LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096953.D
Acq On : 21 Jul 2017 19:31
Operator : SJ/JU
Sample : I4352-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-001-B

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-BF071317.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	4.722	461	465	478	rBV	376935	582472	20.13%	2.410%
2	5.169	536	541	544	rBV	2785125	2811932	97.18%	11.637%
3	6.216	714	719	734	rBV	2307875	2893404	100.00%	11.974%
4	6.328	734	738	742	rBV	2660707	2706177	93.53%	11.199%
5	6.557	773	777	780	rBV	708372	625819	21.63%	2.590%
6	6.710	799	803	807	rBV	1929692	1906047	65.88%	7.888%
7	7.122	868	873	876	rBV	1789717	1836371	63.47%	7.599%
8	7.839	991	995	998	rBV	1105236	974228	33.67%	4.032%
9	8.916	1173	1178	1181	rBV	2739023	2696765	93.20%	11.160%
10	9.310	1242	1245	1248	rBV	467020	397695	13.74%	1.646%
11	9.586	1287	1292	1295	rBV	1025484	917485	31.71%	3.797%
12	9.751	1316	1320	1326	rBV4	24744	43239	1.49%	0.179%
13	10.039	1365	1369	1372	rVB	59906	54735	1.89%	0.227%
14	10.257	1400	1406	1408	rBV	25054	33203	1.15%	0.137%
15	10.369	1421	1425	1429	rBV	1176869	1146810	39.64%	4.746%
16	10.504	1445	1448	1458	rBV	73057	100213	3.46%	0.415%
