LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122148.D
Acq On : 28 Oct 2020 15:23
Operator : JU/CG
Sample : L4530-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-54

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122148.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	550	553	587	rBV	2235962	2640634	96.80%	13.172%
2	6.369	724	728	756	rBV	2362376	2728043	100.00%	13.608%
3	6.569	759	762	783	rVV	66750	159927	5.86%	0.798%
4	6.710	783	786	794	rVB	630180	605996	22.21%	3.023%
5	7.287	880	884	898	rBV	1692667	1711053	62.72%	8.535%
6	7.928	989	993	1001	rBV	38434	40193	1.47%	0.200%
7	7.998	1001	1005	1030	rVB	827473	807947	29.62%	4.030%
8	9.069	1183	1187	1199	rBV	2900944	2647931	97.06%	13.208%
9	9.186	1203	1207	1212	rVB	69122	67239	2.46%	0.335%
10	9.469	1251	1255	1268	rBV	486143	428401	15.70%	2.137%
11	9.745	1298	1302	1316	rBV	1040266	909511	33.34%	4.537%
12	10.539	1433	1437	1453	rBV	1813943	1871959	68.62%	9.337%
13	11.233	1551	1555	1562	rBV	970728	899291	32.96%	4.486%
14	11.763	1642	1645	1652	rBV2	93135	110949	4.07%	0.553%
15	12.457	1759	1763	1766	rBV	34007	33252	1.22%	0.166%
16	12.686	1799	1802	1805	rVB	34530	29571	1.08%	0.148%
17	12.816	1820	1824	1828	rBV	2505217	2273779	83.35%	11.342%
18	13.716	1973	1977	1991	rBV	235747	479912	17.59%	2.394%
19	13.845	1995	1999	2001	rVV	74396	65052	2.38%	0.324%
20	13.880	2001	2005	2016	rVB	614385	646270	23.69%	3.224%
21	14.368	2084	2088	2096	rBV9	24088	43672	1.60%	0.218%
22	14.692	2141	2143	2147	rVB	39044	38164	1.40%	0.190%
23	14.939	2182	2185	2191	rVB	43667	48449	1.78%	0.242%
24	15.310	2243	2248	2255	rBV	469408	608006	22.29%	3.033%
25	15.698	2311	2314	2319	rVB2	25852	31614	1.16%	0.158%
26	15.786	2323	2329	2338	rBV9	36014	121219	4.44%	0.605%

