LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102621.D
Acq On : 30 Jan 2018 2:27
Operator : SJ/JU
Sample : J1353-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-5(70-72)

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-BF012218.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	4.916	477	481	492	rBV	100735	150796	3.78%	0.447%
2	5.328	547	551	572	rBV	3788717	3986715	100.00%	11.810%
3	6.363	722	727	743	rBV	3486665	3931917	98.63%	11.647%
4	6.487	743	748	751	rBV	3924606	3850167	96.57%	11.405%
5	6.710	782	786	795	rBV	1305794	1105538	27.73%	3.275%
6	6.863	808	812	816	rBV	2917212	2869907	71.99%	8.501%
7	7.281	878	883	886	rBV	2249339	2175727	54.57%	6.445%
8	7.992	1000	1004	1022	rBV	1346934	1353149	33.94%	4.008%
9	9.069	1182	1187	1197	rBV	3688592	3716717	93.23%	11.010%
10	9.469	1250	1255	1262	rBV	317892	351698	8.82%	1.042%
11	9.675	1286	1290	1293	rBV	145806	119626	3.00%	0.354%
12	9.745	1298	1302	1311	rVB	1490527	1439165	36.10%	4.263%
13	10.175	1371	1375	1377	rVB	174196	144564	3.63%	0.428%
14	10.392	1407	1412	1414	rBV	46639	56116	1.41%	0.166%
15	10.539	1434	1437	1447	rBV	1899075	2017194	50.60%	5.975%
