LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088604.D
Acq On : 2 Jul 2016 5:59
Operator : UM/SJ
Sample : H3831-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-19-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	1.678	4	8	10	rVB	4781835	6803544	100.00%	16.022%
2	1.735	10	13	23	rVV	522153	866012	12.73%	2.039%
3	1.861	23	24	40	rVB	2036966	4116783	60.51%	9.695%
4	2.067	40	42	63	rVB	127396	377824	5.55%	0.890%
5	4.993	295	298	303	rBV	237946	373232	5.49%	0.879%
6	5.416	331	335	337	rBV	2519718	3740206	54.97%	8.808%
7	6.444	421	425	427	rBV	2883572	3388857	49.81%	7.981%
8	6.582	434	437	439	rBV	3033272	3792728	55.75%	8.932%
9	6.810	454	457	459	rBV	856061	797849	11.73%	1.879%
10	6.970	468	471	473	rVB	2428584	2944279	43.28%	6.934%
11	7.370	503	506	508	rBV	1967648	2132845	31.35%	5.023%
12	8.090	566	569	571	rBV	1184950	1026978	15.09%	2.418%
13	9.176	660	664	666	rBV	3400661	4089429	60.11%	9.630%
14	9.565	696	698	700	rBV	201318	210025	3.09%	0.495%
15	9.839	720	722	725	rVB	1033452	973141	14.30%	2.292%
16	10.628	788	791	793	rBV	1900098	1871967	27.51%	4.408%
