LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022940.D
Acq On : 8 Jul 2016 21:25
Operator : UM/SJ
Sample : H3859-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

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_G\METHODS\8270-BG070816.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	5.223	401	406	413	rBV	143376	222872	2.23%	0.410%
2	5.699	480	487	499	rBV	1151413	1869568	18.73%	3.436%
3	7.309	753	761	774	rBV	854503	1534619	15.38%	2.820%
4	7.685	817	825	837	rVB	2015708	3564613	35.72%	6.551%
5	8.149	893	904	912	rBV	426889	798710	8.00%	1.468%
6	8.478	950	960	971	rBV	1612449	2850212	28.56%	5.238%
7	9.324	1097	1104	1112	rBV	1621887	2927790	29.34%	5.380%
8	10.681	1325	1335	1342	rBV8	79008	240585	2.41%	0.442%
9	10.981	1377	1386	1395	rBV	666881	1257419	12.60%	2.311%
10	11.087	1399	1404	1412	rVB9	50234	115471	1.16%	0.212%
11	11.686	1500	1506	1513	rVB5	53402	116830	1.17%	0.215%
12	11.821	1524	1529	1535	rVB8	76748	137048	1.37%	0.252%
13	12.021	1555	1563	1572	rBV7	75157	182907	1.83%	0.336%
14	12.514	1642	1647	1649	rBV5	72479	112423	1.13%	0.207%
15	12.585	1655	1659	1662	rBV5	62224	111519	1.12%	0.205%
16	12.714	1673	1681	1690	rBV5	85798	262845	2.63%	0.483%
17	12.896	1706	1712	1714	rBV6	112449	234128	2.35%	0.430%
18	13.073	1735	1742	1745	rBV7	84738	185625	1.86%	0.341%
19	13.190	1757	1762	1768	rBV6	84236	149720	1.50%	0.275%
20	13.308	1776	1782	1791	rVB10	85647	247194	2.48%	0.454%
21	13.419	1791	1801	1807	rBV	4384994	7053024	70.67%	12.962%
22	13.736	1851	1855	1858	rBV4	75721	140316	1.41%	0.258%
23	13.807	1863	1867	1872	rVB5	115923	174925	1.75%	0.321%
24	13.901	1879	1883	1887	rVV4	118088	168647	1.69%	0.310%
25	13.948	1888	1891	1895	rVB3	97041	108162	1.08%	0.199%
26	14.030	1901	1905	1908	rVB4	116187	166412	1.67%	0.306%
27	14.118	1916	1920	1926	rBV8	104278	228467	2.29%	0.420%
28	14.207	1932	1935	1942	rVB9	85011	143946	1.44%	0.265%
29	14.794	2030	2035	2042	rVB2	1115996	1889413	18.93%	3.472%
30	15.053	2073	2079	2085	rBV2	94999	199967	2.00%	0.367%
31	15.176	2096	2100	2103	rBV5	71031	103424	1.04%	0.190%
32	15.264	2111	2115	2120	rBV6	149620	271638	2.72%	0.499%
33	15.341	2125	2128	2136	rVV9	114645	250016	2.51%	0.459%
34	15.423	2136	2142	2151	rVV10	192658	514415	5.15%	0.945%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3859-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

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_G\METHODS\8270-BG070816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.552	2162	2164	2172	rVB8	116262	227044	2.28%	0.417%
36	15.828	2208	2211	2217	rVB6	130241	196158	1.97%	0.360%
37	16.175	2263	2270	2274	rBV8	106873	223048	2.24%	0.410%
38	16.292	2283	2290	2299	rBV	4269884	6788055	68.02%	12.475%
39	17.556	2499	2505	2511	rBV	1437894	2220238	22.25%	4.080%
40	18.137	2602	2604	2609	rVB	97443	126322	1.27%	0.232%
41	18.425	2649	2653	2658	rBV3	197053	275240	2.76%	0.506%
42	19.688	2864	2868	2873	rBV3	238557	352931	3.54%	0.649%
43	20.153	2942	2947	2954	rVB	7101446	9979754	100.00%	18.340%
44	21.034	3094	3097	3102	rVB	359967	460122	4.61%	0.846%
45	21.845	3230	3235	3243	rVB	1502873	2548872	25.54%	4.684%
46	25.200	3799	3806	3816	rVB2	825927	2482246	24.87%	4.562%

Sum of corrected areas: 54414900

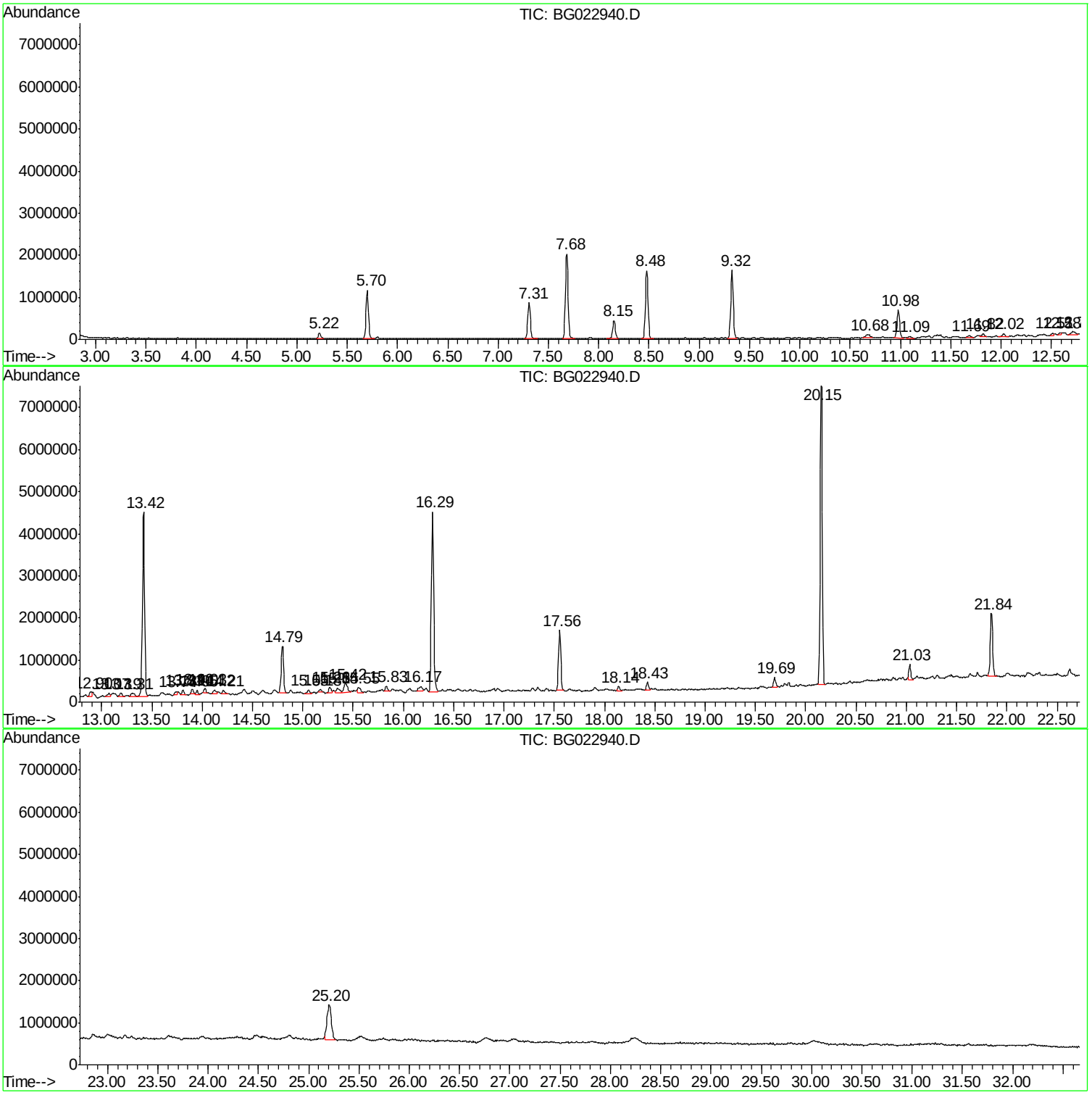
LSC Report - Integrated Chromatogram

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022940.D
Acq On : 8 Jul 2016 21:25
Operator : UM/SJ
Sample : H3859-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022940.D
Acq On : 8 Jul 2016 21:25
Operator : UM/SJ
Sample : H3859-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

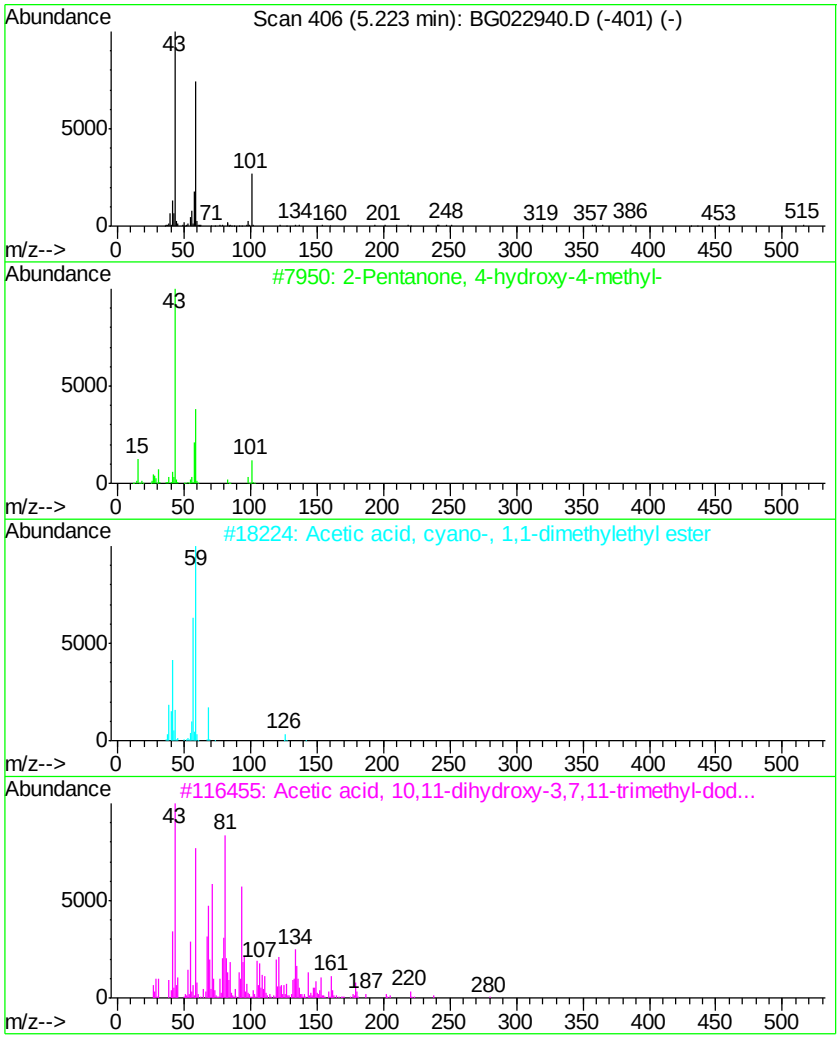
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

