LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091115.D
Acq On : 9 Nov 2016 7:23
Operator : UM/SJ
Sample : H5547-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WATER-QUALITYDRY-2

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-BF110316.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	1.755	4	6	47	rVB	2460132	6338377	100.00%	16.462%
2	4.796	269	272	279	rBV	181046	281482	4.44%	0.731%
3	5.253	309	312	327	rBV	1173917	1932409	30.49%	5.019%
4	6.316	402	405	410	rBV	707384	1165698	18.39%	3.028%
5	6.430	413	415	417	rBV	3779010	3551135	56.03%	9.223%
6	6.659	433	435	440	rBV	1064200	1019401	16.08%	2.648%
7	6.819	446	449	451	rBV	3702083	3721271	58.71%	9.665%
8	7.230	482	485	488	rBV	2678618	2692334	42.48%	6.993%
9	7.950	546	548	550	rBV	1234571	1299880	20.51%	3.376%
10	8.087	555	560	565	rVB4	31922	82983	1.31%	0.216%
11	9.025	639	642	645	rBV	4778070	4758329	75.07%	12.358%
12	9.425	675	677	679	rBV	392160	346916	5.47%	0.901%
13	9.699	698	701	703	rBV	1388934	1506766	23.77%	3.913%
14	10.145	736	740	741	rBV2	86637	138020	2.18%	0.358%
15	10.225	745	747	752	rVB3	28752	70298	1.11%	0.183%
16	10.362	757	759	762	rVB	64337	81117	1.28%	0.211%
17	10.488	767	770	772	rBV	2468736	2614012	41.24%	6.789%
18	10.613	779	781	785	rBV	141382	189168	2.98%	0.491%
19	11.059	818	820	821	rBV	92049	88895	1.40%	0.231%
