LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088609.D
Acq On : 2 Jul 2016 8:25
Operator : UM/SJ
Sample : H3831-18
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24-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-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	1.667	3	7	10	rVB	4838149	7592773	100.00%	16.853%
2	1.735	12	13	23	rVB	685381	1063535	14.01%	2.361%
3	1.861	23	24	39	rVB	2624215	5899681	77.70%	13.095%
4	2.055	39	41	85	rVB2	170235	962388	12.68%	2.136%
5	4.993	295	298	304	rVB	229402	366719	4.83%	0.814%
6	5.404	331	334	337	rBV	2478389	3481915	45.86%	7.729%
7	6.444	421	425	427	rBV	2912626	3400952	44.79%	7.549%
8	6.582	433	437	439	rBV	2857994	3738232	49.23%	8.298%
9	6.810	455	457	459	rBV	742476	712559	9.38%	1.582%
10	6.970	468	471	473	rVB	2281601	2874650	37.86%	6.381%
11	7.370	503	506	508	rBV	1951970	2091032	27.54%	4.641%
12	8.090	566	569	571	rBV	1090338	933662	12.30%	2.072%
13	9.176	660	664	666	rBV	2850338	3946188	51.97%	8.759%
14	9.565	695	698	700	rBV	187593	215052	2.83%	0.477%