17	11.199	839	841	843	rBV	85075	79854	1.17%	0.188%
18	11.313	849	851	853	rVB2	728629	818317	12.03%	1.927%
19	12.902	987	990	993	rBV	2580195	2601482	38.24%	6.126%
20	13.828	1068	1071	1078	rBV	65513	146304	2.15%	0.345%
21	13.942	1078	1081	1084	rVV	835941	737163	10.83%	1.736%
22	15.348	1201	1204	1206	rBV	383220	574935	8.45%	1.354%

Sum of corrected areas: 42463754

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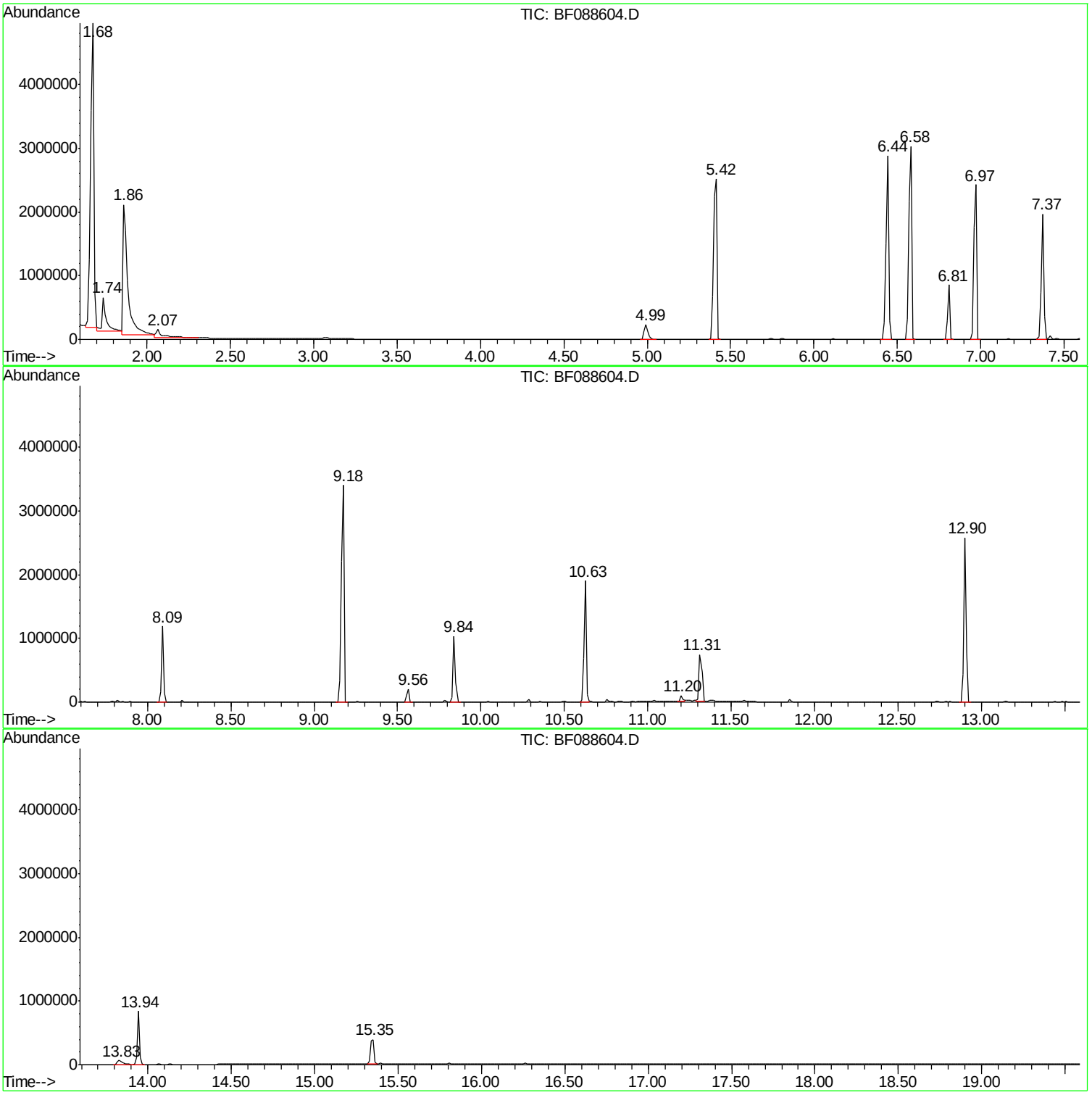
SB-19-COMP

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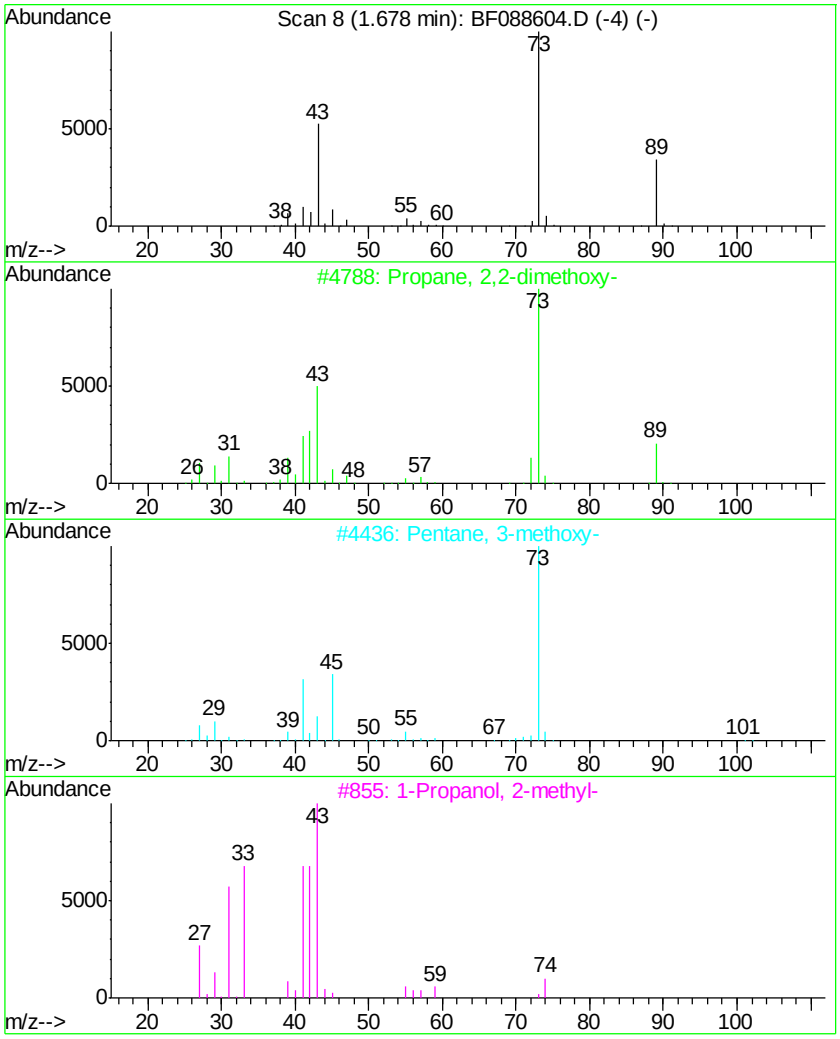
