LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009772.D
Acq On : 28 Apr 2017 10:16
Operator : SJ/MA
Sample : I2806-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT23

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.987	656	663	674	rBV	661036	1092532	10.16%	2.062%
2	7.157	685	692	701	rVV	466345	722822	6.72%	1.364%
3	7.351	719	725	734	rVB	609884	966425	8.98%	1.824%
4	7.822	798	805	813	rVB	617722	974245	9.06%	1.839%
5	8.522	918	924	932	rBV	739978	1197743	11.14%	2.260%
6	8.986	996	1003	1012	rBV	617490	1013320	9.42%	1.912%
7	9.704	1117	1125	1133	rBV	525534	881220	8.19%	1.663%
8	10.239	1208	1216	1225	rBV	757182	1296295	12.05%	2.446%
9	10.616	1273	1280	1287	rBV	894547	1469297	13.66%	2.773%
10	10.763	1297	1305	1318	rBV	623223	1106960	10.29%	2.089%
11	13.874	1828	1834	1838	rBV	1366153	1831374	17.03%	3.456%
12	13.921	1838	1842	1848	rVB	367618	498685	4.64%	0.941%
13	14.157	1875	1882	1890	rBV	1391903	2104565	19.57%	3.972%
14	14.468	1929	1935	1940	rVV2	1342836	2099026	19.51%	3.961%
15	14.516	1940	1943	1948	rVV2	185699	254894	2.37%	0.481%
16	14.674	1964	1970	1980	rBV	564262	950552	8.84%	1.794%
17	15.463	2097	2104	2113	rBV	1961289	2747385	25.54%	5.185%
18	15.592	2120	2126	2136	rBV	598478	849649	7.90%	1.603%
19	16.157	2218	2222	2235	rBV	83556	144860	1.35%	0.273%
20	17.215	2396	2402	2408	rBV2	1793498	2616606	24.33%	4.938%
