LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
Data File : BF125544.D
Acq On : 21 Sep 2021 19:40
Operator : JU/CG
Sample : M3835-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-RR-01-(1.5)

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_F\METHODS\8270-BF092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125544.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	14	22	27	rBV	3118699	4215177	60.51%	9.967%
2	5.510	577	582	585	rBV	3097811	2739702	39.33%	6.478%
3	6.504	747	751	754	rBV	2004973	1752833	25.16%	4.145%
4	6.892	814	817	821	rVB	1472503	1249058	17.93%	2.953%
5	7.457	907	913	916	rBV	3510983	3566200	51.20%	8.432%
6	8.075	1014	1018	1021	rBV	1485538	1280905	18.39%	3.029%
7	8.175	1031	1035	1039	rBV	2003440	1764186	25.33%	4.171%
8	9.257	1213	1219	1222	rBV	7136456	6965615	100.00%	16.470%
9	9.933	1329	1334	1337	rBV	2557562	2076033	29.80%	4.909%
10	10.133	1363	1368	1375	rBV	219914	201314	2.89%	0.476%
11	10.721	1463	1468	1471	rBV	4389796	4144602	59.50%	9.800%
12	11.416	1582	1586	1590	rBV	2395078	2032019	29.17%	4.805%
13	11.810	1650	1653	1657	rVB	166882	139563	2.00%	0.330%
14	11.939	1671	1675	1684	rBV2	244910	252575	3.63%	0.597%
