LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090269.D
Acq On : 27 Sep 2016 23:10
Operator : UM/SJ
Sample : H4949-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-4-5-LOC-4(10-15)

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:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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	1.644	4	5	55	rVB	2632043	7281485	100.00%	19.684%
2	4.570	258	261	270	rBV	355798	696579	9.57%	1.883%
3	5.039	299	302	305	rBV	2319383	3152533	43.30%	8.522%
4	6.136	395	398	401	rBV	2321536	3245747	44.58%	8.774%
5	6.239	405	407	410	rVV	2451622	3306235	45.41%	8.938%
6	6.479	426	428	430	rBV	595812	768844	10.56%	2.078%
7	6.627	439	441	444	rBV	2120935	2495401	34.27%	6.746%
8	7.050	475	478	480	rBV	1963342	2068005	28.40%	5.591%
9	7.187	487	490	495	rVB	58657	79608	1.09%	0.215%
10	7.759	538	540	543	rBV	975074	1018537	13.99%	2.753%
11	8.845	632	635	637	rBV	3394798	3618861	49.70%	9.783%
12	9.245	667	670	672	rBV	1233499	1228282	16.87%	3.320%
13	9.496	690	692	695	rVB	1027042	1106141	15.19%	2.990%
14	9.965	731	733	734	rVB	82526	73567	1.01%	0.199%
15	10.285	758	761	764	rBV	1905853	1901517	26.11%	5.140%
16	10.433	772	774	778	rBV	94758	124824	1.71%	0.337%
17	10.971	818	821	823	rBV	899222	976190	13.41%	2.639%
