LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082691.D
Acq On : 4 Nov 2015 8:42
Operator : UM/IZ
Sample : G4241-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(14-16)

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-BF103015.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	5.070	258	261	268	rVB	1611540	2469662	38.56%	4.991%
2	5.493	295	298	300	rBV	5268666	5441573	84.95%	10.996%
3	6.521	384	388	390	rBV	5189775	6405352	100.00%	12.944%
4	6.659	397	400	402	rBV	4725127	6052380	94.49%	12.230%
5	6.887	417	420	422	rBV	1147667	1075100	16.78%	2.173%
6	7.047	431	434	436	rVB	3978383	4285444	66.90%	8.660%
7	7.447	466	469	471	rBV	3750238	3687488	57.57%	7.451%
8	8.167	530	532	535	rBV	1113203	1213225	18.94%	2.452%
9	9.253	624	627	629	rBV	6193111	5399618	84.30%	10.911%
10	9.642	659	661	663	rBV	1484394	1196332	18.68%	2.417%
11	9.928	684	686	689	rBV	1584482	1370784	21.40%	2.770%
12	10.373	724	725	727	rVB	111102	79984	1.25%	0.162%
13	10.590	741	744	747	rBV	47189	69533	1.09%	0.141%
14	10.716	752	755	757	rBV	3219985	2952725	46.10%	5.967%
15	10.842	765	766	770	rBV	118208	174412	2.72%	0.352%
16	11.299	803	806	807	rBV	84651	107890	1.68%	0.218%
17	11.413	814	816	818	rBV	1291308	1082007	16.89%	2.186%
18	11.722	841	843	845	rBV	90366	72462	1.13%	0.146%
