LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085675.D
Acq On : 22 Mar 2016 23:00
Operator : UM/SJ
Sample : H1857-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(18-20)

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-BF031816.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	4.493	191	193	196	rBV	31993	43094	1.06%	0.126%
2	5.019	237	239	254	rBV	261546	473733	11.64%	1.389%
3	5.441	272	276	278	rBV	2713960	3531875	86.80%	10.358%
4	6.470	363	366	368	rBV	2688138	3160771	77.68%	9.269%
5	6.596	375	377	380	rBV	2547427	3472109	85.33%	10.182%
6	6.836	395	398	400	rBV	579751	761571	18.72%	2.233%
7	6.984	409	411	414	rBV	2407324	2543024	62.50%	7.458%
8	7.396	444	447	450	rBV	2015580	2159232	53.07%	6.332%
9	8.116	507	510	512	rBV	1202844	1089283	26.77%	3.194%
10	9.190	601	604	607	rBV	3090091	3680798	90.46%	10.794%
11	9.590	636	639	641	rBV	683397	666349	16.38%	1.954%
12	9.808	655	658	660	rBV	78824	89090	2.19%	0.261%
13	9.865	661	663	666	rVB	1148948	1206157	29.64%	3.537%
14	10.036	674	678	682	rBV2	20222	51898	1.28%	0.152%
15	10.299	699	701	703	rVB	151237	143543	3.53%	0.421%
