LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033655.D
Acq On : 05 Jan 2022 22:27
Operator : CG/JU
Sample : N1010-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20211310-CAPE-4-SITE-WATER

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-BM010522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033655.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.525	382	389	401	rBV	1708564	2482772	21.95%	4.901%
2	7.131	655	662	672	rBV	1260083	1957940	17.31%	3.865%
3	7.984	800	807	814	rBV	565822	882770	7.80%	1.743%
4	9.148	996	1005	1013	rBV	2422425	4011112	35.46%	7.918%
5	10.577	1240	1248	1260	rBV	424622	665525	5.88%	1.314%
6	10.801	1277	1286	1294	rBV	757751	1288522	11.39%	2.543%
7	13.254	1695	1703	1710	rBV	6466792	9282961	82.06%	18.324%
8	13.530	1744	1750	1758	rBV	258777	393165	3.48%	0.776%
9	14.618	1928	1935	1943	rBV	1213883	1826117	16.14%	3.605%
10	16.101	2181	2187	2200	rVB	4961404	6811941	60.22%	13.446%
11	17.359	2393	2401	2406	rBV	1621853	2321172	20.52%	4.582%
12	18.036	2511	2516	2523	rBV	163600	199281	1.76%	0.393%
13	18.253	2548	2553	2562	rBV	219368	315247	2.79%	0.622%
