LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086497.D
Acq On : 29 Apr 2016 17:35
Operator : UM/SJ
Sample : H2784-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2(2A-2B-2C-2D)

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-BF042716.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	4.978	251	253	259	rBV	172490	318538	5.35%	0.683%
2	5.378	285	288	291	rBV	4408148	5124591	86.14%	10.983%
3	6.419	376	379	382	rBV	3581963	5949066	100.00%	12.750%
4	6.544	388	390	393	rBV	4169565	5236987	88.03%	11.224%
5	6.773	408	410	413	rBV	1074675	1123273	18.88%	2.407%
6	6.933	421	424	427	rBV	4018431	3911686	65.75%	8.383%
7	7.344	457	460	463	rBV	2923493	3457455	58.12%	7.410%
8	7.813	498	501	505	rBV2	46117	64987	1.09%	0.139%
9	8.064	520	523	525	rBV	1538256	1459031	24.53%	3.127%
10	9.139	615	617	620	rBV	3483348	4913193	82.59%	10.530%
11	9.230	623	625	627	rVB	70990	74267	1.25%	0.159%
12	9.539	650	652	654	rBV	417075	437088	7.35%	0.937%
13	9.756	669	671	673	rVB	224271	174268	2.93%	0.373%
14	9.813	674	676	679	rVV	1590232	1412829	23.75%	3.028%
15	9.985	688	691	693	rBV	33645	62664	1.05%	0.134%
16	10.259	713	715	716	rBV	160884	178834	3.01%	0.383%
17	10.476	731	734	735	rBV	70031	98478	1.66%	0.211%
18	10.602	742	745	748	rBV	2710889	2899153	48.73%	6.213%
19	10.728	754	756	762	rVB	198225	239939	4.03%	0.514%
20	11.299	803	806	810	rBV2	805497	1290102	21.69%	2.765%
21	11.528	823	826	830	rBV2	25516	61109	1.03%	0.131%
22	11.905	857	859	864	rVB	56282	91039	1.53%	0.195%
23	12.111	873	877	879	rBV3	35190	74353	1.25%	0.159%
24	12.499	909	911	914	rBV	376714	401010	6.74%	0.859%
