LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077648.D
Acq On : 9 Mar 2015 20:01
Operator : TP/IZ
Sample : G1453-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP2

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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	1.344	38	40	43	rBV	4283556	5017158	100.00%	23.107%
2	1.470	48	51	60	rVB2	102229	197824	3.94%	0.911%
3	1.641	64	66	69	rVB	55691	67720	1.35%	0.312%
4	1.801	78	80	103	rVB	232685	418436	8.34%	1.927%
5	4.956	354	356	363	rVB	134440	156643	3.12%	0.721%
6	5.482	400	402	405	rVB	919886	948834	18.91%	4.370%
7	6.750	511	513	516	rBV	691248	992174	19.78%	4.570%
8	6.899	524	526	529	rVB	1067137	1039604	20.72%	4.788%
9	7.196	549	552	554	rBV	294500	360753	7.19%	1.661%
10	7.379	565	568	570	rBV	890880	814180	16.23%	3.750%
11	7.882	610	612	615	rBV	617592	541692	10.80%	2.495%
12	8.773	687	690	691	rBV	315913	425884	8.49%	1.961%
13	10.111	805	807	810	rBV	960696	1014304	20.22%	4.671%
14	10.934	877	879	882	rBV	376588	481273	9.59%	2.217%
15	11.608	936	938	941	rVB2	34119	50348	1.00%	0.232%
16	11.916	962	965	968	rBV	673805	710891	14.17%	3.274%
17	12.774	1038	1040	1042	rBV	518914	614512	12.25%	2.830%
18	12.808	1042	1043	1045	rVV	336590	245031	4.88%	1.129%
19	12.865	1045	1048	1050	rVB	77188	83490	1.66%	0.385%
20	13.402	1093	1095	1097	rBV	45173	50185	1.00%	0.231%
21	13.437	1097	1098	1100	rVB	58508	56552	1.13%	0.260%
22	13.539	1105	1107	1108	rBV	78027	92167	1.84%	0.424%
23	13.780	1126	1128	1133	rBV3	33520	56574	1.13%	0.261%
24	14.282	1169	1172	1174	rBV	547244	551570	10.99%	2.540%
25	14.362	1176	1179	1181	rVB	50575	61173	1.22%	0.282%
26	14.557	1193	1196	1198	rBV	497065	562477	11.21%	2.591%
27	14.774	1212	1215	1217	rBV	1211488	1220476	24.33%	5.621%
28	14.842	1217	1221	1223	rVV2	32511	56042	1.12%	0.258%
29	14.980	1231	1233	1235	rVB	60156	63448	1.26%	0.292%
30	15.105	1242	1244	1246	rBV	54164	64068	1.28%	0.295%
31	15.540	1279	1282	1285	rVV3	61440	85268	1.70%	0.393%
32	15.608	1285	1288	1292	rVV2	36439	58230	1.16%	0.268%
33	15.791	1302	1304	1307	rVV3	39569	67103	1.34%	0.309%
34	15.951	1316	1318	1323	rBV2	81184	139352	2.78%	0.642%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077648.D
Acq On : 9 Mar 2015 20:01
Operator : TP/IZ
Sample : G1453-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP2

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.065	1325	1328	1330	rVV2	553378	995362	19.84%	4.584%
36	16.100	1330	1331	1333	rVV	195059	236325	4.71%	1.088%
37	16.385	1354	1356	1360	rVB4	23013	51550	1.03%	0.237%
38	16.500	1362	1366	1368	rBV4	22254	56048	1.12%	0.258%
39	16.580	1371	1373	1375	rVB	40852	65085	1.30%	0.300%
40	16.751	1385	1388	1391	rBV2	93617	174735	3.48%	0.805%
41	17.403	1442	1445	1450	rBV	215955	498819	9.94%	2.297%
42	17.517	1453	1455	1458	rVB	39976	68026	1.36%	0.313%
43	17.734	1471	1474	1477	rBV	134729	182091	3.63%	0.839%
44	17.791	1477	1479	1482	rBV	200034	259712	5.18%	1.196%
45	17.860	1482	1485	1487	rBV	503127	684957	13.65%	3.155%
46	18.020	1497	1499	1505	rBV7	20669	63252	1.26%	0.291%
47	18.409	1531	1533	1536	rBV4	20282	52538	1.05%	0.242%
48	18.706	1555	1559	1569	rVB6	85392	394327	7.86%	1.816%
49	18.991	1581	1584	1590	rVB5	51511	123308	2.46%	0.568%
50	19.129	1593	1596	1601	rVB3	24563	55160	1.10%	0.254%
51	19.277	1607	1609	1615	rVB2	93532	198609	3.96%	0.915%
52	19.689	1642	1645	1652	rVB	77646	187458	3.74%	0.863%