14	19.206	2710	2715	2719	rBV	491417	552837	4.89%	1.091%
15	19.336	2733	2737	2741	rBV	151390	167895	1.48%	0.331%
16	19.524	2765	2769	2777	rBV	156493	218361	1.93%	0.431%
17	19.971	2839	2845	2850	rBV	9336837	11312238	100.00%	22.330%
18	21.236	3056	3060	3066	rBV	243327	328956	2.91%	0.649%
19	21.518	3103	3108	3116	rVB	2201421	2761934	24.42%	5.452%
20	23.947	3514	3521	3531	rVB2	1401770	2879076	25.45%	5.683%

Sum of corrected areas: 50659822

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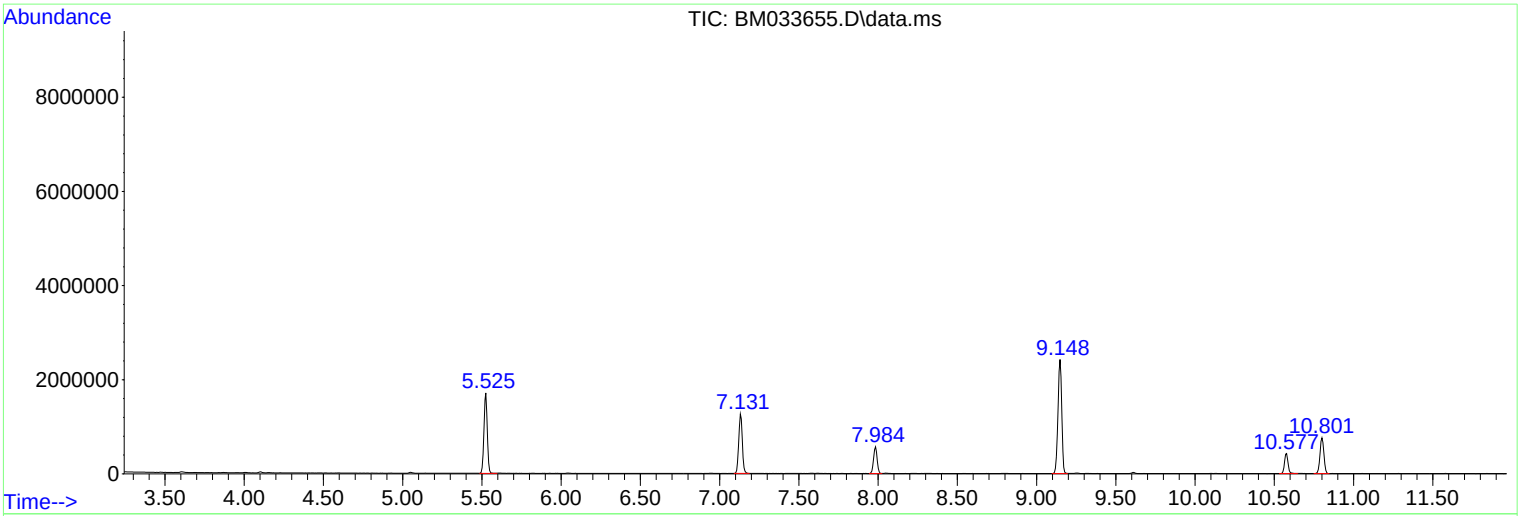
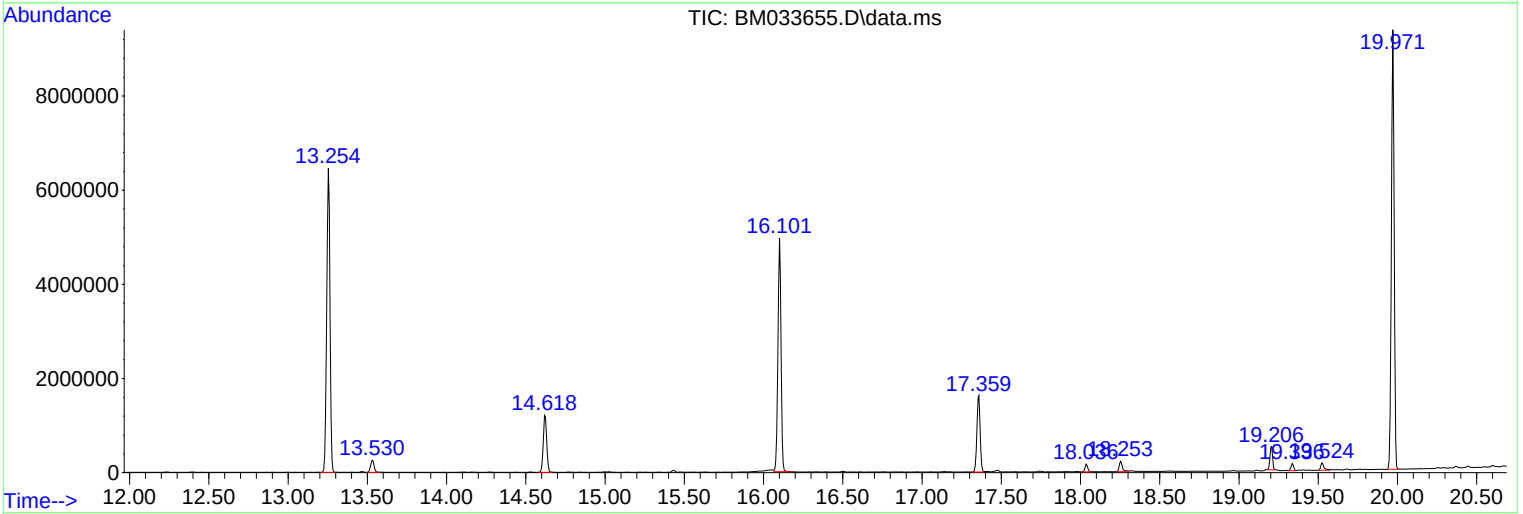