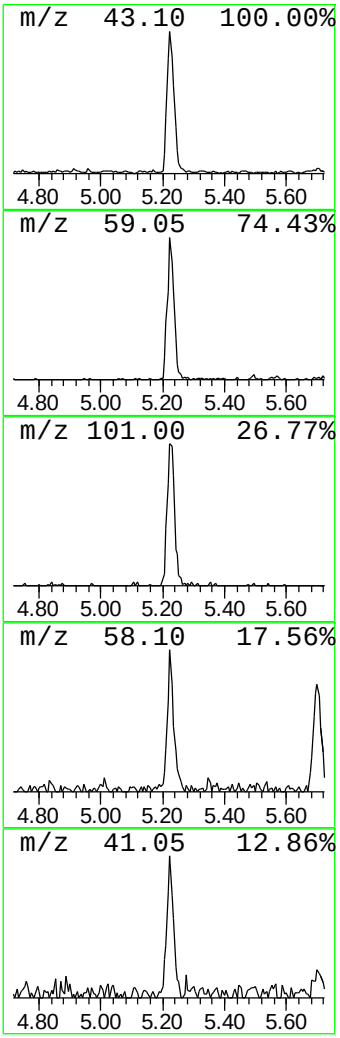
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	5.58 ng	222872	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	33
4	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	28
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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Data File : BG022940.D
Acq On : 8 Jul 2016 21:25
Operator : UM/SJ
Sample : H3859-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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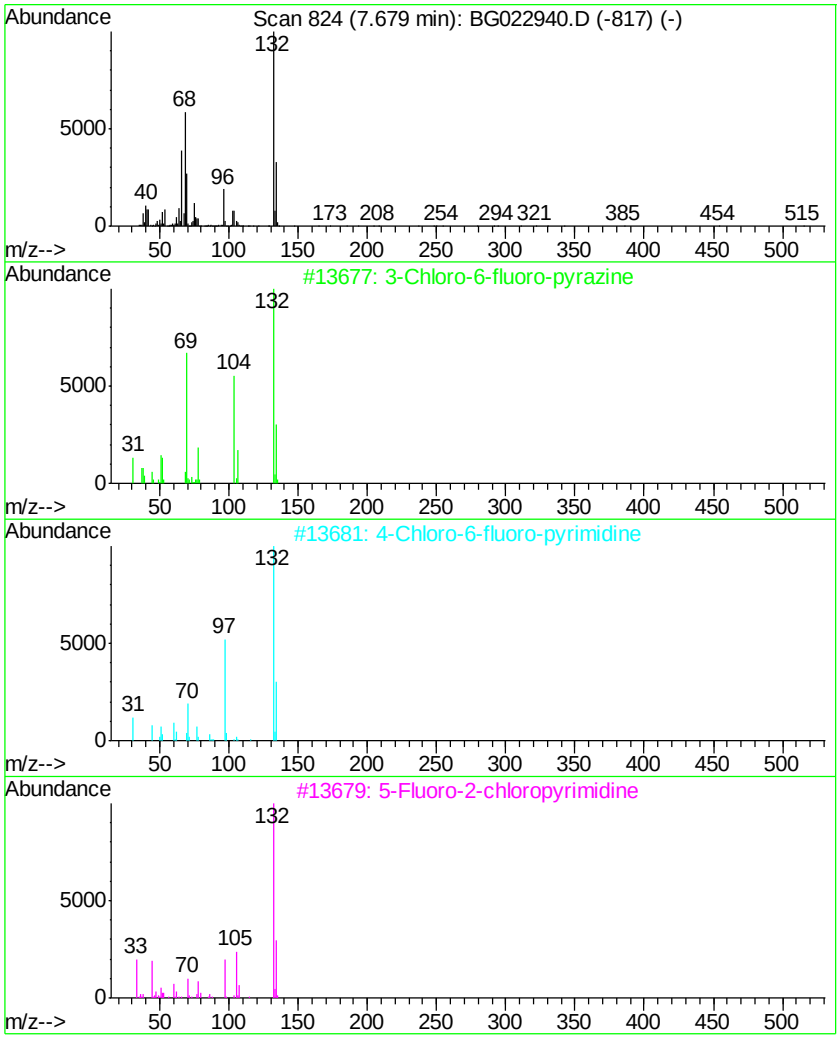
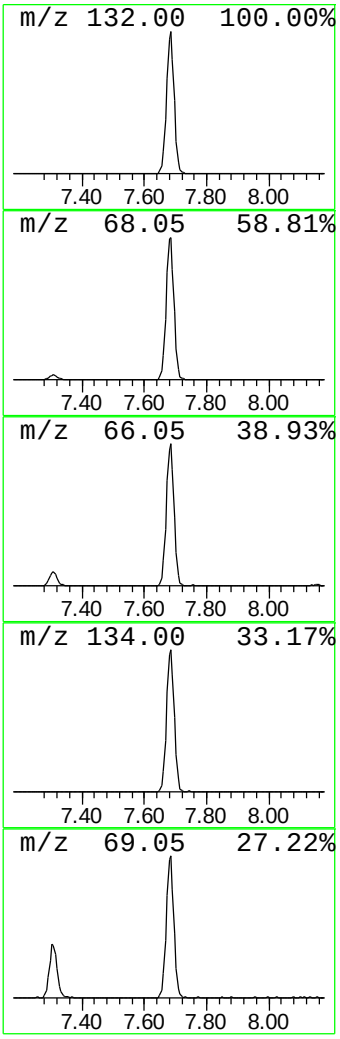
Peak Number 2 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	89.26 ng	3564610	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022940.D
Acq On : 8 Jul 2016 21:25
Operator : UM/SJ
Sample : H3859-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

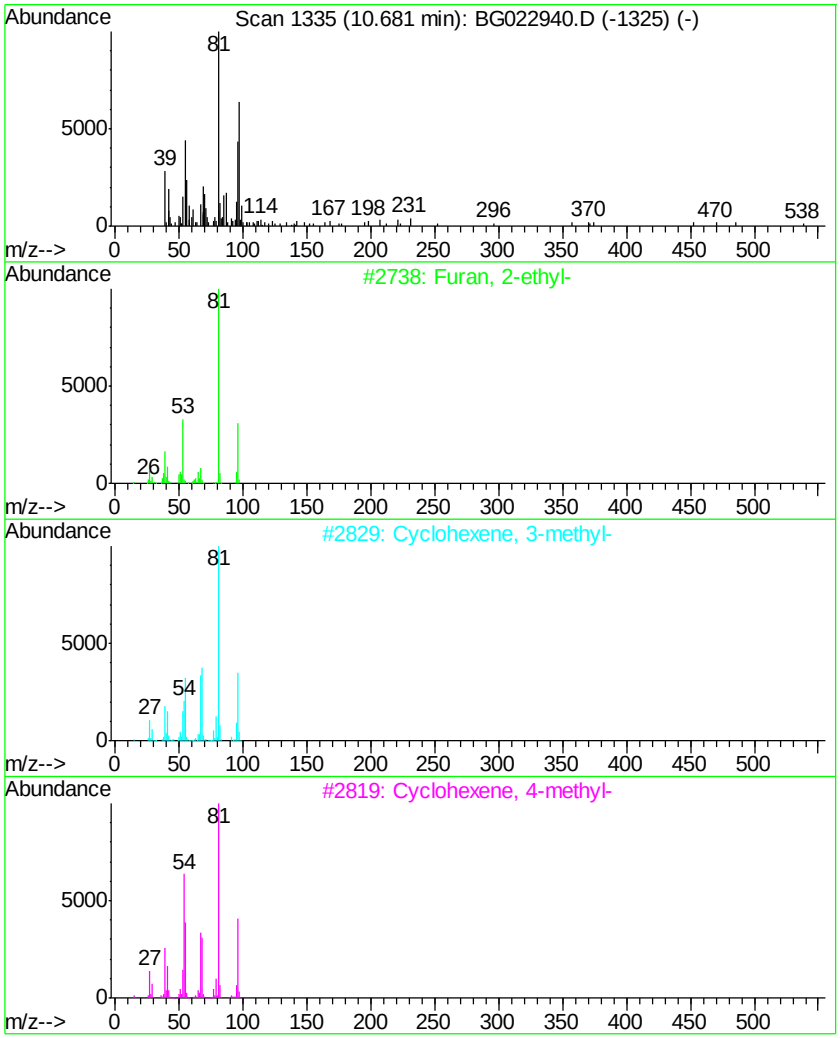
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

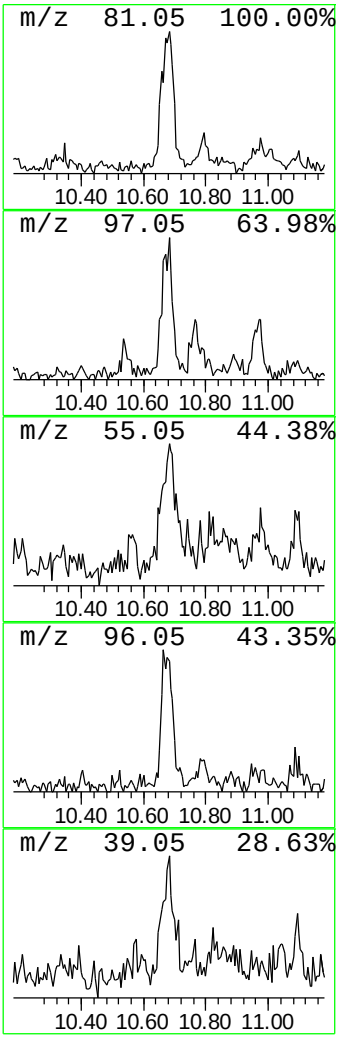
****

Peak Number 4 Furan, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	3.83 ng	240585	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-	96	C6H8O	003208-16-0	50
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	50
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	50
4	4-Methylcyclohexanol acetate	156	C9H16O2	022597-23-5	50
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	50





Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022940.D
Acq On : 8 Jul 2016 21:25
Operator : UM/SJ
Sample : H3859-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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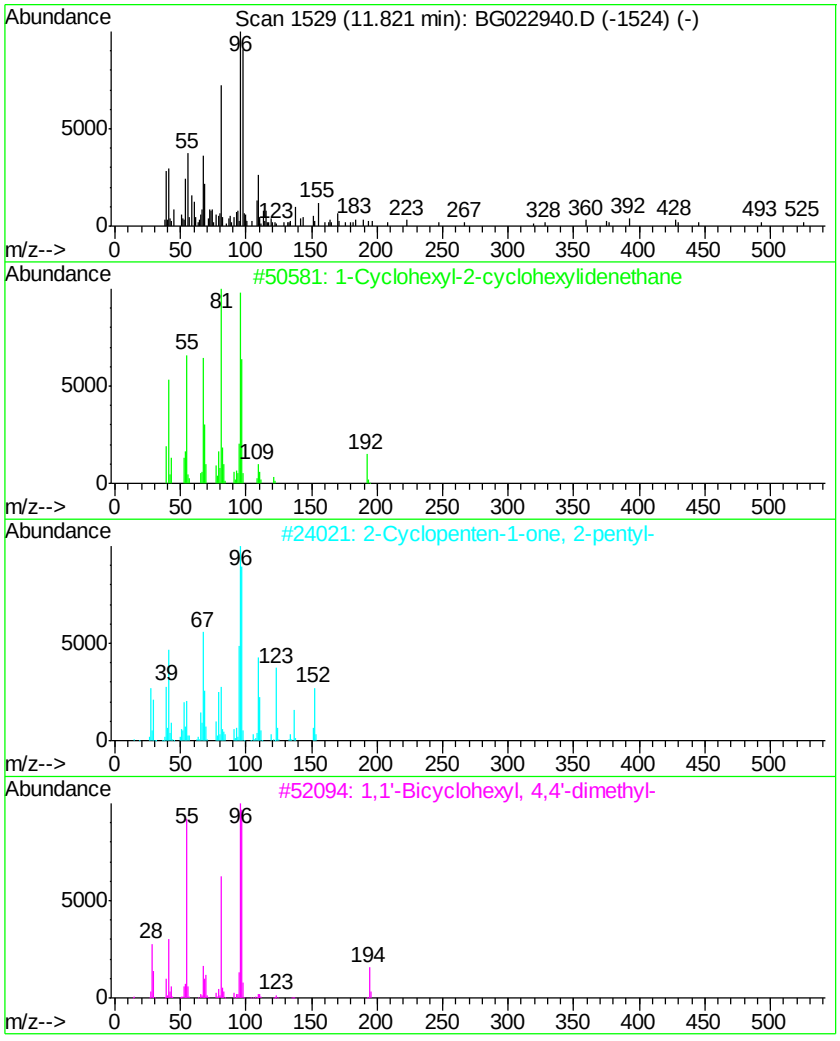
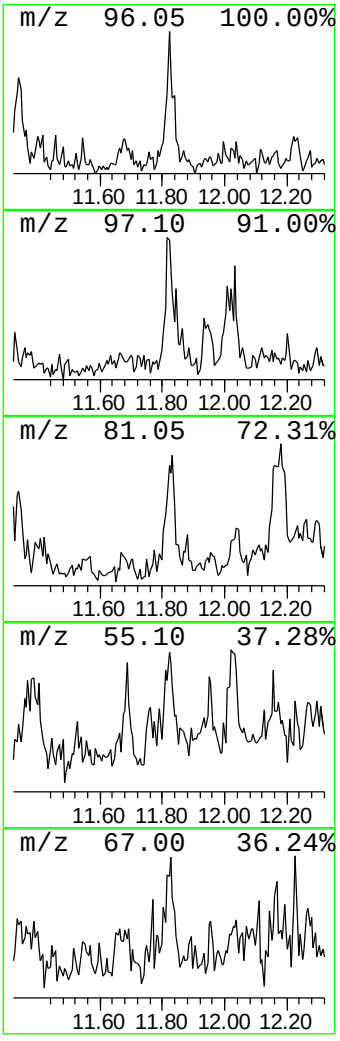
Peak Number 5 1-Cyclohexyl-2-cyclohexylid... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.18 ng	137048	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-cyclohexylidenethane	192	C14H24	059986-23-1	56
2	2-Cyclopenten-1-one, 2-pentyl-	152	C10H16O	025564-22-1	42
3	1,1'-Bicyclohexyl, 4,4'-dimethyl-	194	C14H26	054823-99-3	39
4	1H-Fluorene, dodecahydro-	178	C13H22	005744-03-6	38
5	Trichloroacetic acid, 1-cyclopen...	258	C9H13Cl3O2	1000282-57-1	38





Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
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Operator : UM/SJ
Sample : H3859-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

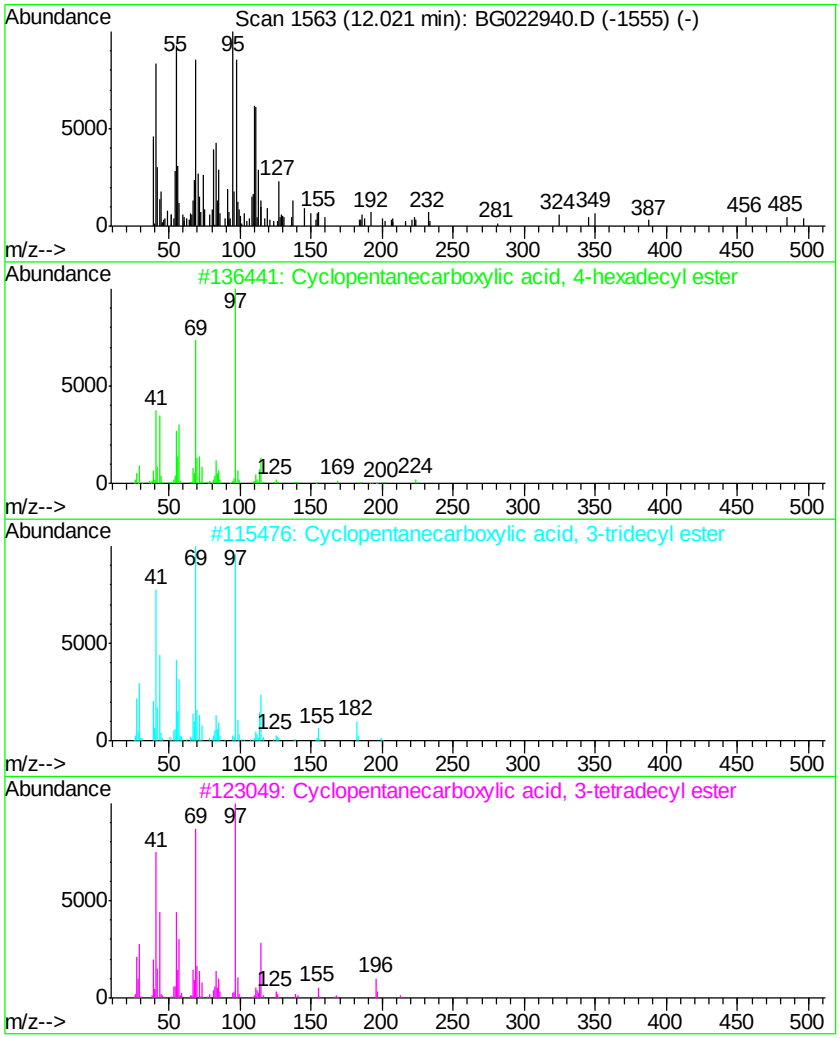
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

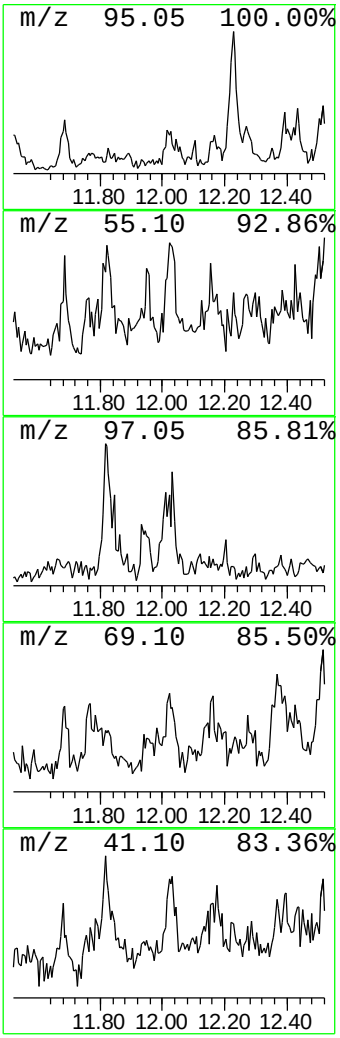
****

Peak Number 6 unknown12.02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.91 ng	182907	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	35
2	Cyclopentanecarboxylic acid, 3-t...	296	C19H36O2	1000280-58-5	35
3	Cyclopentanecarboxylic acid, 3-t...	310	C20H38O2	1000280-58-8	35
4	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	30
5	Cyclohexanol, 2,3-dimethyl-	128	C8H16O	001502-24-5	25





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Operator : UM/SJ
Sample : H3859-03
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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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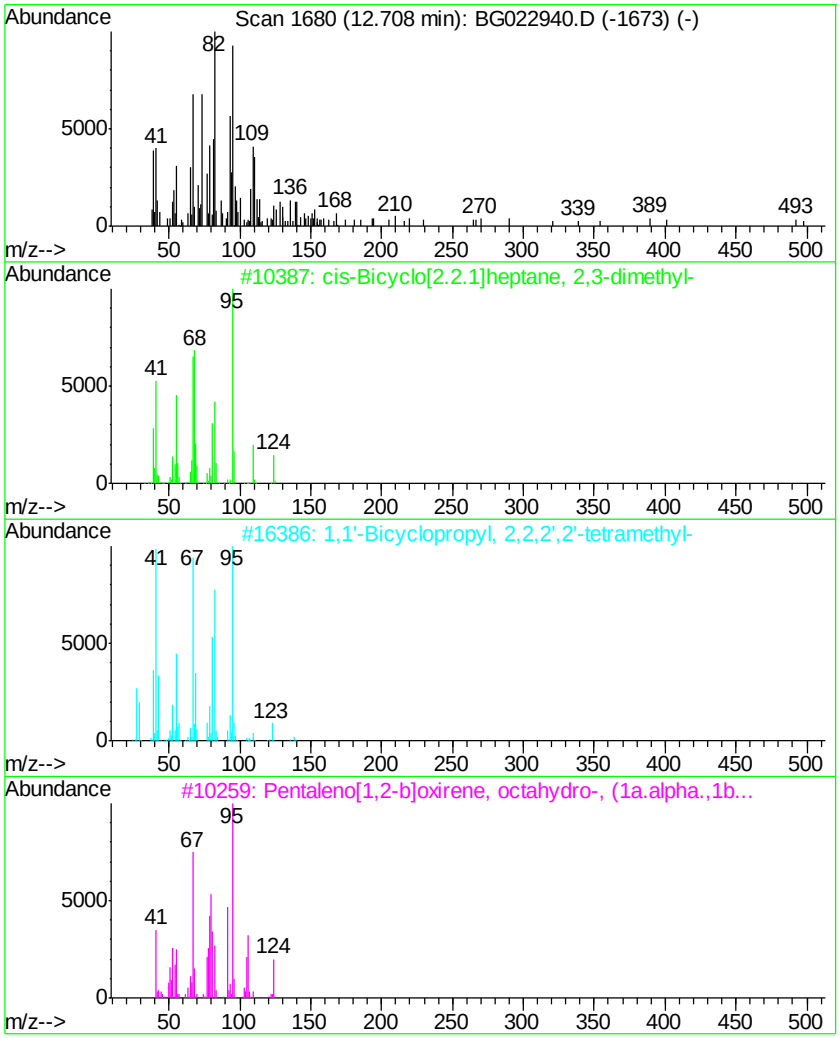
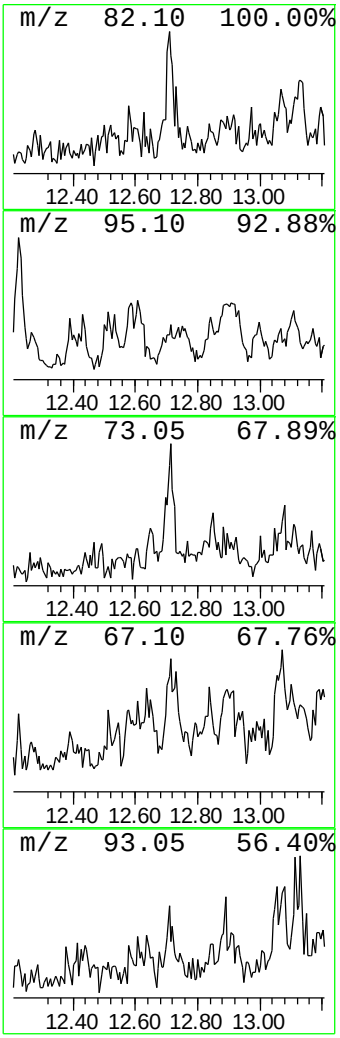
Peak Number 7 unknown12.71 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	4.18 ng	262845	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Bicyclo[2.2.1]heptane, 2,3-d...	124	C9H16	1000262-02-5	46
2	1,1'-Bicyclopropyl, 2,2,2',2'-te...	138	C10H18	068998-20-9	43
3	Pentaleno[1,2-b]oxirene, octahyd...	124	C8H12O	055449-70-2	43
4	2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	38
5	Santolina epoxide	152	C10H16O	060485-45-2	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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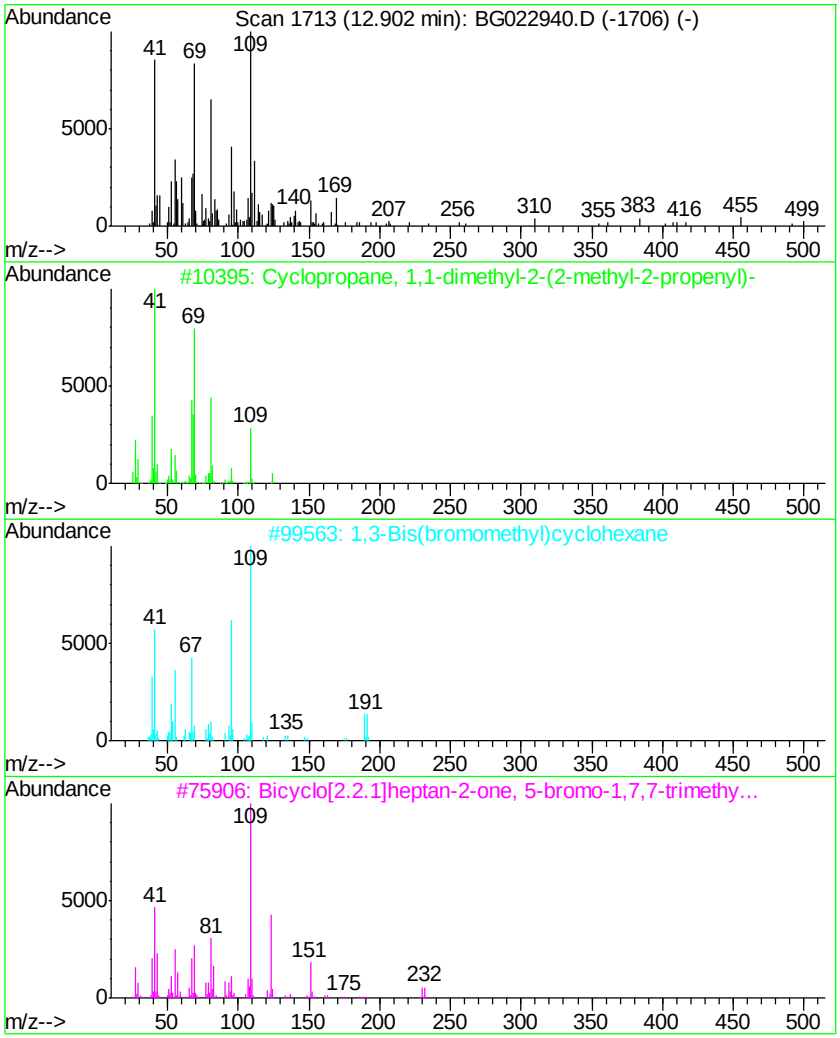
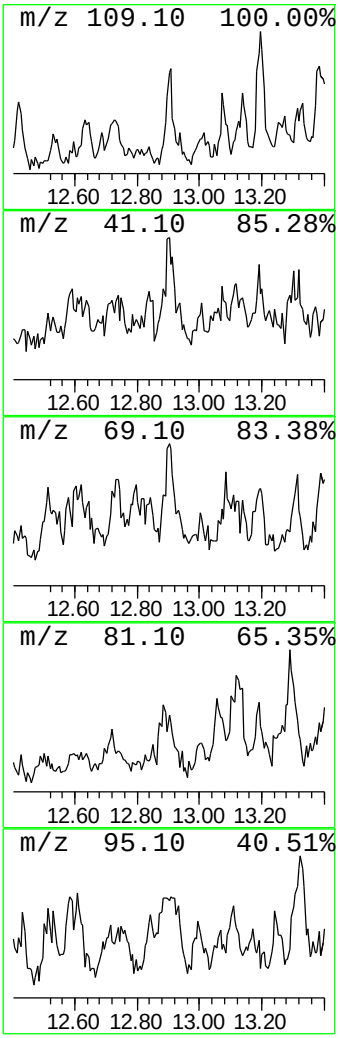
Peak Number 8 Cyclopropane, 1,1-dimethyl-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.48 ng	234128	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	50
2	1,3-Bis(bromomethyl)cyclohexane	268	C8H14Br2	1000216-89-9	35
3	Bicyclo[2.2.1]heptan-2-one, 5-br...	230	C10H15BrO	010293-00-2	27
4	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	27
5	4-Nonene, 2,3,3-trimethyl-, (E)-	168	C12H24	063830-67-1	22





Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022940.D
Acq On : 8 Jul 2016 21:25
Operator : UM/SJ
Sample : H3859-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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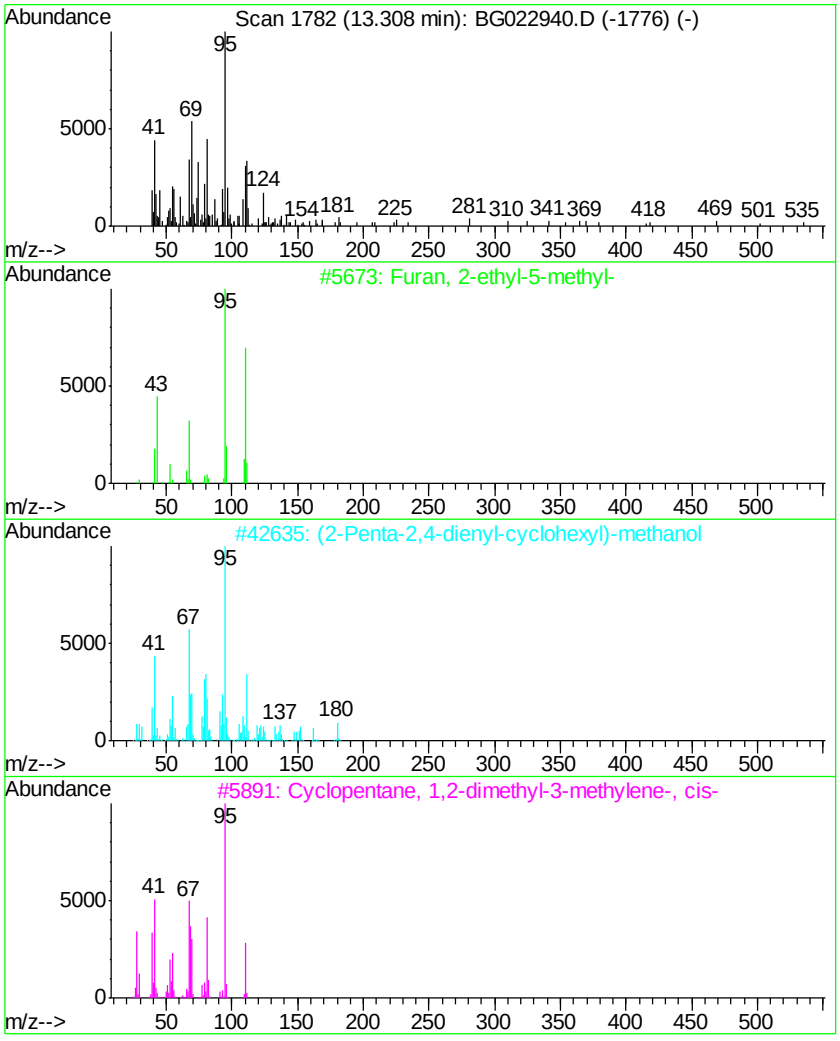
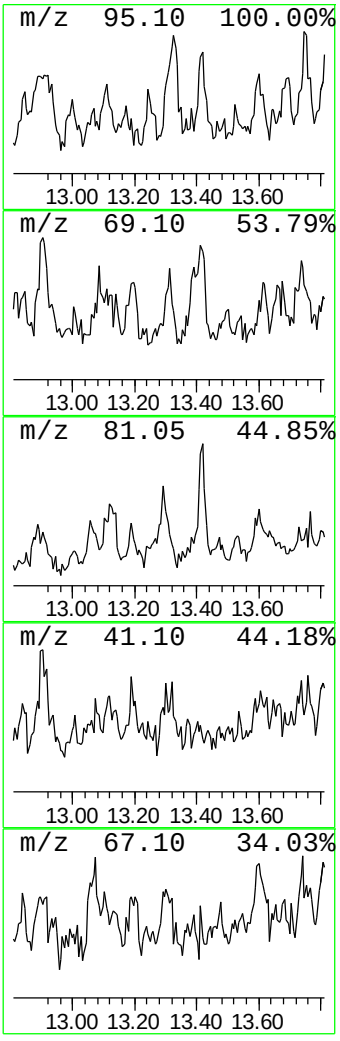
Peak Number 9 Furan, 2-ethyl-5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	2.62 ng	247194	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	64
2	(2-Penta-2,4-dienyl-cyclohexyl)-...	180	C12H20O	1000186-20-6	53
3	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	53
4	Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	53
5	Furan-2-carboxylic acid (cyano-d...	178	C9H10N2O2	1000297-46-7	52





Library Search Compound Report

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022940.D
Acq On : 8 Jul 2016 21:25
Operator : UM/SJ
Sample : H3859-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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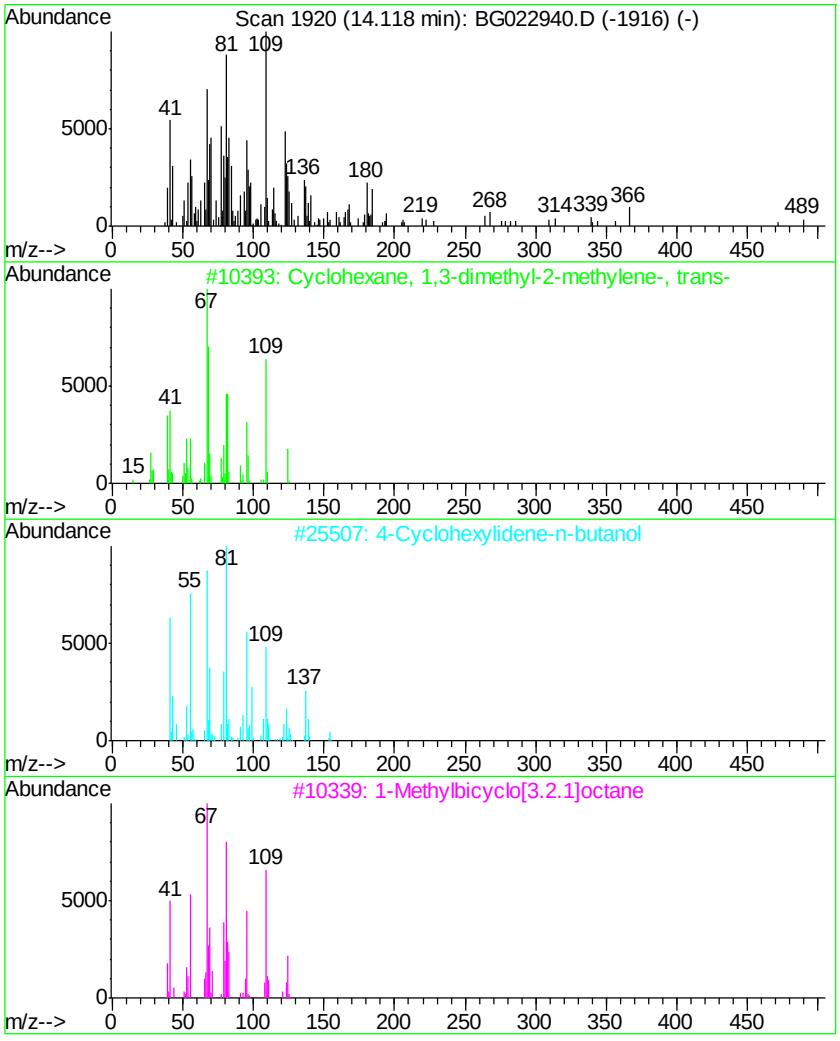
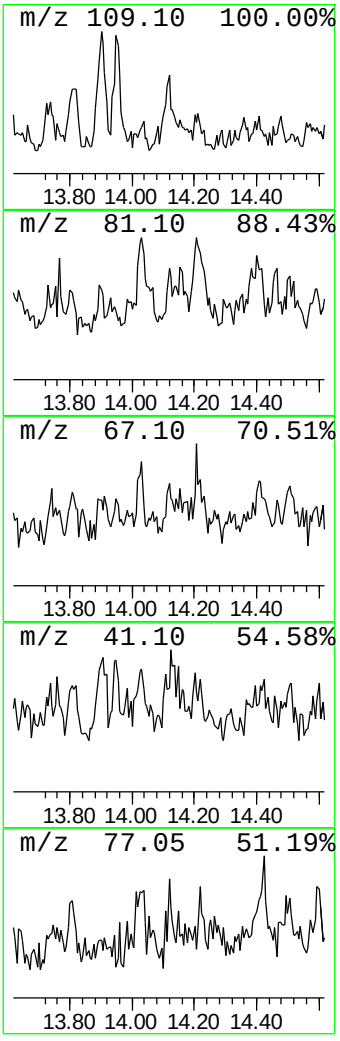
Peak Number 10 unknown14.12 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.42 ng	228467	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	47
2	4-Cyclohexylidene-n-butanol	154	C10H18O	004441-58-1	46
3	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	35
4	Undec-10-ynoic acid	182	C11H18O2	002777-65-3	27
5	2,3-Dimethyl-8-oxo-non-2-enal	182	C11H18O2	1000186-82-6	22