25	12.728	928	931	933	rBV	374633	418245	7.03%	0.896%
26	12.888	942	945	947	rBV	2295479	3333803	56.04%	7.145%
27	13.162	967	969	972	rBV2	54783	80968	1.36%	0.174%
28	13.779	1021	1023	1027	rBV3	182293	255353	4.29%	0.547%
29	13.928	1033	1036	1042	rBV2	876565	1457028	24.49%	3.123%
30	14.934	1122	1124	1128	rBV	227446	491864	8.27%	1.054%
31	15.334	1157	1159	1169	rVB	554665	1063689	17.88%	2.280%
32	17.094	1310	1313	1320	rVB	205350	505160	8.49%	1.083%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : COMP2(2A-2B-2C-2D)

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-BF042716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 46660050

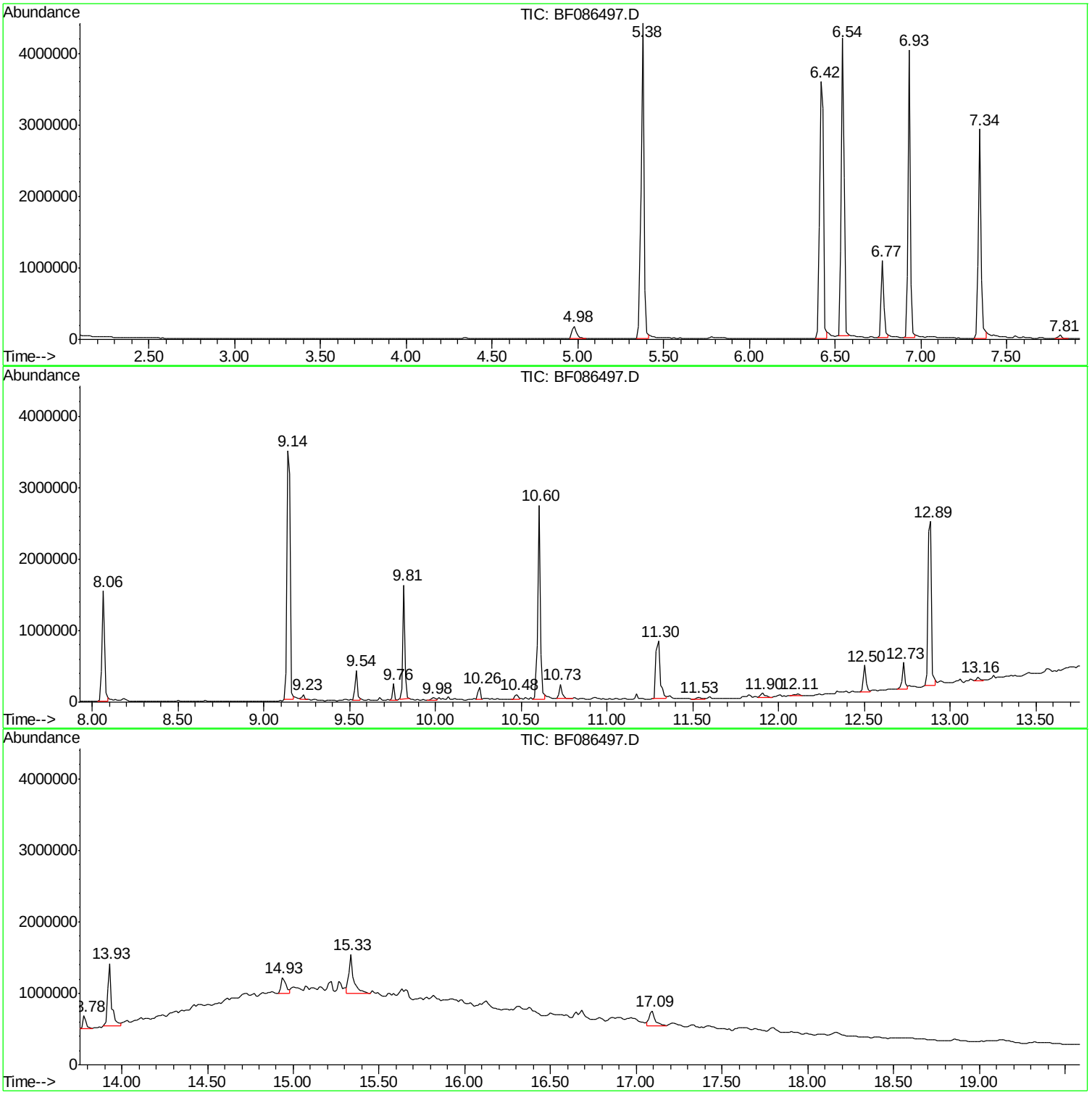
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086497.D
