LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088602.D
Acq On : 2 Jul 2016 5:01
Operator : UM/SJ
Sample : H3831-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-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	1.690	4	9	11	rVB	4901362	9663313	100.00%	21.470%
2	1.736	11	13	23	rVV	381740	622778	6.44%	1.384%
3	1.861	23	24	40	rVB	1684351	3163808	32.74%	7.030%
4	2.067	40	42	67	rVB2	128998	374887	3.88%	0.833%
5	4.993	295	298	305	rVB	258272	390385	4.04%	0.867%
6	5.416	331	335	337	rBV	3037317	4005824	41.45%	8.900%
7	6.445	421	425	428	rBV	2865800	3424420	35.44%	7.609%
8	6.582	434	437	439	rBV	3195134	3911545	40.48%	8.691%
9	6.810	455	457	459	rBV	848940	786485	8.14%	1.747%
10	6.970	468	471	473	rVB	2743800	3092519	32.00%	6.871%
11	7.370	503	506	508	rBV	1911649	2243550	23.22%	4.985%
12	8.090	567	569	571	rVB	1202454	1018221	10.54%	2.262%
13	9.176	660	664	666	rVB	3672165	4188060	43.34%	9.305%
14	9.565	696	698	700	rBV	234119	239065	2.47%	0.531%
15	9.839	720	722	725	rVB2	987235	957582	9.91%	2.128%
16	10.628	788	791	793	rBV	1962117	1888910	19.55%	4.197%
