LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086968.D
Acq On : 13 May 2016 11:32
Operator : UM/SJ
Sample : H2916-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE-FILL-CSPH3-1K

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	1.633	3	4	12	rVB	750481	1134632	13.95%	2.691%
2	1.747	12	14	59	rVB	3166241	8132112	100.00%	19.283%
3	4.764	276	278	288	rBV	339156	663319	8.16%	1.573%
4	5.222	315	318	320	rBV	2651347	3797295	46.70%	9.004%
5	6.285	408	411	414	rBV	3272453	3564589	43.83%	8.453%
6	6.399	418	421	423	rBV	3239847	3926916	48.29%	9.312%
7	6.616	438	440	443	rBV	770190	960244	11.81%	2.277%
8	6.776	452	454	457	rBV	3148141	2855747	35.12%	6.772%
9	7.199	488	491	493	rBV	2352459	2638155	32.44%	6.256%
10	7.908	551	553	556	rBV	1351657	1196181	14.71%	2.836%
11	8.993	645	648	650	rBV	3114145	3762507	46.27%	8.922%
12	9.393	680	683	685	rBV	279848	381174	4.69%	0.904%
13	9.599	699	701	703	rBV	102222	103131	1.27%	0.245%
14	9.656	703	706	709	rVV	1244304	1114904	13.71%	2.644%
15	10.102	741	745	746	rBV	216267	188994	2.32%	0.448%
16	10.319	761	764	767	rBV	66229	104937	1.29%	0.249%
17	10.445	773	775	777	rBV	1845679	1757601	21.61%	4.168%
18	10.571	784	786	793	rVB	222559	253004	3.11%	0.600%
19	11.016	823	825	826	rBV	98249	81554	1.00%	0.193%
20	11.131	833	835	838	rBV	933545	843138	10.37%	1.999%
21	12.719	971	974	976	rBV	3008314	2858135	35.15%	6.777%
22	13.634	1051	1054	1063	rBV	86858	232416	2.86%	0.551%
23	13.760	1063	1065	1068	rVV	956335	909407	11.18%	2.156%
24	15.120	1181	1184	1187	rBV	632329	711309	8.75%	1.687%

