LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086317.D
Acq On : 20 Apr 2016 19:14
Operator : UM/SJ
Sample : H2625-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12

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-BF042016.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	5.036	256	258	262	rBV	673412	819748	11.54%	1.723%
2	5.459	292	295	297	rBV	2102860	3114230	43.84%	6.545%
3	5.859	328	330	333	rBV	173214	215318	3.03%	0.453%
4	6.487	382	385	389	rBV	1500666	2089899	29.42%	4.393%
5	6.545	389	390	394	rVB	145884	146562	2.06%	0.308%
6	6.625	394	397	400	rBV	4697207	5152627	72.54%	10.830%
7	6.865	415	418	421	rBV	1007571	1415038	19.92%	2.974%
8	6.922	421	423	425	rVB	88852	119873	1.69%	0.252%
9	7.013	429	431	434	rBV	3778151	4749082	66.86%	9.982%
10	7.185	444	446	450	rVB4	38535	77035	1.08%	0.162%
11	7.425	464	467	477	rBV	3493717	4481985	63.10%	9.420%
12	7.630	483	485	491	rVB	62302	73166	1.03%	0.154%
13	7.882	504	507	509	rBV	68500	86315	1.22%	0.181%
14	8.145	528	530	539	rBV	1919604	2098059	29.54%	4.410%
15	9.230	622	625	627	rBV	5438359	7103044	100.00%	14.929%
16	9.619	657	659	661	rBV	68017	79236	1.12%	0.167%
17	9.905	681	684	686	rBV	1402107	1968240	27.71%	4.137%