Sum of corrected areas: 20048034

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ClientSampleId :
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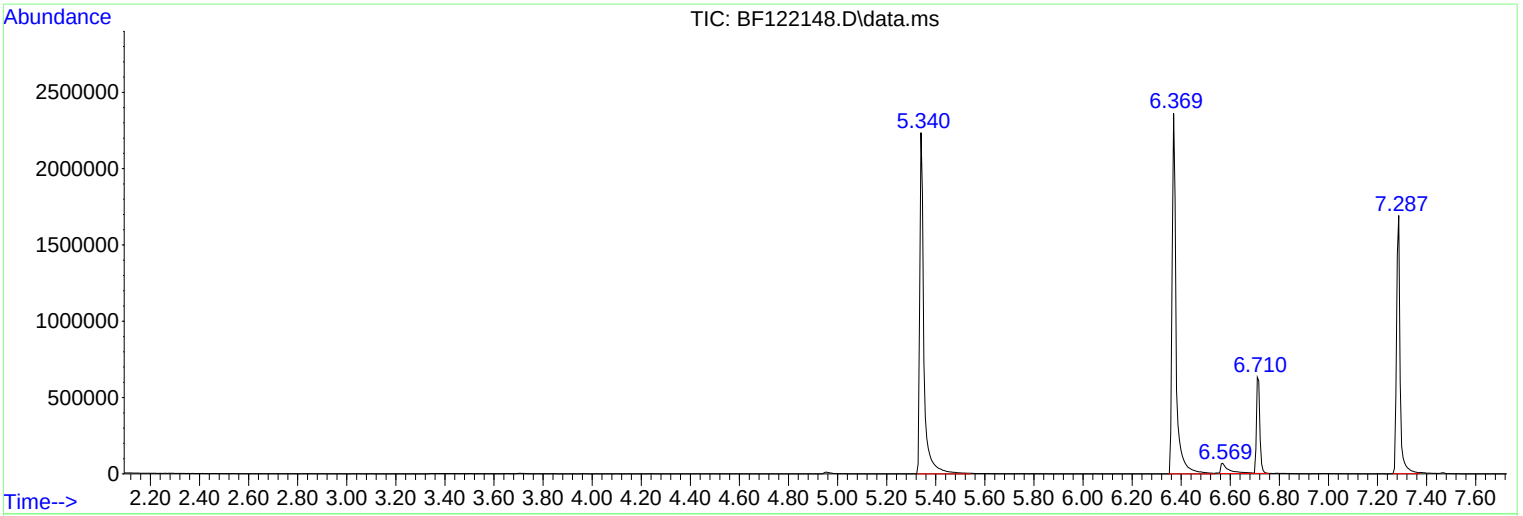
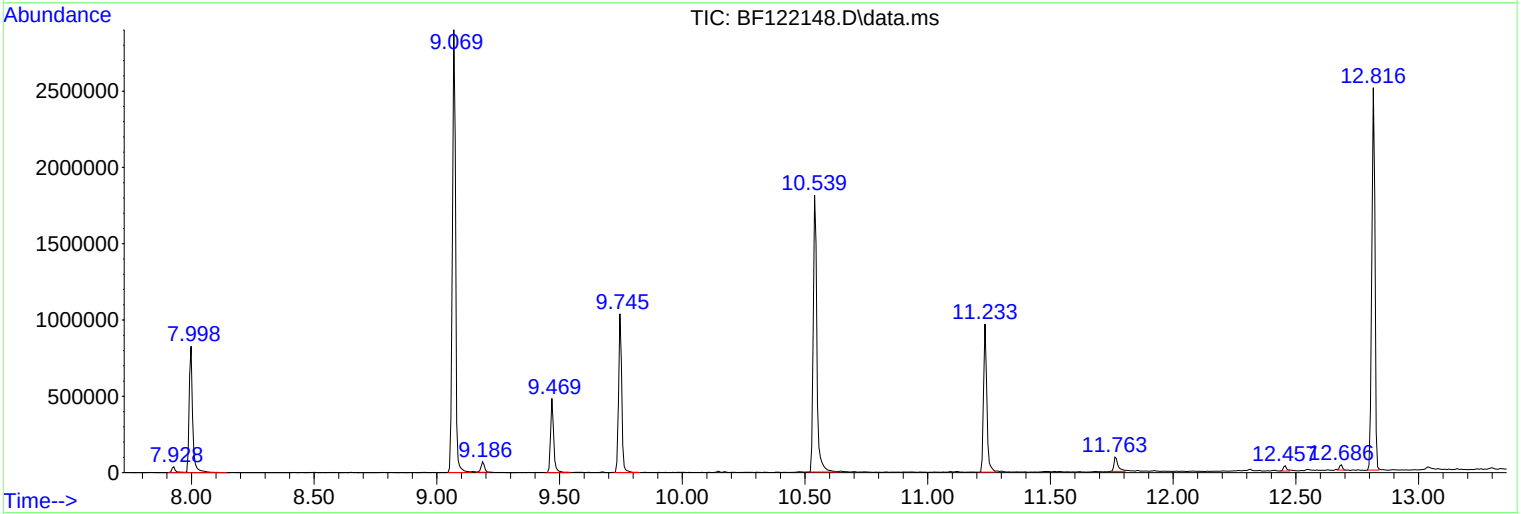
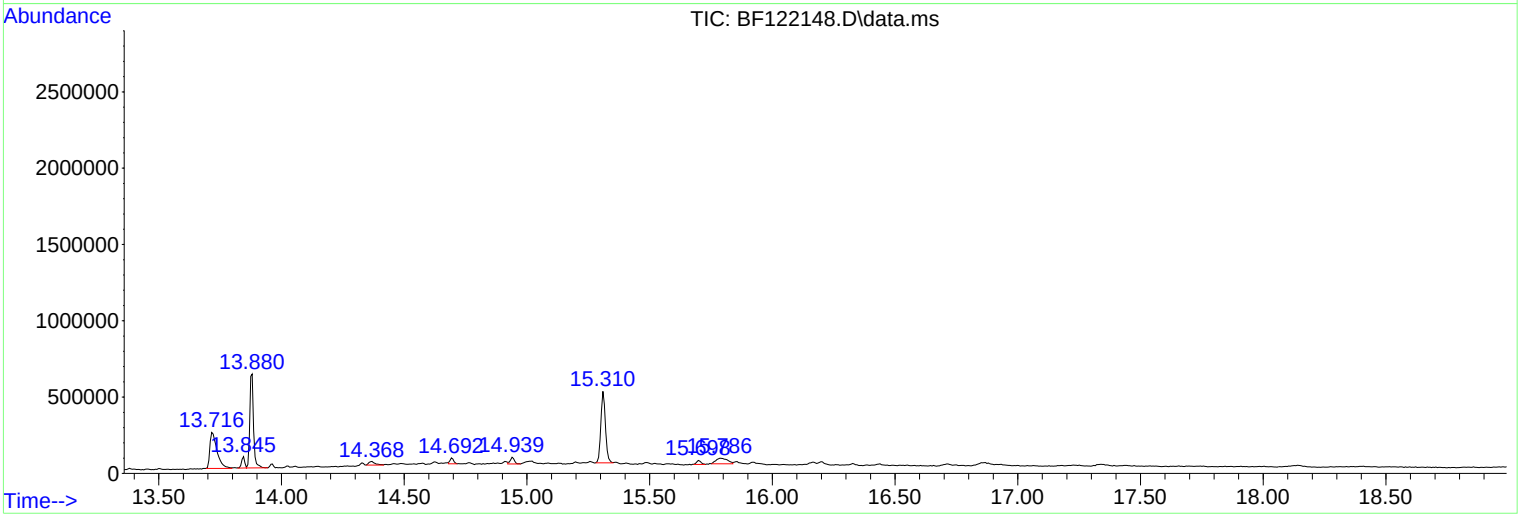