Sum of corrected areas: 42171401

LSC Report - Integrated Chromatogram

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Instrument :
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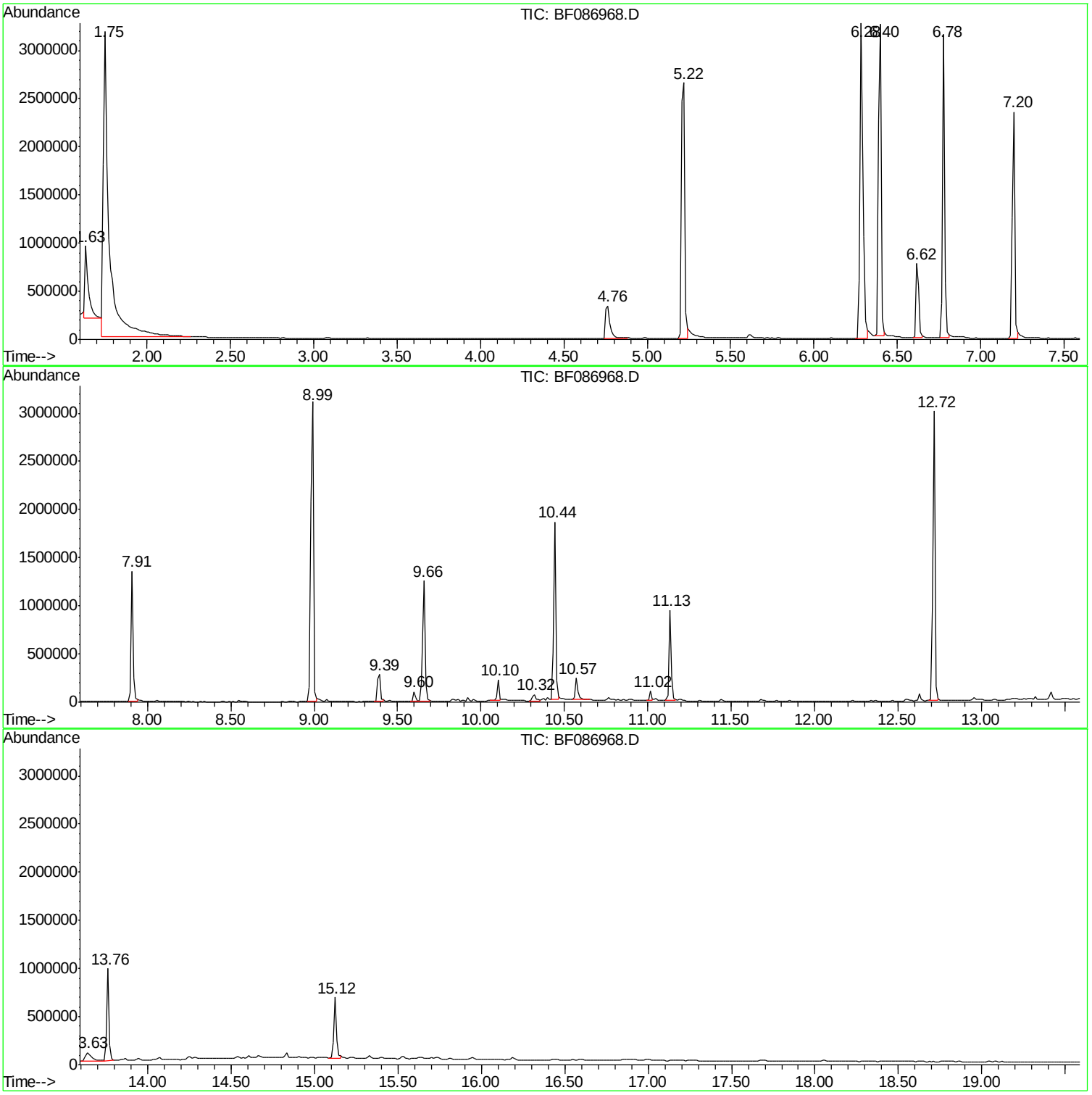
ClientSampleId :
VITALE-FILL-CSPH3-1K

