LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086886.D
Acq On : 11 May 2016 7:35
Operator : UM/SJ
Sample : H2916-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE-FILL-CSPH3-9K

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-BF050916.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	4.842	239	241	250	rBV	437765	808611	16.18%	1.983%
2	5.287	278	280	296	rBV	4207234	4837382	96.79%	11.864%
3	5.687	313	315	321	rVB	62322	92791	1.86%	0.228%
4	6.350	370	373	375	rBV	4277928	4886726	97.78%	11.985%
5	6.465	380	383	385	rBV	3474095	4997610	100.00%	12.257%
6	6.682	400	402	405	rBV	1155947	1031769	20.65%	2.531%
7	6.842	413	416	418	rBV	3950204	3829330	76.62%	9.392%
8	7.116	439	440	450	rBV	154821	311921	6.24%	0.765%
9	7.253	450	452	455	rBV	2406268	3406491	68.16%	8.355%
10	7.973	512	515	517	rBV	1177185	1227563	24.56%	3.011%
11	9.048	606	609	612	rBV	4221721	3861317	77.26%	9.470%
12	9.173	618	620	625	rVB	68443	73507	1.47%	0.180%
13	9.448	642	644	646	rBV	678074	579550	11.60%	1.421%
14	9.665	661	663	665	rBV	114184	123616	2.47%	0.303%
15	9.722	665	668	670	rBV	1089352	1175498	23.52%	2.883%
16	10.156	705	706	708	rVB	213790	169678	3.40%	0.416%
