LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096748.D
Acq On : 14 Jul 2017 00:54
Operator : SJ/JU
Sample : I4145-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRANSFORMER-3-4-5-COMP

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	2.957	163	165	174	rBV	13215	32442	1.21%	0.149%
2	4.822	477	482	493	rVB	302278	407632	15.17%	1.870%
3	5.251	549	555	558	rBV	2466179	2637408	98.14%	12.098%
4	6.281	725	730	733	rBV	2429733	2687426	100.00%	12.327%
5	6.410	747	752	755	rBV	2664893	2545523	94.72%	11.676%
6	6.640	787	791	794	rBV	855217	731454	27.22%	3.355%
7	6.792	813	817	821	rBV	2048697	1990865	74.08%	9.132%
8	7.198	881	886	889	rBV	1547917	1547392	57.58%	7.098%
9	7.310	899	905	913	rBV	31294	37710	1.40%	0.173%
10	7.922	1005	1009	1012	rBV	1040040	904130	33.64%	4.147%
11	8.639	1128	1131	1135	rBV	88792	66011	2.46%	0.303%
12	8.998	1187	1192	1195	rBV	2746645	2387124	88.83%	10.950%
13	9.339	1246	1250	1253	rBV	125056	114505	4.26%	0.525%
14	9.392	1255	1259	1262	rBV	396963	322505	12.00%	1.479%
15	9.669	1302	1306	1310	rBV	911987	761742	28.34%	3.494%
16	10.116	1379	1382	1385	rVB	35221	31012	1.15%	0.142%
17	10.451	1435	1439	1443	rBV	1088750	1053479	39.20%	4.832%
18	10.592	1459	1463	1472	rBV	55181	73689	2.74%	0.338%
19	11.033	1535	1538	1541	rBV2	48600	42508	1.58%	0.195%
20	11.145	1553	1557	1560	rBV	718303	617200	22.97%	2.831%
21	11.392	1593	1599	1602	rBV4	26349	32680	1.22%	0.150%
22	11.463	1608	1611	1617	rVB	29742	30633	1.14%	0.141%
23	12.351	1759	1762	1765	rBV	32941	29981	1.12%	0.138%
24	12.733	1823	1827	1830	rBV	1700761	1555124	57.87%	7.133%
25	13.639	1978	1981	1987	rBV	182244	201736	7.51%	0.925%
26	13.774	2000	2004	2008	rBV	614138	568334	21.15%	2.607%
27	15.162	2236	2240	2245	rBV	312263	390166	14.52%	1.790%

