LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125571.D
Acq On : 22 Sep 2021 21:46
Operator : JU/CG
Sample : M3798-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-06-(30-32)

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: BF125571.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	10	17	28	rVB	1439305	1810184	35.09%	4.940%
2	5.510	577	582	585	rBV	4048986	3899582	75.60%	10.643%
3	6.510	747	752	755	rBV	3747049	4005462	77.65%	10.932%
4	6.893	814	817	821	rBV	1331820	1056697	20.48%	2.884%
5	7.451	907	912	915	rBV	2810449	2558061	49.59%	6.982%
6	8.075	1014	1018	1021	rBV	1416682	1099796	21.32%	3.002%
7	8.175	1031	1035	1038	rBV	1838705	1499871	29.08%	4.093%
8	9.251	1213	1218	1221	rBV	5844253	5158422	100.00%	14.078%
9	9.369	1234	1238	1241	rBV	197393	172659	3.35%	0.471%
10	9.933	1330	1334	1337	rBV	1988809	1767239	34.26%	4.823%
11	10.716	1463	1467	1471	rBV	3377534	3123859	60.56%	8.526%
12	11.416	1582	1586	1589	rBV	2213972	1774303	34.40%	4.842%
13	11.810	1650	1653	1656	rBV	104021	77554	1.50%	0.212%
14	11.939	1668	1675	1680	rBV	429325	432338	8.38%	1.180%
15	12.516	1771	1773	1777	rVB	88323	69613	1.35%	0.190%