19	11.951	861	863	865	rBV	287368	276496	4.32%	0.559%
20	12.133	876	879	880	rBV2	57457	73409	1.15%	0.148%
21	12.739	930	932	935	rBV	152506	224936	3.51%	0.455%
22	12.831	938	940	942	rVV2	72874	81655	1.27%	0.165%
23	13.002	953	955	958	rBV	3013860	3048096	47.59%	6.159%
24	13.916	1033	1035	1037	rBV	223811	294122	4.59%	0.594%
25	14.065	1045	1048	1050	rBV	1036243	1231558	19.23%	2.489%
26	15.540	1175	1177	1179	rBV	785486	1120288	17.49%	2.264%

Sum of corrected areas: 49486531

LSC Report - Integrated Chromatogram

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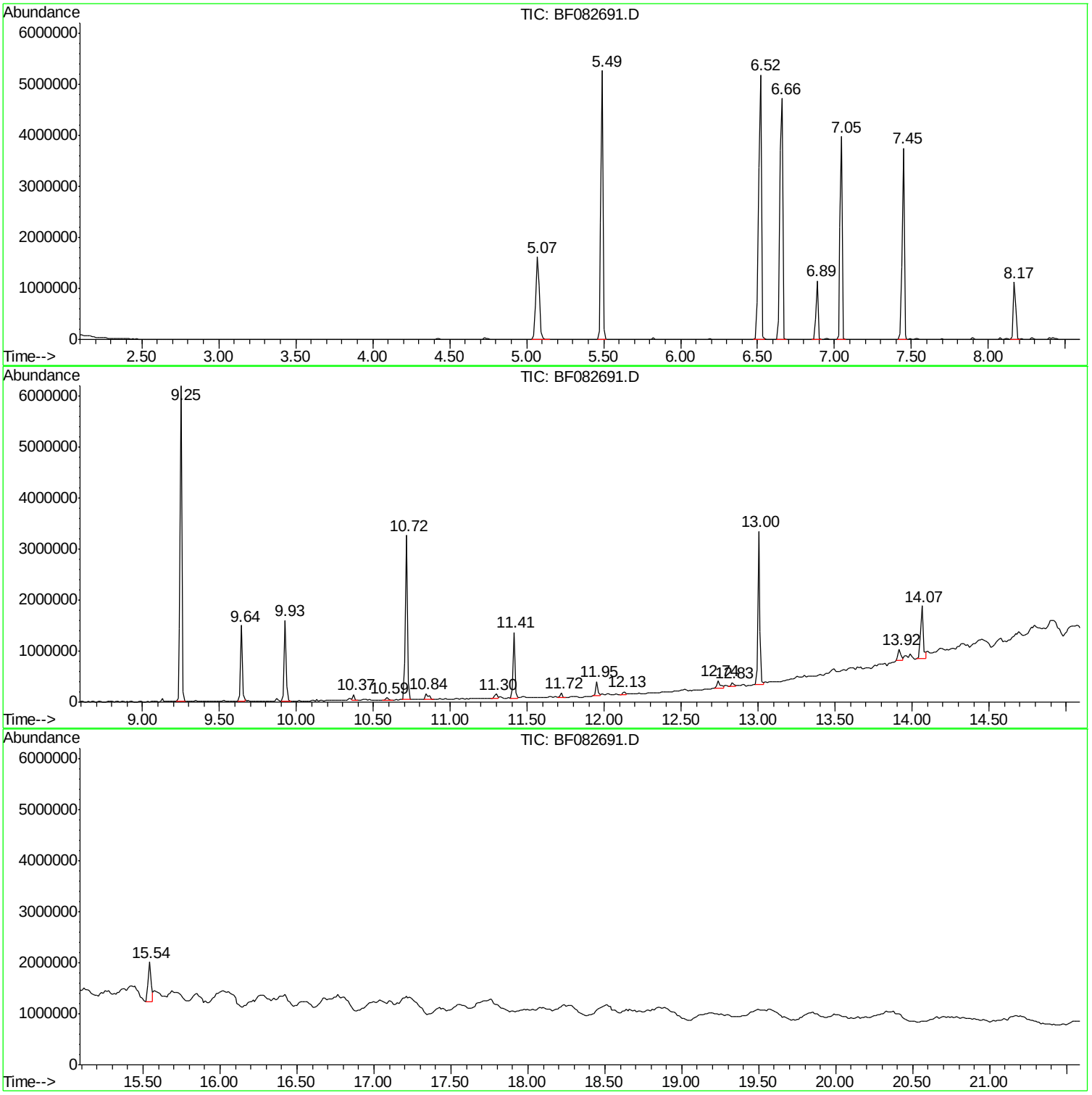
Instrument : BNA_F
