LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089094.D
Acq On : 18 Jul 2016 21:11
Operator : UM/SJ
Sample : H4044-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M10-B2(0-4)C

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-BF063016.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	1.633	3	4	13	rVB	190900	291558	13.52%	2.196%
2	1.747	13	14	51	rVB	1119414	2156633	100.00%	16.243%
3	4.787	277	280	285	rBB	50660	84374	3.91%	0.635%
4	5.233	317	319	322	rBV	1196063	1212678	56.23%	9.133%
5	6.296	409	412	415	rBV	1038067	1205962	55.92%	9.083%
6	6.410	420	422	425	rBV	1260022	1221536	56.64%	9.200%
7	6.479	426	428	431	rBV	77816	62501	2.90%	0.471%
8	6.639	440	442	444	rBB	366482	301349	13.97%	2.270%
9	6.799	453	456	458	rBV	1205284	1040557	48.25%	7.837%
10	7.210	489	492	494	rBV	810015	779498	36.14%	5.871%
11	7.930	552	555	557	rBV	392238	386162	17.91%	2.908%
12	9.005	646	649	651	rVB	1412348	1221466	56.64%	9.200%
13	9.405	681	684	686	rBV	241876	222083	10.30%	1.673%
14	9.679	705	708	710	rBV	260623	330842	15.34%	2.492%
15	10.125	745	747	749	rVB	34036	26987	1.25%	0.203%
16	10.456	774	776	779	rVB2	539950	554294	25.70%	4.175%
17	10.593	786	788	792	rVB	43125	48276	2.24%	0.364%