17	11.199	839	841	847	rBV	80207	98882	1.02%	0.220%
18	11.314	849	851	854	rVV	595559	808542	8.37%	1.796%
19	12.902	987	990	993	rBV	2362251	2697966	27.92%	5.994%
20	13.828	1068	1071	1078	rBV	64136	130565	1.35%	0.290%
21	13.942	1078	1081	1084	rBV	808462	740908	7.67%	1.646%
22	15.348	1201	1204	1206	rBV	399242	559188	5.79%	1.242%

Sum of corrected areas: 45007403

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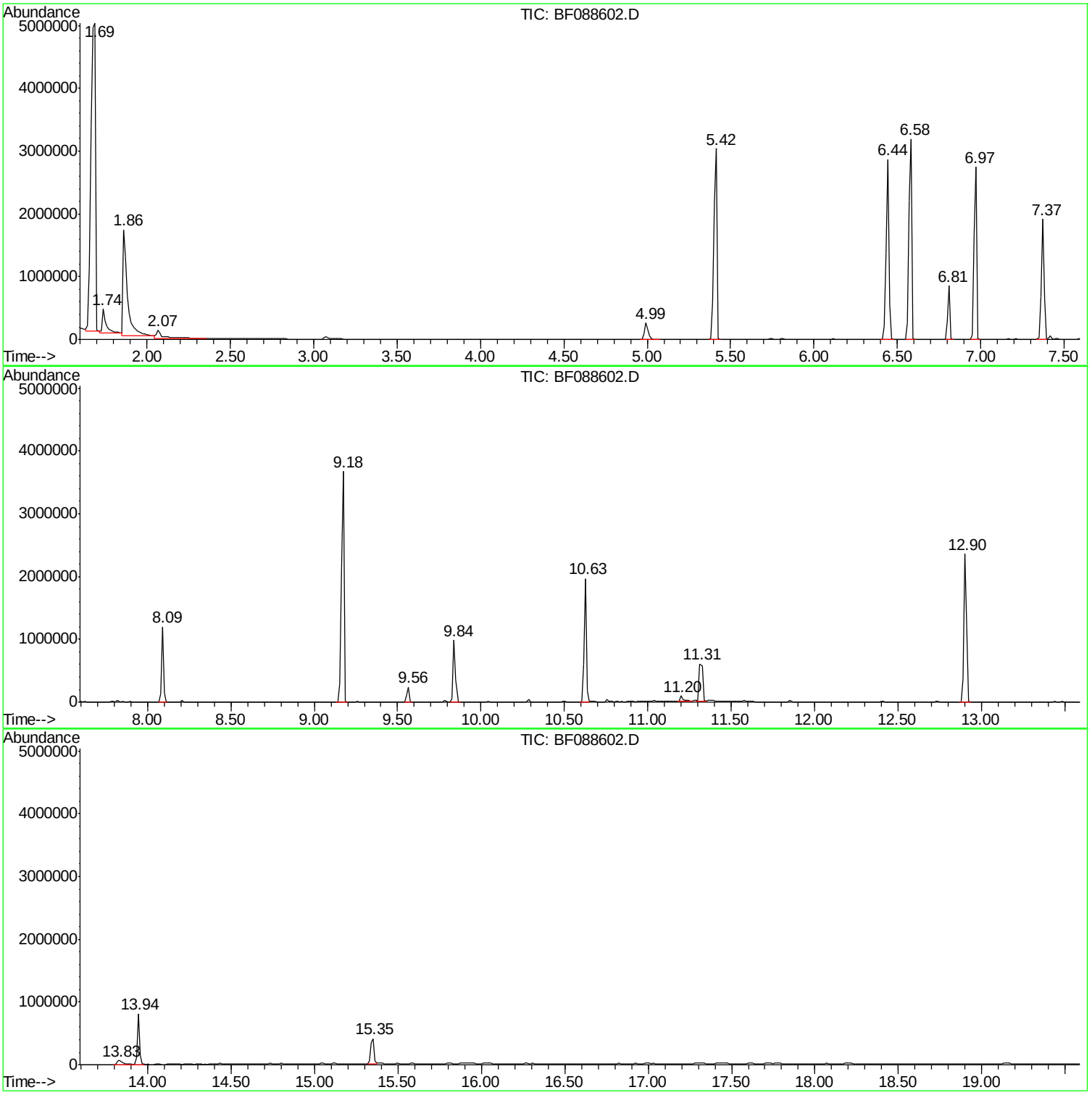
SB-07-COMP

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



Library Search Compound Report

