LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086225.D
Acq On : 15 Apr 2016 19:19
Operator : UM/SJ
Sample : H2532-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-041316

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-BF041516.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	2.178	5	8	25	rVB	389055	619518	7.98%	0.914%
2	5.093	261	263	269	rVB	300314	443877	5.72%	0.655%
3	5.493	295	298	300	rBV	6115348	6944551	89.43%	10.249%
4	6.522	384	388	390	rBV	6018881	7532404	97.00%	11.117%
5	6.659	397	400	403	rBV	5967860	6993203	90.06%	10.321%
6	6.899	418	421	423	rBV	1298886	1722098	22.18%	2.542%
7	7.047	432	434	437	rVB	4745472	5452408	70.22%	8.047%
8	7.459	467	470	472	rBV	4746422	5280235	68.00%	7.793%
9	8.179	530	533	535	rBV	2729362	2374731	30.58%	3.505%
10	9.253	624	627	630	rBV	5193661	7765233	100.00%	11.461%
11	9.653	659	662	664	rBV	1035263	1140390	14.69%	1.683%
12	9.870	679	681	683	rBV	155282	119674	1.54%	0.177%
13	9.939	684	687	689	rVB	1764511	2470176	31.81%	3.646%
14	10.373	721	725	726	rBV	284050	269927	3.48%	0.398%
15	10.591	741	744	747	rBV	99360	170786	2.20%	0.252%
16	10.716	752	755	758	rVV2	3369949	4382494	56.44%	6.468%
17	10.842	765	766	771	rVB	322722	354542	4.57%	0.523%
18	11.288	804	805	807	rBV	128588	149435	1.92%	0.221%
19	11.413	814	816	819	rBV	2621352	2341001	30.15%	3.455%
20	11.951	861	863	865	rBV	167752	276425	3.56%	0.408%
