LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007033.D
Acq On : 17 Sep 2021 19:03
Operator : CG/JU
Sample : M3770-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NAPL-05-(29-31)

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_P\Methods\8270E-BP091621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007033.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.017	324	328	340	rBV	447274	621841	4.28%	0.875%
2	5.481	400	407	422	rBV	4650954	6841474	47.09%	9.627%
3	7.069	669	677	687	rBV	4375388	7011533	48.26%	9.866%
4	7.905	812	819	827	rBV	944729	1505477	10.36%	2.118%
5	9.069	1009	1017	1026	rBV	2576986	4295740	29.57%	6.045%
6	10.493	1253	1259	1271	rBV	153960	317313	2.18%	0.446%
7	10.704	1285	1295	1303	rBV	1192841	2028583	13.96%	2.854%
8	13.163	1705	1713	1727	rBV	6887744	10262170	70.63%	14.440%
9	14.534	1938	1946	1954	rBV	1793482	2632372	18.12%	3.704%
10	16.016	2192	2198	2216	rBV	5355692	7679722	52.86%	10.806%
11	17.281	2406	2413	2418	rBV	2116643	3140768	21.62%	4.419%
12	18.163	2558	2563	2573	rBV	390700	630430	4.34%	0.887%
13	19.280	2750	2753	2758	rVB	129582	170652	1.17%	0.240%
14	19.392	2768	2772	2782	rBV	194524	325368	2.24%	0.458%
15	19.633	2807	2813	2822	rVB2	130536	256490	1.77%	0.361%
16	19.833	2841	2847	2858	rBV	12016113	14529263	100.00%	20.445%
17	21.074	3053	3058	3066	rBV	412468	599188	4.12%	0.843%
18	21.357	3101	3106	3111	rBV	2917995	3738941	25.73%	5.261%
19	21.510	3129	3132	3137	rBV	200180	231126	1.59%	0.325%
20	21.974	3208	3211	3219	rVB	196027	249203	1.72%	0.351%
21	23.768	3510	3516	3533	rVB2	1873317	3999135	27.52%	5.627%