Sum of corrected areas: 21800411

LSC Report - Integrated Chromatogram

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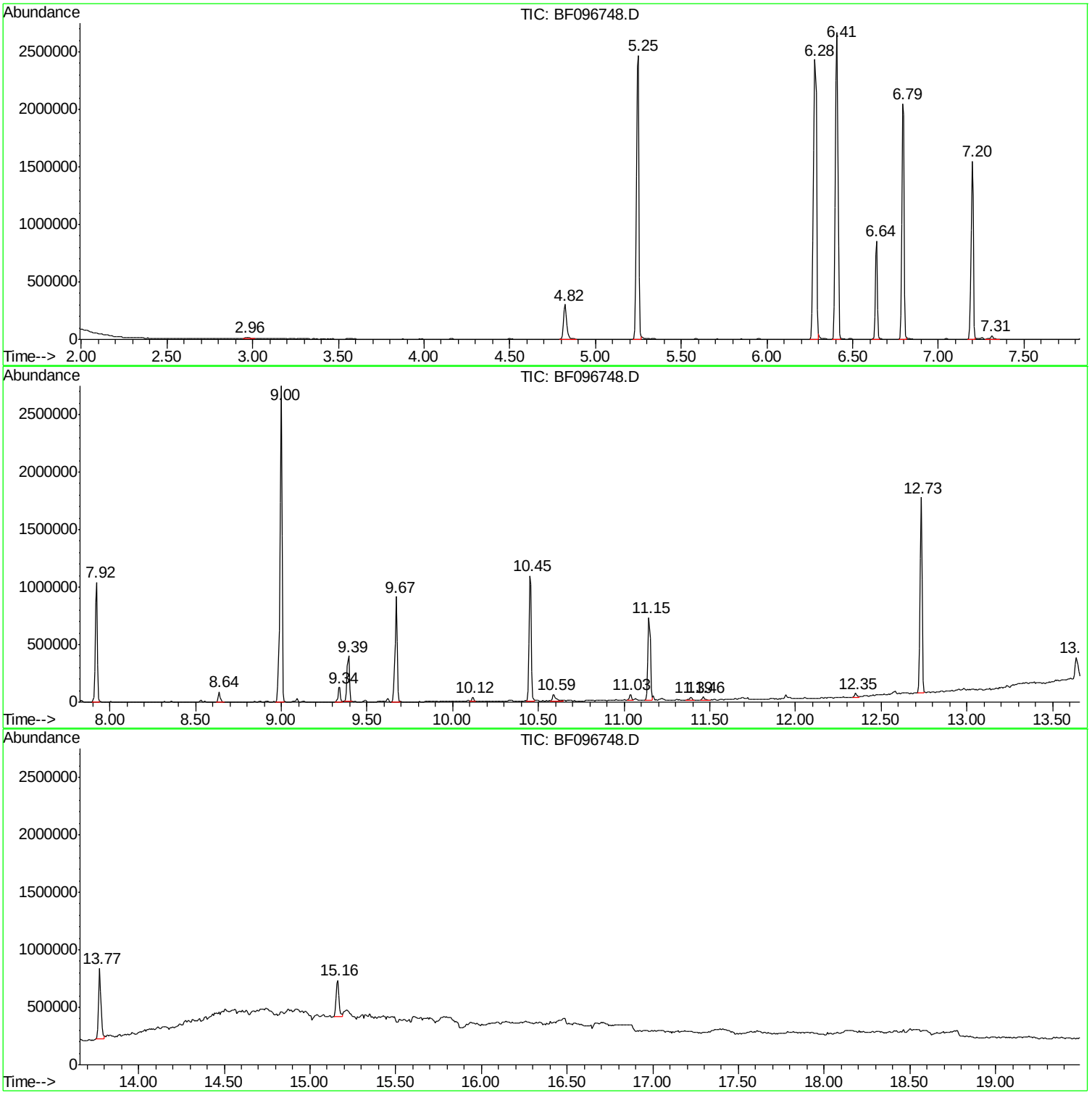
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-3-4-5-COMP