21	12.728	929	931	934	rBV2	142352	281071	3.62%	0.415%
22	12.831	938	940	941	rBV	113149	111287	1.43%	0.164%
23	13.002	952	955	958	rBV	4583857	6031029	77.67%	8.901%
24	14.042	1044	1046	1055	rVB	1586833	2904955	37.41%	4.287%
25	15.482	1169	1172	1175	rBV	1010082	1624107	20.92%	2.397%

Sum of corrected areas: 67755557

LSC Report - Integrated Chromatogram

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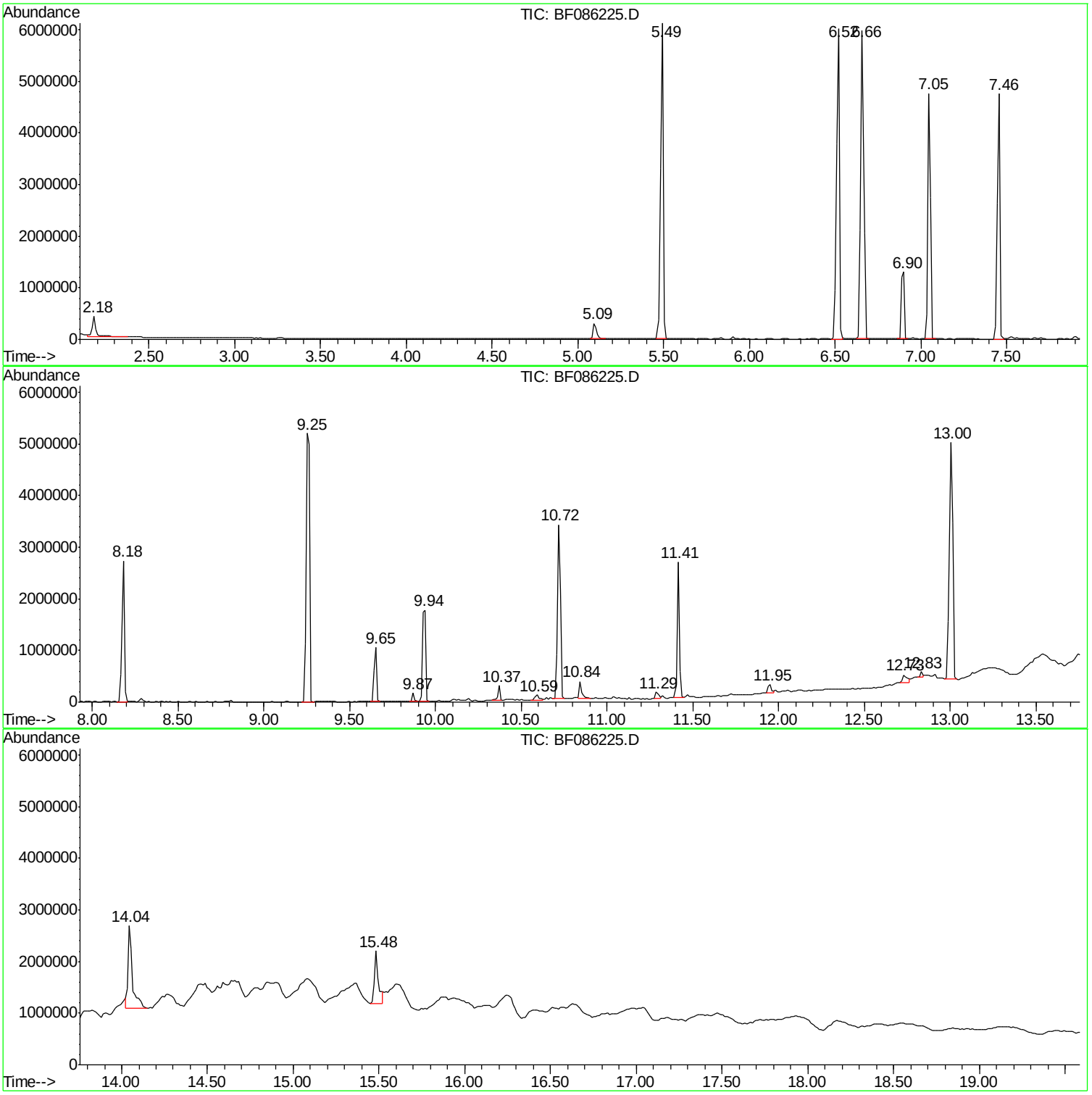
Instrument : BNA_F
ClientSampleId : WC-041316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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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ClientSampleId : WC-041316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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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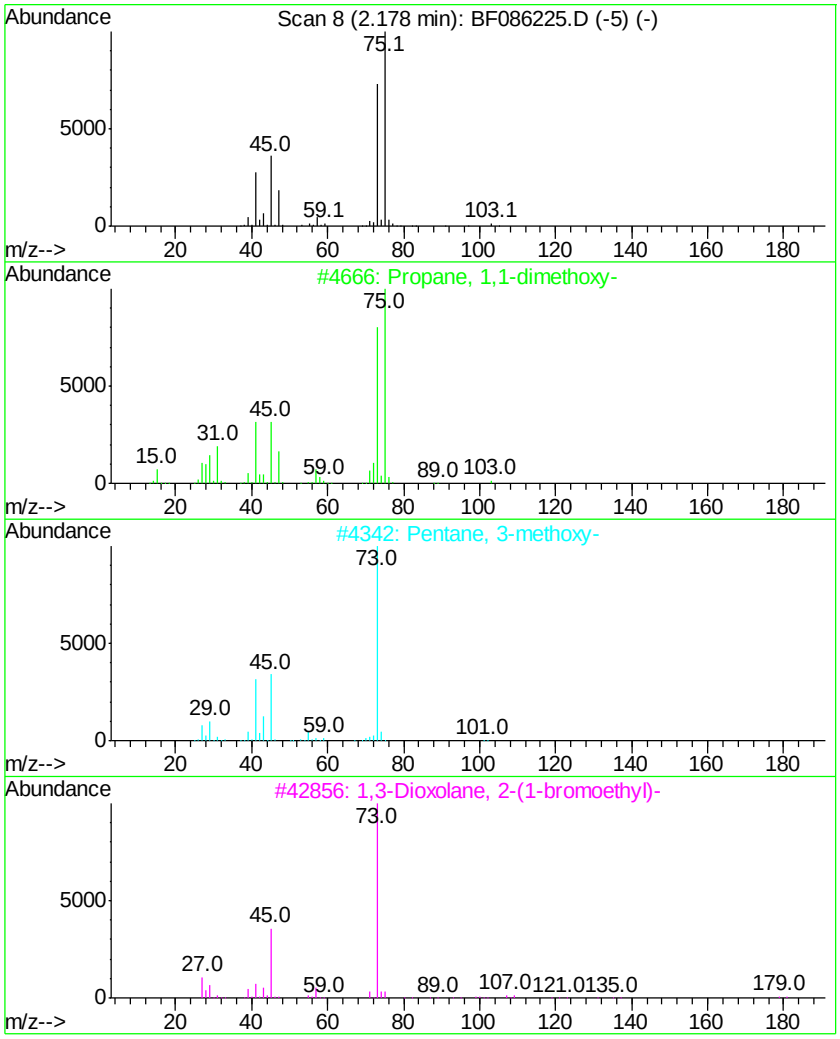
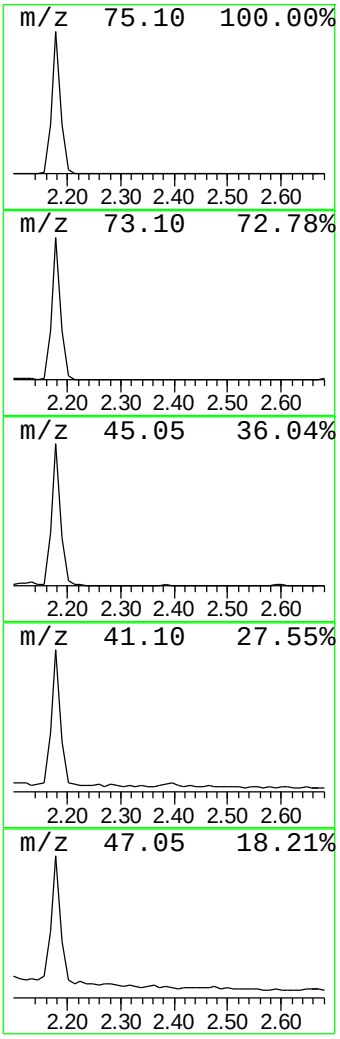
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	7.19 ng	619518	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
3	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	10
4	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
5	2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	9





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Sample : H2532-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-041316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