Sum of corrected areas: 71066789

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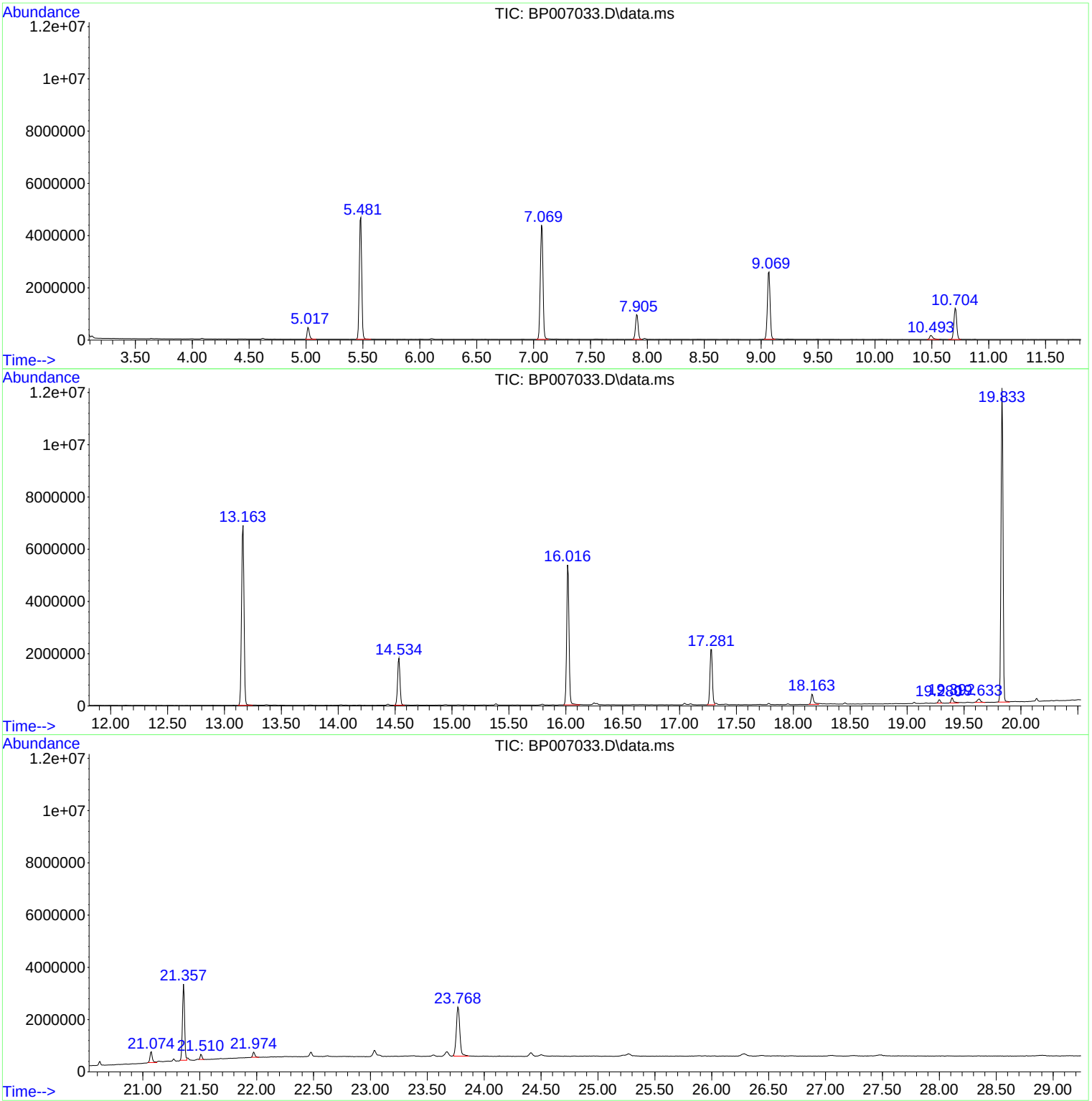
Instrument :
BNA_P
ClientSampleId :
NAPL-05-(29-31)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.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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Data File : BP007033.D
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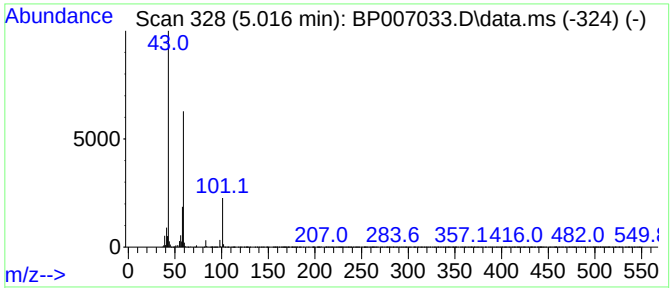
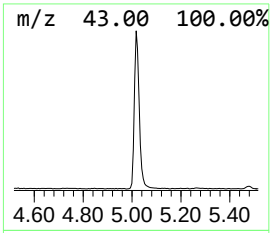
TIC Integration Parameters: LSCINT.P

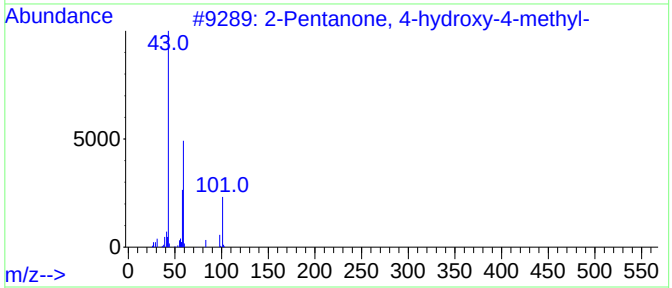
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

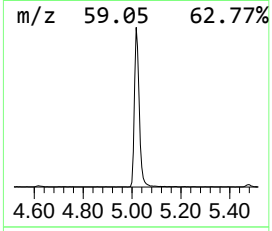
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.016	8.26 ng	621841	1,4-Dichlorobenzene-d4	7.905

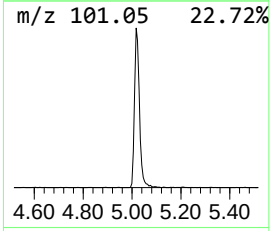
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,2-Butanediol	90	C4H10O2	000584-03-2	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10