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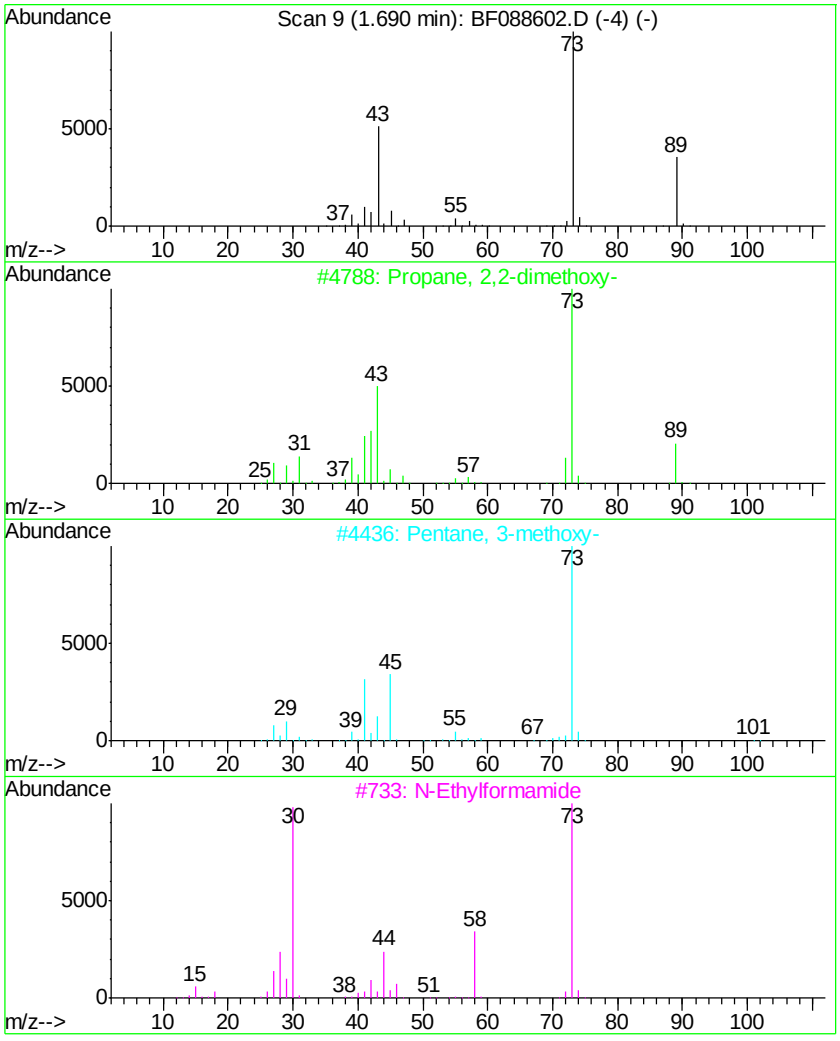
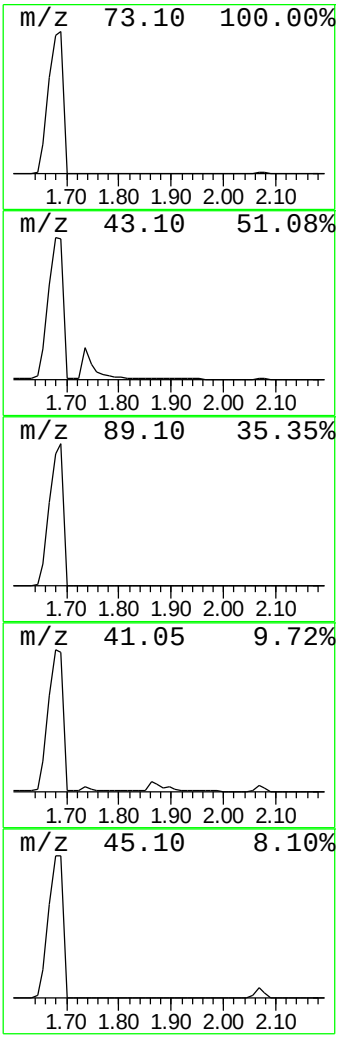
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.69	245.73 ng	9663310	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-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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ClientSampleId : SB-07-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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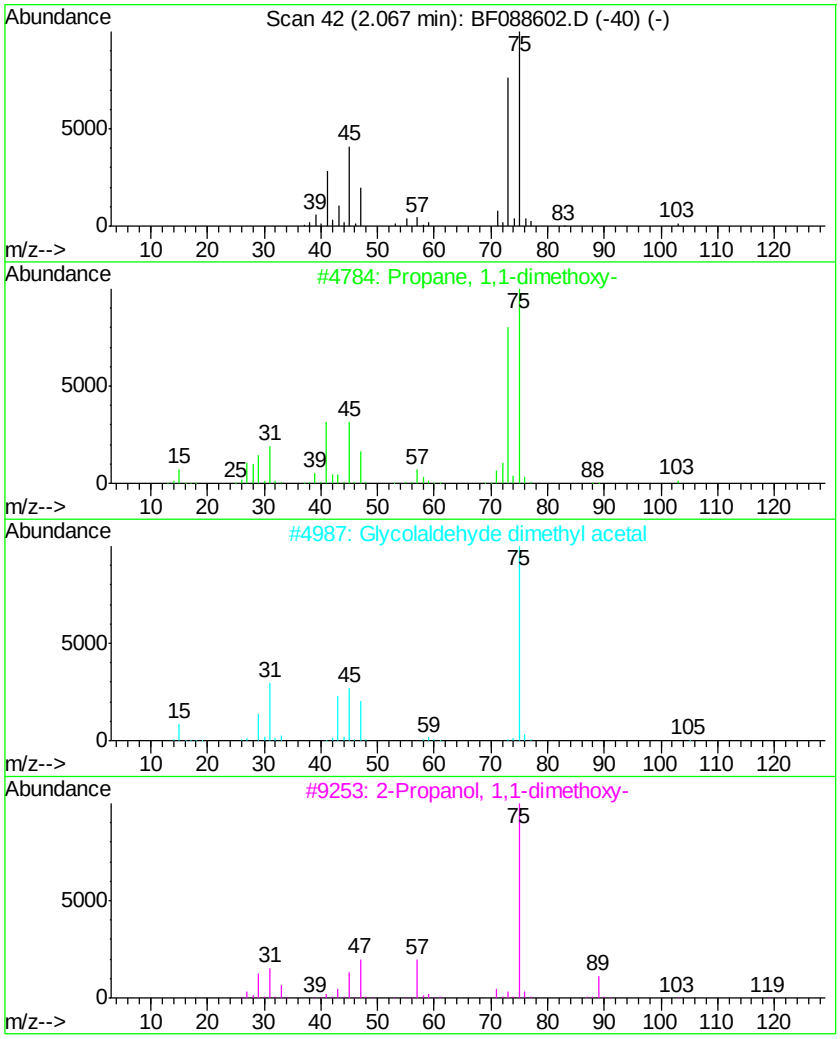