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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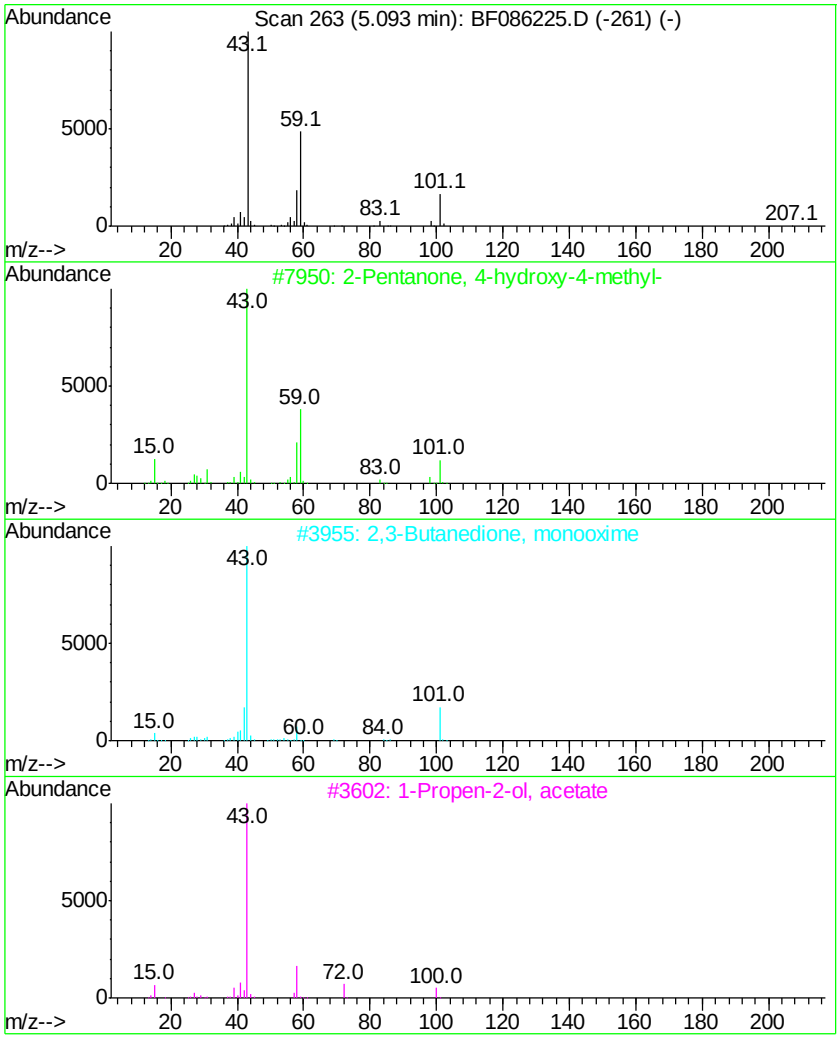
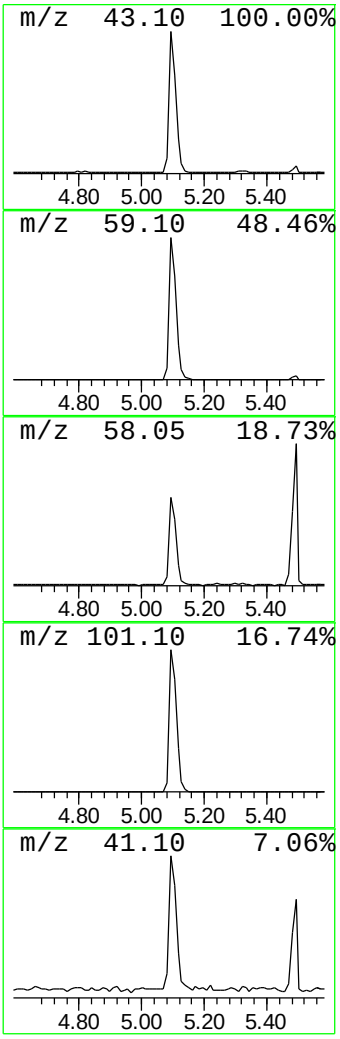
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	5.16 ng	443877	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetone	58	C3H6O	000067-64-1	9
5	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	9





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Data File : BF086225.D
Acq On : 15 Apr 2016 19:19
Operator : UM/SJ
Sample : H2532-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-041316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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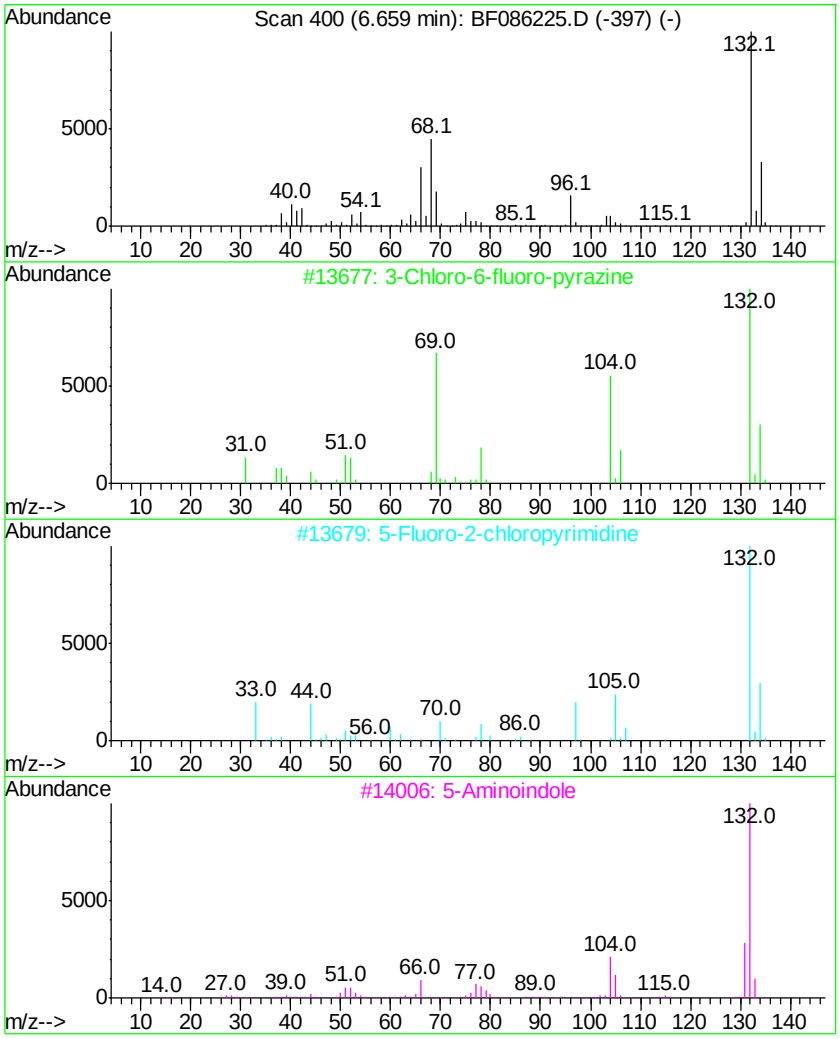