ClientSampleId : SB-02(14-16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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

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Sample : G4241-08
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Instrument : BNA_F
ClientSampleId : SB-02(14-16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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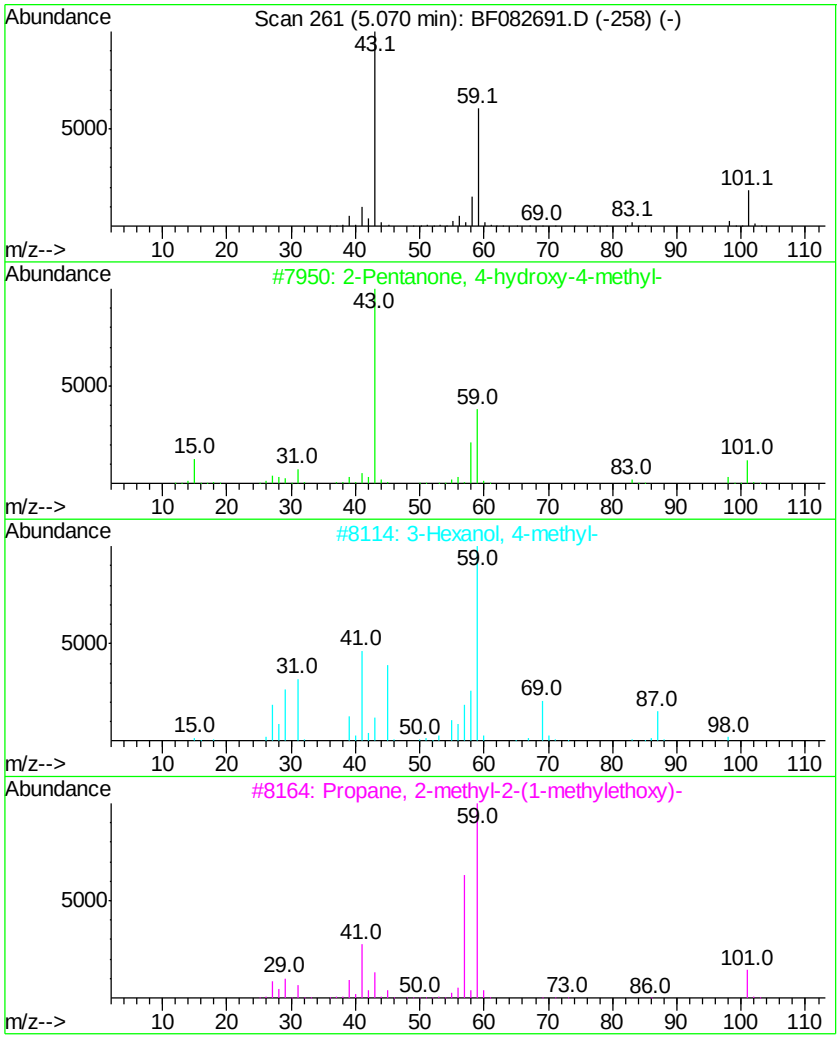
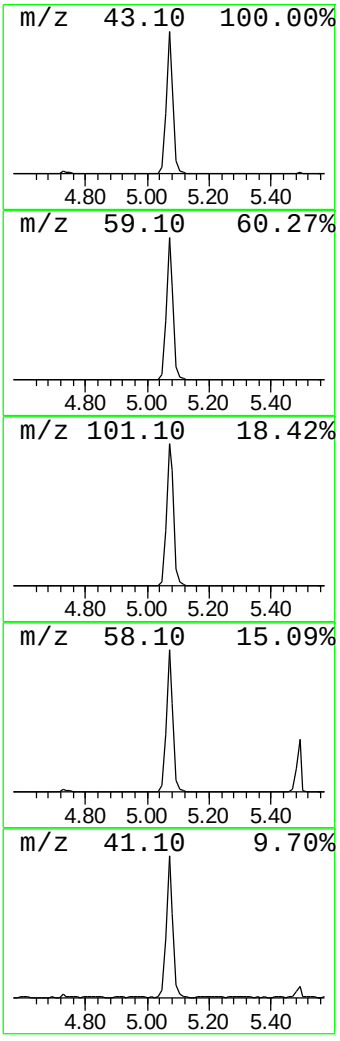
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	45.94 ng	2469660	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Operator : UM/IZ
