LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121500.D
Acq On : 1 Sep 2020 17:03
Operator : JU/CG
Sample : L3859-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

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-BF082720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	19	rVB	1594799	2000465	37.17%	4.626%
2	5.069	503	507	515	rVB	59263	79787	1.48%	0.184%
3	5.469	570	575	578	rBV	4255073	4025430	74.79%	9.308%
4	6.475	741	746	762	rBV	4049859	4244346	78.85%	9.815%
5	6.681	779	781	787	rBV	52151	59348	1.10%	0.137%
6	6.851	807	810	814	rBV	1970498	1617057	30.04%	3.739%
7	7.416	901	906	909	rBV	3143095	2865308	53.23%	6.626%
8	8.139	1024	1029	1035	rBV	2319744	2085727	38.75%	4.823%
9	9.216	1207	1212	1215	rBV	6215658	5382512	100.00%	12.446%
10	9.610	1275	1279	1286	rBV	485554	429145	7.97%	0.992%
11	9.892	1321	1327	1331	rBV	2556951	2437108	45.28%	5.636%
12	10.680	1457	1461	1465	rBV	3482122	3268983	60.73%	7.559%
13	11.380	1576	1580	1583	rBV	2677625	2483435	46.14%	5.743%
14	11.404	1583	1584	1588	rVV	454148	296342	5.51%	0.685%
15	11.457	1591	1593	1596	rVB	82730	68070	1.26%	0.157%
16	11.915	1667	1671	1677	rBV	472164	494615	9.19%	1.144%
17	11.992	1681	1684	1687	rBV2	87949	104629	1.94%	0.242%
18	12.474	1763	1766	1771	rVB3	100071	108729	2.02%	0.251%
19	12.592	1783	1786	1789	rBV	453944	419570	7.80%	0.970%
20	12.698	1801	1804	1807	rBV3	109105	118016	2.19%	0.273%
21	12.821	1822	1825	1828	rVB	402801	347926	6.46%	0.805%
22	12.974	1846	1851	1854	rBV	5495212	5114991	95.03%	11.828%
23	13.874	2001	2004	2013	rBV2	927888	1247190	23.17%	2.884%
24	14.021	2025	2029	2032	rBV	2125114	2129187	39.56%	4.923%
25	14.045	2032	2033	2036	rVB	178535	136214	2.53%	0.315%
26	15.498	2276	2280	2284	rVB	1368375	1681362	31.24%	3.888%