16	12.727	1805	1809	1817	rBV	172653	176044	3.41%	0.480%
17	13.004	1852	1856	1859	rBV	5476518	5009895	97.12%	13.673%
18	13.898	2004	2008	2019	rBV4	293483	415597	8.06%	1.134%
19	14.051	2030	2034	2038	rBV	1389379	1337469	25.93%	3.650%
20	14.227	2060	2064	2070	rBV	58050	59419	1.15%	0.162%
21	14.533	2113	2116	2123	rBV	59627	66405	1.29%	0.181%
22	15.533	2281	2286	2291	rBV	910639	1070001	20.74%	2.920%

Sum of corrected areas: 36640470

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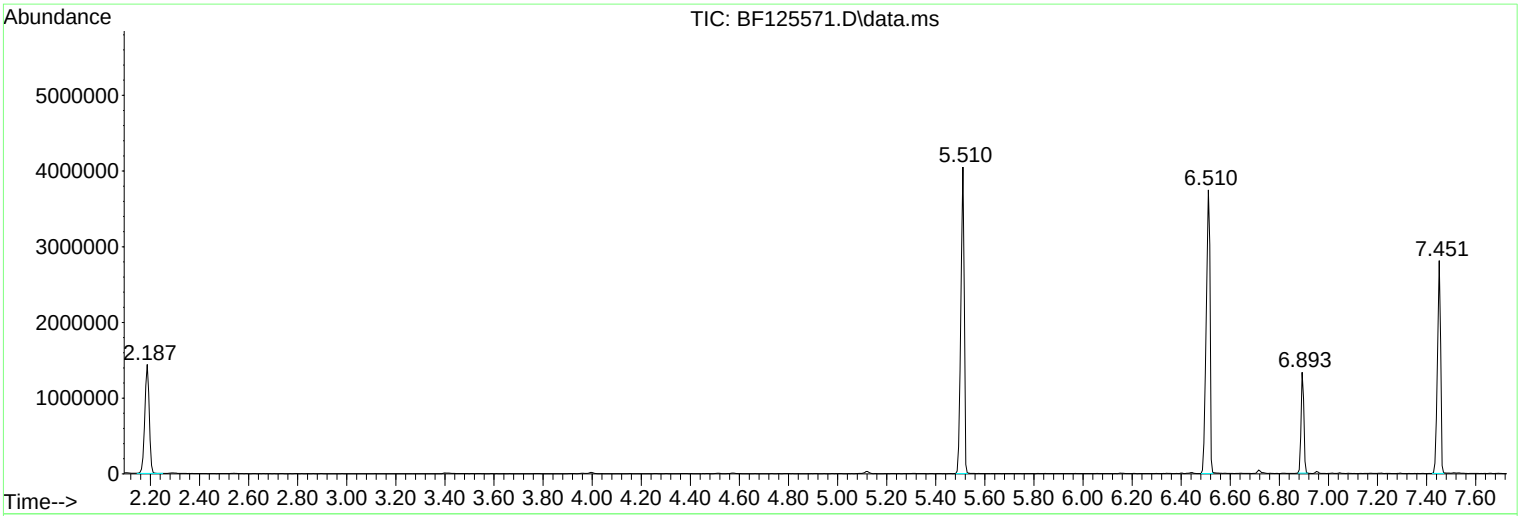
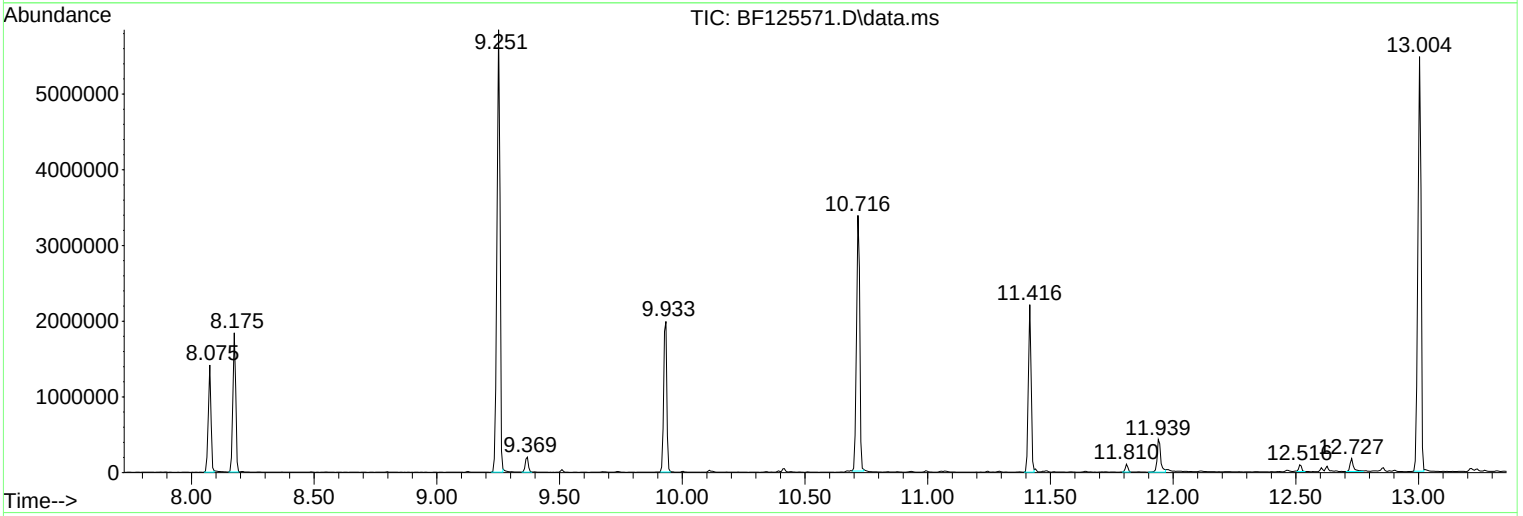