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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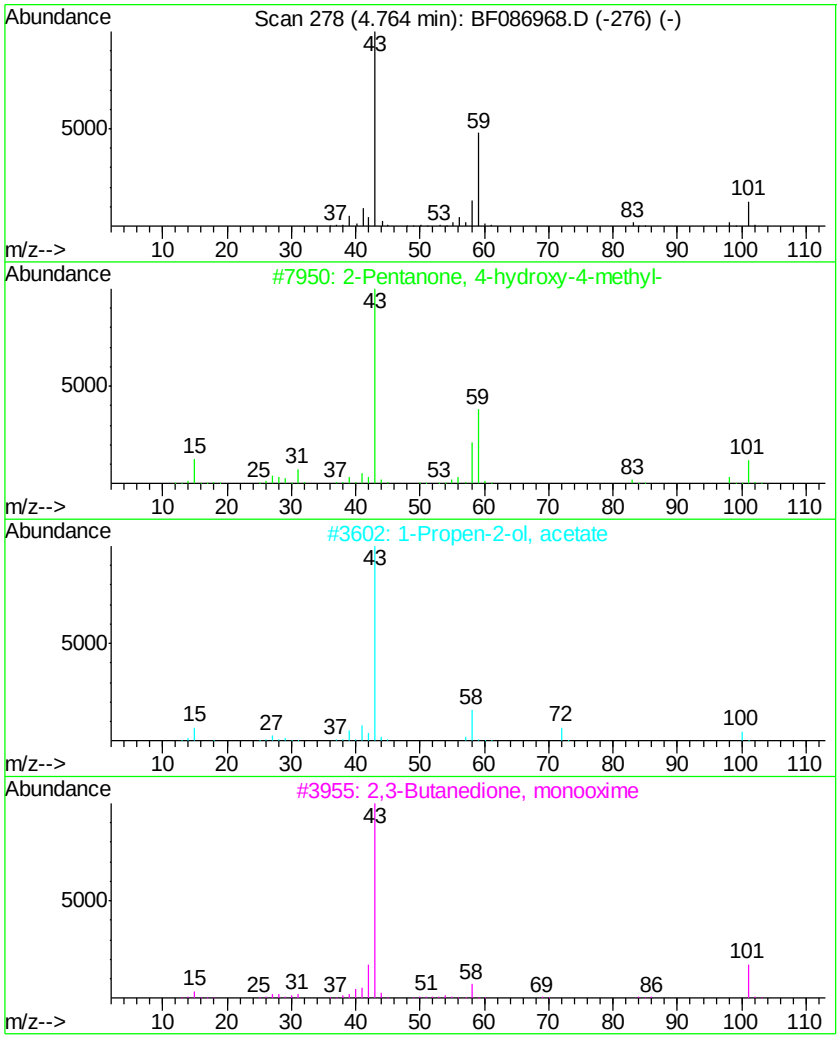
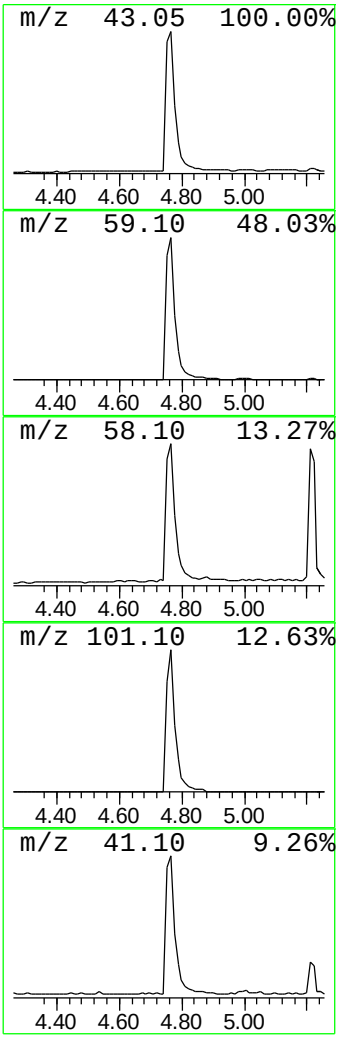
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	13.82 ng	663319	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane	58	C4H10	000106-97-8	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-1K

