LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096751.D
Acq On : 14 Jul 2017 2:18
Operator : SJ/JU
Sample : I4164-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11975-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	2.081	13	16	24	rBV	395814	578686	23.19%	2.781%
2	2.140	24	26	50	rVB3	134793	349921	14.02%	1.682%
3	2.299	51	53	66	rVB5	21882	43640	1.75%	0.210%
4	4.816	477	481	491	rVB	286406	377853	15.14%	1.816%
5	5.245	549	554	558	rBV	2432160	2483117	99.50%	11.932%
6	6.281	725	730	733	rBV	2312922	2495494	100.00%	11.992%
7	6.410	747	752	755	rBV	2340043	2316588	92.83%	11.132%
8	6.640	787	791	794	rBV	778487	682023	27.33%	3.277%
9	6.792	813	817	821	rBV	1886316	1757049	70.41%	8.443%
10	7.198	881	886	889	rBV	1404349	1286594	51.56%	6.183%
11	7.316	900	906	912	rVB	45385	50199	2.01%	0.241%
12	7.922	1004	1009	1012	rBV	828608	745643	29.88%	3.583%
13	8.998	1187	1192	1195	rBV	2412981	2061772	82.62%	9.908%
14	9.392	1255	1259	1262	rBV	409111	331166	13.27%	1.591%
15	9.669	1302	1306	1310	rBV	821538	687064	27.53%	3.302%
16	10.116	1380	1382	1385	rVB	38759	32840	1.32%	0.158%
17	10.451	1435	1439	1443	rBV	1038655	957992	38.39%	4.604%
18	10.592	1460	1463	1472	rBV	47948	70098	2.81%	0.337%
19	11.033	1535	1538	1541	rVB	41352	35890	1.44%	0.172%
20	11.145	1553	1557	1561	rBV	693657	587346	23.54%	2.822%