18	11.531	868	870	877	rBV3	61539	83042	1.14%	0.224%
19	12.548	957	959	962	rBV	1889374	1999597	27.46%	5.406%
20	13.462	1037	1039	1046	rBV	88388	125703	1.73%	0.340%
21	13.577	1046	1049	1055	rBV	856655	862200	11.84%	2.331%
22	14.091	1092	1094	1097	rVB	73214	73268	1.01%	0.198%
23	14.891	1162	1164	1167	rBV	462343	705128	9.68%	1.906%

Sum of corrected areas: 36991294

LSC Report - Integrated Chromatogram

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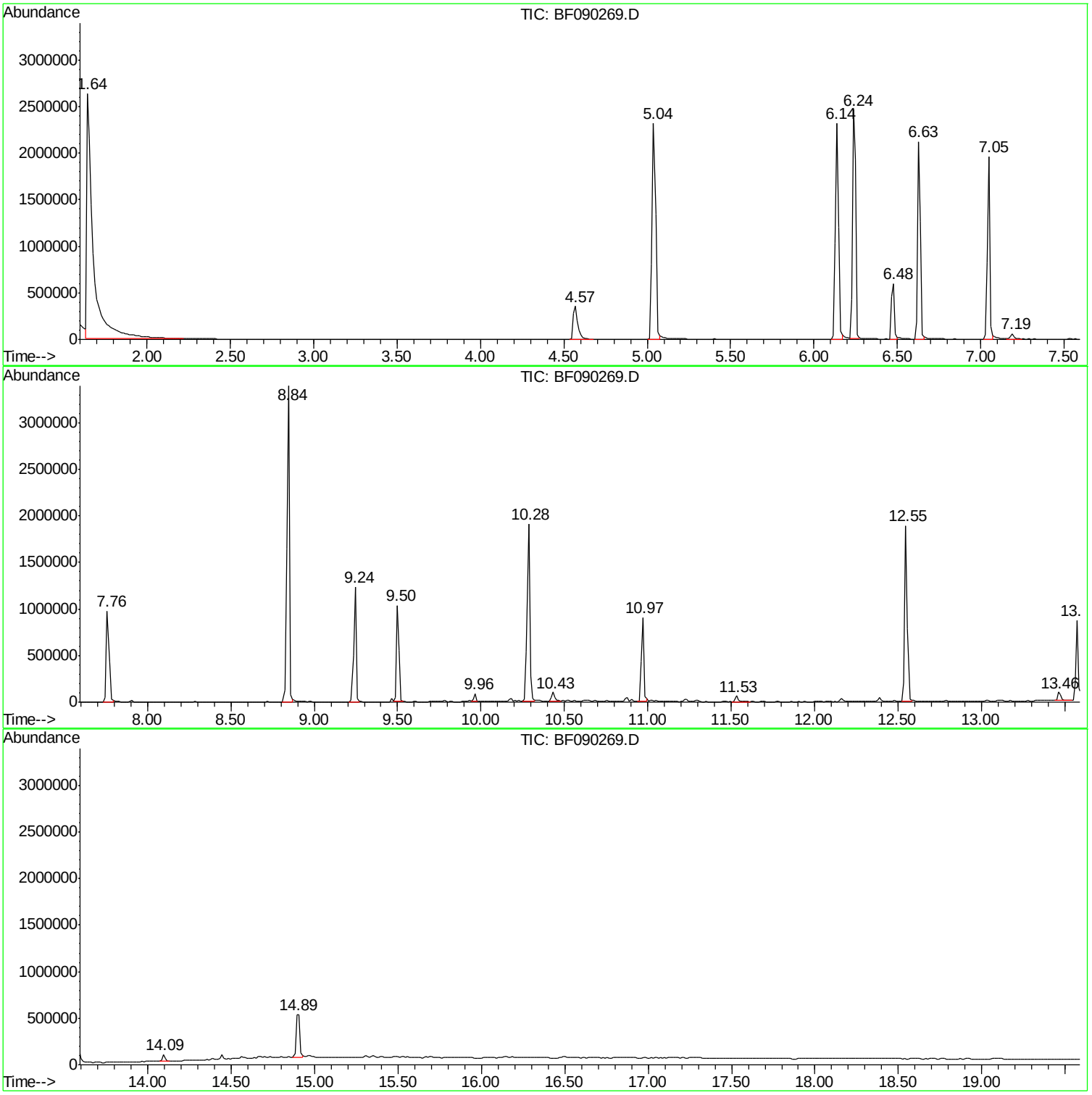
S-4-5-LOC-4(10-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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TIC Integration Parameters: LSCINT.P