17	10.316	718	720	723	rBV	33146	55651	1.11%	0.136%
18	10.373	723	725	729	rVB	61336	91716	1.84%	0.225%
19	10.511	734	737	739	rBV	2349303	2574452	51.51%	6.314%
20	10.625	746	747	752	rVB	175498	236007	4.72%	0.579%
21	11.071	784	786	788	rBV	101437	103622	2.07%	0.254%
22	11.196	795	797	799	rBV	1165090	1014718	20.30%	2.489%
23	11.745	842	845	849	rBV2	112345	173136	3.46%	0.425%
24	12.785	933	936	938	rBV	2365077	3156524	63.16%	7.742%
25	13.265	976	978	980	rBV	58692	64018	1.28%	0.157%
26	13.711	1013	1017	1024	rBV	88409	270297	5.41%	0.663%
27	13.825	1024	1027	1029	rBV	766031	843793	16.88%	2.069%
28	15.197	1144	1147	1153	rVB	576913	711548	14.24%	1.745%
29	16.546	1262	1265	1272	rVB3	23559	64302	1.29%	0.158%

Sum of corrected areas: 40773144

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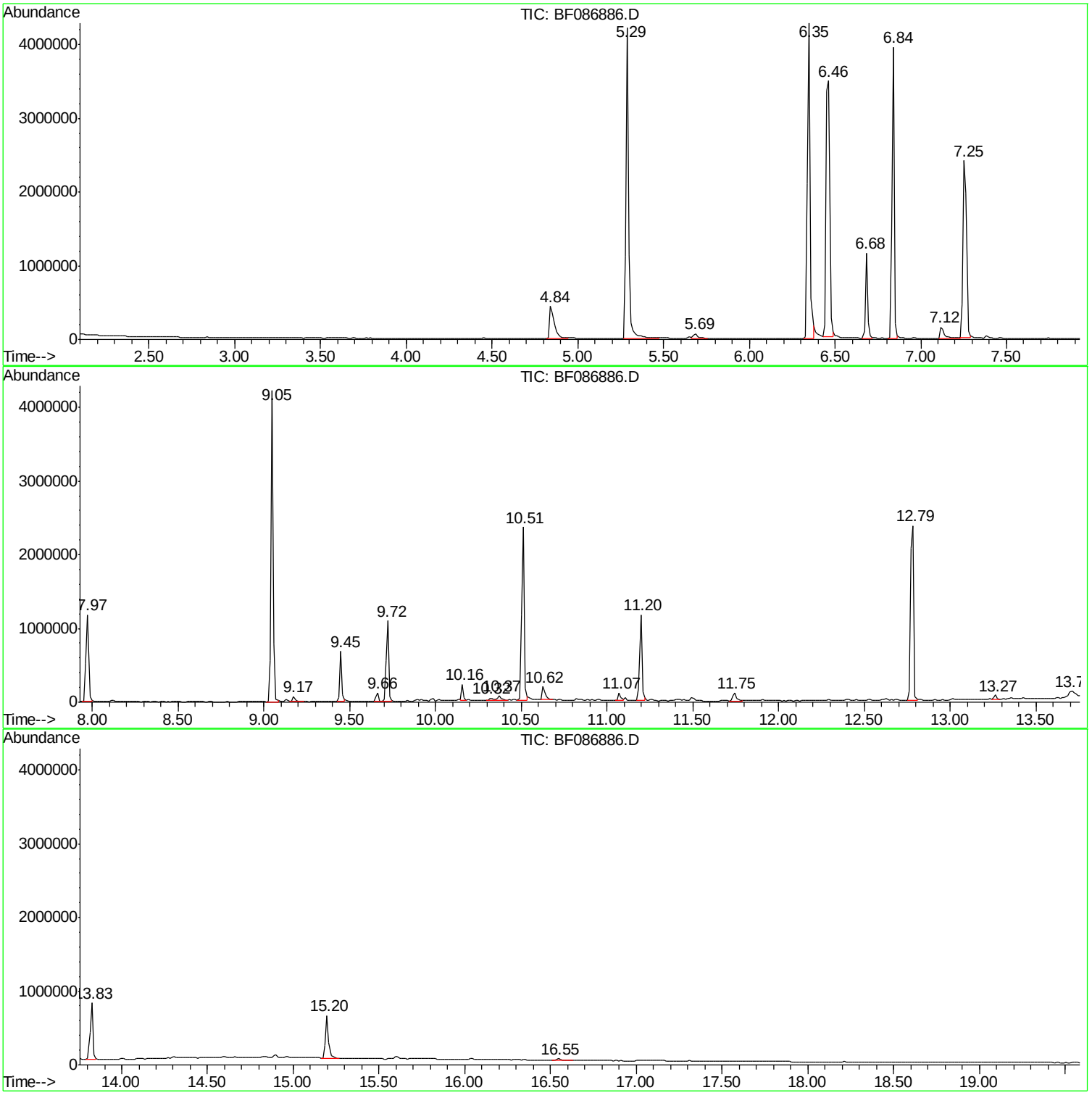
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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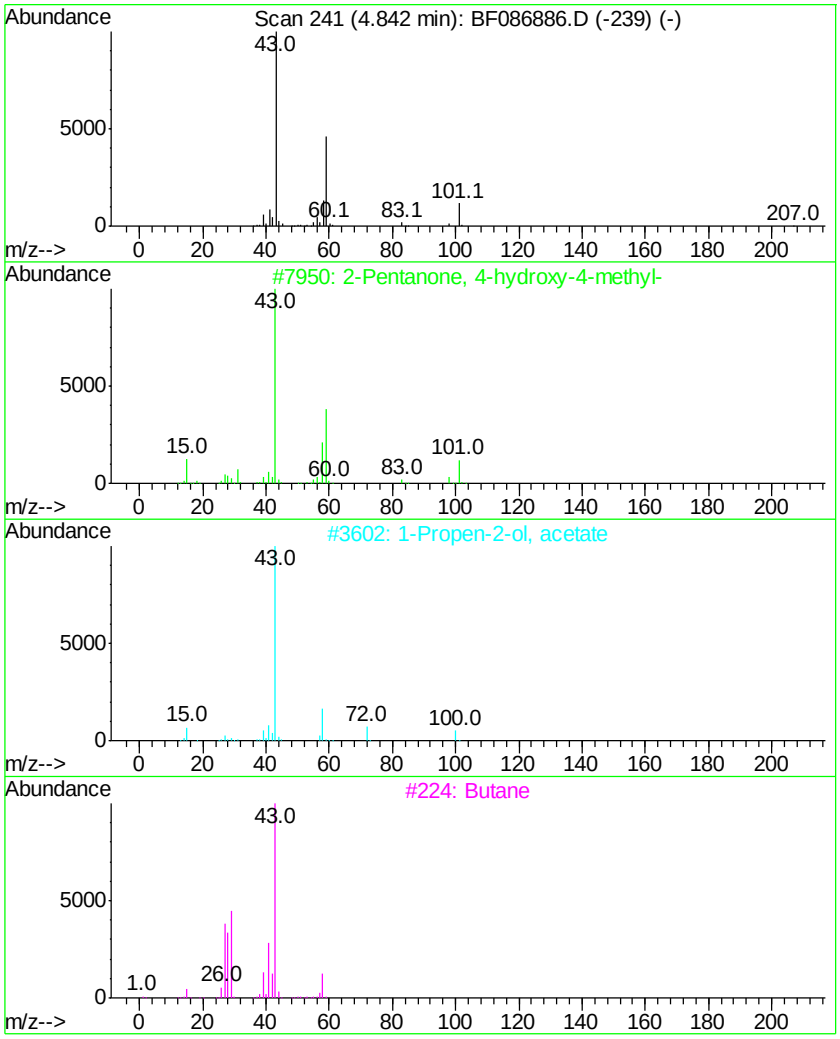
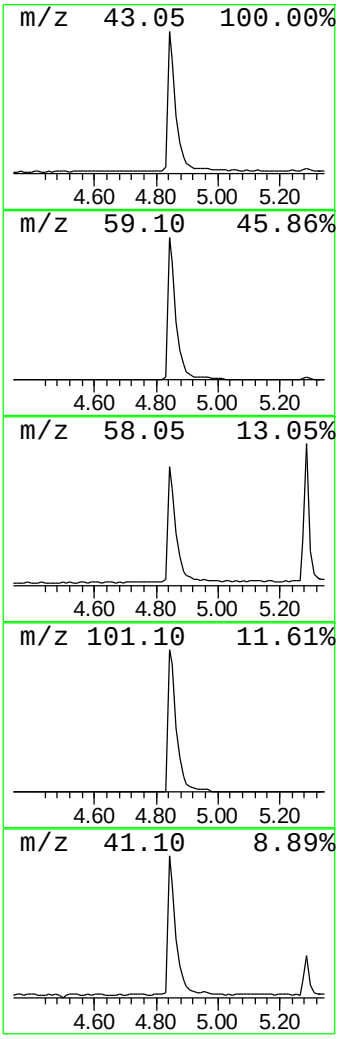
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	15.67 ng	808611	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Butane	