21	12.569	1795	1799	1803	rBV4	45681	46652	1.87%	0.224%
22	12.733	1822	1827	1830	rBV	1710760	1586494	63.57%	7.624%
23	13.274	1916	1919	1924	rVB5	40173	47718	1.91%	0.229%
24	13.639	1978	1981	1988	rBV	150446	166020	6.65%	0.798%
25	13.774	2000	2004	2008	rBV	681054	619533	24.83%	2.977%
26	15.162	2236	2240	2245	rBV	360409	412441	16.53%	1.982%

Sum of corrected areas: 20809833

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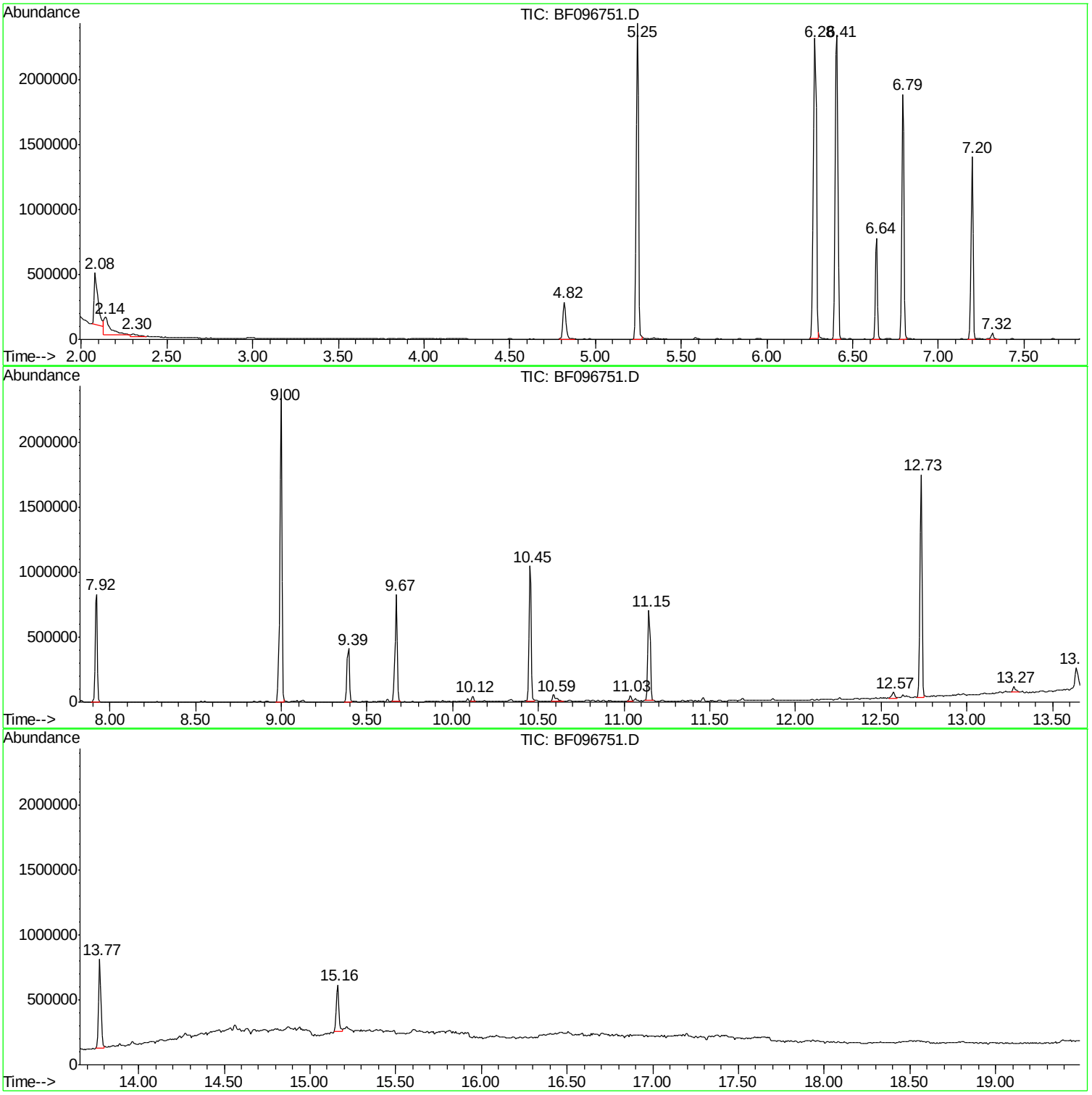
72-11975-COMP

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



Library Search Compound Report

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Data File : BF096751.D
Acq On : 14 Jul 2017 2:18