Sum of corrected areas: 43245492

LSC Report - Integrated Chromatogram

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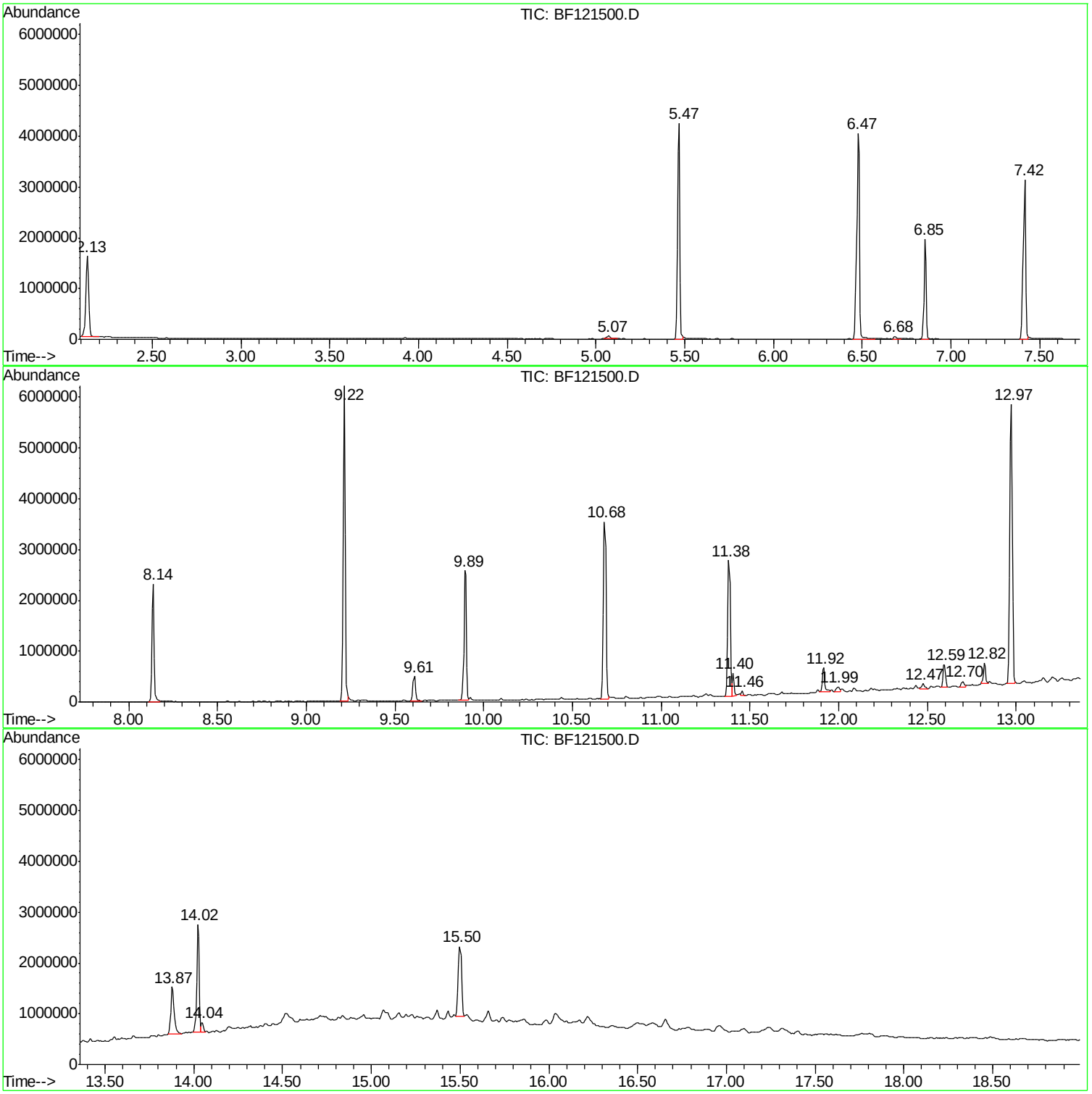
Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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