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Operator : UM/SJ
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Instrument : BNA_G
ClientSampleId : LIP-22

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

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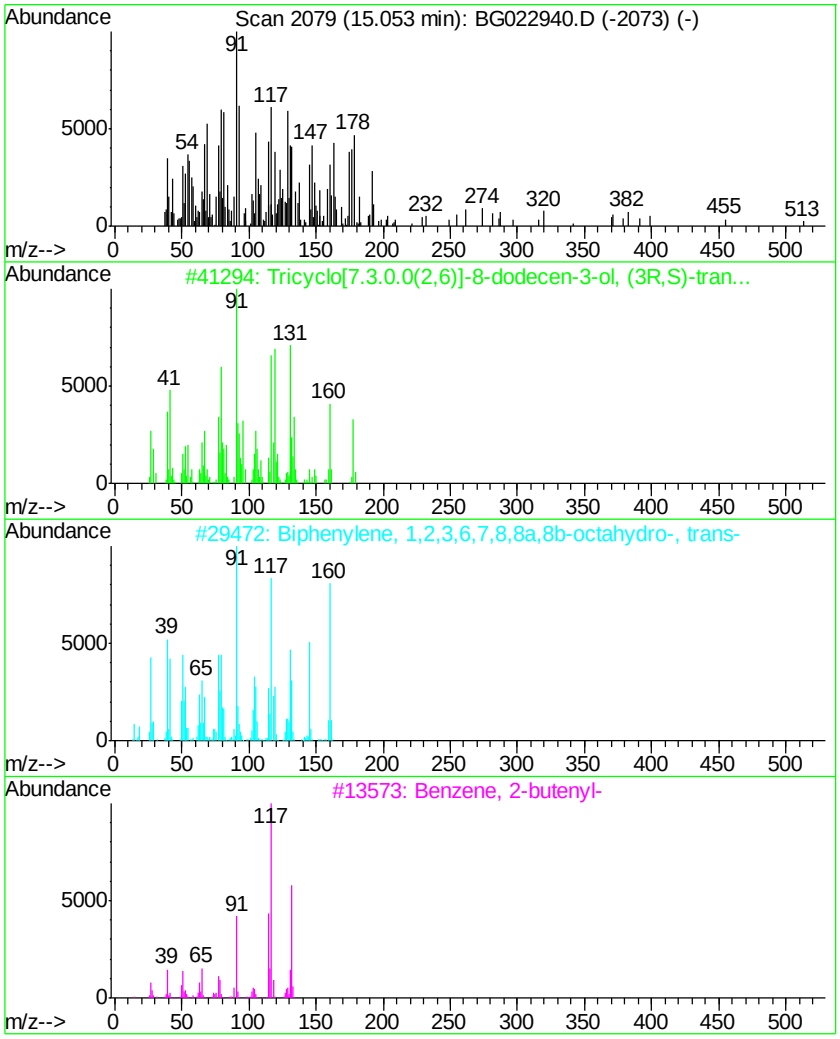
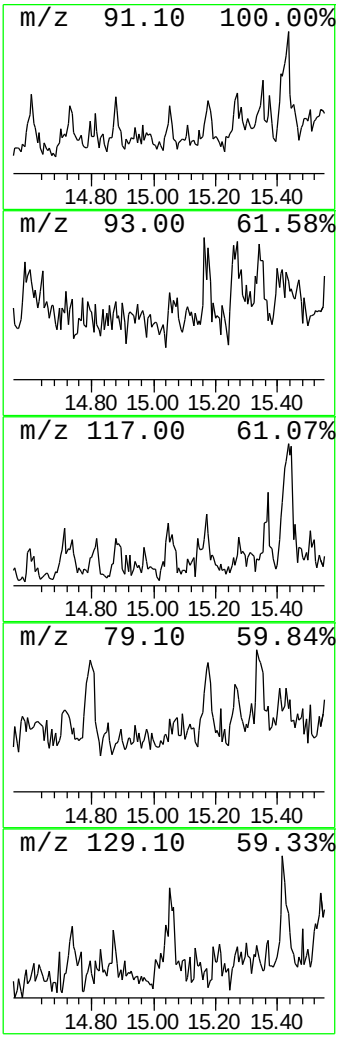
Peak Number 11 unknown15.05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.12 ng	199967	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[7.3.0.0(2,6)]-8-dodecen...	178	C12H18O	1000099-25-3	30
2	Biphenylene, 1,2,3,6,7,8,8a,8b-o...	160	C12H16	028229-15-4	18
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	15
4	Benzeneacetonitrile, 2-(hydroxym...	147	C9H9NO	067519-22-6	15
5	(7S,8R,S)-7-Hydroxymethyl-8-etho...	196	C12H20O2	073741-90-9	15





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ClientSampleId : LIP-22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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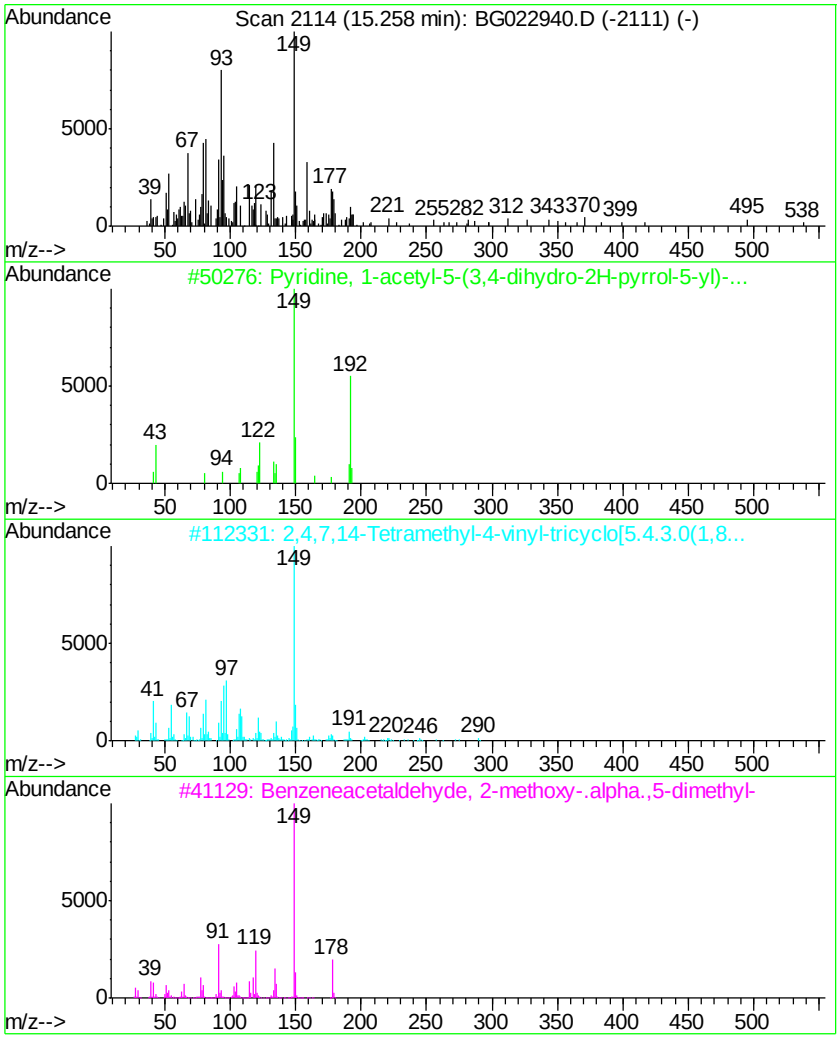
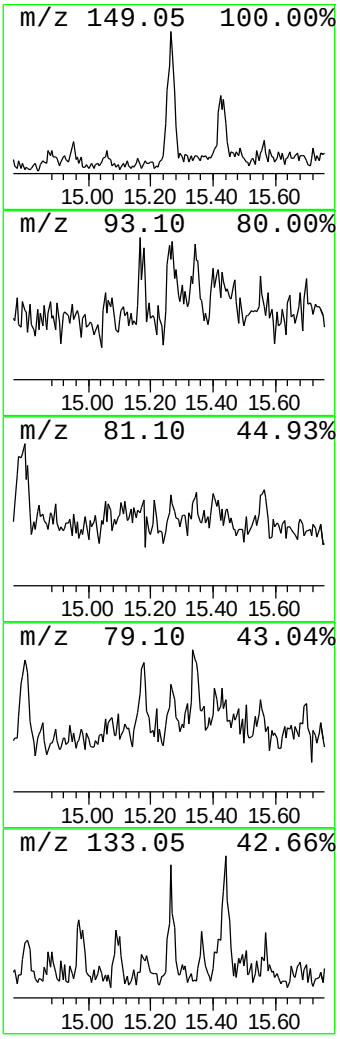
Peak Number 12 unknown15.26 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	2.88 ng	271638	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 1-acetyl-5-(3,4-dihydr...	192	C11H16N2O	054966-57-3	27
2	2,4,7,14-Tetramethyl-4-vinyl-tri...	290	C20H34O	1000193-31-2	27
3	Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	22
4	1H-Indole-3-carboxylic acid, 4-h...	177	C9H7NO3	024370-76-1	14
5	3-Ethyl-7-hydroxyphthalide	178	C10H10O3	000485-26-7	14