16	10.645	1452	1455	1465	rVB	161635	171097	4.29%	0.507%
17	11.092	1528	1531	1534	rBV	67302	65597	1.65%	0.194%
18	11.233	1551	1555	1570	rVB	1367010	1323928	33.21%	3.922%
19	12.821	1820	1825	1828	rBV	2781481	2622128	65.77%	7.767%
20	13.298	1901	1906	1910	rBV2	39122	44851	1.13%	0.133%
21	13.710	1973	1976	1990	rBV	311192	449588	11.28%	1.332%
22	13.874	2000	2004	2015	rBV	906384	921522	23.11%	2.730%
23	15.310	2242	2248	2256	rBV	686674	890212	22.33%	2.637%

Sum of corrected areas: 33757919

LSC Report - Integrated Chromatogram

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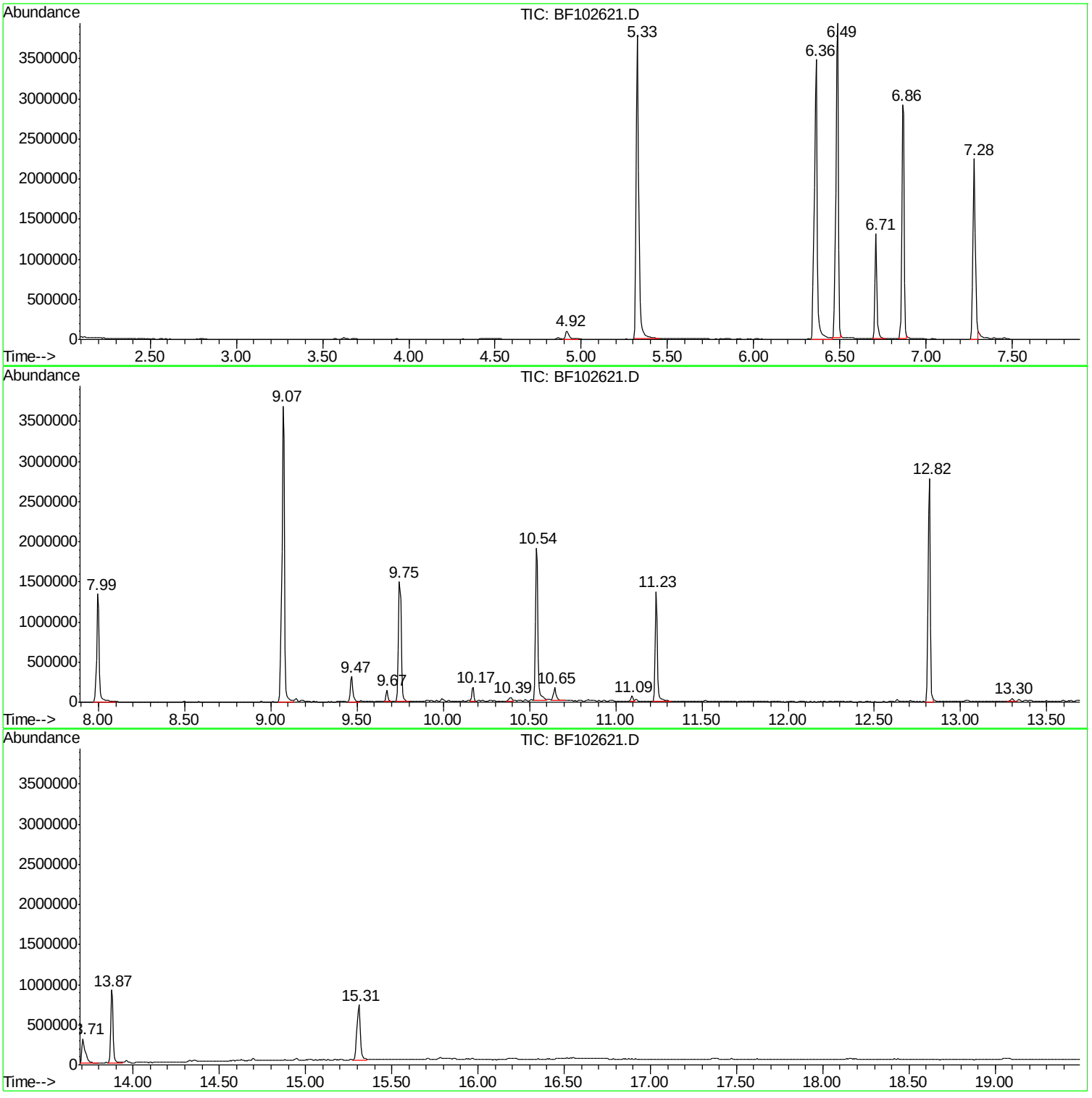
Instrument :
BNA_F
ClientSampleId :
EPE-106-5(70-72)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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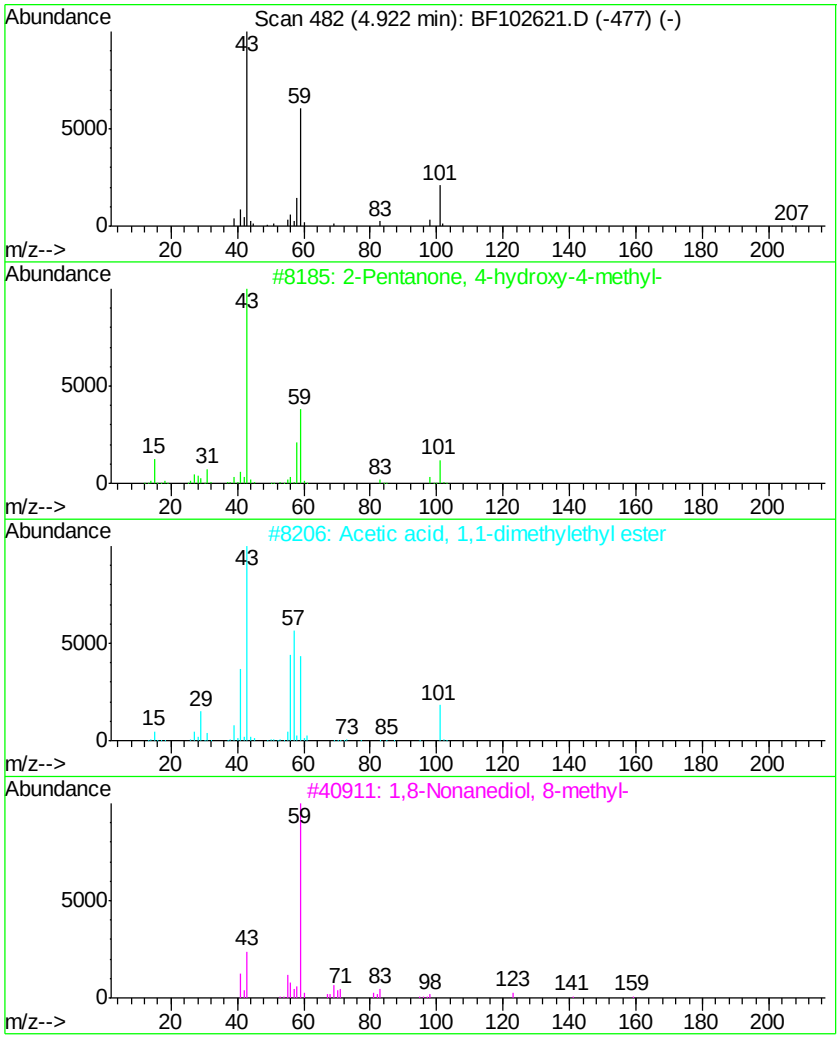
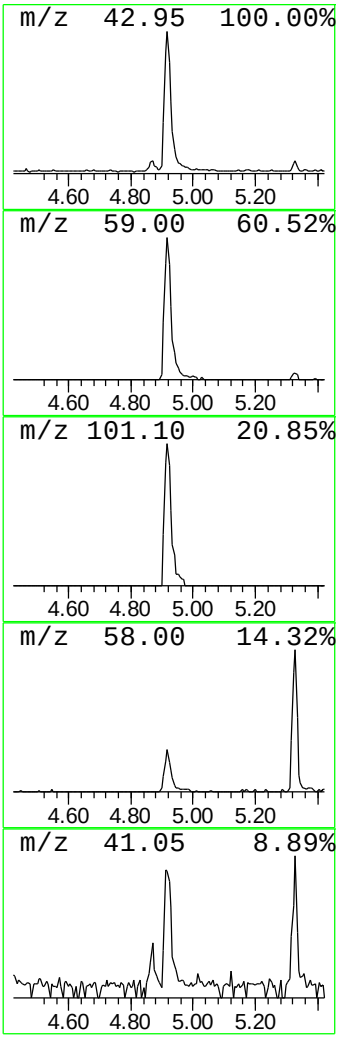
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	2.73 ng	150796	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





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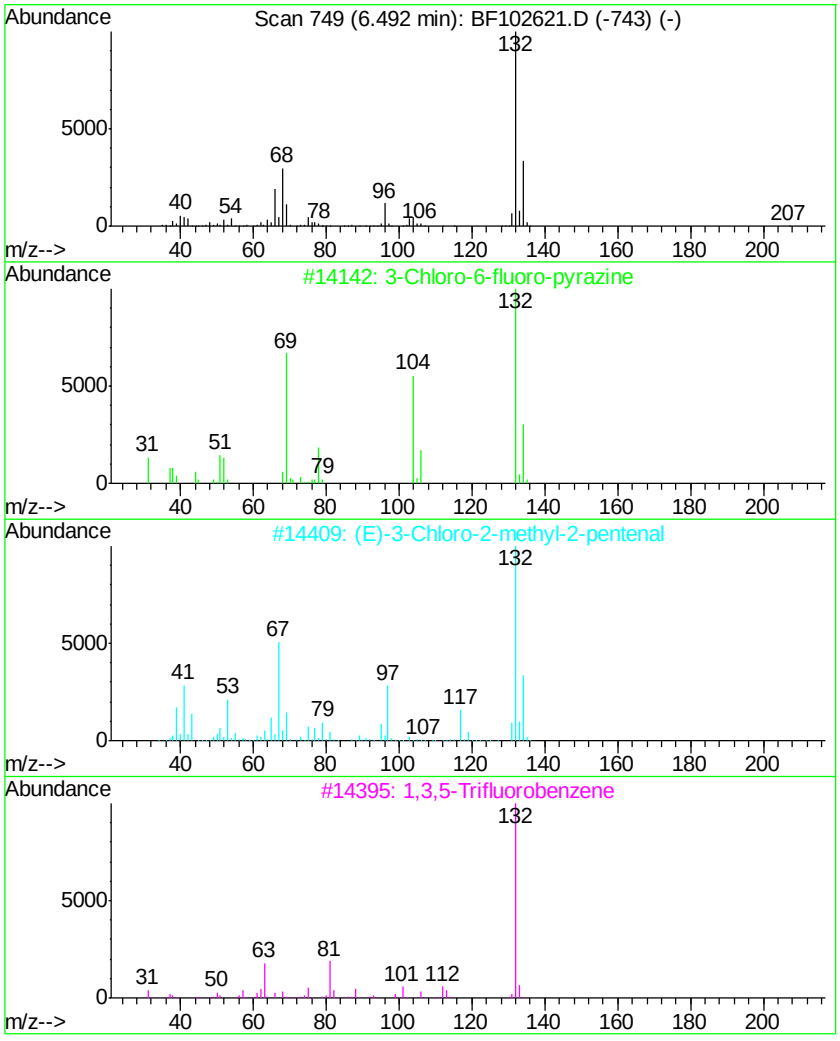
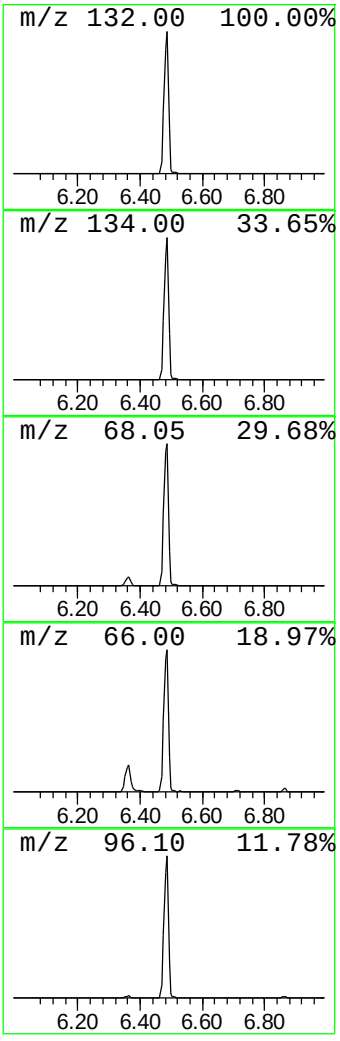
Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	69.65 ng	3850170	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-5(70-72)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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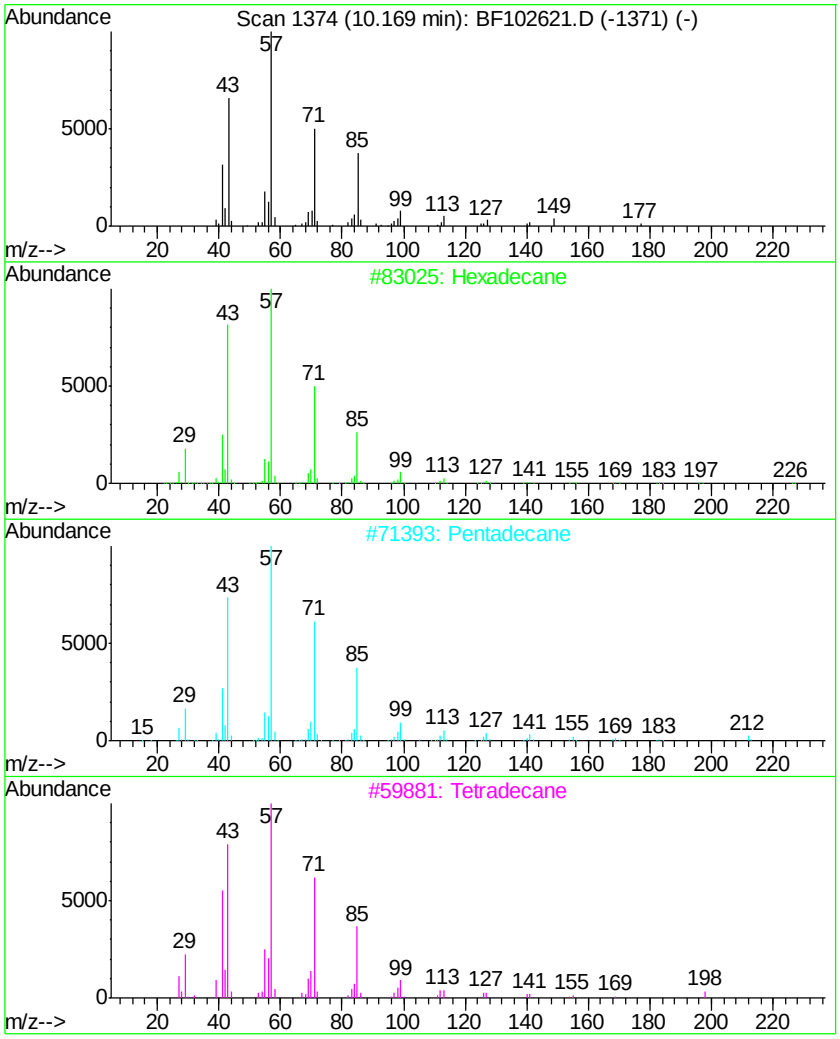
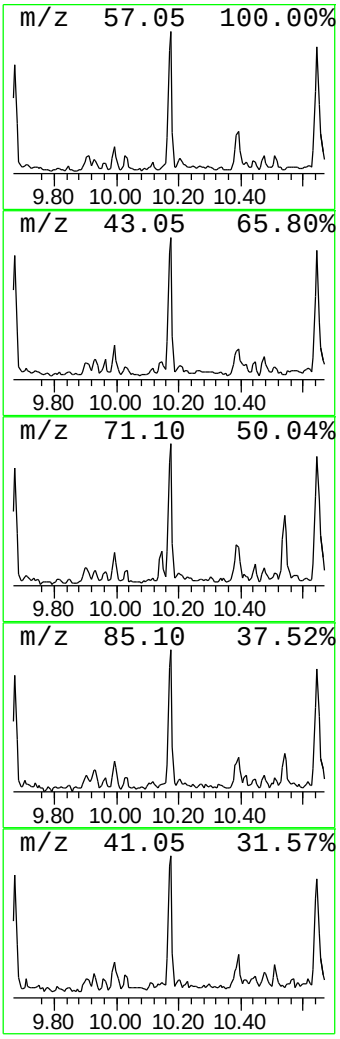
Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.01 ng	144564	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Heptadecane	240	C17H36	000629-78-7	80
5	Tridecane	184	C13H28	000629-50-5	78