15	12.521	1771	1774	1776	rVB	139528	117735	1.69%	0.278%
16	12.727	1806	1809	1818	rBV	187136	177335	2.55%	0.419%
17	13.010	1852	1857	1860	rBV	6716900	6681026	95.91%	15.797%
18	13.898	2003	2008	2010	rBV2	231252	257462	3.70%	0.609%
19	13.921	2010	2012	2017	rVB	132897	122772	1.76%	0.290%
20	14.051	2030	2034	2038	rBV	1492294	1369836	19.67%	3.239%
21	15.533	2280	2286	2291	rBV2	987104	1186295	17.03%	2.805%

Sum of corrected areas: 42292243

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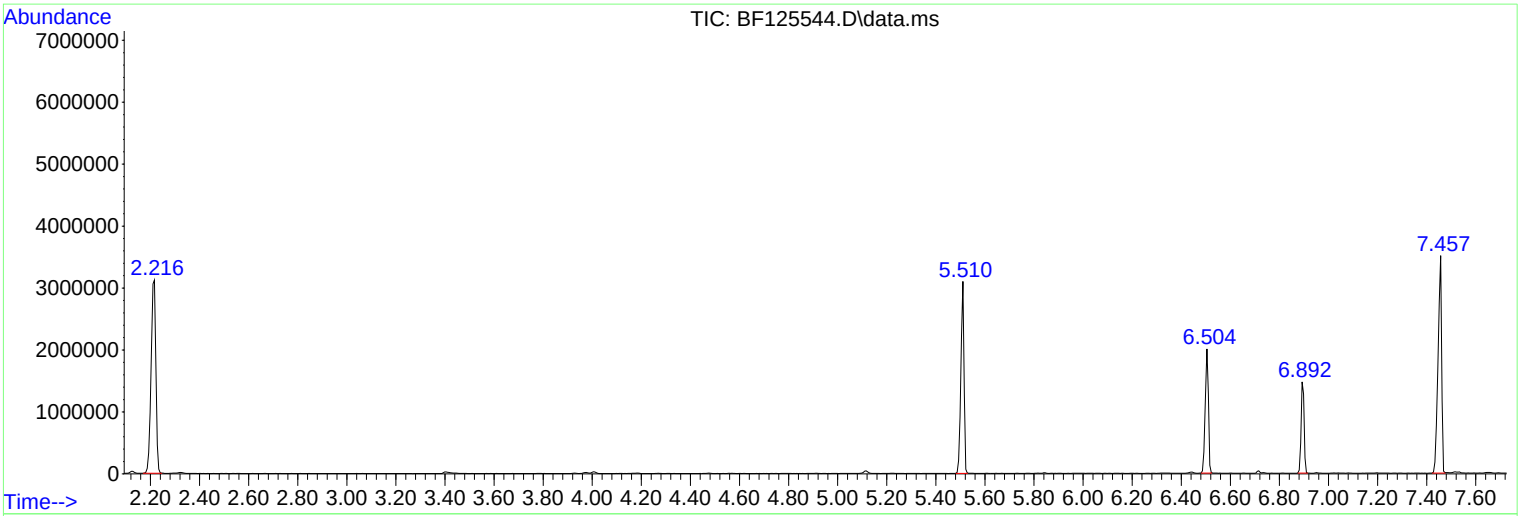
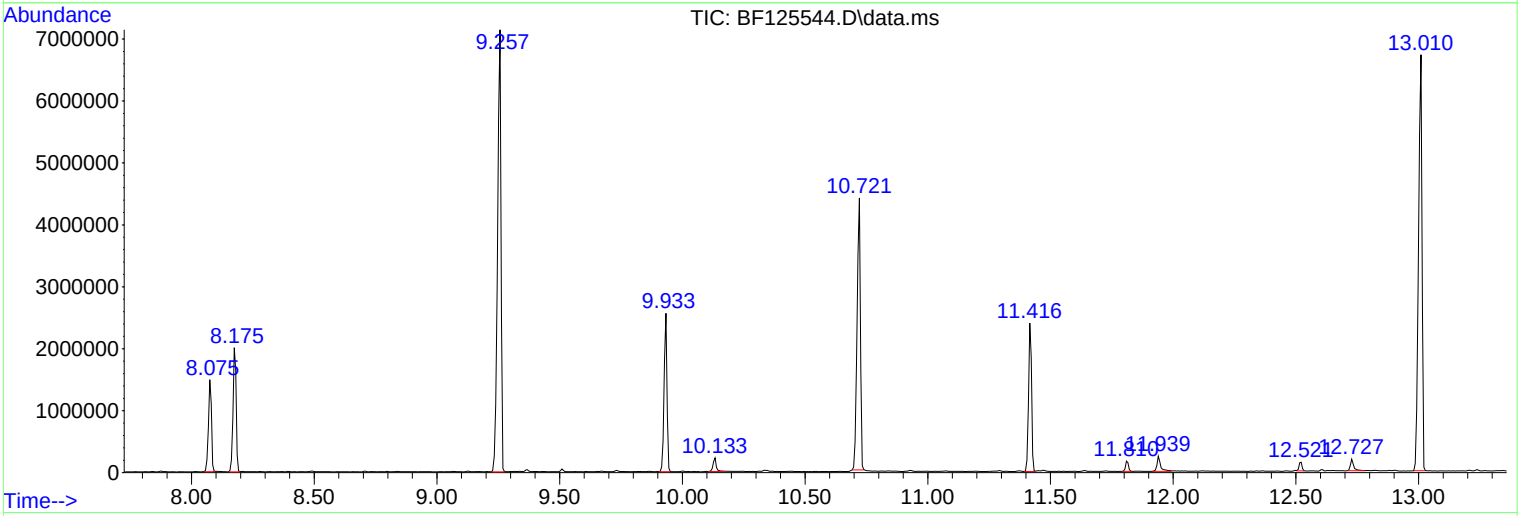
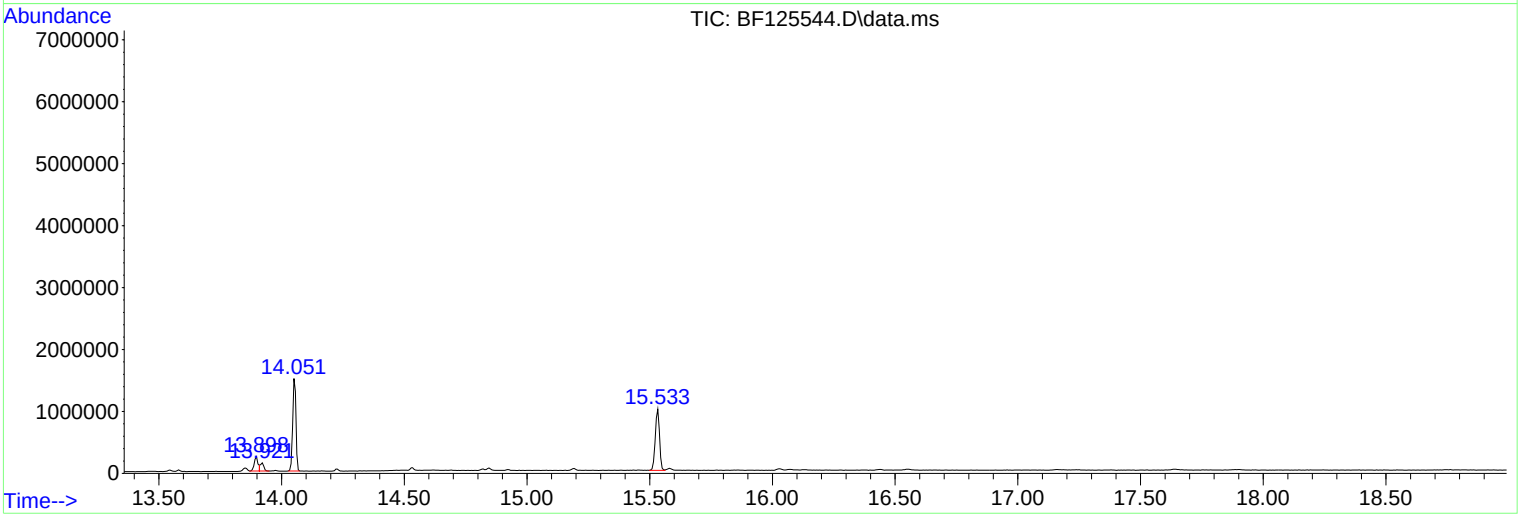