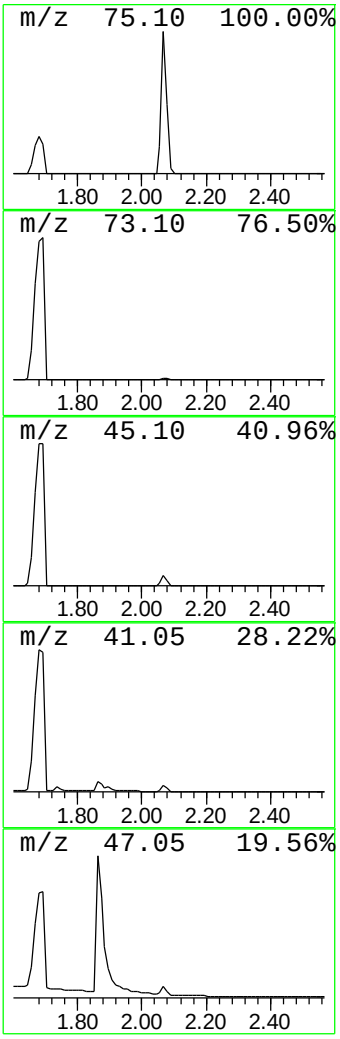
Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.07	9.53 ng	374887	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	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	36
3	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	33
4	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	23
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	22





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Sample : H3831-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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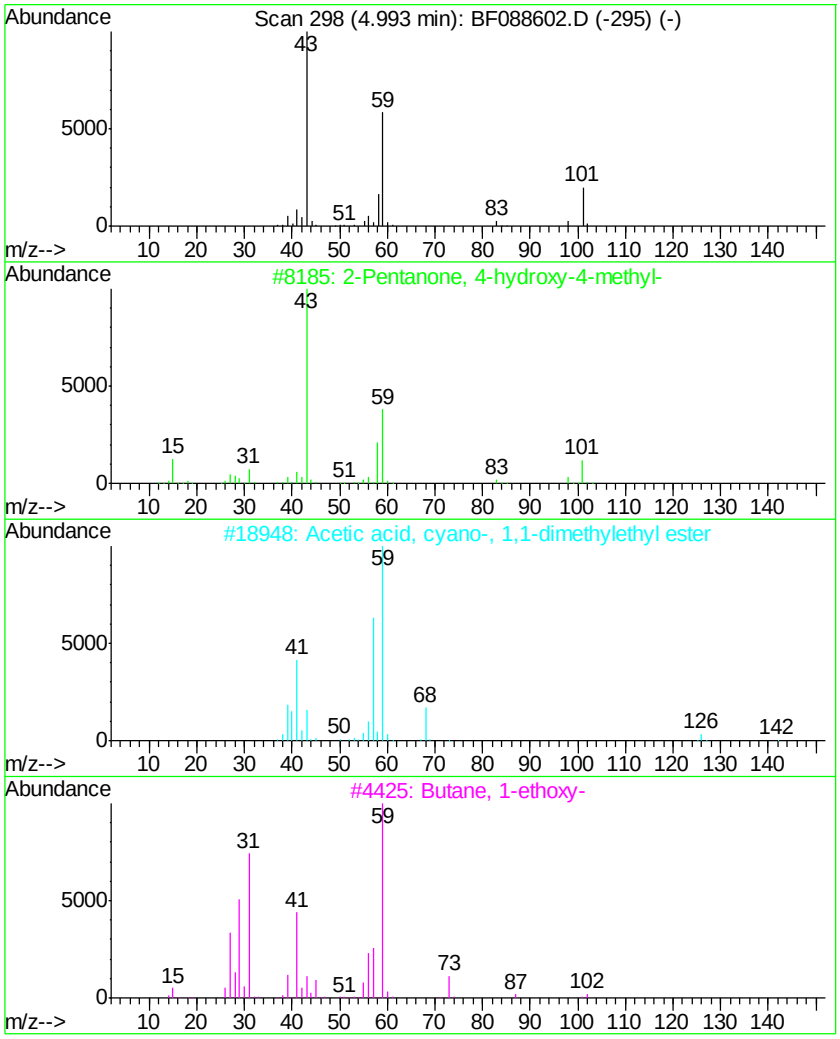
