
Octadecanoic acid	19.356	4.0	ng	445139	5	21.356	2240560	20.0
5-Eicosene, (E)-	21.068	2.4	ng	273875	5	21.356	2240560	20.0