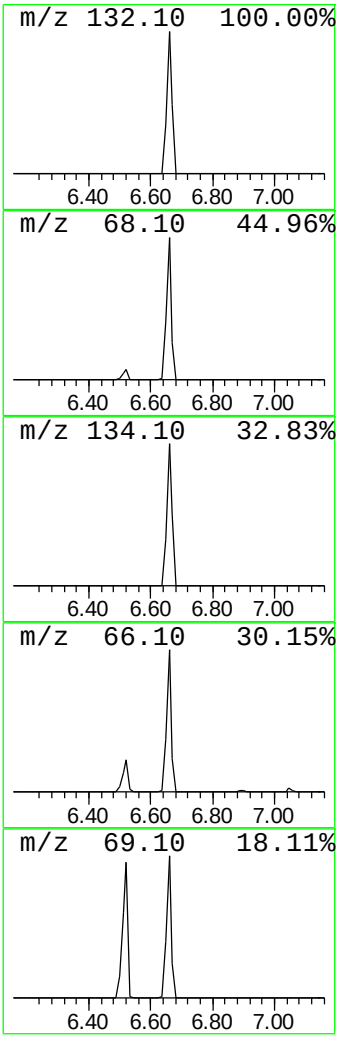
Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	81.22 ng	6993200	1,4-Dichlorobenzene-d4	6.90

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : WC-041316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
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TIC Library : C:\DATABASE\NIST02.L
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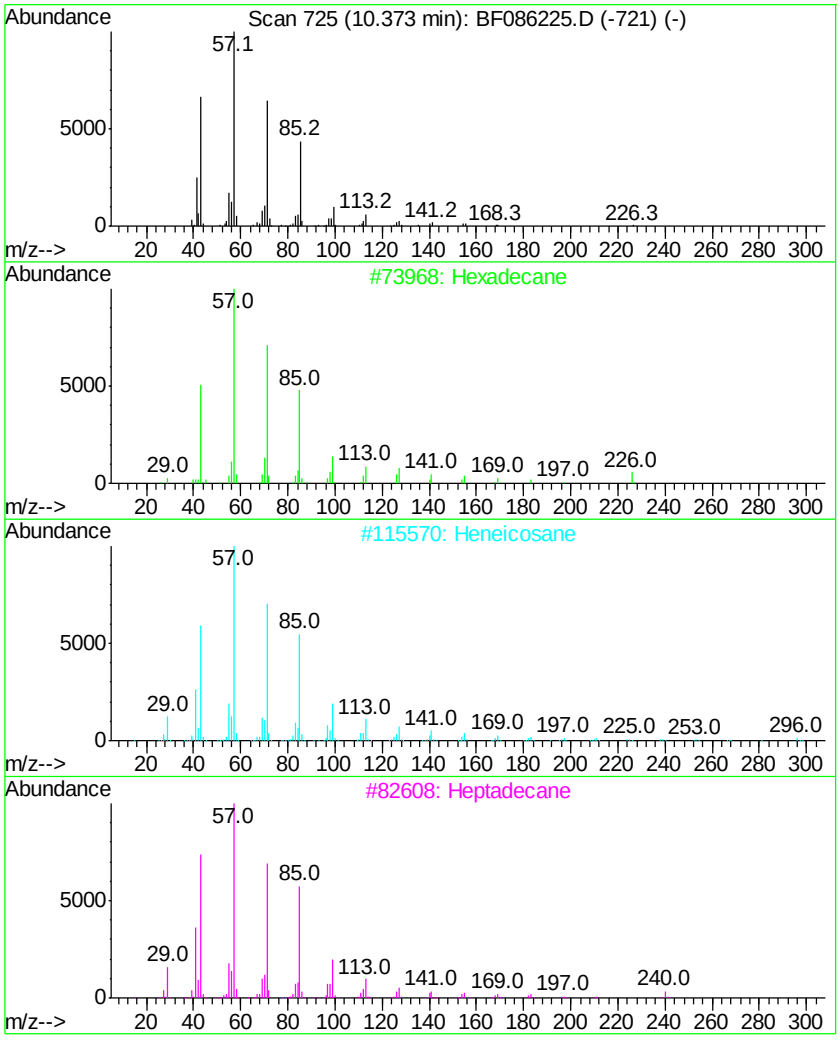
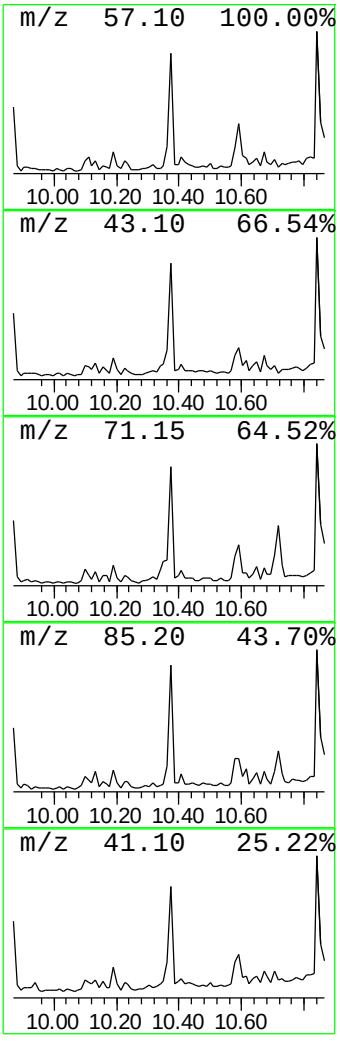
Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.19 ng	269927	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87





Library Search Compound Report

