LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084140.D
Acq On : 25 Dec 2015 20:40
Operator : UM/SJ
Sample : G4920-04
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-009

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-BF122415.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	250	253	264	rBB	205631	289049	15.96%	2.113%
2	5.413	289	291	294	rBV	961191	1387914	76.65%	10.144%
3	6.453	380	382	384	rBV	1327665	1349801	74.54%	9.865%
4	6.567	390	392	395	rBV	1259549	1419640	78.40%	10.376%
5	6.796	410	412	415	rBV	350675	291885	16.12%	2.133%
6	6.956	424	426	428	rBV	1278165	1249240	68.99%	9.130%
7	7.367	459	462	464	rBV	897560	1007449	55.64%	7.363%
8	8.076	523	524	527	rBV	290475	365635	20.19%	2.672%
9	9.162	616	619	621	rBV	1854215	1810812	100.00%	13.235%
10	9.550	651	653	655	rBV	310955	306364	16.92%	2.239%
11	9.768	671	672	675	rVB	16909	18654	1.03%	0.136%
12	9.836	675	678	680	rBV	441557	423164	23.37%	3.093%
13	10.270	714	716	718	rVB	49161	37445	2.07%	0.274%
14	10.488	731	735	738	rBV	16052	28034	1.55%	0.205%
15	10.625	744	747	749	rBV	989623	960269	53.03%	7.018%
16	10.739	756	757	761	rBV	48335	60479	3.34%	0.442%
17	11.185	795	796	798	rBV2	26343	29046	1.60%	0.212%
18	11.322	805	808	810	rBV	286051	397331	21.94%	2.904%
19	12.728	929	931	933	rVB	115921	117504	6.49%	0.859%
20	12.796	936	937	940	rVB	30324	28899	1.60%	0.211%
21	12.899	944	946	948	rBV	1470146	1312891	72.50%	9.596%
22	13.425	990	992	994	rVB	100498	85954	4.75%	0.628%
23	13.802	1022	1025	1029	rBV2	40152	55096	3.04%	0.403%
24	13.951	1036	1038	1041	rBV	308183	293502	16.21%	2.145%
25	14.111	1051	1052	1055	rVB	16774	21807	1.20%	0.159%
26	14.419	1076	1079	1082	rBV	26505	27127	1.50%	0.198%
27	14.717	1102	1105	1107	rVB	18815	18860	1.04%	0.138%
28	15.368	1160	1162	1170	rVB	204850	288214	15.92%	2.107%