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



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

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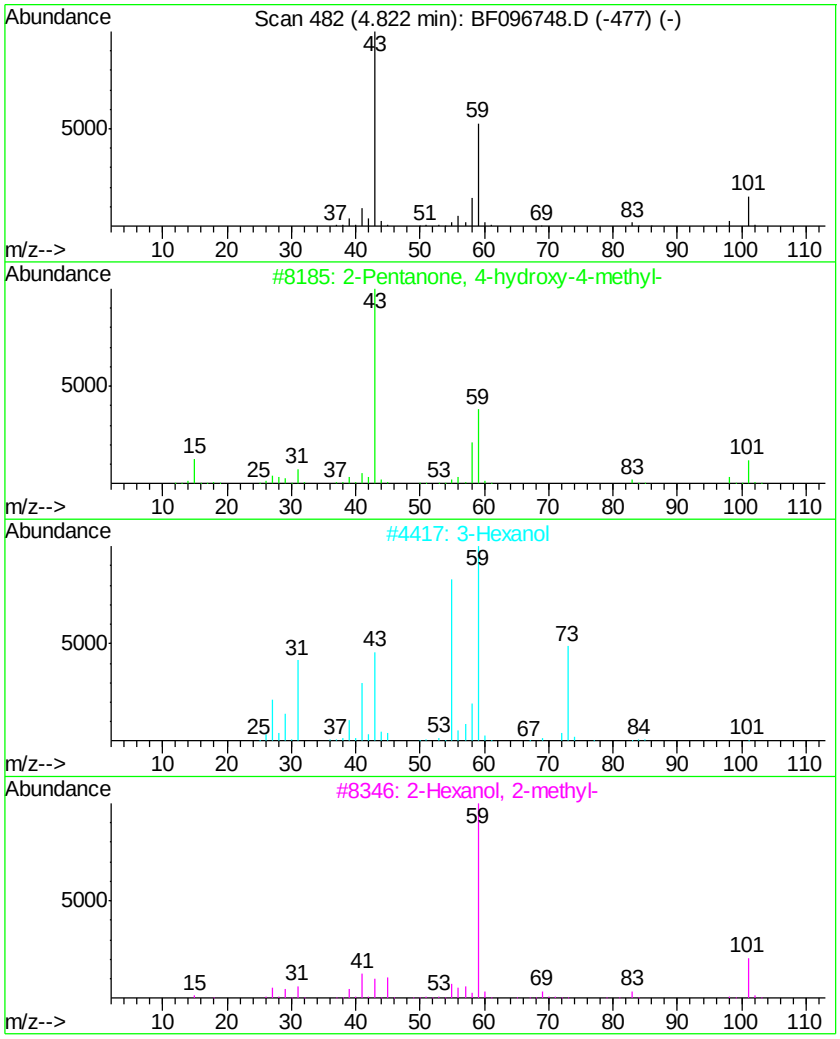
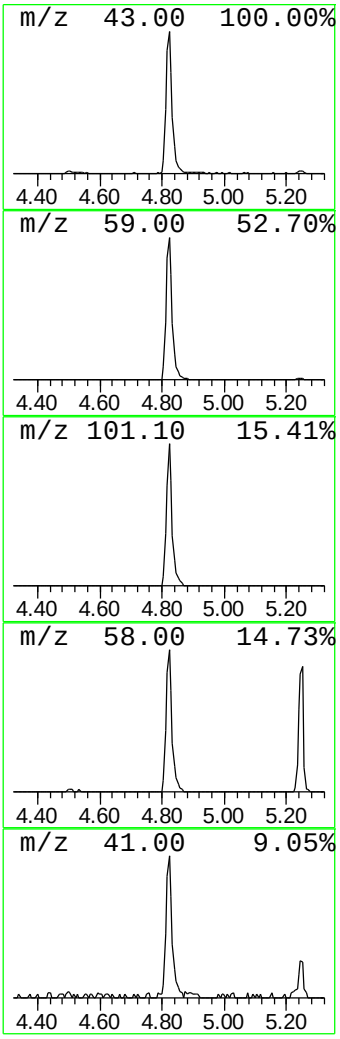
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	11.15 ng	407632	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-3-4-5-COMP