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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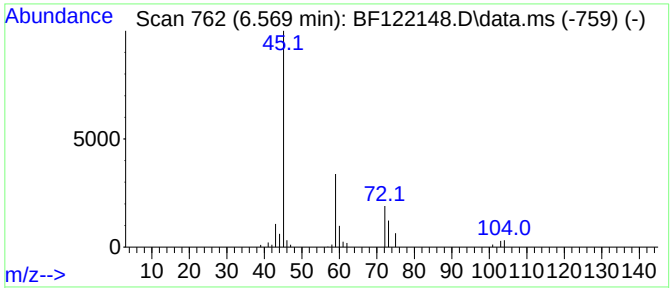
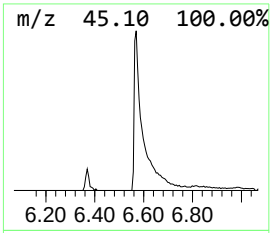
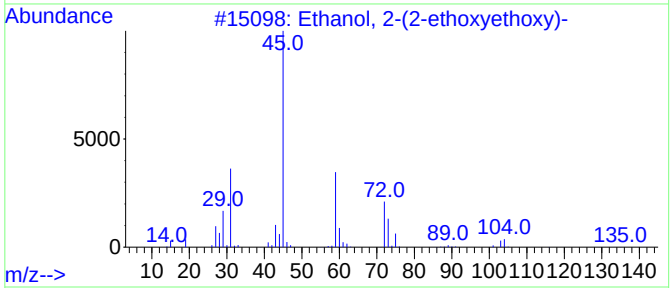
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