Sum of corrected areas: 13682065

LSC Report - Integrated Chromatogram

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Operator : UM/SJ
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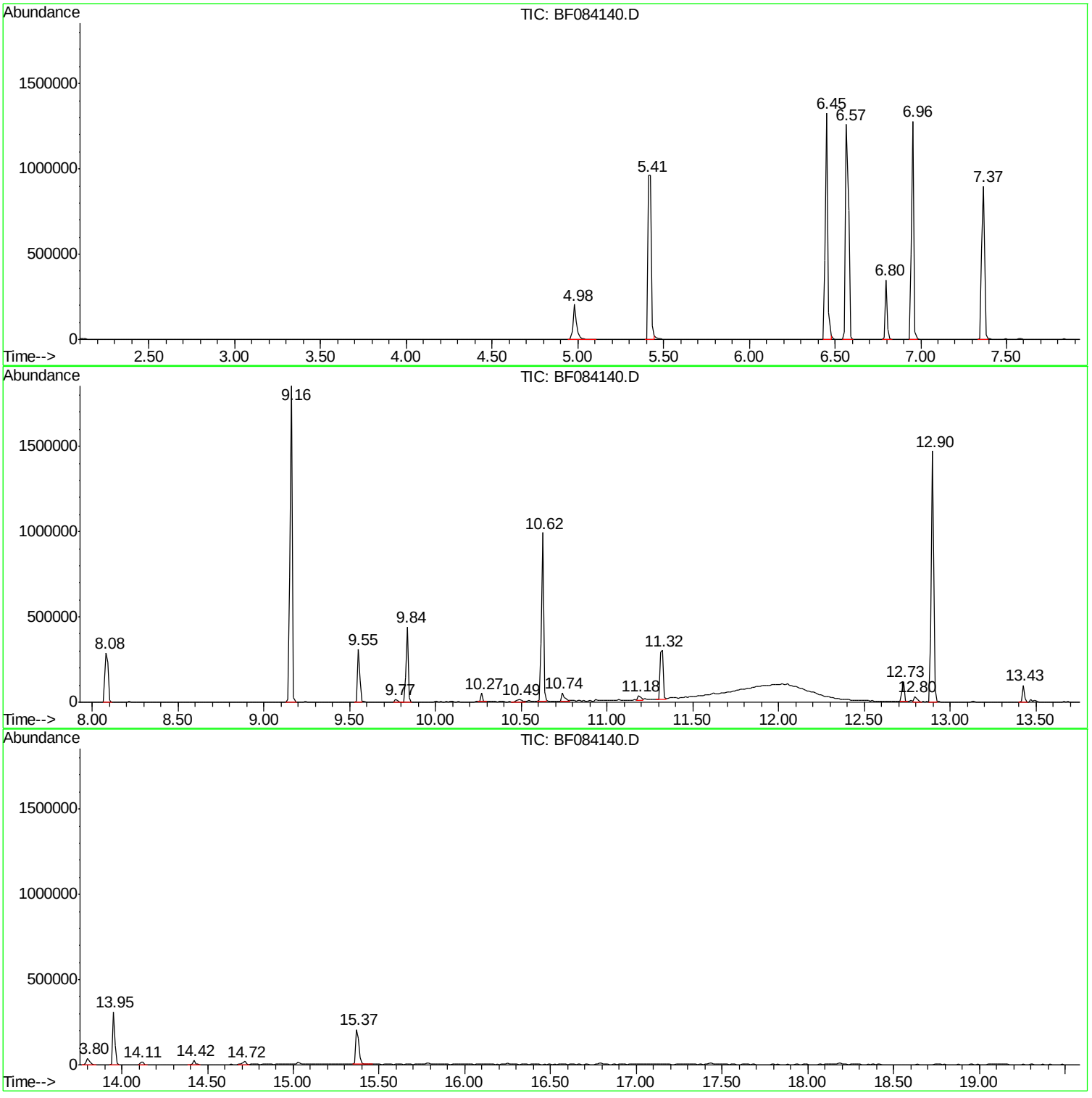
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-009

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.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\BF122515\
Data File : BF084140.D
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Operator : UM/SJ
Sample : G4920-04
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-009

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

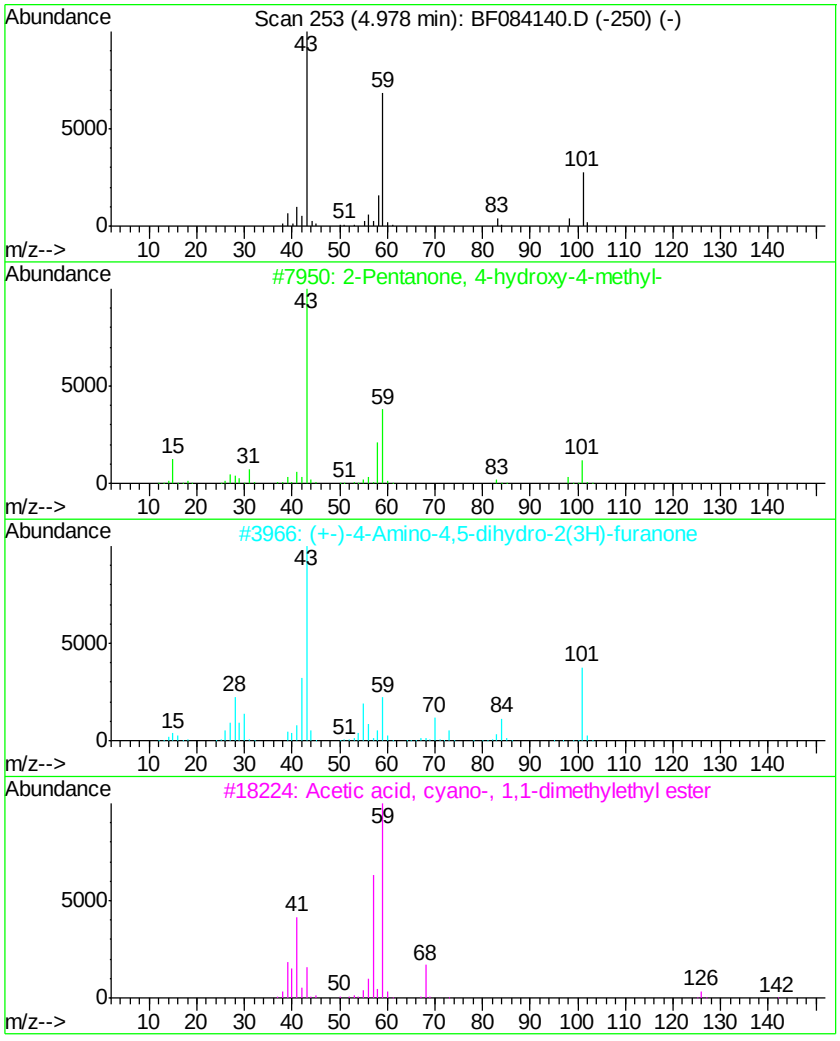
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