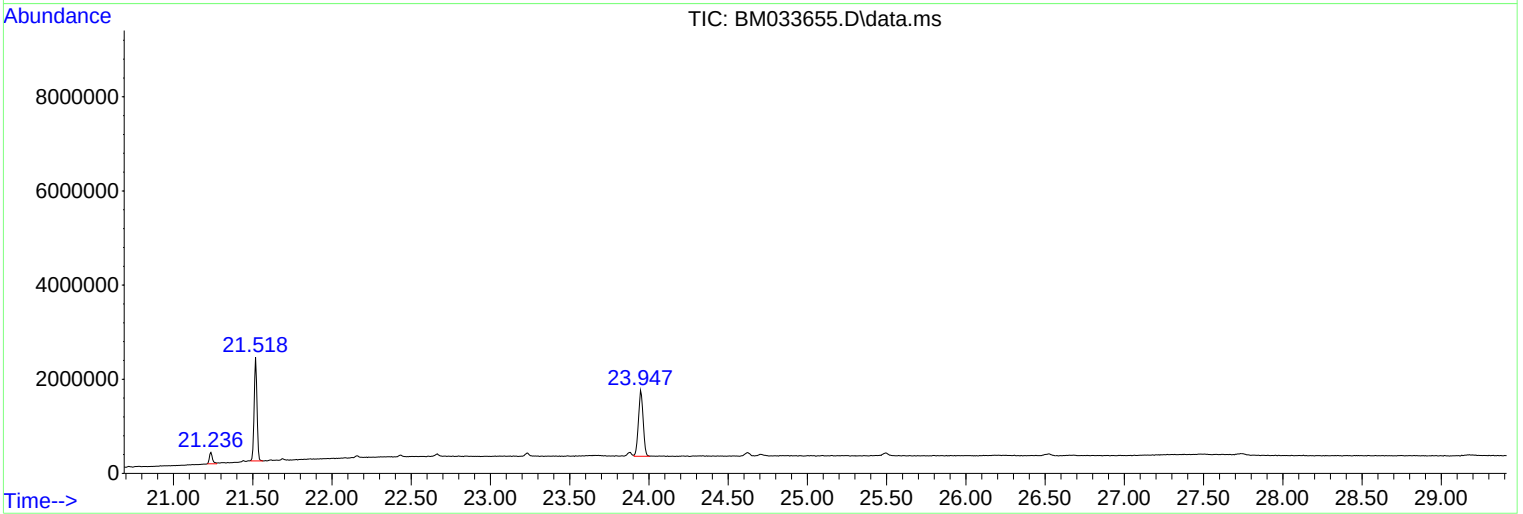
BNA_M
ClientSampleId :
20211310-CAPE-4-SITE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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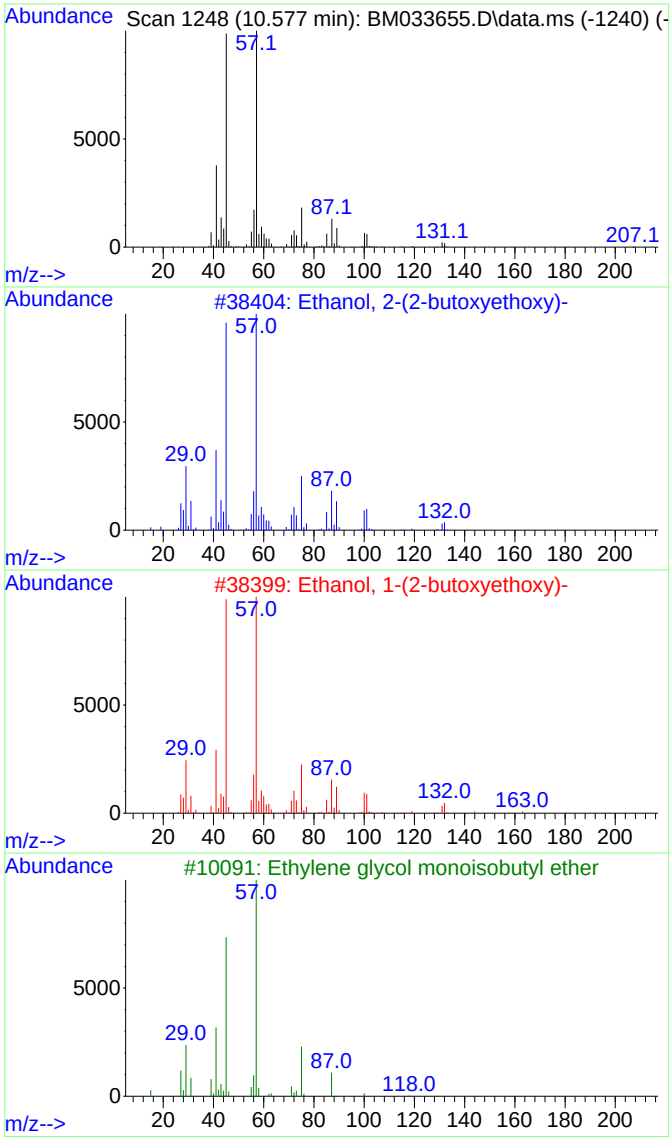
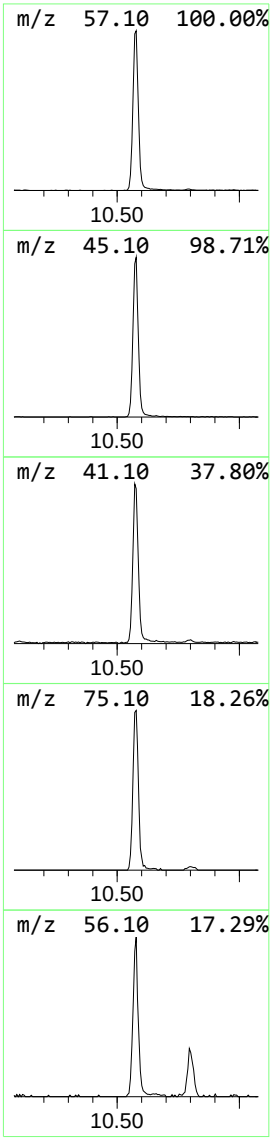
****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.578	10.33 ng	665525	Naphthalene-d8	10.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53





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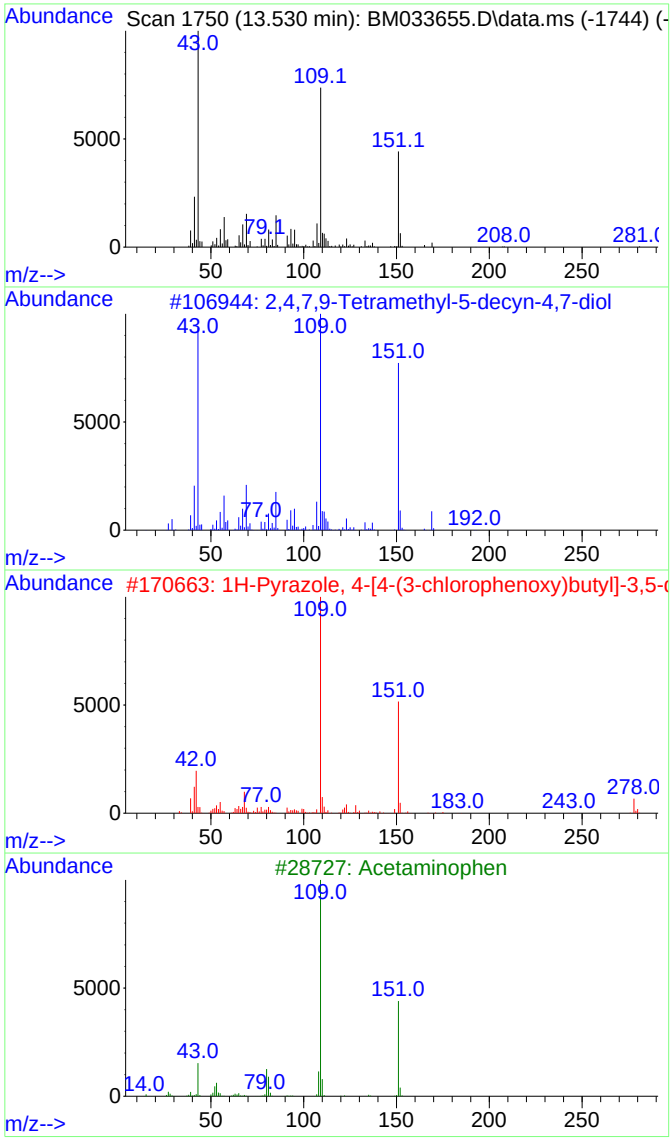
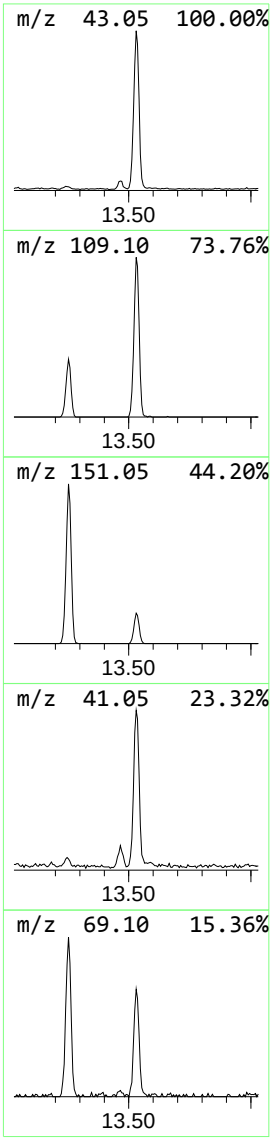