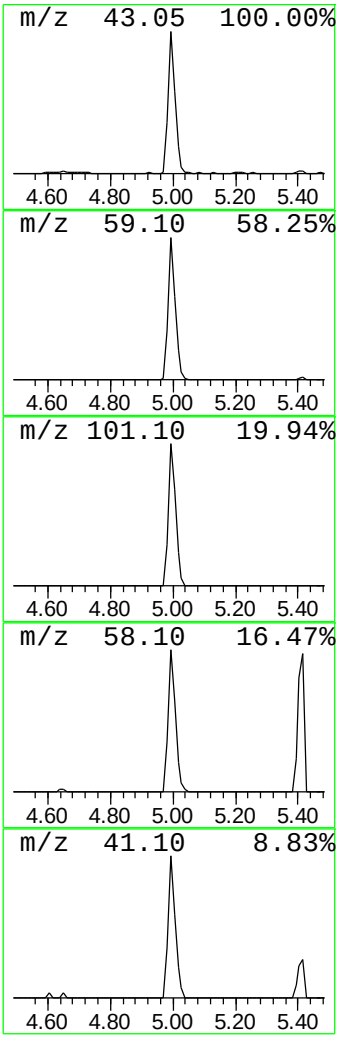
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	9.93 ng	390385	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	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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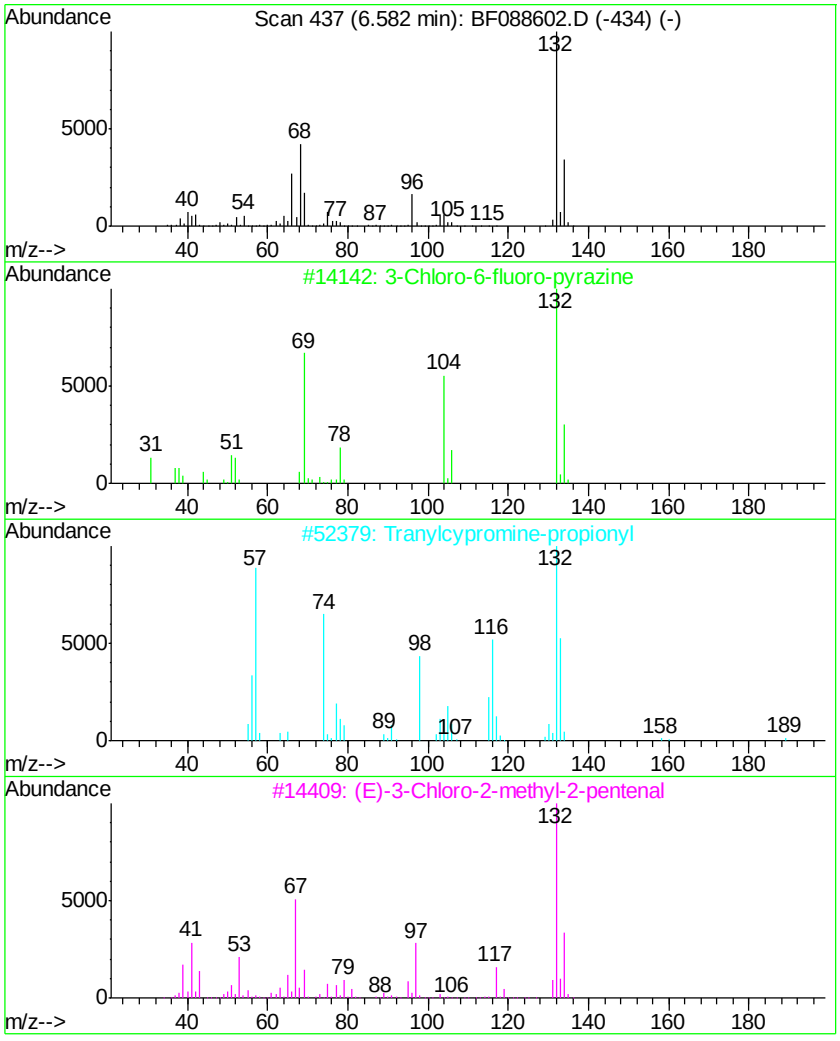
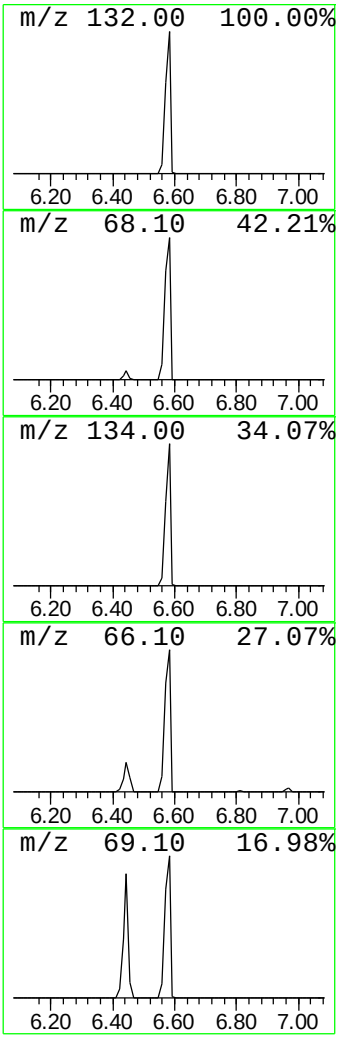
Peak Number 6 unknown6.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	99.47 ng	3911550	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Xenon	132	Xe	007440-63-3	9