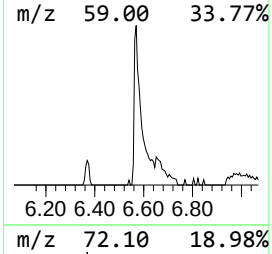
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.569	5.28 ng	159927	1,4-Dichlorobenzene-d4	6.716

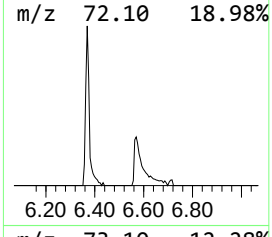
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	39
3	Acetic acid, hydroxy-, ethyl ester	104	C4H8O3	000623-50-7	9
4	Methoxyacetic acid, 2-methylprop...	146	C7H14O3	1000282-40-9	9
5	Diethyl carbitol	162	C8H18O3	000112-36-7	9

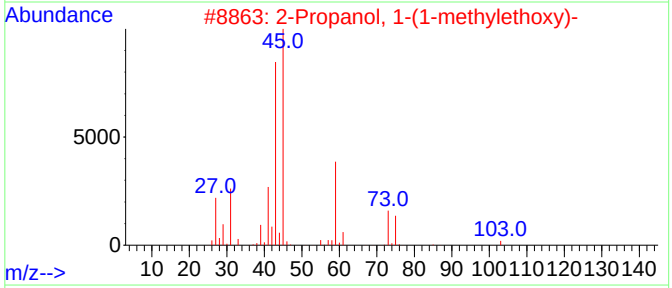


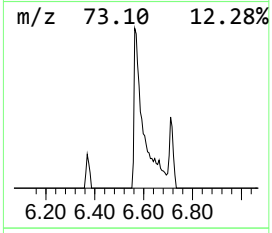


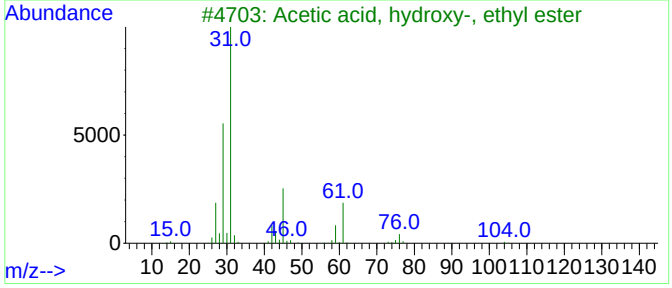


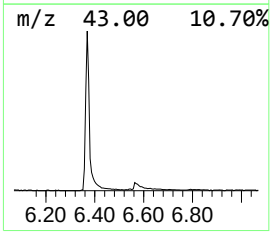












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Instrument :
BNA_F
ClientSampleId :
RBR-54

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

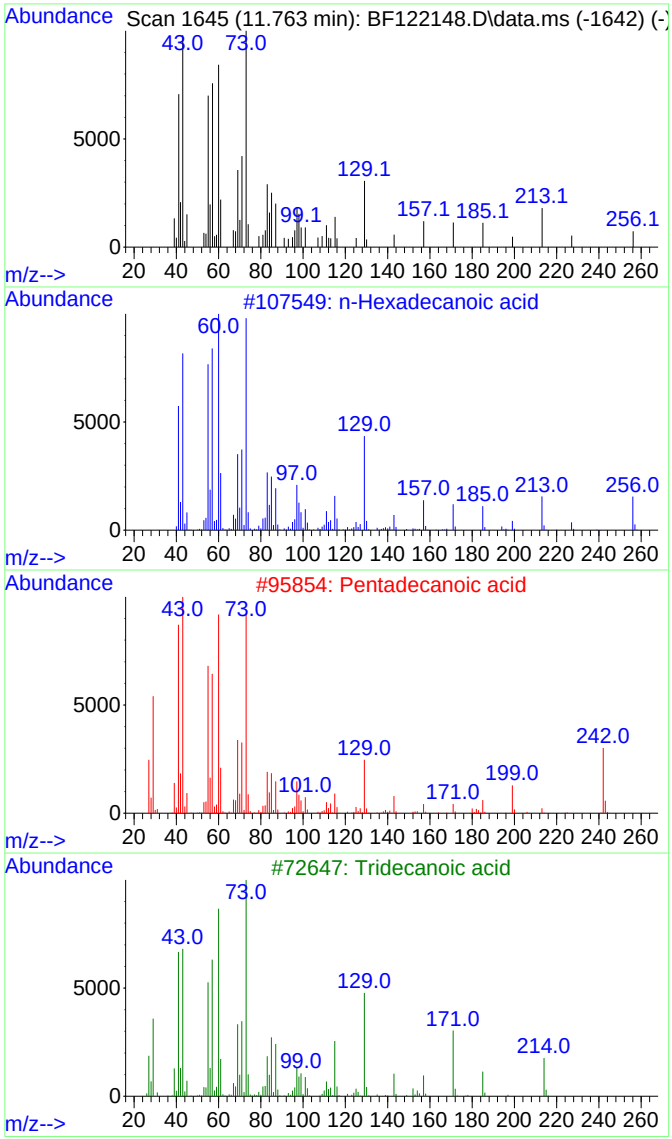
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