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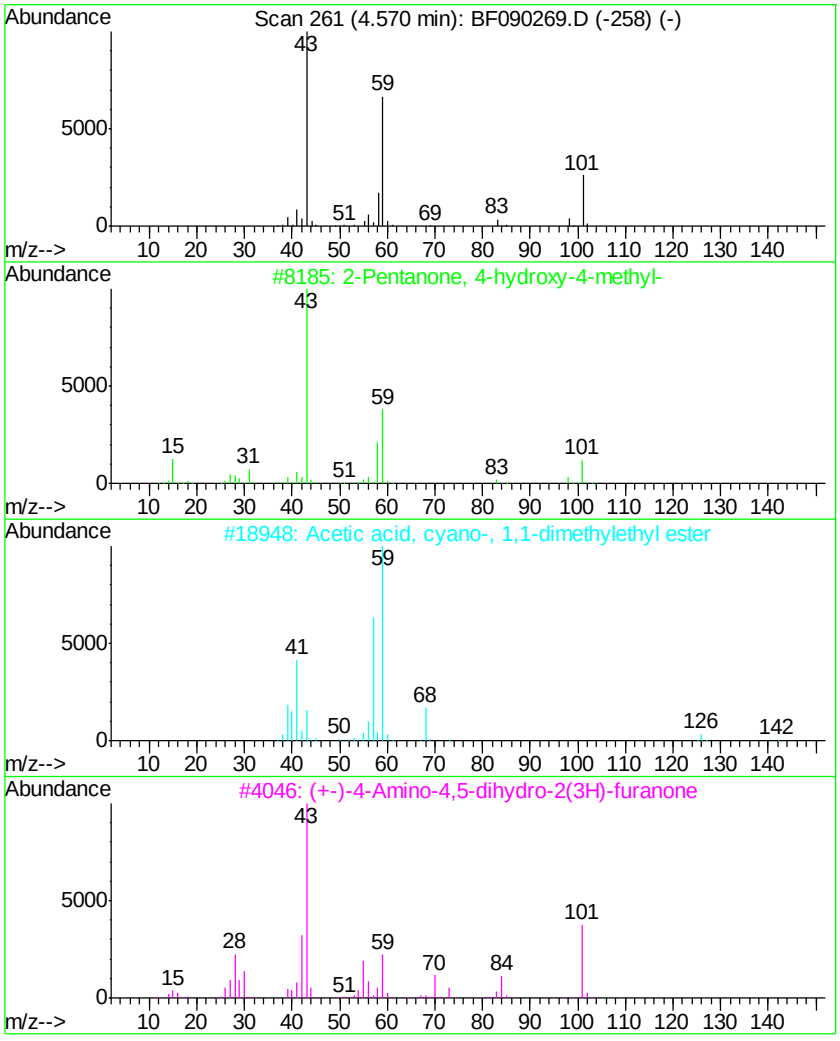
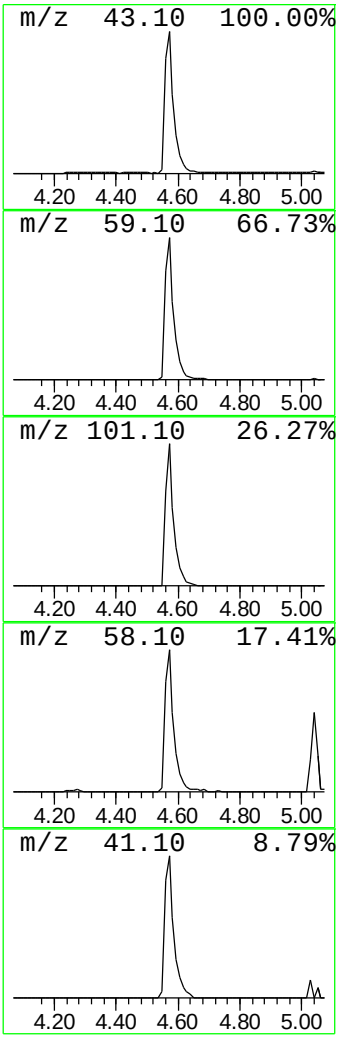
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	18.12 ng	696579	1,4-Dichlorobenzene-d4	6.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





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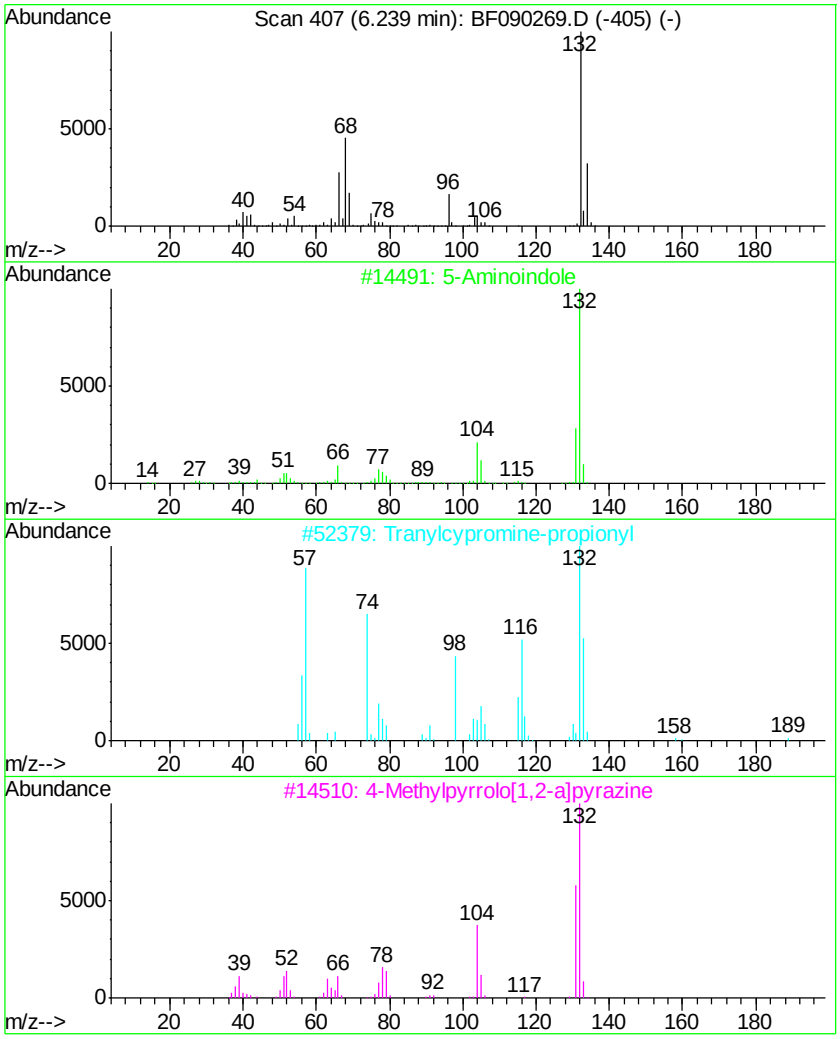
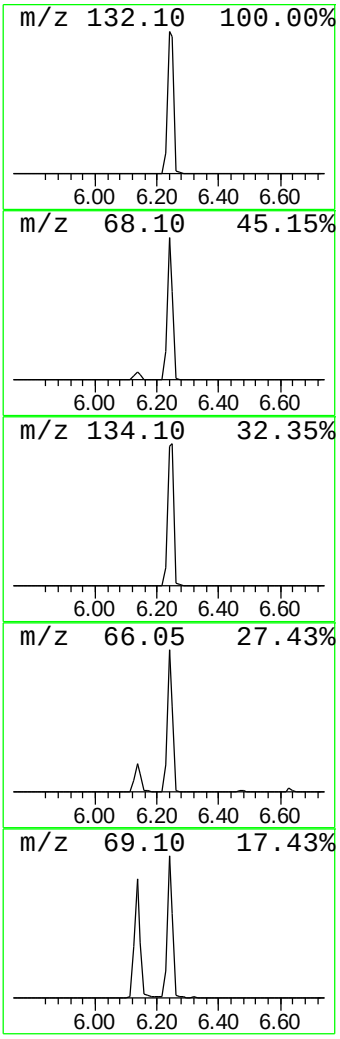
Peak Number 3 unknown6.24 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	86.01 ng	3306240	1,4-Dichlorobenzene-d4	6.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