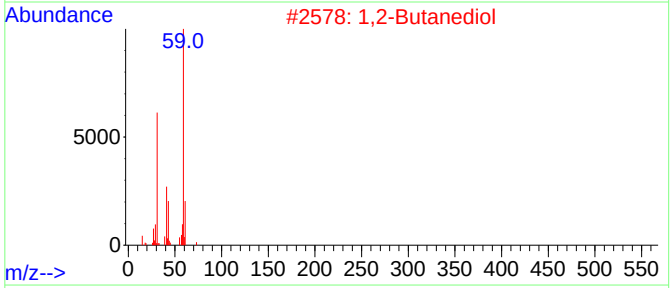


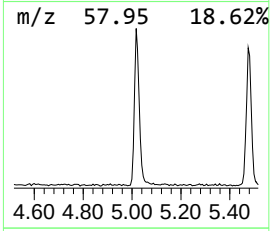


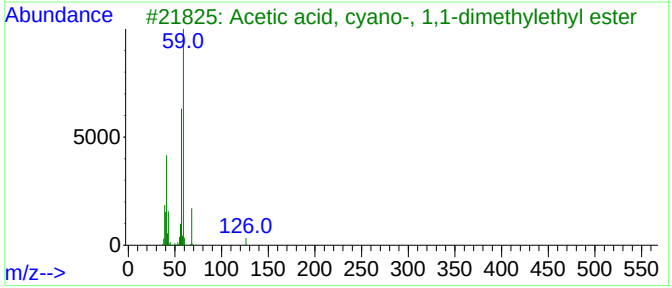


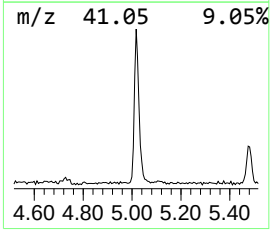












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ClientSampleId :
NAPL-05-(29-31)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.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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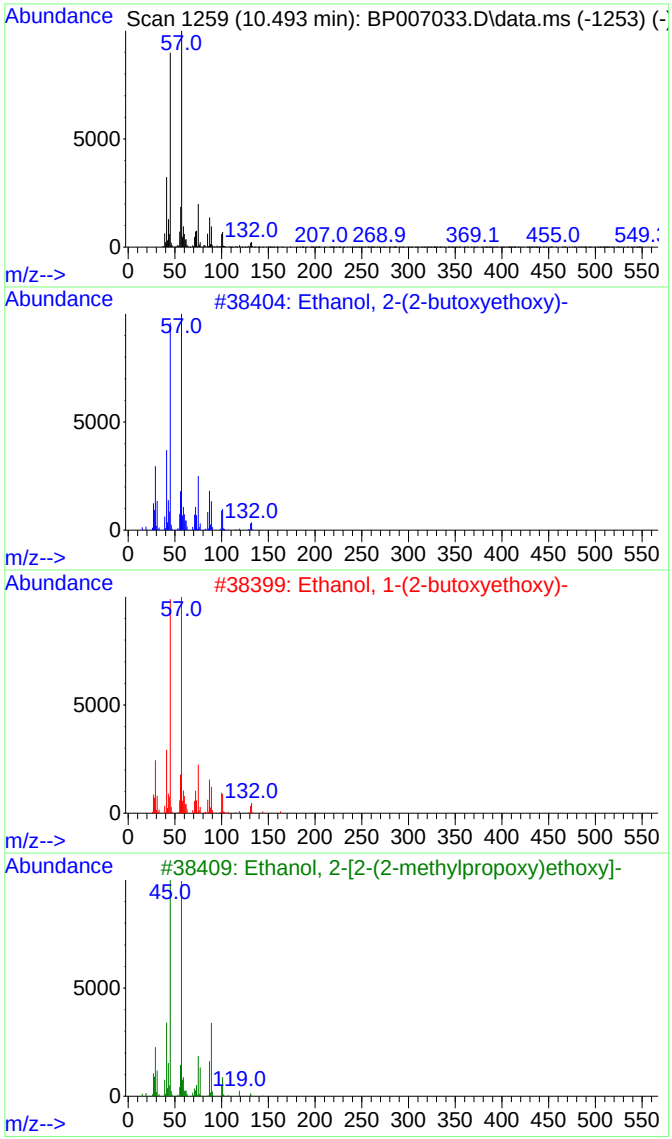
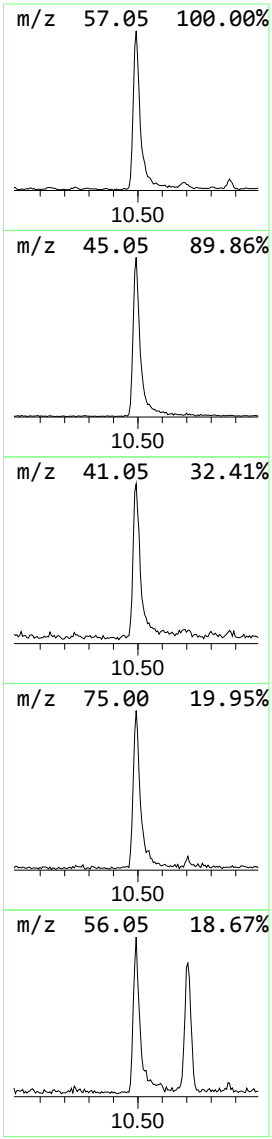
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.493	3.13 ng	317313	Naphthalene-d8	10.704