Sample : G4241-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(14-16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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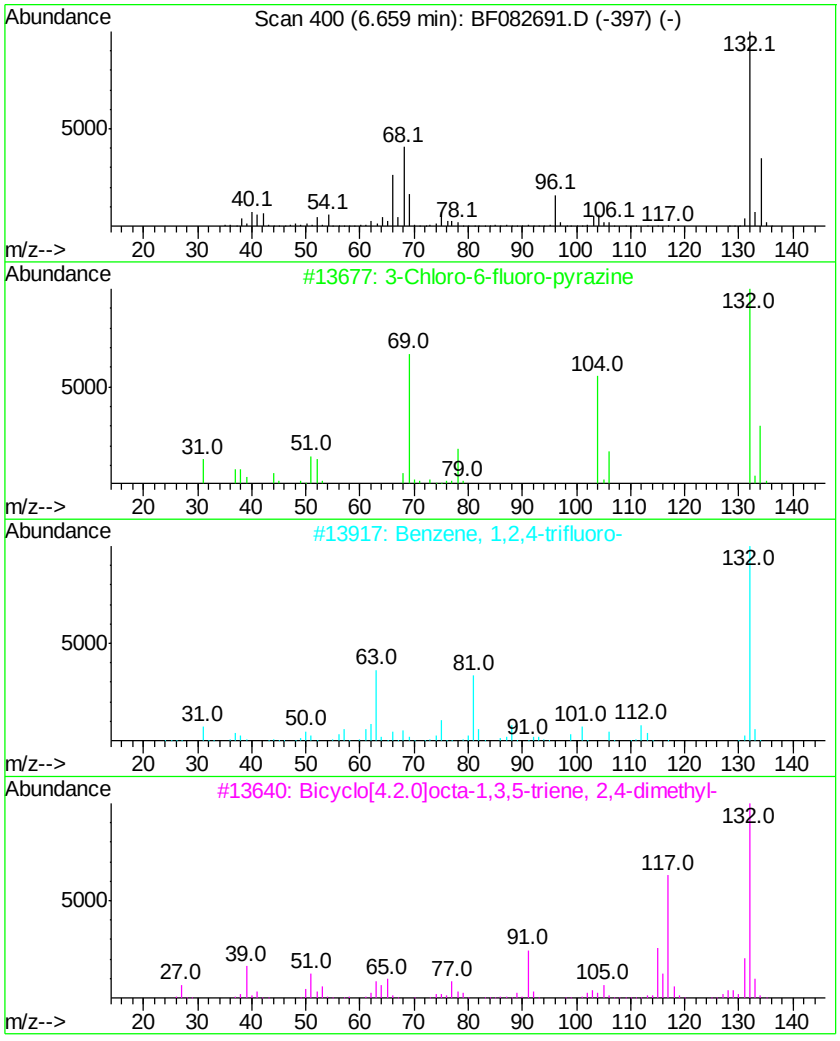
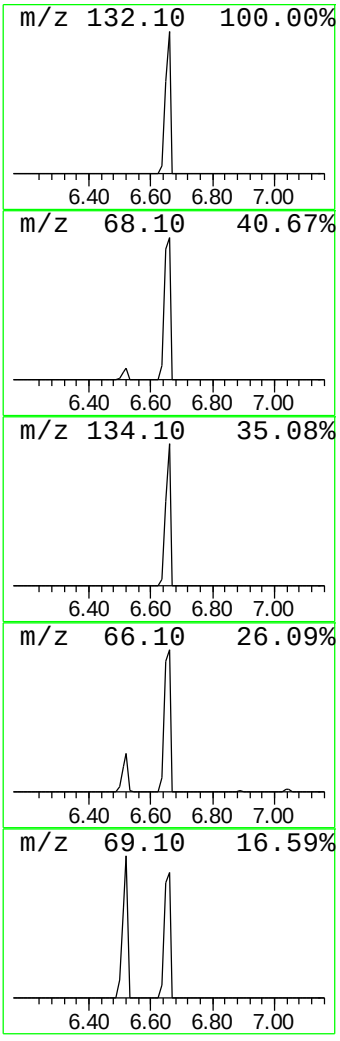
Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	112.59 ng	6052380	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : G4241-08
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ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(14-16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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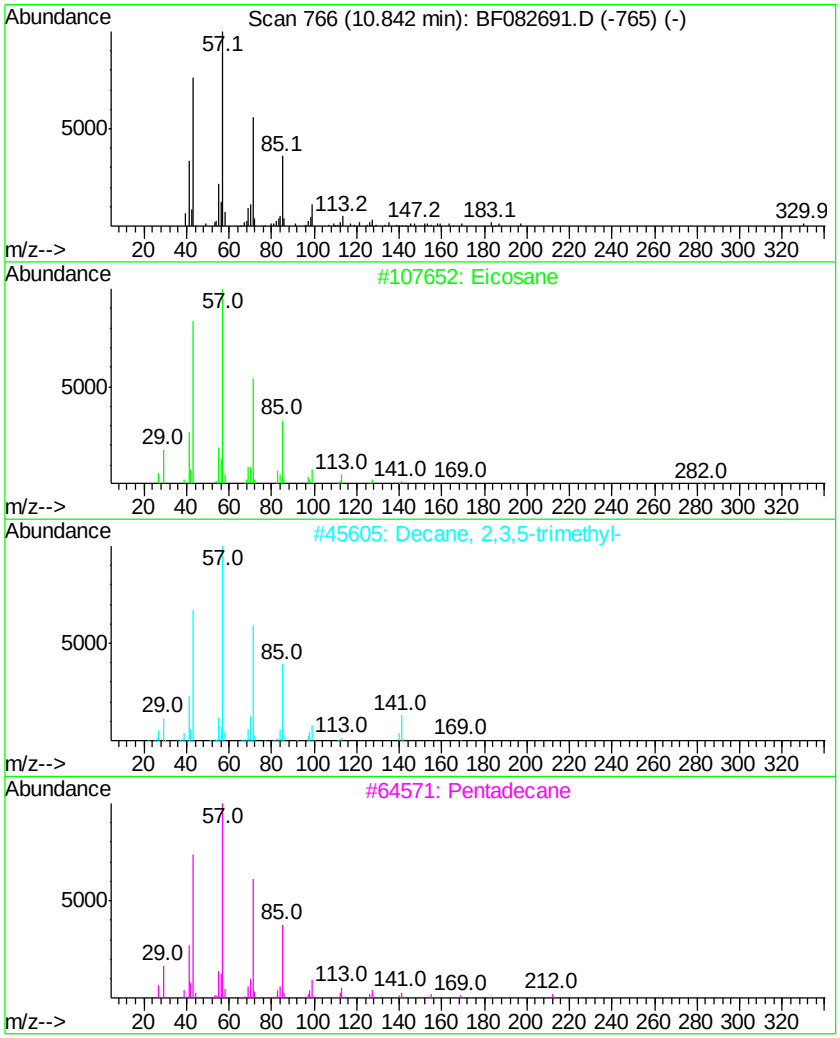