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Operator : UM/SJ
Sample : H3859-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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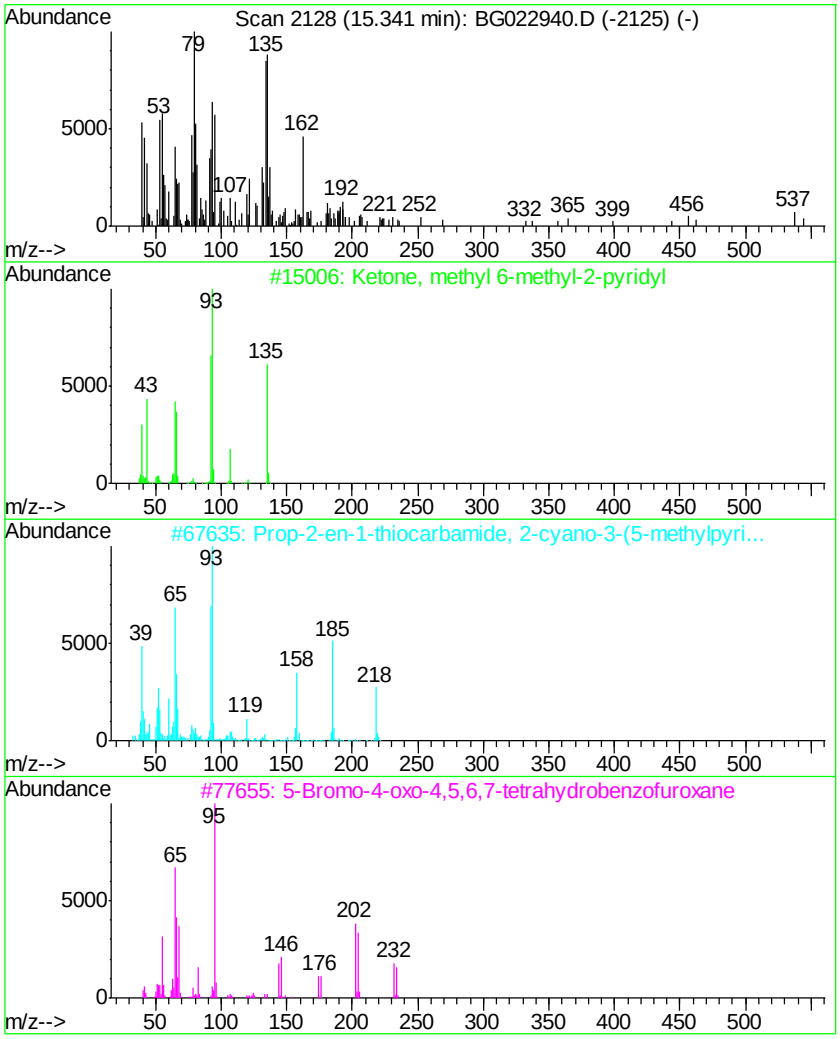
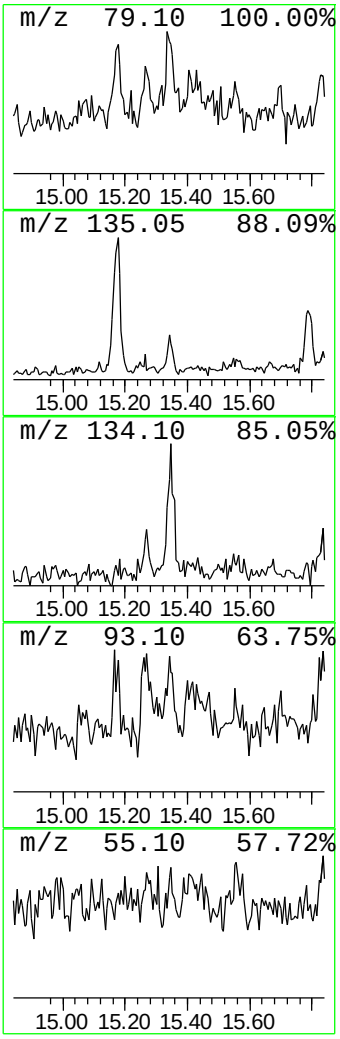
Peak Number 13 Ketone, methyl 6-methyl-2-p... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.65 ng	250016	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ketone, methyl 6-methyl-2-pyridyl	135	C8H9NO	006940-57-4	50
2	Prop-2-en-1-thiocarbamide, 2-cya...	218	C10H10N4S	336180-91-7	30
3	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	232	C6H5BrN2O3	1000110-71-6	27
4	3-Hexyne, 1,6-dibromo-	238	C6H8Br2	061233-70-3	27
5	Benzene, 1-ethenyl-3-methoxy-	134	C9H10O	000626-20-0	25





Library Search Compound Report

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Operator : UM/SJ
Sample : H3859-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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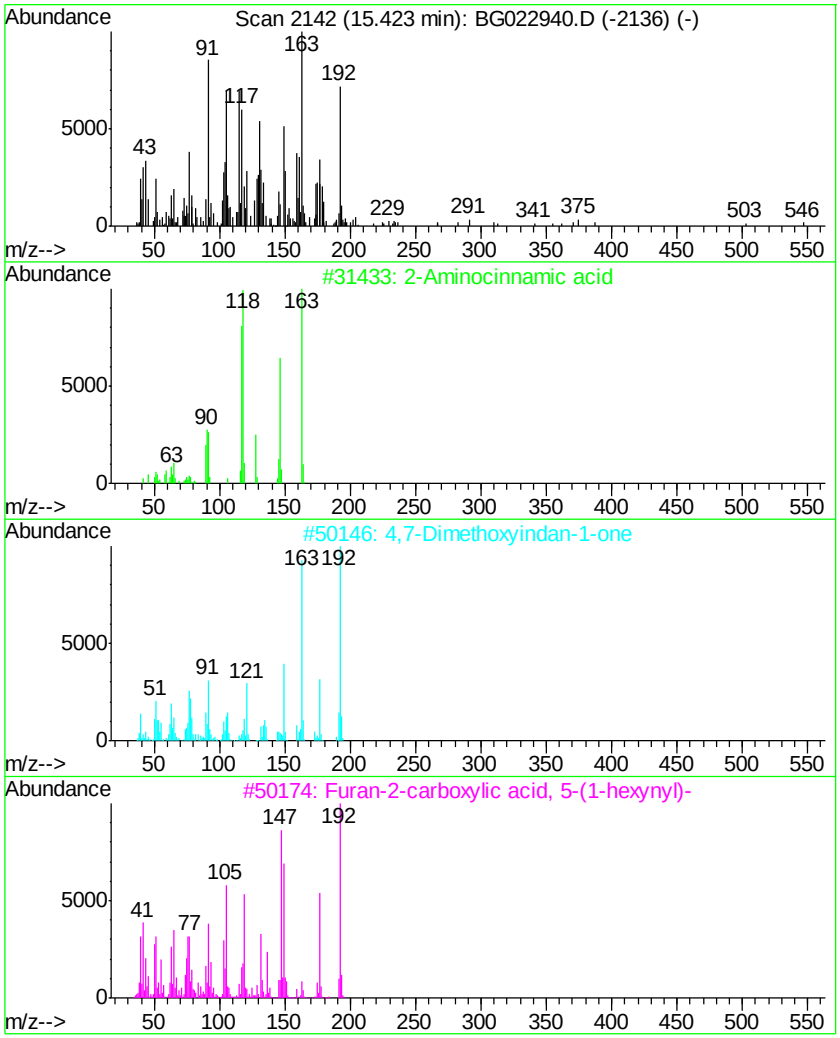
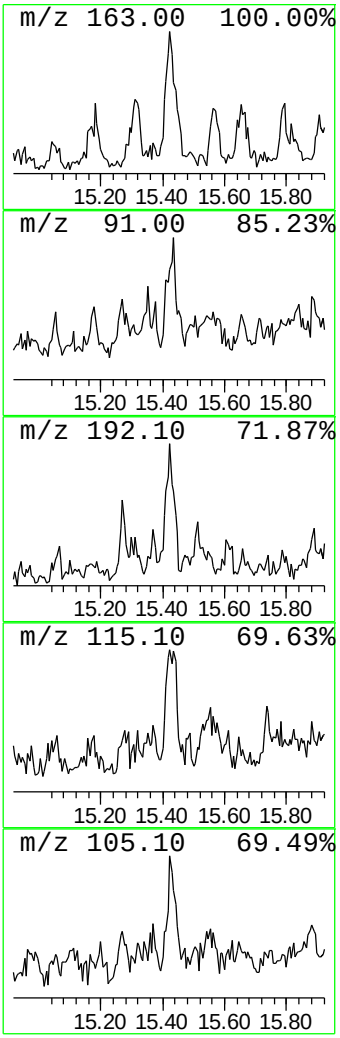
Peak Number 14 unknown15.42 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	5.45 ng	514415	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Aminocinnamic acid	163	C9H9NO2	1000128-93-5	38
2	4,7-Dimethoxyindan-1-one	192	C11H12O3	052428-09-8	30
3	Furan-2-carboxylic acid, 5-(1-he...	192	C11H12O3	1000269-18-0	30
4	2,4-Dimethylphenyl isothiocyanate	163	C9H9NS	039842-01-8	30
5	Propofol	178	C12H18O	002078-54-8	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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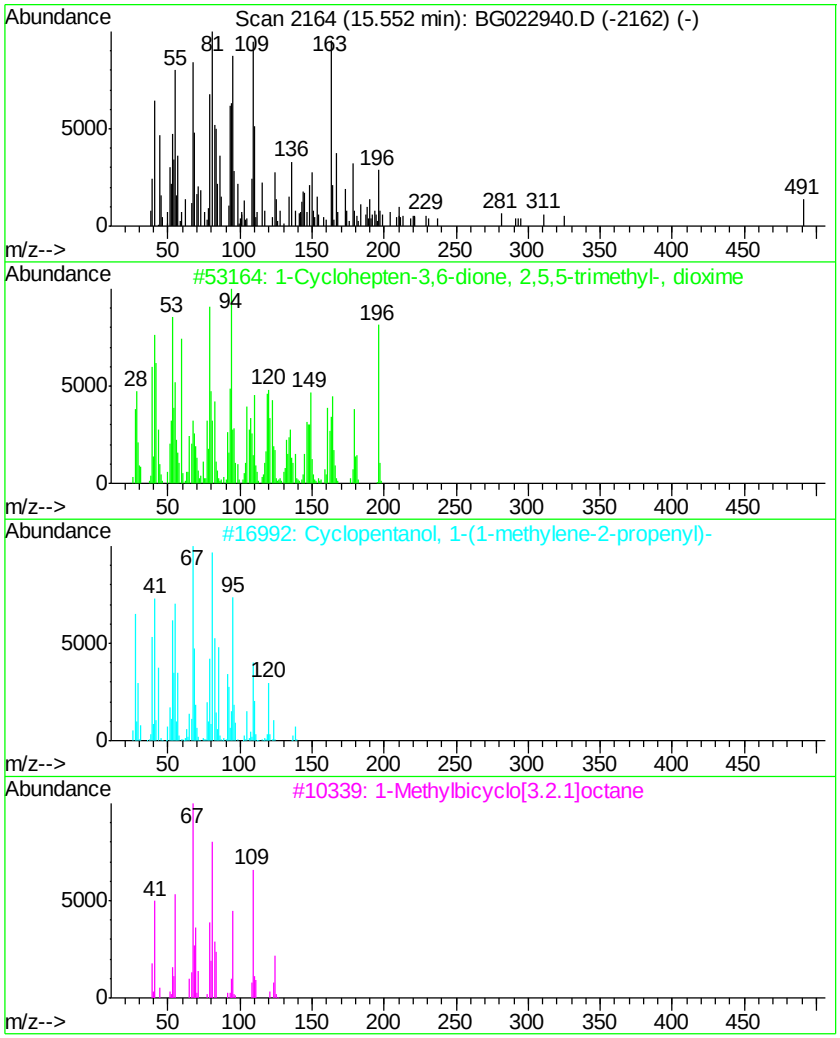
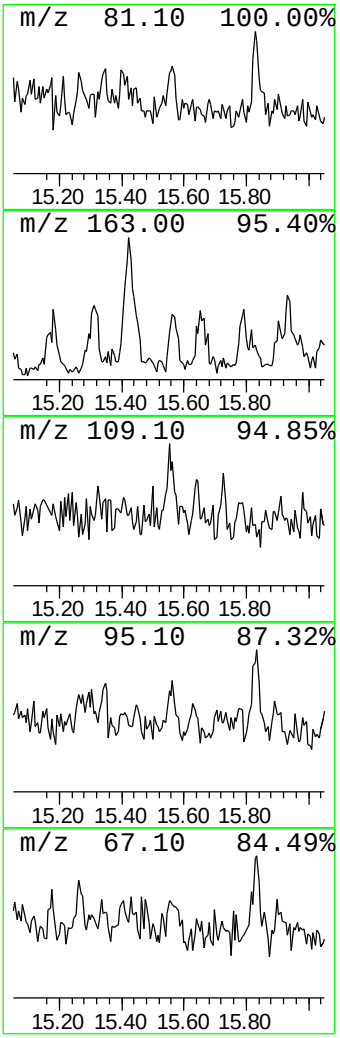
Peak Number 15 1-Cyclohepten-3,6-dione, 2,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	2.40 ng	227044	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohepten-3,6-dione, 2,5,5-t...	196	C10H16N2O2	058870-13-6	78
2	Cyclopentanol, 1-(1-methylene-2-...	138	C9H14O	078158-11-9	52
3	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	50
4	3-Cyclopenten-1-one, 2,2,5,5-tet...	138	C9H14O	081396-36-3	43
5	4-Decyne	138	C10H18	002384-86-3	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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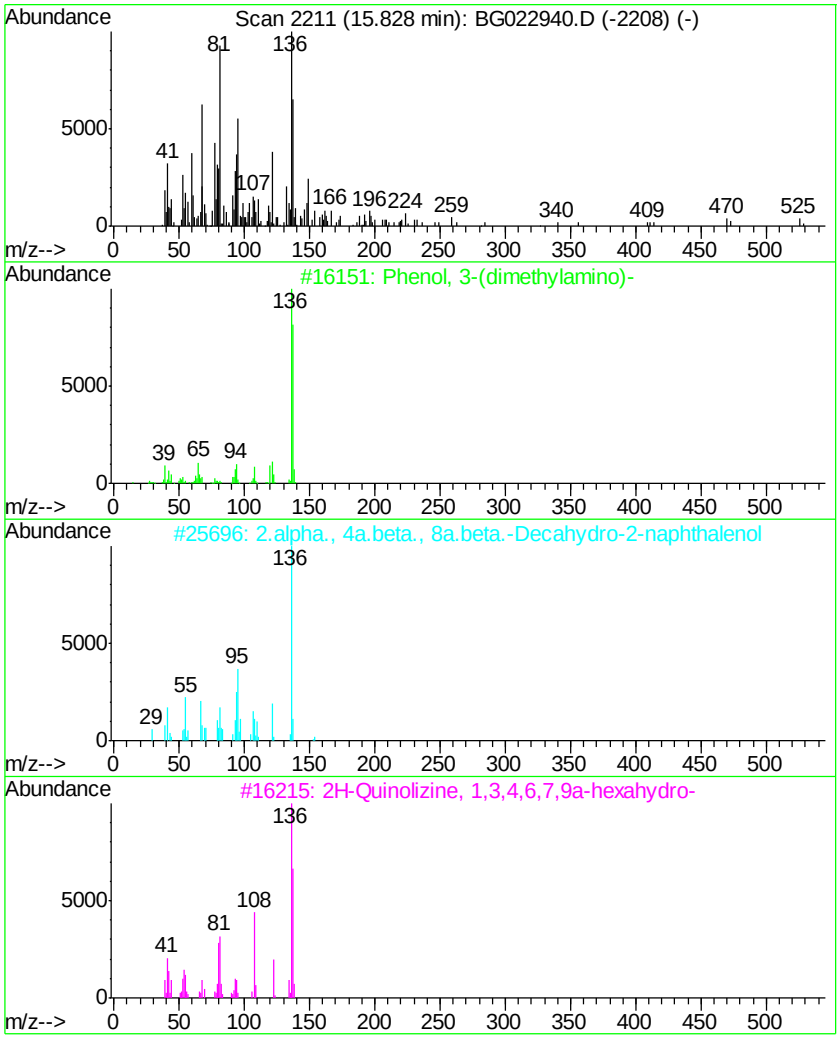
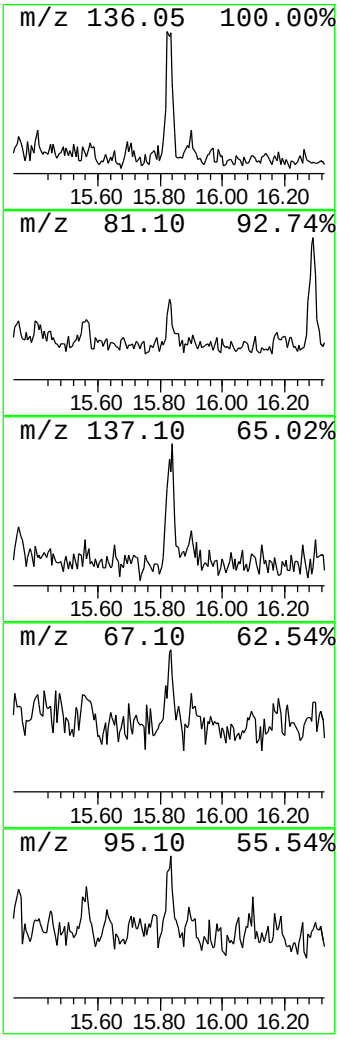
Peak Number 16 unknown15.83 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.08 ng	196158	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(dimethylamino)-	137	C8H11NO	000099-07-0	38
2	2.alpha., 4a.beta., 8a.beta.-Dec...	154	C10H18O	001424-37-9	38
3	2H-Quinolizine, 1,3,4,6,7,9a-hex...	137	C9H15N	001004-90-6	30
4	5-Methylene-1,3a,4,5,6,6a-hexahy...	136	C9H12O	1000193-00-3	30
5	Bicyclo[3.2.2]non-6-en-3-one	136	C9H12O	1000072-31-7	30