20	11.173	828	830	832	rBV	1358840	1152386	18.18%	2.993%
21	12.762	966	969	971	rBV	3617888	3495783	55.15%	9.079%
22	13.665	1045	1048	1053	rBV	115120	159839	2.52%	0.415%
23	13.802	1058	1060	1063	rBV	978790	920229	14.52%	2.390%
24	15.174	1178	1180	1183	rBV	643347	816155	12.88%	2.120%
25	16.934	1331	1334	1341	rVB5	31210	79944	1.26%	0.208%

Sum of corrected areas: 38502827

LSC Report - Integrated Chromatogram

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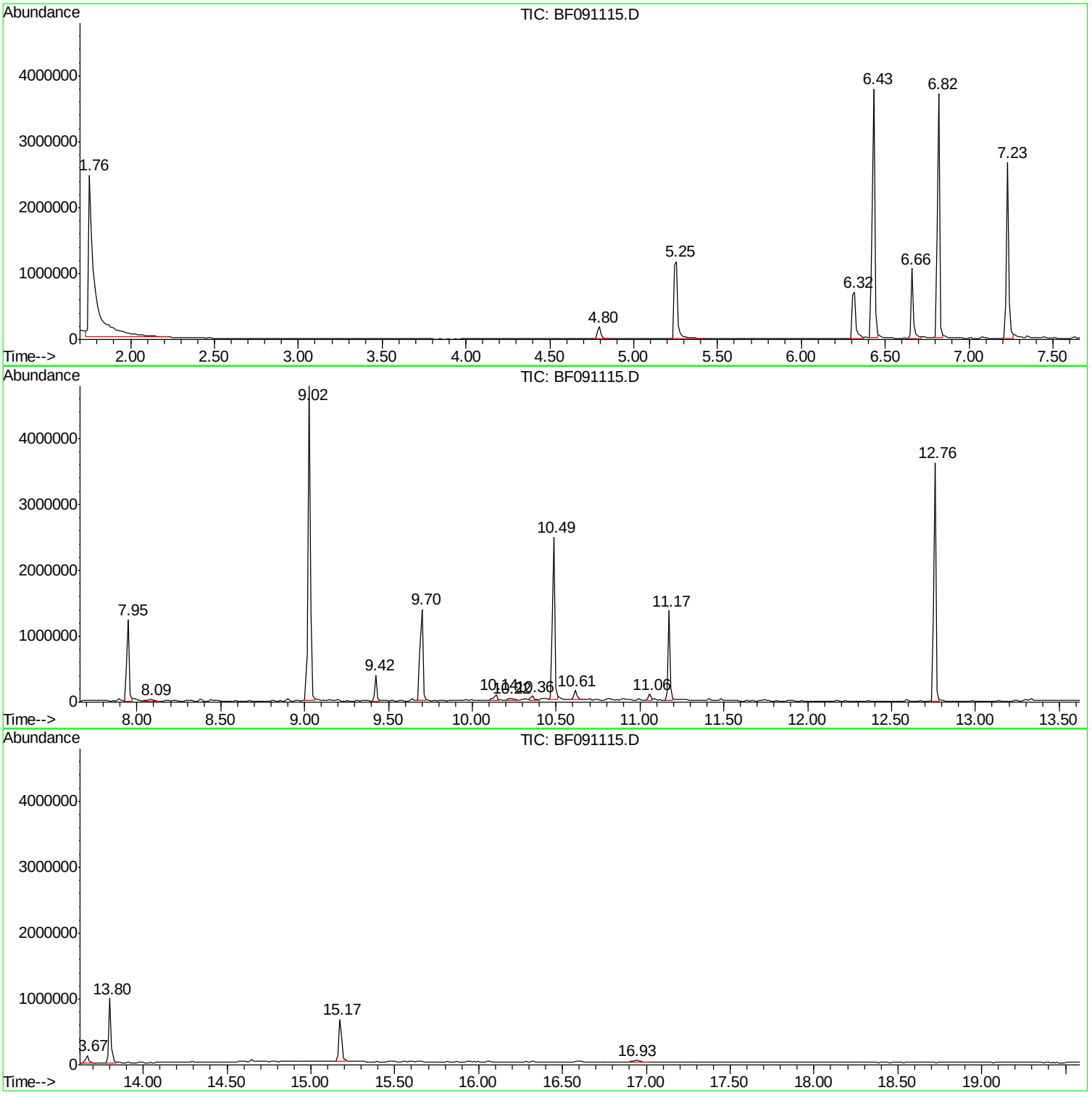
Instrument : BNA_F
ClientSampleId : WATER-QUALITYDRY-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091115.D