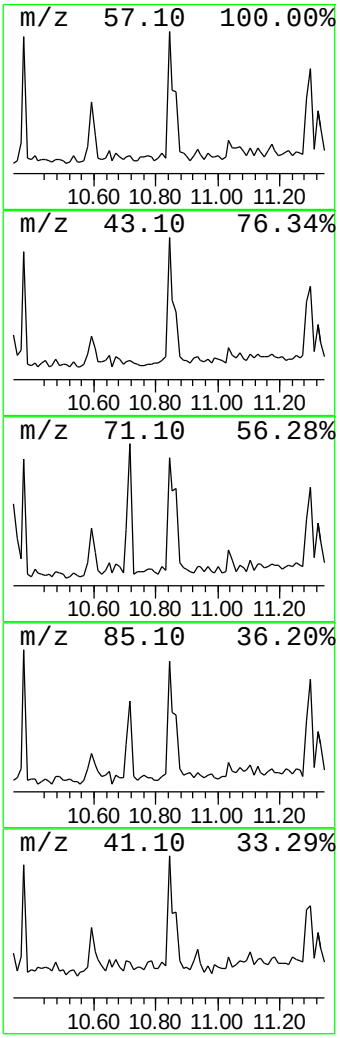
Peak Number 4 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	3.22 ng	174412	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SB-02(14-16)

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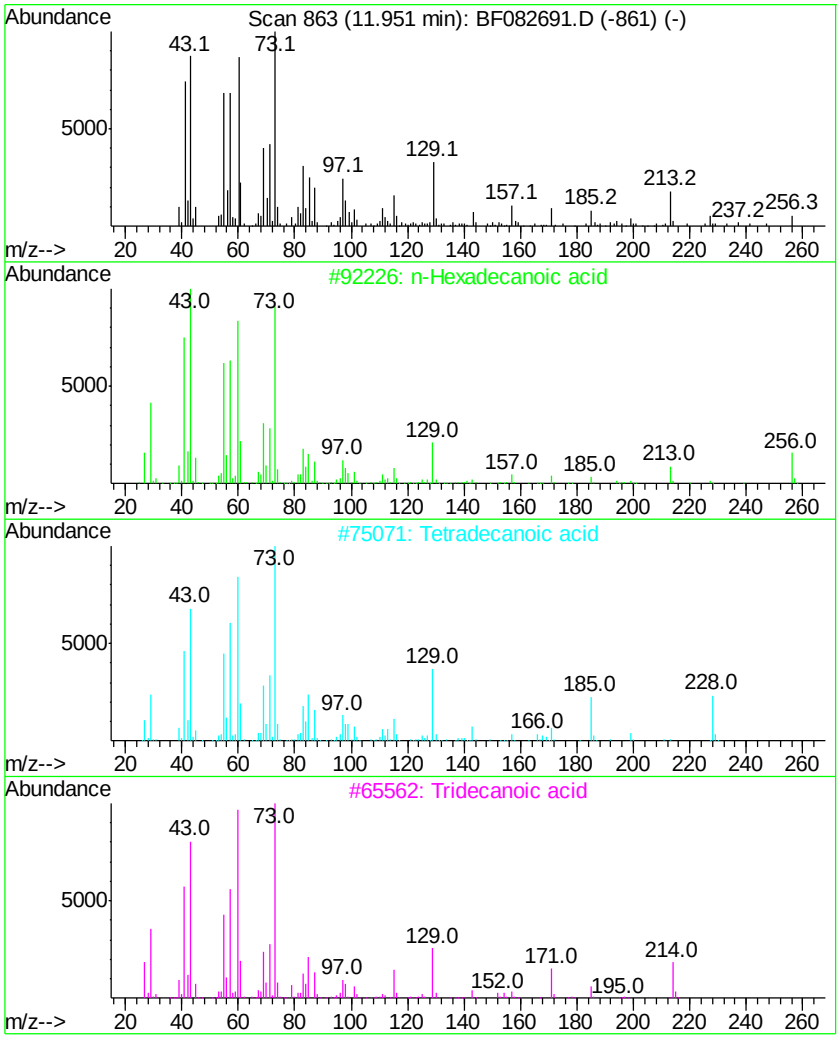
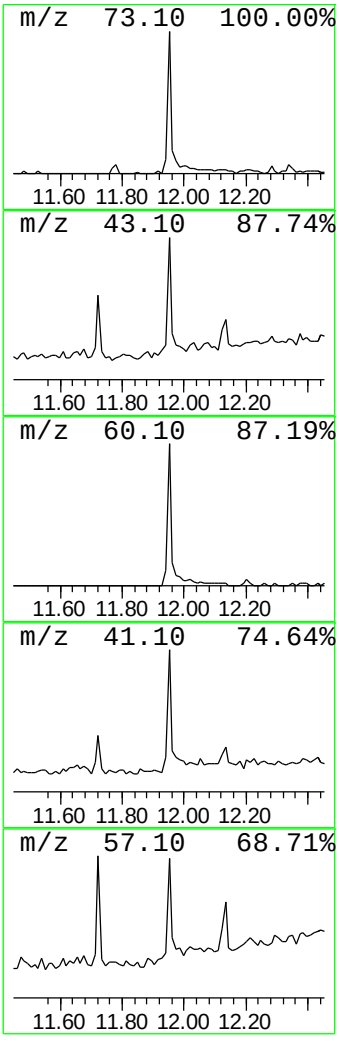
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	5.11 ng	276496	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	Nonanoic acid	158	C9H18O2	000112-05-0	27





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Sample : G4241-08
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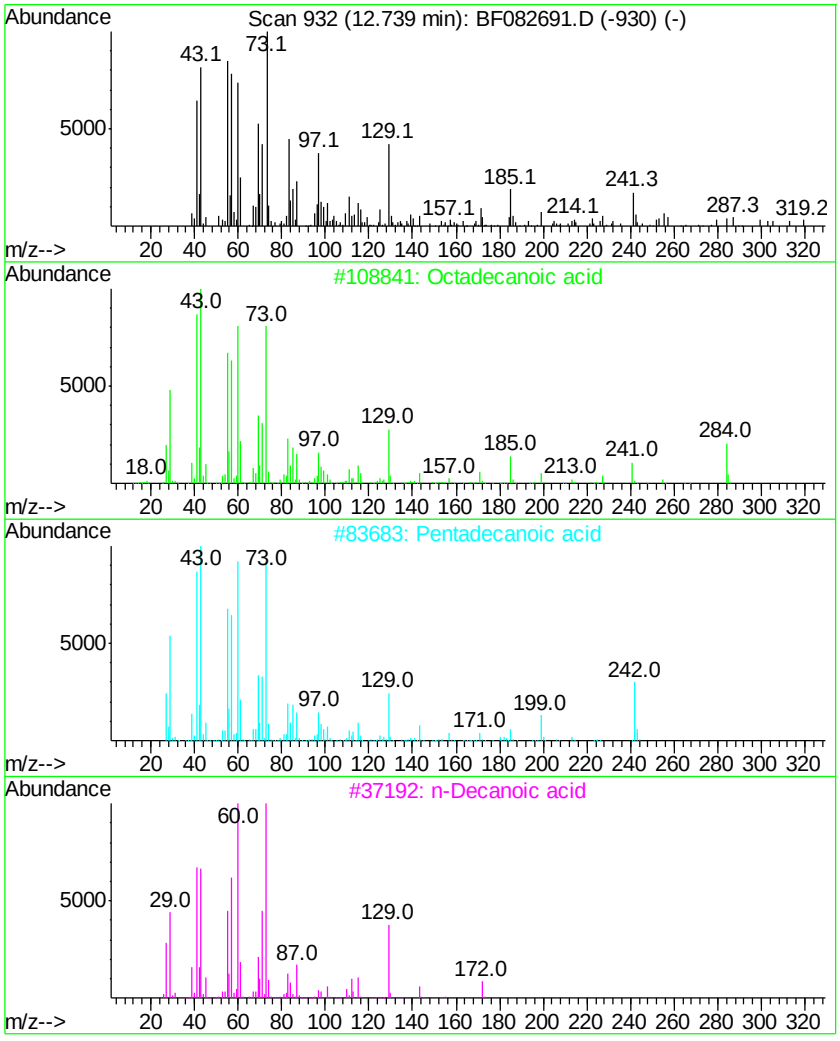