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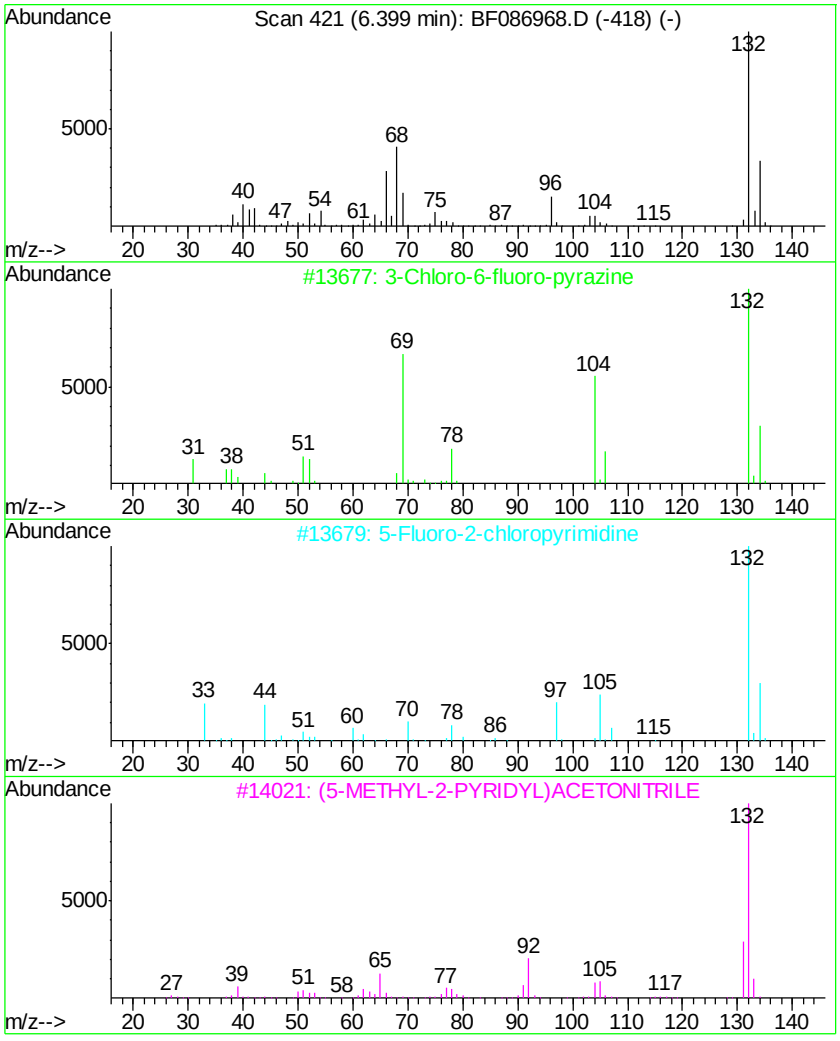
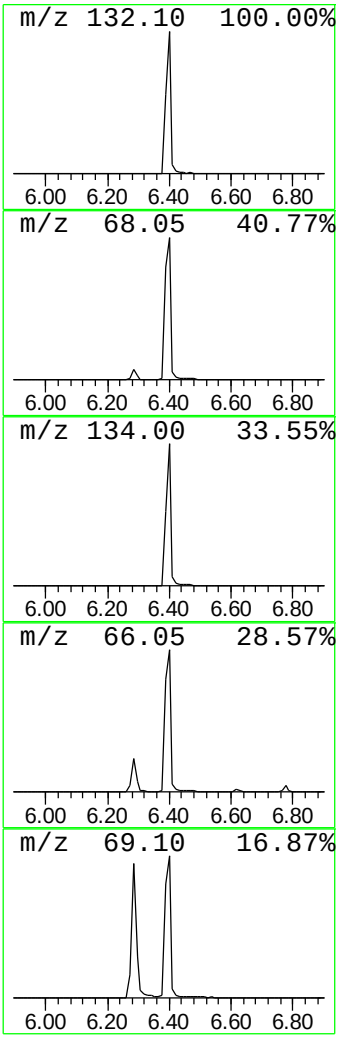
Peak Number 4 unknown6.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	81.79 ng	3926920	1,4-Dichlorobenzene-d4	6.62

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	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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ALS Vial : 42 Sample Multiplier: 1

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ClientSampleId : VITALE-FILL-CSPH3-1K