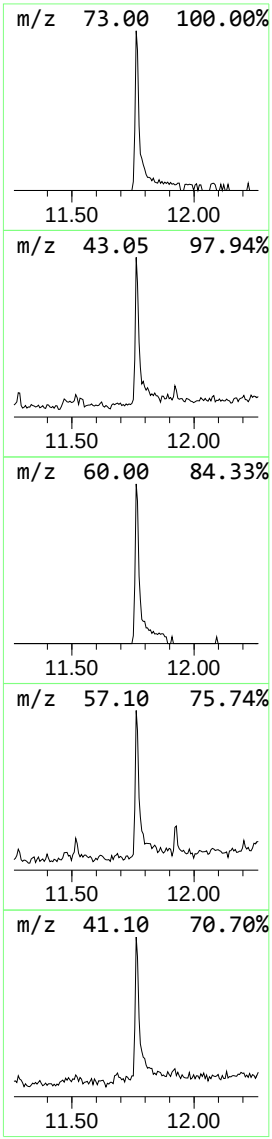
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	2.47 ng	110949	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Sample : L4530-02
Misc :
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Instrument : BNA_F
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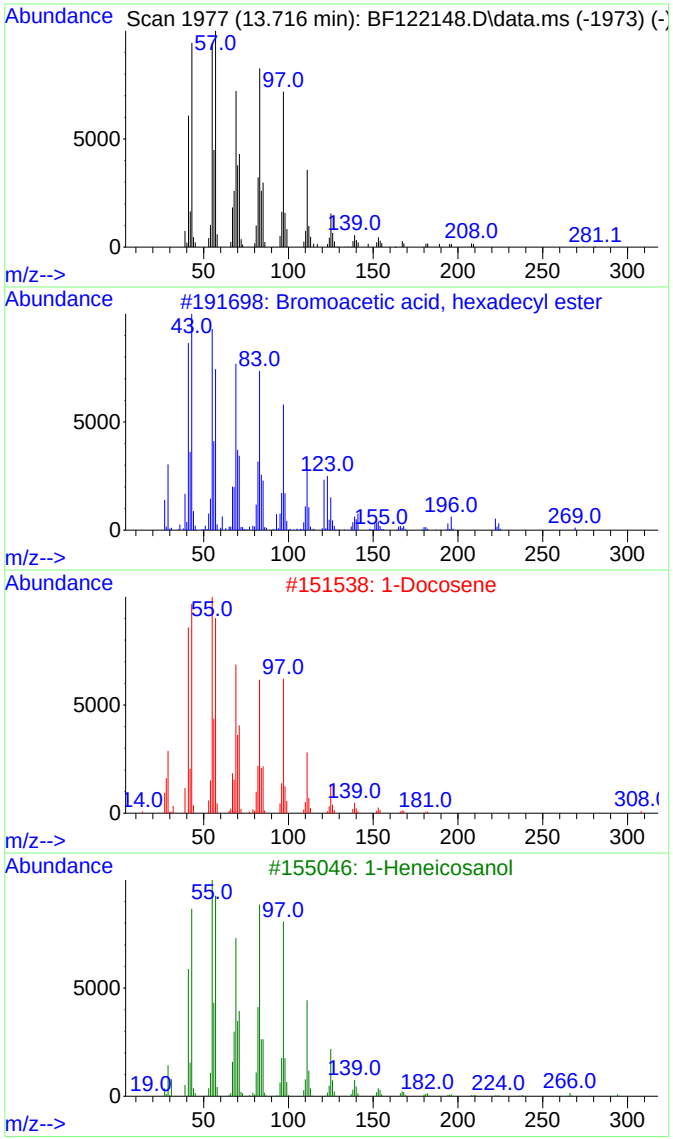
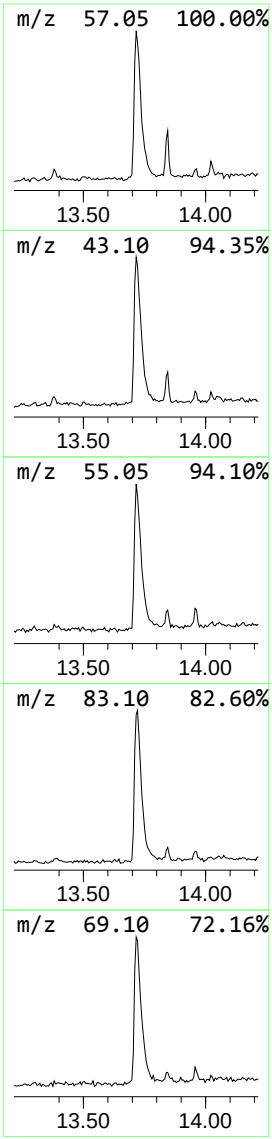
****
Peak Number 3 Bromoacetic acid, hexadecyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	14.85 ng	479912	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
2	1-Docosene	308	C22H44	001599-67-3	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
5	Behenic alcohol	326	C22H46O	000661-19-8	91