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	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	78
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52





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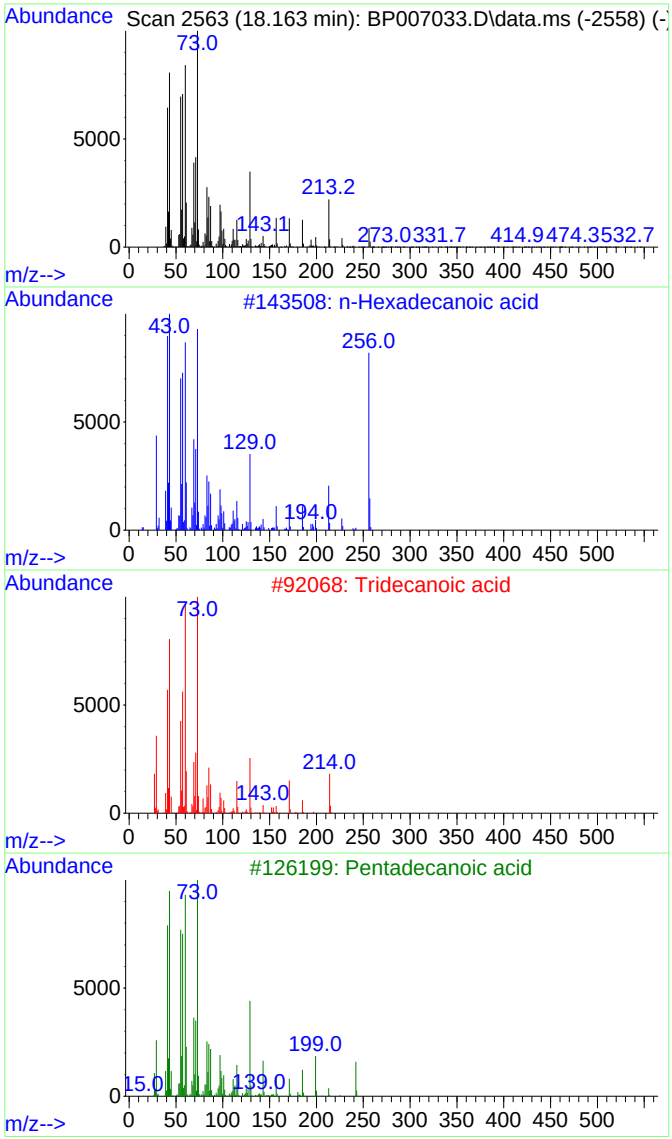
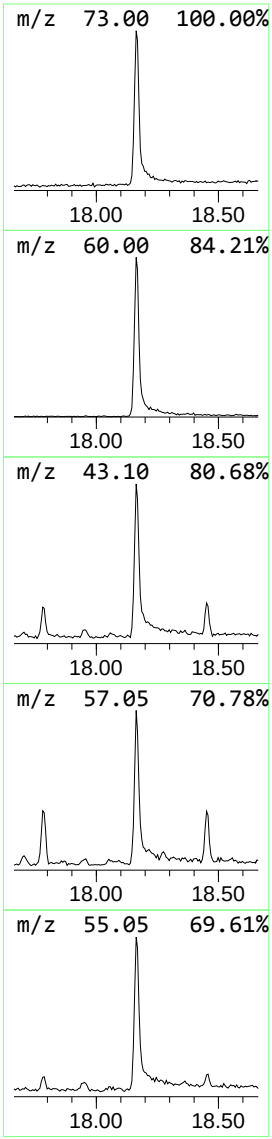
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	4.01 ng	630430	Phenanthrene-d10	17.275