****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.530	4.31 ng	393165	Acenaphthene-d10	14.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	1H-Pyrazole, 4-[4-(3-chloropheno...	278	C15H19ClN2O	1010302-33-9	64
3	Acetaminophen	151	C8H9NO2	000103-90-2	59
4	Metacetamol	151	C8H9NO2	000621-42-1	59
5	Diacetamate	193	C10H11NO3	002623-33-8	59





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Sample : N1010-04
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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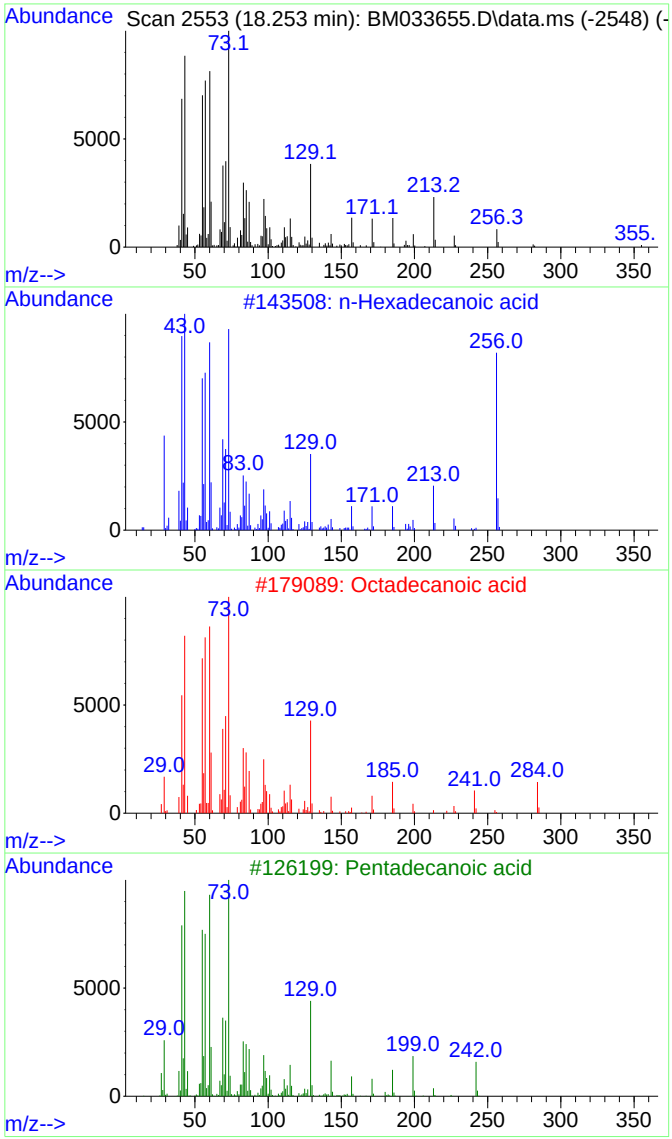
