LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030358.D
Acq On : 10 Jun 2021 00:55
Operator : CG/JU
Sample : M2626-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 18-B12-DUP-01

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: BM030358.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.975	315	321	331	rBV2	169035	268304	1.58%	0.353%
2	5.428	391	398	409	rBV	4679862	6785223	40.00%	8.934%
3	7.010	659	667	681	rBV	4828461	7544951	44.47%	9.934%
4	7.845	802	809	818	rBV	812822	1290094	7.60%	1.699%
5	9.004	995	1006	1017	rBV	2689868	4425973	26.09%	5.827%
6	10.410	1239	1245	1263	rBV	659066	1203392	7.09%	1.584%
7	10.634	1275	1283	1292	rVB	1135655	1908954	11.25%	2.513%
8	13.098	1694	1702	1712	rBV	6917032	10281722	60.61%	13.537%
9	14.469	1928	1935	1951	rVB	1894908	2819128	16.62%	3.712%
10	15.951	2181	2187	2209	rVB	6655727	9139254	53.87%	12.033%
11	17.204	2393	2400	2408	rBV	2518528	3558315	20.97%	4.685%
12	18.092	2545	2551	2561	rBV	500350	746985	4.40%	0.983%
13	19.362	2763	2767	2782	rBV	335133	527606	3.11%	0.695%
14	19.815	2838	2844	2850	rBV	13298728	16964957	100.00%	22.336%
15	21.074	3053	3058	3067	rBV	473485	790584	4.66%	1.041%
16	21.362	3102	3107	3113	rBV	3310281	4008312	23.63%	5.277%
17	23.644	3488	3495	3509	rVB2	1852517	3688300	21.74%	4.856%

Sum of corrected areas: 75952054

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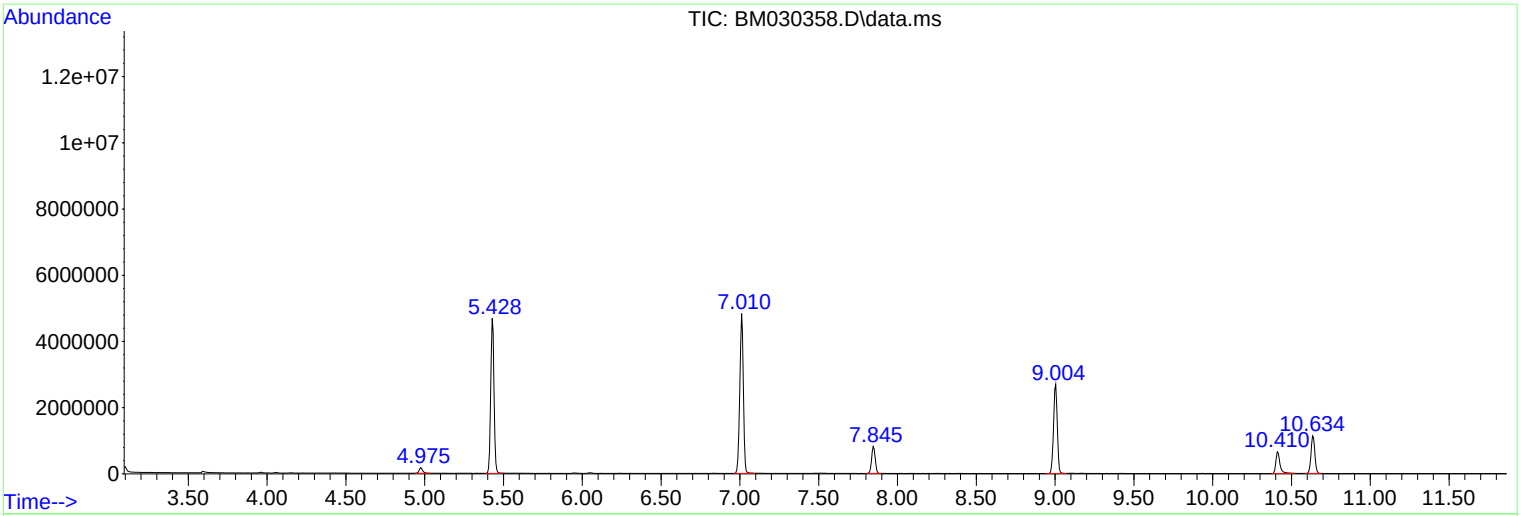
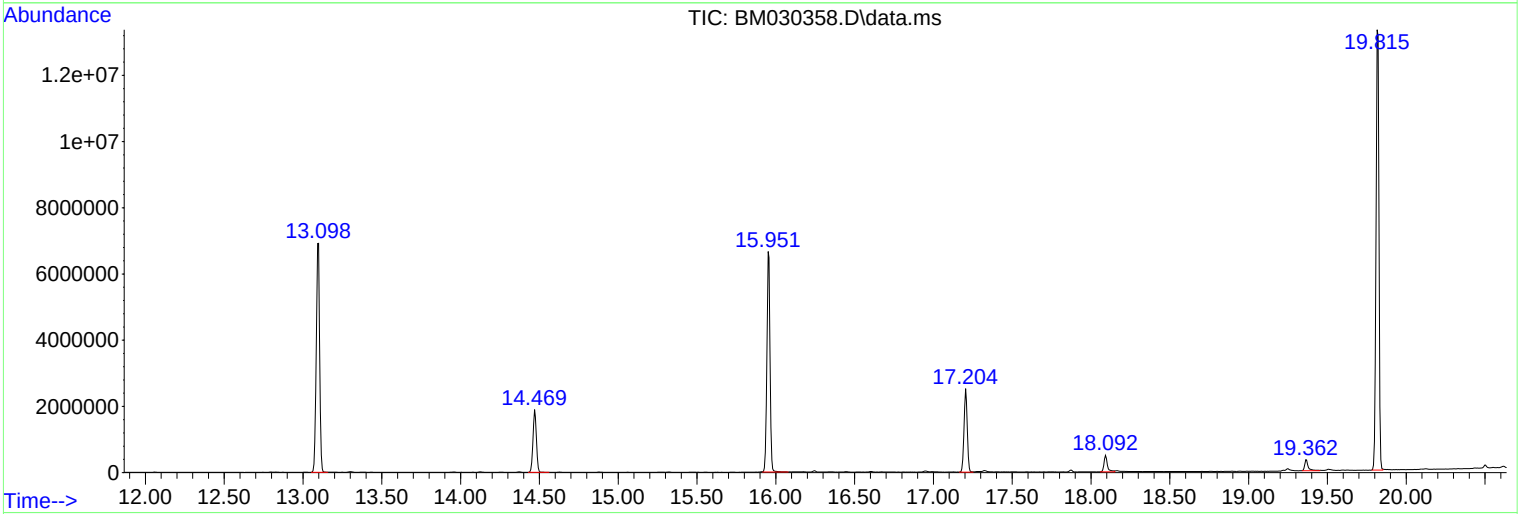
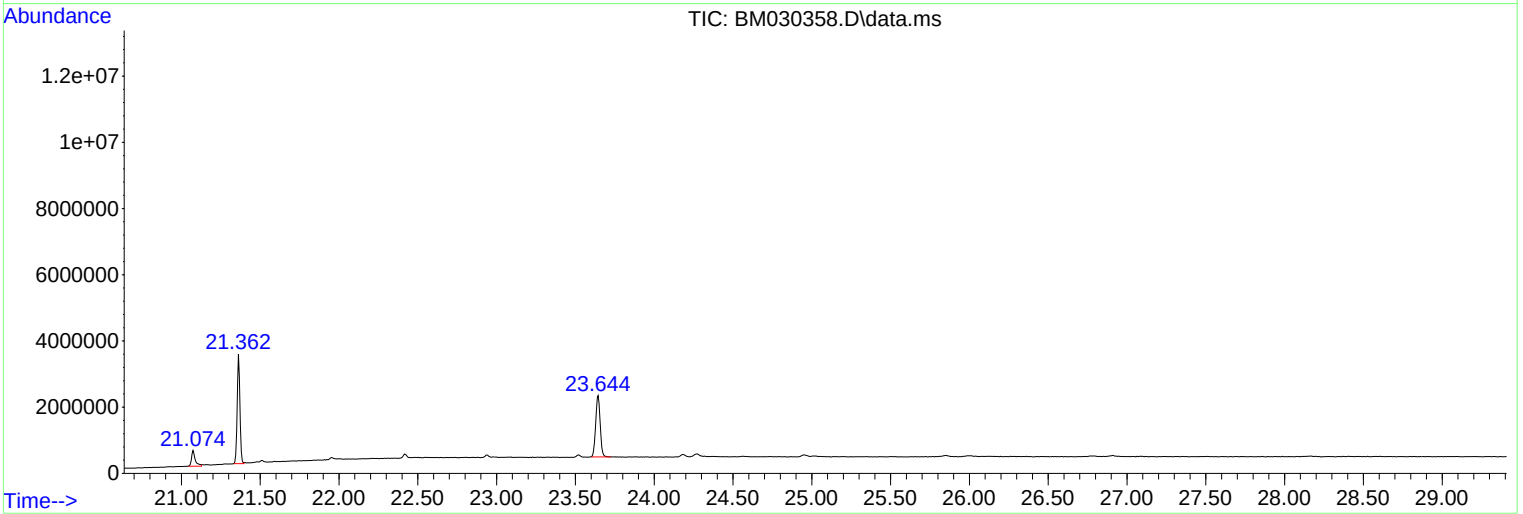