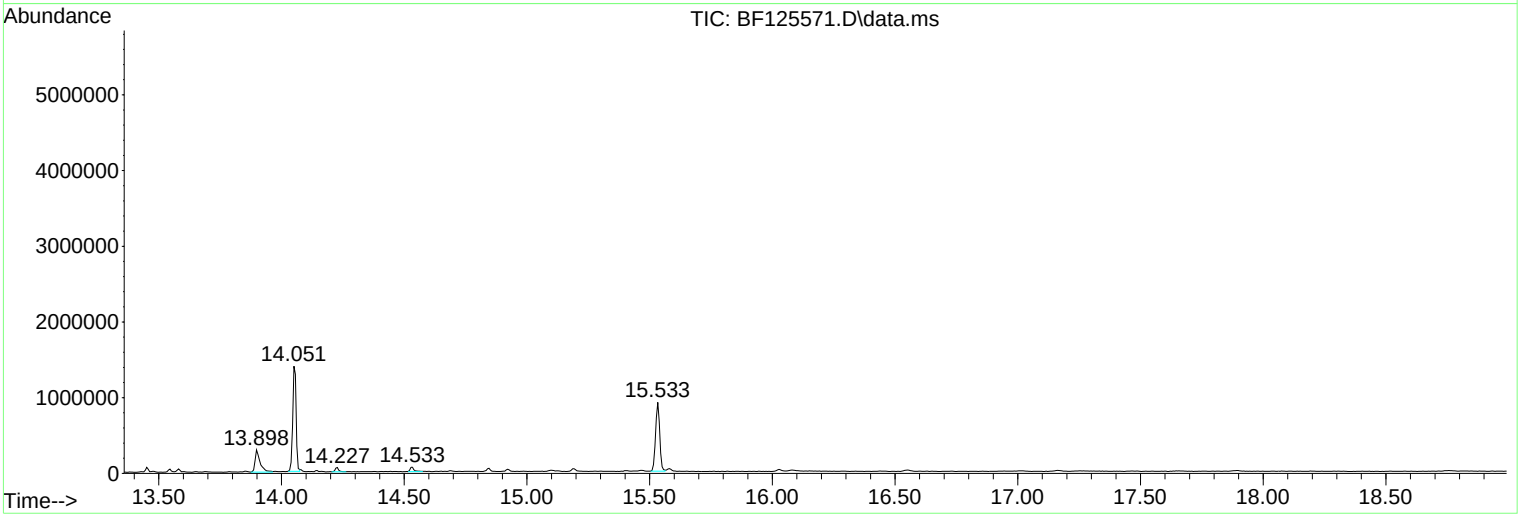
BNA_F
ClientSampleId :
NAPL-06-(30-32)

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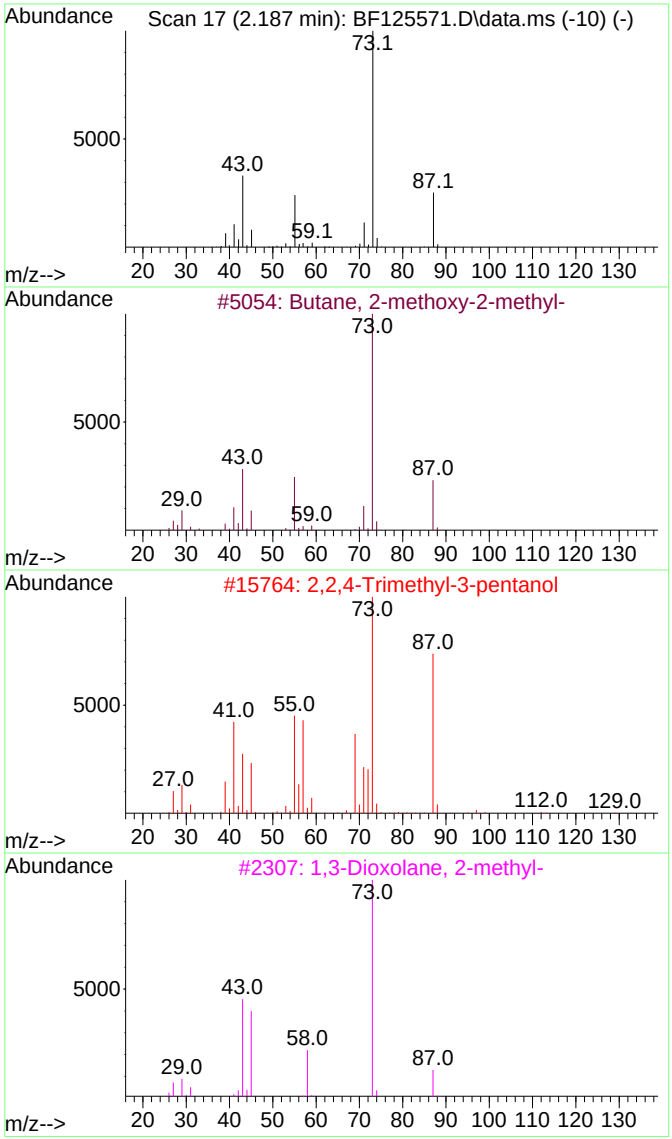
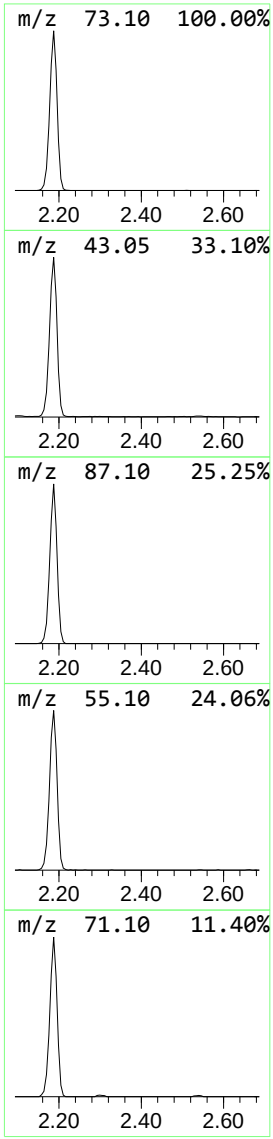
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	34.26 ng	1810180	1,4-Dichlorobenzene-d4	6.893

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

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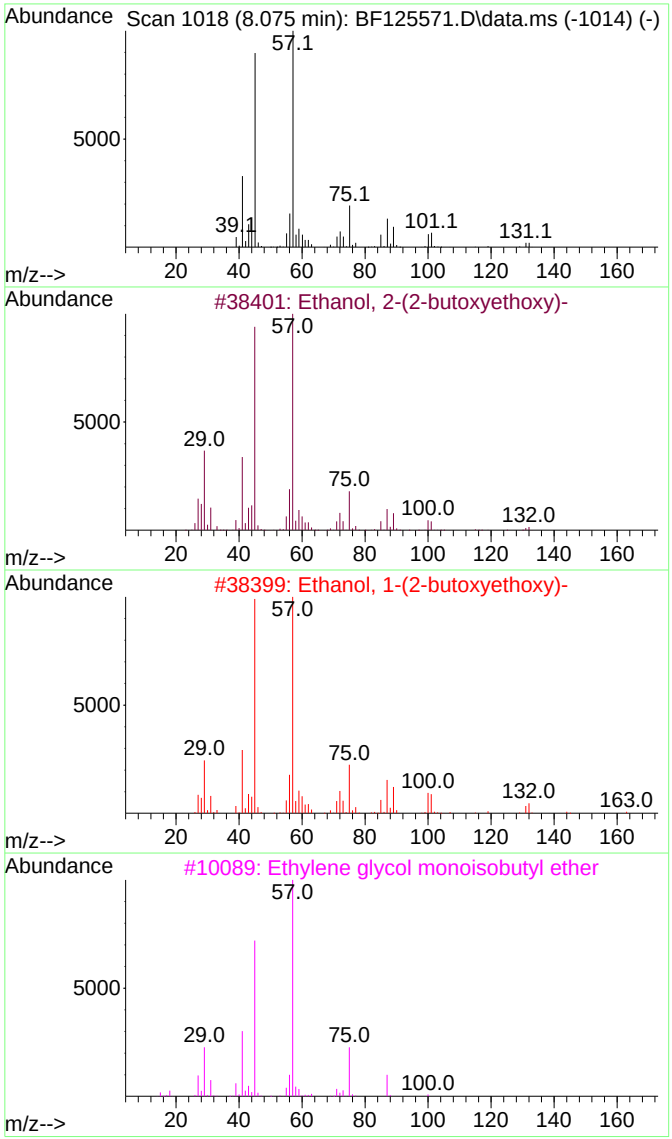
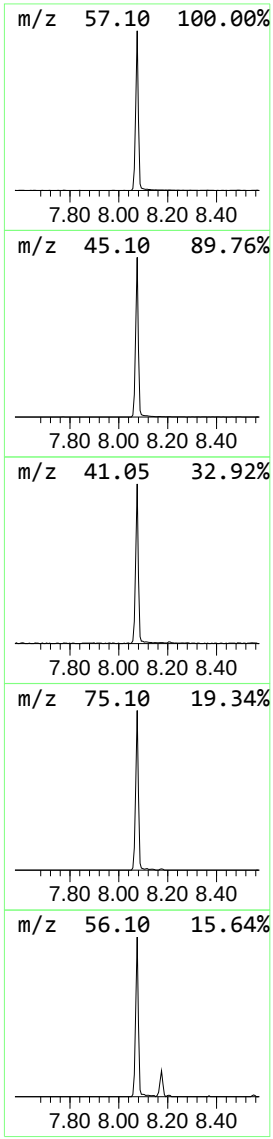
