LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085673.D
Acq On : 22 Mar 2016 22:04
Operator : UM/SJ
Sample : H1857-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(23-25)

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	5.019	237	239	250	rBV	263321	466574	11.65%	1.381%
2	5.441	272	276	278	rBV	2569299	3502593	87.42%	10.367%
3	6.470	363	366	368	rBV	2684337	3182840	79.44%	9.421%
4	6.596	375	377	380	rBV	2527275	3450344	86.12%	10.212%
5	6.824	395	397	400	rBV	534460	739701	18.46%	2.189%
6	6.984	409	411	414	rBV	2385850	2584566	64.51%	7.650%
7	7.396	444	447	450	rBV	1993725	2169190	54.14%	6.420%
8	8.116	507	510	512	rBV	1147555	1038040	25.91%	3.072%
9	9.190	601	604	607	rBV	3093346	3801536	94.88%	11.252%
10	9.590	636	639	641	rBV	612713	630880	15.75%	1.867%
11	9.808	655	658	659	rBV	71719	89355	2.23%	0.264%
12	9.865	661	663	666	rVB	1111943	1148133	28.66%	3.398%
13	10.036	674	678	682	rBV2	21353	57921	1.45%	0.171%
14	10.299	699	701	703	rVB	162475	152767	3.81%	0.452%
15	10.516	717	720	724	rBV	58398	109949	2.74%	0.325%
16	10.665	729	733	735	rBV2	2053395	2897433	72.32%	8.576%