Operator : SJ/JU
Sample : I4164-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11975-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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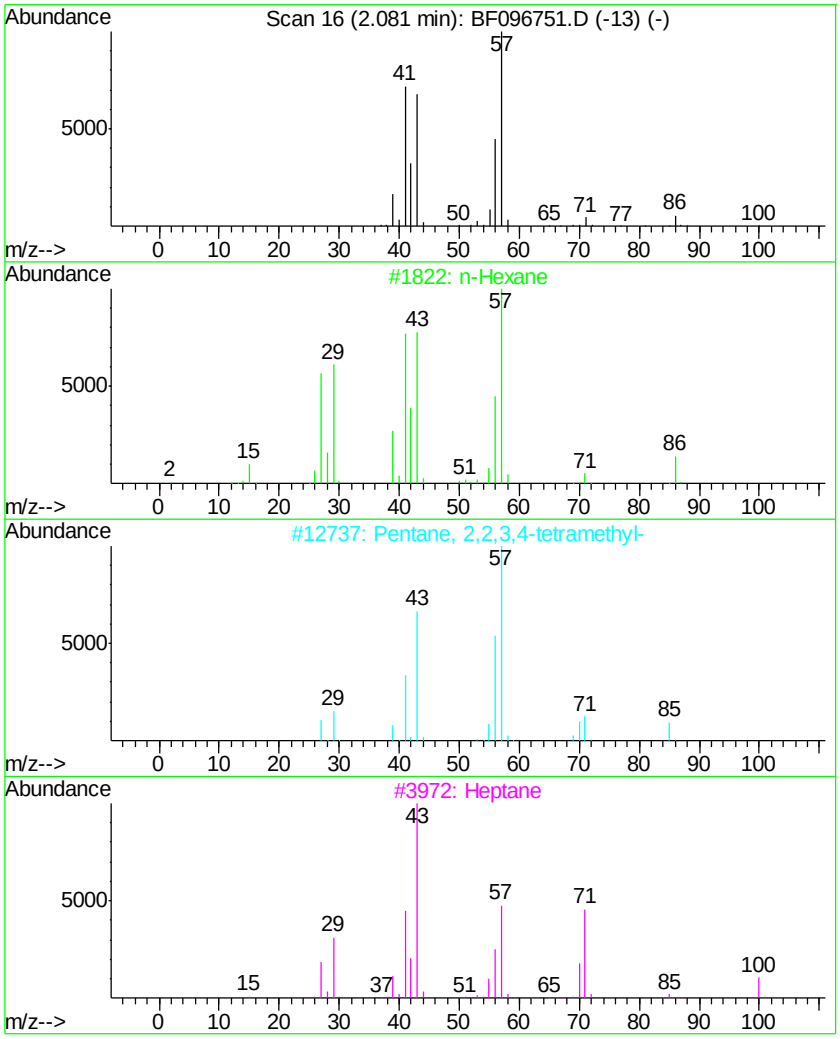
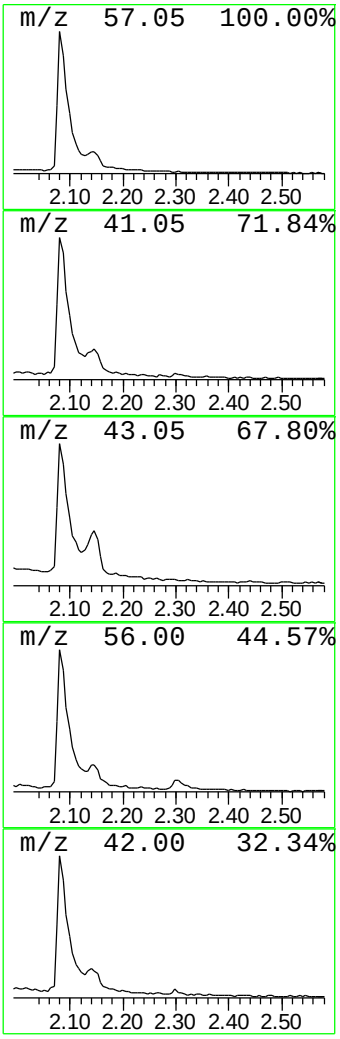
Peak Number 1 n-Hexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.08	16.97 ng	578686	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	78
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	42
3	Heptane	100	C7H16	000142-82-5	38
4	2(3H)-Furanone, dihydro-3-methyl-	100	C5H8O2	001679-47-6	33
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	33