18	10.339	718	722	724	rBV2	143002	178340	2.51%	0.375%
19	10.556	738	741	744	rBV	52150	88081	1.24%	0.185%
20	10.682	750	752	761	rBV2	2485222	3930412	55.33%	8.261%
21	10.808	761	763	770	rVV	195717	317207	4.47%	0.667%
22	11.379	811	813	827	rVB	1696205	1882155	26.50%	3.956%
23	12.968	949	952	963	rBV	4401945	4914349	69.19%	10.329%
24	14.008	1041	1043	1051	rVB	1043216	1278770	18.00%	2.688%
25	15.437	1165	1168	1176	rBV	825697	1199445	16.89%	2.521%

Sum of corrected areas: 47578216

LSC Report - Integrated Chromatogram

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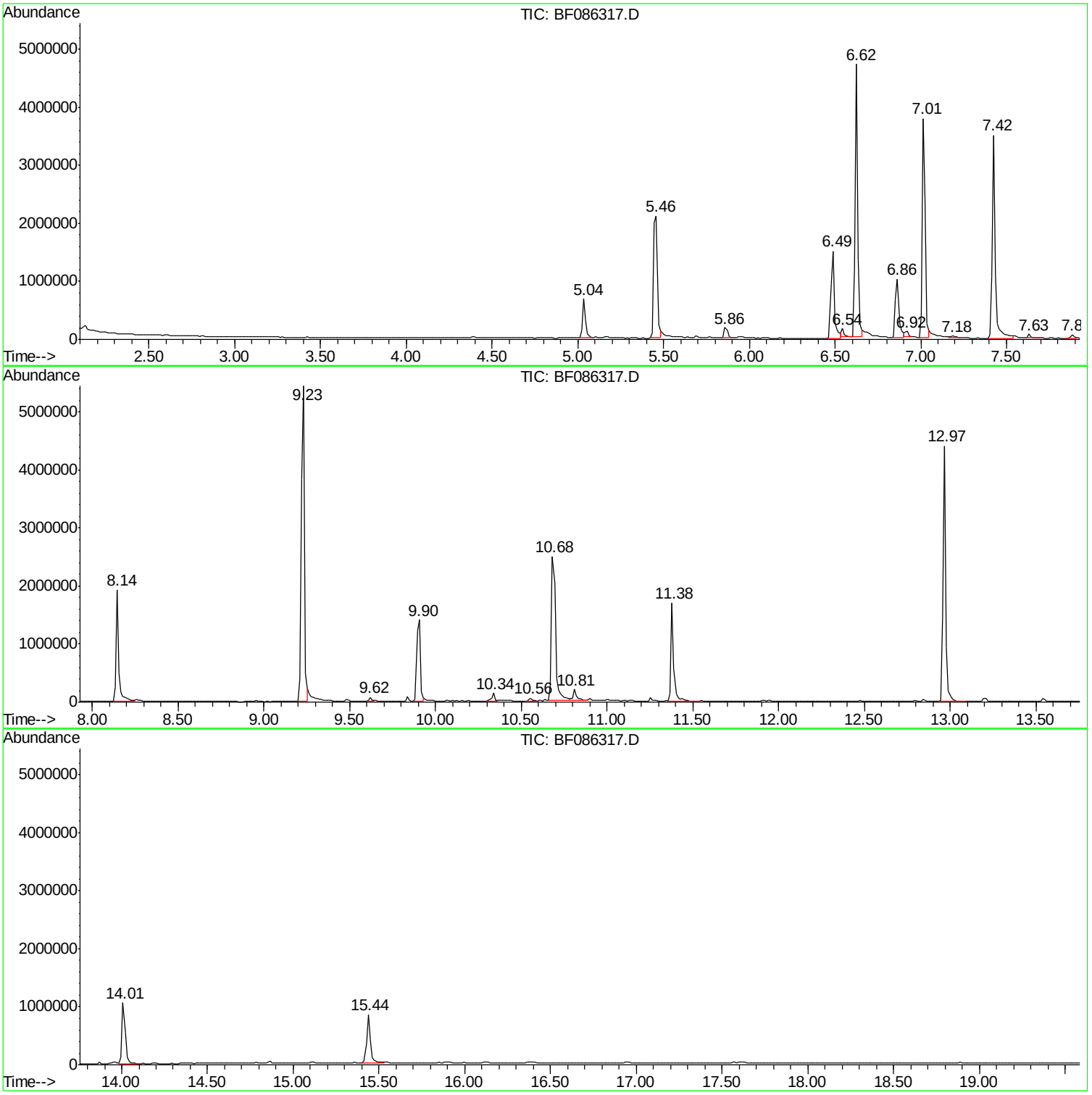
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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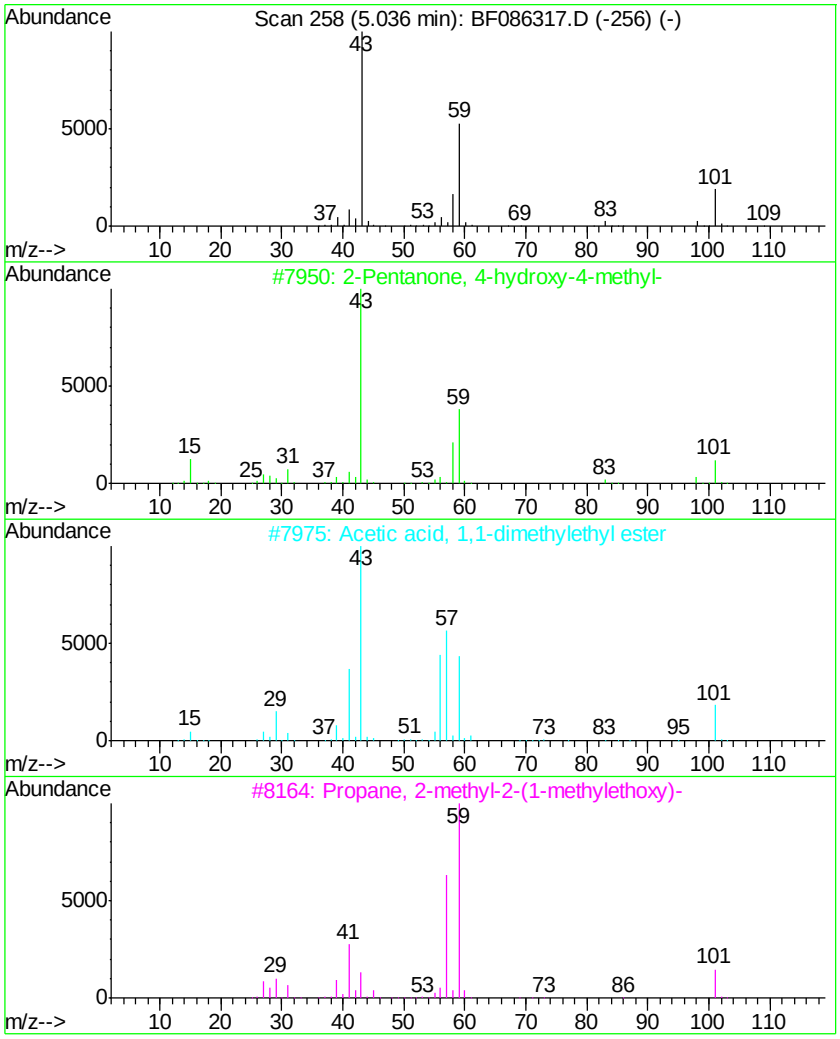
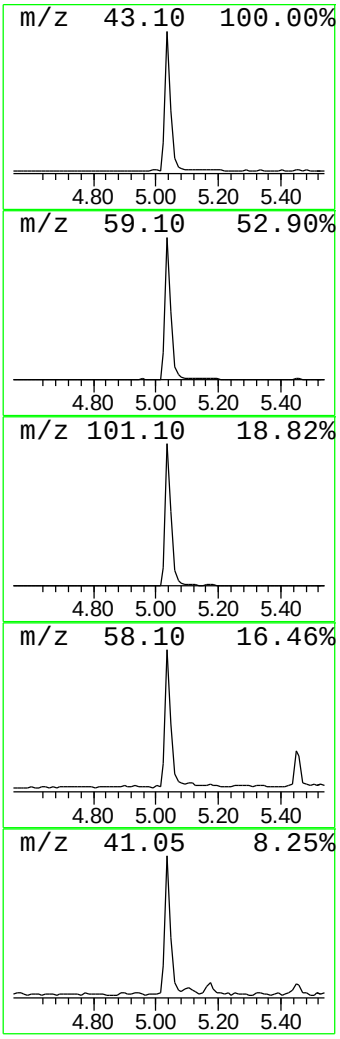
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	11.59 ng	819748	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Library Search Compound Report

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Instrument :
BNA_F
ClientSampleId :
MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