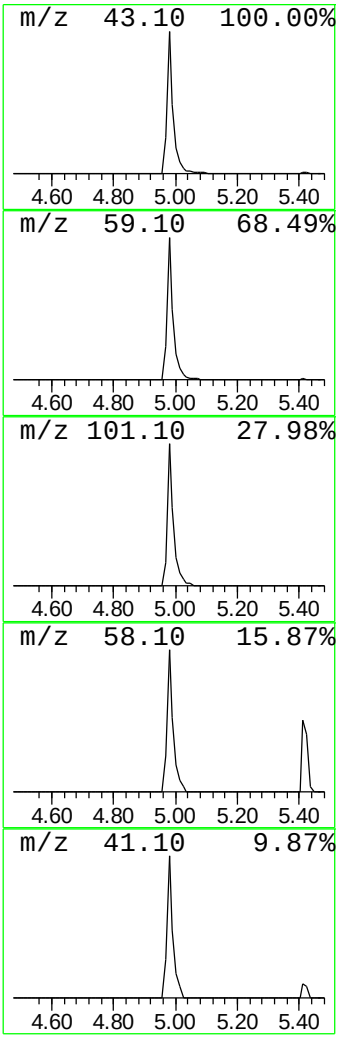
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	19.81 ng	289049	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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Data File : BF084140.D
Acq On : 25 Dec 2015 20:40
Operator : UM/SJ
Sample : G4920-04
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-009