Sum of corrected areas: 21712798

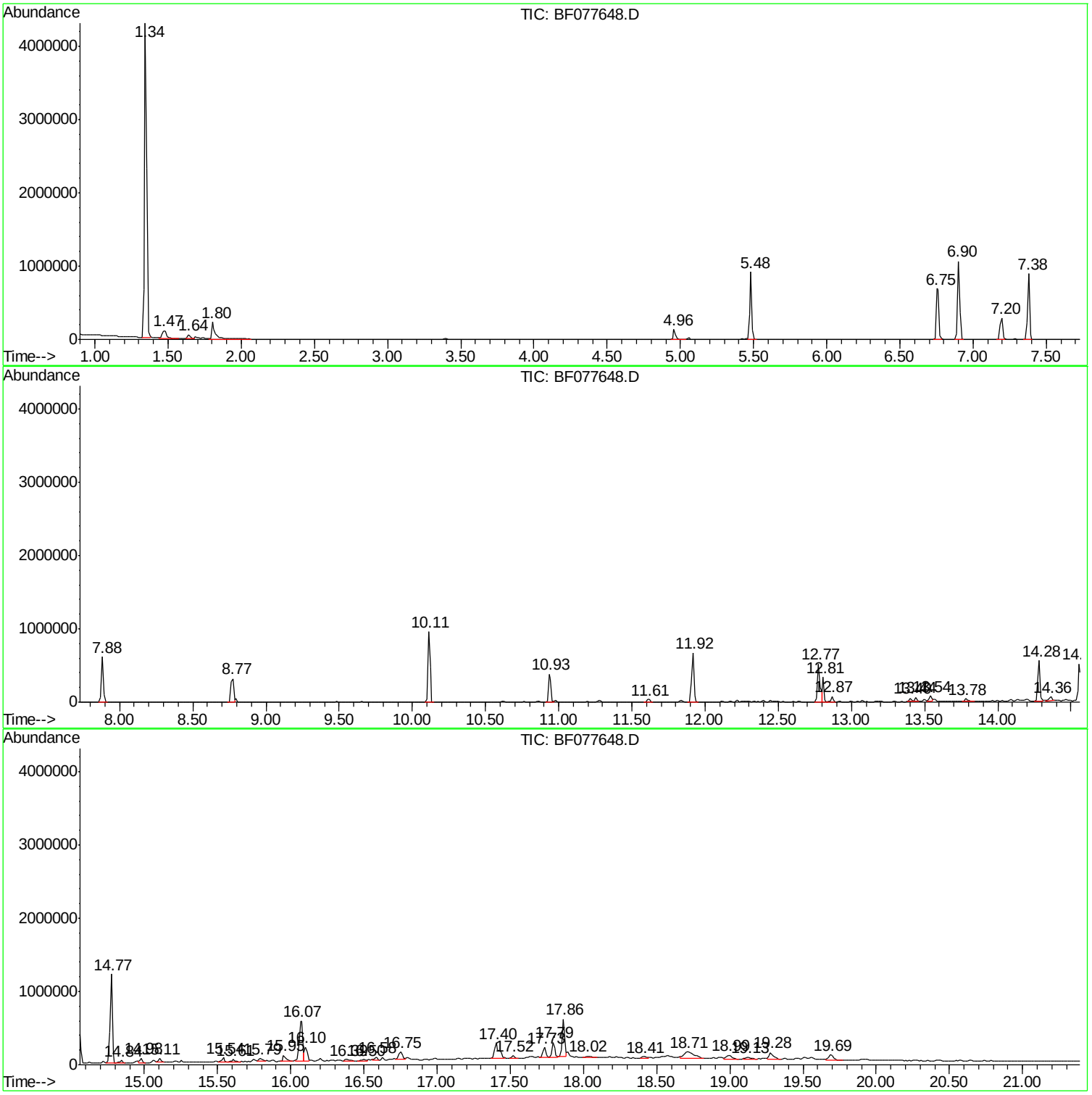
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077648.D
Acq On : 9 Mar 2015 20:01
Operator : TP/IZ
Sample : G1453-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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\BF030915\
Data File : BF077648.D
Acq On : 9 Mar 2015 20:01
Operator : TP/IZ
Sample : G1453-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

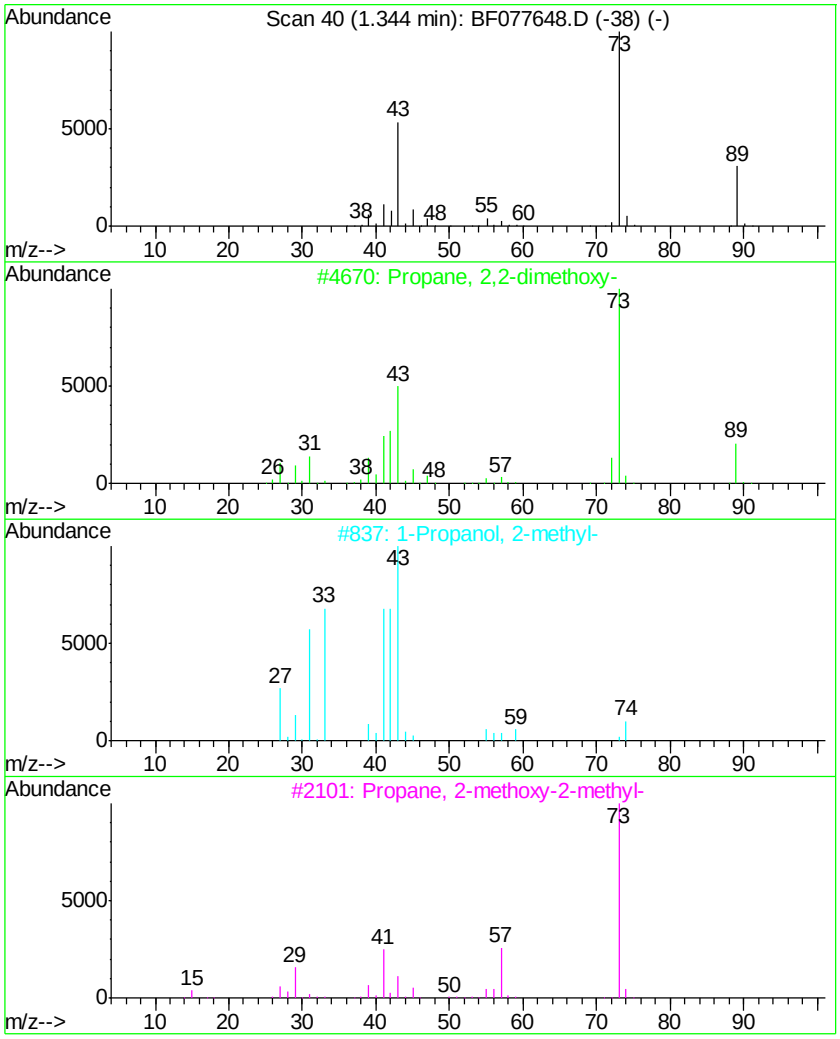
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

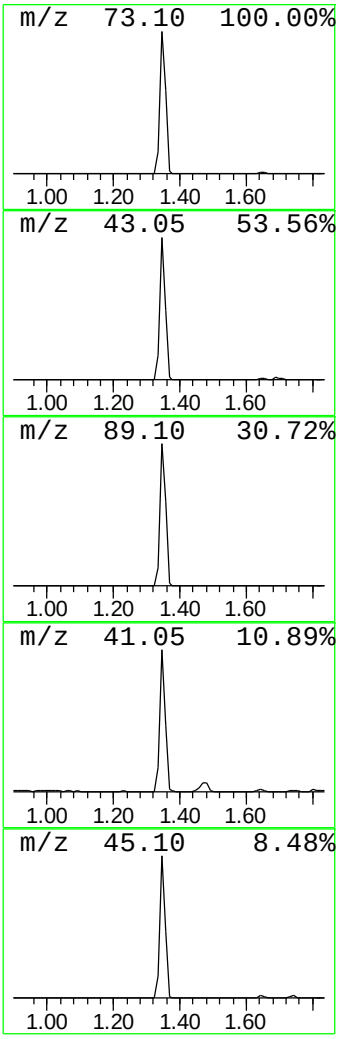
****

Peak Number 1 unknown1.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.34	278.15 ng	5017160	1,4-Dichlorobenzene-d4	7.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077648.D
Acq On : 9 Mar 2015 20:01
Operator : TP/IZ
Sample : G1453-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