15	9.839	720	722	725	rVB	1014115	901629	11.87%	2.001%
16	10.628	788	791	793	rBV	1896555	1950072	25.68%	4.329%
17	11.199	839	841	843	rBV	83242	80958	1.07%	0.180%
18	11.314	849	851	853	rVB2	679286	743860	9.80%	1.651%
19	12.902	987	990	993	rBV	2612876	2709771	35.69%	6.015%
20	13.828	1068	1071	1078	rBV	81205	171065	2.25%	0.380%
21	13.942	1078	1081	1083	rBV	791307	693834	9.14%	1.540%
22	15.337	1201	1203	1206	rBV	354777	521314	6.87%	1.157%

Sum of corrected areas: 45051841

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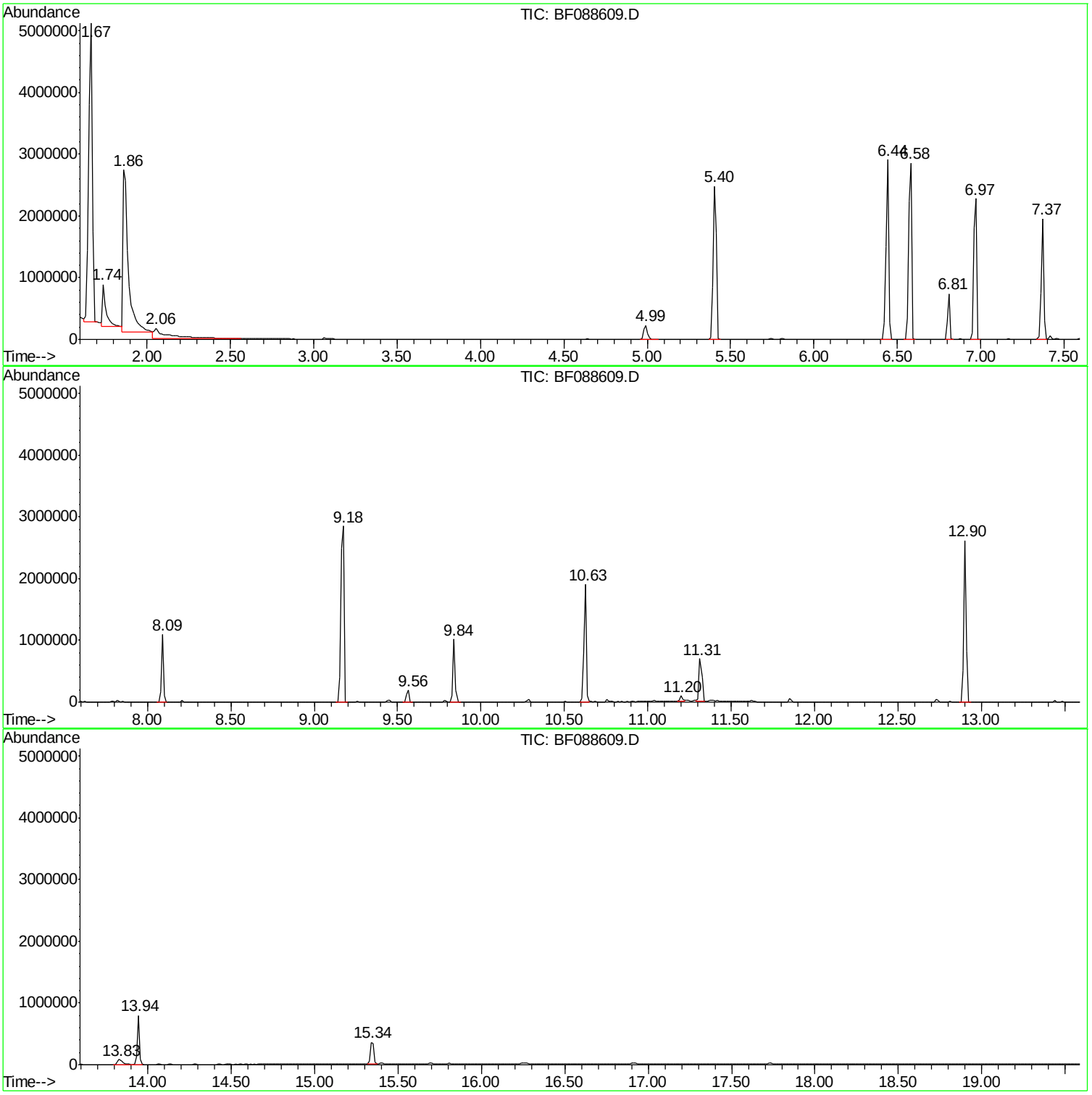