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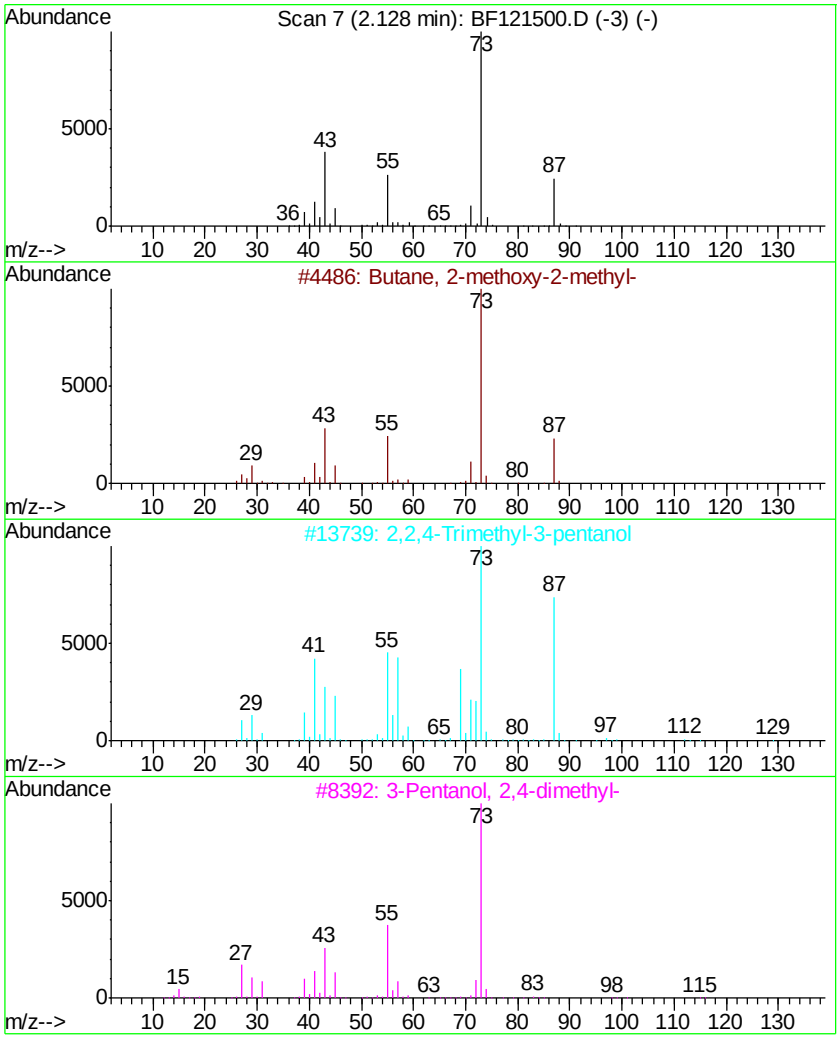
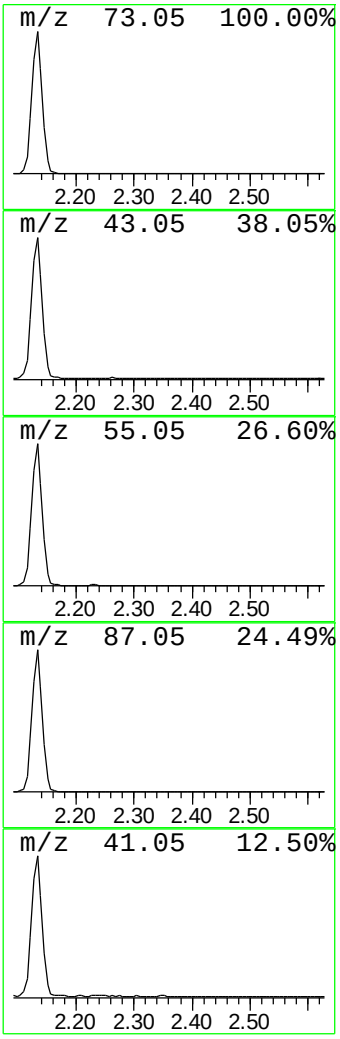
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	24.74 ng	2000470	1,4-Dichlorobenzene-d4	6.85

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	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