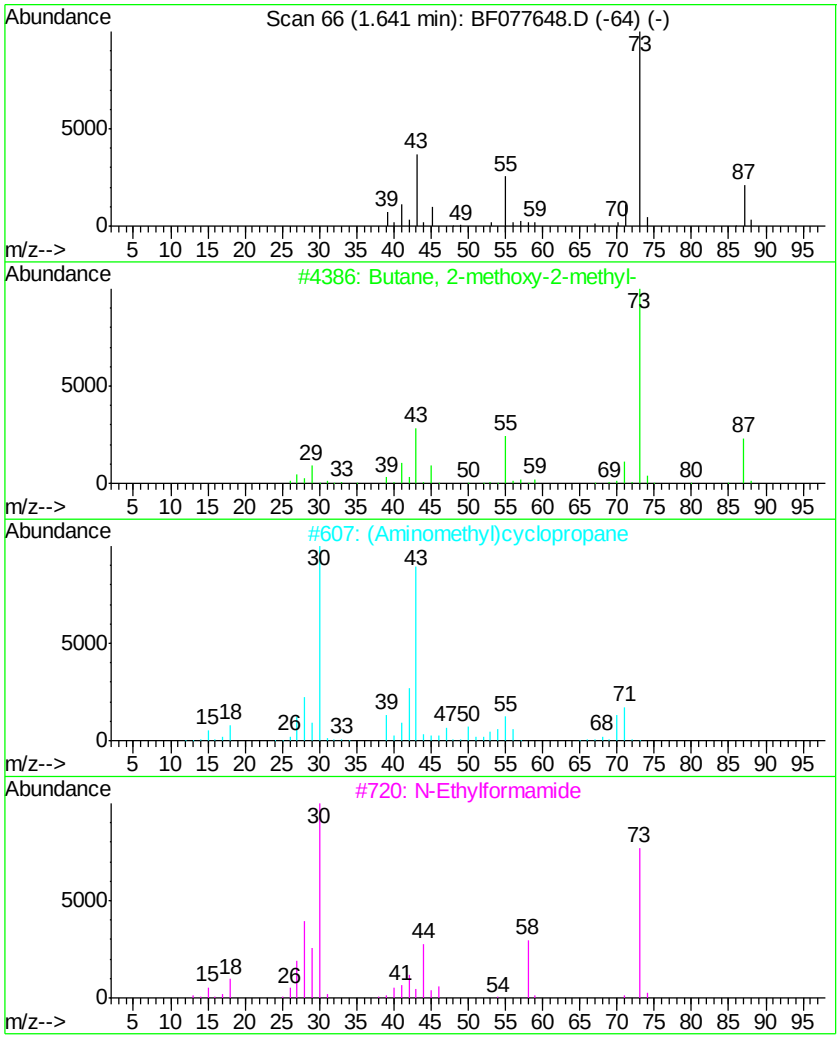
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

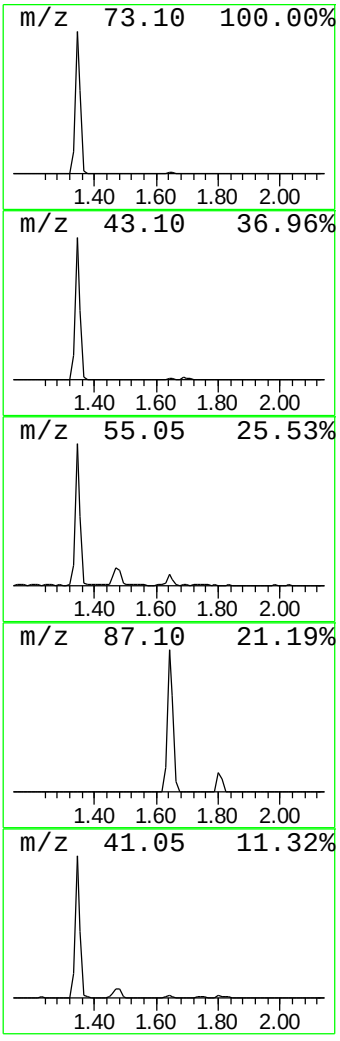
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.64	3.75 ng	67720	1,4-Dichlorobenzene-d4	7.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077648.D
Acq On : 9 Mar 2015 20:01
Operator : TP/IZ
Sample : G1453-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

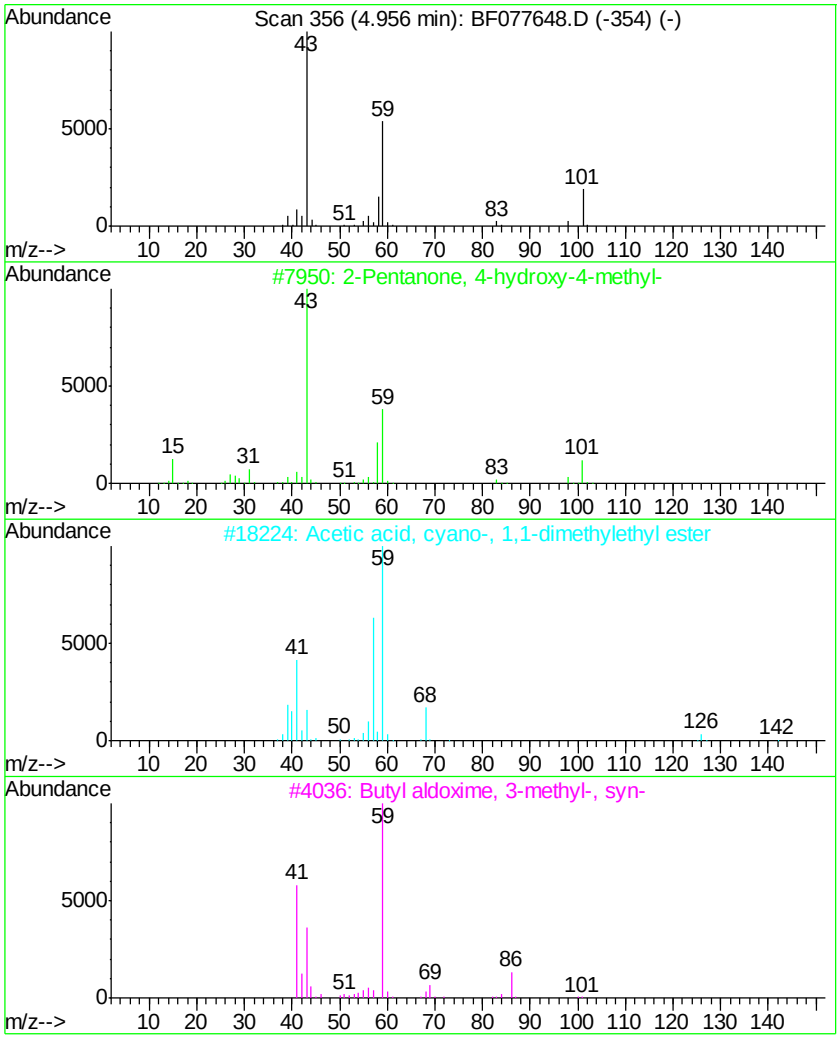
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