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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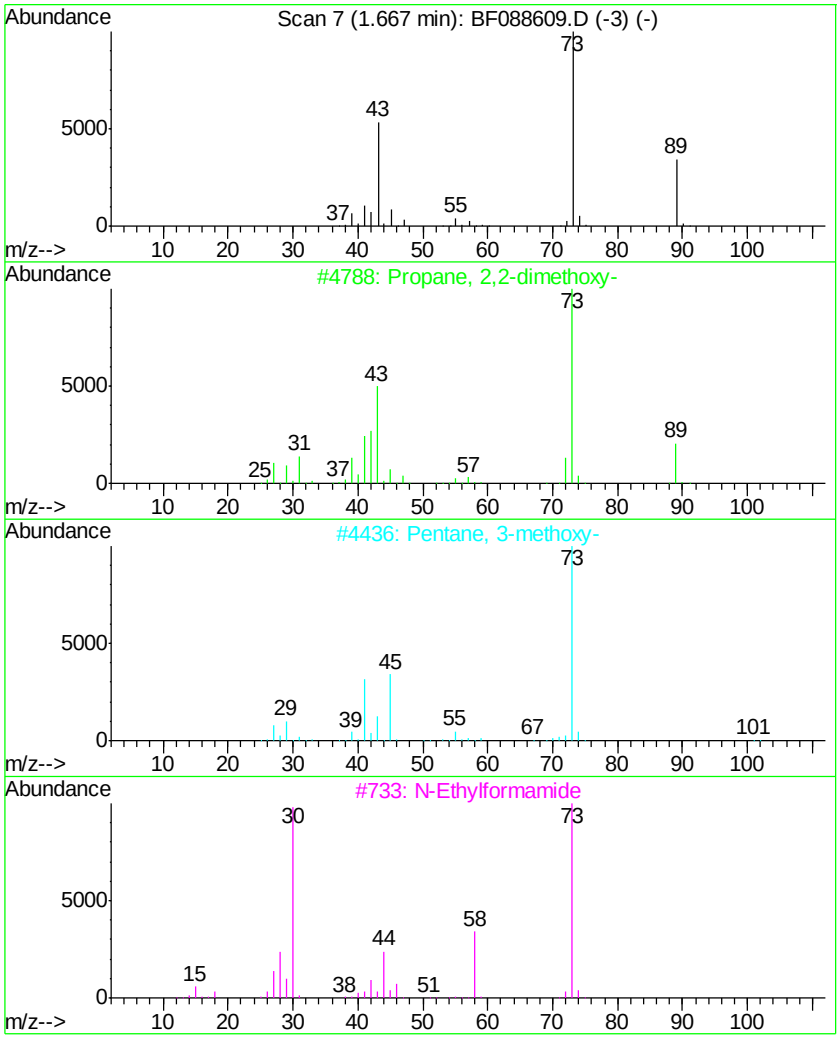
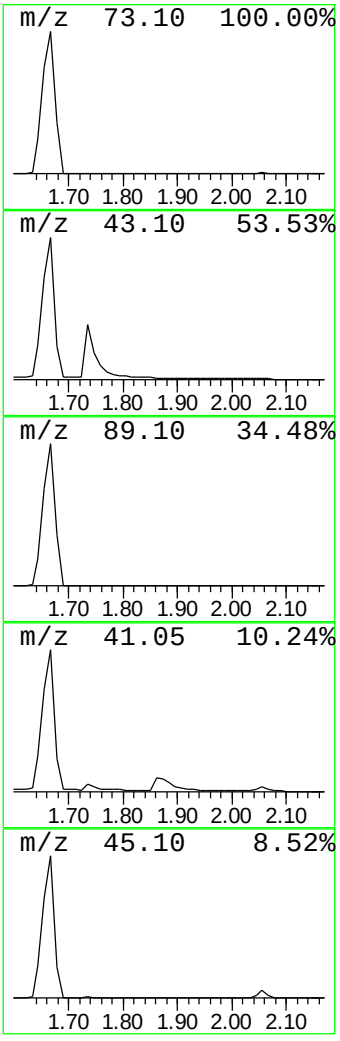
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.67	213.11 ng	7592770	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9





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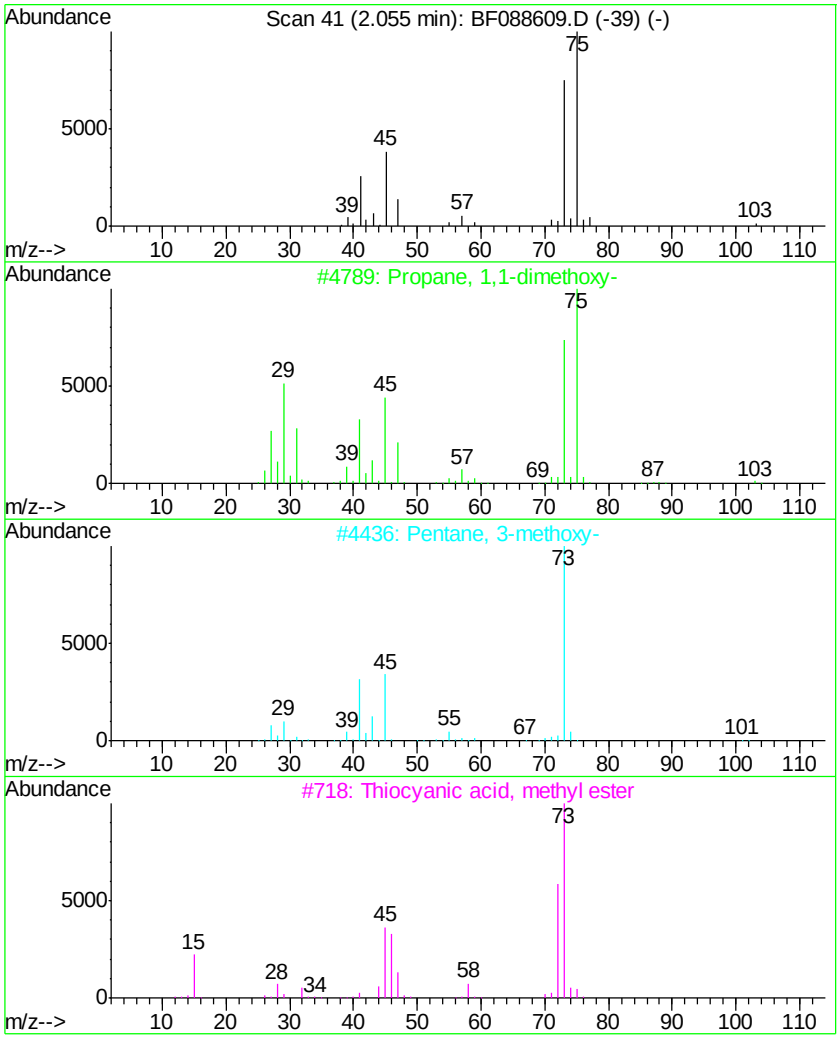
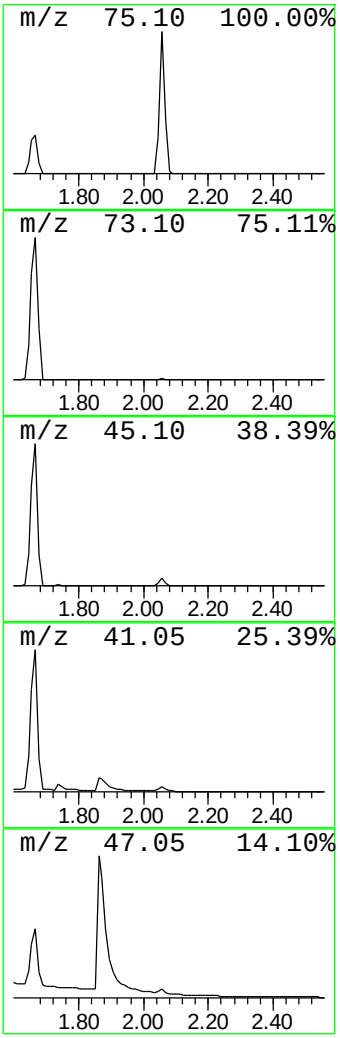
Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.06	27.01 ng	962388	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	27
3	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	25
4	.beta.-D-Glucopyranoside, methyl...	176	C7H12O5	003056-46-0	9
5	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	9





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Instrument : BNA_F
ClientSampleId : SB-24-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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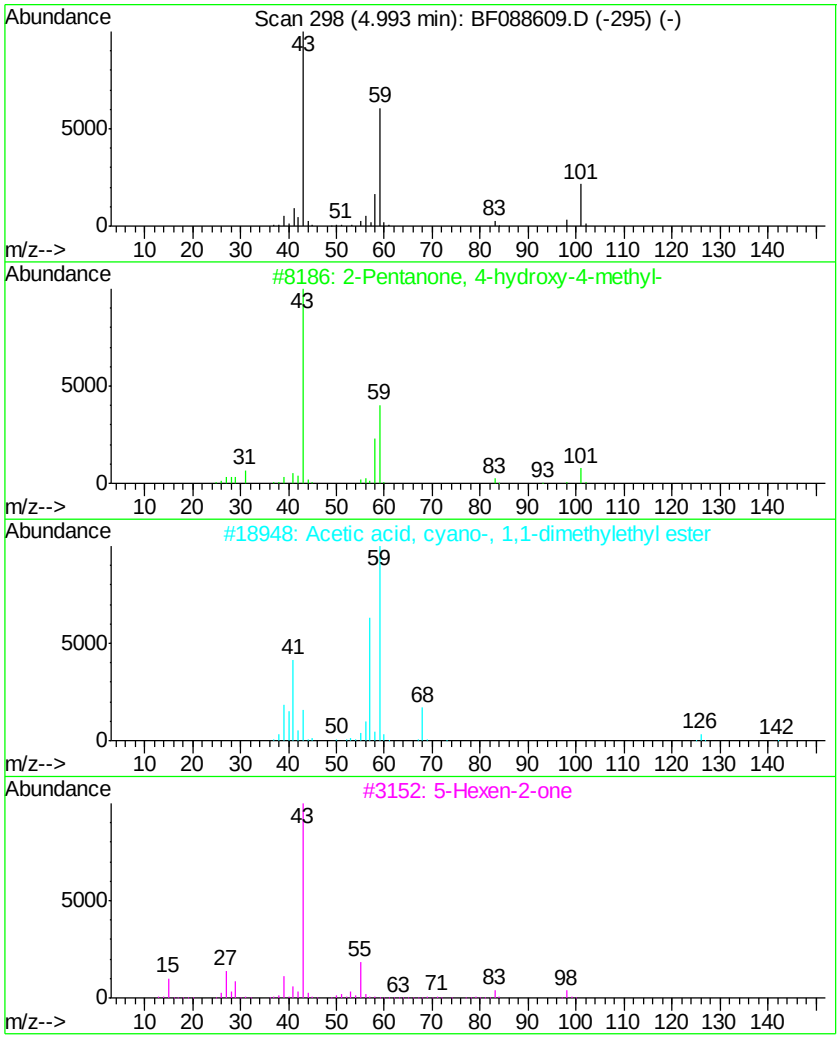