17	10.768	741	742	750	rVB	129202	237589	5.93%	0.703%
18	10.962	757	759	761	rBV	24098	40823	1.02%	0.121%
19	11.225	780	782	783	rBV	67657	76186	1.90%	0.225%
20	11.351	791	793	795	rBV	1531401	1296290	32.35%	3.837%
21	11.876	837	839	848	rVB2	40339	53619	1.34%	0.159%
22	12.939	929	932	934	rBV	3969238	4006532	100.00%	11.859%
23	13.831	1007	1010	1021	rBV	97222	198667	4.96%	0.588%
24	13.979	1021	1023	1026	rBV	1078885	1086156	27.11%	3.215%
25	15.397	1145	1147	1150	rBV	555578	768446	19.18%	2.274%

Sum of corrected areas: 33786130

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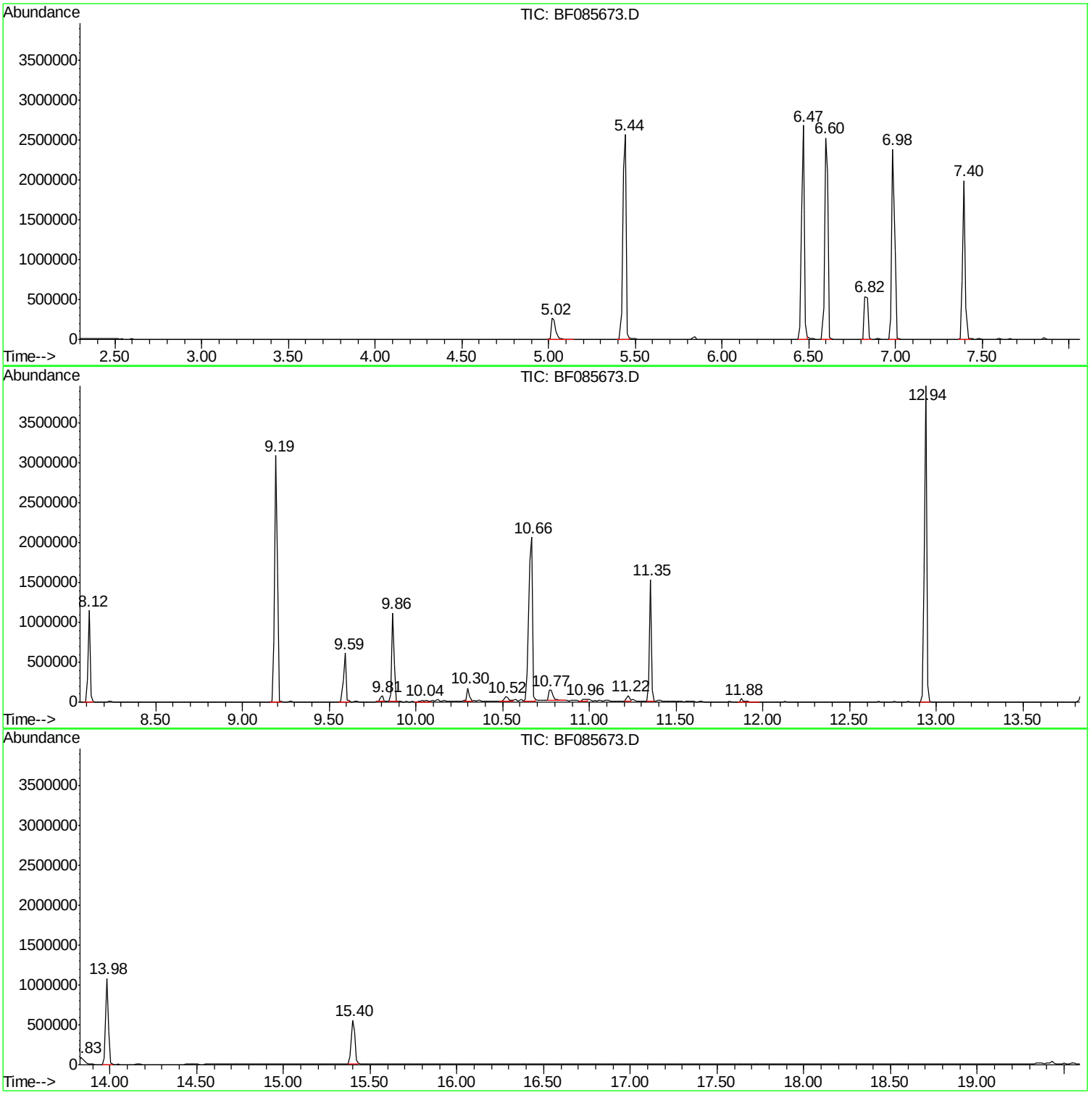