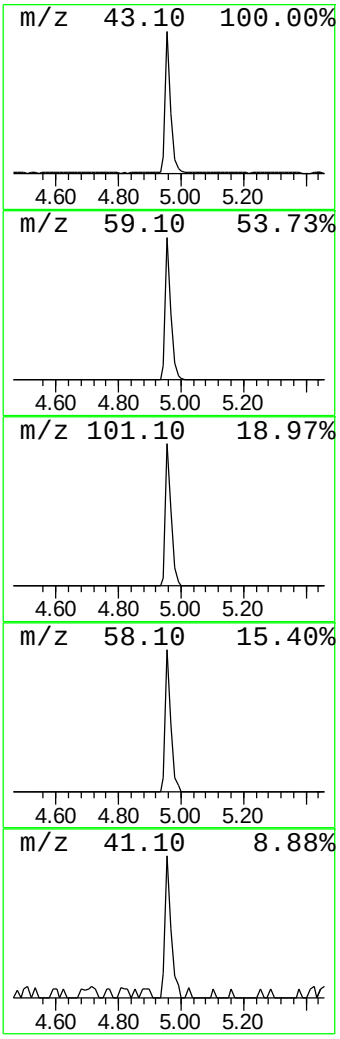
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	8.68 ng	156643	1,4-Dichlorobenzene-d4	7.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077648.D
Acq On : 9 Mar 2015 20:01
Operator : TP/IZ
Sample : G1453-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

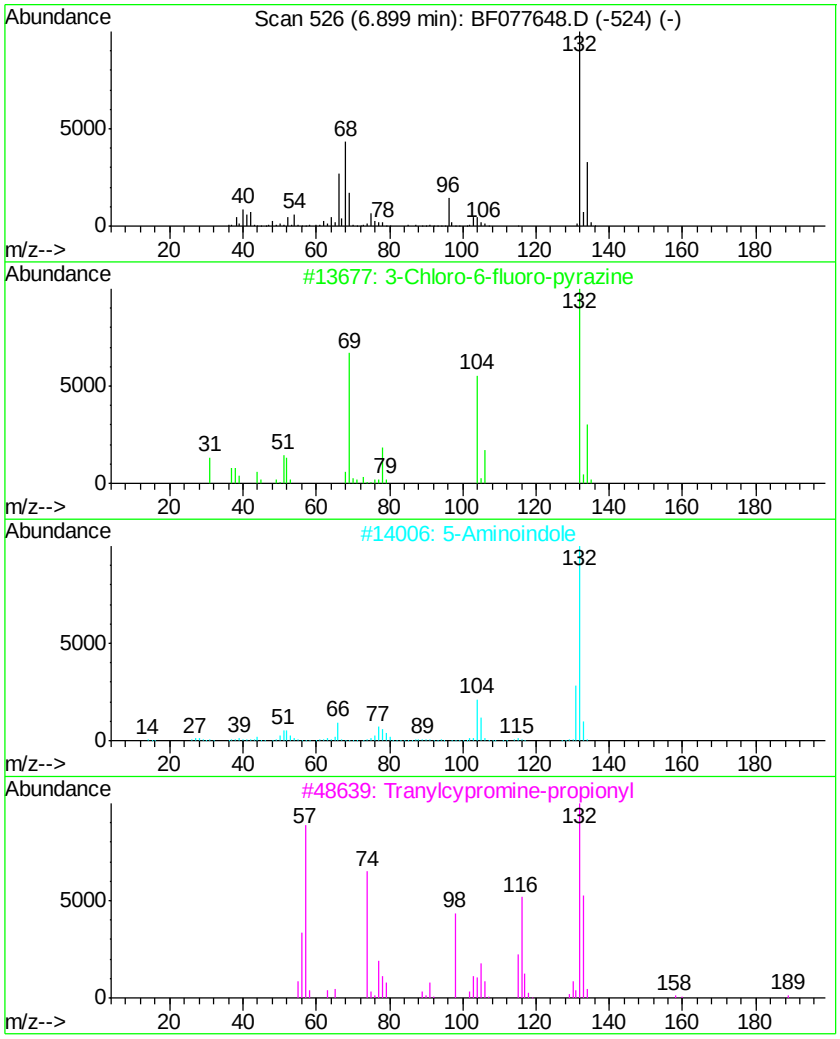
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

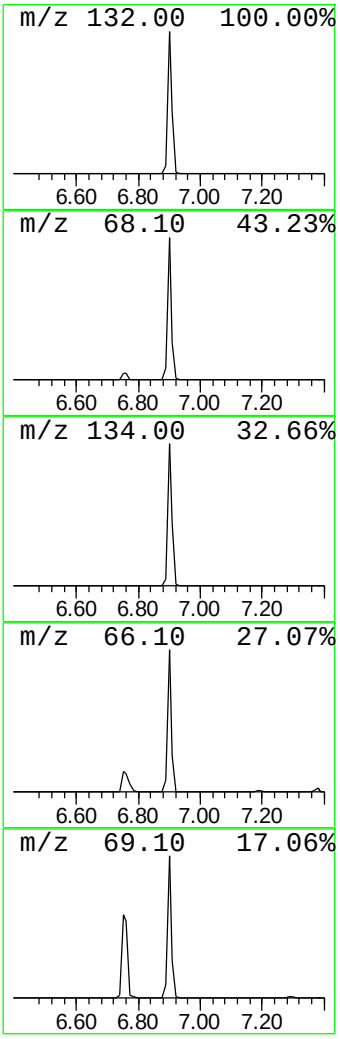
****

Peak Number 6 unknown6.90 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	57.64 ng	1039600	1,4-Dichlorobenzene-d4	7.19

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077648.D
Acq On : 9 Mar 2015 20:01
Operator : TP/IZ
Sample : G1453-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