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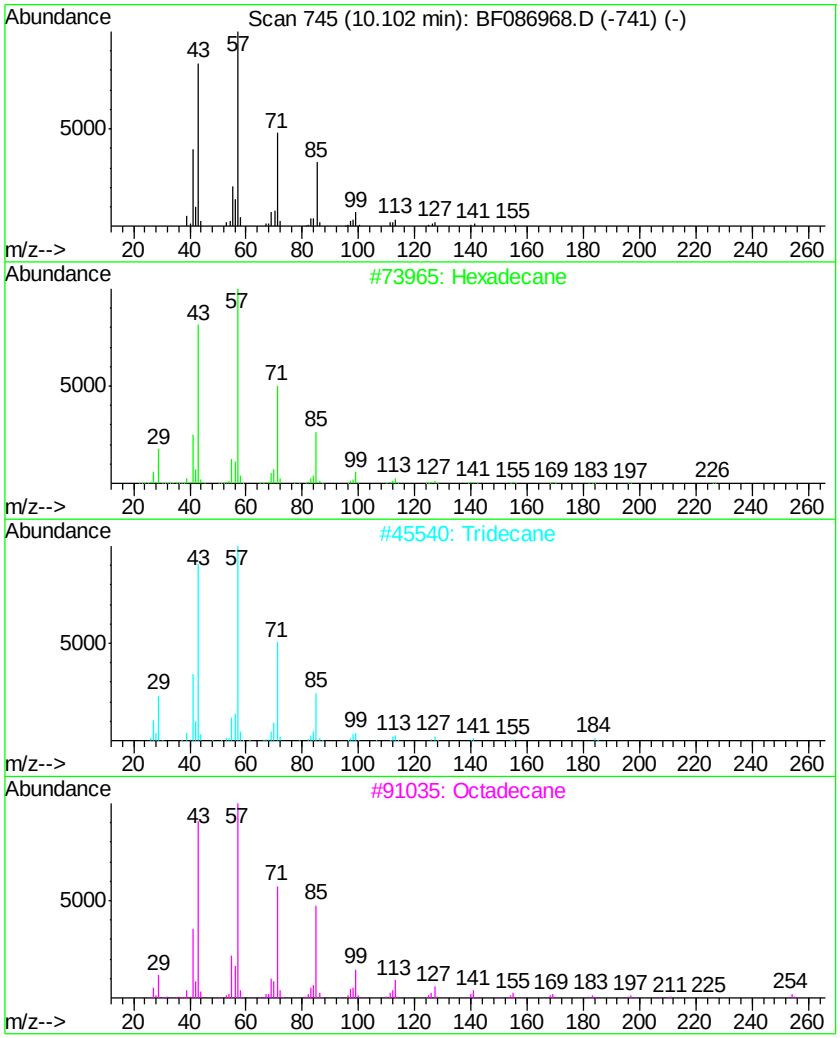
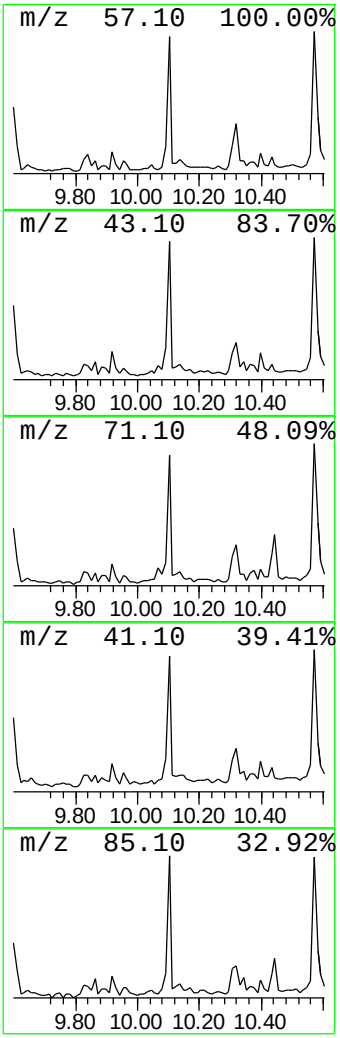
Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	3.39 ng	188994	Acenaphthene-d10	9.66

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	Octadecane	254	C18H38	000593-45-3	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Eicosane	282	C20H42	000112-95-8	80