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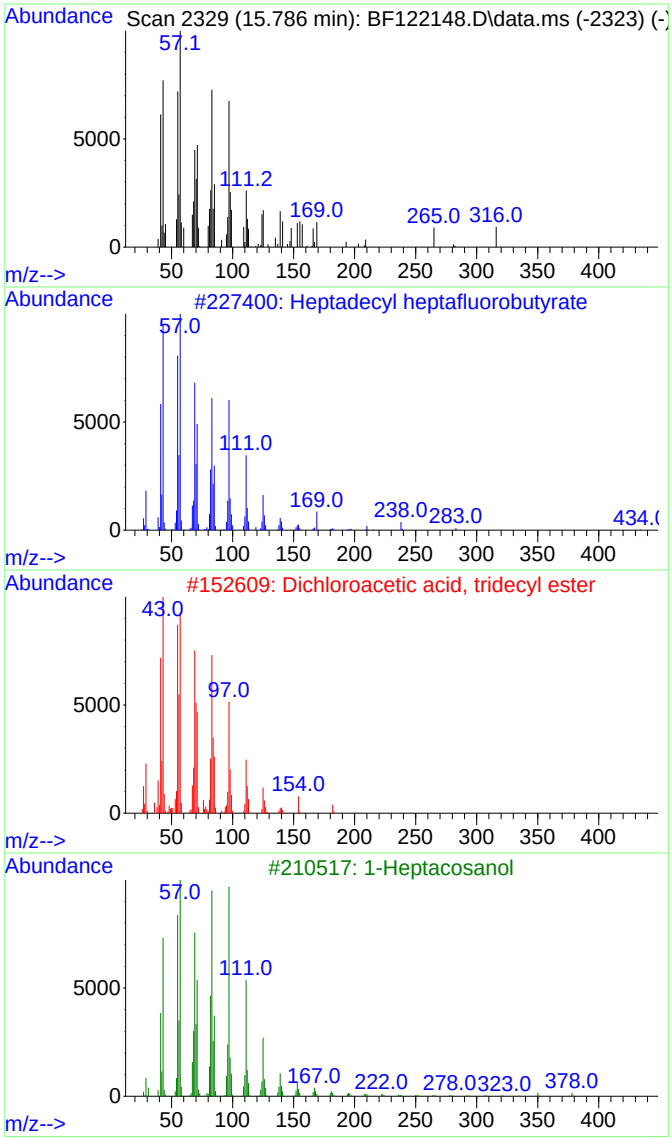
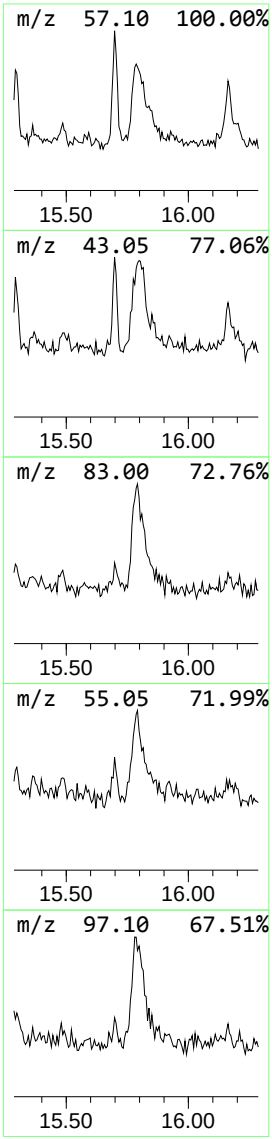
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	3.99 ng	121219	Perylene-d12	15.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	74
2	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	74
3	1-Heptacosanol	396	C27H56O	002004-39-9	74
4	17-Pentatriacontene	491	C35H70	006971-40-0	72
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	72





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
Ethanol, 2-(2-e...	6.569	5.3	ng	159927	1	6.716	605996	20.0
n-Hexadecanoic ...	11.763	2.5	ng	110949	4	11.233	899291	20.0
Bromoacetic aci...	13.716	14.9	ng	479912	5	13.880	646270	20.0
Heptadecyl hept...	15.786	4.0	ng	121219	6	15.310	608006	20.0