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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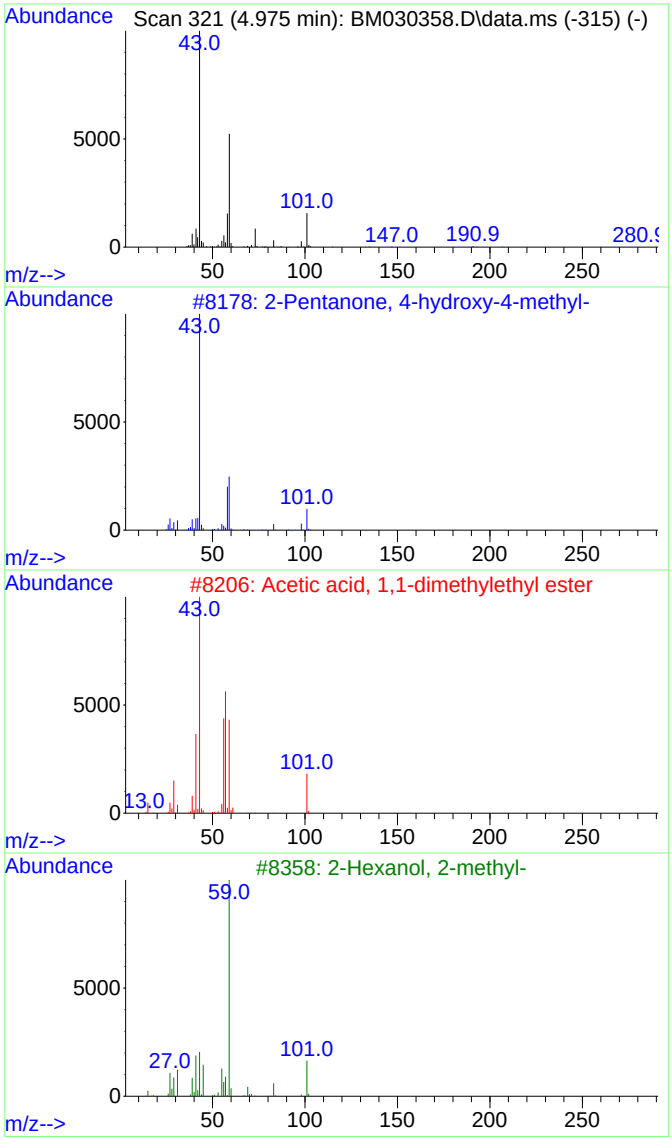
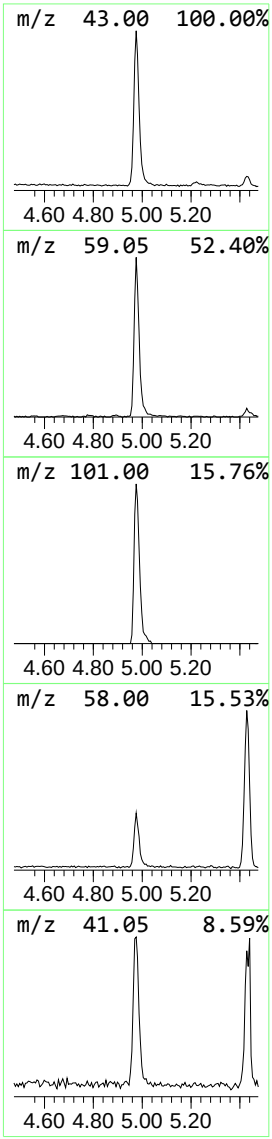
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	4.16 ng	268304	1,4-Dichlorobenzene-d4	7.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	3-Octanol	130	C8H18O	000589-98-0	25





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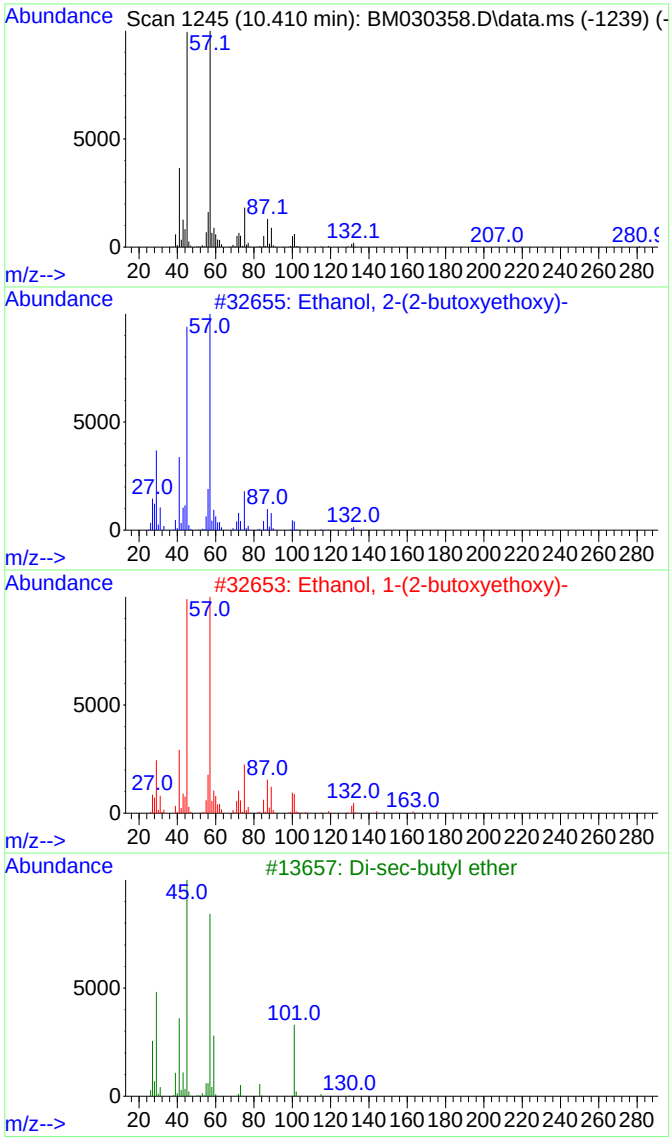
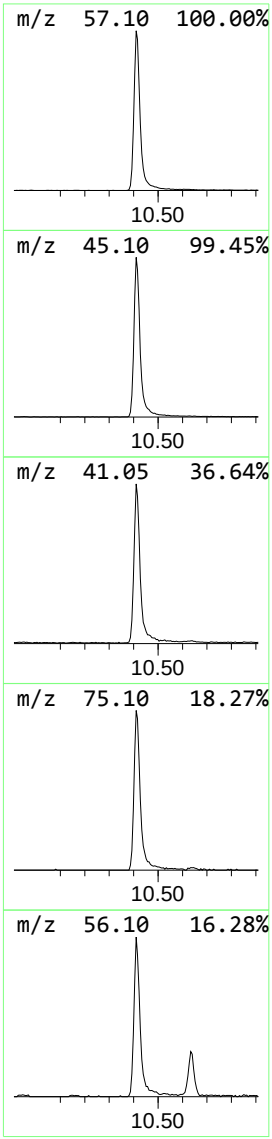