16	10.516	717	720	724	rBV	56161	104634	2.57%	0.307%
17	10.665	729	733	735	rBV2	2178461	2956682	72.66%	8.671%
18	10.779	741	743	749	rVB	124664	223695	5.50%	0.656%
19	10.962	757	759	764	rBV4	21298	49950	1.23%	0.146%
20	11.225	780	782	783	rBV	67263	74938	1.84%	0.220%
21	11.351	791	793	795	rBV	1598145	1349304	33.16%	3.957%
22	11.876	837	839	847	rVB	47276	67021	1.65%	0.197%
23	12.939	929	932	934	rBV	3923598	4068991	100.00%	11.933%
24	13.831	1008	1010	1018	rBV	93260	180166	4.43%	0.528%
25	13.979	1021	1023	1026	rBV	1196687	1137940	27.97%	3.337%
26	15.397	1144	1147	1150	rBV	580325	813747	20.00%	2.386%

Sum of corrected areas: 34099595

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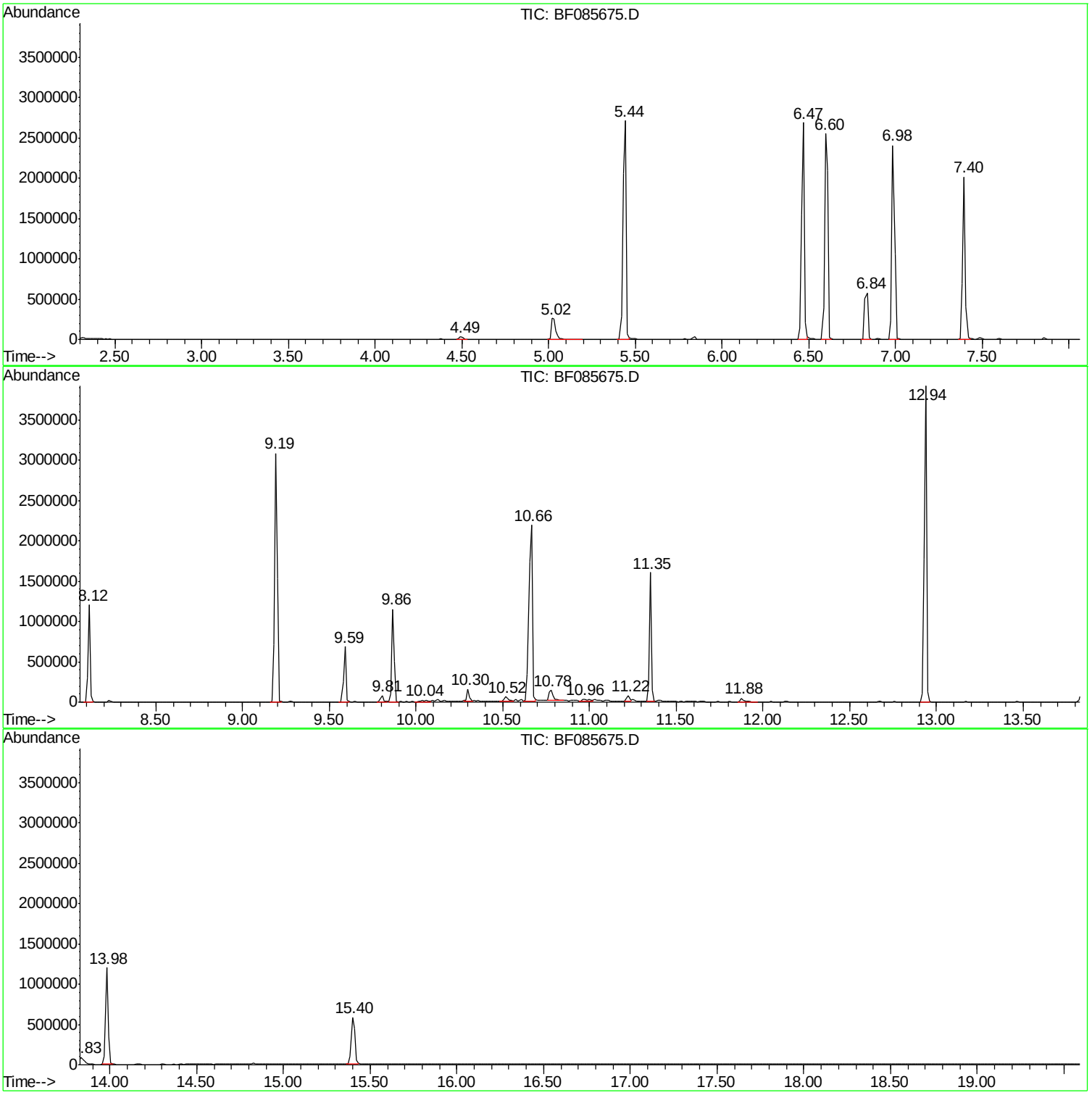
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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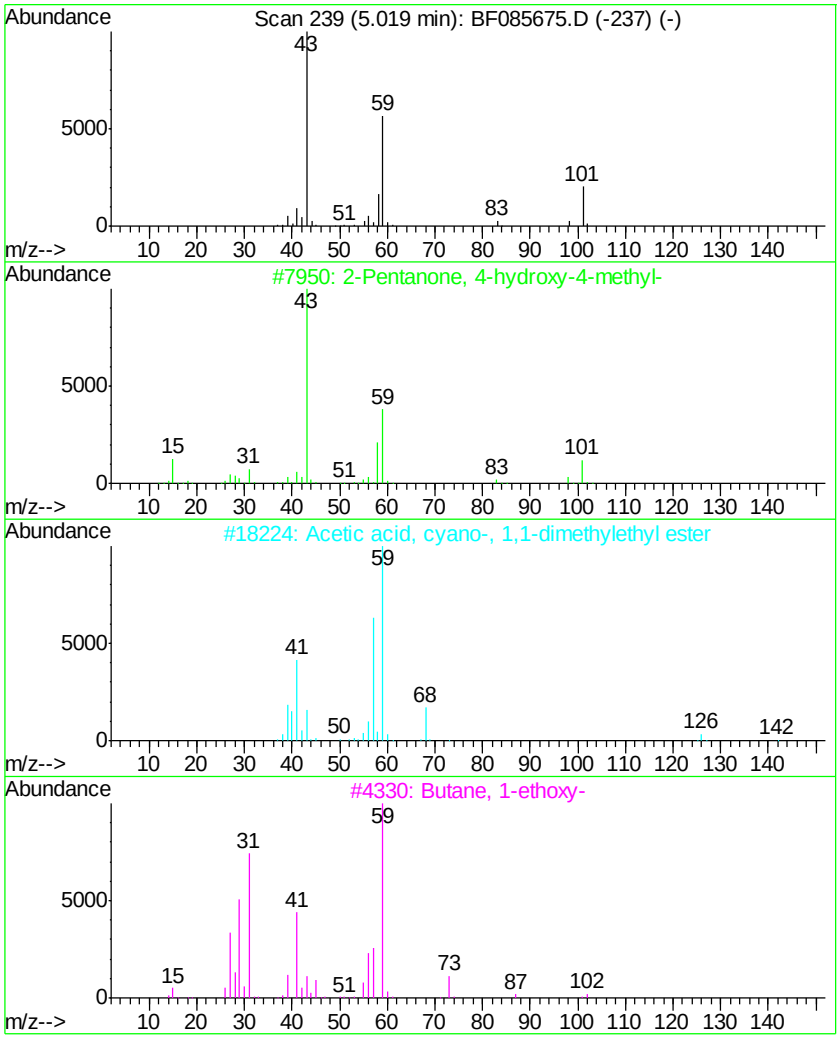
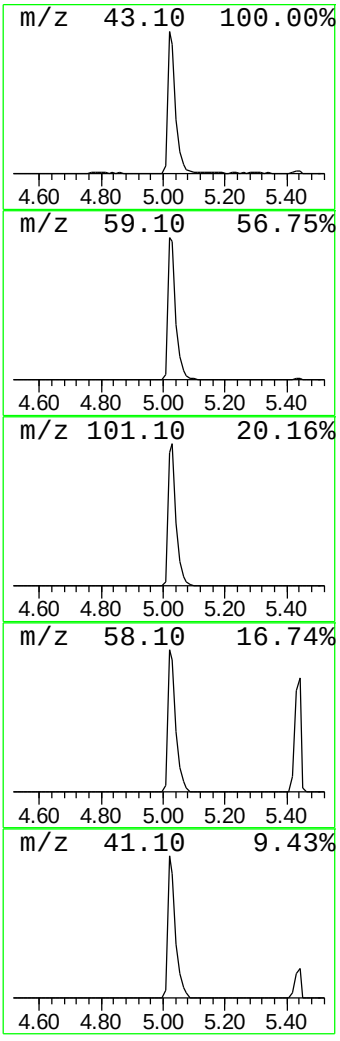
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	12.44 ng	473733	1,4-Dichlorobenzene-d4	6.84

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	