17	10.951	1521	1524	1527	rBV	53588	45265	1.56%	0.187%
18	11.057	1538	1542	1546	rBV	667945	622106	21.50%	2.574%
19	12.486	1782	1785	1788	rVB	38689	38341	1.33%	0.159%
20	12.645	1807	1812	1815	rBV	1891266	1786580	61.75%	7.393%
21	12.869	1846	1850	1852	rBV3	29461	30867	1.07%	0.128%
22	13.551	1962	1966	1971	rBV	279807	309220	10.69%	1.280%
23	13.686	1984	1989	1992	rBV	759406	769106	26.58%	3.183%
24	13.792	2004	2007	2009	rBV3	22474	29889	1.03%	0.124%
25	14.186	2070	2074	2078	rBV	112547	125272	4.33%	0.518%
26	15.051	2216	2221	2228	rBV	592850	681426	23.55%	2.820%

Sum of corrected areas: 24164667

LSC Report - Integrated Chromatogram

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Instrument : BNA_F
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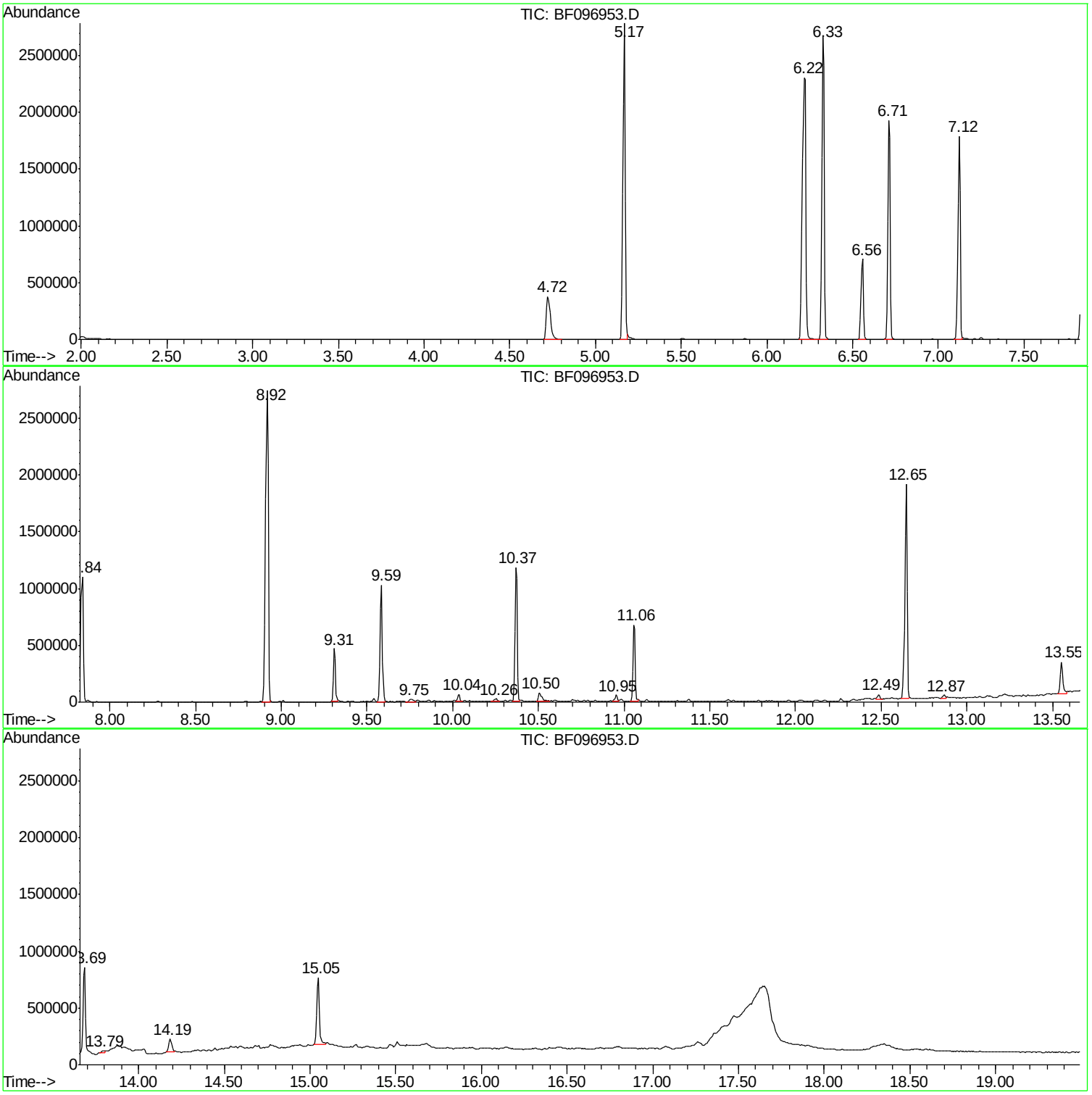
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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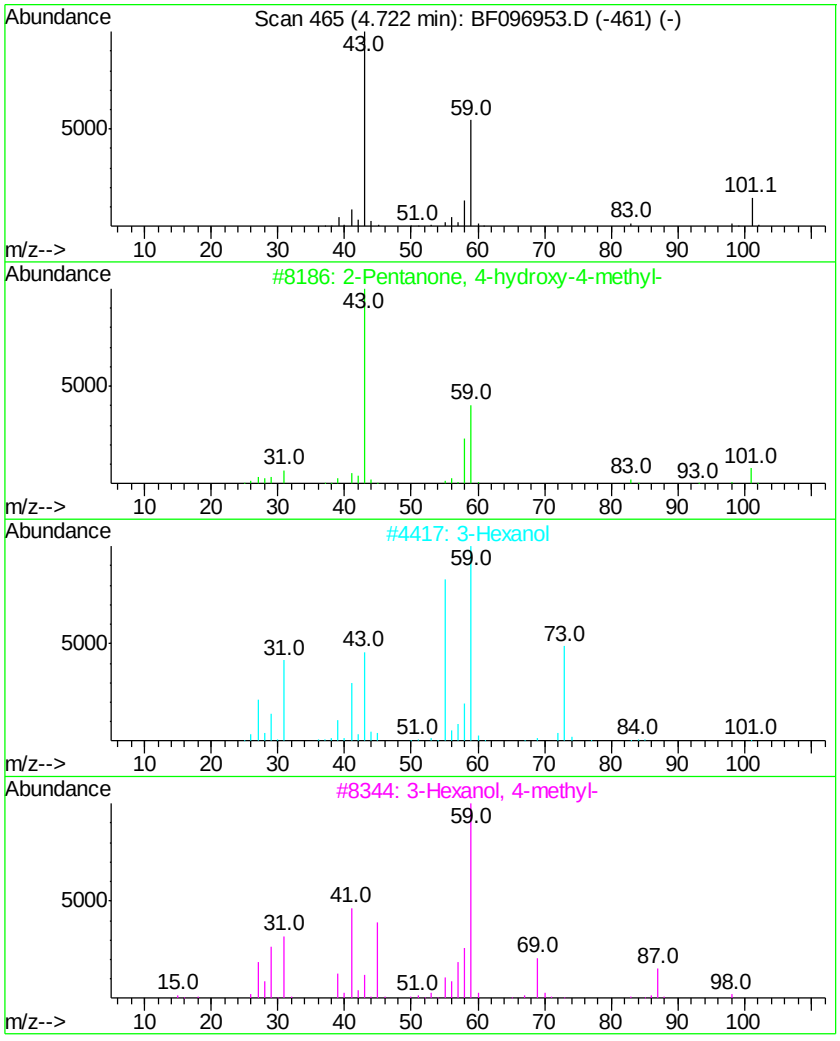
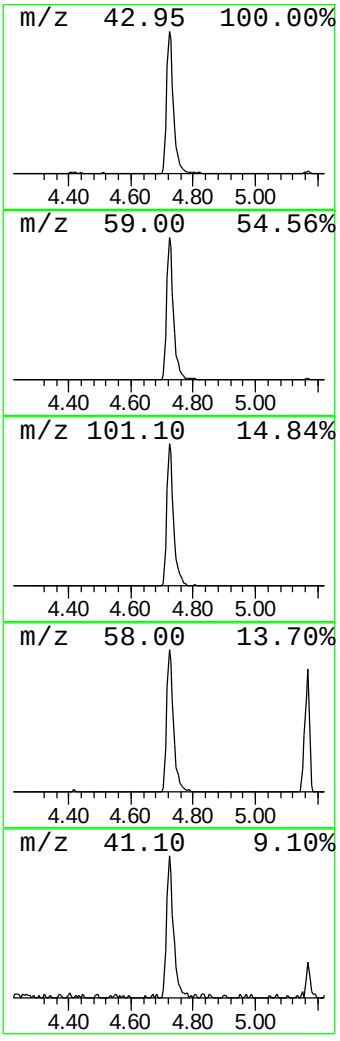
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	18.61 ng	582472	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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ClientSampleId : FK-SF-03-001-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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TIC Library : C:\DATABASE\NIST11.L
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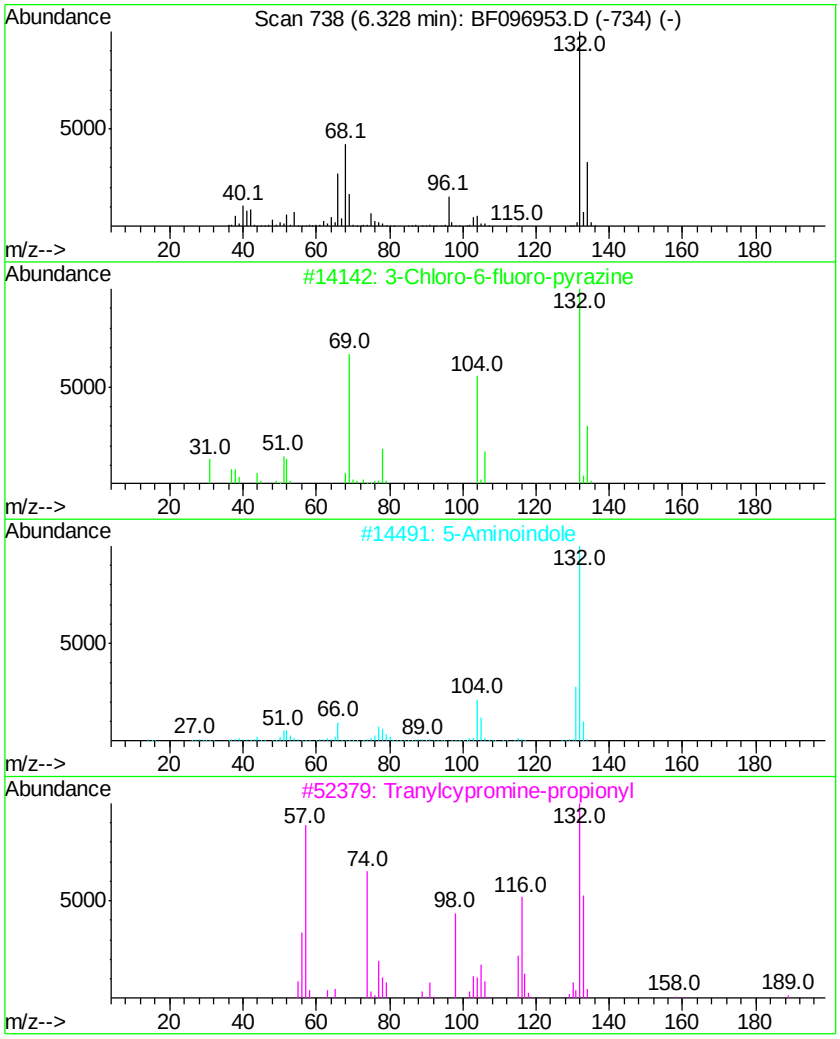
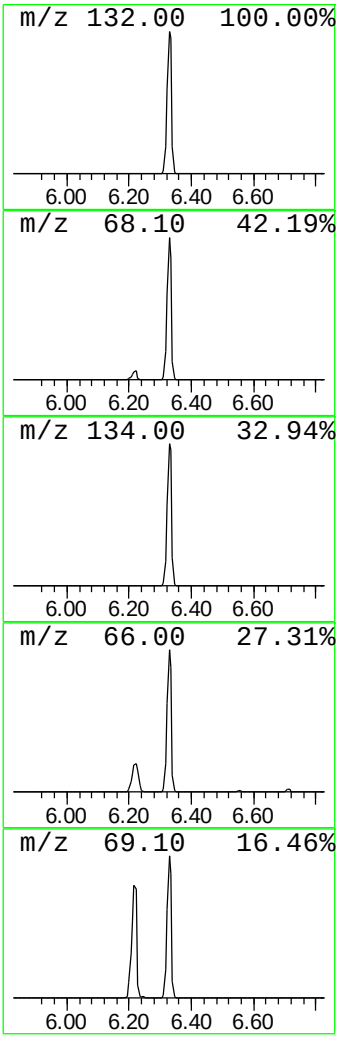
Peak Number 2 unknown6.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	86.48 ng	2706180	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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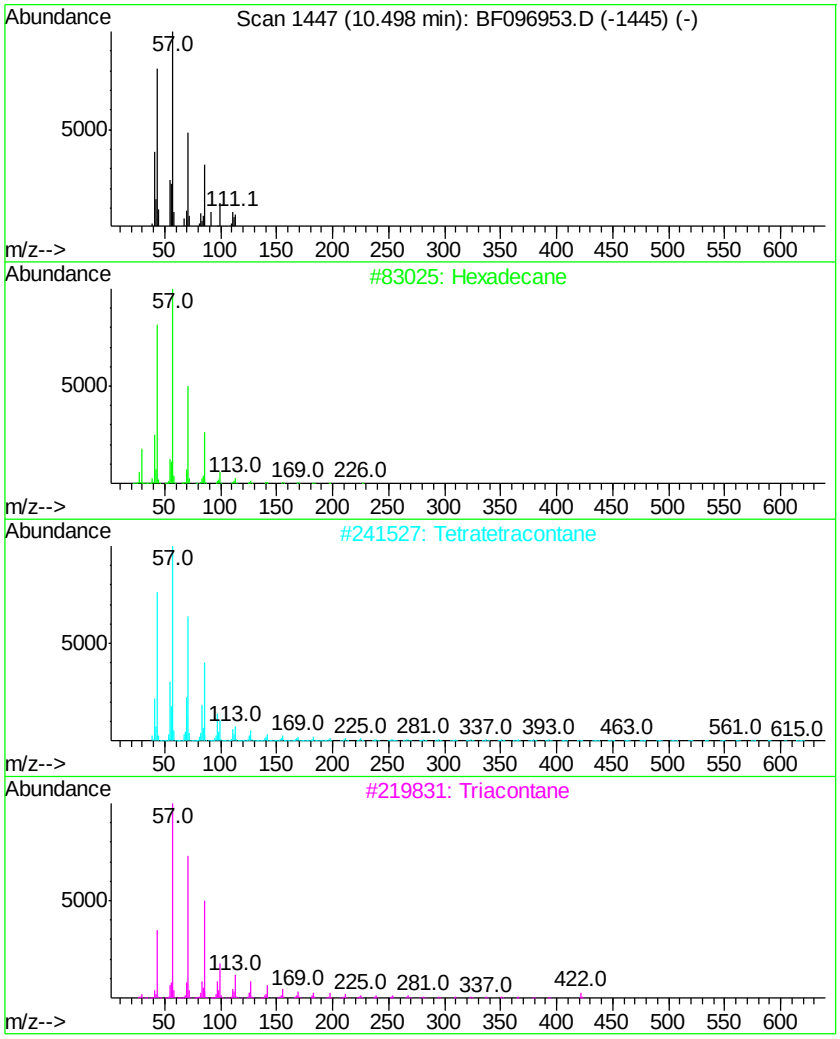
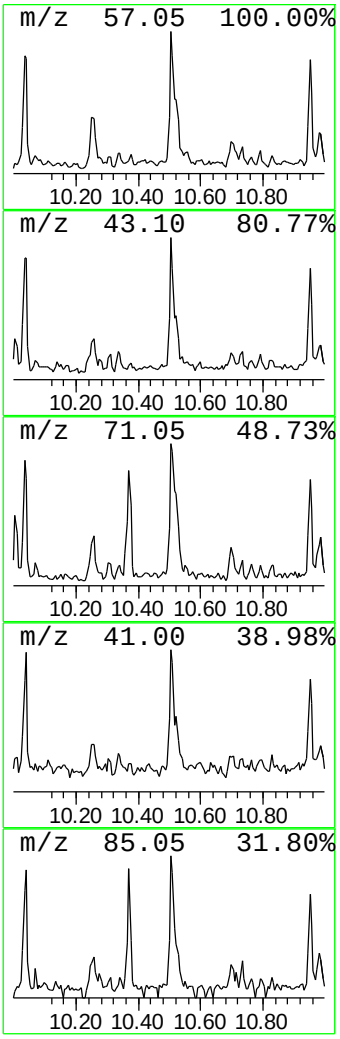
Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	3.22 ng	100213	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	Triacontane	422	C30H62	000638-68-6	83
4	Tridecane	184	C13H28	000629-50-5	80
5	Eicosane	282	C20H42	000112-95-8	72





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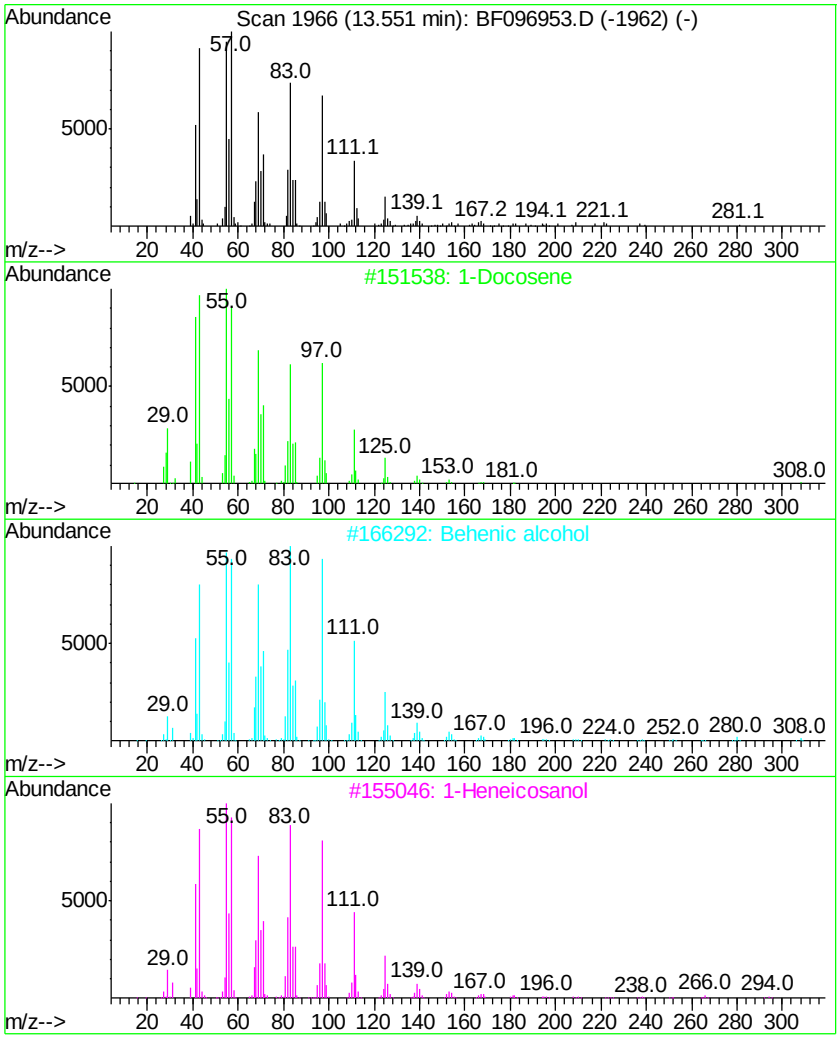
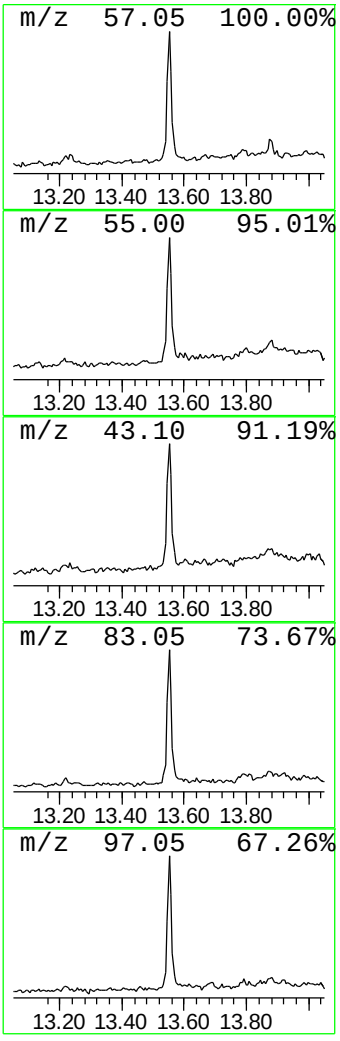
Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	8.04 ng	309220	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





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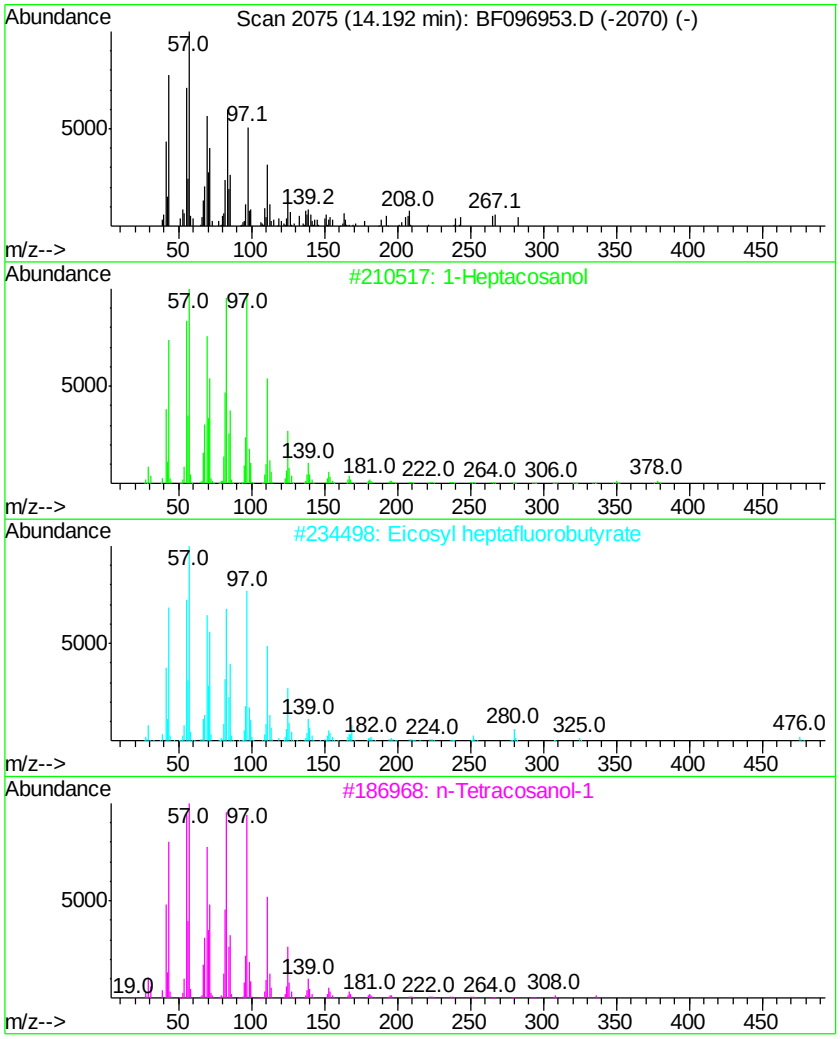