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TIC Library : C:\DATABASE\NIST11.L
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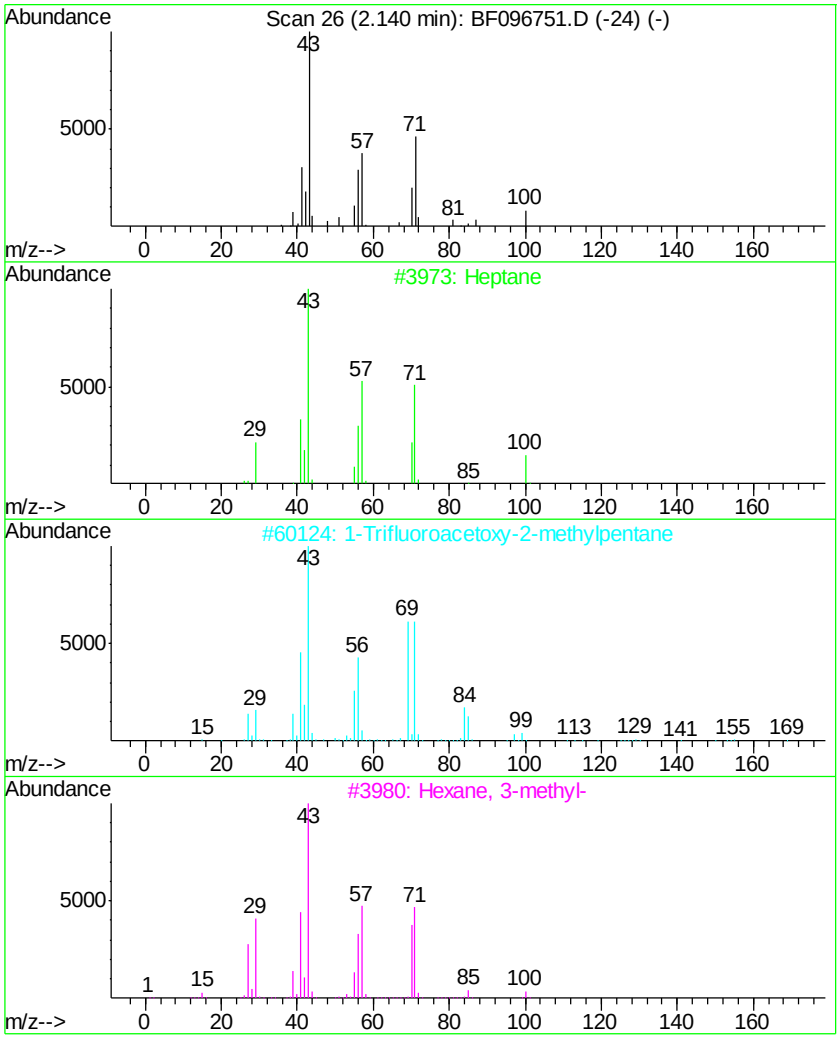
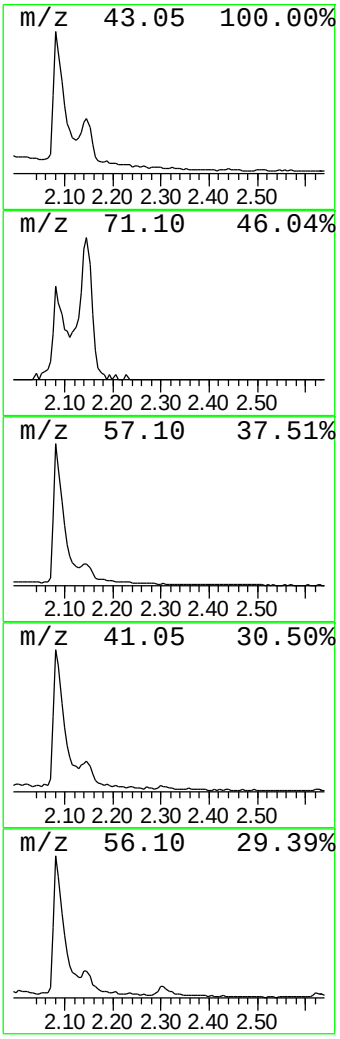
Peak Number 2 Heptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	10.26 ng	349921	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	78
2	1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	155089-96-6	42
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	42
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	36
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28





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Sample : I4164-01