18	11.039	825	827	828	rBV	35535	28321	1.31%	0.213%
19	11.154	834	837	838	rBV	245400	283671	13.15%	2.136%
20	12.354	940	942	944	rVB	83315	69271	3.21%	0.522%
21	12.582	959	962	963	rBV	46581	62499	2.90%	0.471%
22	12.731	973	975	978	rVB	877916	833729	38.66%	6.279%
23	12.914	985	991	992	rBV3	9300	24889	1.15%	0.187%
24	13.108	1004	1008	1009	rBV3	16502	22500	1.04%	0.169%
25	13.645	1051	1055	1058	rVV2	57191	86581	4.01%	0.652%
26	13.771	1063	1066	1070	rVV	359447	398694	18.49%	3.003%
27	14.765	1151	1153	1156	rVB	32574	56650	2.63%	0.427%
28	15.074	1178	1180	1183	rBV	27100	45962	2.13%	0.346%
29	15.131	1183	1185	1188	rVV	196706	217851	10.10%	1.641%

Sum of corrected areas: 13277374

LSC Report - Integrated Chromatogram

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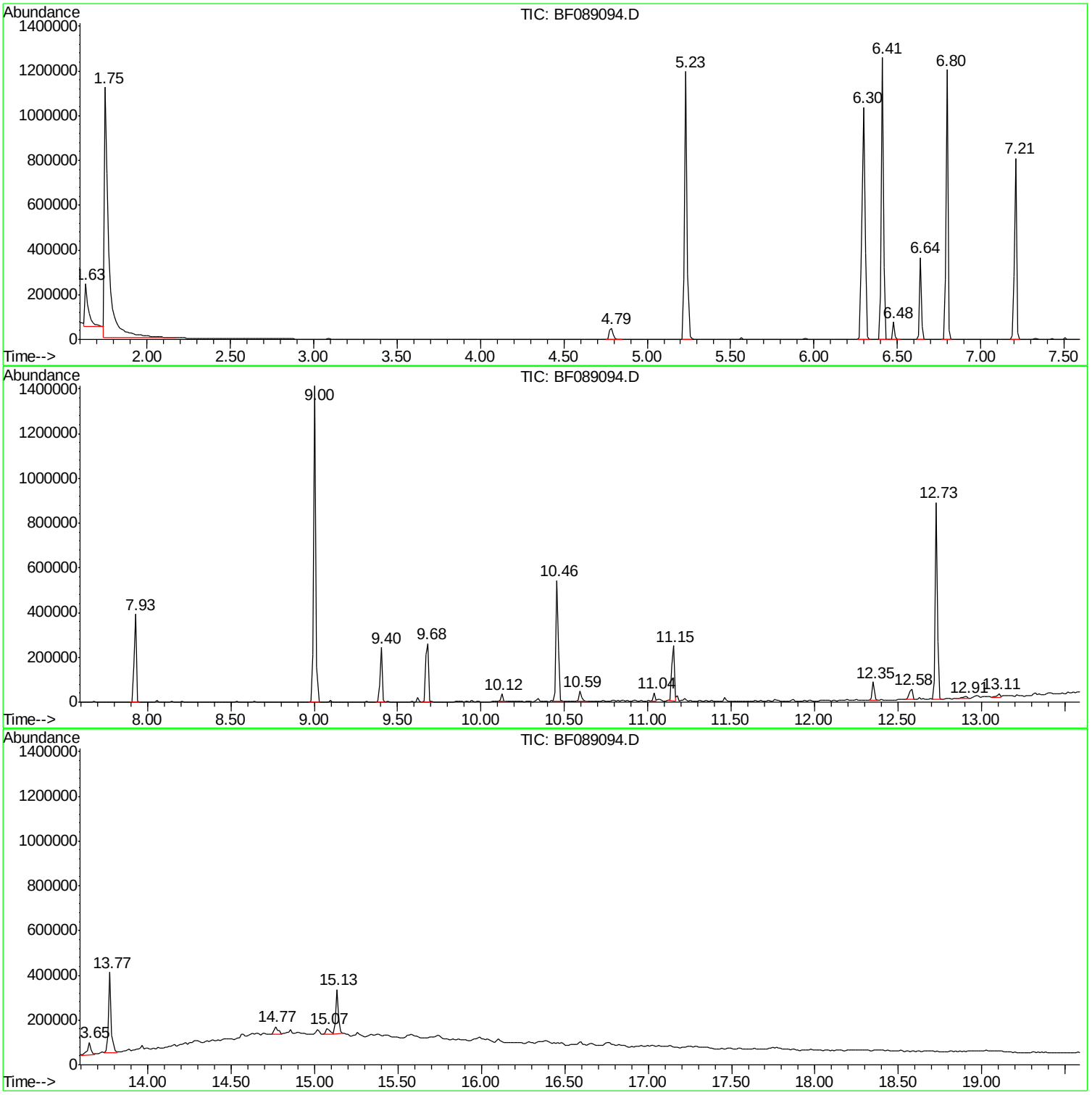
Instrument : BNA_F
ClientSampleId : M10-B2(0-4)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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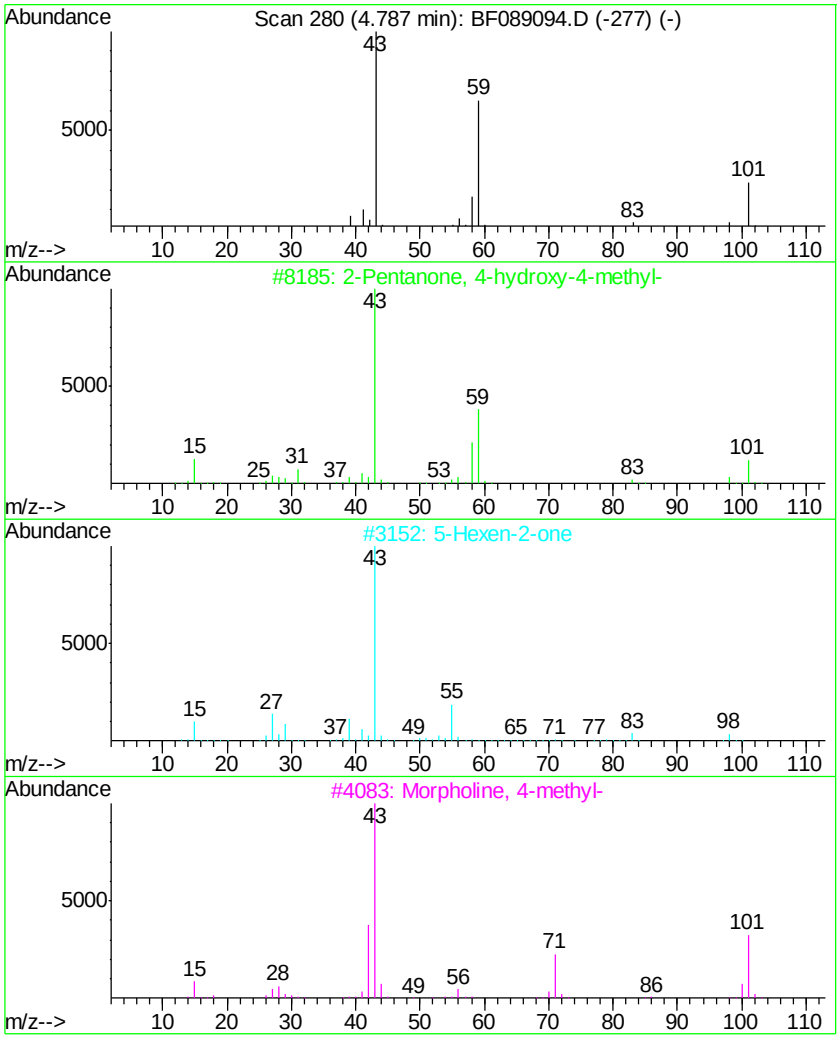
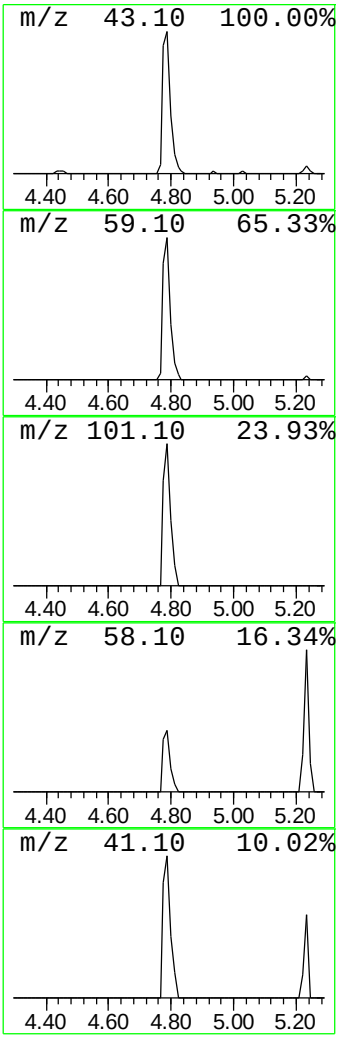
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	5.60 ng	84374	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	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089094.D