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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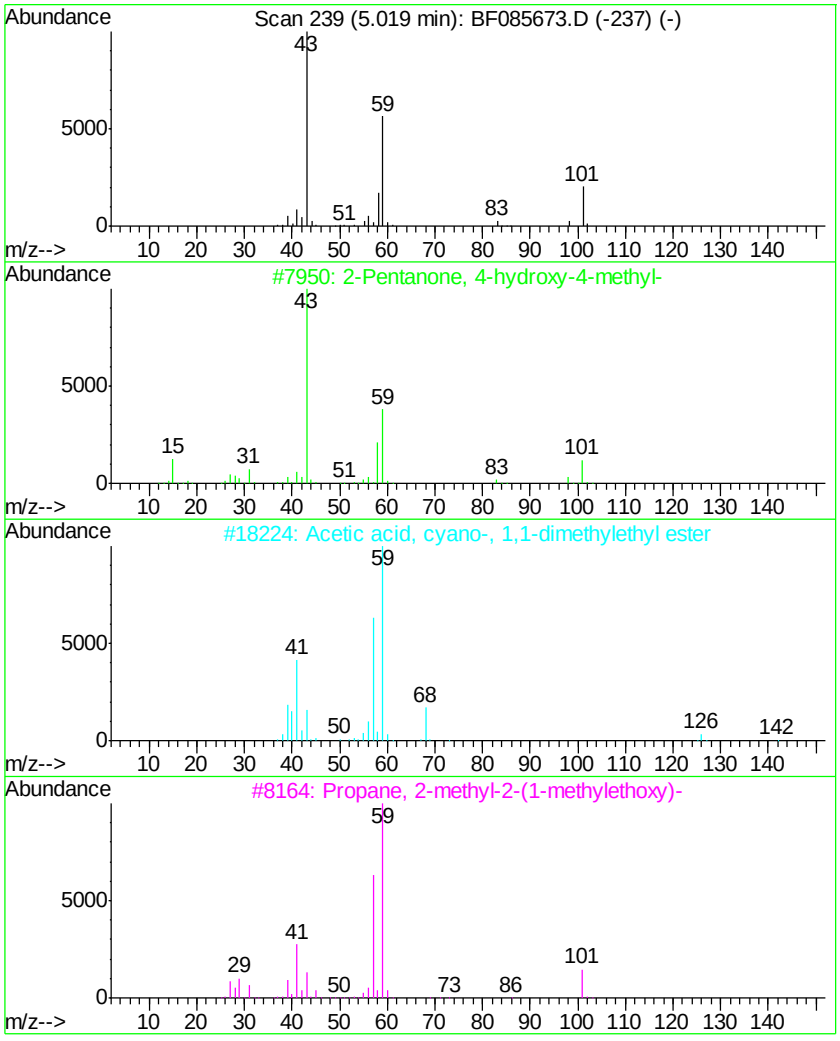
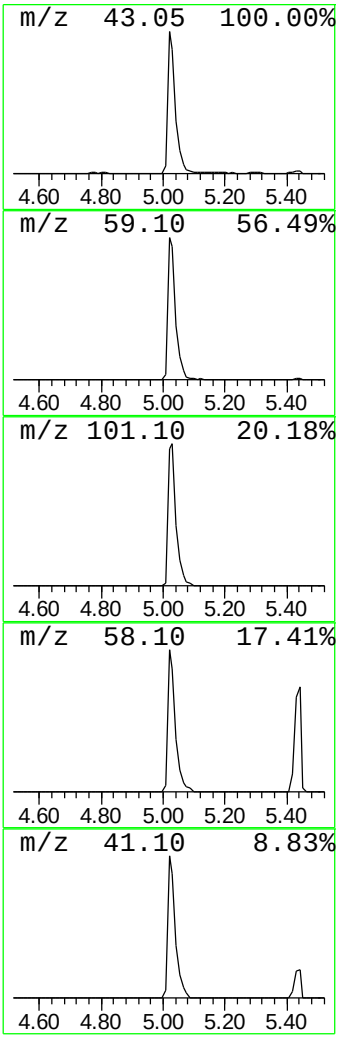
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	12.62 ng	466574	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	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane	58	C4H10	000106-97-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
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Instrument : BNA_F