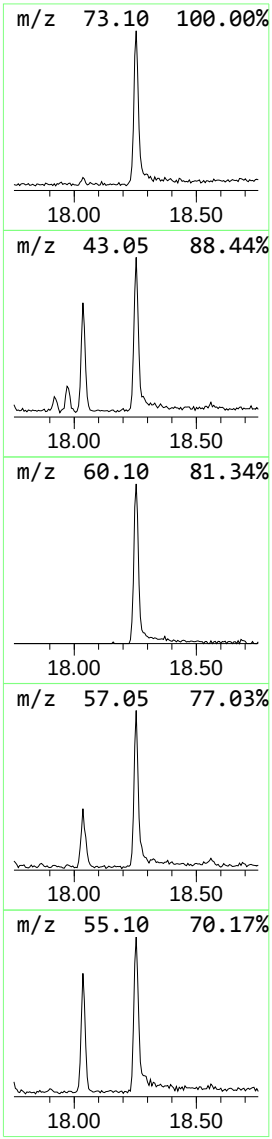
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.253	2.72 ng	315247	Phenanthrene-d10	17.359

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	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
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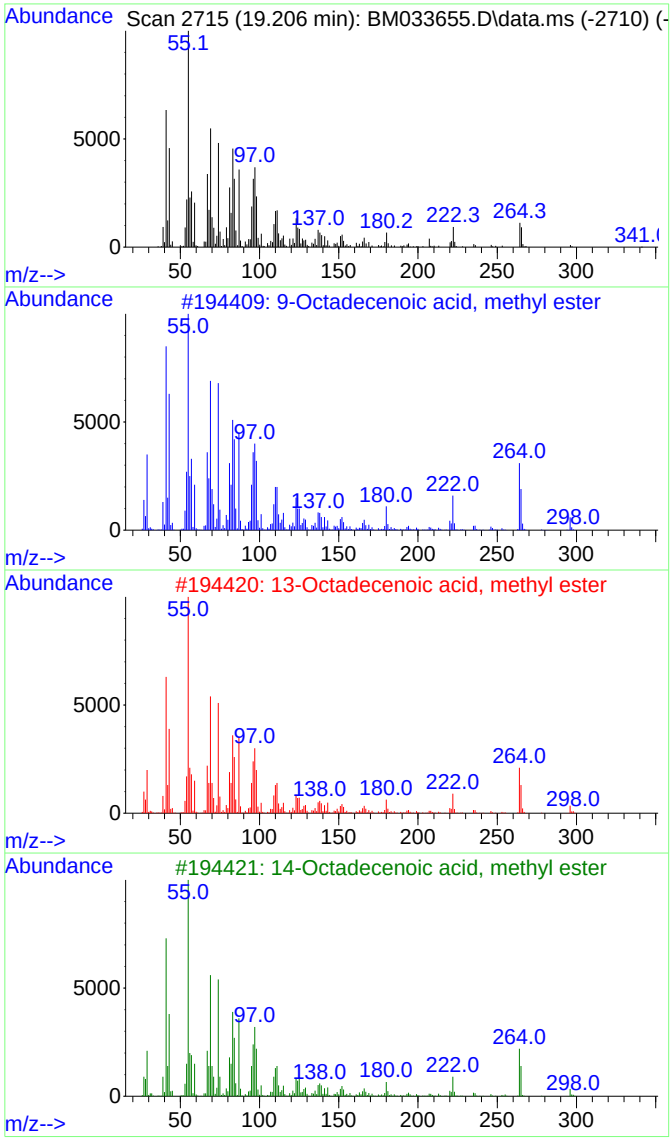
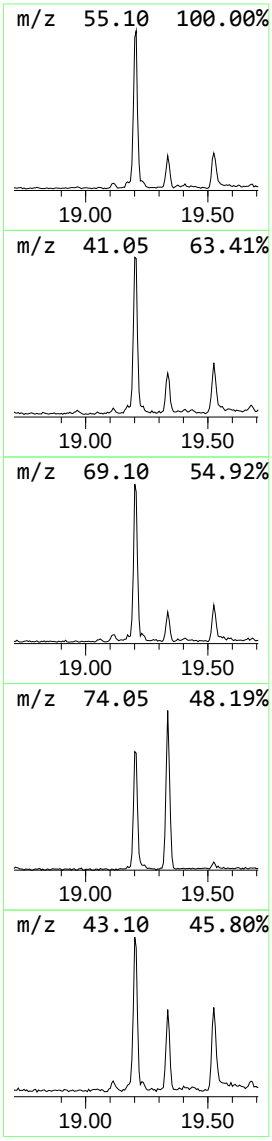
****
Peak Number 4 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.206	4.76 ng	552837	Phenanthrene-d10	17.359

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99