Acq On : 18 Jul 2016 21:11
Operator : UM/SJ
Sample : H4044-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M10-B2(0-4)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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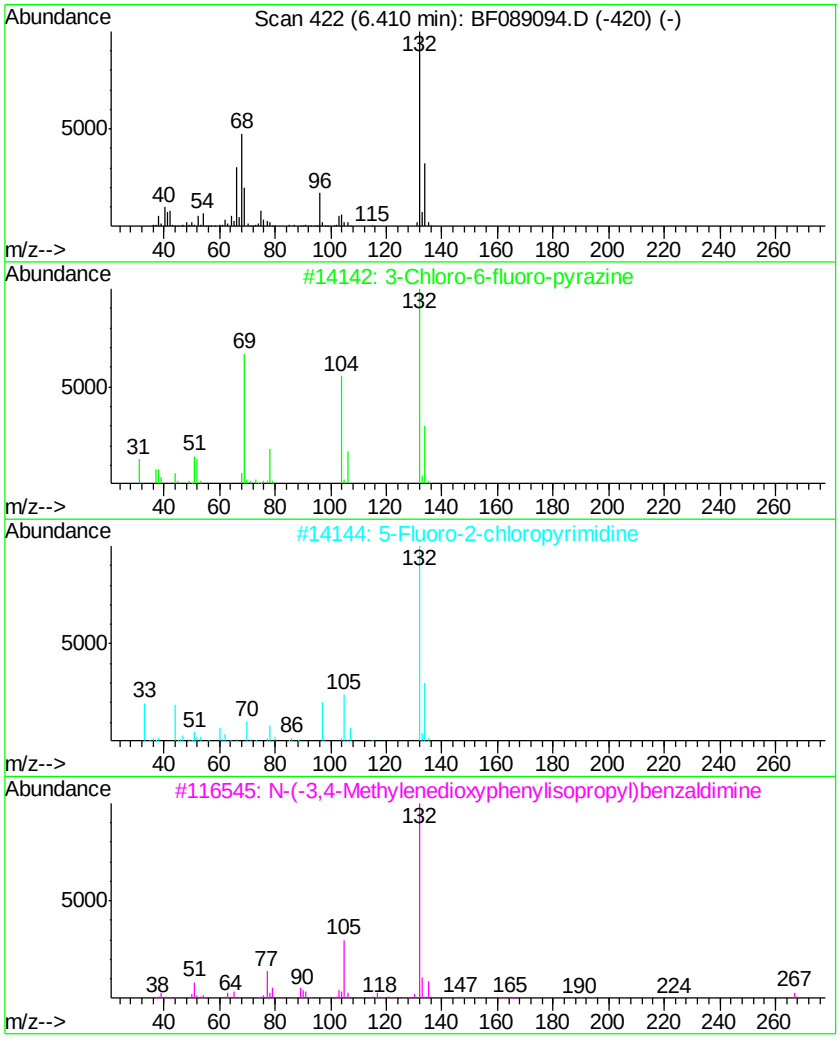
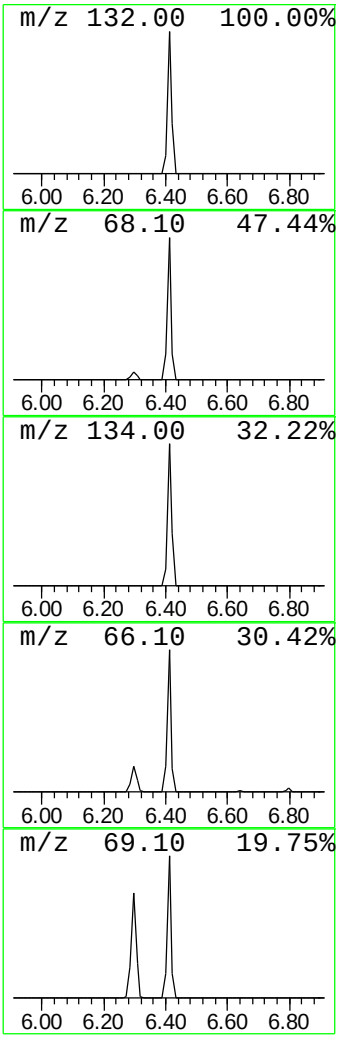
Peak Number 4 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	81.07 ng	1221540	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Instrument : BNA_F
ClientSampleId : M10-B2(0-4)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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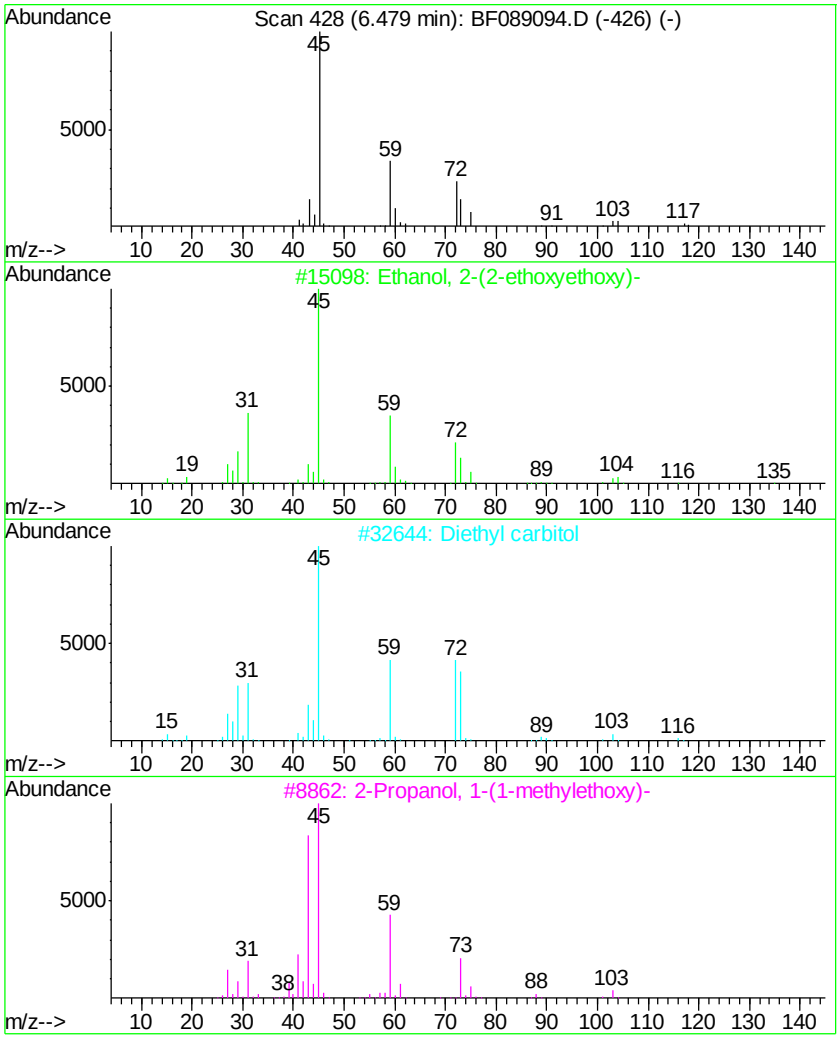