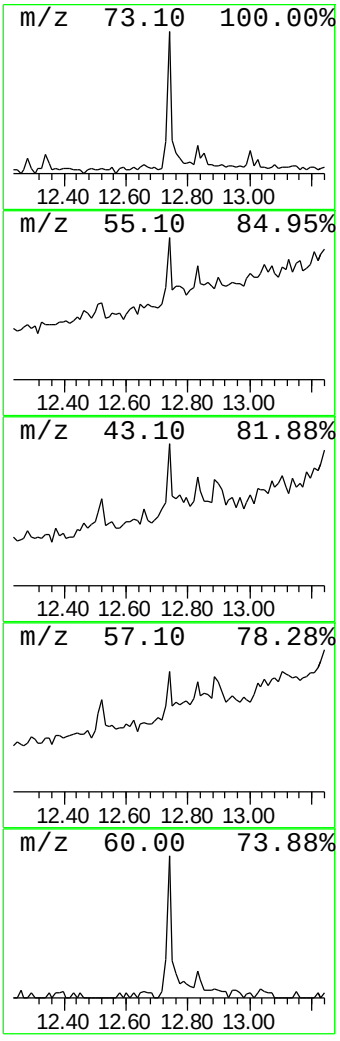
Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	3.65 ng	224936	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	38
5	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	30





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(14-16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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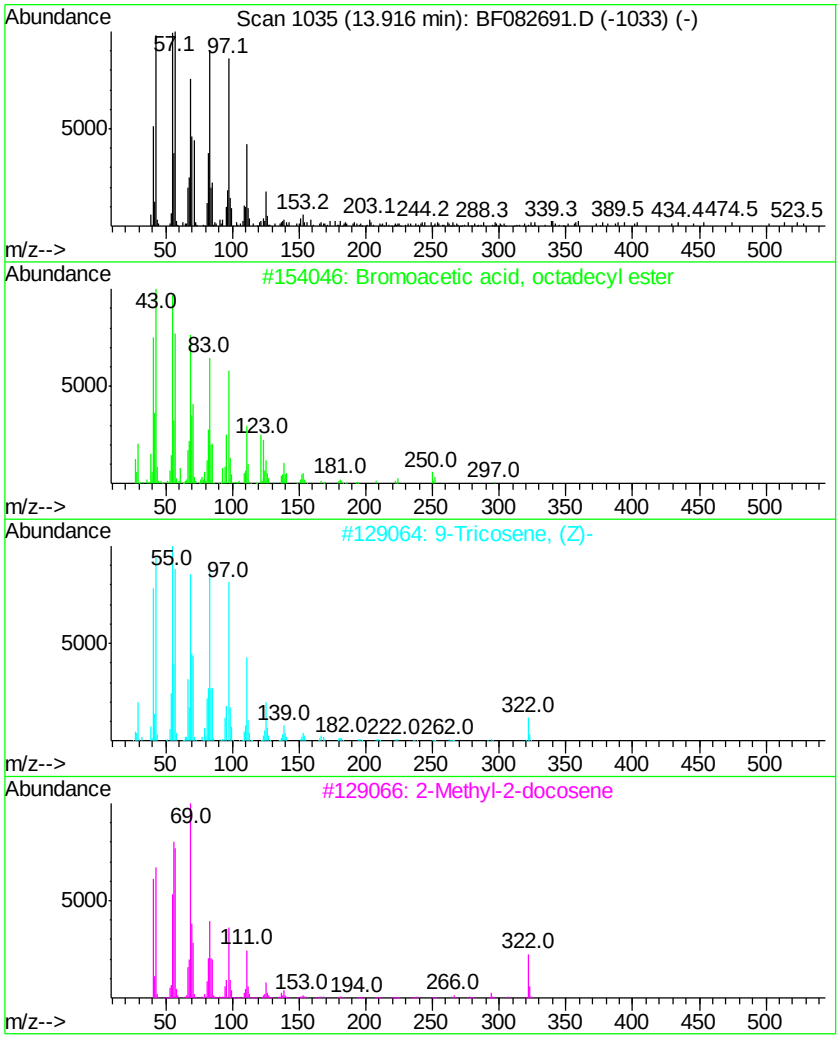
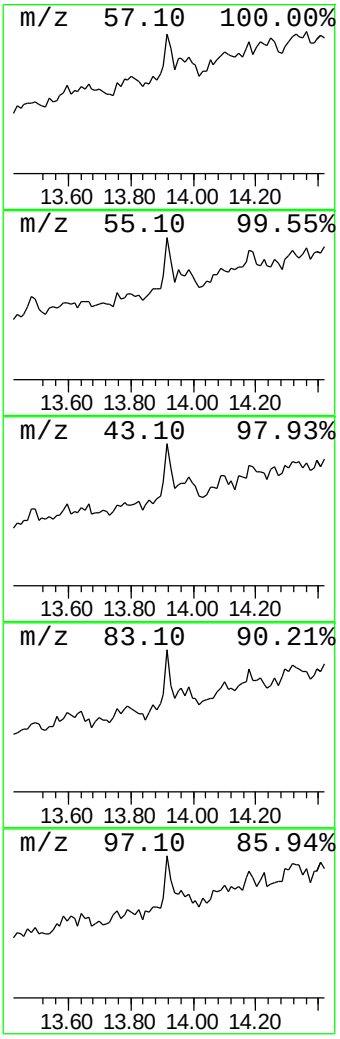
Peak Number 7 Bromoacetic acid, octadecyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	4.78 ng	294122	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	76
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	64
3	2-Methyl-2-docosene	322	C23H46	1000131-16-9	62
4	Cyclopentadecane	210	C15H30	000295-48-7	60
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	58





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
2-Pentanone, 4-hy...	5.07	45.9	ng	2469660	1	6.89	1075100	20.0
unknown6.66	6.66	112.6	ng	6052380	1	6.89	1075100	20.0
Eicosane	10.84	3.2	ng	174412	4	11.41	1082010	20.0
n-Hexadecanoic acid	11.95	5.1	ng	276496	4	11.41	1082010	20.0
Octadecanoic acid	12.74	3.6	ng	224936	5	14.07	1231560	20.0
Bromoacetic acid,...	13.92	4.8	ng	294122	5	14.07	1231560	20.0