Acq On : 29 Apr 2016 17:35
Operator : UM/SJ
Sample : H2784-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP2(2A-2B-2C-2D)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
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Operator : UM/SJ
Sample : H2784-02
Misc :
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Instrument : BNA_F
ClientSampleId : COMP2(2A-2B-2C-2D)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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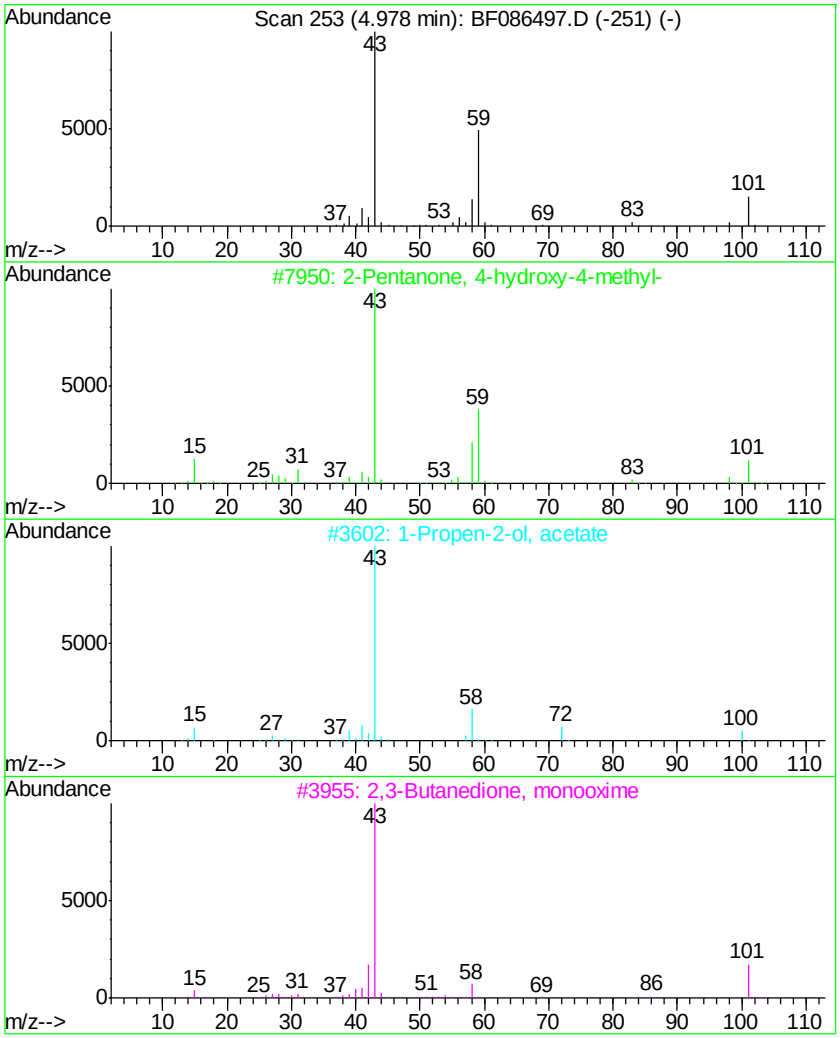
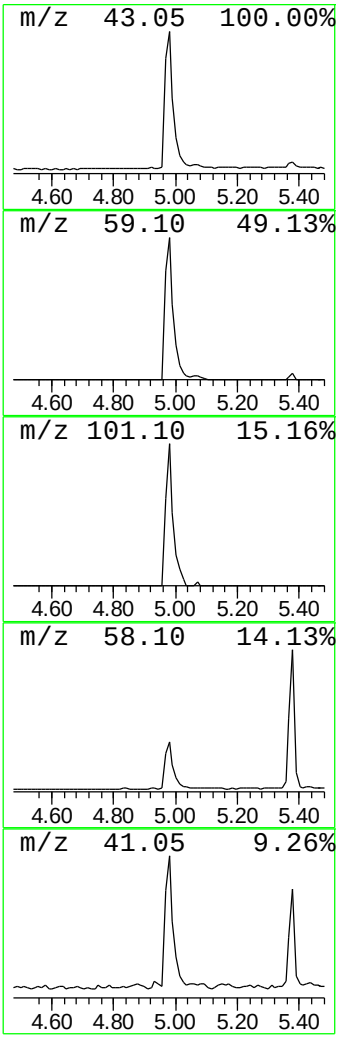
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	5.67 ng	318538	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9





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Operator : UM/SJ
Sample : H2784-02