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Operator : JU/CG
Sample : L3859-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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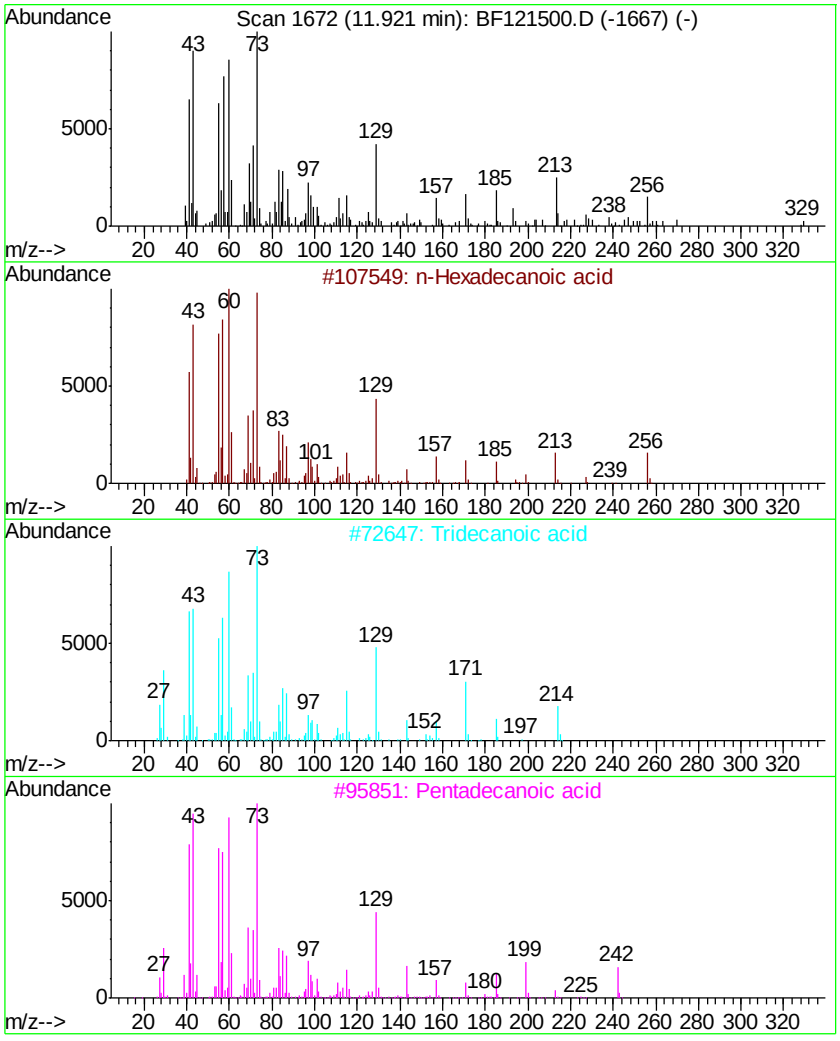
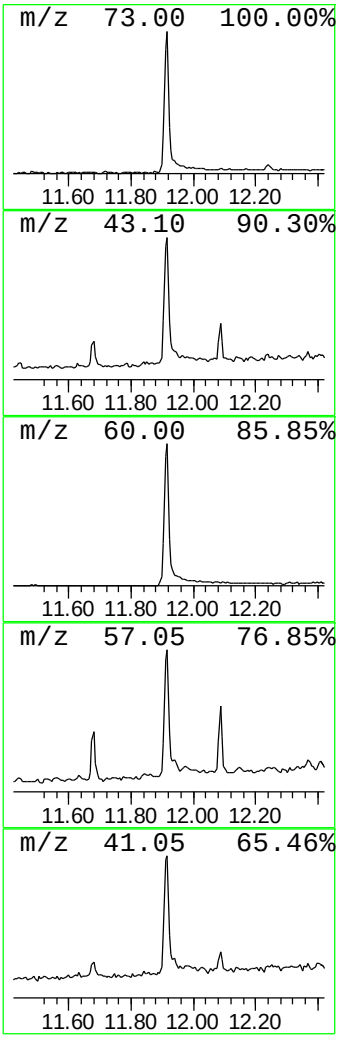
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.98 ng	494615	Phenanthrene-d10	11.38

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	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	45