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

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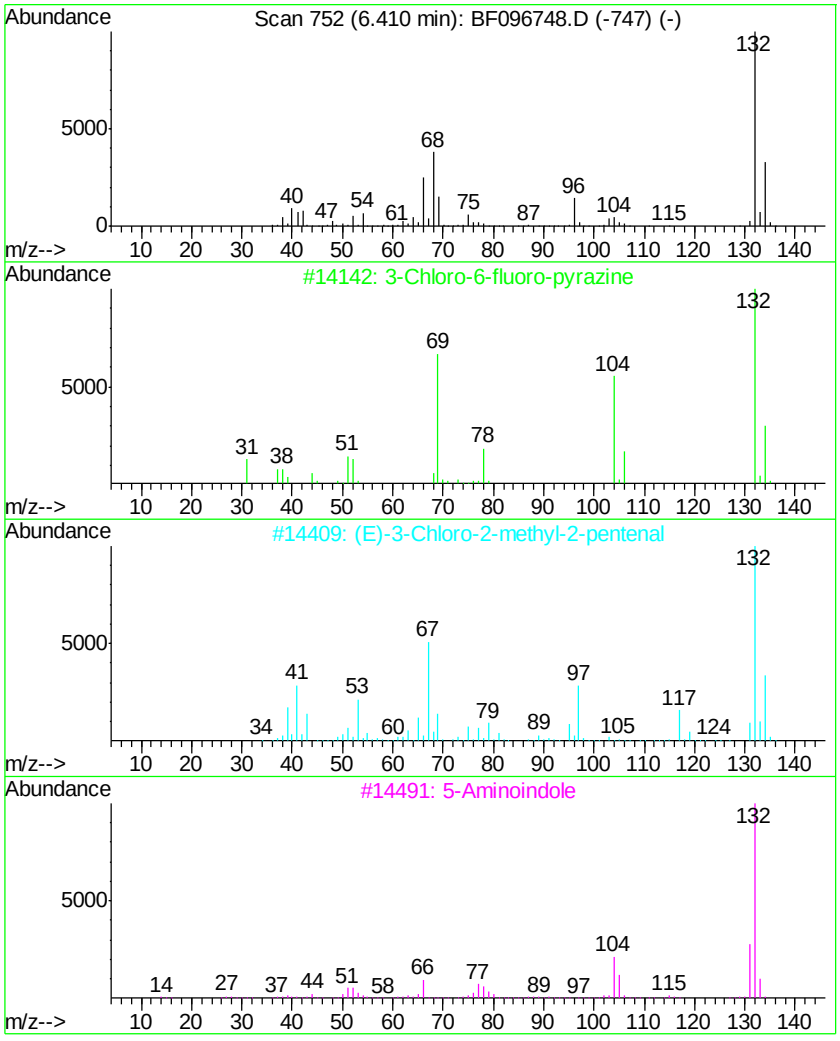
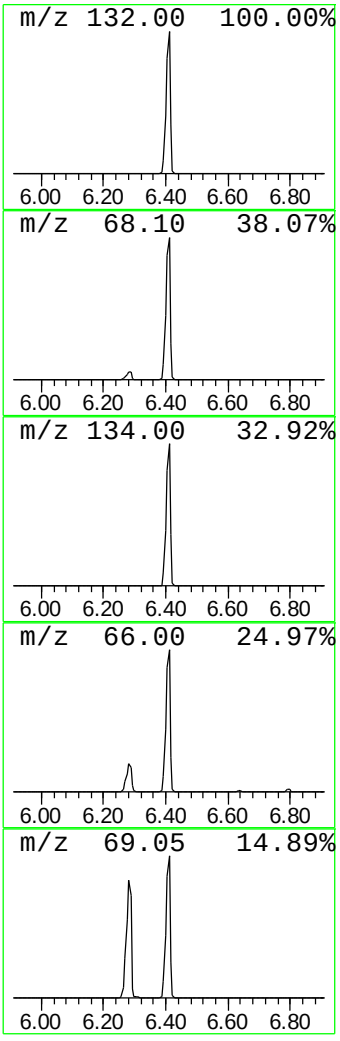
Peak Number 2 unknown6.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	69.60 ng	2545520	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Sample : I4145-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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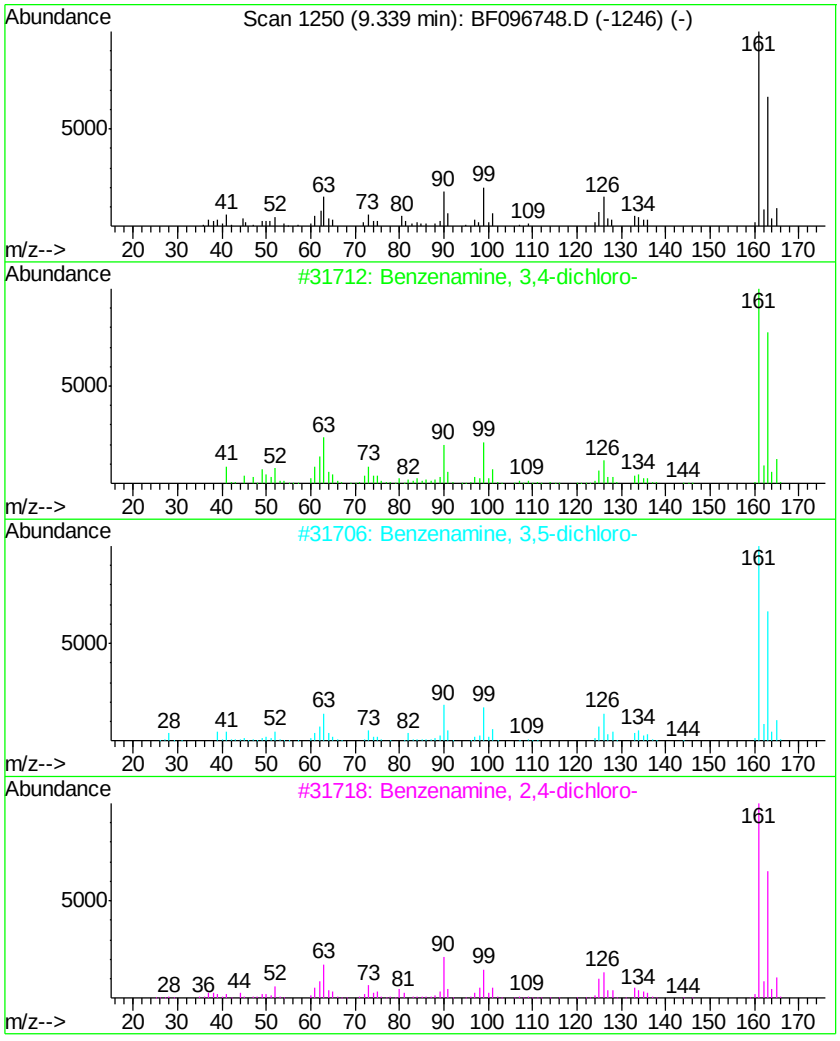
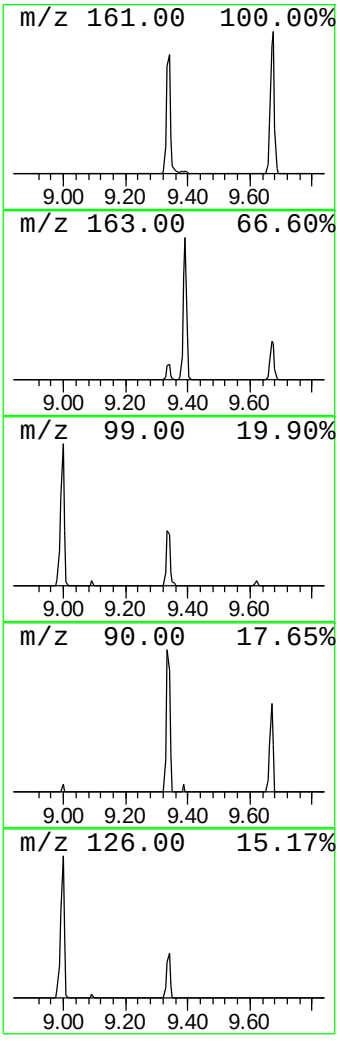
Peak Number 4 Benzenamine, 3,4-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	3.01 ng	114505	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3,4-dichloro-	161	C6H5Cl2N	000095-76-1	97
2	Benzenamine, 3,5-dichloro-	161	C6H5Cl2N	000626-43-7	97
3	Benzenamine, 2,4-dichloro-	161	C6H5Cl2N	000554-00-7	95
4	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	95
5	Benzenamine, 2,3-dichloro-	161	C6H5Cl2N	000608-27-5	93