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Instrument : BNA_G
ClientSampleId : LIP-22

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TIC Library : C:\DATABASE\NIST02.L
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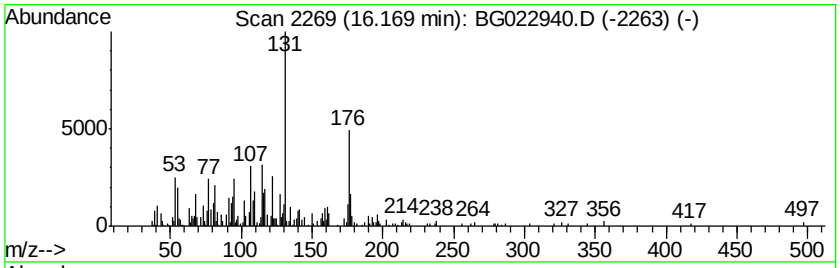
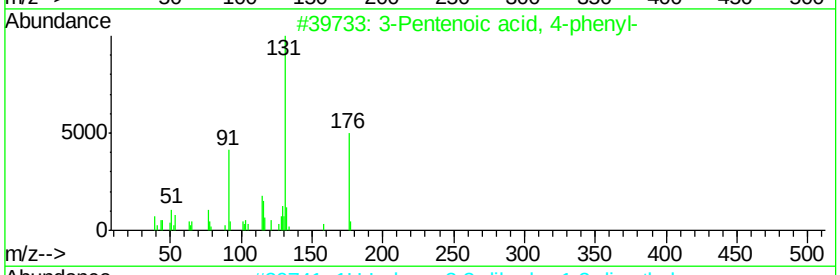
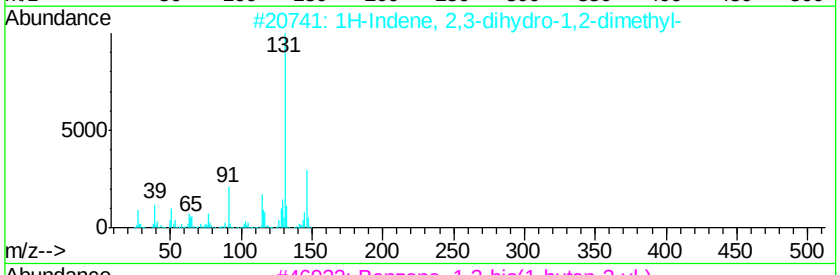
Peak Number 17 unknown16.17 Concentration Rank 20

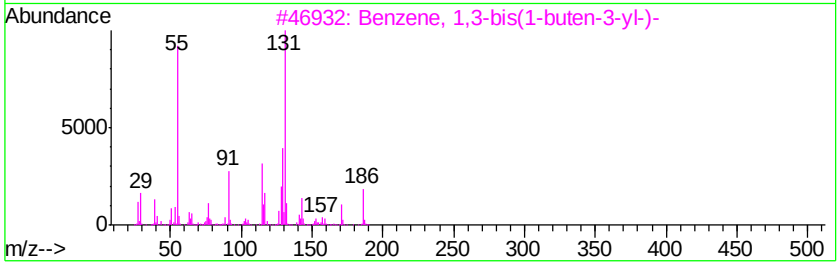
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.01 ng	223048	Phenanthrene-d10	17.56

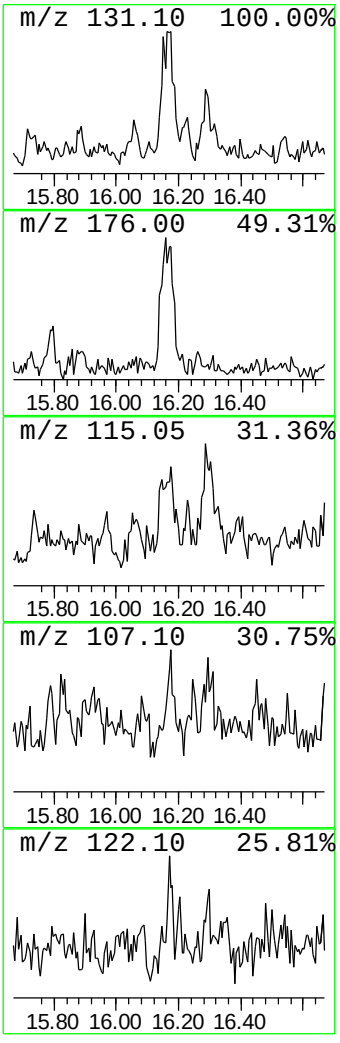
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	32
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	25
3	Benzene, 1,3-bis(1-buten-3-yl-)-	186	C14H18	158117-62-5	17
4	Isoquinoline 1,2,3,4-tetrahydro-...	178	C9H10N2O2	010308-72-2	14
5	Imidazol-4-ol, 2-pentafluorophen...	372	C17H13F5N2O2	1000295-54-7	12