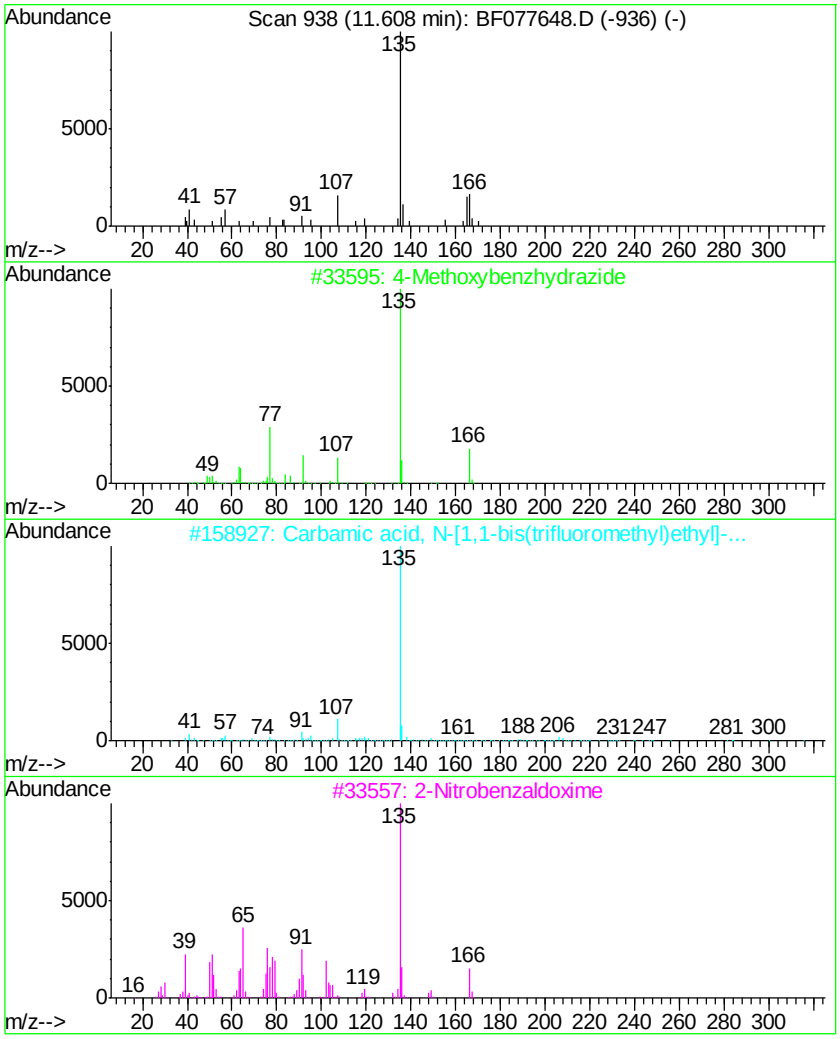
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

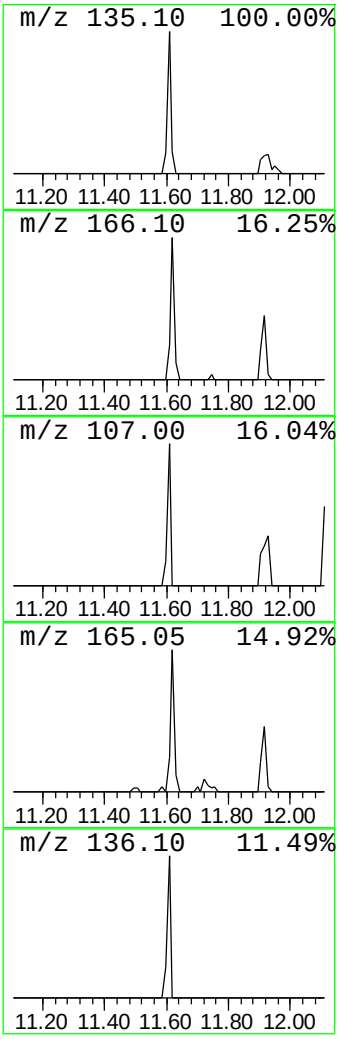
****

Peak Number 8 4-Methoxybenzhydrazide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.09 ng	50348	Acenaphthene-d10	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methoxybenzhydrazide	166	C8H10N2O2	003290-99-1	64
2	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	59
3	2-Nitrobenzaldoxime	166	C7H6N2O3	006635-41-2	59
4	N-(2-Ethyl-3-hydroxy-6-methyl-4-...	314	C19H26N2O2	1000260-99-4	50
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077648.D
Acq On : 9 Mar 2015 20:01
Operator : TP/IZ
Sample : G1453-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

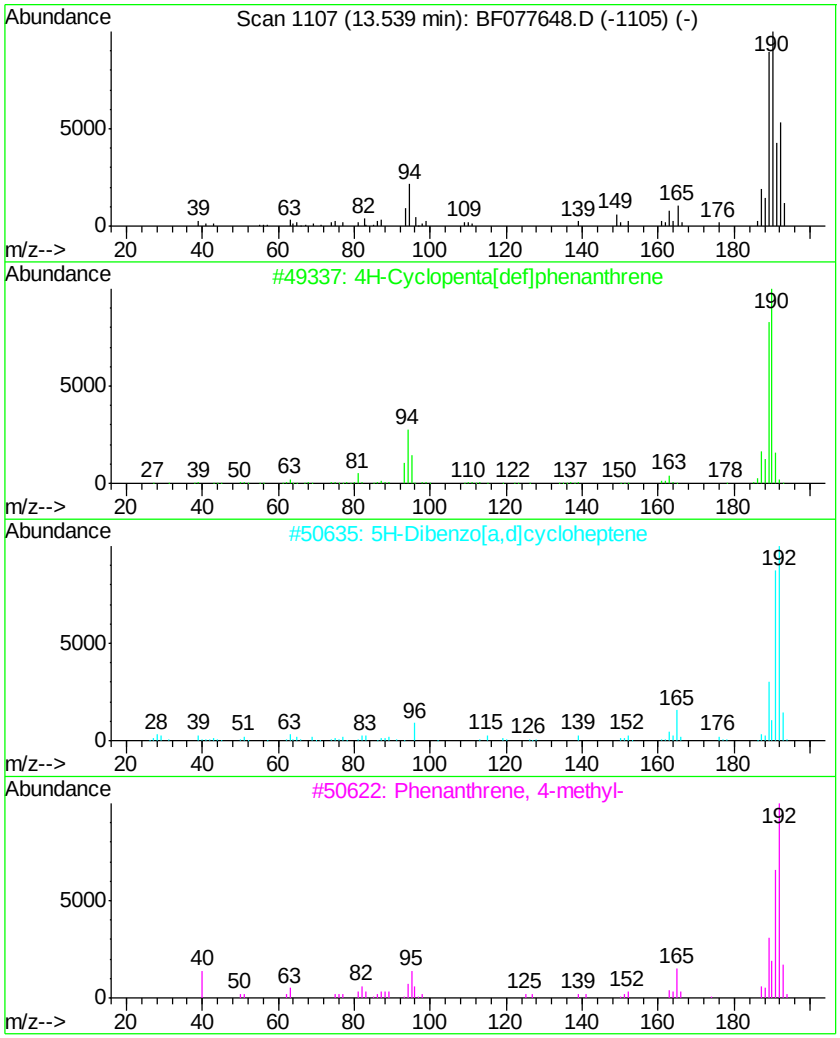
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