ClientSampleId : SB-02(23-25)

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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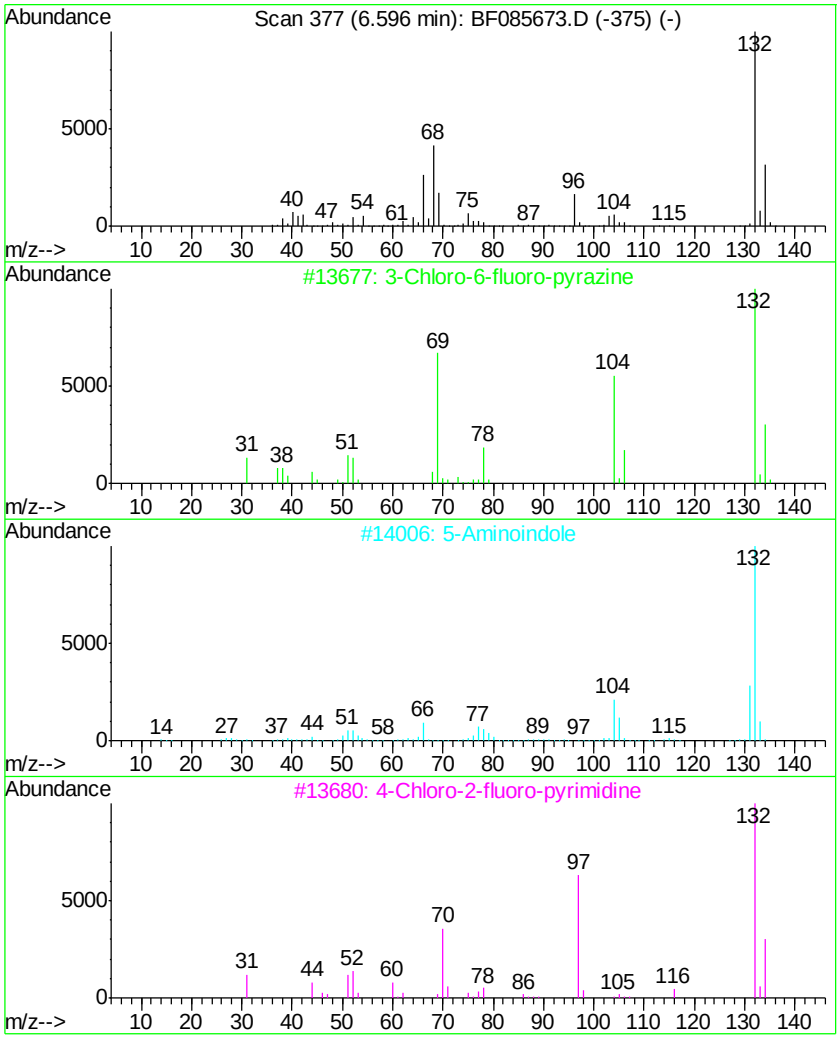
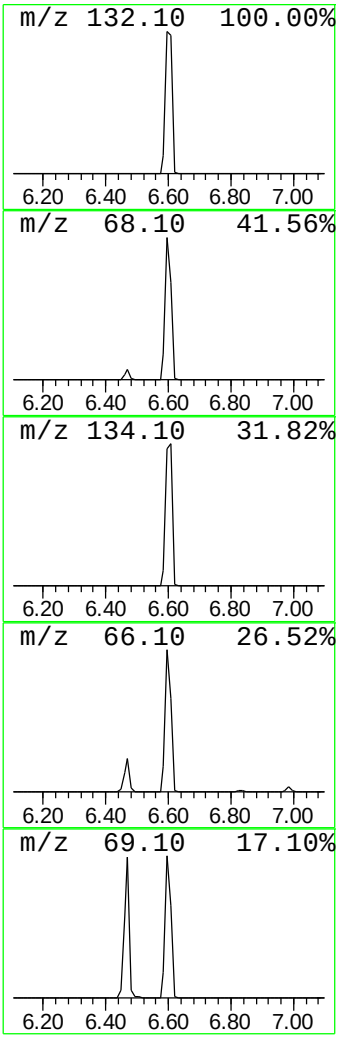
Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	93.29 ng	3450340	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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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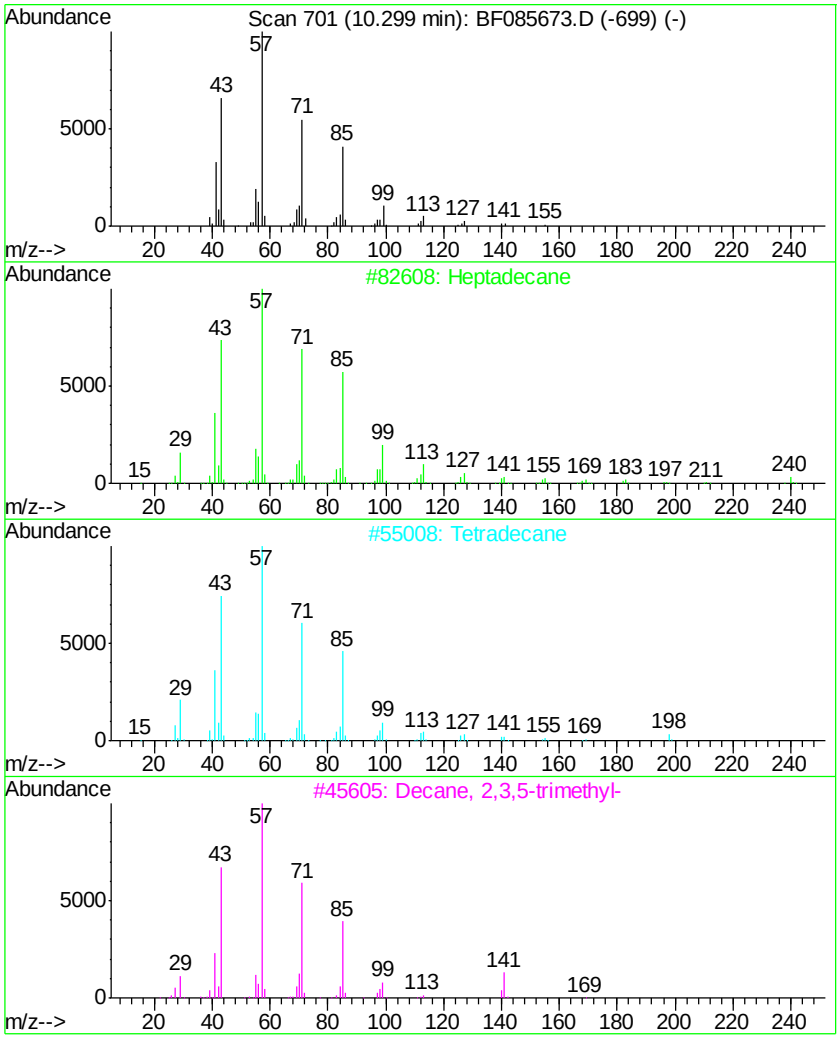
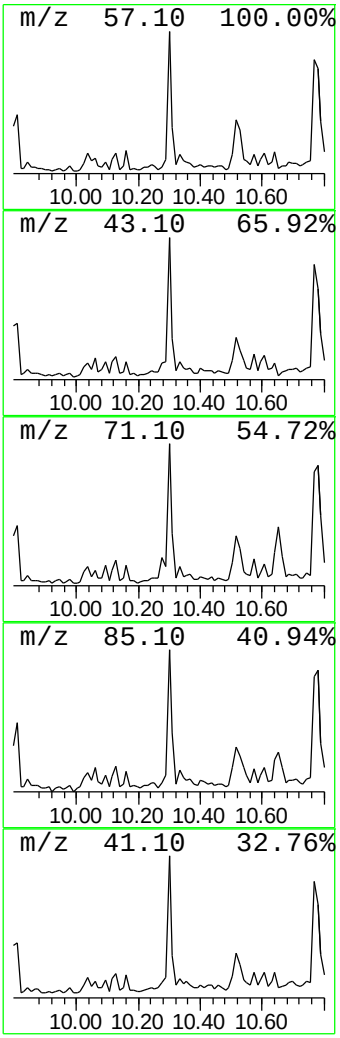