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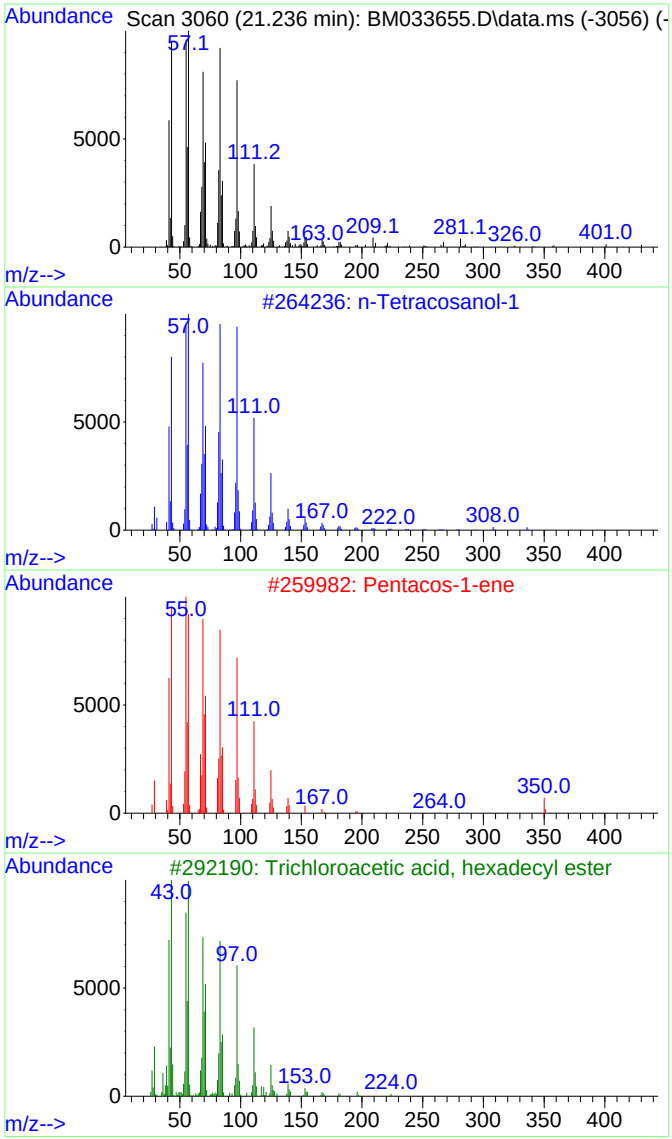
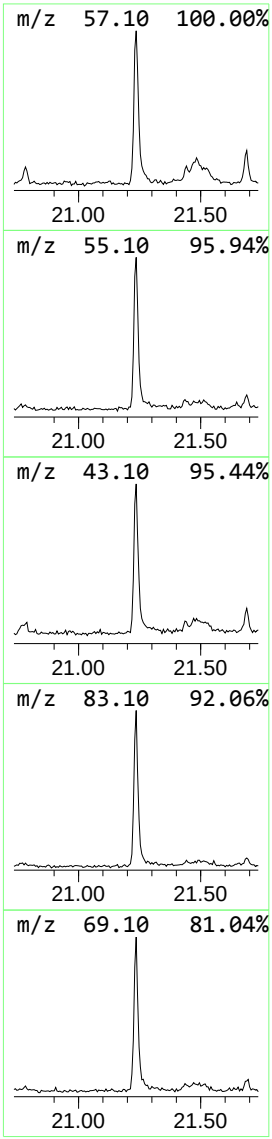
****

Peak Number 5 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.236	2.38 ng	328956	Chrysene-d12	21.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.578	10.3	ng	665525	2	10.801	1288520	20.0
2,4,7,9-Tetrame...	13.530	4.3	ng	393165	3	14.618	1826120	20.0
n-Hexadecanoic ...	18.253	2.7	ng	315247	4	17.359	2321170	20.0
9-Octadecenoic ...	19.206	4.8	ng	552837	4	17.359	2321170	20.0
n-Tetracosanol-1	21.236	2.4	ng	328956	5	21.518	2761930	20.0