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BNA_F
ClientSampleId :
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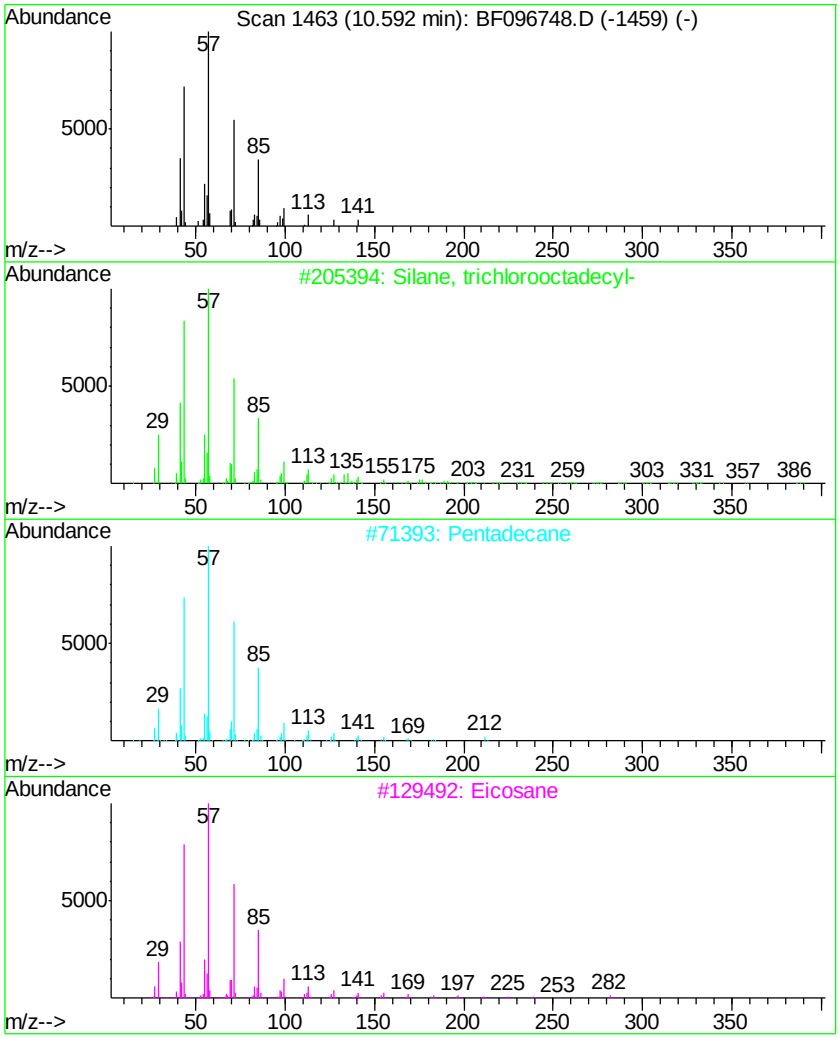
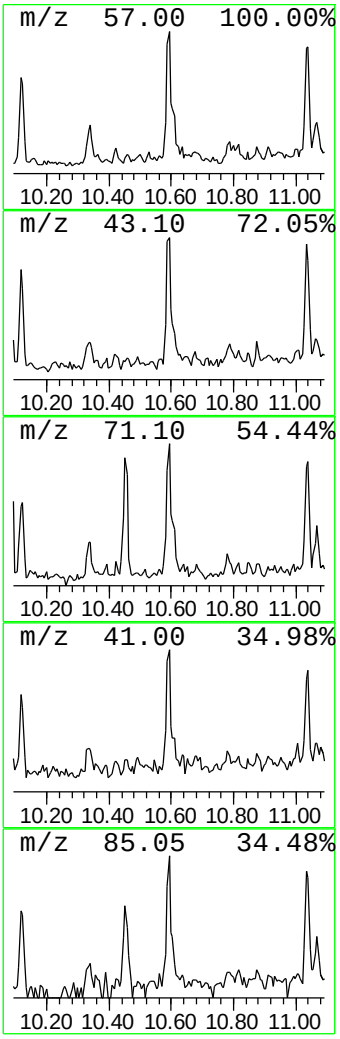
Peak Number 5 Silane, trichlorooctadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.39 ng	73689	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heptacosane	380	C27H56	000593-49-7	90