21	17.315	2412	2419	2426	rVV	2226728	3054669	28.40%	5.765%
22	18.092	2547	2551	2562	rVB	214787	313930	2.92%	0.592%
23	19.609	2803	2809	2820	rBV	2674228	3636066	33.80%	6.862%
24	20.145	2868	2900	2901	rBV5	2446813	10756551	100.00%	20.299%
25	21.086	3056	3060	3066	rBV2	357223	450182	4.19%	0.850%
26	21.397	3108	3113	3118	rBV	2768106	3357864	31.22%	6.337%
27	22.950	3374	3377	3381	rVB3	232911	318696	2.96%	0.601%
28	23.562	3473	3481	3489	rVB2	1524386	3099723	28.82%	5.850%
29	23.709	3499	3506	3515	rVB	1438607	2730998	25.39%	5.154%
30	24.197	3586	3589	3597	rVB2	245510	453528	4.22%	0.856%

Sum of corrected areas: 52990662

LSC Report - Integrated Chromatogram

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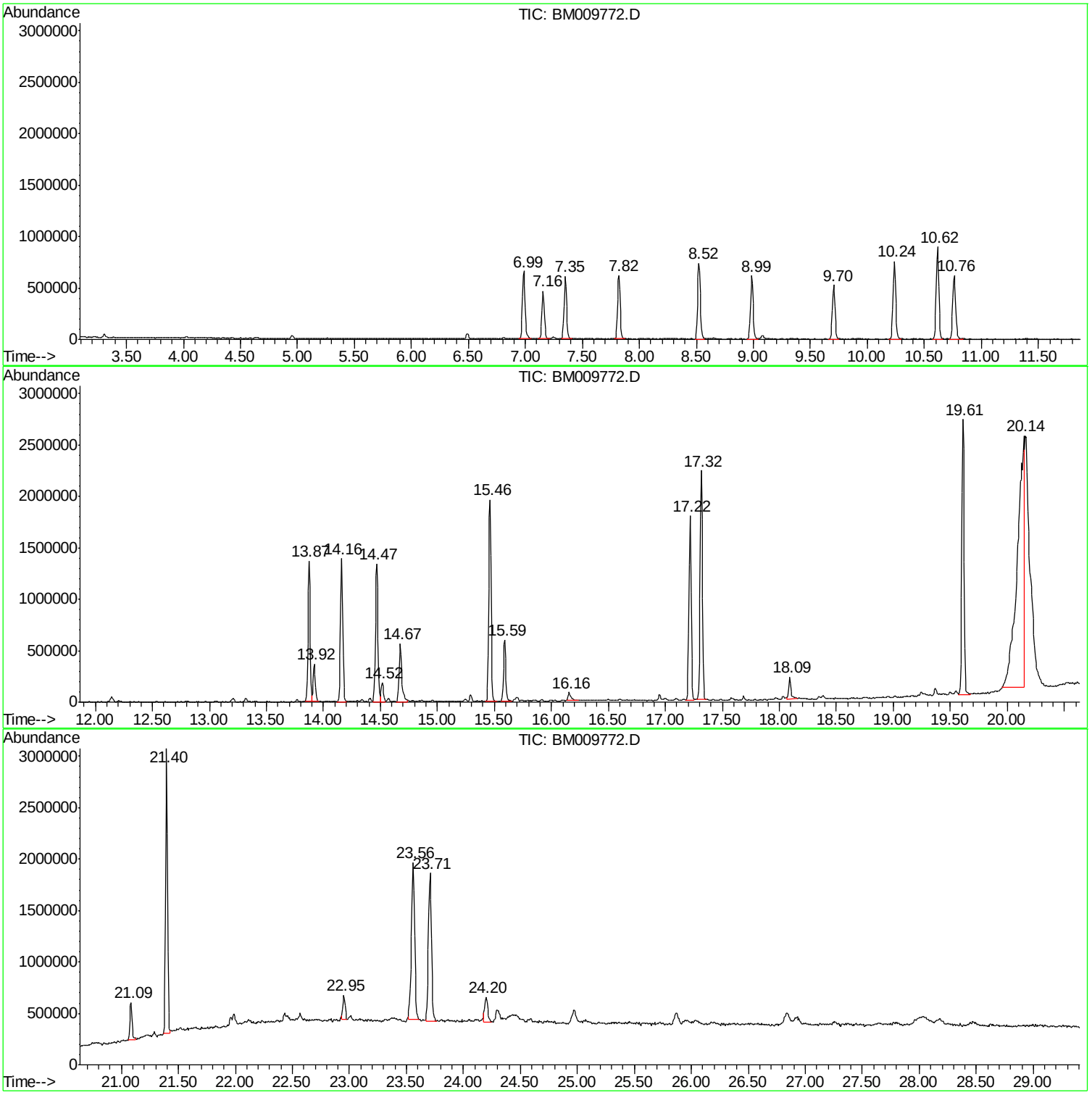
Operator : SJ/MA
Sample : I2806-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT23

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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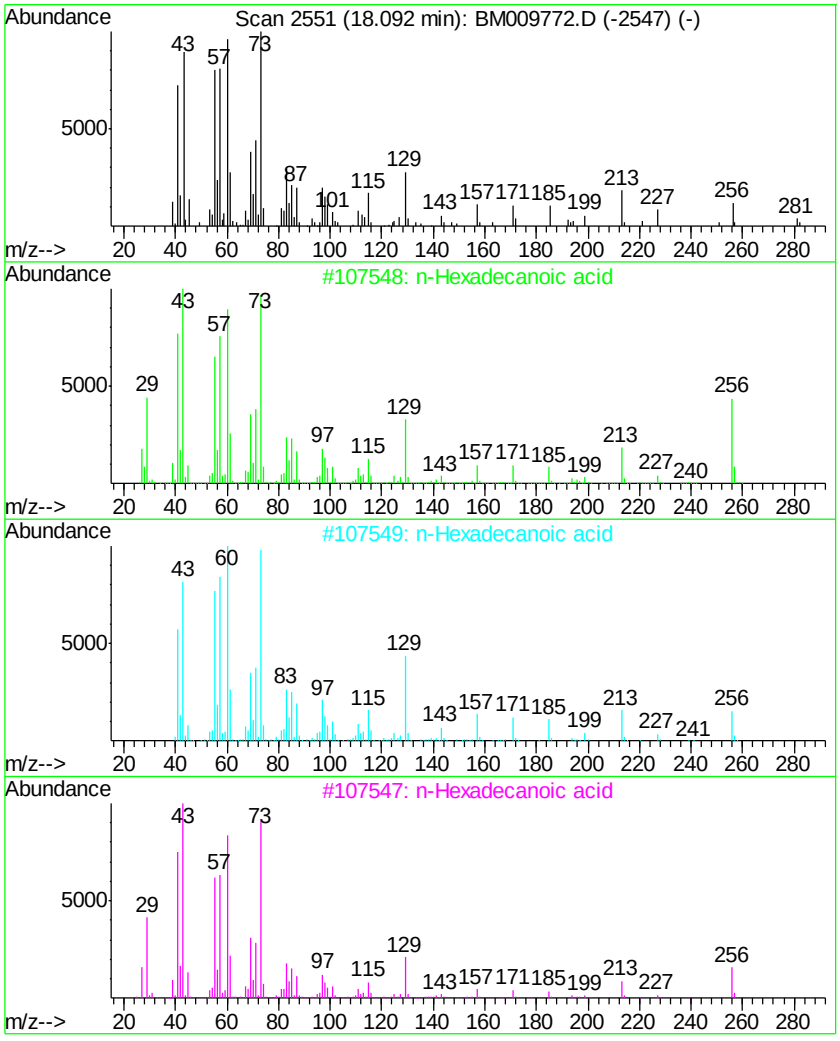
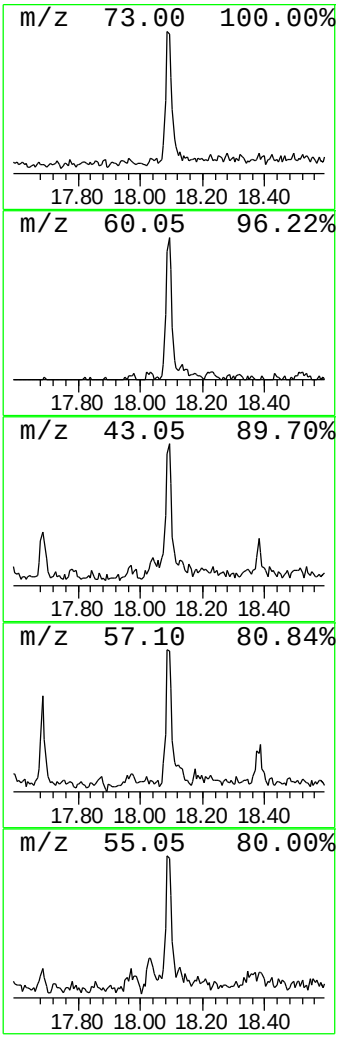
Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.40 ng/ul	313930	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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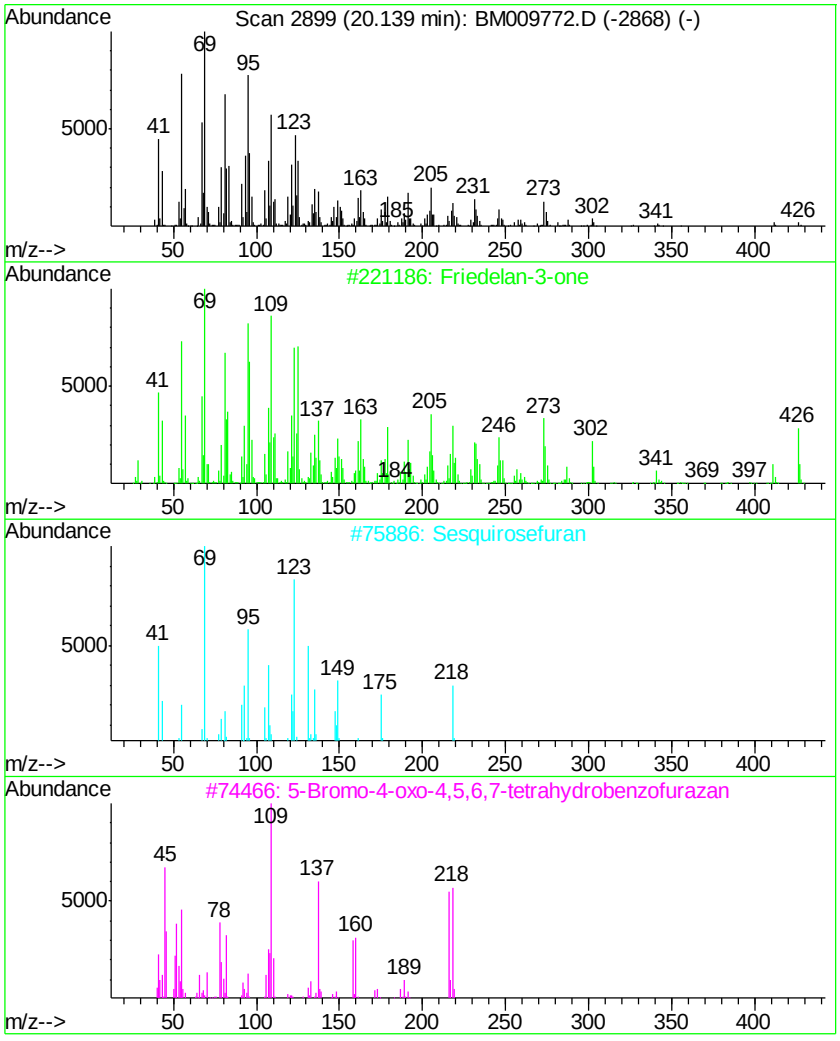
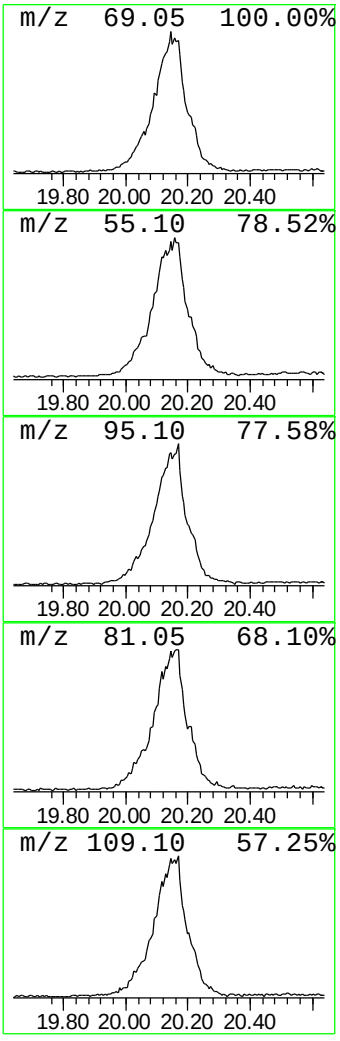
Peak Number 2 Sesquirosefuran Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	64.07 ng/ul	10756600	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	84