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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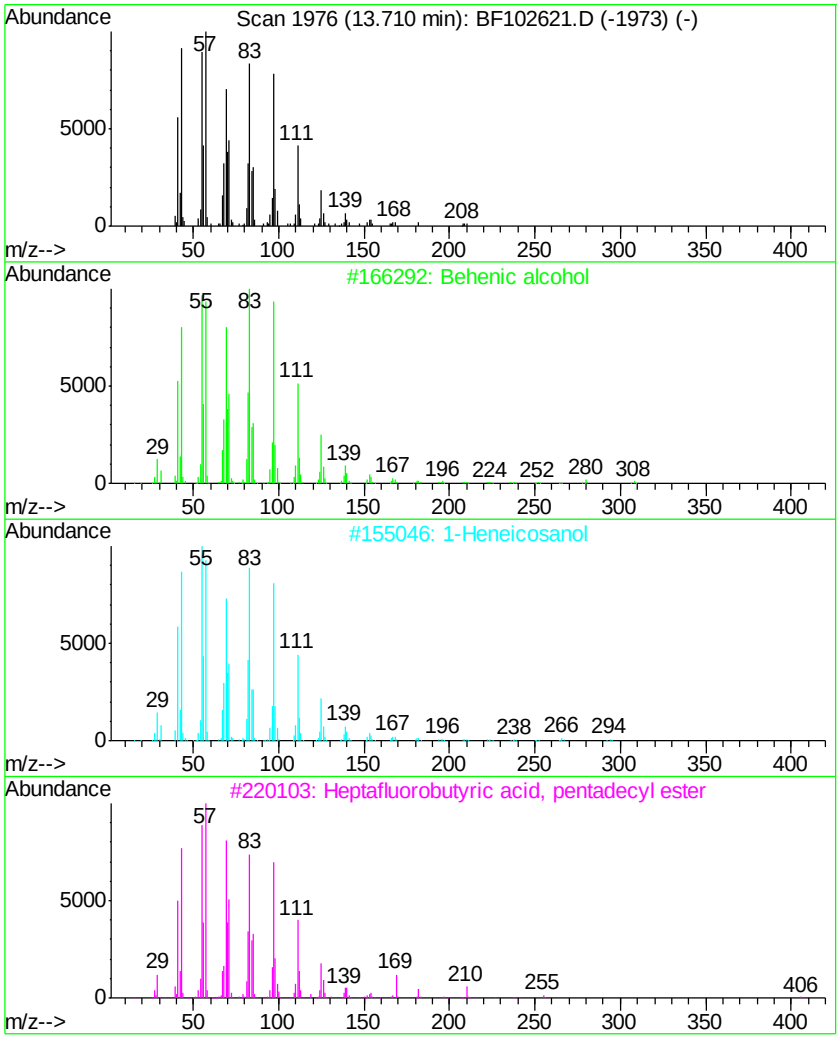
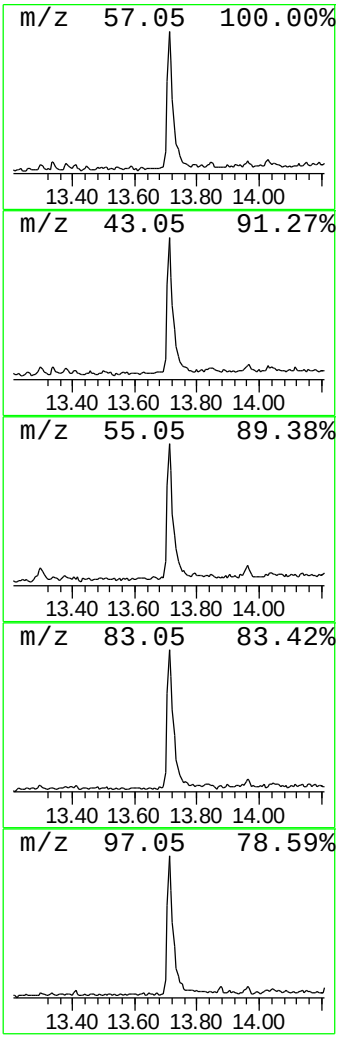
Peak Number 6 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	9.76 ng	449588	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	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...	4.92	2.7	ng	150796	1	6.71	1105540	20.0
unknown6.49	6.49	69.7	ng	3850170	1	6.71	1105540	20.0
Hexadecane	10.17	2.0	ng	144564	3	9.75	1439170	20.0
Behenic alcohol	13.71	9.8	ng	449588	5	13.87	921522	20.0