58	C4H10	000106-97-8	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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ClientSampleId : VITALE-FILL-CSPH3-9K

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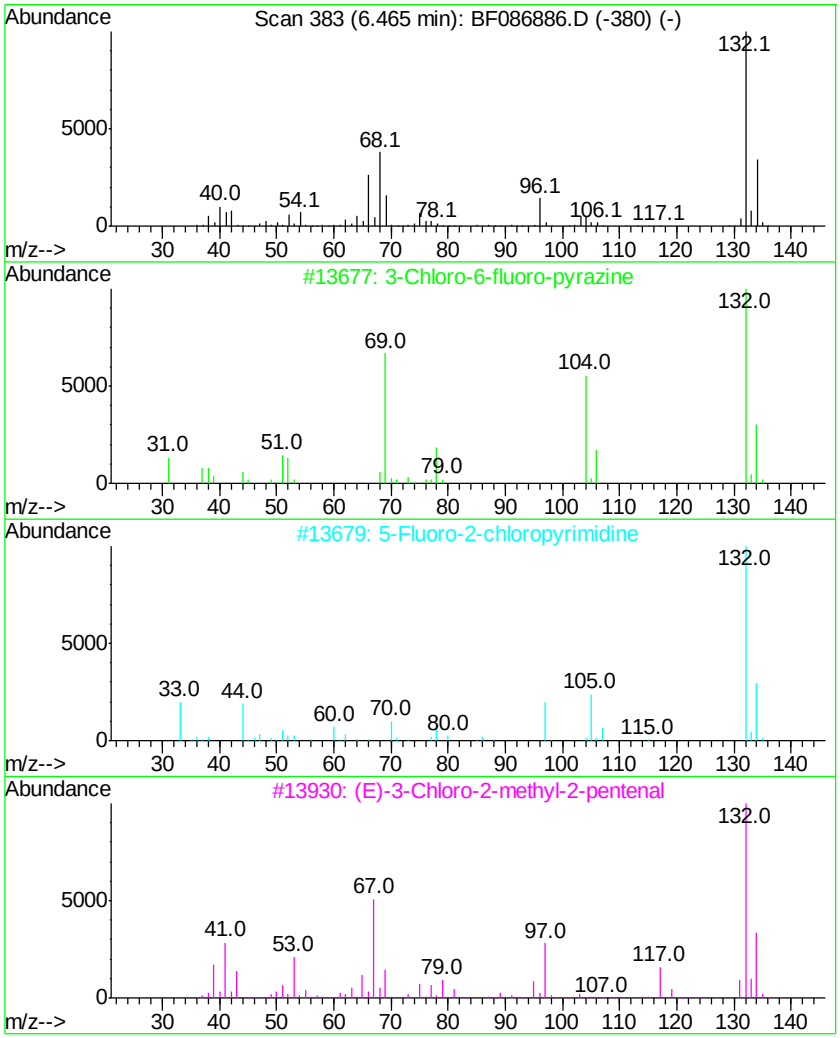
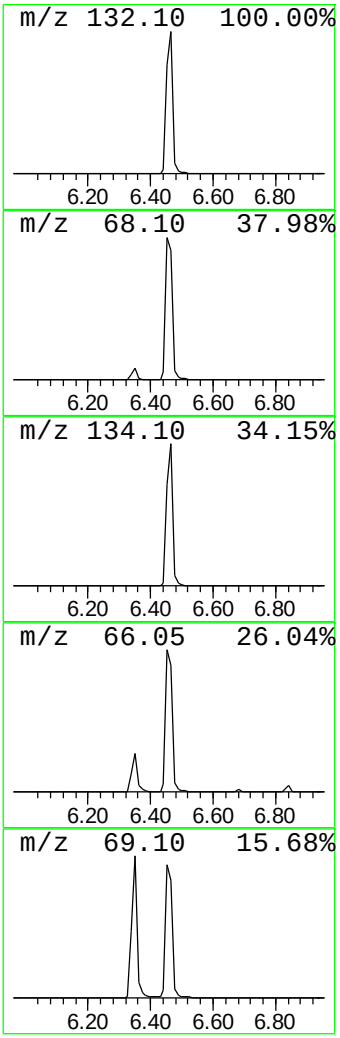
Peak Number 2 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	96.87 ng	4997610	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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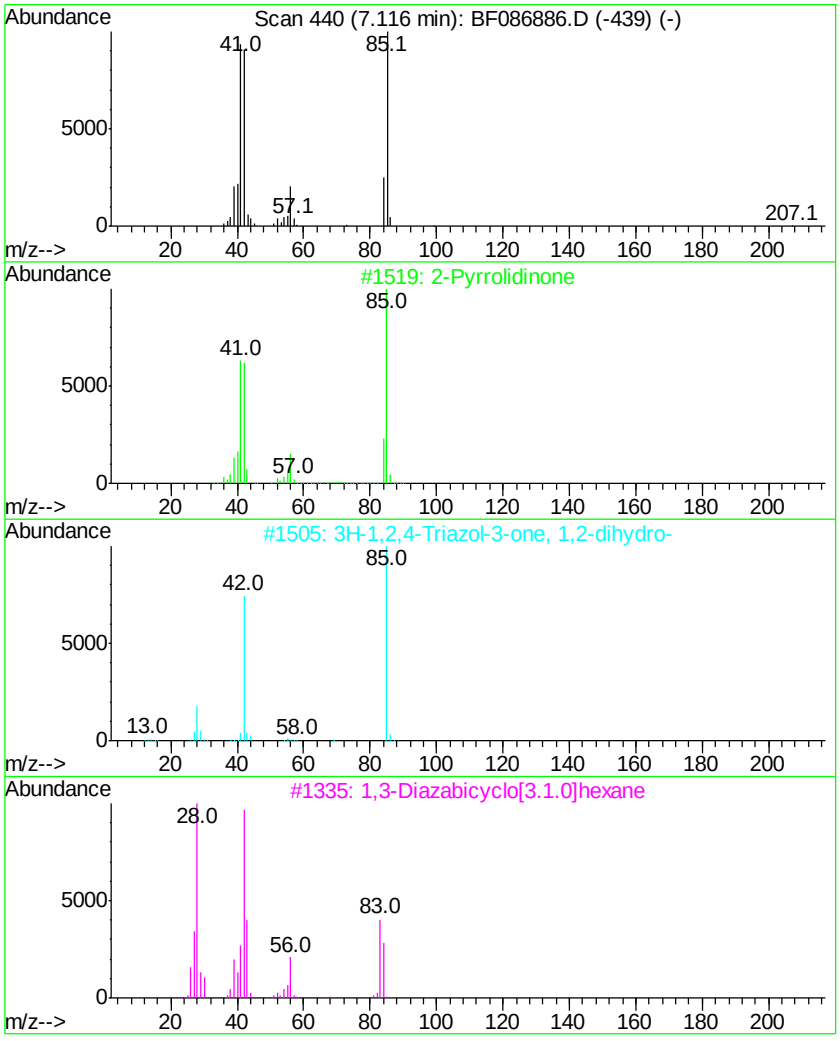