Misc :
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Instrument : BNA_F
ClientSampleId : COMP2(2A-2B-2C-2D)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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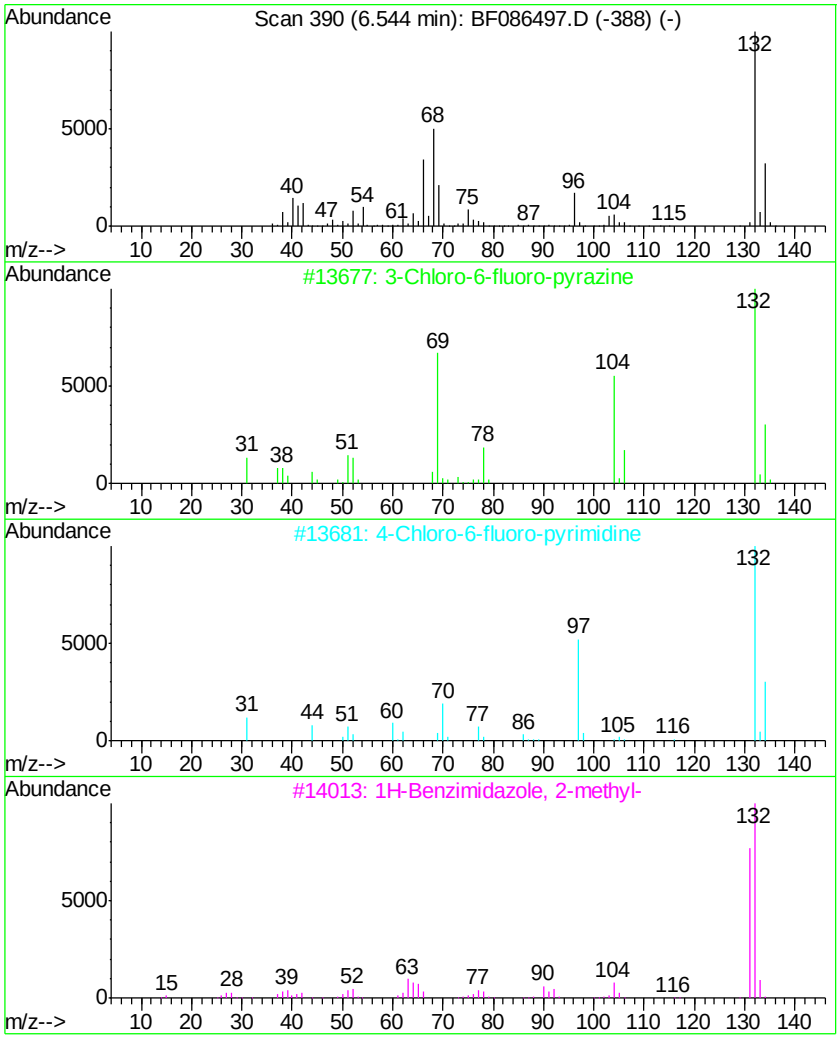
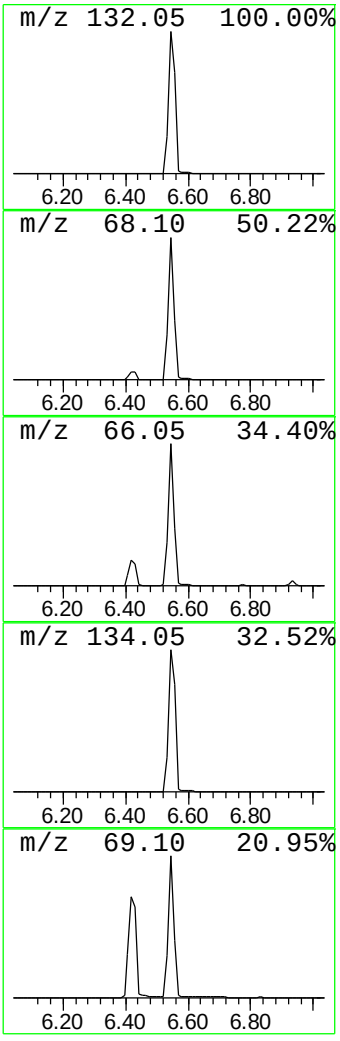
Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	93.25 ng	5236990	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Operator : UM/SJ
Sample : H2784-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2(2A-2B-2C-2D)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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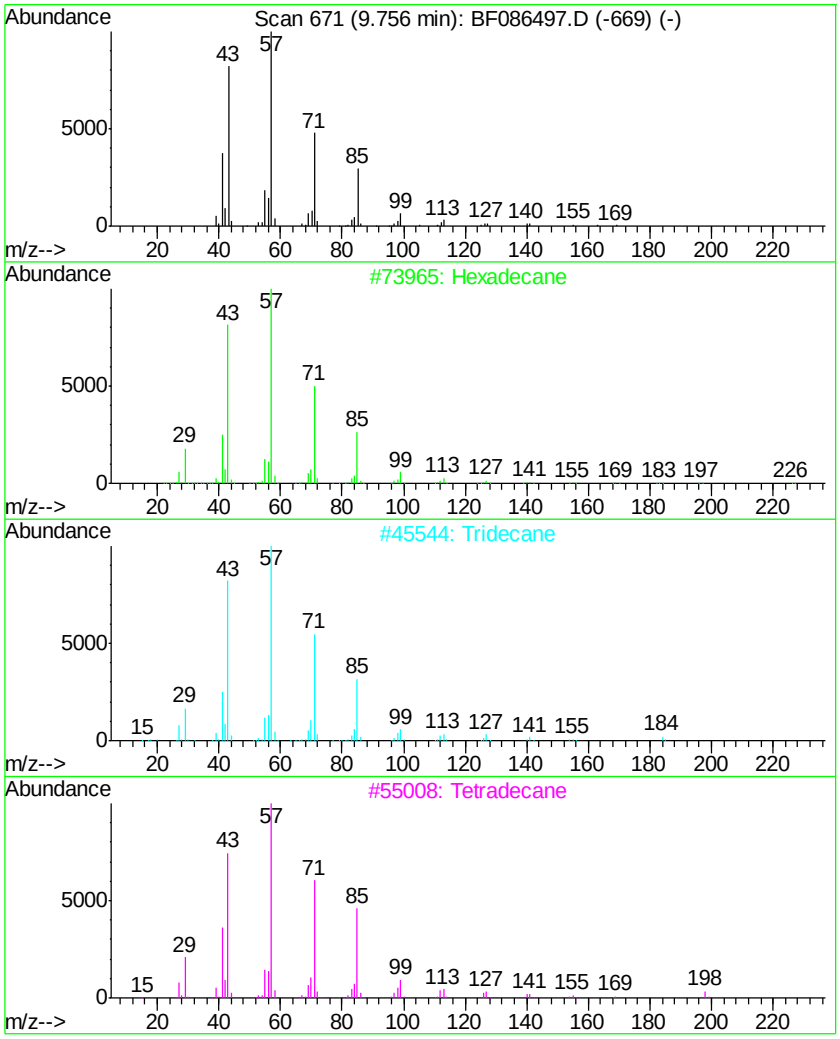
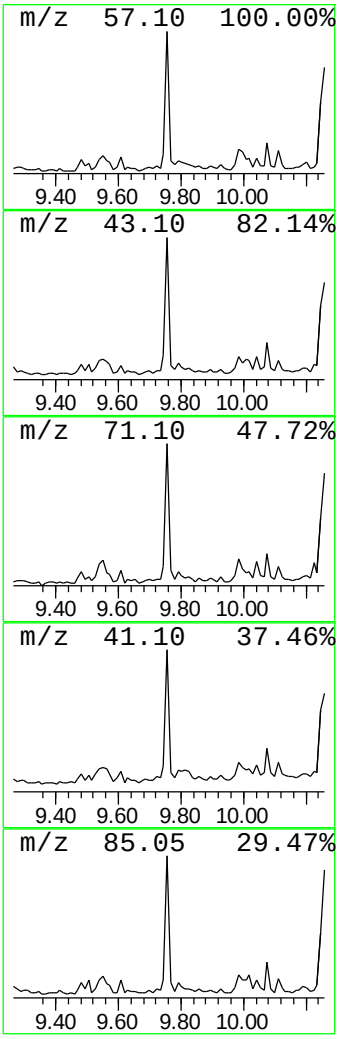
Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.47 ng	174268	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	64