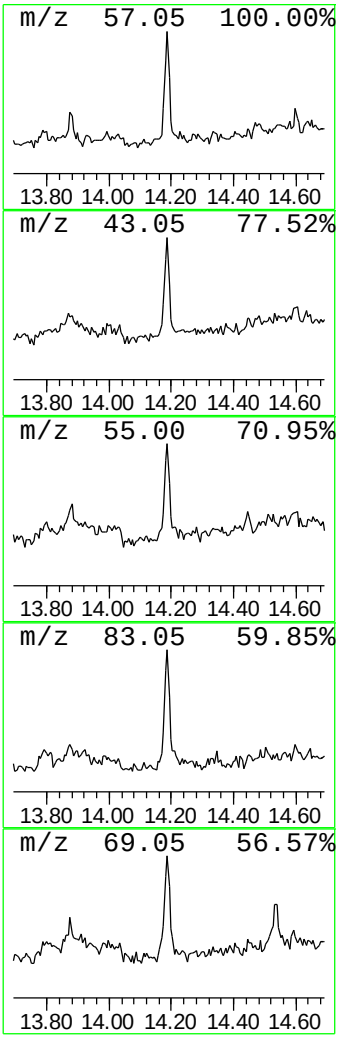
Peak Number 6 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	3.26 ng	125272	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	1-Heneicosanol	312	C21H44O	015594-90-8	90
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	90





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...	4.72	18.6	ng	582472	1	6.56	625819	20.0
unknown6.33	6.33	86.5	ng	2706180	1	6.56	625819	20.0
Hexadecane	10.50	3.2	ng	100213	4	11.06	622106	20.0
1-Docosene	13.55	8.0	ng	309220	5	13.69	769106	20.0
1-Heptacosanol	14.19	3.3	ng	125272	5	13.69	769106	20.0