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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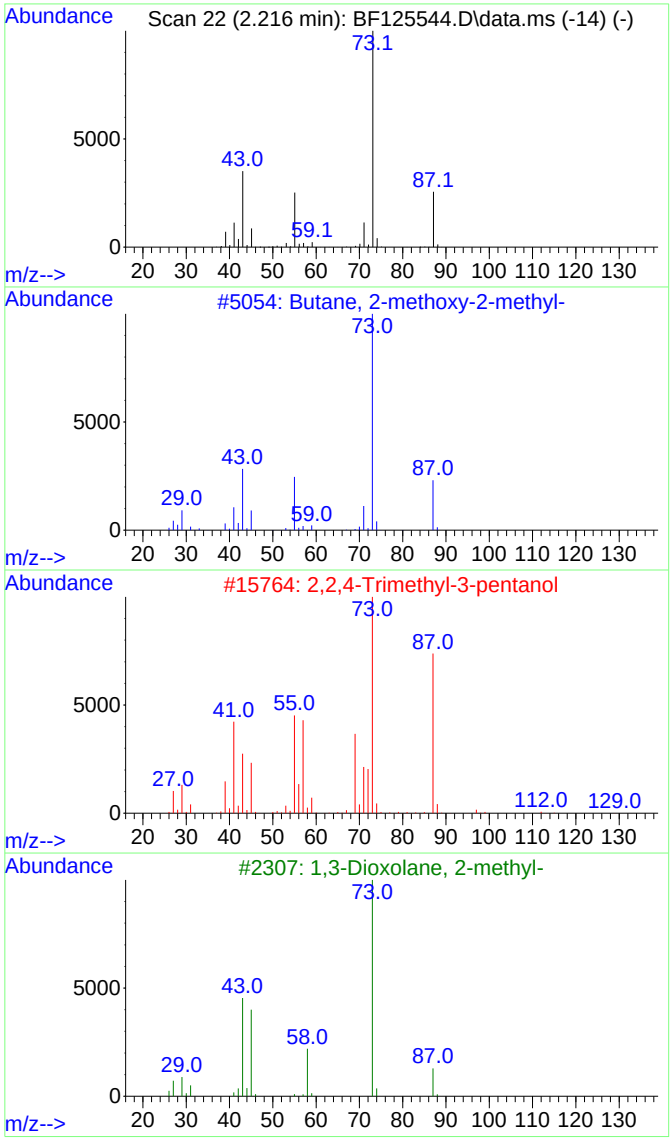
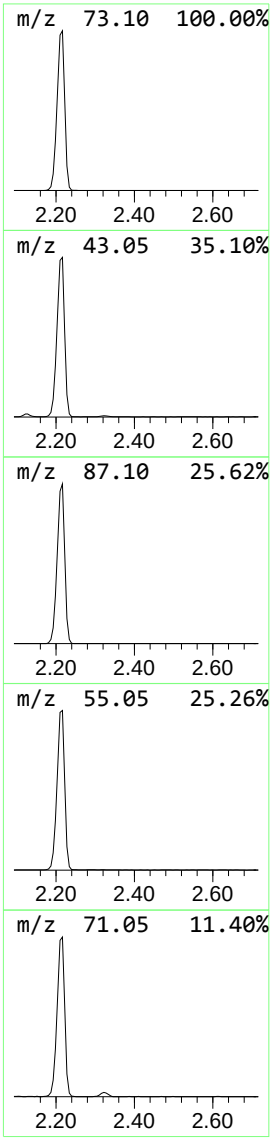
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.216	67.49 ng	4215180	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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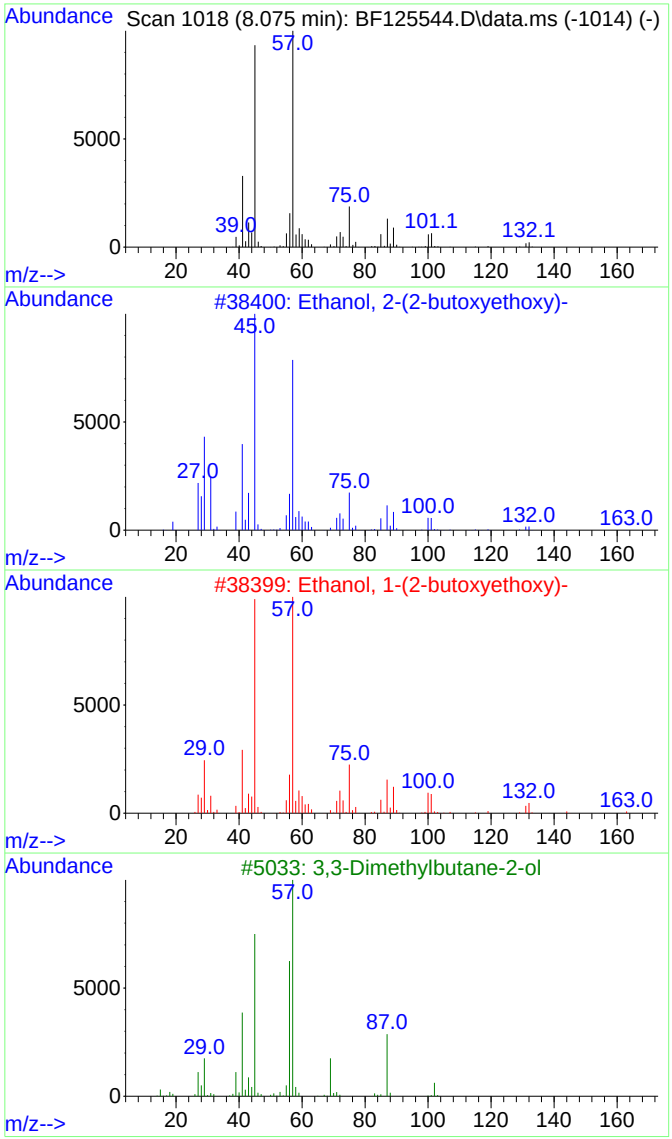
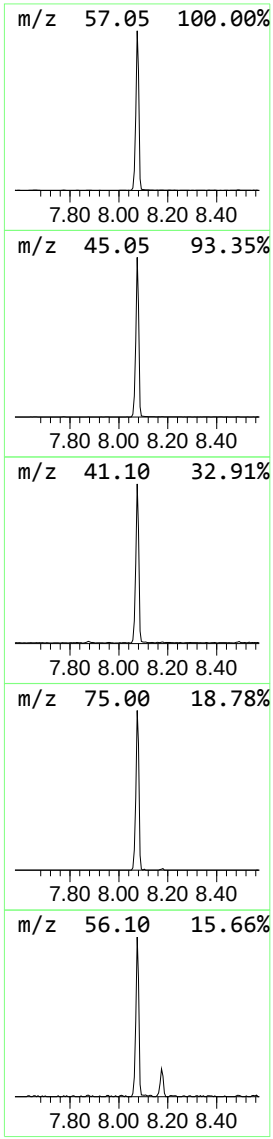
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	14.52 ng	1280910	Naphthalene-d8	8.175

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	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50