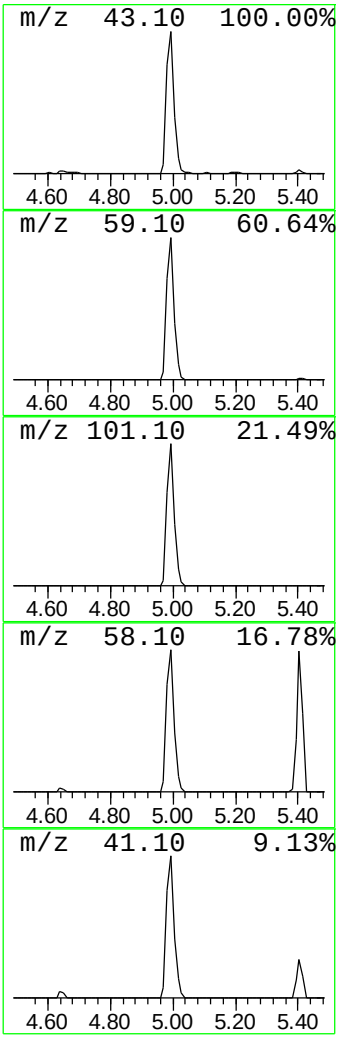
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	10.29 ng	366719	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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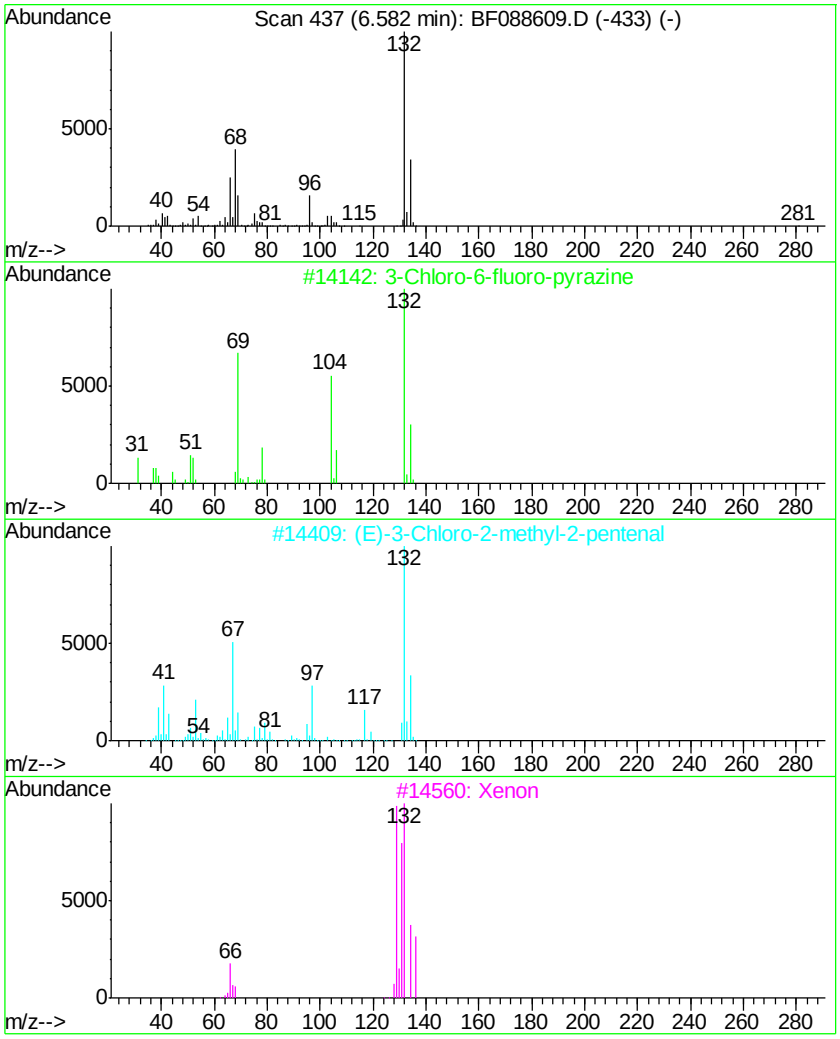
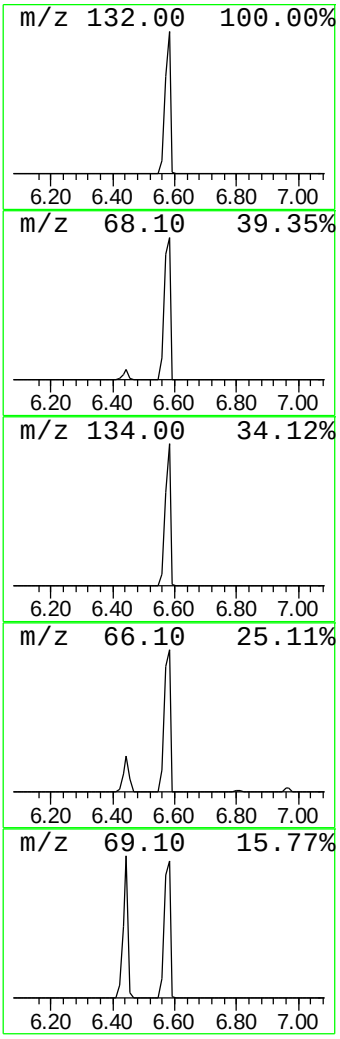
Peak Number 6 unknown6.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	104.92 ng	3738230	1,4-Dichlorobenzene-d4	6.81

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	Xenon	132	Xe	