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Sample : H2784-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2(2A-2B-2C-2D)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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TIC Library : C:\DATABASE\NIST02.L
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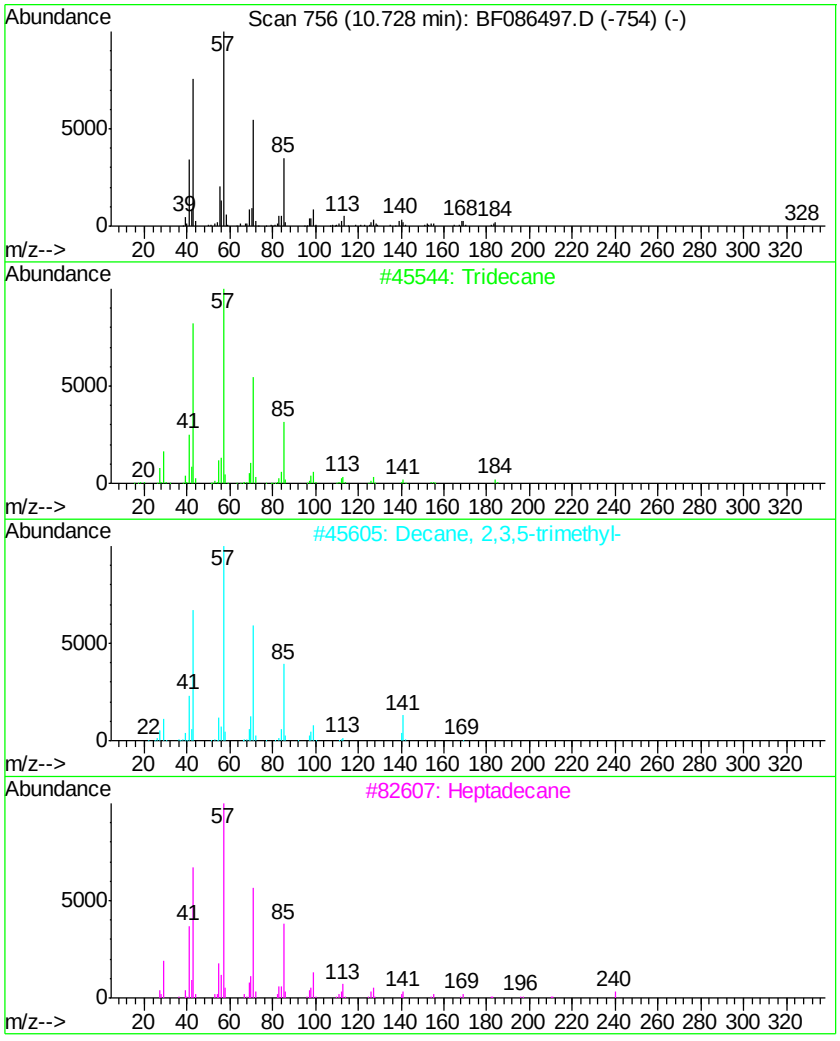
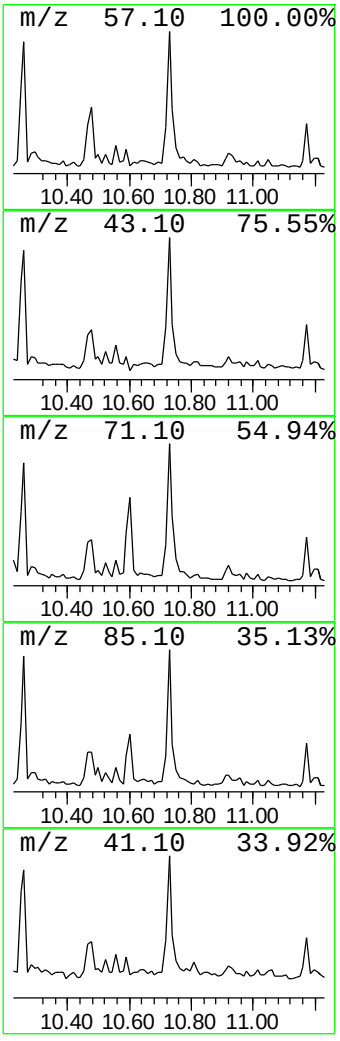
Peak Number 6 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	3.72 ng	239939	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	87





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Sample : H2784-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2(2A-2B-2C-2D)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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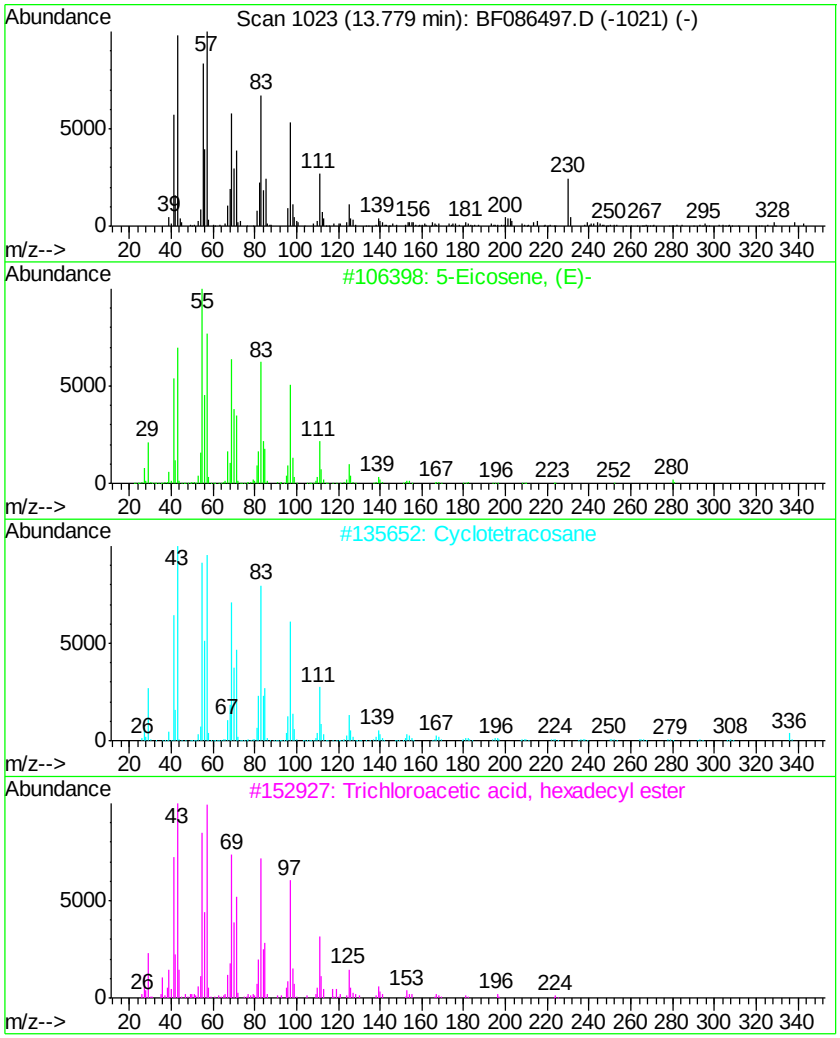