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.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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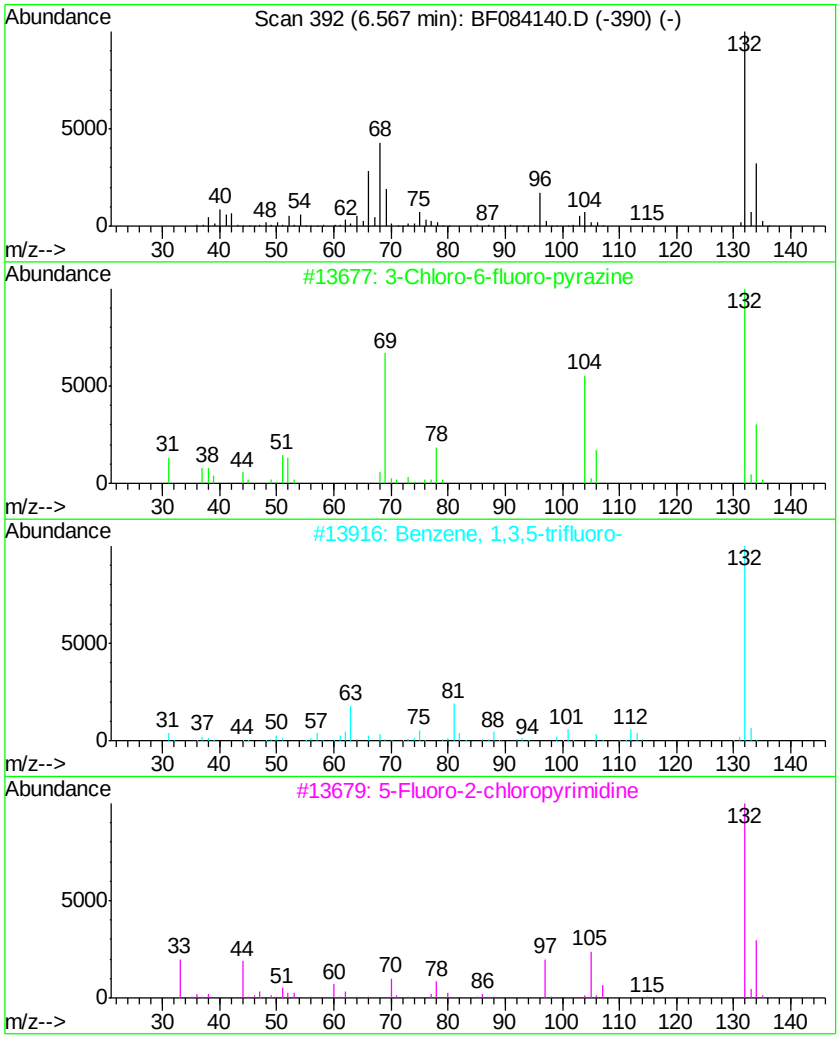
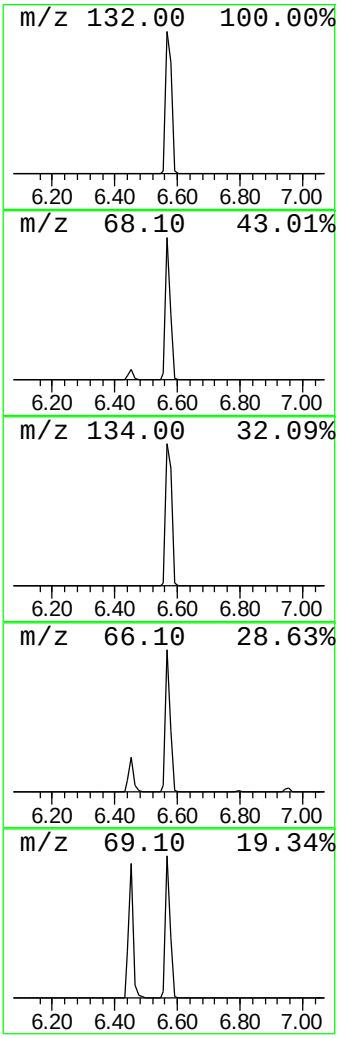
Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	97.27 ng	1419640	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	14
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Data File : BF084140.D
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Operator : UM/SJ
Sample : G4920-04
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-009