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TIC Integration Parameters: LSCINT.P

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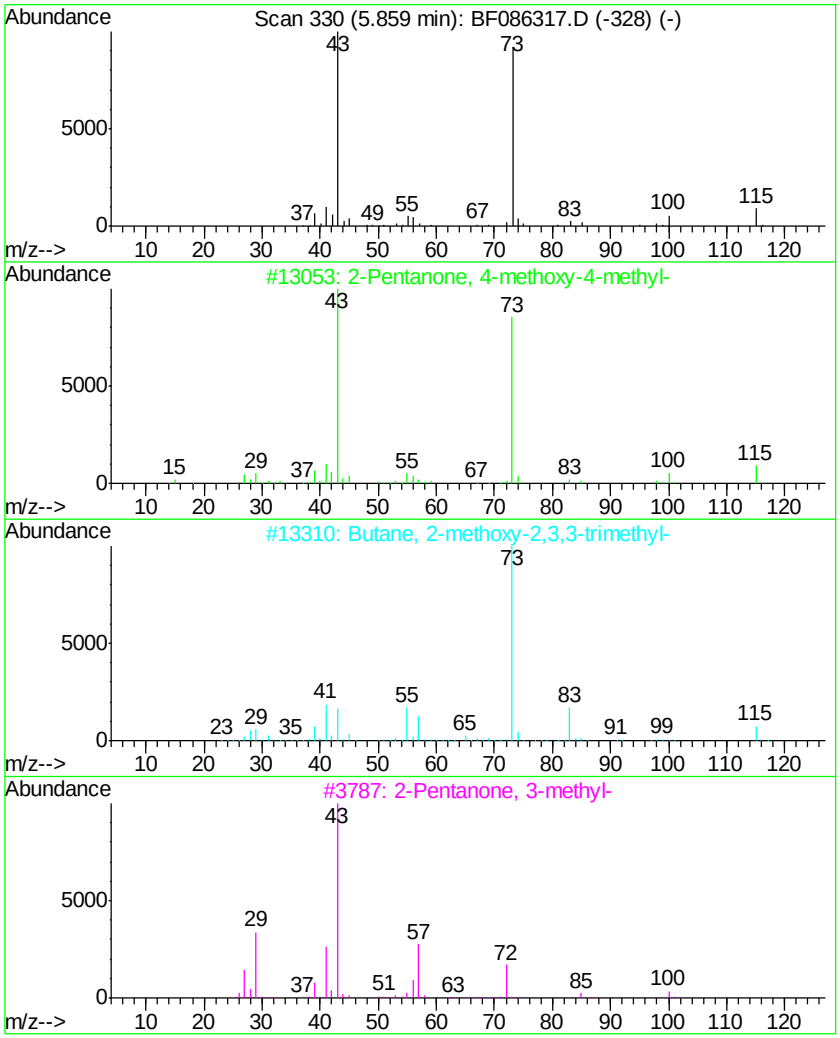
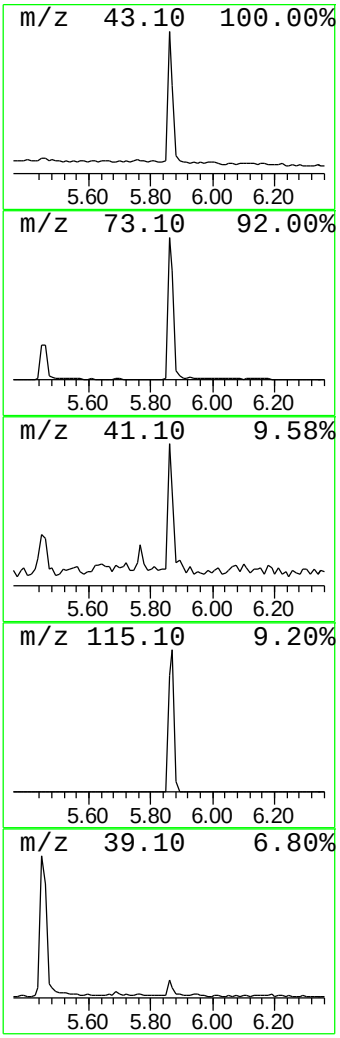
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	3.04 ng	215318	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	90
2	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	23
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	22
4	3,6-Heptanedione	128	C7H12O2	001703-51-1	17
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	12





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ClientSampleId : MW-12