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Sample : M3835-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-RR-01-(1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
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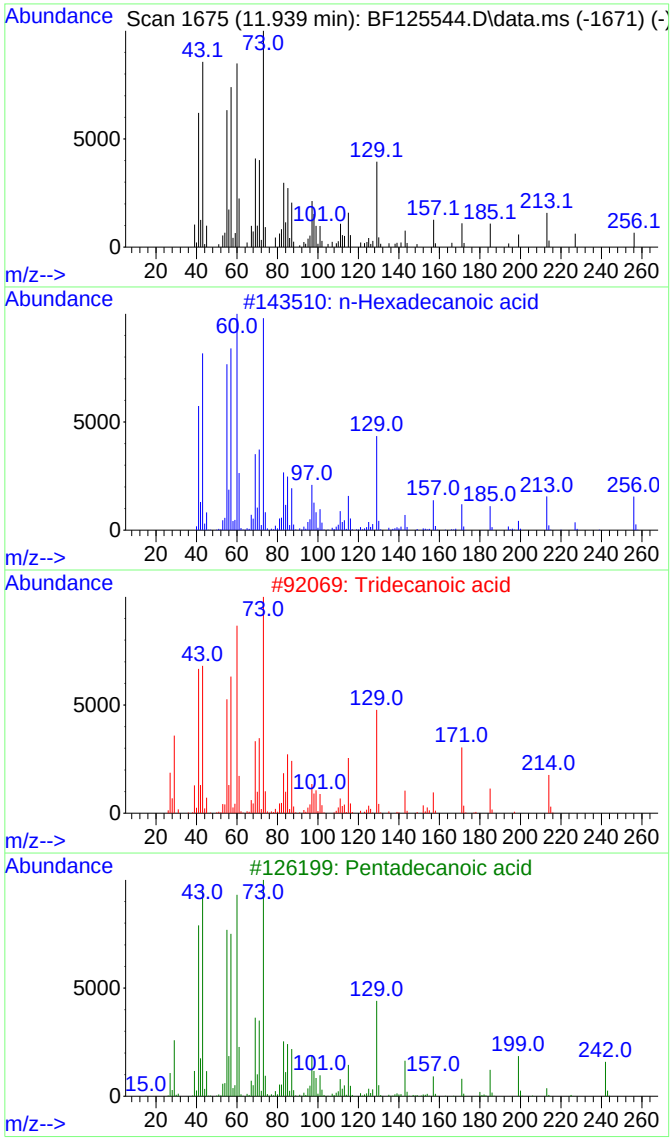
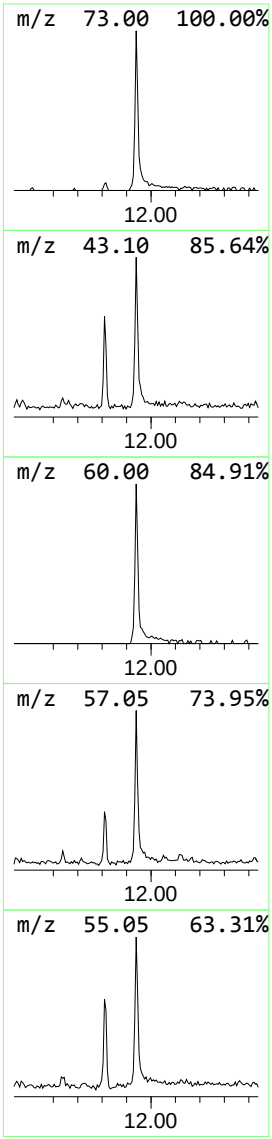
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.49 ng	252575	Phenanthrene-d10	11.416

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	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	68