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Sample : I4145-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

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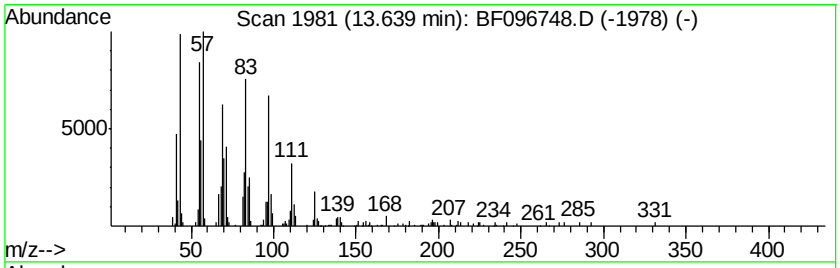
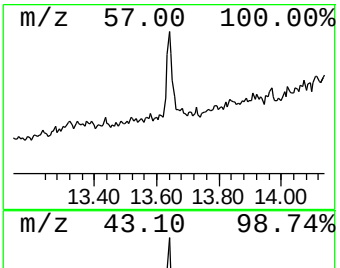
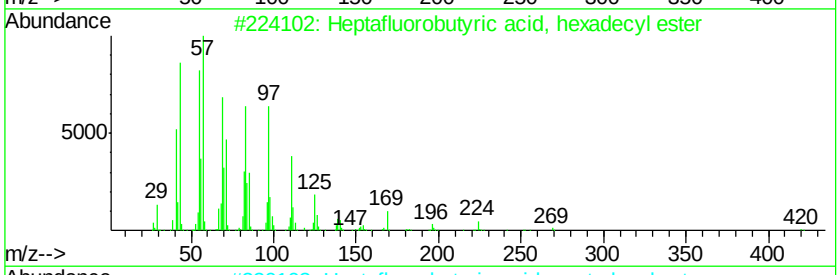
Peak Number 6 Heptafluorobutyric acid, he... Concentration Rank 4