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
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TIC Library : C:\DATABASE\NIST02.L
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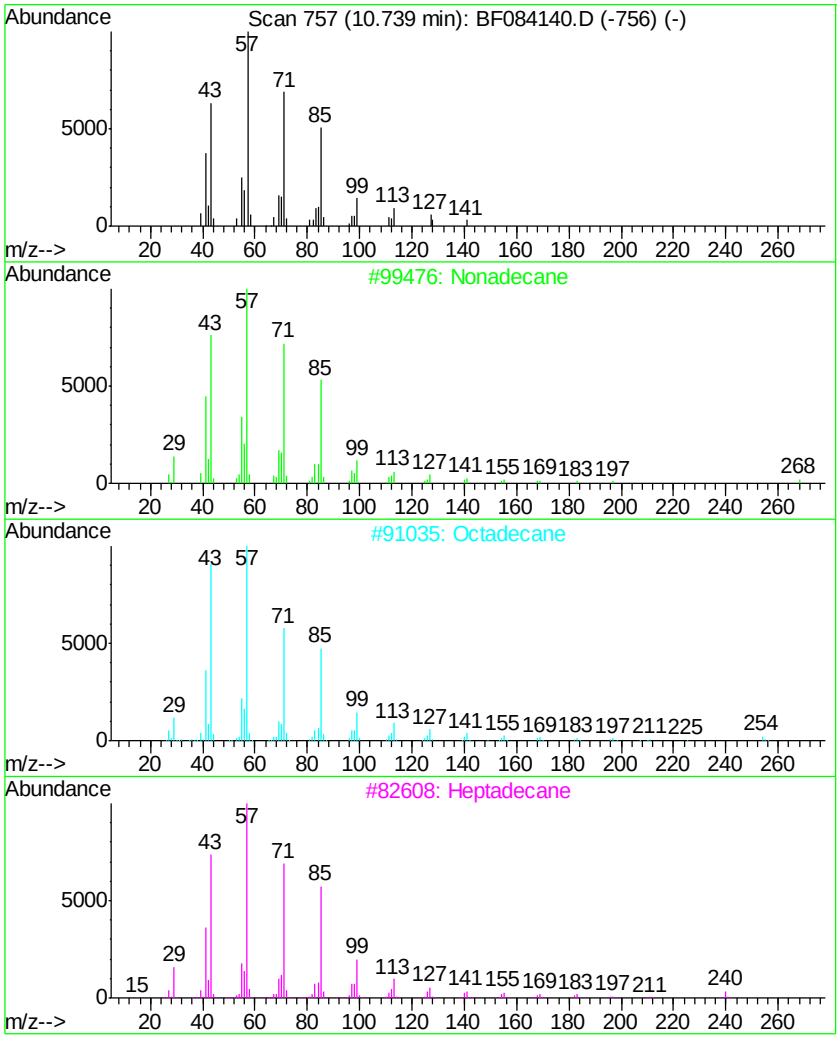
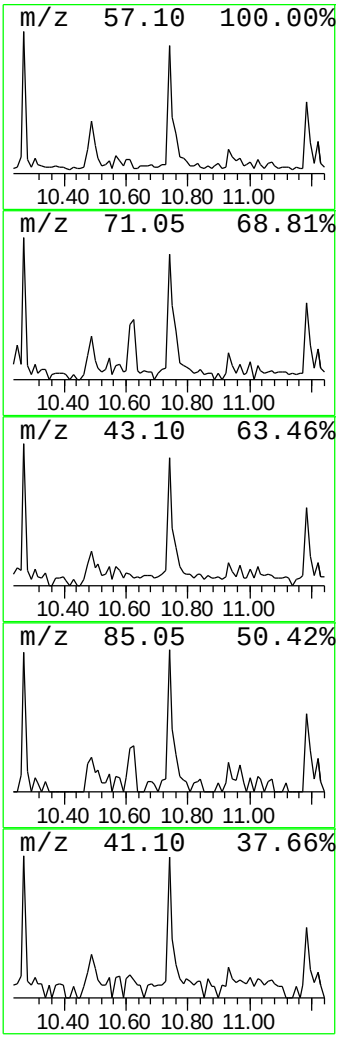
Peak Number 4 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	3.04 ng	60479	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tritetracontane	605	C43H88	007098-21-7	90
5	Hexatriacontane	507	C36H74	000630-06-8	90





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Operator : UM/SJ
Sample : G4920-04
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-009