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Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(1.5)

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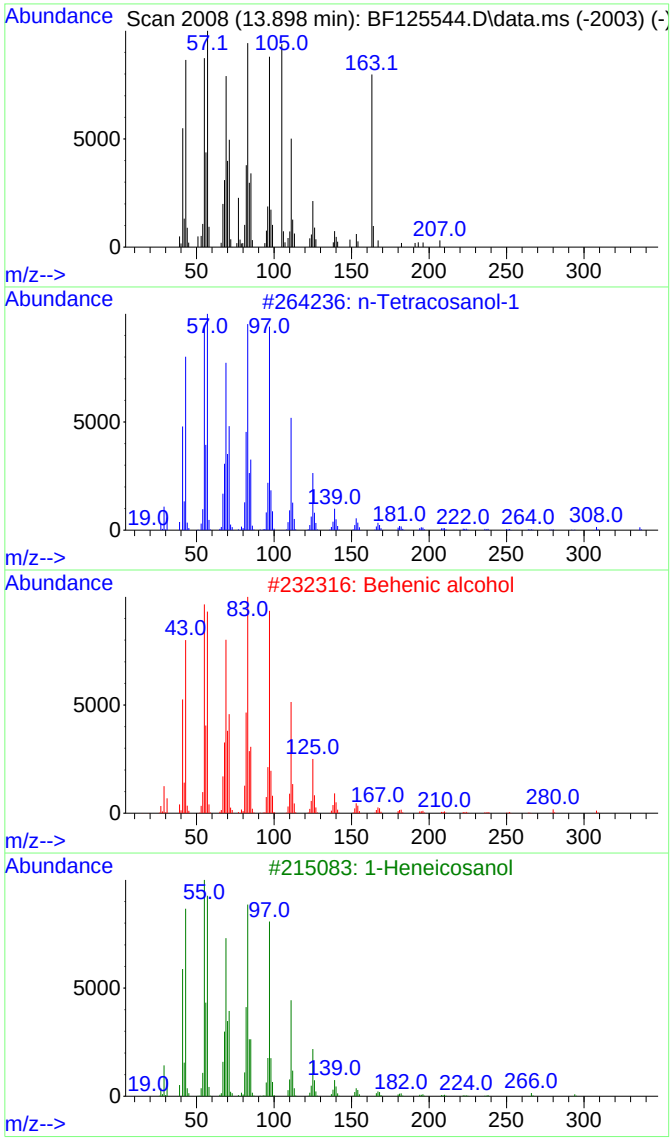
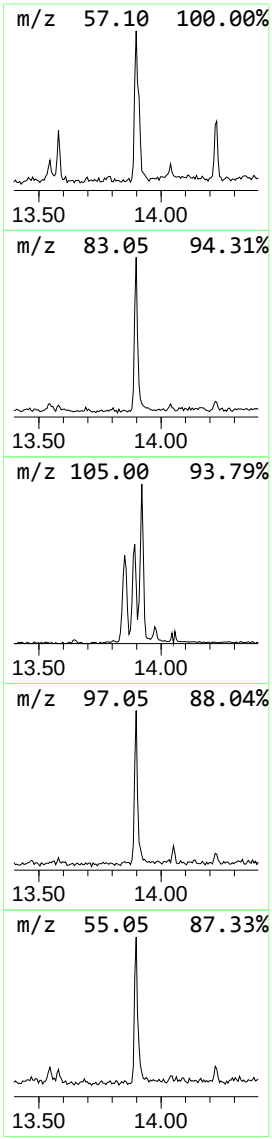
Peak Number 4 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	3.76 ng	257462	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.216	67.5	ng	4215180	1	6.892	1249060	20.0
Ethanol, 2-(2-b...	8.075	14.5	ng	1280910	2	8.175	1764190	20.0
n-Hexadecanoic ...	11.939	2.5	ng	252575	4	11.416	2032020	20.0
n-Tetracosanol-1	13.898	3.8	ng	257462	5	14.051	1369840	20.0