2	Sesquirosefuran	218	C15H22O	039007-93-7	55
3	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53
4	(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	47
5	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	47





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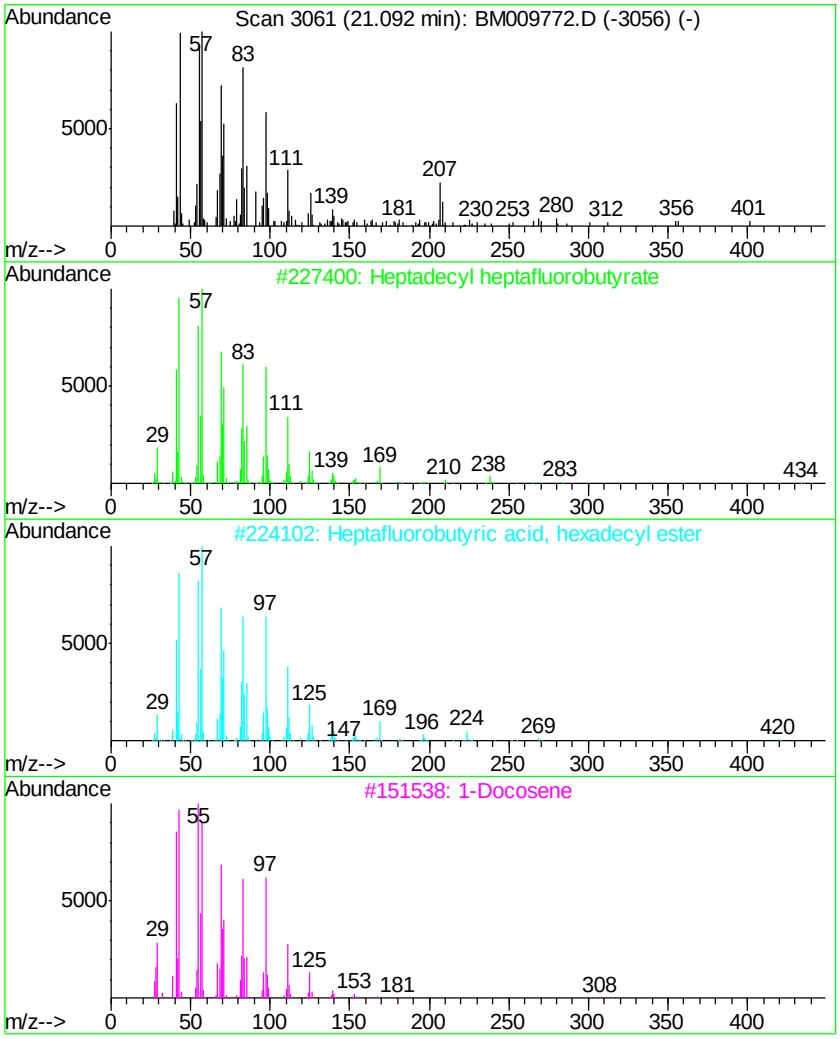
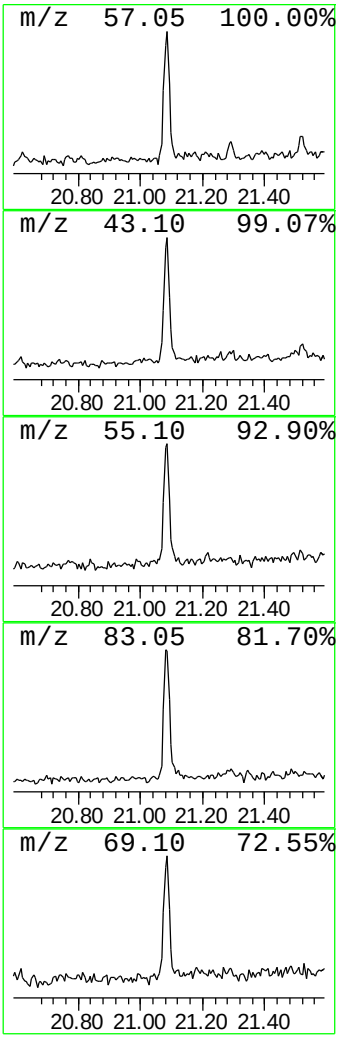
Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.68 ng/ul	450182	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
3	1-Docosene	308	C22H44	001599-67-3	90
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	87
5	17-Pentatriacontene	491	C35H70	006971-40-0	87