Misc :
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Instrument : BNA_F
ClientSampleId : 72-11975-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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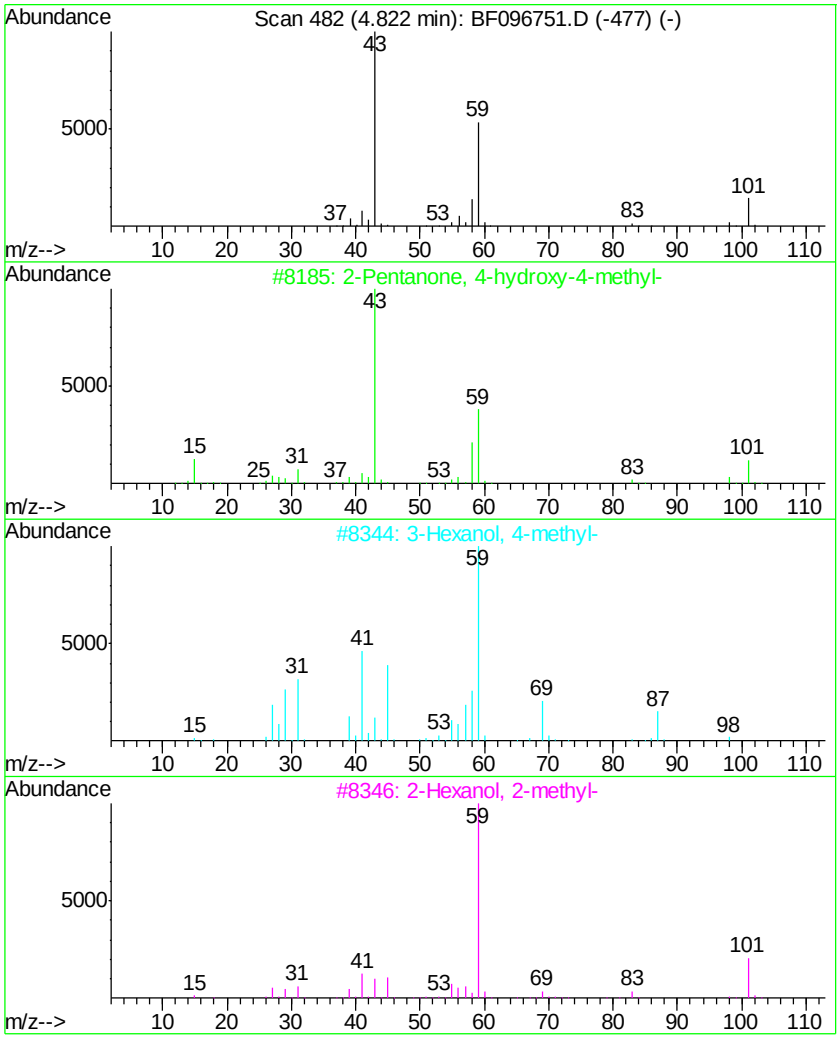
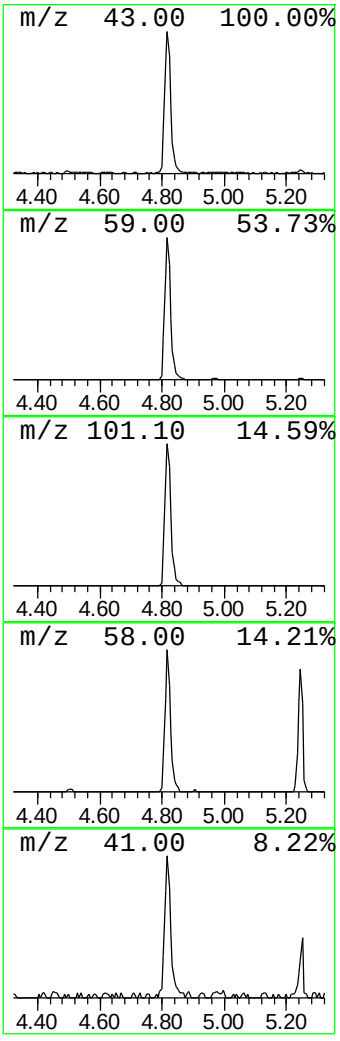
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	11.08 ng	377853	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	53
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23





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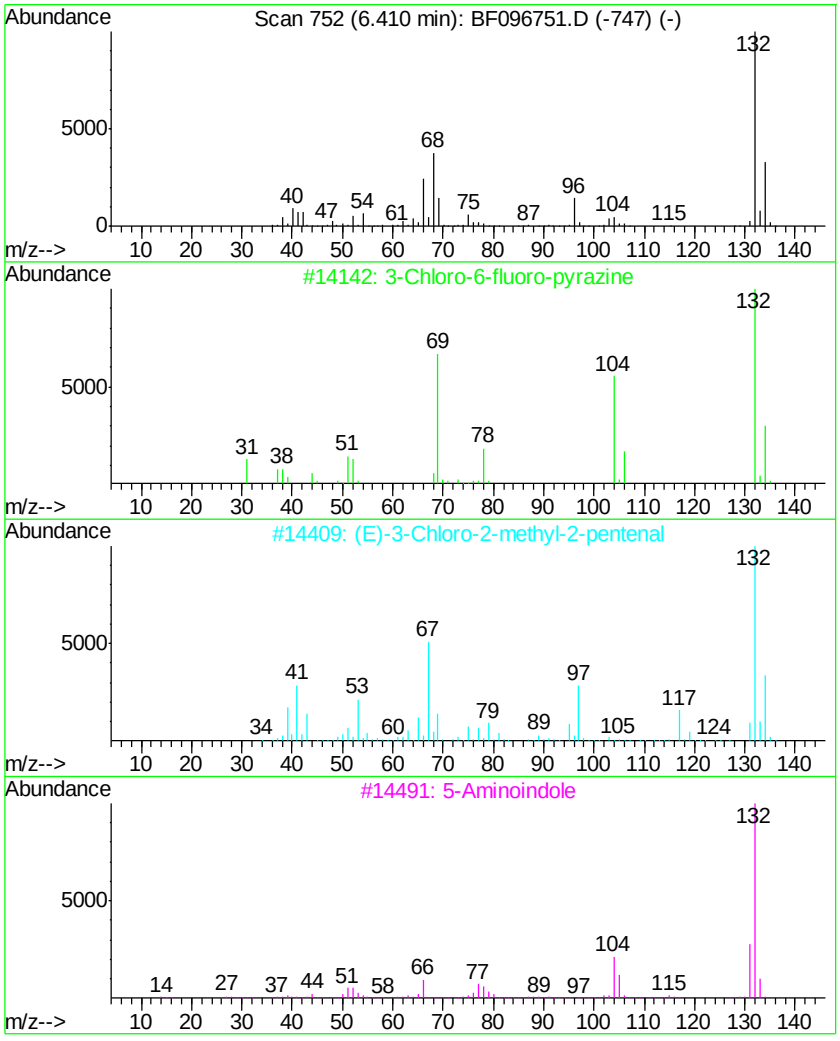
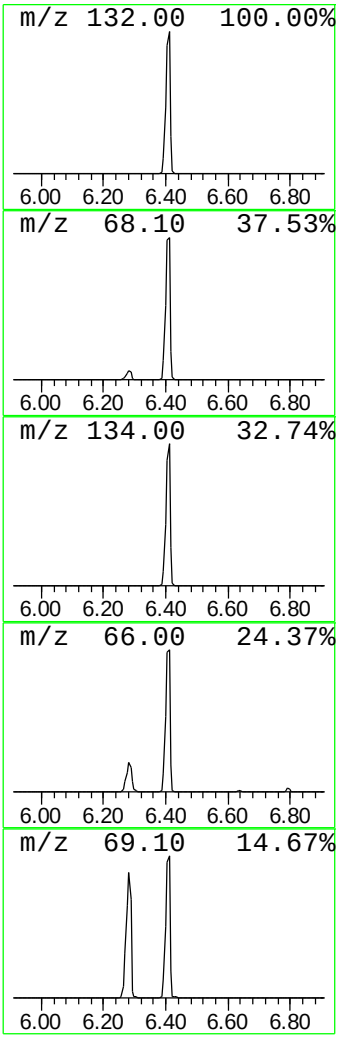