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
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TIC Library : C:\DATABASE\NIST02.L
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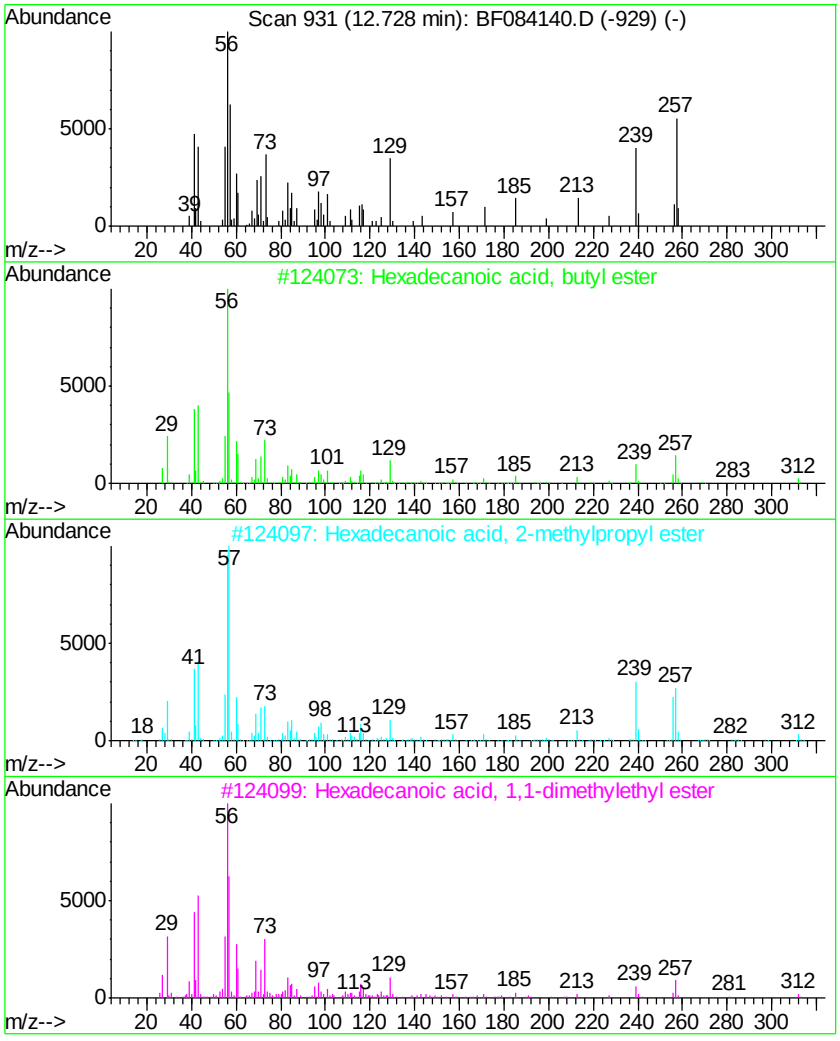
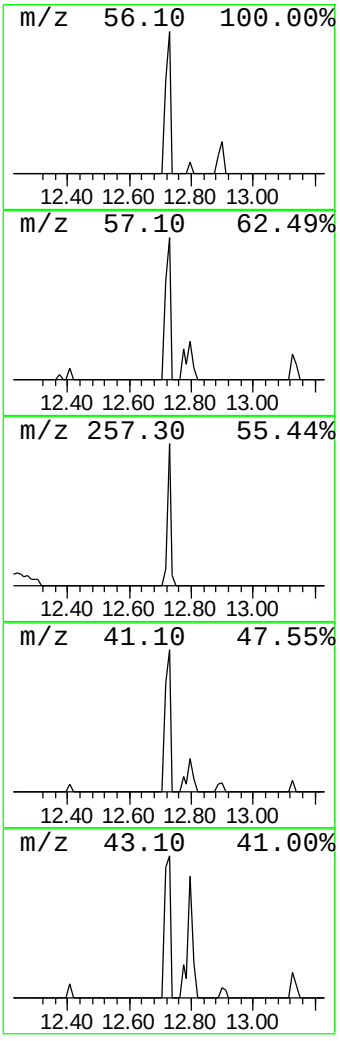
Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	8.01 ng	117504	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	86
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	59
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	43
4	Nordextromethorphan	257	C17H23NO	051195-74-5	37
5	Benz[c]acridine, 5,9-dimethyl-	257	C19H15N	003518-03-4	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
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Operator : UM/SJ
Sample : G4920-04
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-009