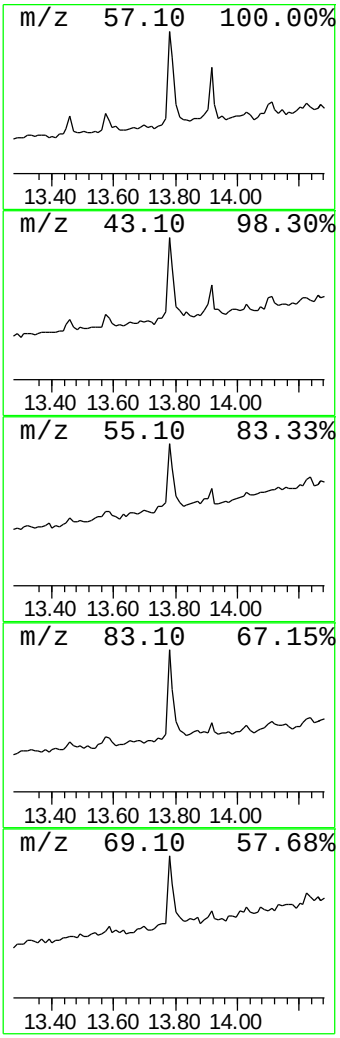
Peak Number 7 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	3.51 ng	255353	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Cyclotetracosane	336	C24H48	000297-03-0	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Tricosene	322	C23H46	018835-32-0	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	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...	4.98	5.7	ng	318538	1	6.77	1123270	20.0
unknown6.54	6.54	93.3	ng	5236990	1	6.77	1123270	20.0
Hexadecane	9.76	2.5	ng	174268	3	9.81	1412830	20.0
Tridecane	10.73	3.7	ng	239939	4	11.30	1290100	20.0
5-Eicosene, (E)-	13.78	3.5	ng	255353	5	13.93	1457030	20.0