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Sample : H4949-08
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-4-5-LOC-4(10-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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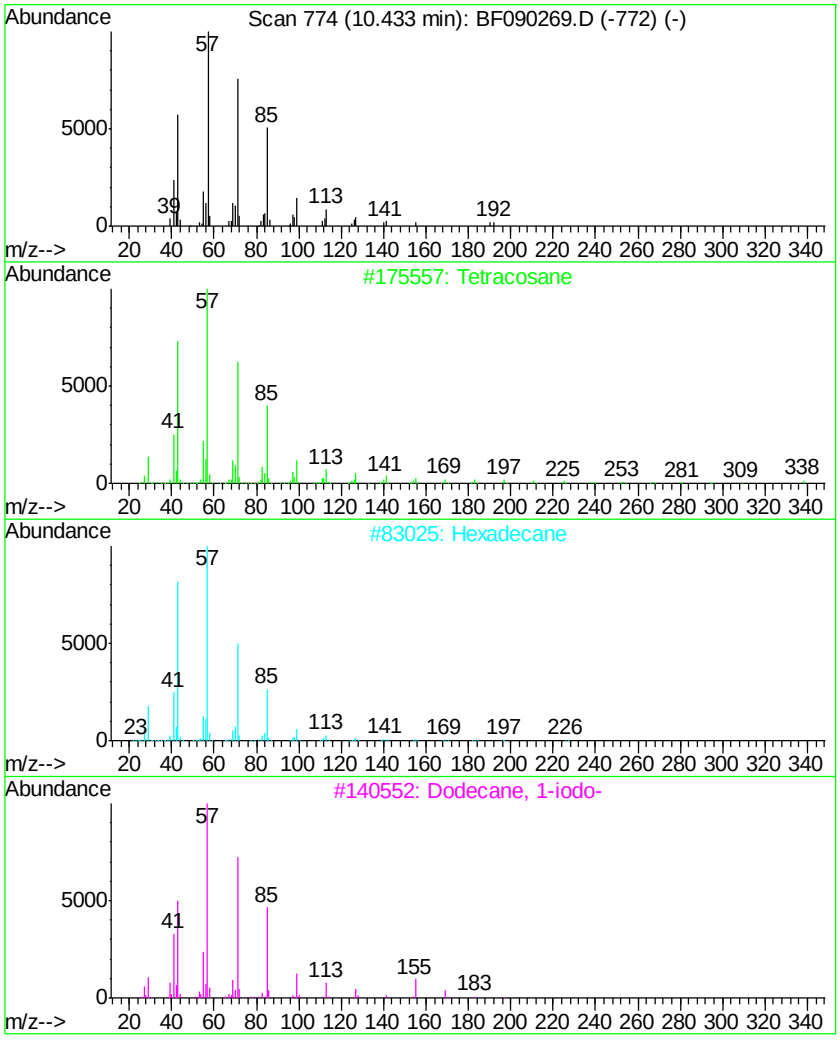
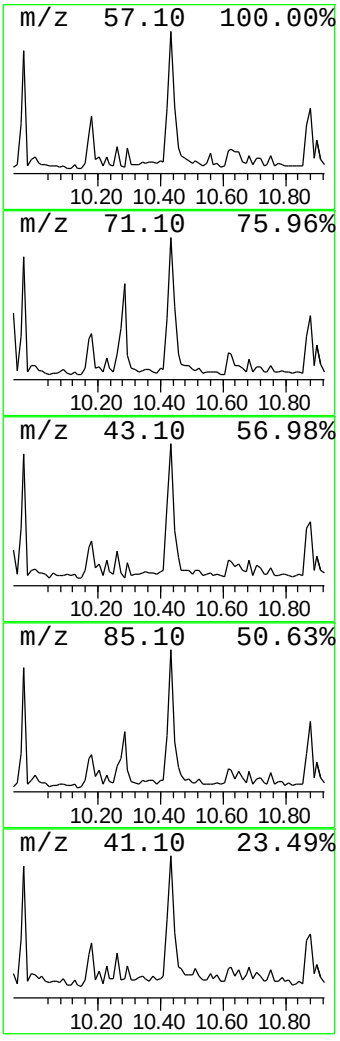
Peak Number 5 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.56 ng	124824	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Heptacosane	380	C27H56	000593-49-7	80
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80