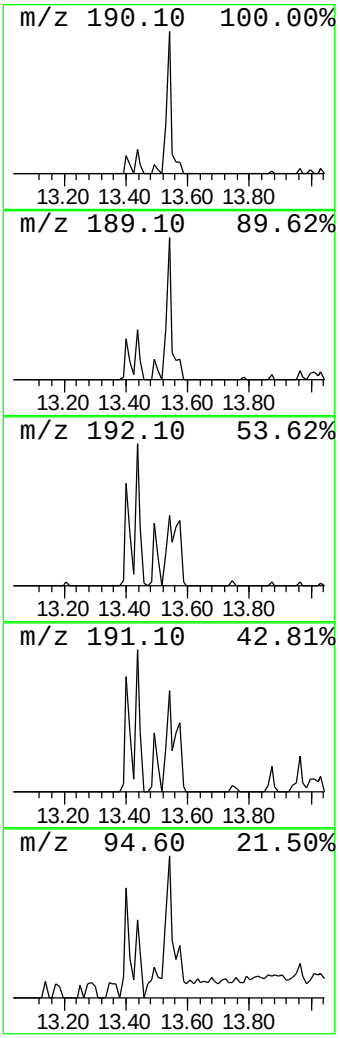
****

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	3.00 ng	92167	Phenanthrene-d10	12.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077648.D
Acq On : 9 Mar 2015 20:01
Operator : TP/IZ
Sample : G1453-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

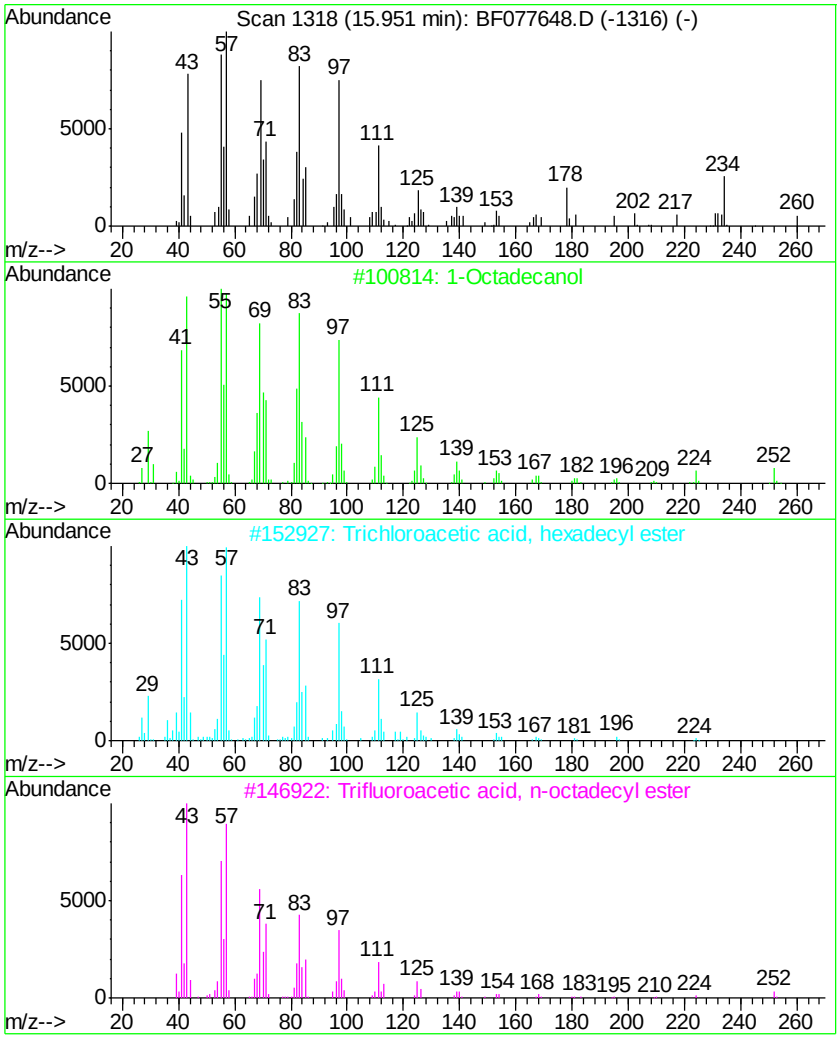
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

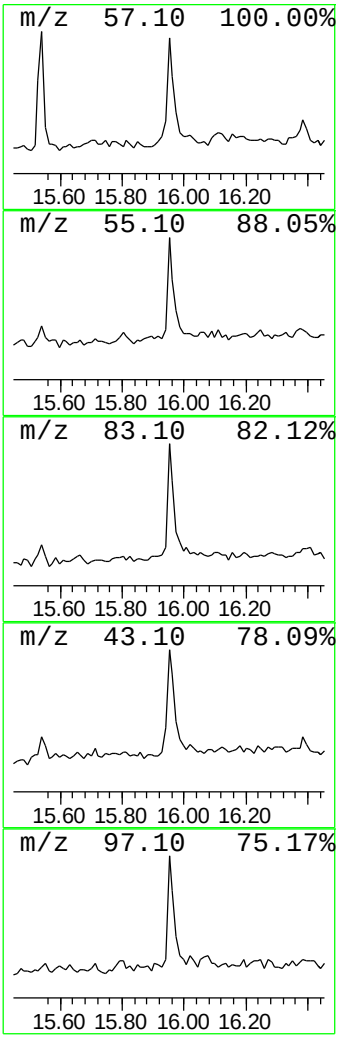
****

Peak Number 10 1-Octadecanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.80 ng	139352	Chrysene-d12	16.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077648.D
Acq On : 9 Mar 2015 20:01
Operator : TP/IZ
Sample : G1453-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