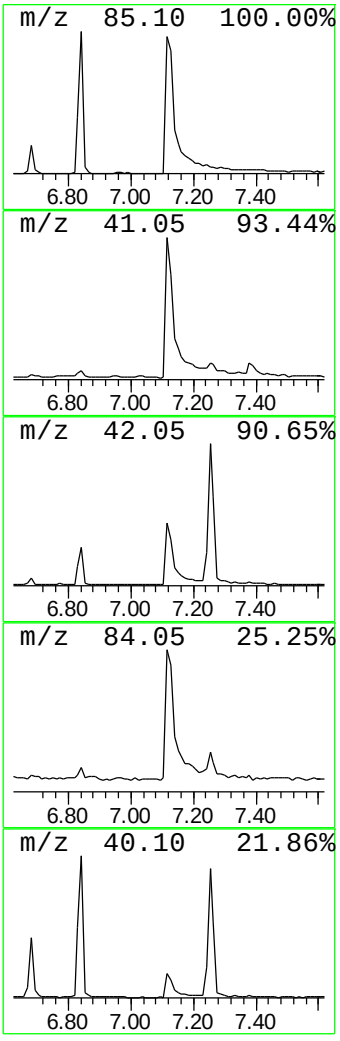
Peak Number 4 2-Pyrrolidinone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	6.05 ng	311921	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	91
2	3H-1,2,4-Triazol-3-one, 1,2-dihy...	85	C2H3N3O	000930-33-6	53
3	1,3-Diazabicyclo[3.1.0]hexane	84	C4H8N2	017038-28-7	43
4	Butyrolactone	86	C4H6O2	000096-48-0	23
5	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	17





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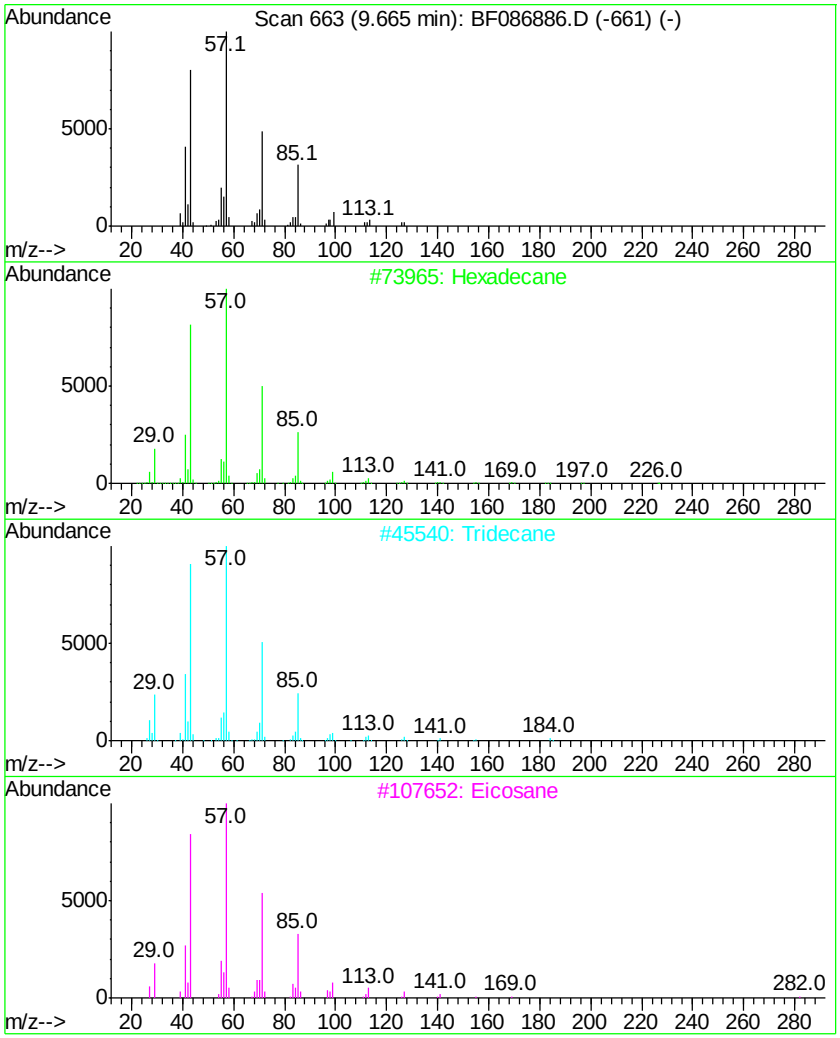
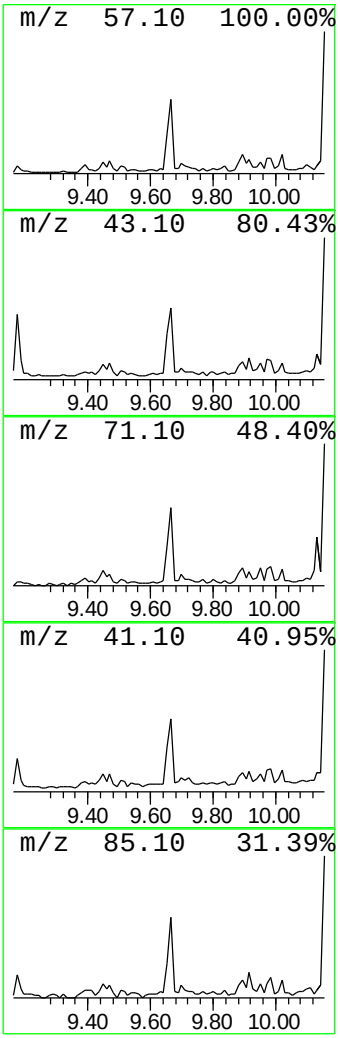
Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	2.10 ng	123616	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetradecane	198	C14H30	000629-59-4	83





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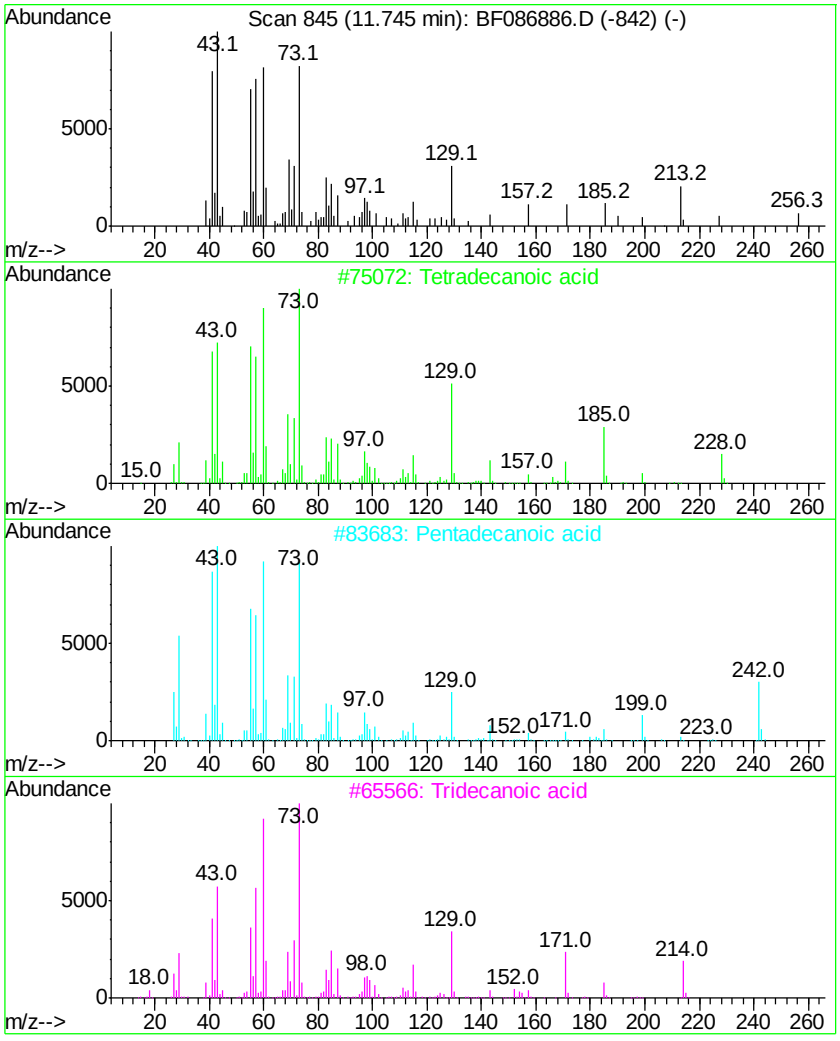
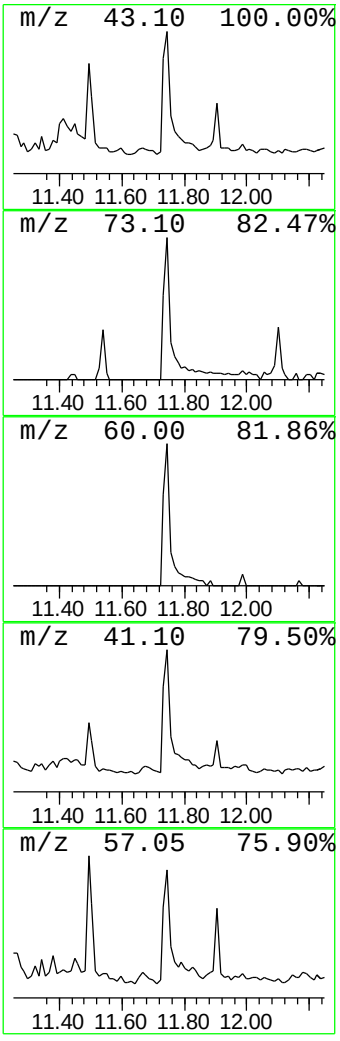
Peak Number 9 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.41 ng	173136	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





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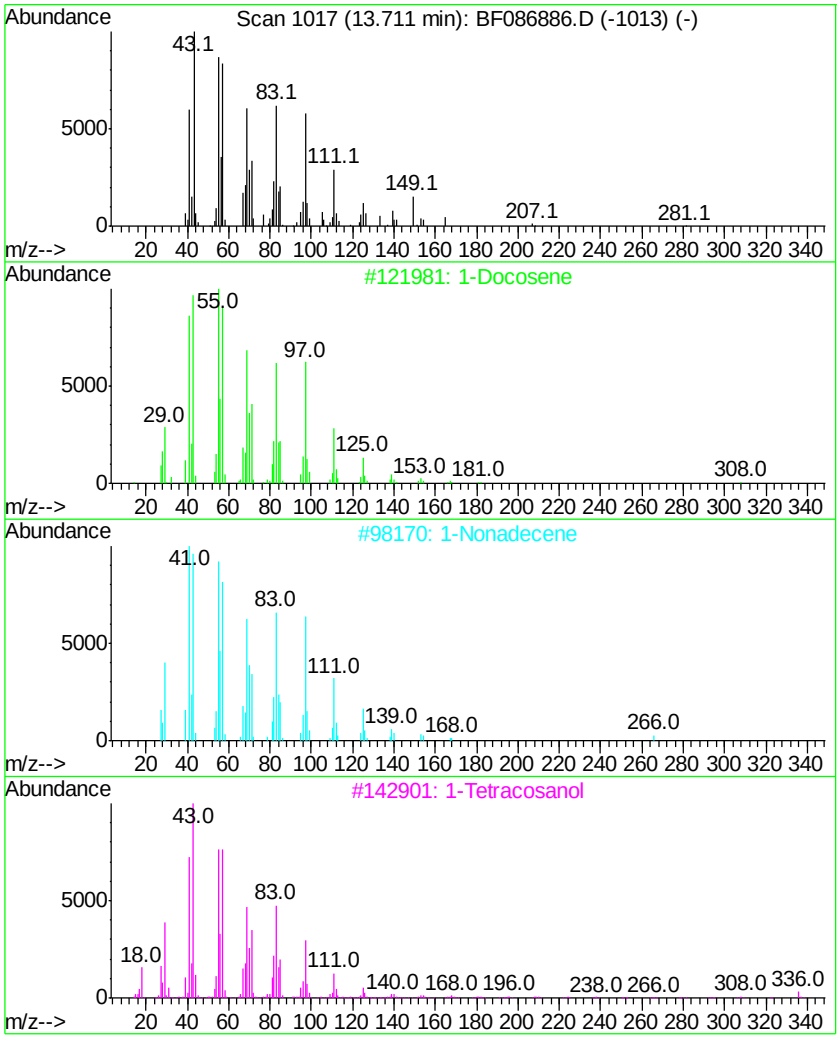
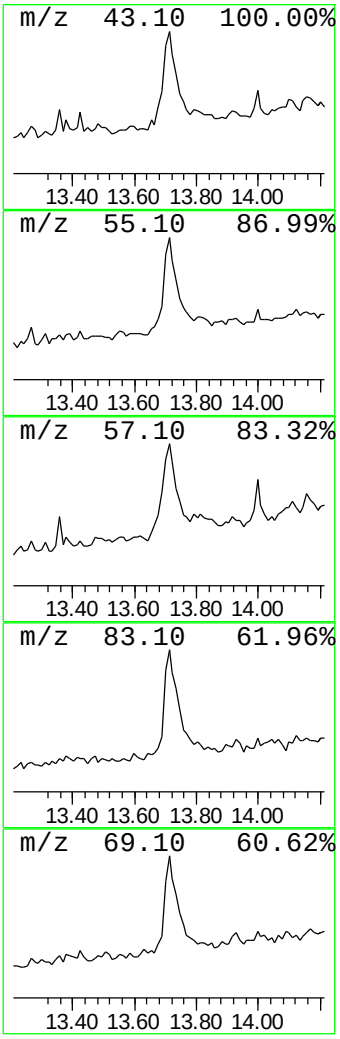
Peak Number 10 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	6.41 ng	270297	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	76
4	1-Hexacosanol	382	C26H54O	000506-52-5	76
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	76





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.84	15.7	ng	808611	1	6.68	1031770	20.0
unknown6.46	6.46	96.9	ng	4997610	1	6.68	1031770	20.0
2-Pyrrolidinone	7.12	6.0	ng	311921	1	6.68	1031770	20.0
Hexadecane	9.66	2.1	ng	123616	3	9.72	1175500	20.0
Tetradecanoic acid	11.75	3.4	ng	173136	4	11.20	1014720	20.0
1-Docosene	13.71	6.4	ng	270297	5	13.83	843793	20.0