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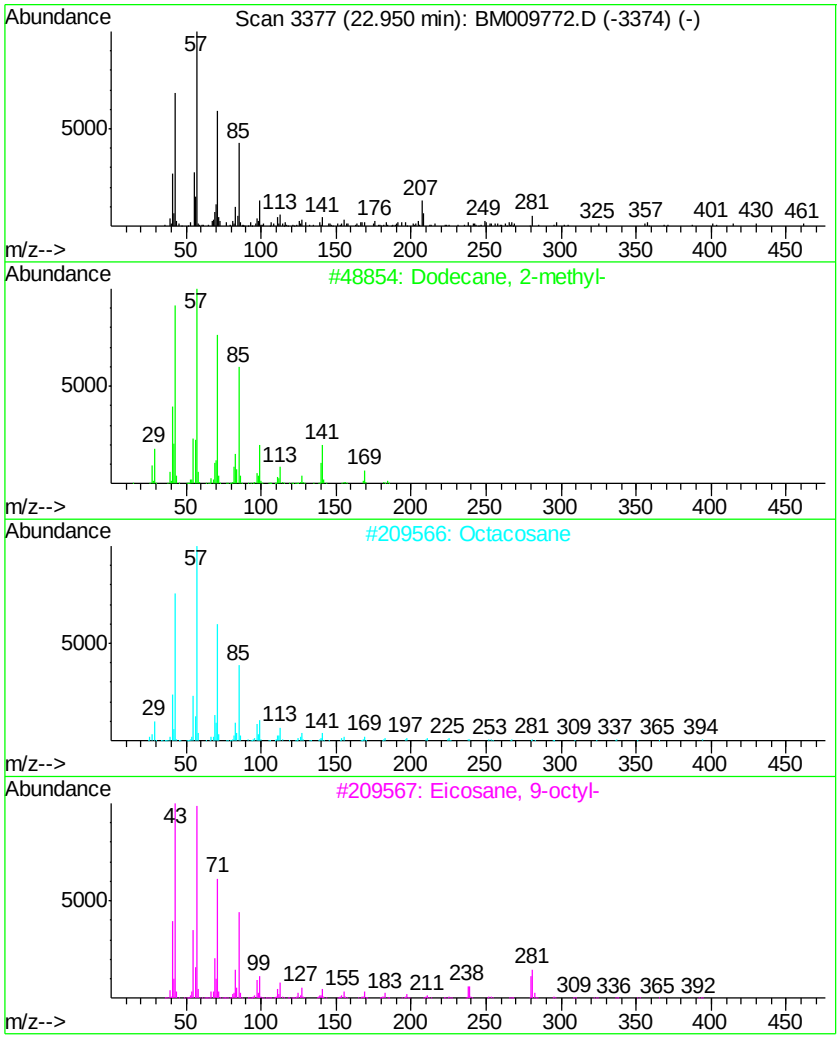
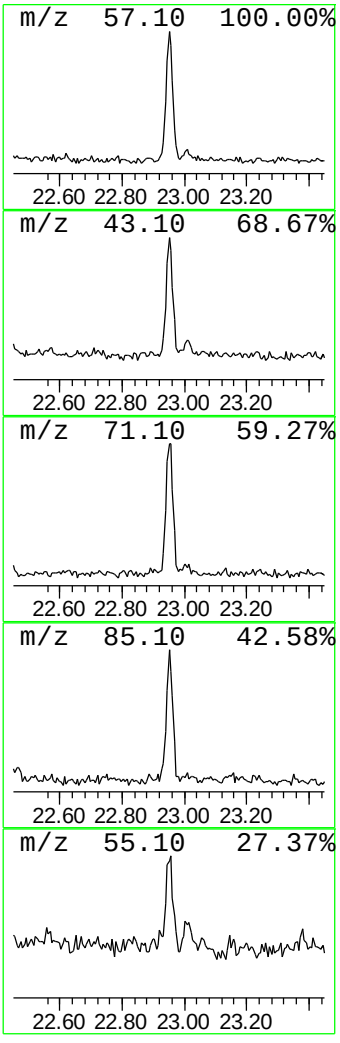
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	2.33 ng/ul	318696	Perylene-d12	23.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
2	Octacosane	394	C28H58	000630-02-4	62
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	58
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	58
5	Tetradecane	198	C14H30	000629-59-4	58





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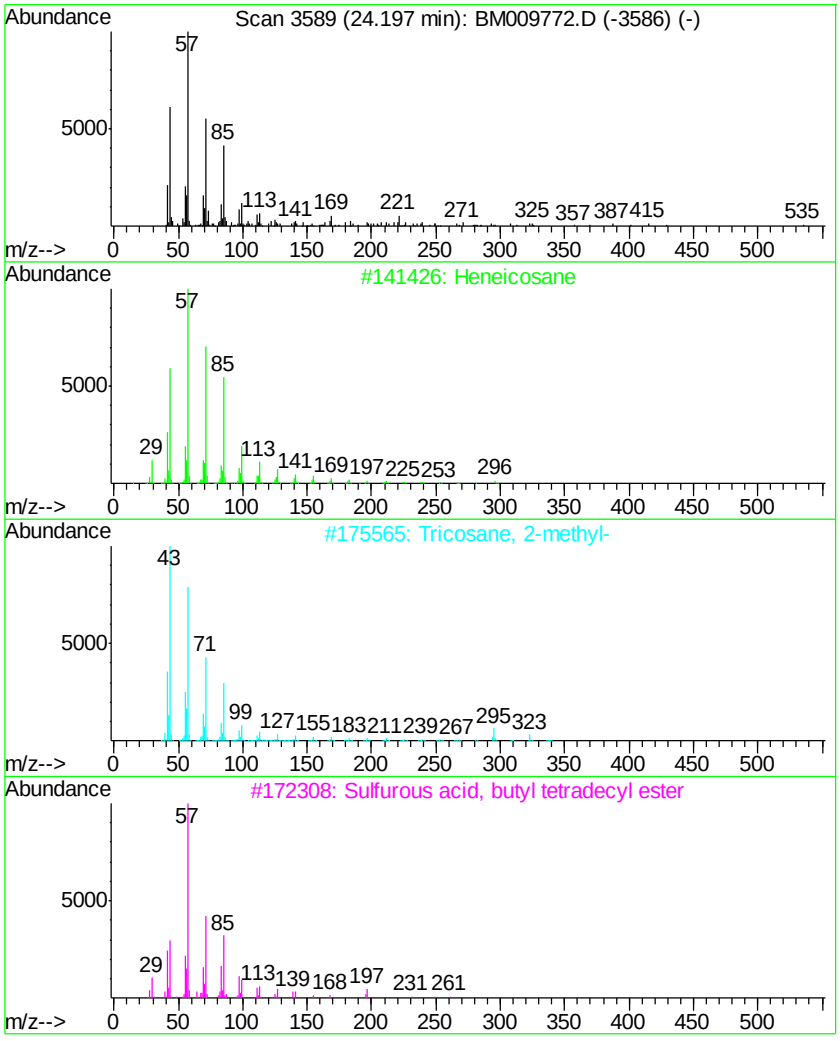
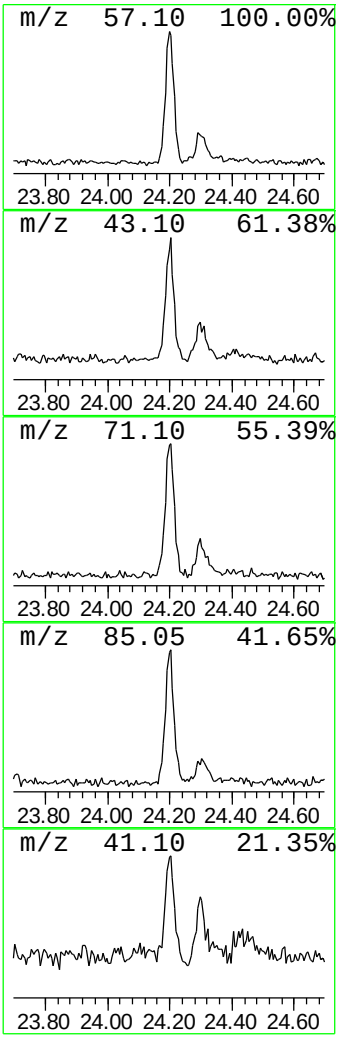
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	3.32 ng/ul	453528	Perylene-d12	23.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	81
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	80
3	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	80
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5	Hexadecane	226	C16H34	000544-76-3	80





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
n-Hexadecanoic acid	18.09	2.4	ng/ul	313930	4	17.22	2616610	20.0
Sesquirosefuran	20.14	64.1	ng/ul	10756600	5	21.40	3357860	20.0
Heptadecyl heptaf...	21.09	2.7	ng/ul	450182	5	21.40	3357860	20.0
(DEL) Alkane: Str...	22.95	2.3	ng/ul	318696	6	23.71	2731000	20.0
(DEL) Alkane: Str...	24.20	3.3	ng/ul	453528	6	23.71	2731000	20.0