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
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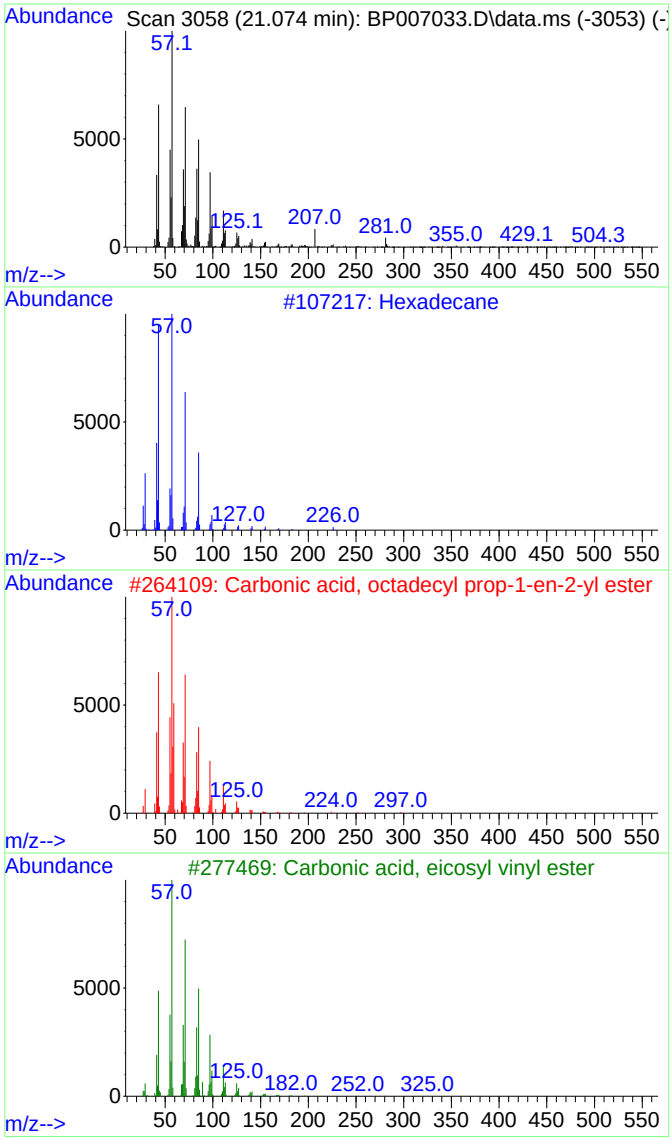
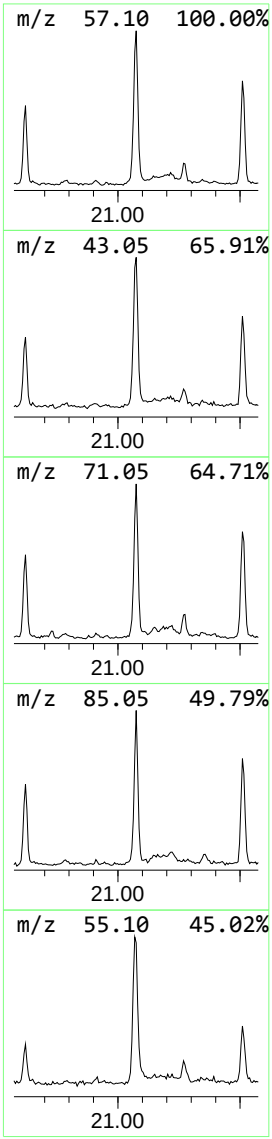
Peak Number 4 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.075	3.21 ng	599188	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
4	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	87
5	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	87





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.016	8.3	ng	621841	1	7.905	1505480	20.0
Ethanol, 2-(2-b...	10.493	3.1	ng	317313	2	10.704	2028580	20.0
n-Hexadecanoic ...	18.163	4.0	ng	630430	4	17.275	3140770	20.0
Hexadecane	21.075	3.2	ng	599188	5	21.357	3738940	20.0