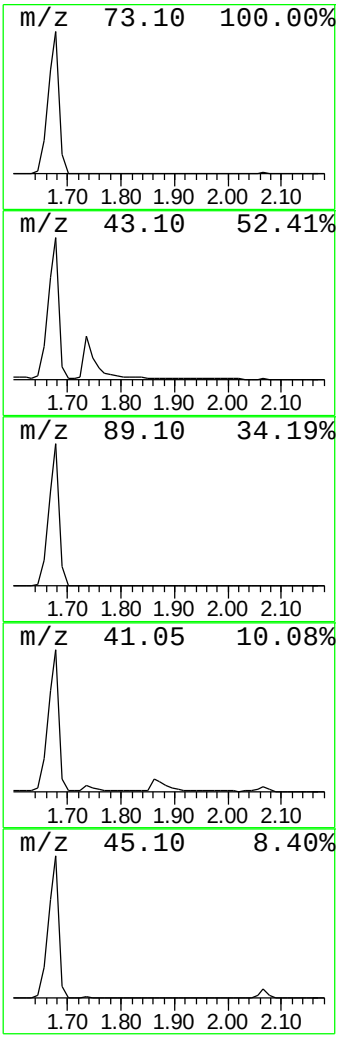
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.68	170.55 ng	6803540	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	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9





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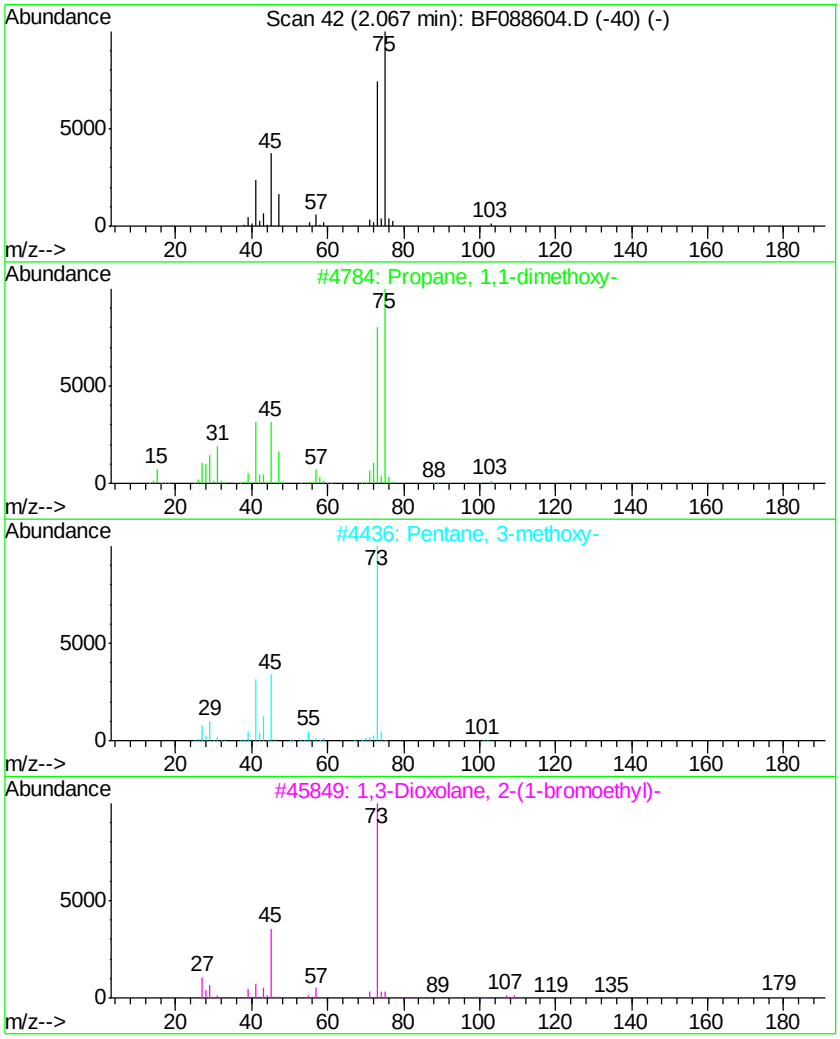
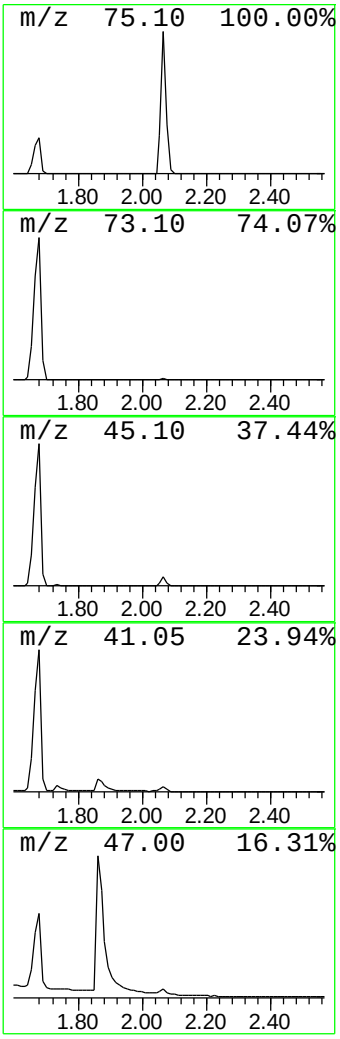
Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.07	9.47 ng	377824	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	12