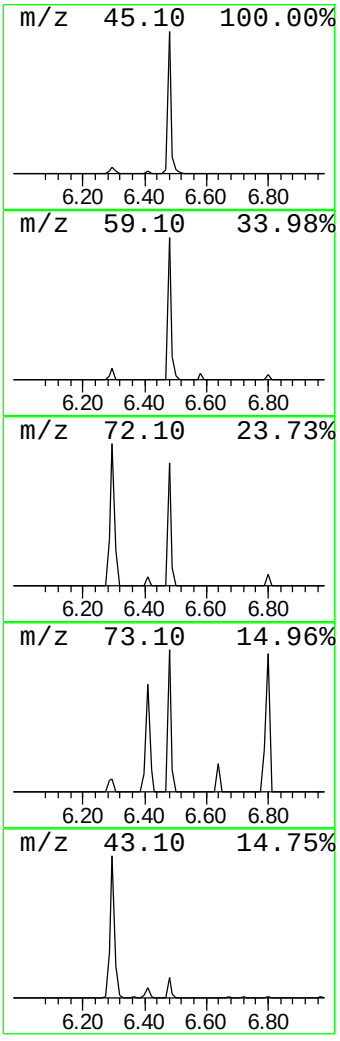
Peak Number 5 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	4.15 ng	62501	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	38
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	33





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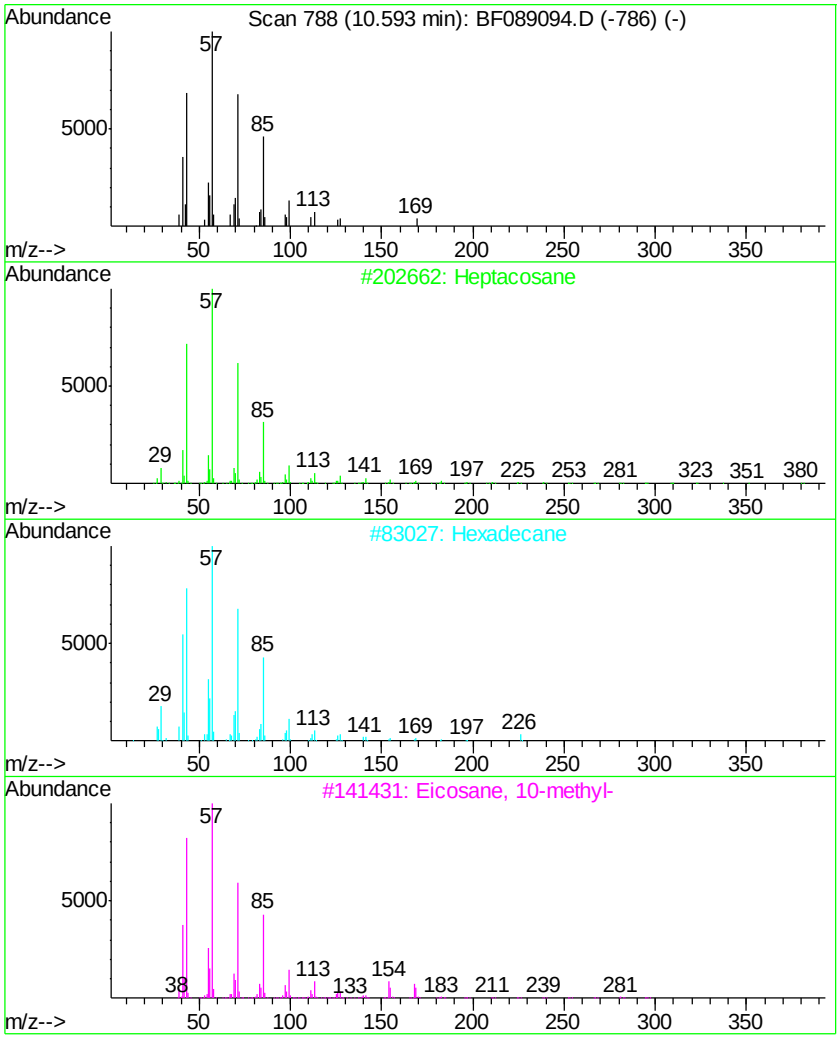
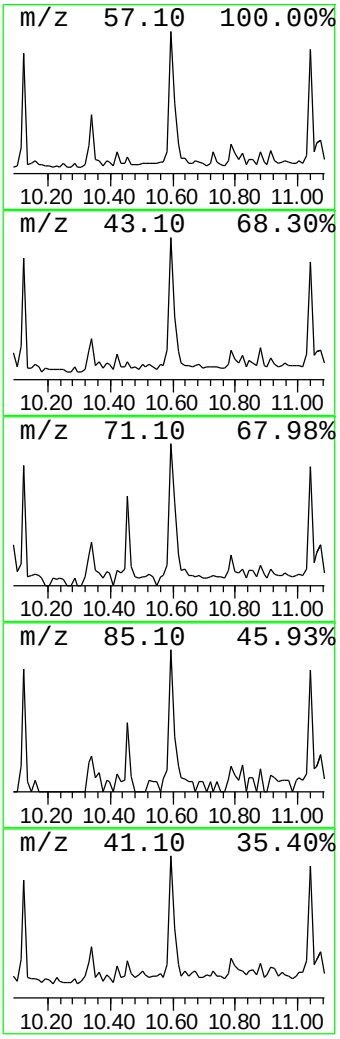
Peak Number 7 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	3.40 ng	48276	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Sample : H4044-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M10-B2(0-4)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
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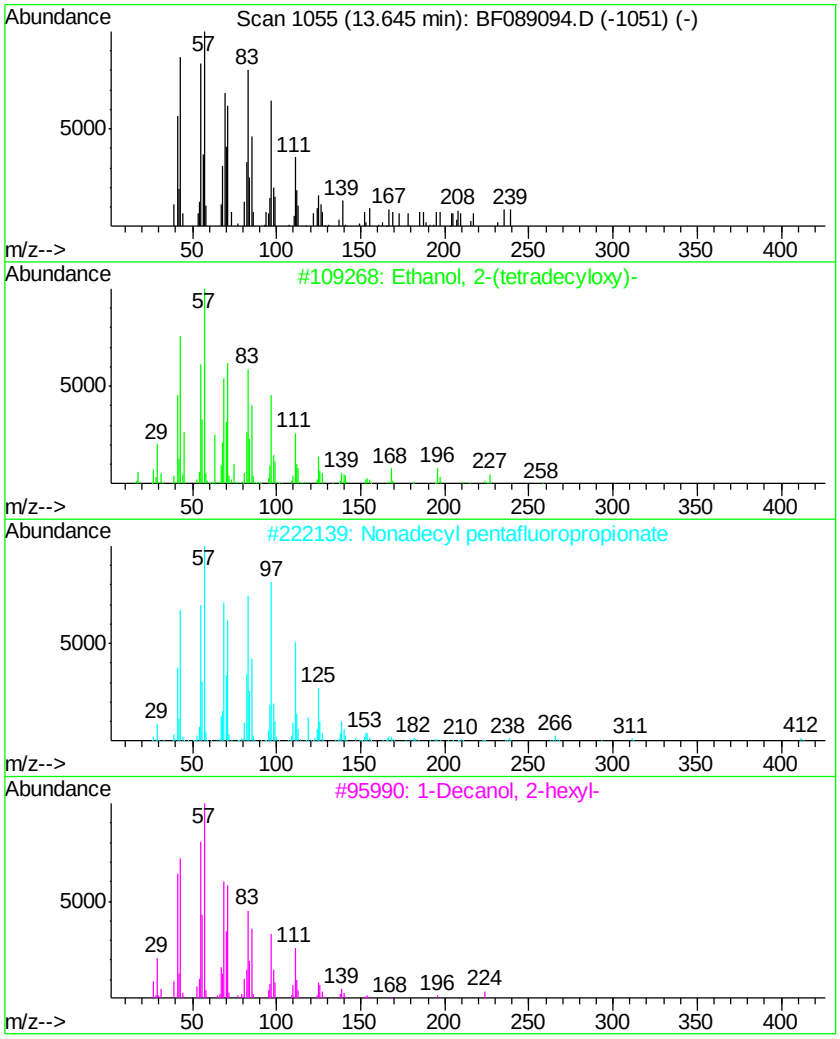
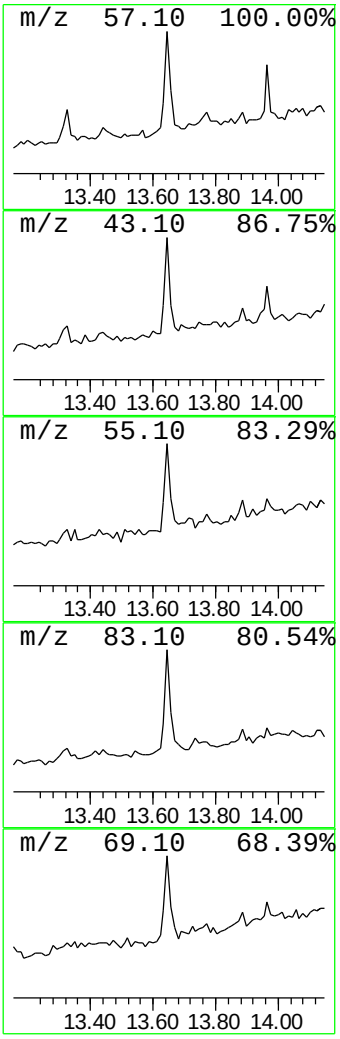
Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	4.34 ng	86581	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.79	5.6	ng	84374	1	6.64	301349	20.0
unknown6.41	6.41	81.1	ng	1221540	1	6.64	301349	20.0
Ethanol, 2-(2-eth...	6.48	4.2	ng	62501	1	6.64	301349	20.0
Heptacosane	10.59	3.4	ng	48276	4	11.15	283671	20.0
Ethanol, 2-(tetra...	13.65	4.3	ng	86581	5	13.77	398694	20.0