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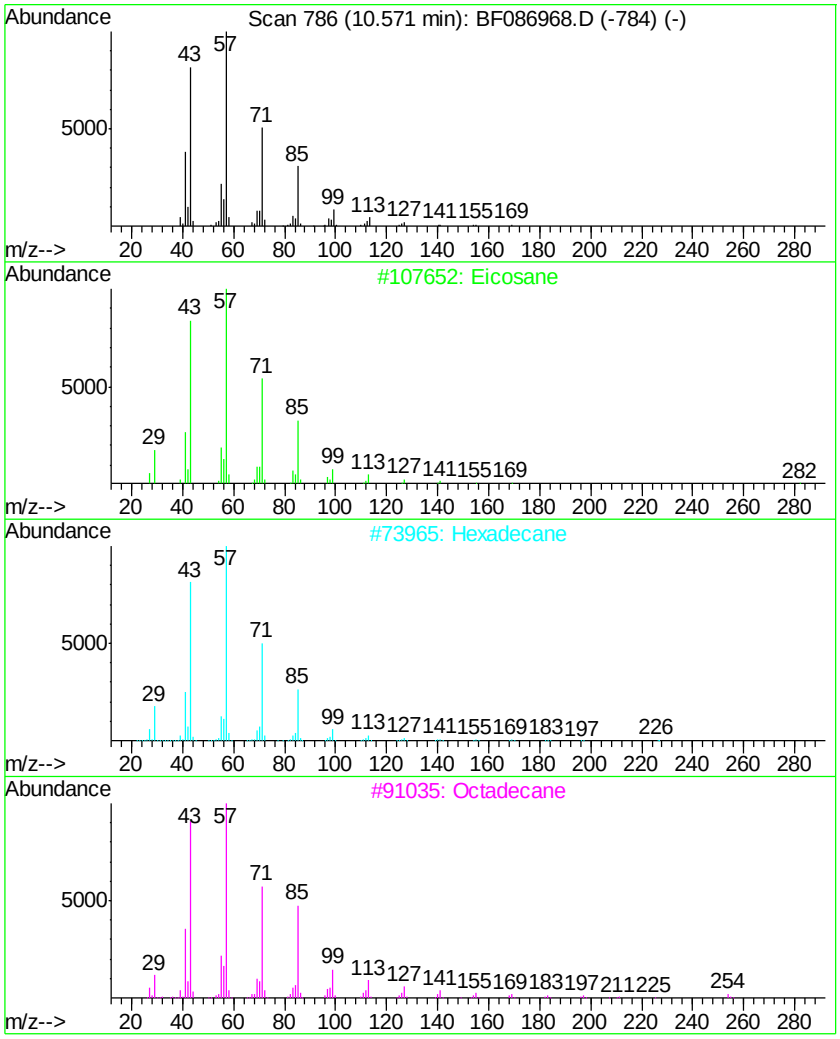
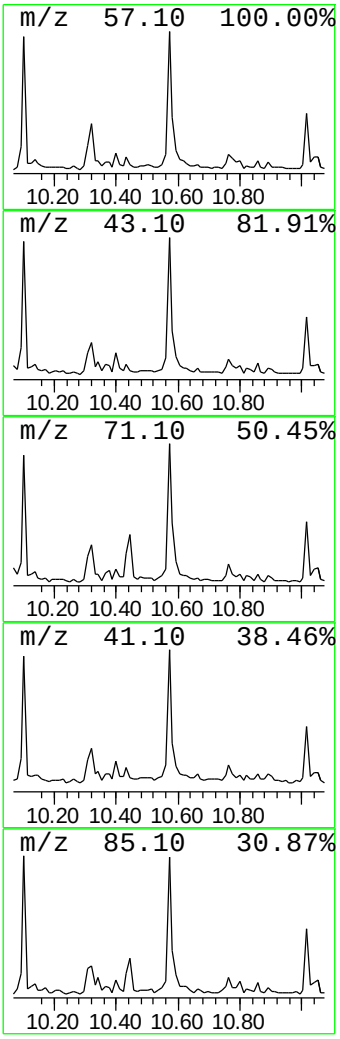
Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	6.00 ng	253004	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octadecane	254	C18H38	000593-45-3	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	78
5	Tridecane	184	C13H28	000629-50-5	72