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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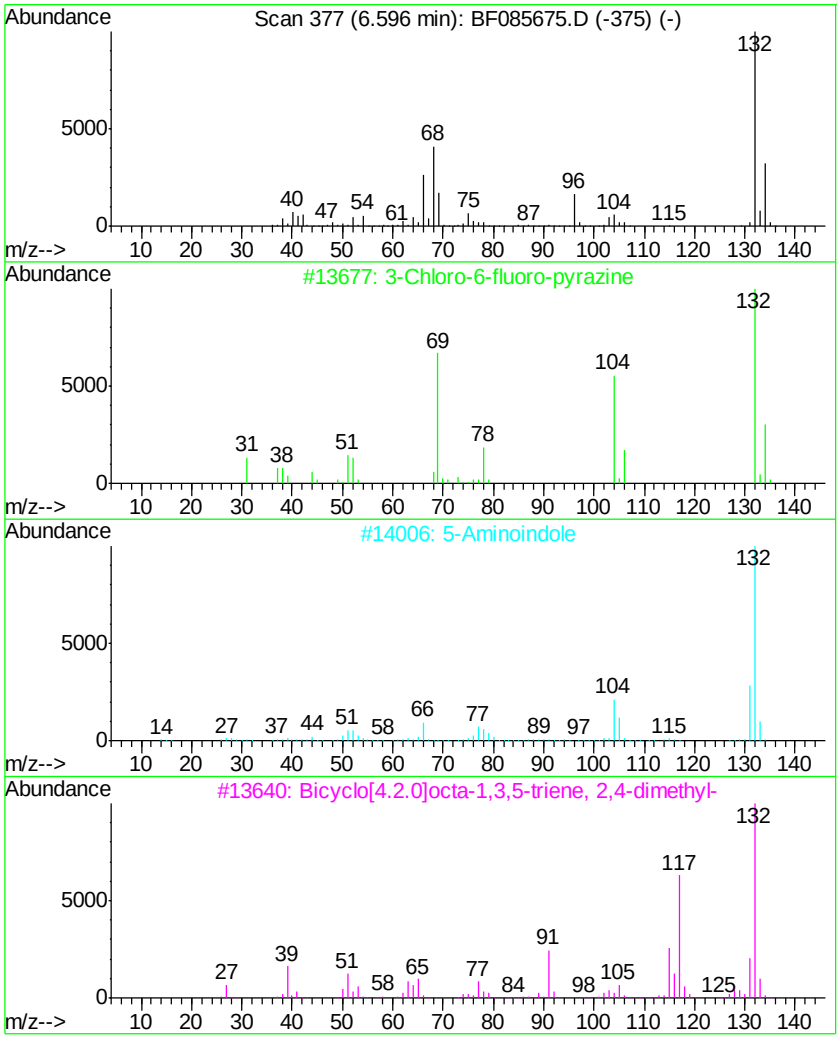
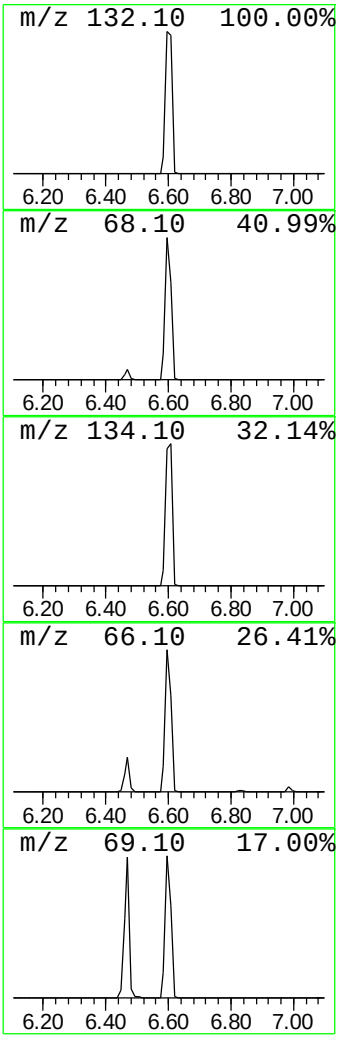
Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	91.18 ng	3472110	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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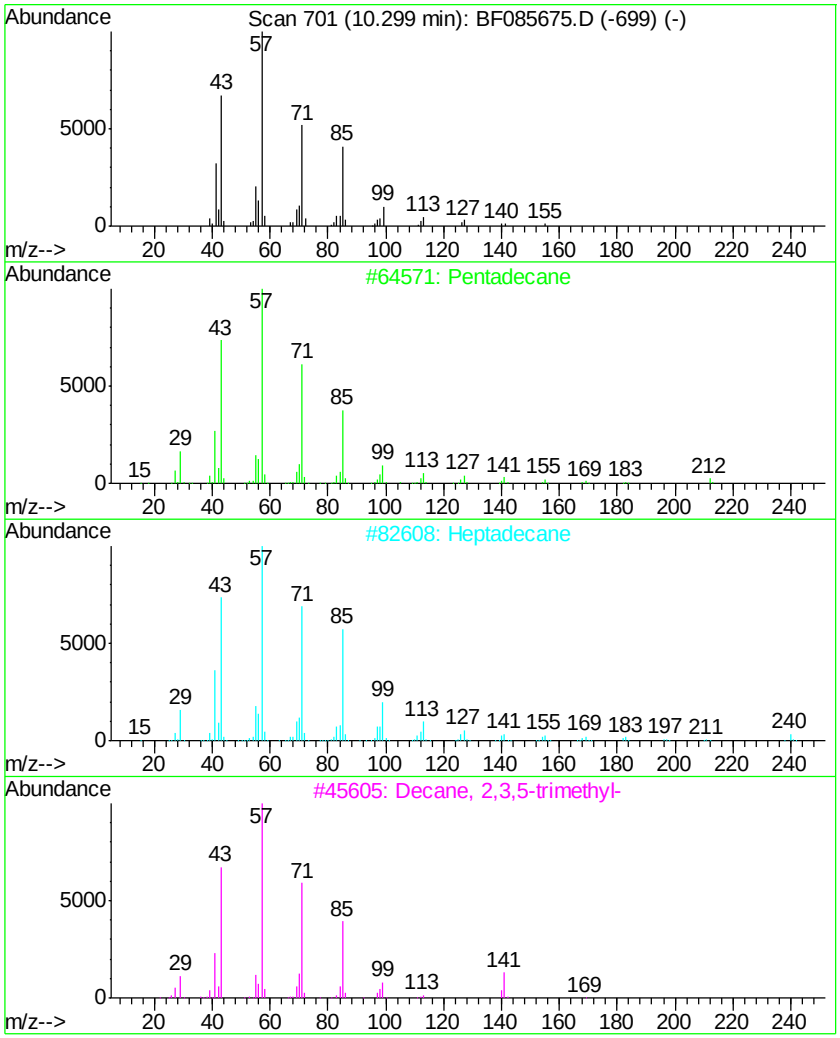
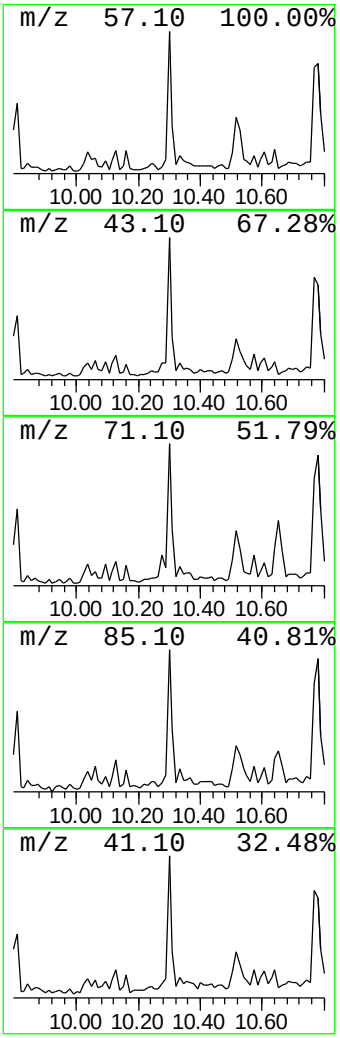
Peak Number 4 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.38 ng	143543	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heptadecane	240	C17H36	000629-78-7	83