Acq On : 9 Nov 2016 7:23
Operator : UM/SJ
Sample : H5547-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WATER-QUALITYDRY-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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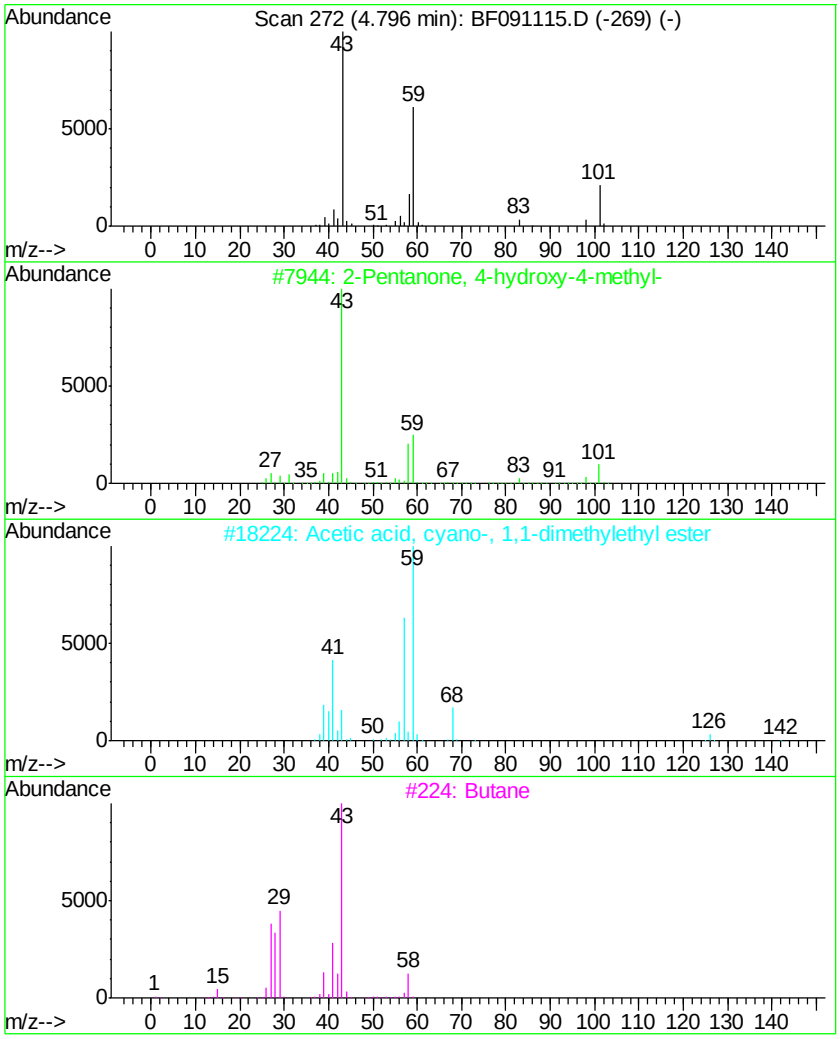
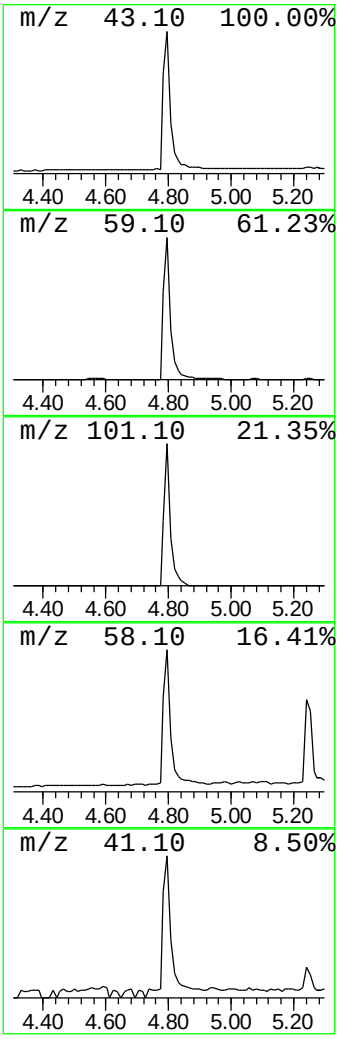
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	5.52 ng	281482	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane	58	C4H10	000106-97-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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ClientSampleId : WATER-QUALITYDRY-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Integration Parameters: LSCINT.P