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	14.67 ng	1099800	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	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50





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Instrument : BNA_F
ClientSampleId : NAPL-06-(30-32)

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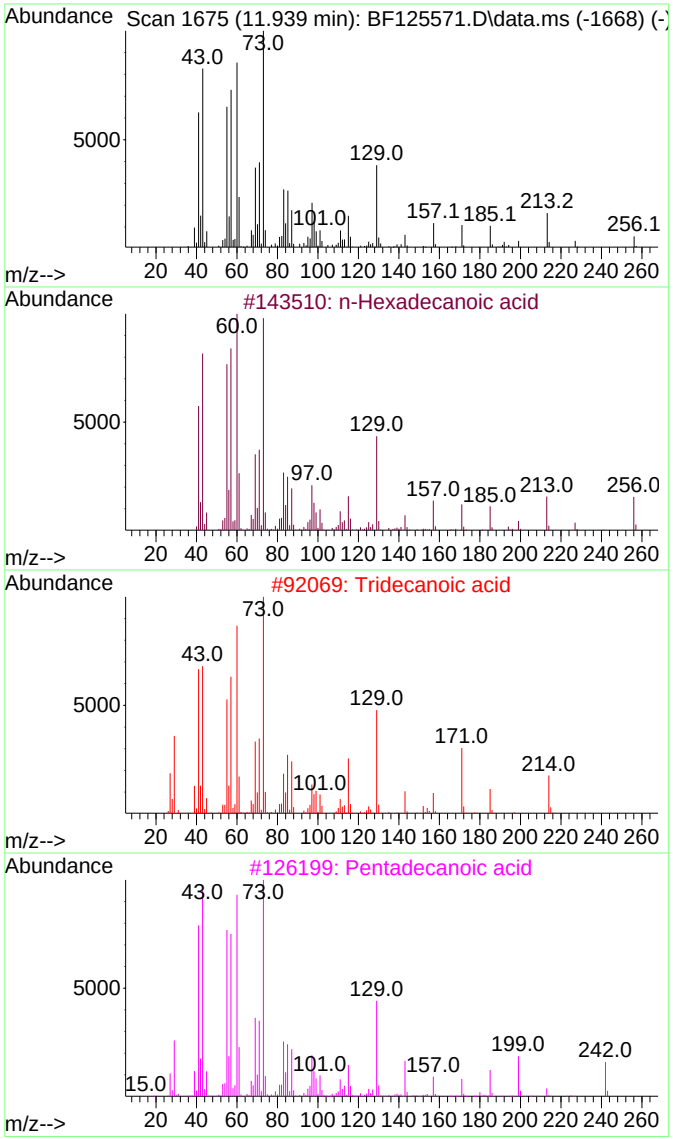
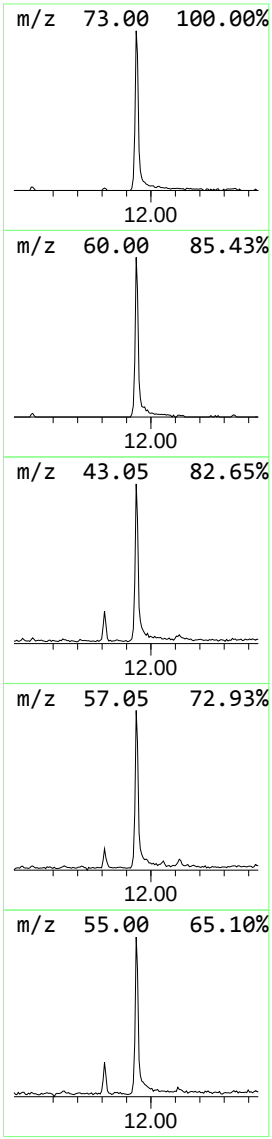
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	4.87 ng	432338	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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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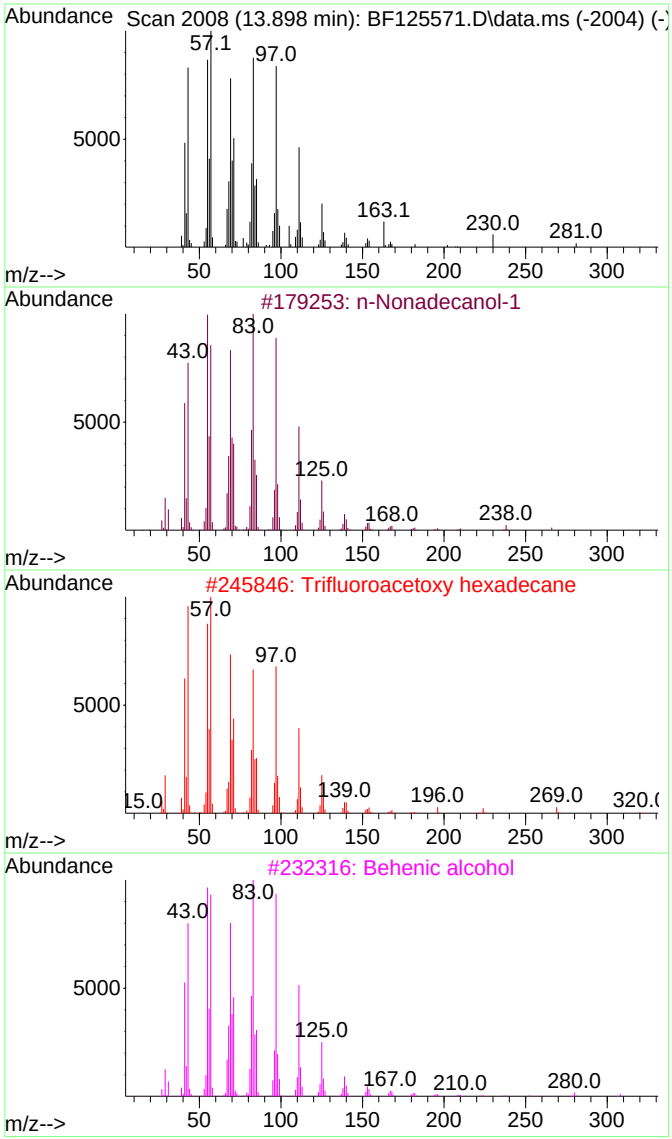