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.410	12.61 ng	1203390	Naphthalene-d8	10.634

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	83
3	Di-sec-butyl ether	130	C8H18O	006863-58-7	59
4	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	53
5	Propanoic acid, 2-hydroxy-, buty...	146	C7H14O3	000138-22-7	50





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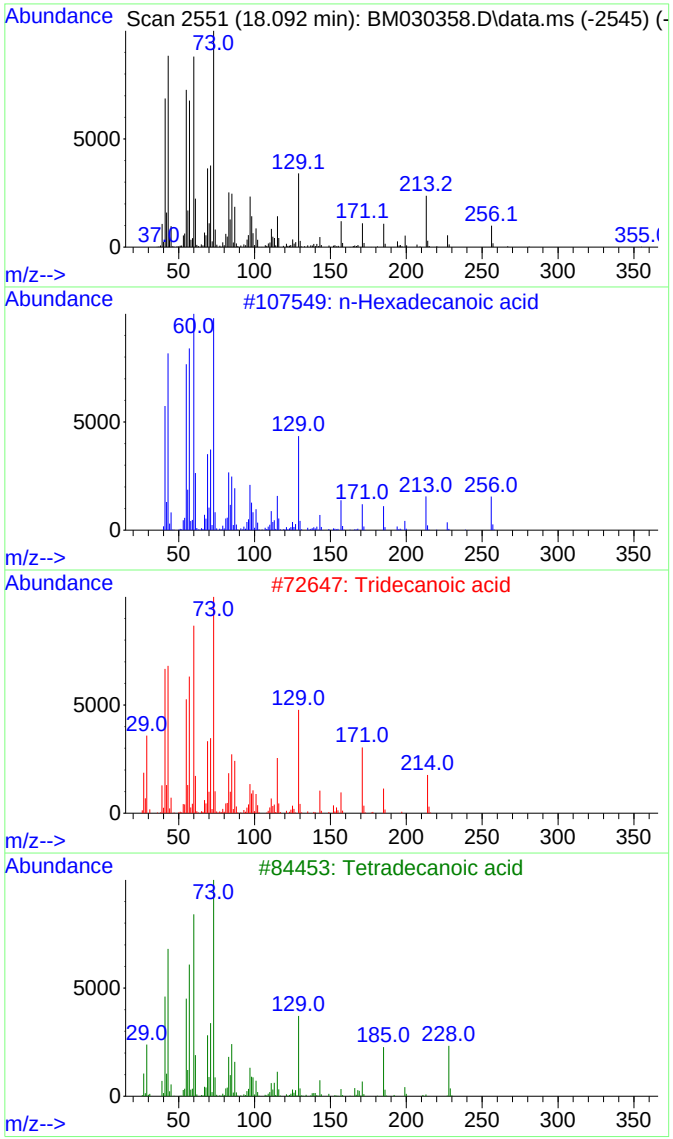
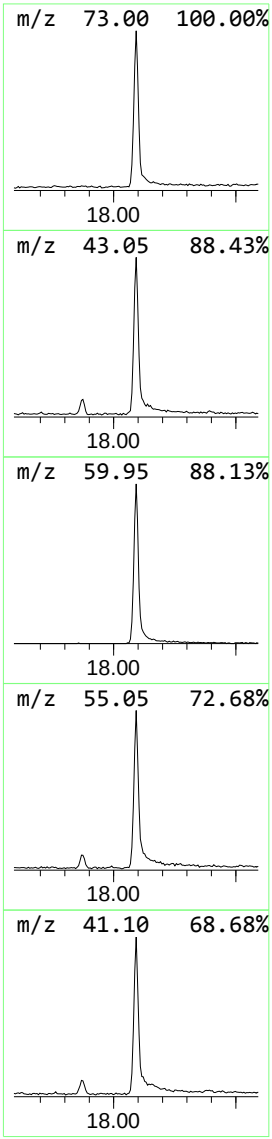