3	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	10
4	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
5	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	9





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Instrument : BNA_F
ClientSampleId : SB-19-COMP

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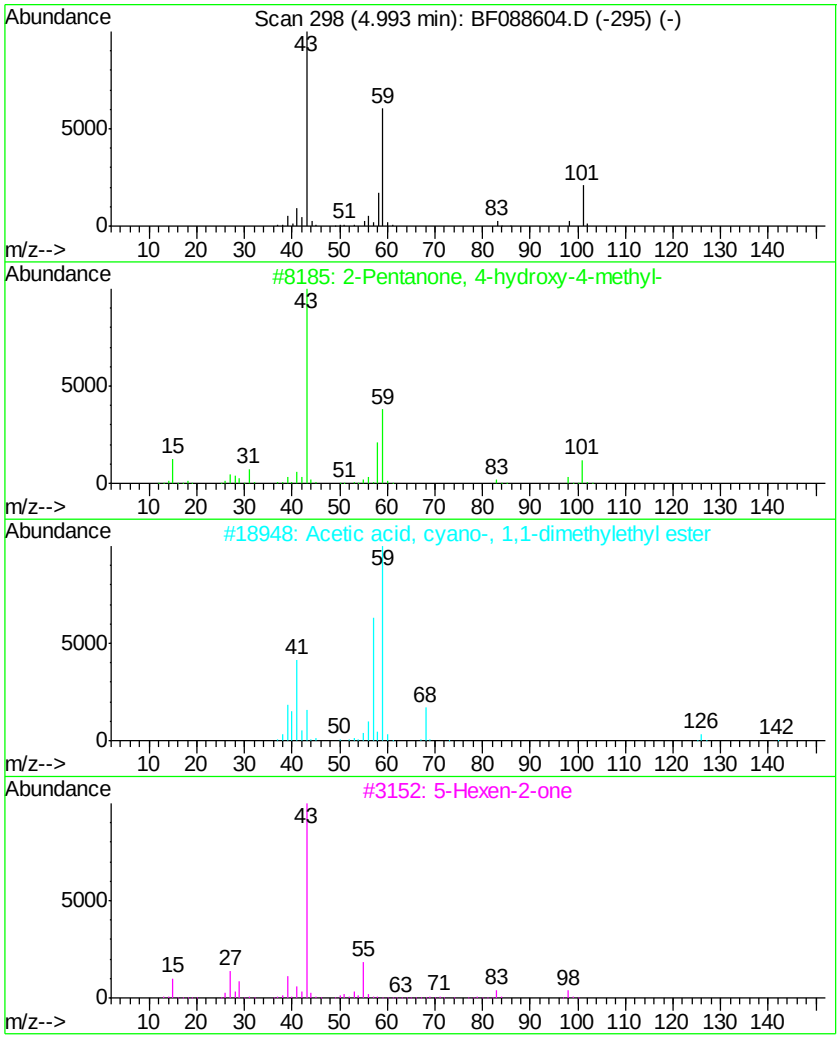
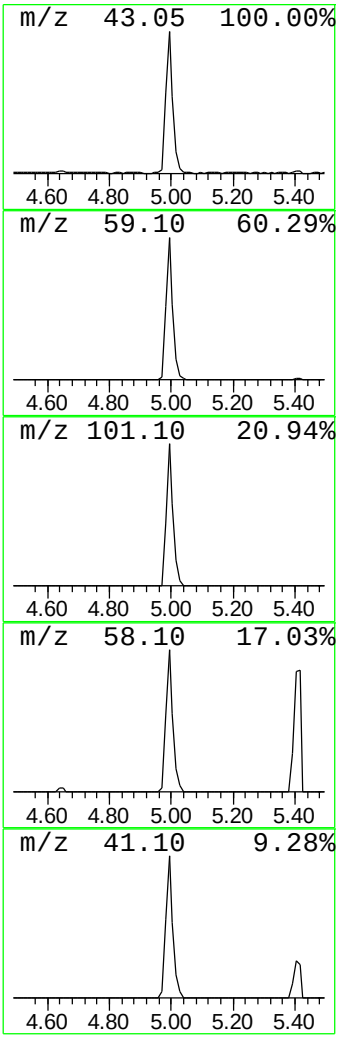
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	9.36 ng	373232	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	53