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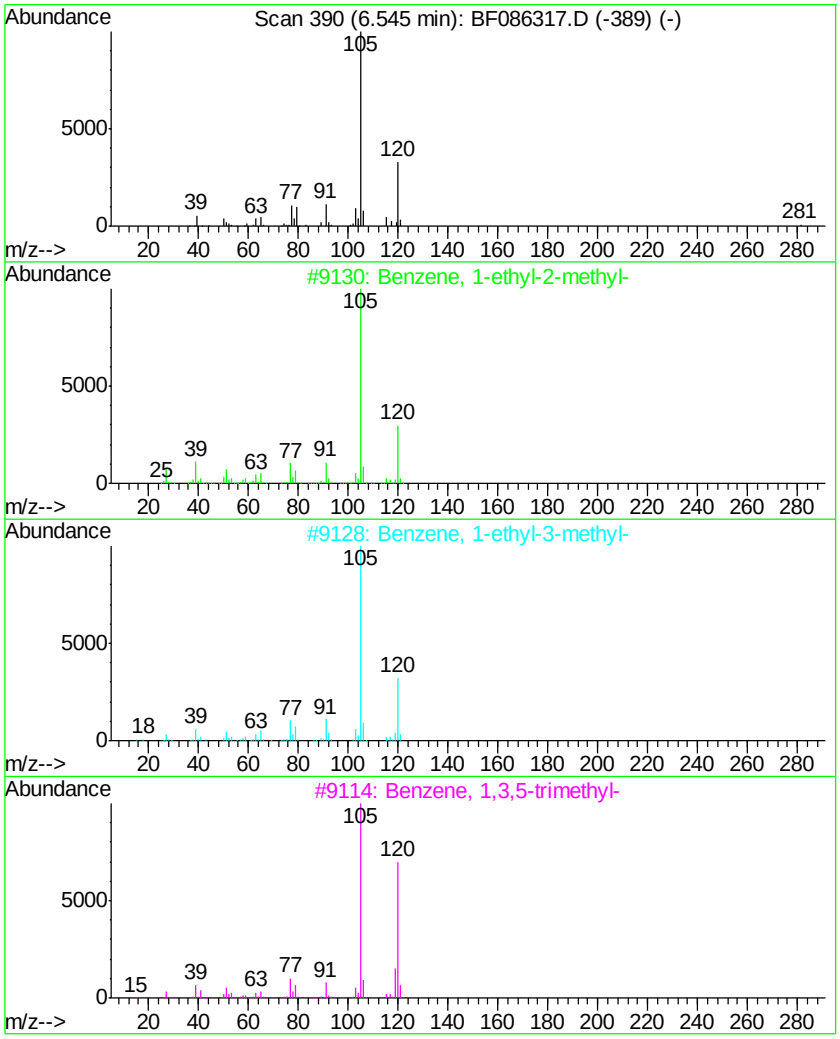
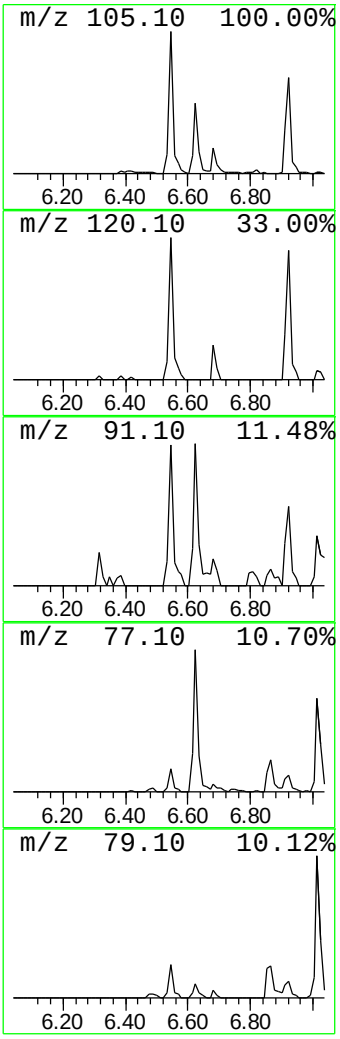
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	2.07 ng	146562	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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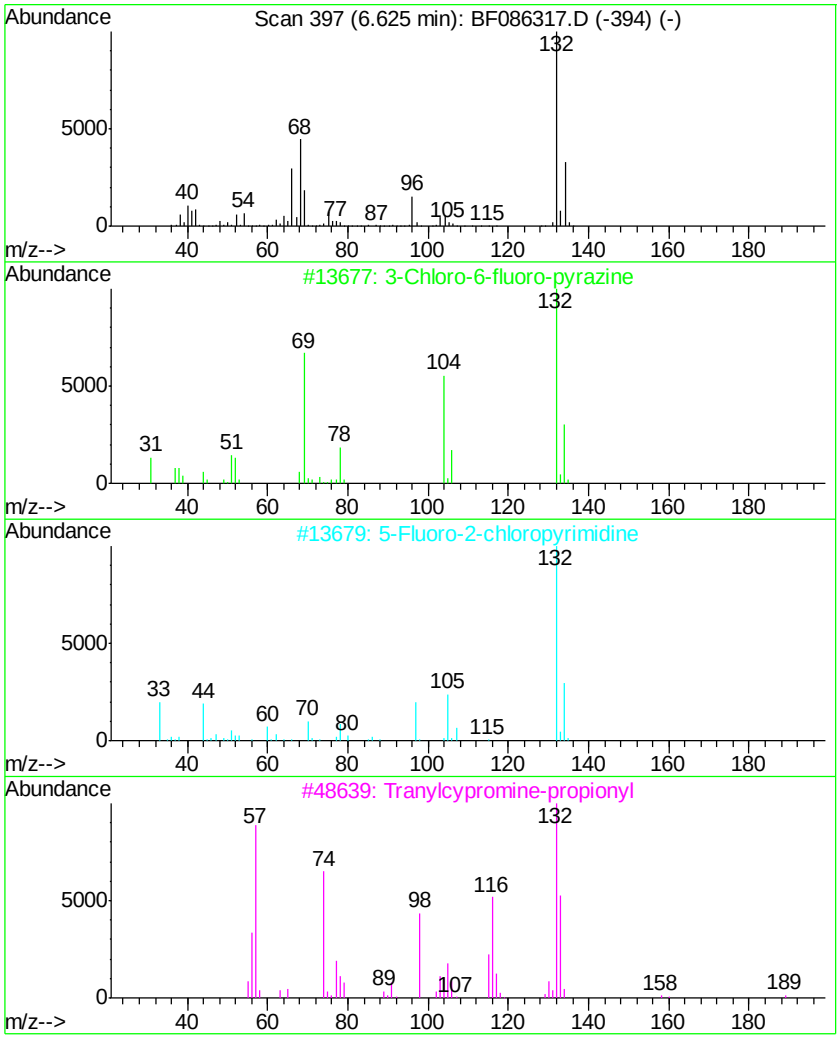
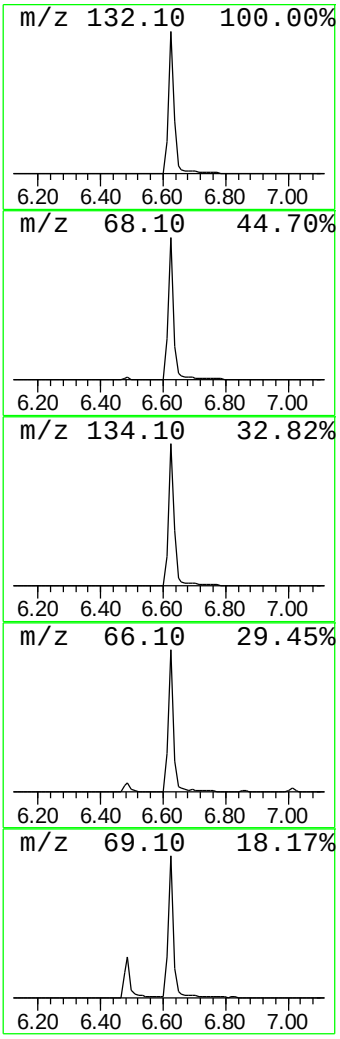
Peak Number 4 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	72.83 ng	5152630	1,4-Dichlorobenzene-d4	6.86