007440-63-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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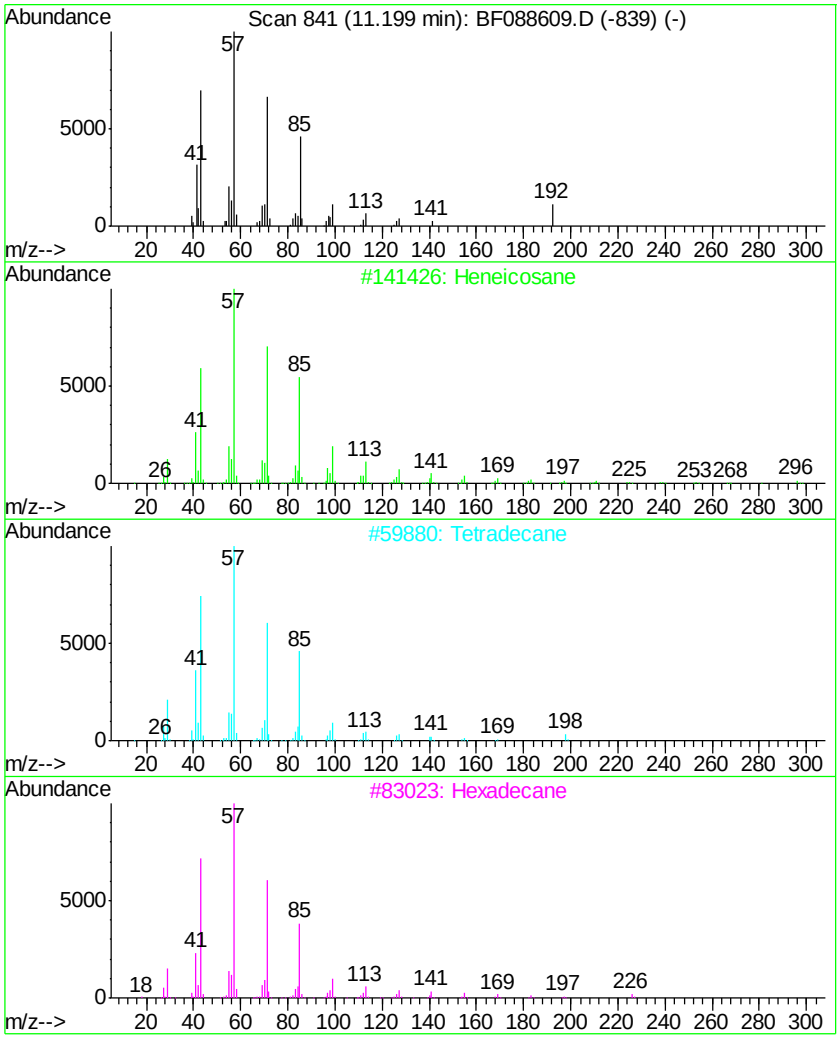
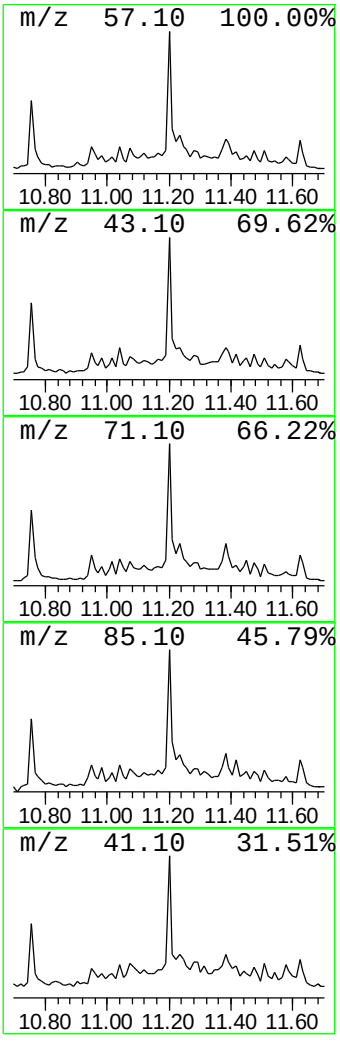
Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.18 ng	80958	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	80
5	Eicosane	282	C20H42	000112-95-8	80





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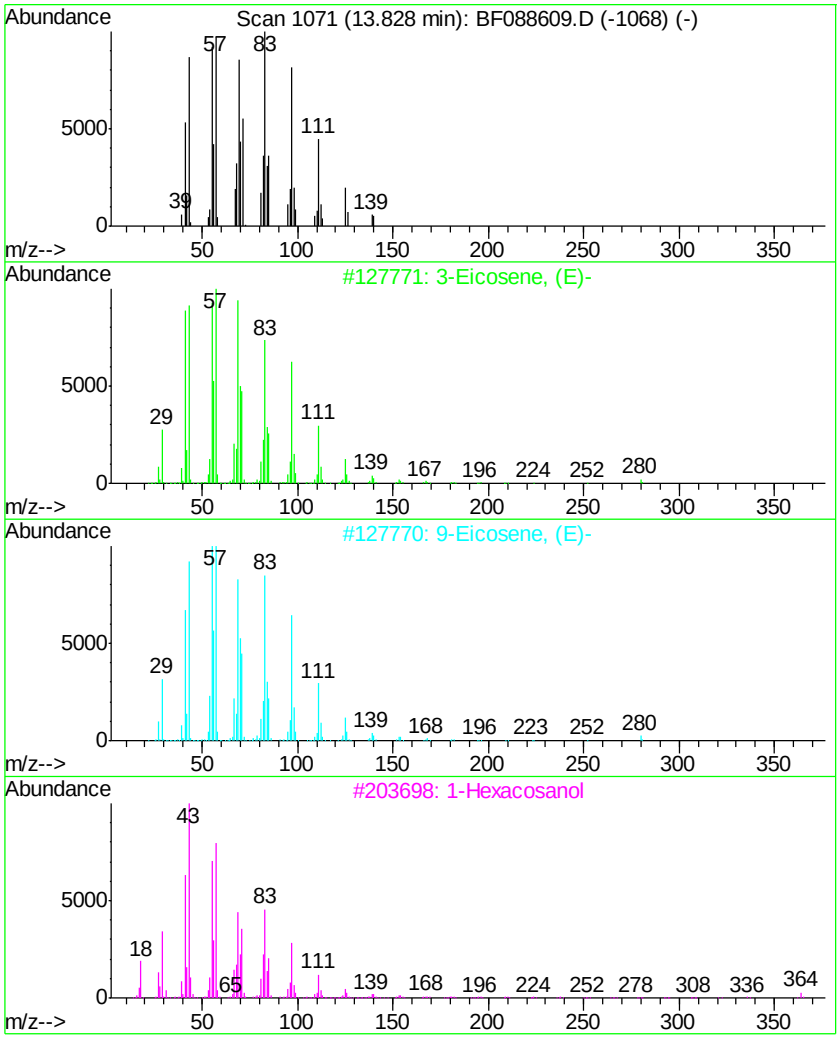
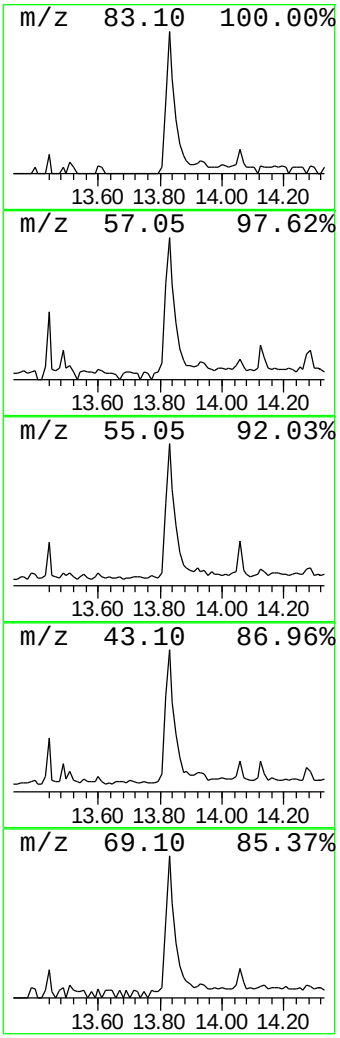
Peak Number 9 3-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	4.93 ng	171065	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3	1-Hexacosanol	382	C26H54O	000506-52-5	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.67	213.1	ng	7592770	1	6.81	712559	20.0
Propane, 1,1-dime...	2.06	27.0	ng	962388	1	6.81	712559	20.0
2-Pentanone, 4-hy...	4.99	10.3	ng	366719	1	6.81	712559	20.0
unknown6.58	6.58	104.9	ng	3738230	1	6.81	712559	20.0
Heneicosane	11.20	2.2	ng	80958	4	11.31	743860	20.0
3-Eicosene, (E)-	13.83	4.9	ng	171065	5	13.94	693834	20.0