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

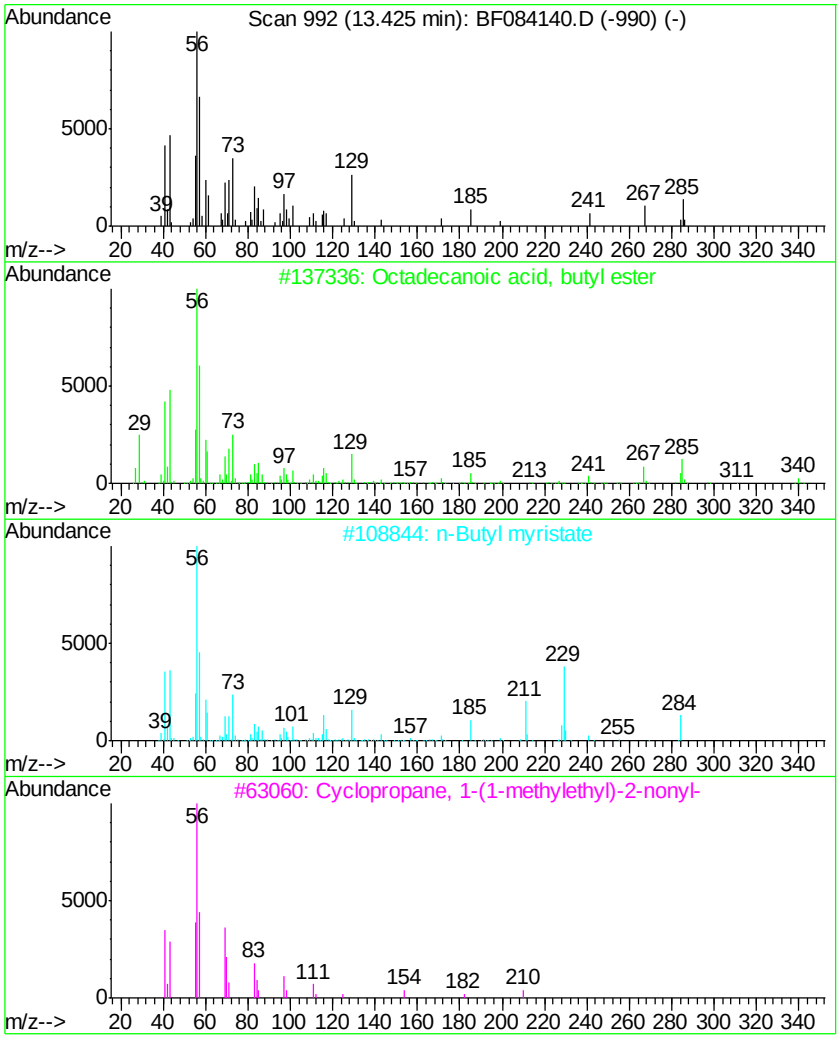
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

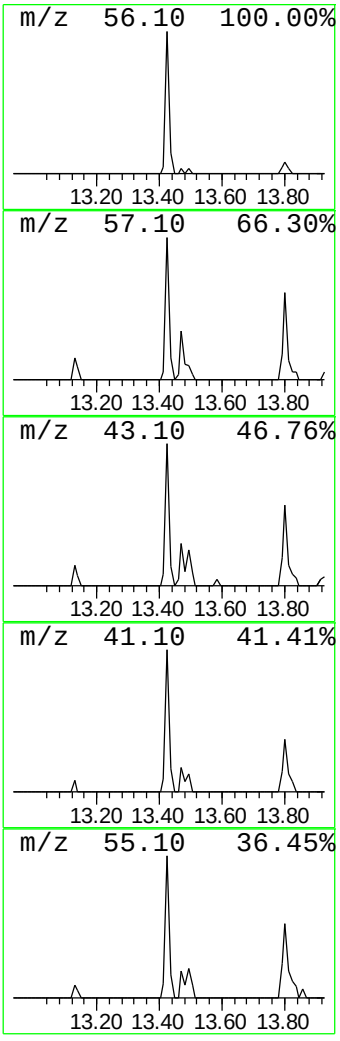
****

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	5.86 ng	85954	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2	n-Butyl myristate	284	C18H36O2	000110-36-1	64
3	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	38
4	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	38
5	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	38





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Sample : G4920-04
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-009