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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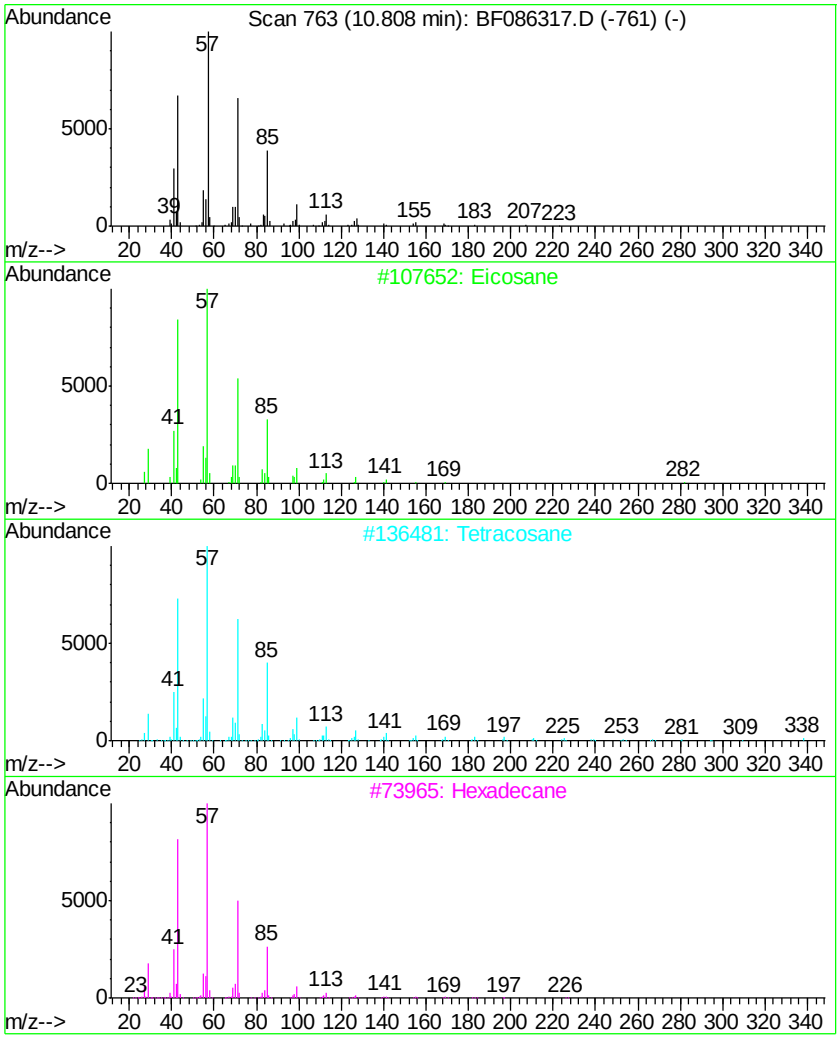
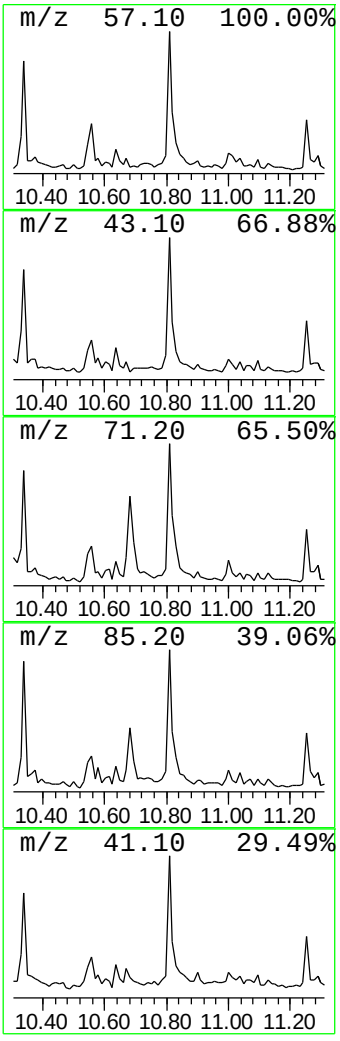
Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	3.37 ng	317207	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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...	5.04	11.6	ng	819748	1	6.86	1415040	20.0
2-Pentanone, 4-me...	5.86	3.0	ng	215318	1	6.86	1415040	20.0
Benzene, 1-ethyl-...	6.54	2.1	ng	146562	1	6.86	1415040	20.0
unknown6.62	6.62	72.8	ng	5152630	1	6.86	1415040	20.0
Eicosane	10.81	3.4	ng	317207	4	11.38	1882160	20.0