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Operator : UM/SJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-041316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
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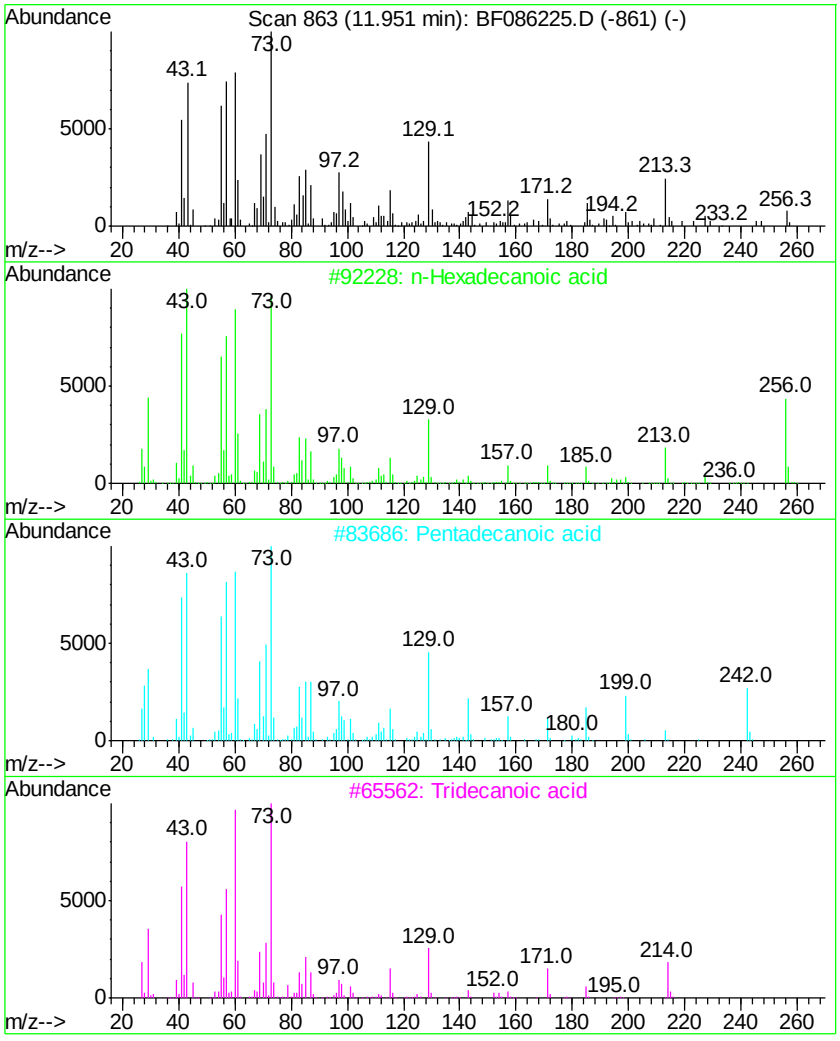
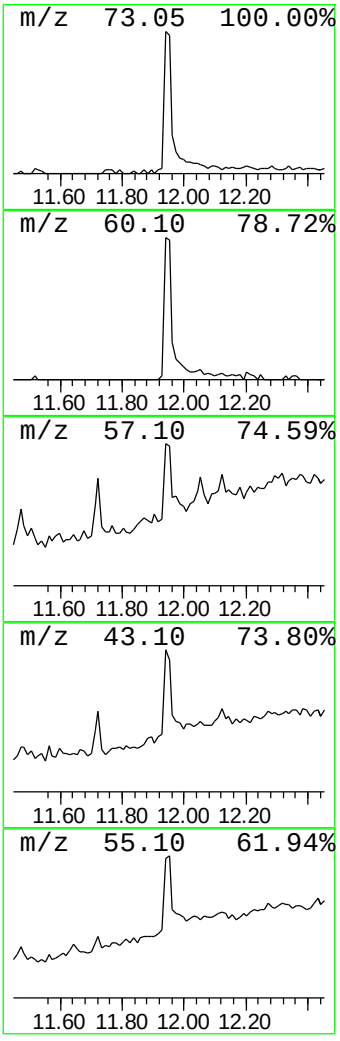
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.36 ng	276425	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	25





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Instrument : BNA_F
ClientSampleId : WC-041316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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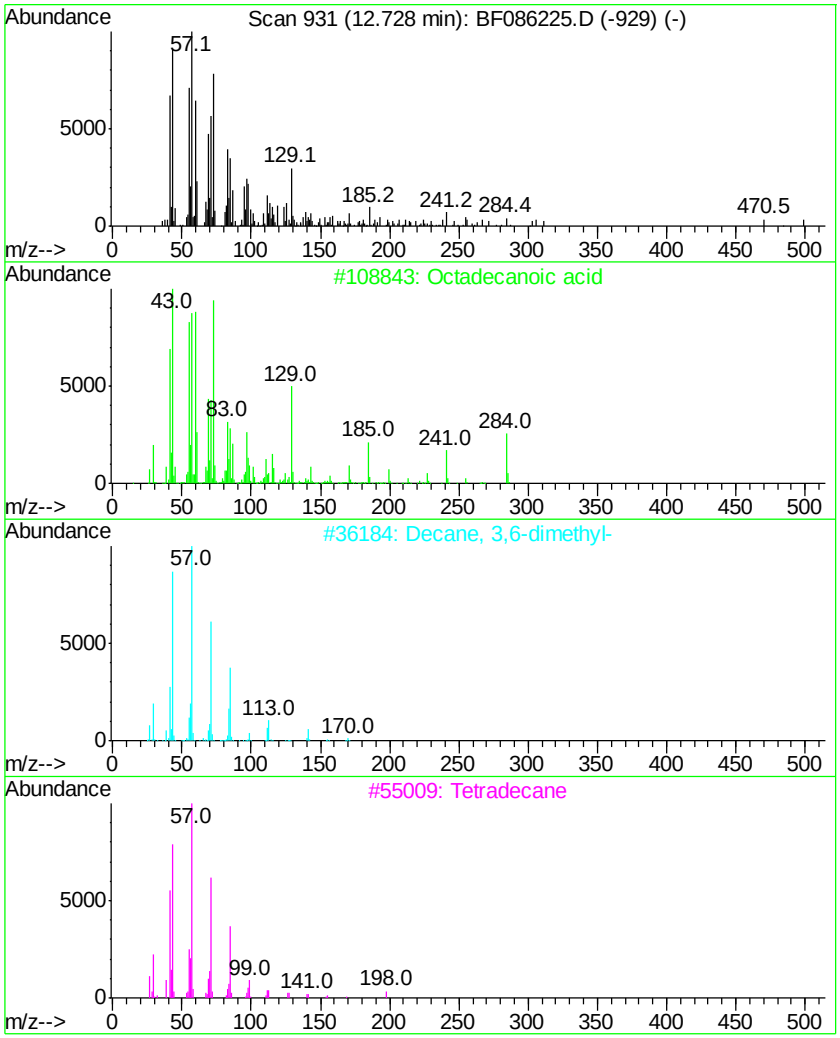
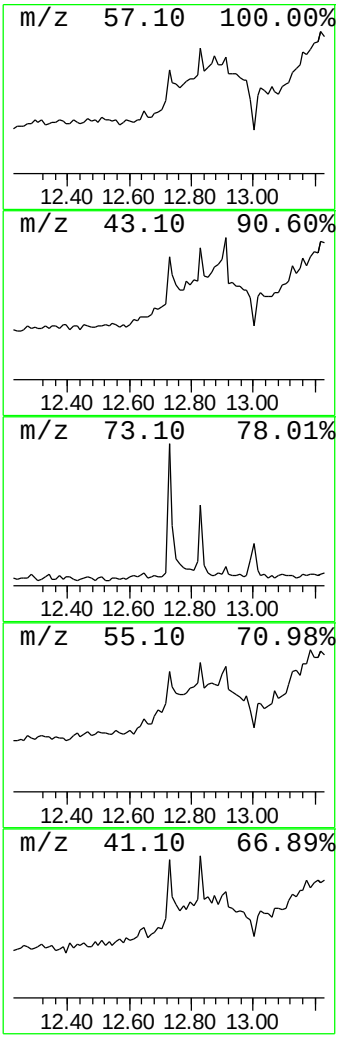
Peak Number 8 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	2.40 ng	281071	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	56
3	Tetradecane	198	C14H30	000629-59-4	45
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43
5	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	30





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-dime...	2.18	7.2	ng	619518	1	6.90	1722100	20.0
2-Pentanone, 4-hy...	5.09	5.2	ng	443877	1	6.90	1722100	20.0
unknown6.66	6.66	81.2	ng	6993200	1	6.90	1722100	20.0
Hexadecane	10.37	2.2	ng	269927	3	9.94	2470180	20.0
n-Hexadecanoic acid	11.95	2.4	ng	276425	4	11.41	2341000	20.0
Octadecanoic acid	12.73	2.4	ng	281071	4	11.41	2341000	20.0