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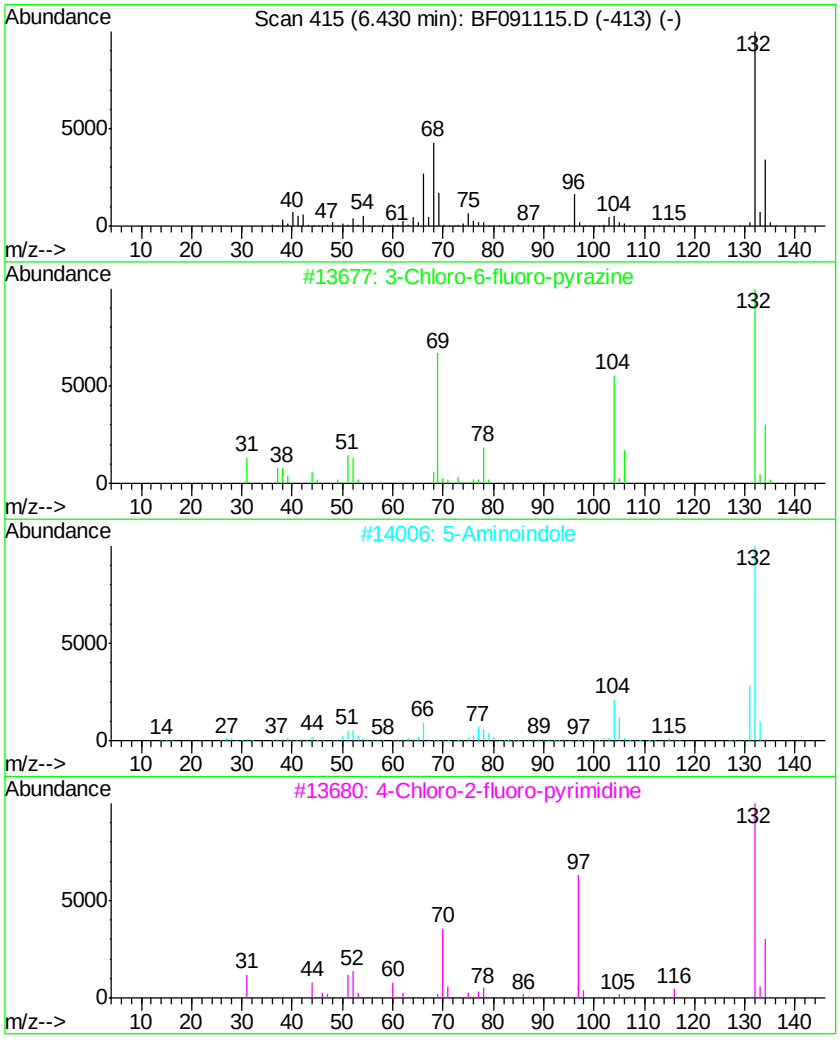
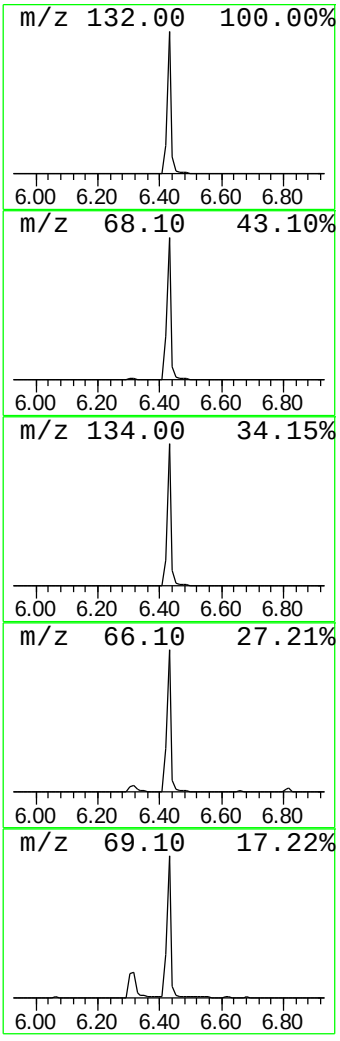
Peak Number 3 unknown6.43 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	69.67 ng	3551140	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WATER-QUALITYDRY-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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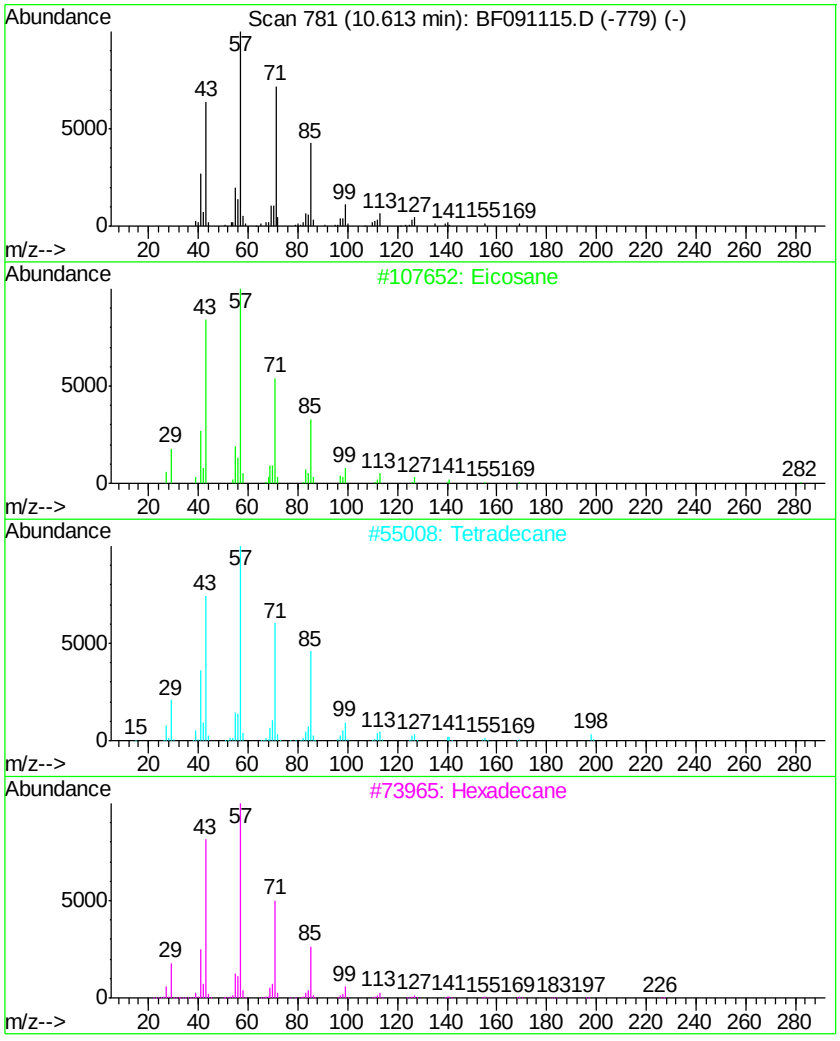
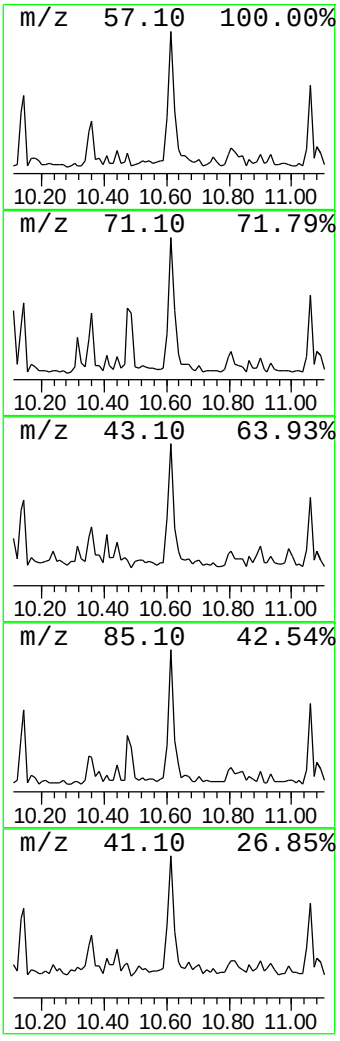
Peak Number 4 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	3.28 ng	189168	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heneicosane	296	C21H44	000629-94-7	90