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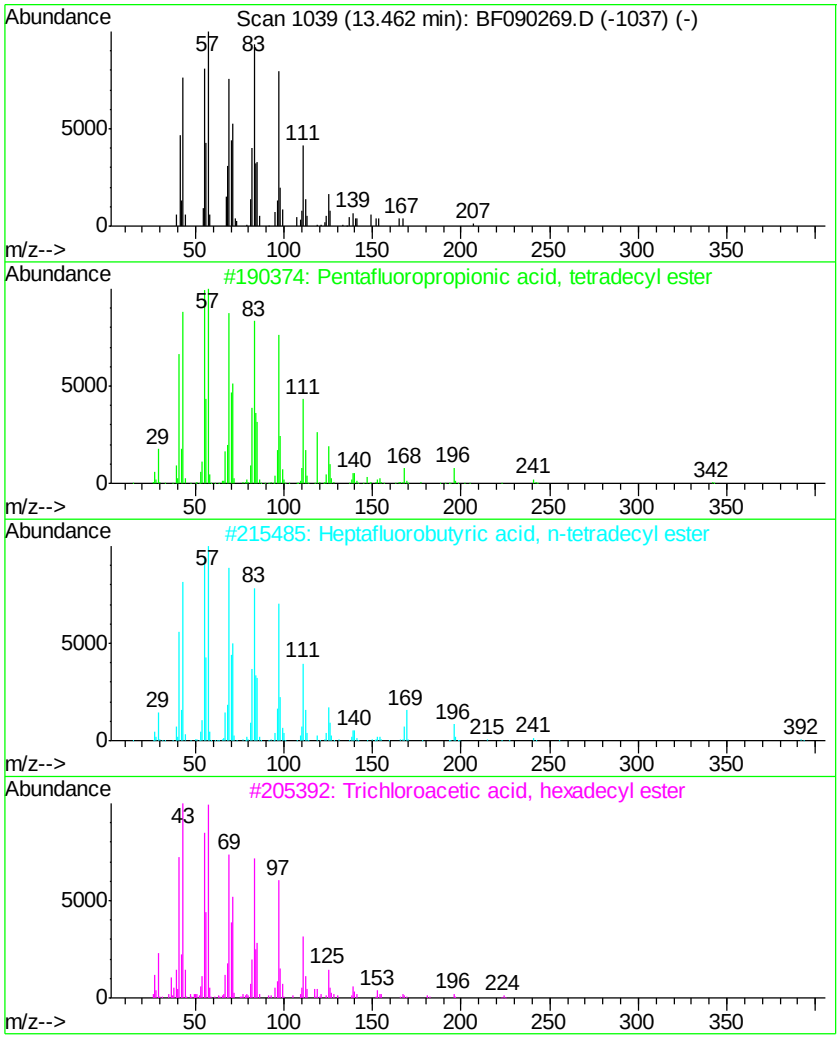
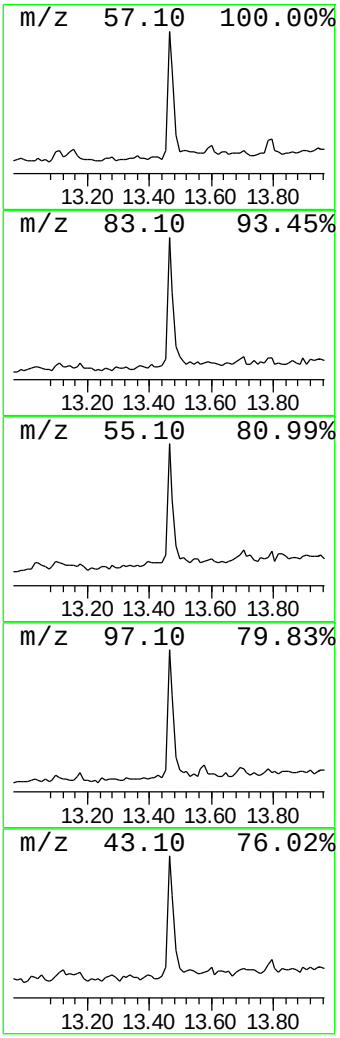
Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.92 ng	125703	Chrysene-d12	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	95
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	Behenic alcohol	326	C22H46O	000661-19-8	91





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
2-Pentanone, 4-hy...	4.57	18.1	ng	696579	1	6.48	768844	20.0
unknown6.24	6.24	86.0	ng	3306240	1	6.48	768844	20.0
Tetracosane	10.43	2.6	ng	124824	4	10.97	976190	20.0
Pentafluoropropio...	13.46	2.9	ng	125703	5	13.58	862200	20.0