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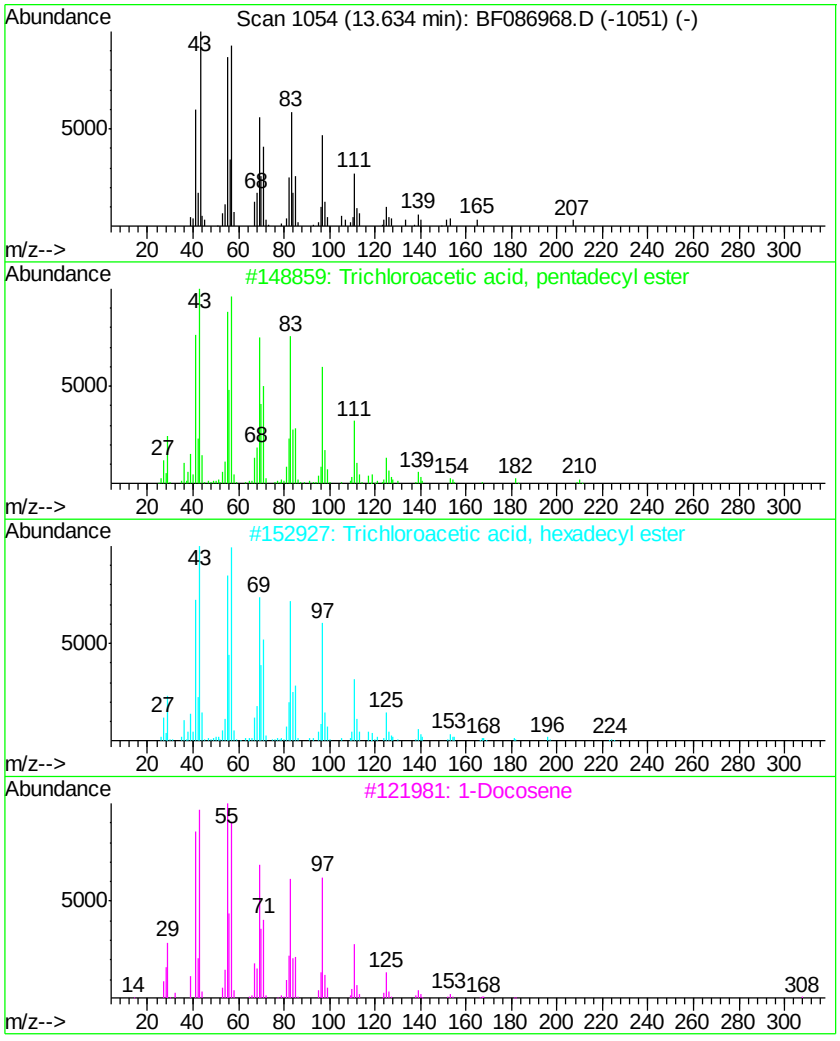
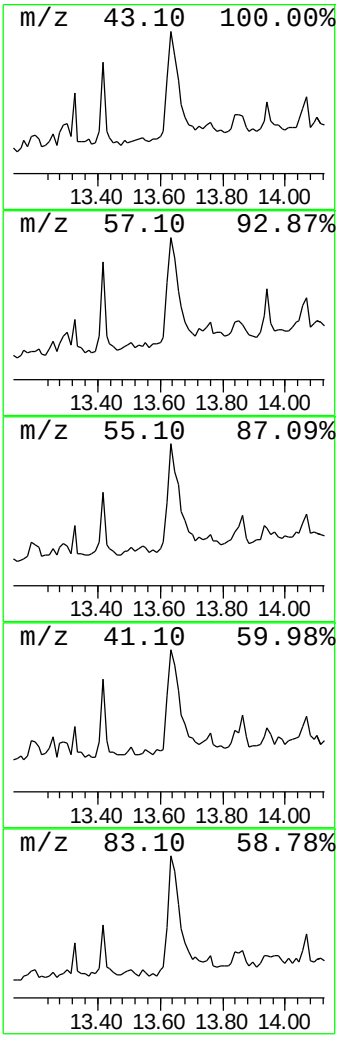
Peak Number 8 Trichloroacetic acid, penta... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	5.11 ng	232416	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	87
5	1-Nonadecene	266	C19H38	018435-45-5	87





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...	4.76	13.8	ng	663319	1	6.62	960244	20.0
unknown6.40	6.40	81.8	ng	3926920	1	6.62	960244	20.0
Hexadecane	10.10	3.4	ng	188994	3	9.66	1114900	20.0
Eicosane	10.57	6.0	ng	253004	4	11.13	843138	20.0
Trichloroacetic a...	13.63	5.1	ng	232416	5	13.76	909407	20.0