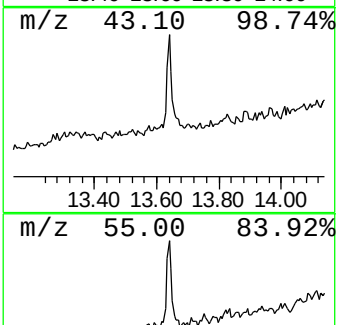
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	7.10 ng	201736	Chrysene-d12	13.77

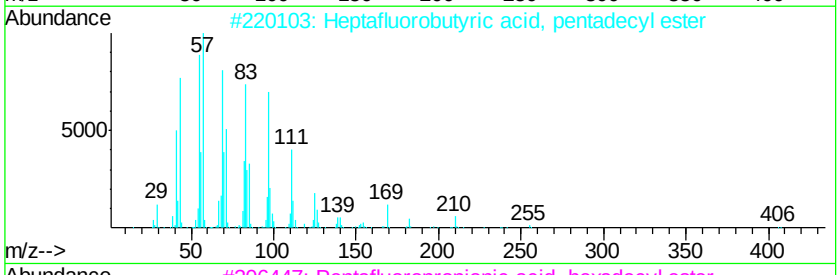
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91

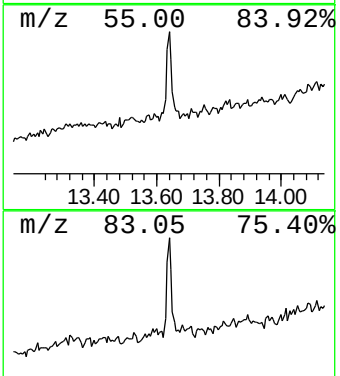


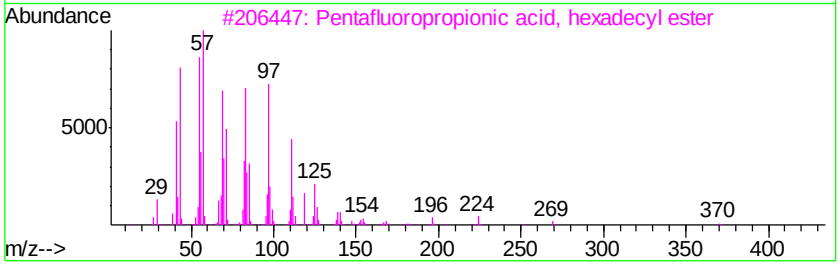


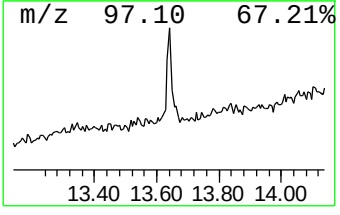












Tentatively Identified Compound (LSC) summary

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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...	4.82	11.2	ng	407632	1	6.64	731454	20.0
unknown6.41	6.41	69.6	ng	2545520	1	6.64	731454	20.0
Benzenamine, 3,4-...	9.34	3.0	ng	114505	3	9.67	761742	20.0
Silane, trichloro...	10.59	2.4	ng	73689	4	11.15	617200	20.0
Heptafluorobutyri...	13.64	7.1	ng	201736	5	13.77	568334	20.0