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	4.20 ng	746985	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





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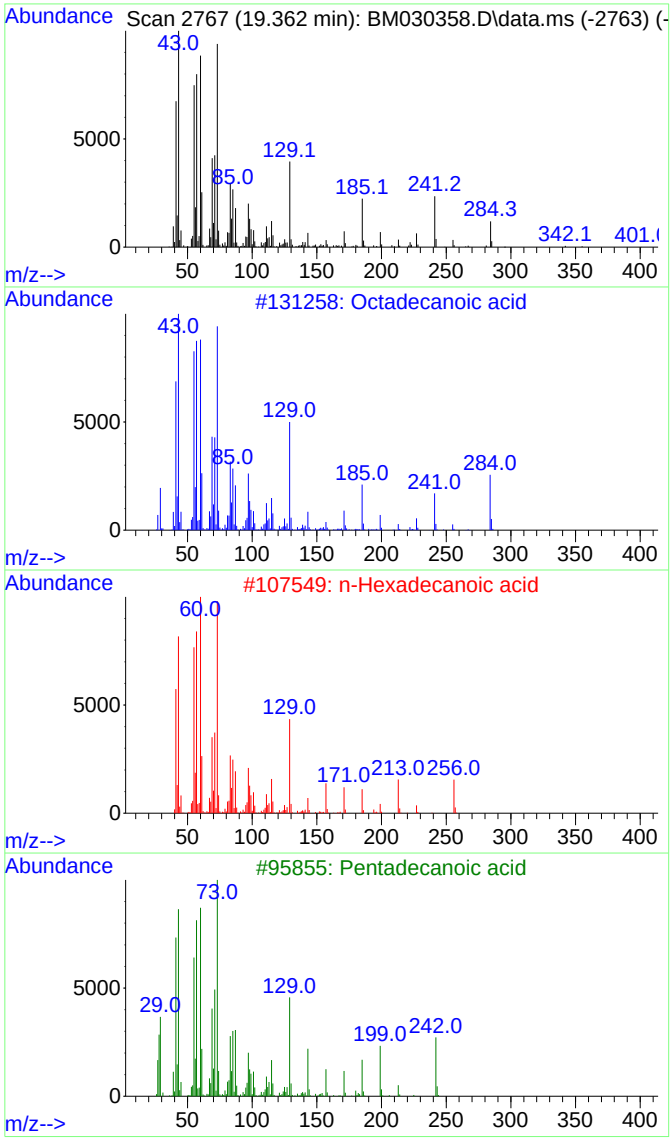
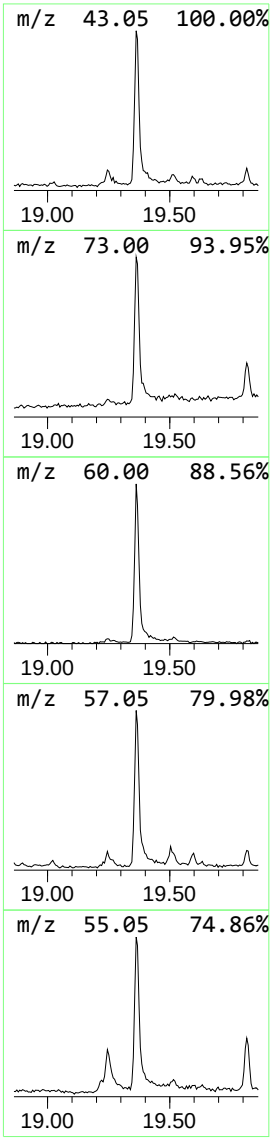
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.362	2.63 ng	527606	Chrysene-d12	21.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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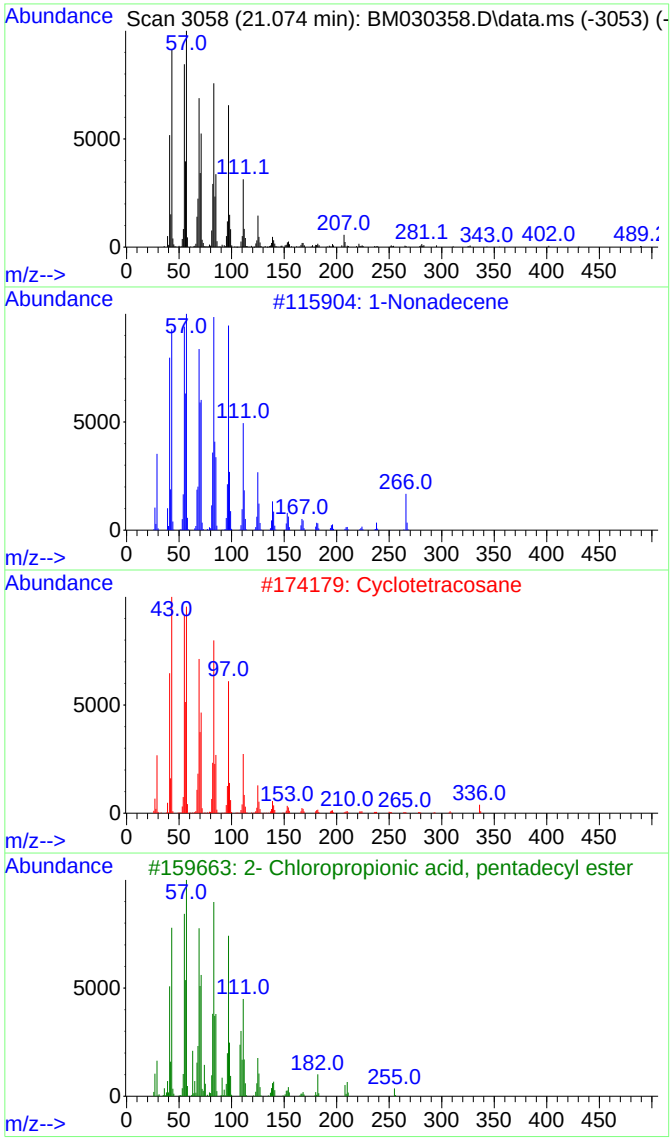
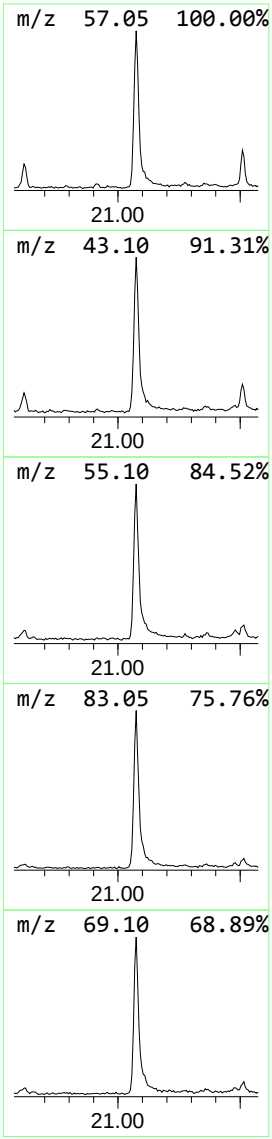
****

Peak Number 5 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.074	3.94 ng	790584	Chrysene-d12	21.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91





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-...	4.975	4.2	ng	268304	1	7.845	1290090	20.0
Ethanol, 2-(2-b...	10.410	12.6	ng	1203390	2	10.634	1908950	20.0
n-Hexadecanoic ...	18.092	4.2	ng	746985	4	17.204	3558320	20.0
Octadecanoic acid	19.362	2.6	ng	527606	5	21.362	4008310	20.0
1-Nonadecene	21.074	3.9	ng	790584	5	21.362	4008310	20.0