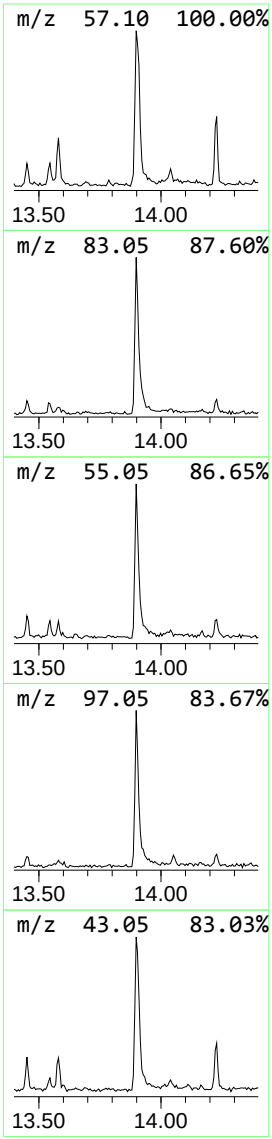
Peak Number 4 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	6.21 ng	415597	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	1-Tetracosene	336	C24H48	010192-32-2	95





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...	2.187	34.3	ng	1810180	1	6.893	1056700	20.0
Ethanol, 2-(2-b...	8.075	14.7	ng	1099800	2	8.175	1499870	20.0
n-Hexadecanoic ...	11.939	4.9	ng	432338	4	11.416	1774300	20.0
n-Nonadecanol-1	13.898	6.2	ng	415597	5	14.051	1337470	20.0