Peak Number 4 unknown6.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	67.93 ng	2316590	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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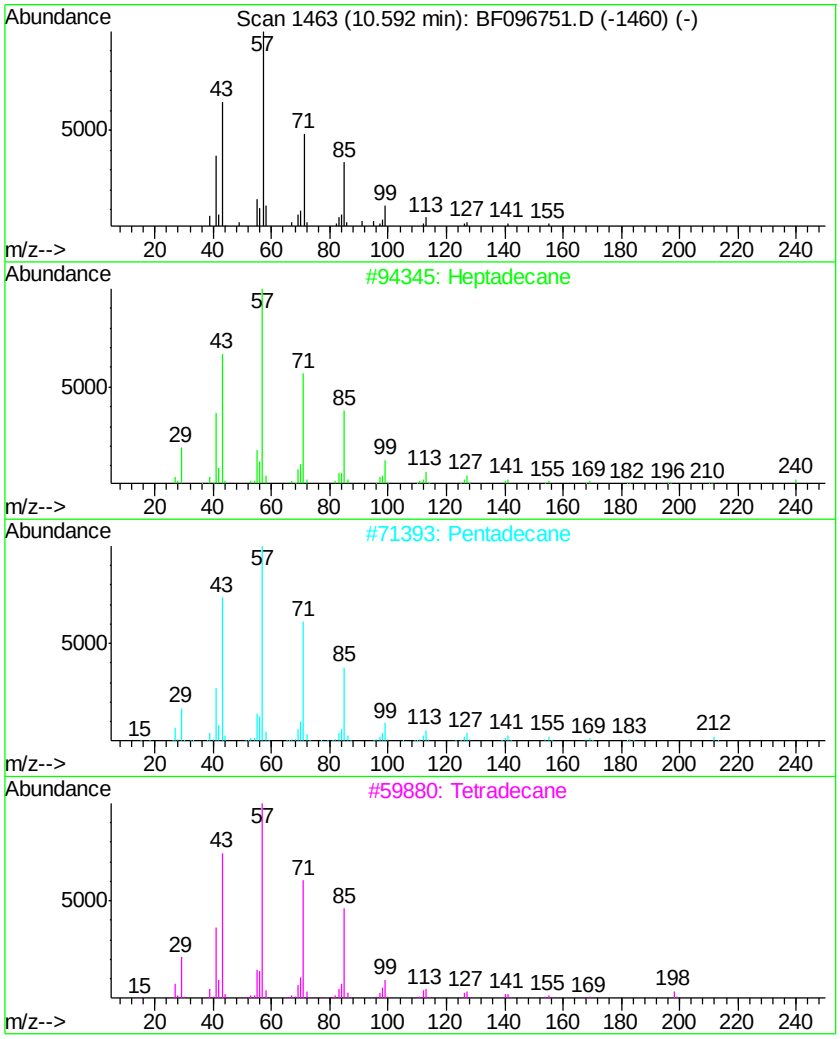
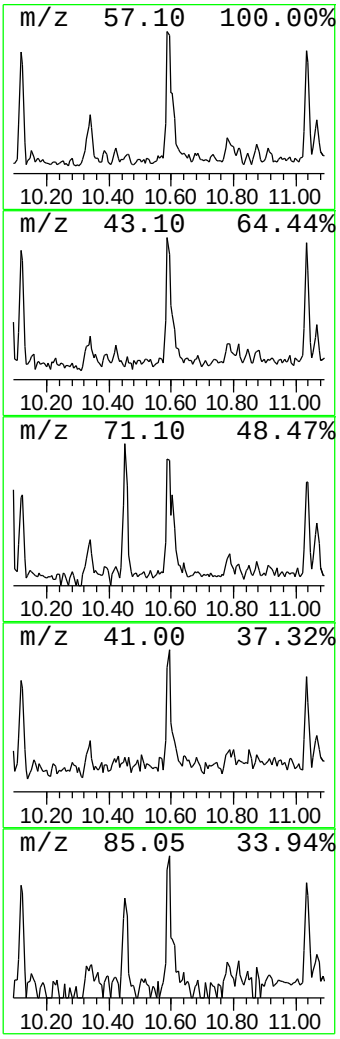
Peak Number 6 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.39 ng	70098	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Pentadecane	212	C15H32	000629-62-9	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Tritetracontane	605	C43H88	007098-21-7	80
5	Hexadecane	226	C16H34	000544-76-3	80





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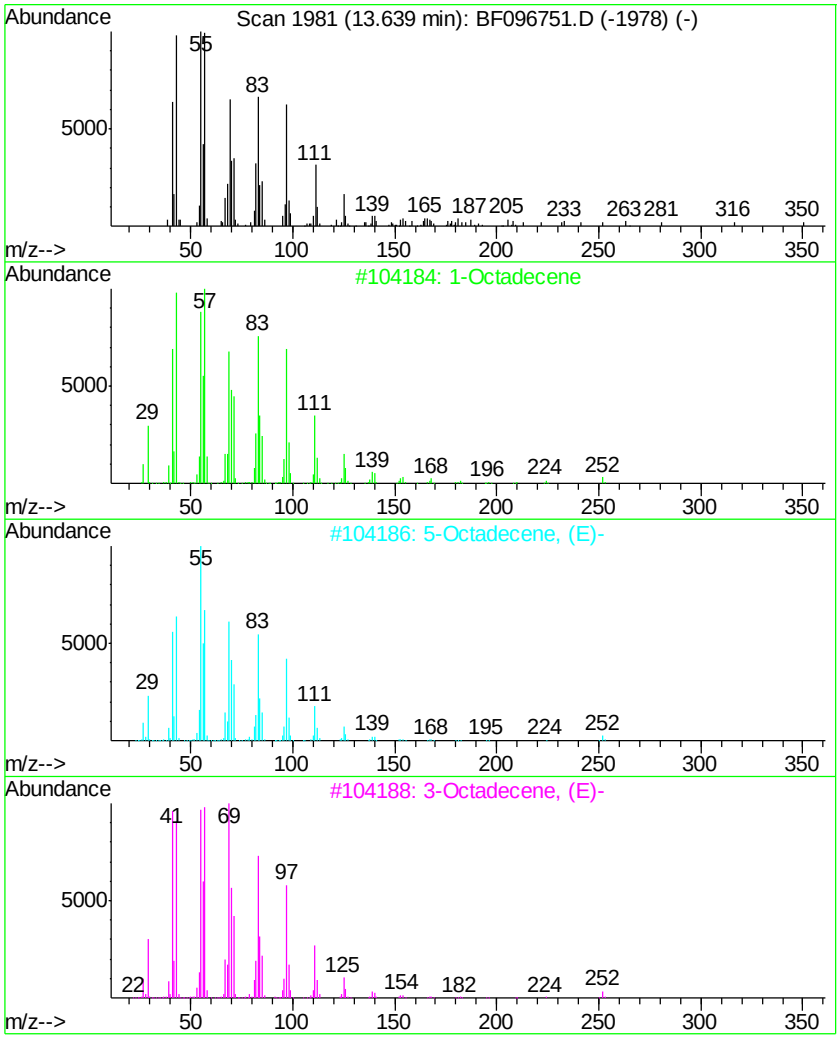
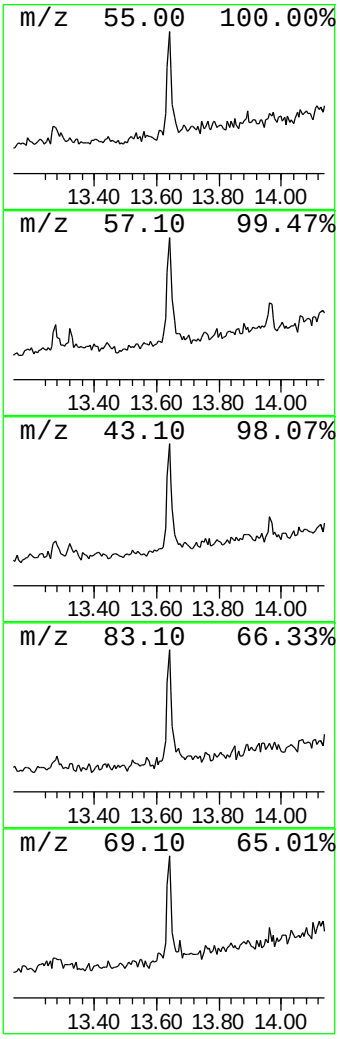
Peak Number 7 1-Octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	5.36 ng	166020	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	98
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	95
4	1-Docosene	308	C22H44	001599-67-3	95
5	Cyclohexadecane	224	C16H32	000295-65-8	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexane	2.08	17.0	ng	578686	1	6.64	682023	20.0
Heptane	2.14	10.3	ng	349921	1	6.64	682023	20.0
2-Pentanone, 4-hy...	4.82	11.1	ng	377853	1	6.64	682023	20.0
unknown6.41	6.41	67.9	ng	2316590	1	6.64	682023	20.0
Heptadecane	10.59	2.4	ng	70098	4	11.15	587346	20.0
1-Octadecene	13.64	5.4	ng	166020	5	13.77	619533	20.0