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





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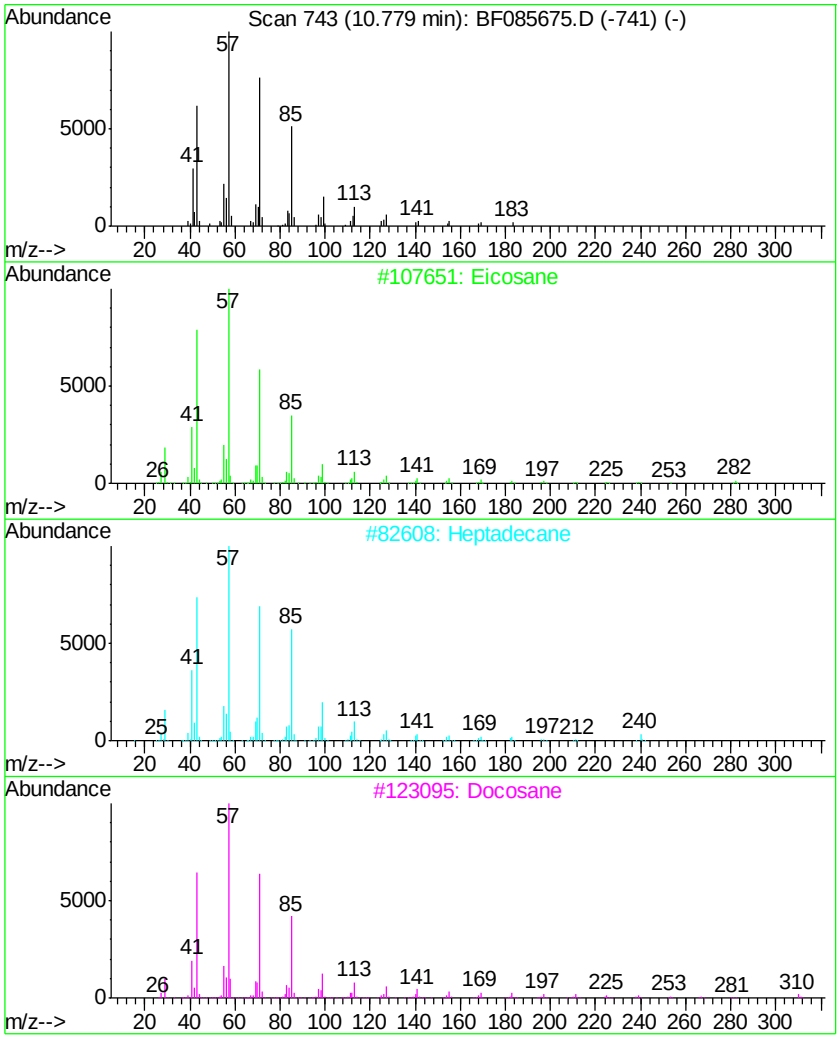
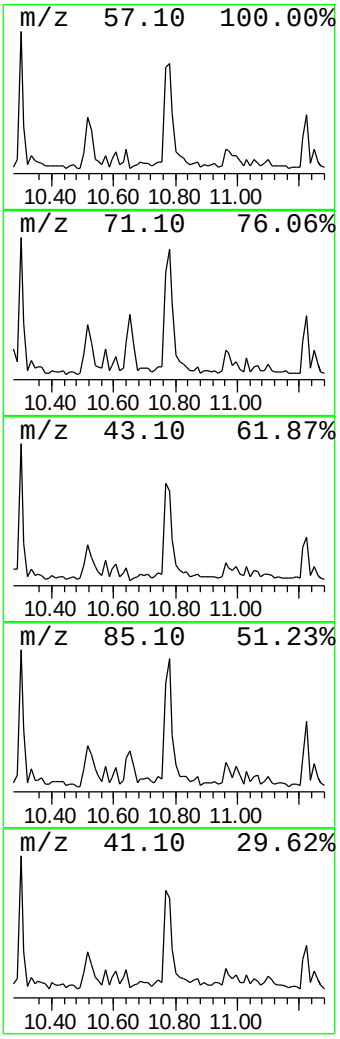
Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	3.32 ng	223695	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Docosane	310	C22H46	000629-97-0	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





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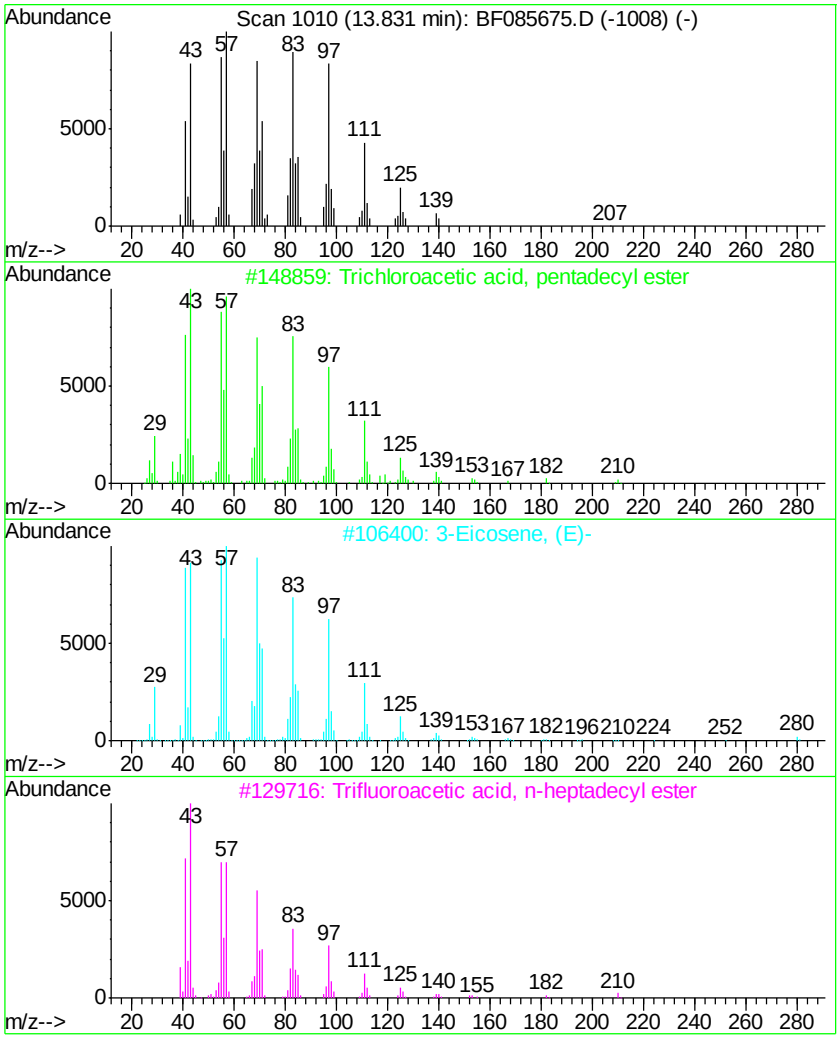