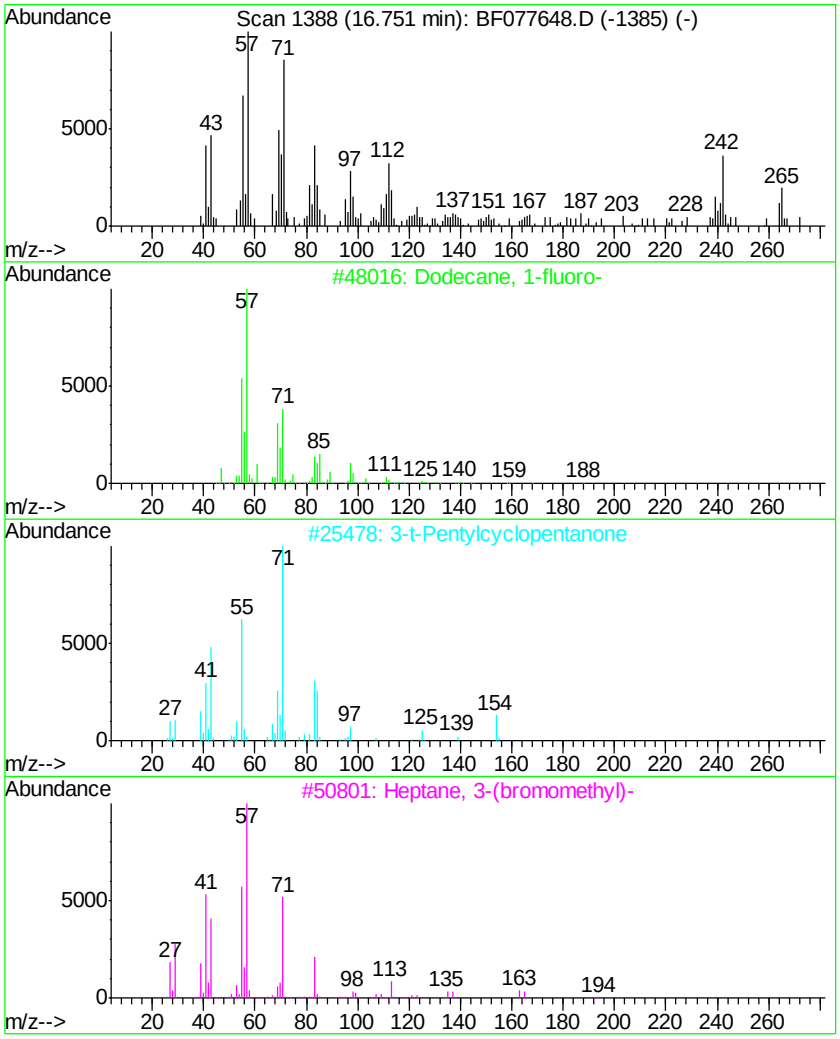
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

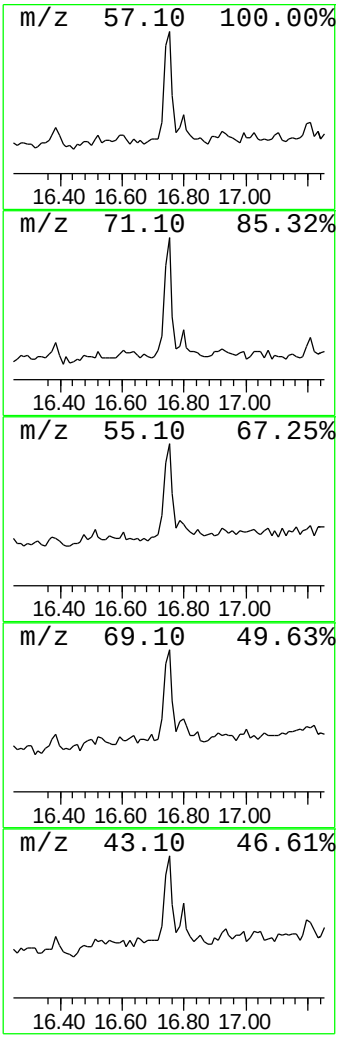
****

Peak Number 11 Dodecane, 1-fluoro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	3.51 ng	174735	Chrysene-d12	16.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	50
2	3-t-Pentylcyclopentanone	154	C10H18O	1000114-66-3	38
3	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	38
4	1-Nonadecene	266	C19H38	018435-45-5	38
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077648.D
Acq On : 9 Mar 2015 20:01
Operator : TP/IZ
Sample : G1453-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

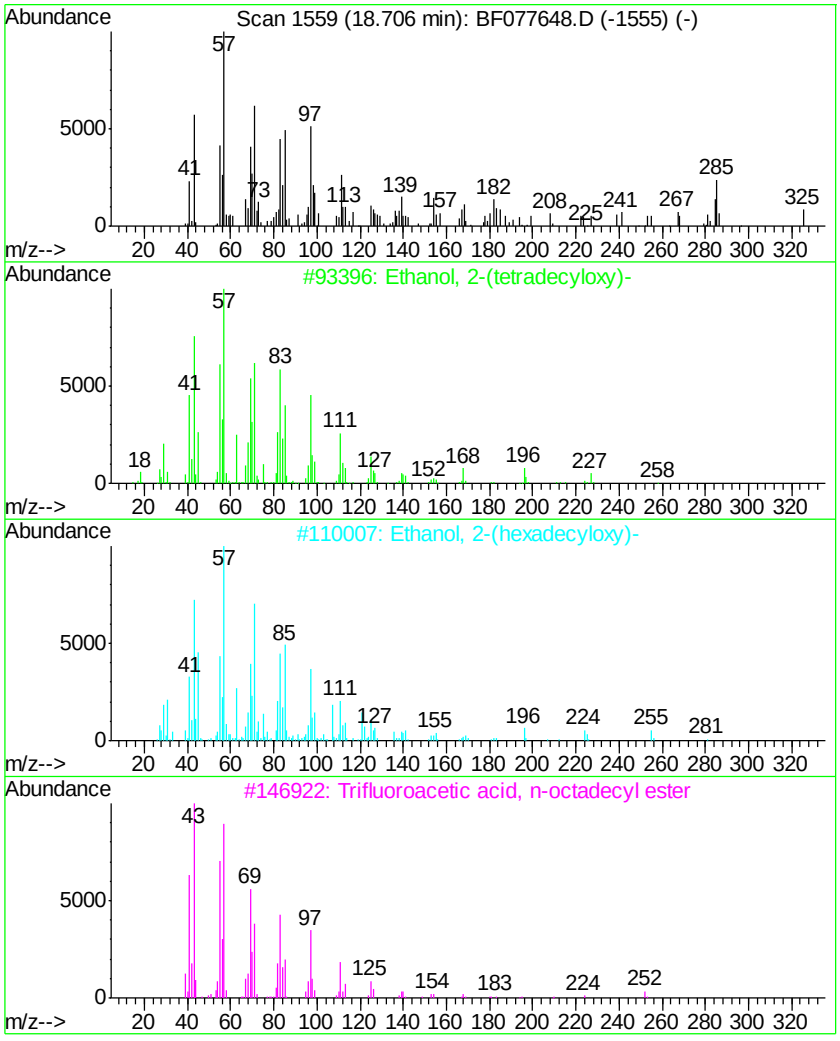
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