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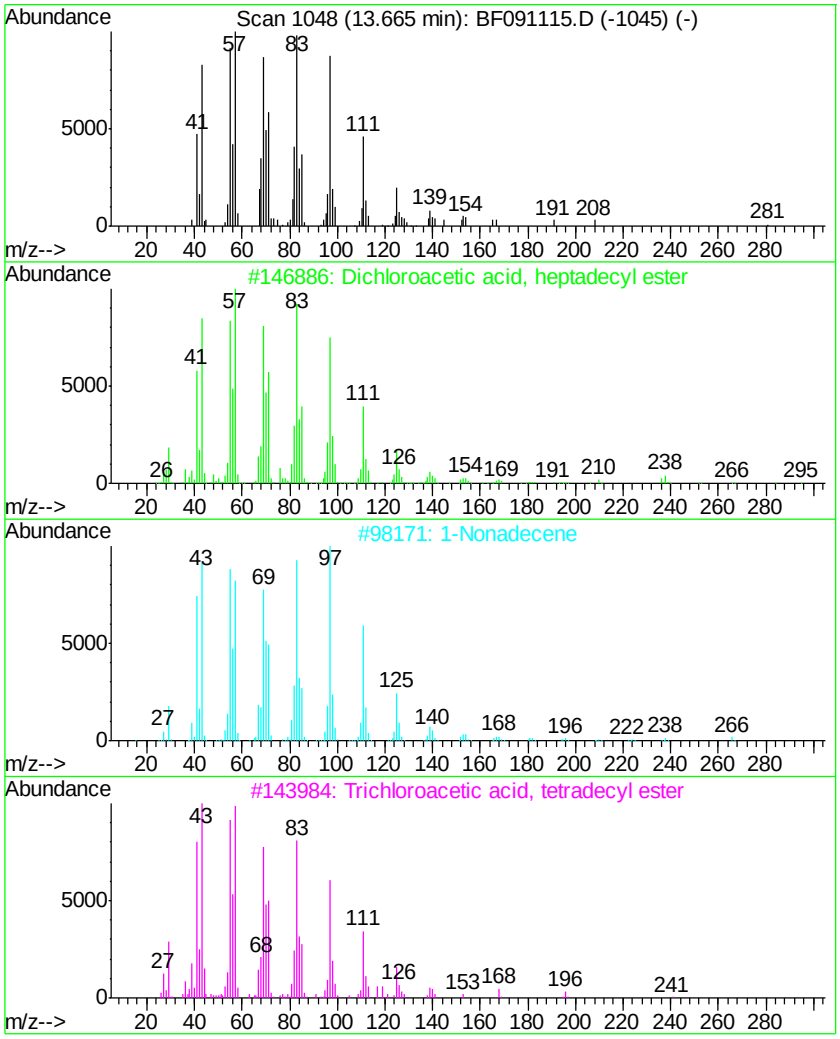
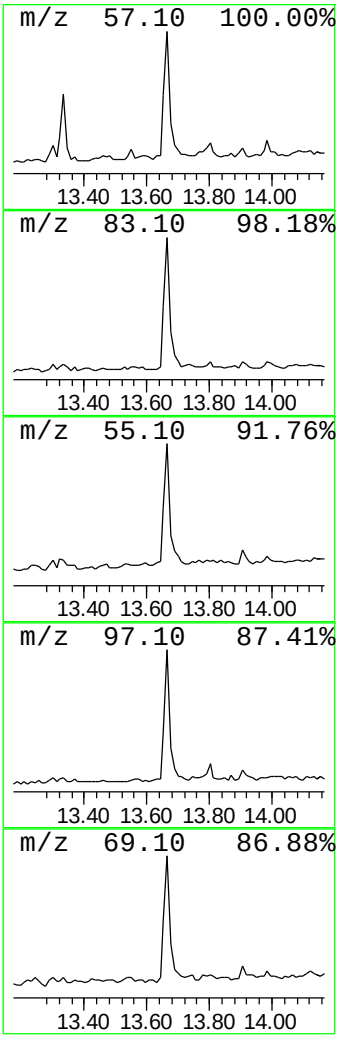
Peak Number 5 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	3.47 ng	159839	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
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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...	4.80	5.5	ng	281482	1	6.66	1019400	20.0
unknown6.43	6.43	69.7	ng	3551140	1	6.66	1019400	20.0
Eicosane	10.61	3.3	ng	189168	4	11.17	1152390	20.0
Dichloroacetic ac...	13.67	3.5	ng	159839	5	13.80	920229	20.0