Peak Number 4 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.66 ng	152767	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Hexadecane	226	C16H34	000544-76-3	80





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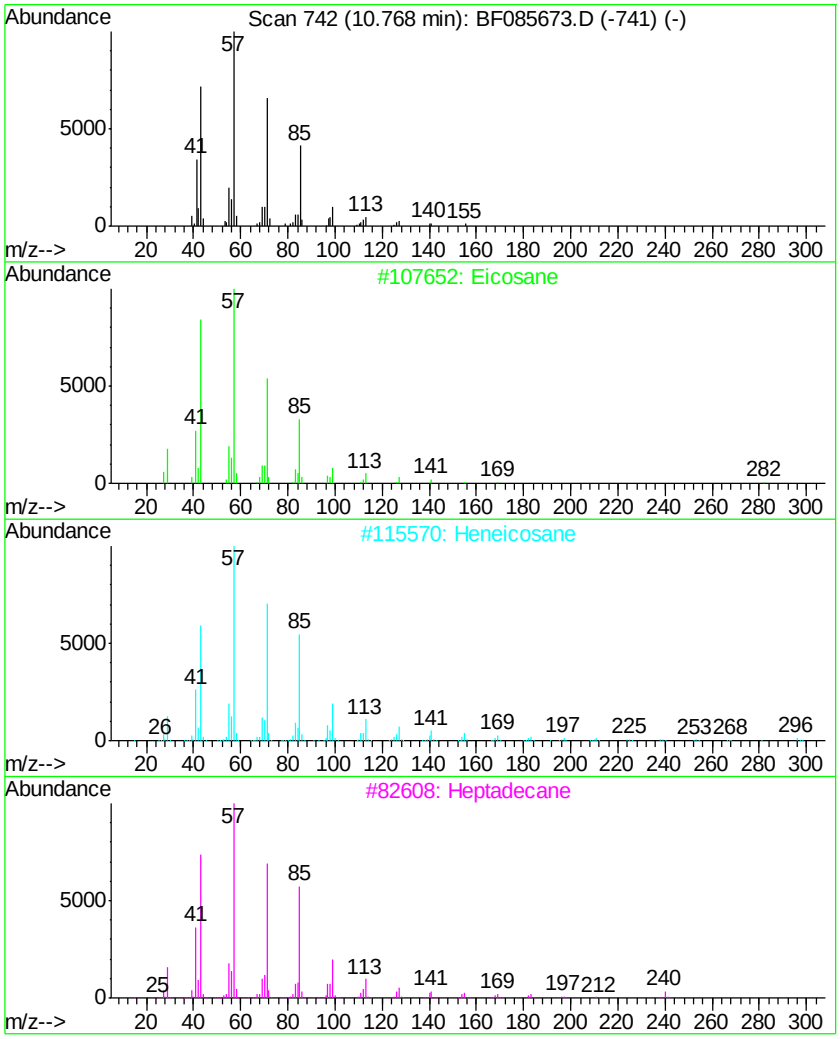
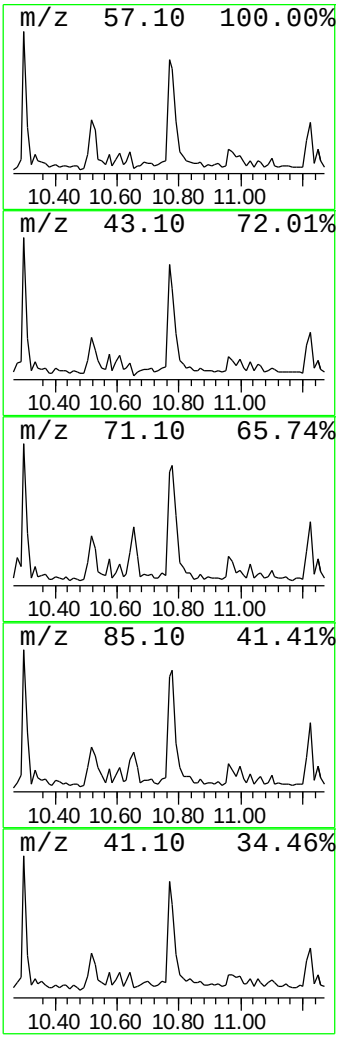
Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.67 ng	237589	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Nonadecane	268	C19H40	000629-92-5	86





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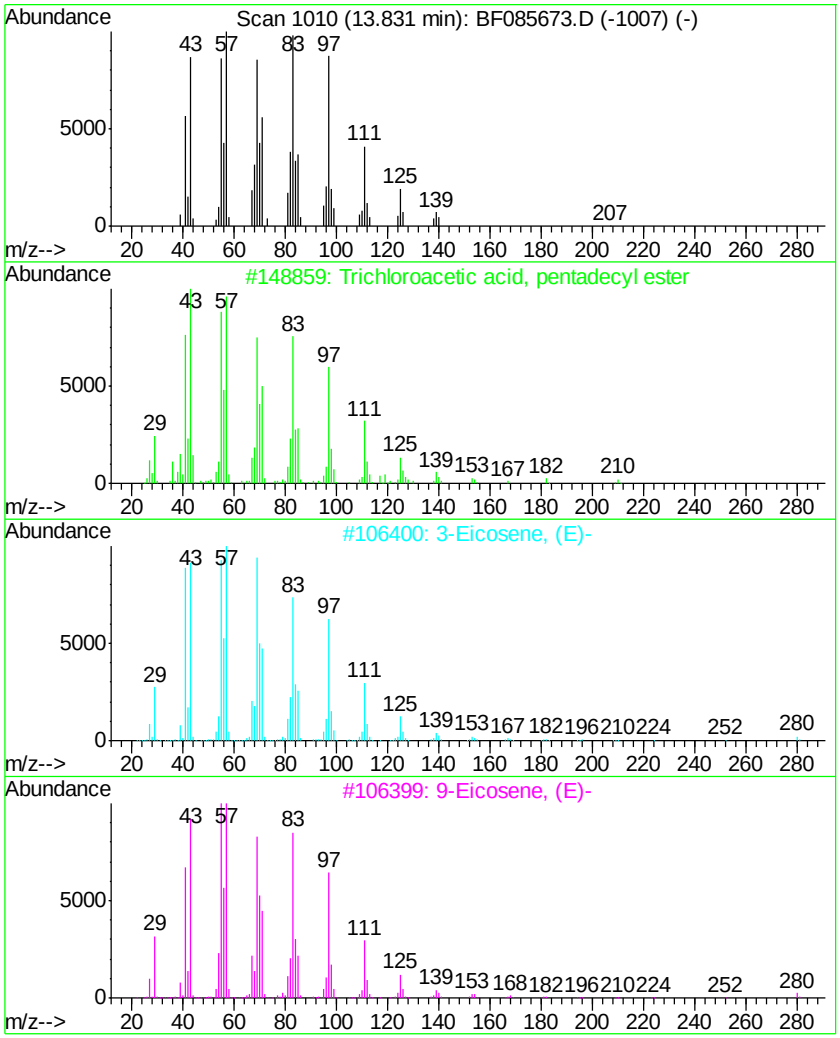
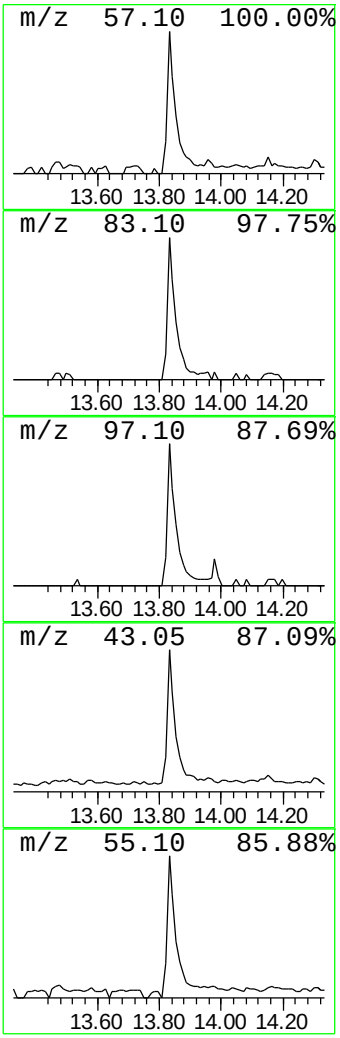
Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.66 ng	198667	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
4	1-Heptadecanol	256	C17H36O	001454-85-9	87
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	83





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...	5.02	12.6	ng	466574	1	6.84	739701	20.0
unknown6.60	6.60	93.3	ng	3450340	1	6.84	739701	20.0
Heptadecane	10.30	2.7	ng	152767	3	9.86	1148130	20.0
Eicosane	10.77	3.7	ng	237589	4	11.35	1296290	20.0
Trichloroacetic a...	13.83	3.7	ng	198667	5	13.98	1086160	20.0