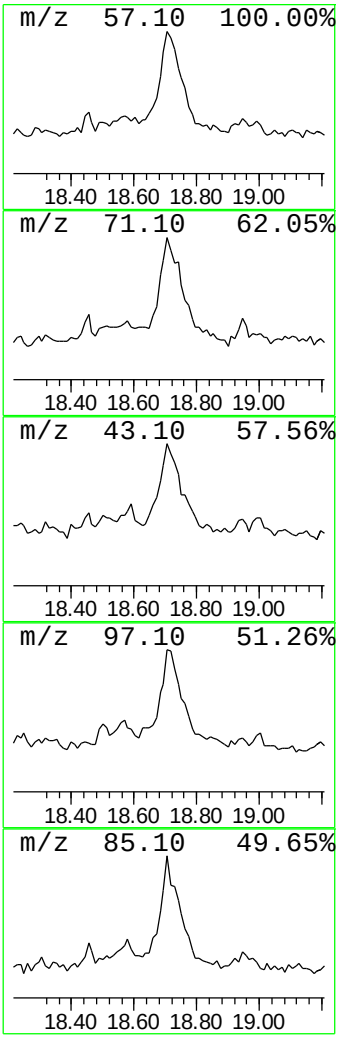
****

Peak Number 13 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	11.51 ng	394327	Perylene-d12	17.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	64
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	64
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	64
4	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	59
5	Tridecane, 4-cyclohexyl-	266	C19H38	013151-89-8	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077648.D
Acq On : 9 Mar 2015 20:01
Operator : TP/IZ
Sample : G1453-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

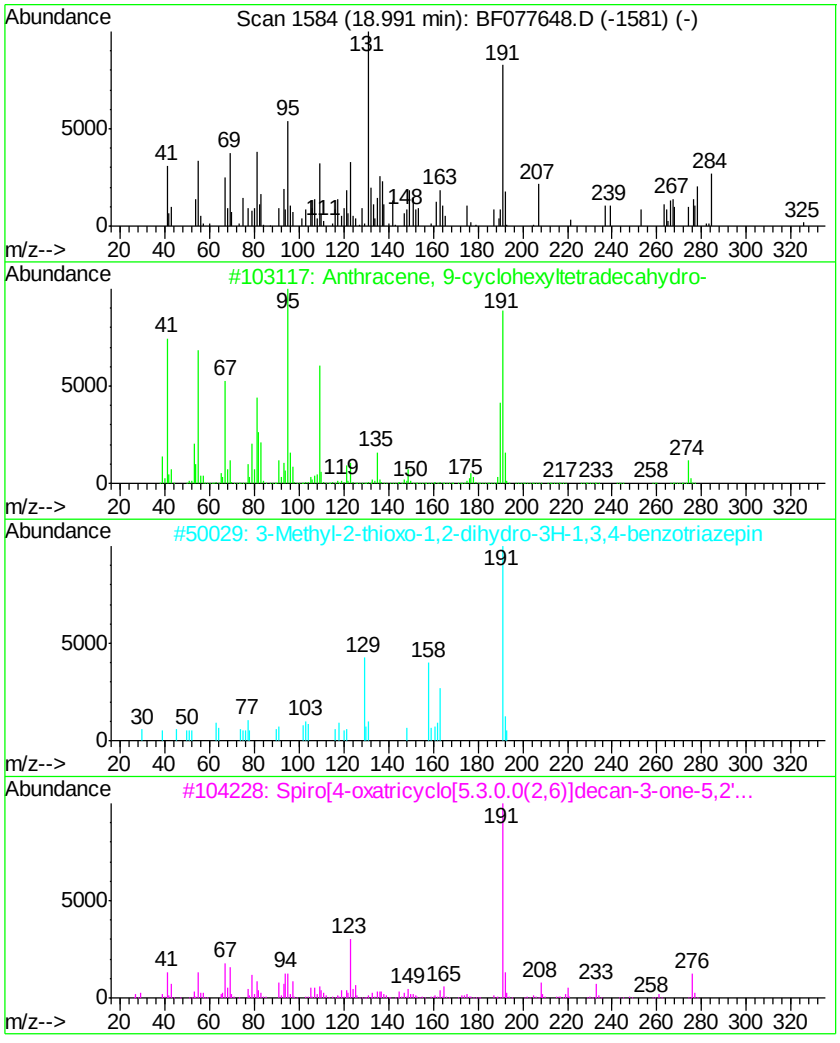
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

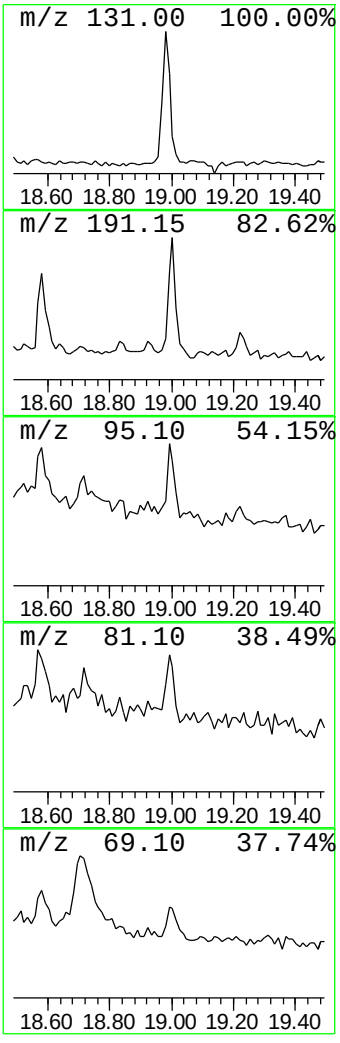
****

Peak Number 14 unknown18.99 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	3.60 ng	123308	Perylene-d12	17.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	46
2	3-Methyl-2-thioxo-1,2-dihydro-3H...	191	C9H9N3S	121361-81-7	14
3	Spiro[4-oxatricyclo[5.3.0.0(2,6)...	276	C18H28O2	1000156-82-9	14
4	3-Methylthio-2-quinoxalinamine	191	C9H9N3S	090349-86-3	14
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030915\
Data File : BF077648.D
Acq On : 9 Mar 2015 20:01
Operator : TP/IZ
Sample : G1453-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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
unknown1.34	1.34	278.1	ng	5017160	1	7.19	360753	20.0
Butane, 2-methoxy...	1.64	3.8	ng	67720	1	7.19	360753	20.0
2-Pentanone, 4-hy...	4.96	8.7	ng	156643	1	7.19	360753	20.0
unknown6.90	6.90	57.6	ng	1039600	1	7.19	360753	20.0
4-Methoxybenzhydr...	11.61	2.1	ng	50348	3	10.94	481273	20.0
4H-Cyclopenta[def...	13.54	3.0	ng	92167	4	12.78	614512	20.0
1-Octadecanol	15.95	2.8	ng	139352	5	16.07	995362	20.0
Dodecane, 1-fluoro-	16.75	3.5	ng	174735	5	16.07	995362	20.0
Ethanol, 2-(tetra...	18.71	11.5	ng	394327	6	17.87	684957	20.0
unknown18.99	18.99	3.6	ng	123308	6	17.87	684957	20.0