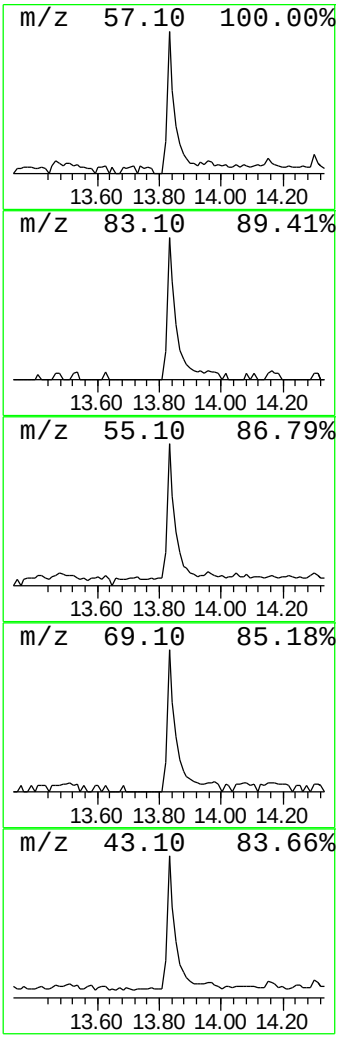
Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.17 ng	180166	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90
4	1-Docosene	308	C22H44	001599-67-3	81
5	1-Tetracosanol	354	C24H50O	000506-51-4	81





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...	5.02	12.4	ng	473733	1	6.84	761571	20.0
unknown6.60	6.60	91.2	ng	3472110	1	6.84	761571	20.0
Pentadecane	10.30	2.4	ng	143543	3	9.86	1206160	20.0
Eicosane	10.78	3.3	ng	223695	4	11.35	1349300	20.0
Trichloroacetic a...	13.83	3.2	ng	180166	5	13.98	1137940	20.0