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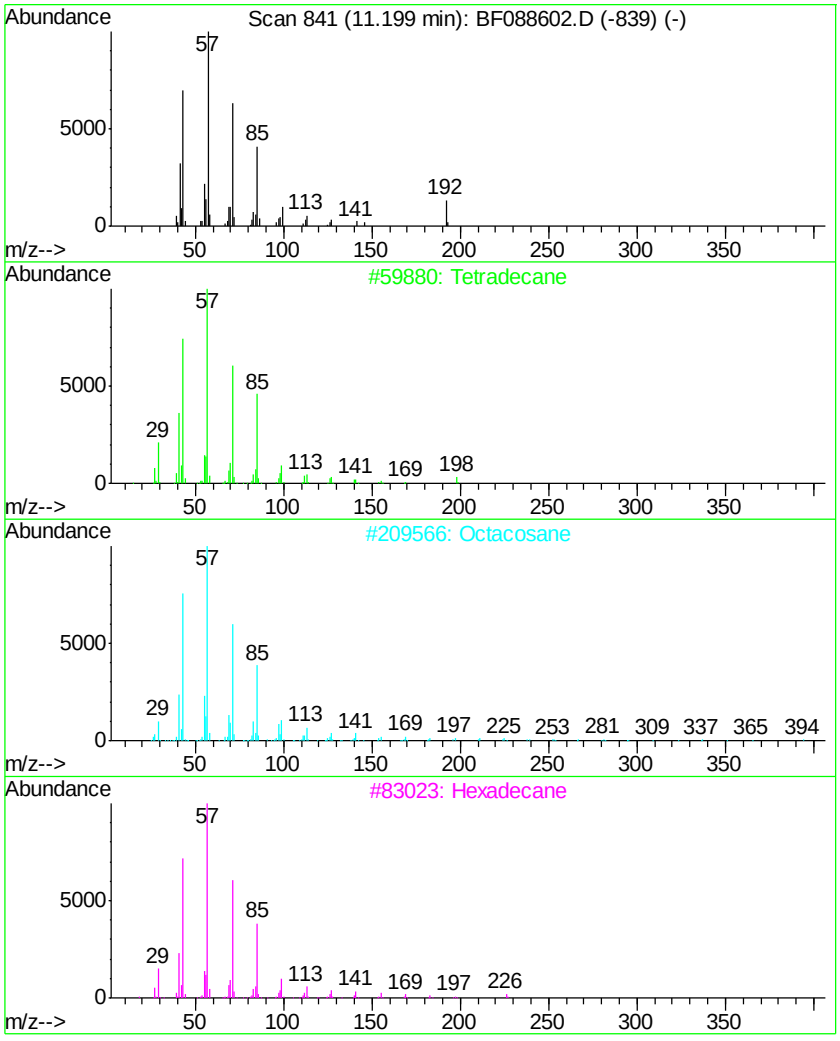
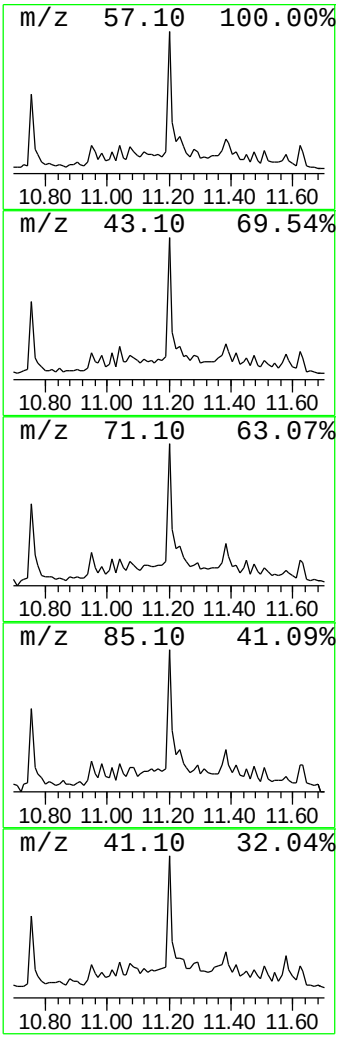
Peak Number 8 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.45 ng	98882	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Octacosane	394	C28H58	000630-02-4	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





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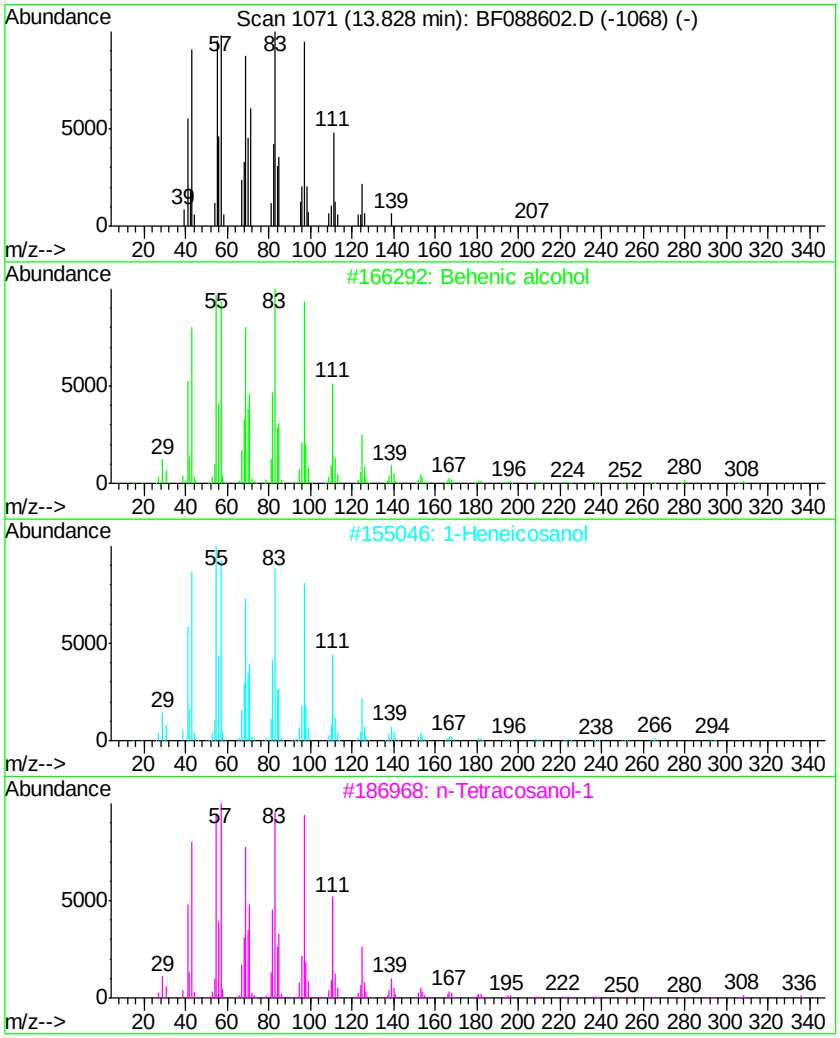
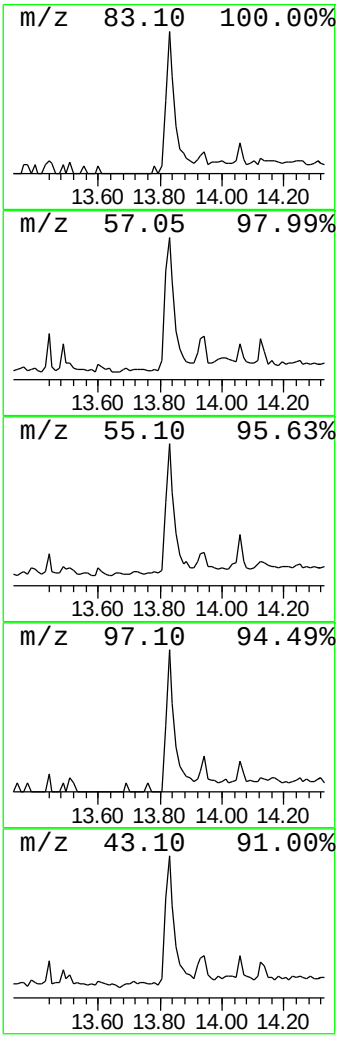
Peak Number 9 Behenic alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.52 ng	130565	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91





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...	1.69	245.7	ng	9663310	1	6.81	786485	20.0
Propane, 1,1-dime...	2.07	9.5	ng	374887	1	6.81	786485	20.0
2-Pentanone, 4-hy...	4.99	9.9	ng	390385	1	6.81	786485	20.0
unknown6.58	6.58	99.5	ng	3911550	1	6.81	786485	20.0
Tetradecane	11.20	2.5	ng	98882	4	11.32	808542	20.0
Behenic alcohol	13.83	3.5	ng	130565	5	13.94	740908	20.0