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	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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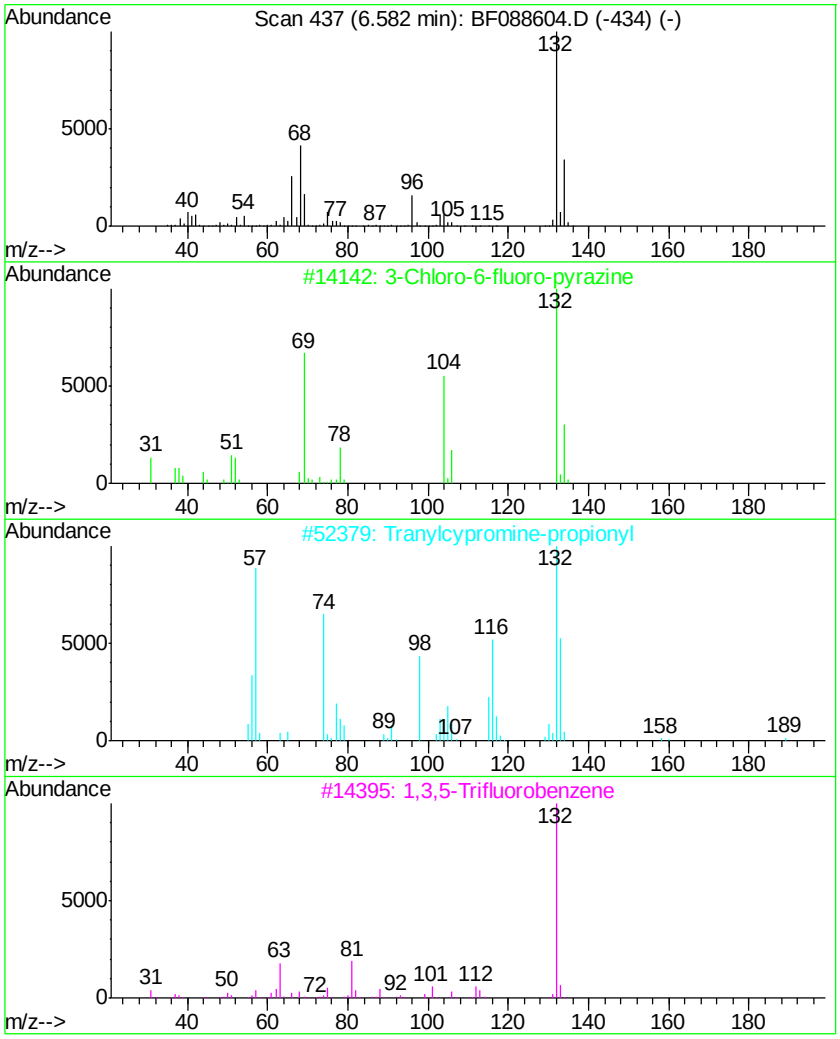
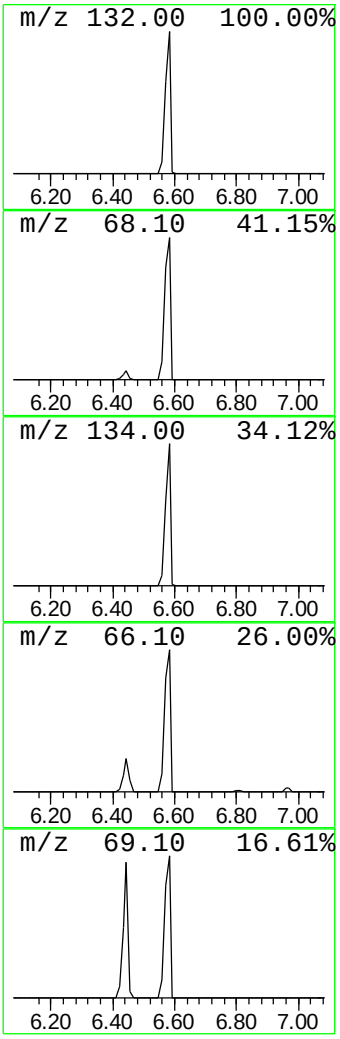
Peak Number 6 unknown6.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	95.07 ng	3792730	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	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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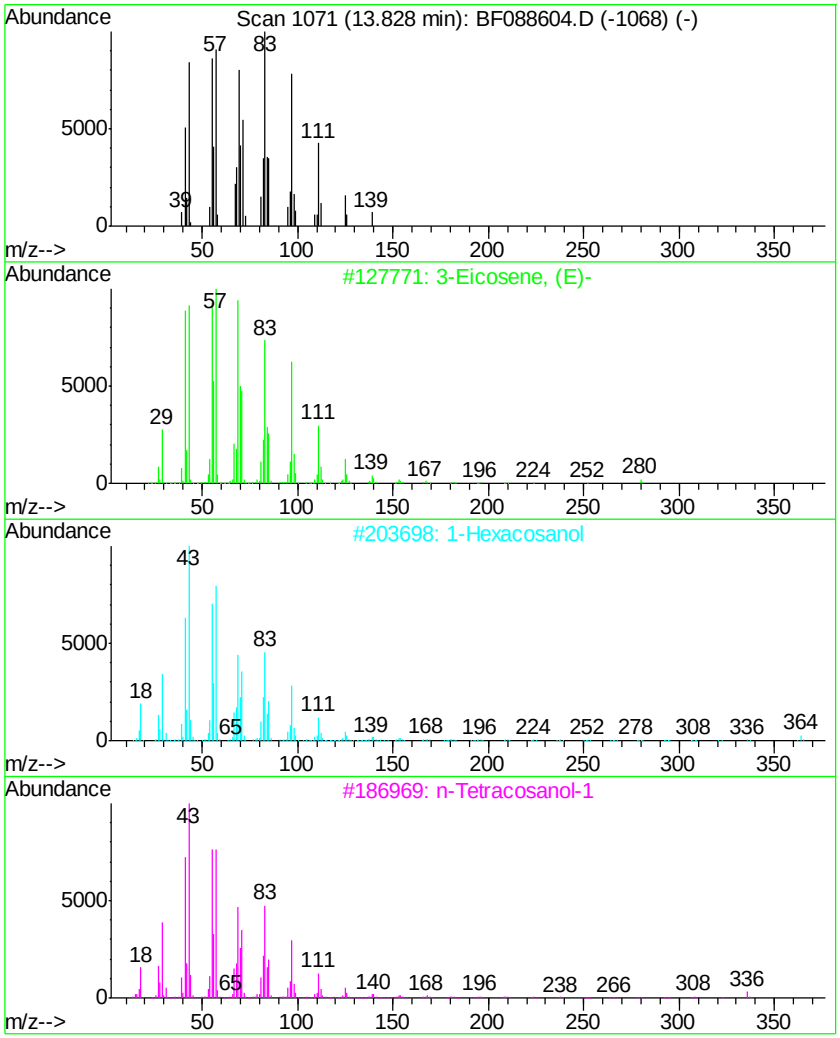
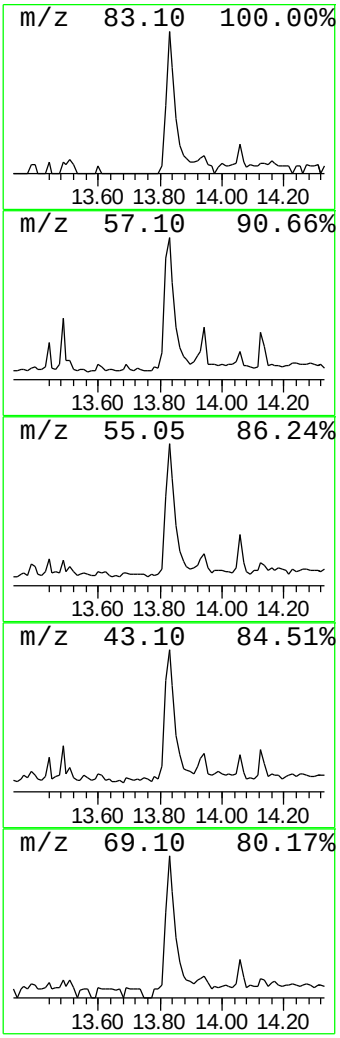
Peak Number 8 3-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.97 ng	146304	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
5	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	68





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...	1.68	170.6	ng	6803540	1	6.81	797849	20.0
Propane, 1,1-dime...	2.07	9.5	ng	377824	1	6.81	797849	20.0
2-Pentanone, 4-hy...	4.99	9.4	ng	373232	1	6.81	797849	20.0
unknown6.58	6.58	95.1	ng	3792730	1	6.81	797849	20.0
3-Eicosene, (E)-	13.83	4.0	ng	146304	5	13.94	737163	20.0