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

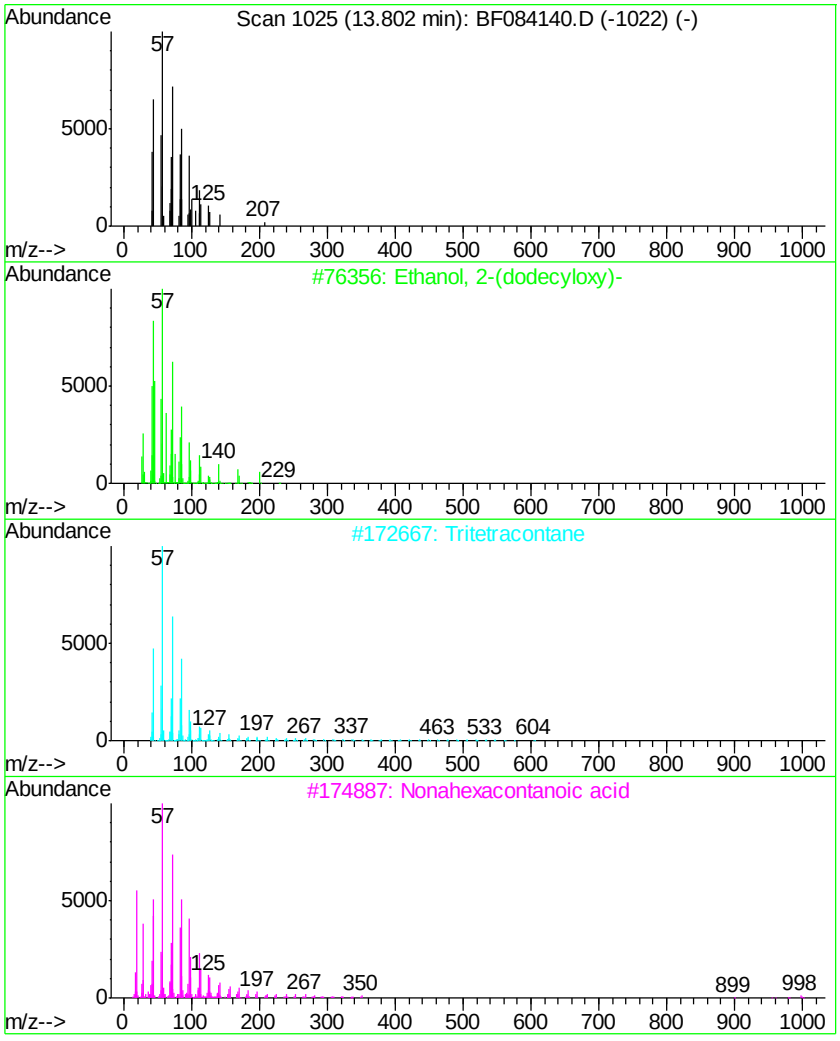
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

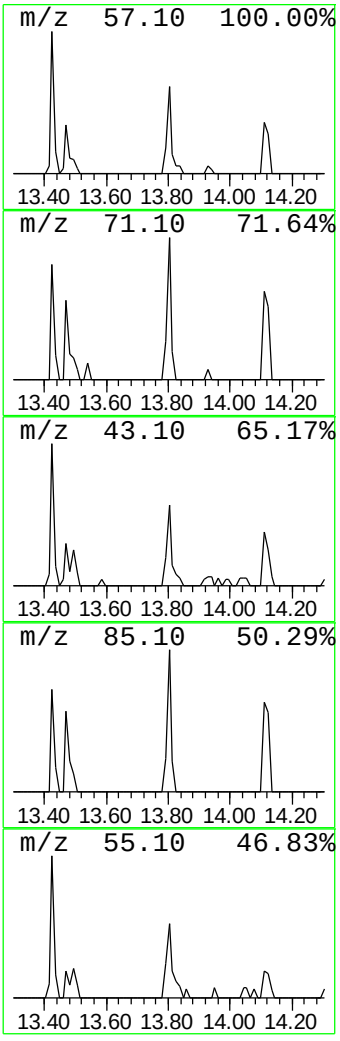
****

Peak Number 7 Ethanol, 2-(dodecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.75 ng	55096	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	72
2	Tritetracontane	605	C43H88	007098-21-7	72
3	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	64
4	Nonadecane	268	C19H40	000629-92-5	58
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	53





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	4.98	19.8	ng	289049	1	6.80	291885	20.0
unknown6.57	6.57	97.3	ng	1419640	1	6.80	291885	20.0
Nonadecane	10.74	3.0	ng	60479	4	11.32	397331	20.0
Hexadecanoic acid...	12.73	8.0	ng	117504	5	13.95	293502	20.0
Octadecanoic acid...	13.43	5.9	ng	85954	5	13.95	293502	20.0
Ethanol, 2-(dodec...	13.80	3.8	ng	55096	5	13.95	293502	20.0