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Sample : L3859-03
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Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
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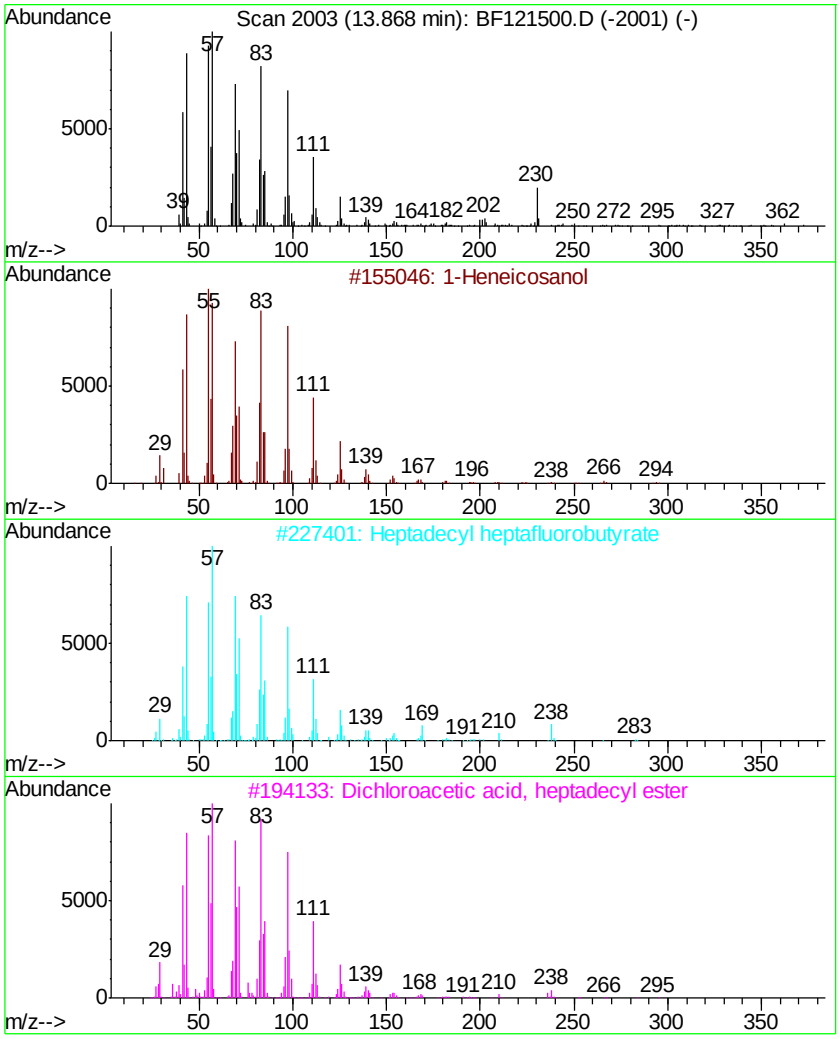
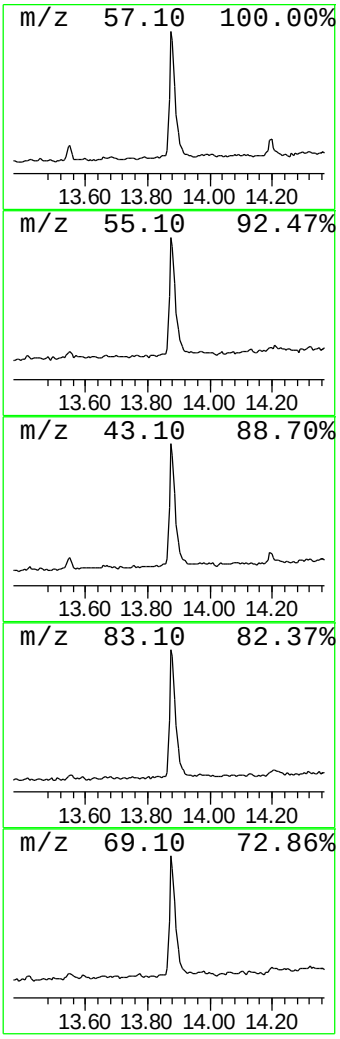
Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	11.72 ng	1247190	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.13	24.7	ng	2000470	1	6.85	1617060	20.0
n-Hexadecanoic acid	11.92	4.0	ng	494615	4	11.38	2483440	20.0
1-Heneicosanol	13.87	11.7	ng	1247190	5	14.02	2129190	20.0