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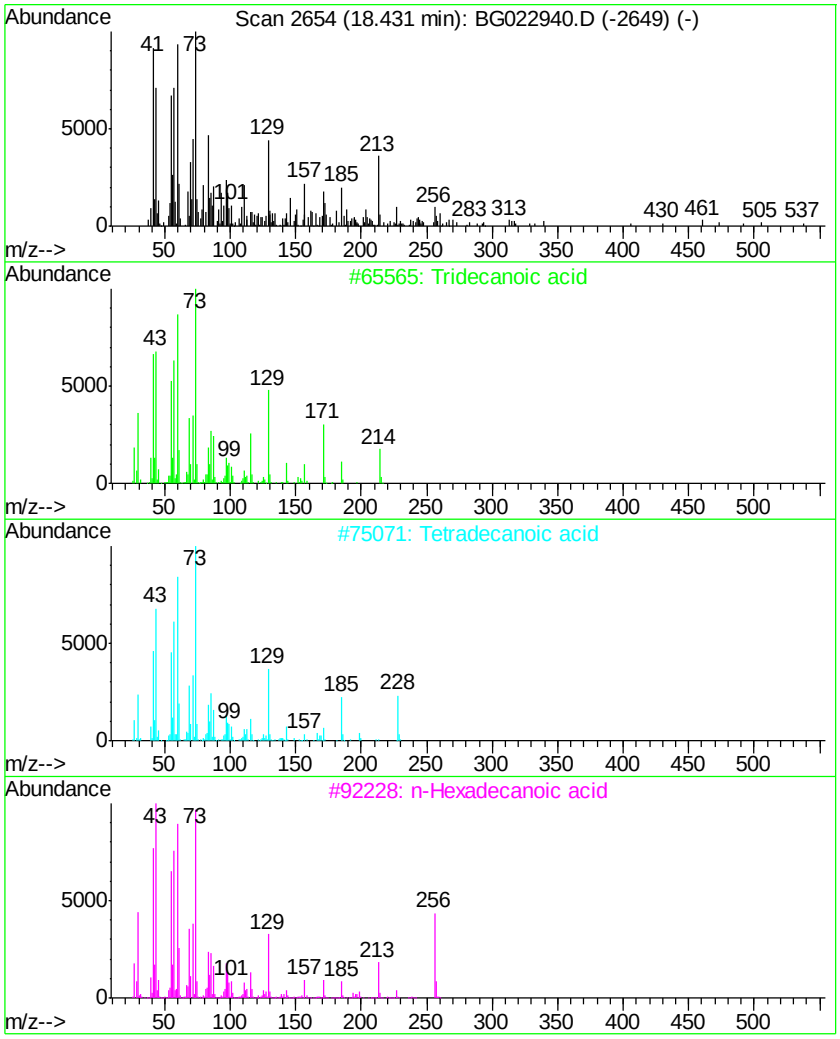
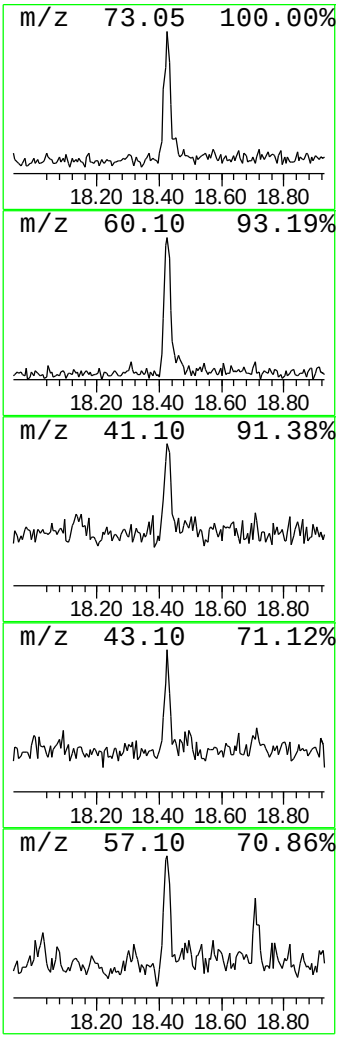
Peak Number 18 Tridecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.48 ng	275240	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





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ClientSampleId : LIP-22

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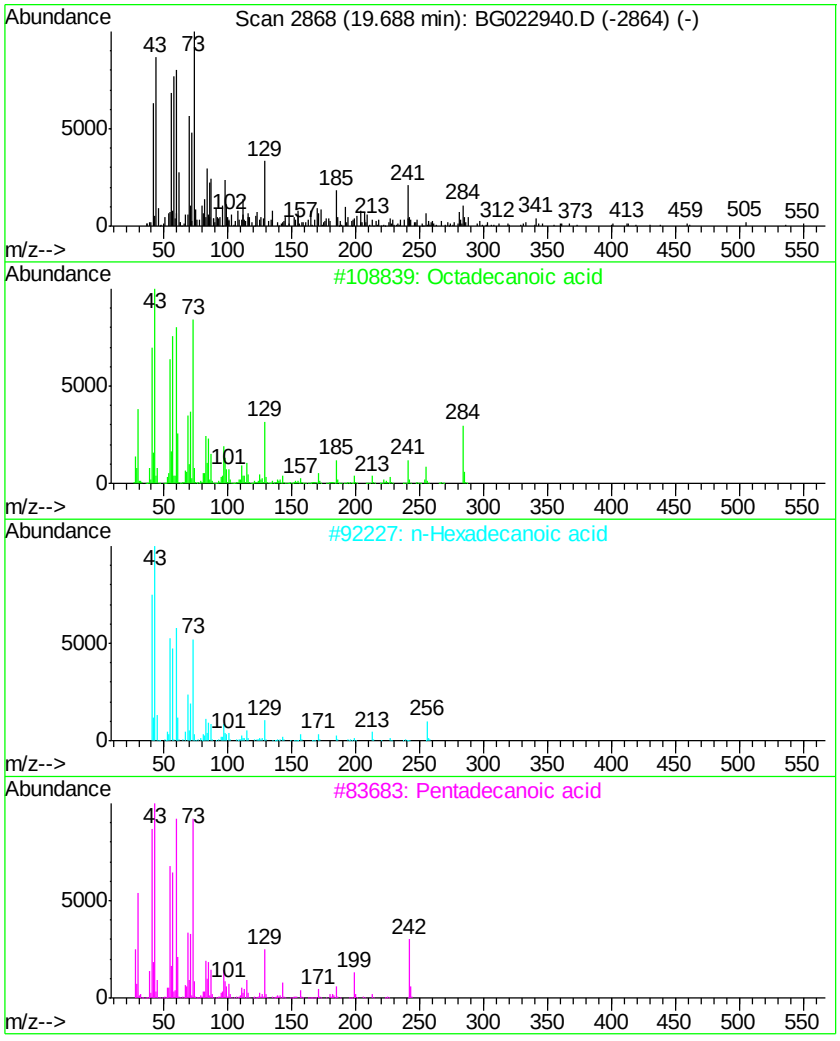
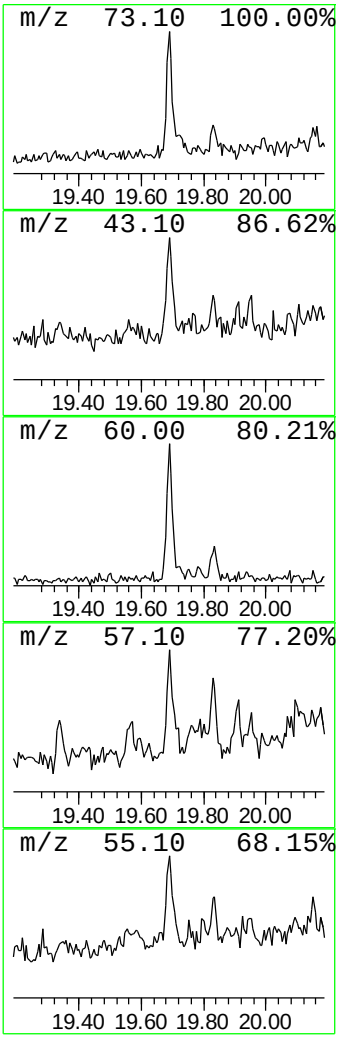
Peak Number 19 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.18 ng	352931	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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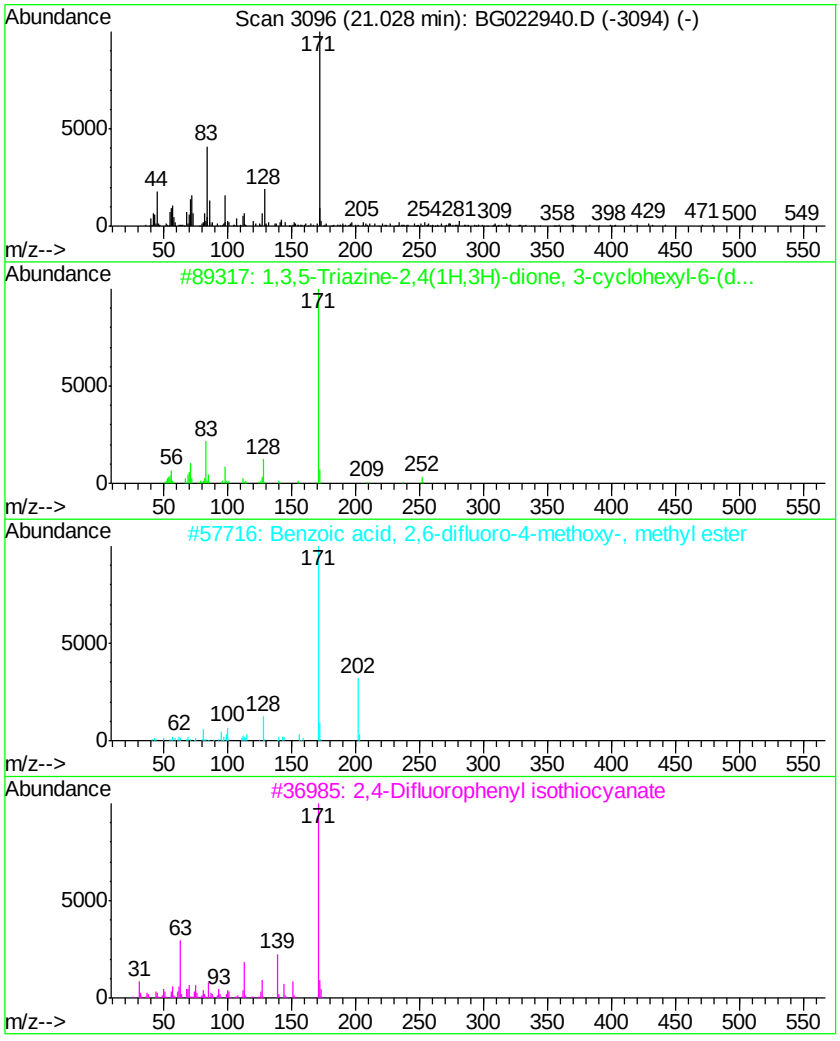
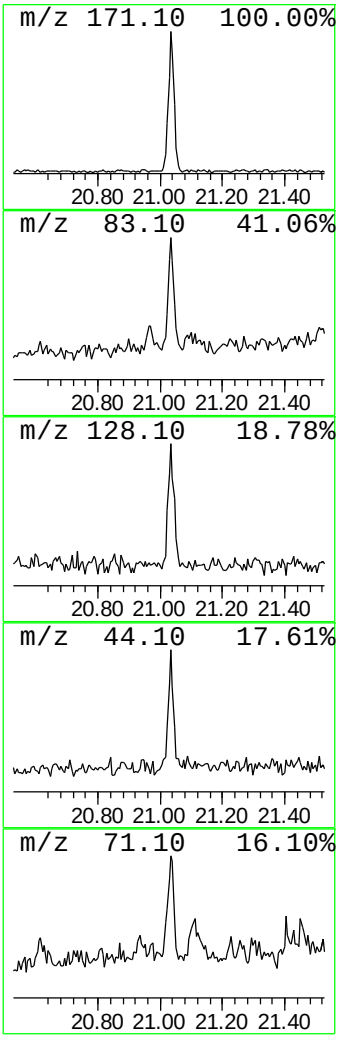
Peak Number 20 1,3,5-Triazine-2,4(1H,3H)-d... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	3.61 ng	460122	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4(1H,3H)-dione,...	252	C12H20N4O2	051235-04-2	97
2	Benzoic acid, 2,6-difluoro-4-met...	202	C9H8F2O3	084937-82-6	53
3	2,4-Difluorophenyl isothiocyanate	171	C7H3F2NS	141106-52-7	47
4	3-Cyanoquinoxaline 1-oxide	171	C9H5N3O	053688-02-1	47
5	Quinoline, 2,3,4-trimethyl-	171	C12H13N	002437-72-1	40





Tentatively Identified Compound (LSC) summary

Data Path : V:\HPCHEM1\BNA_G\DATA\BG070916\
Data File : BG022940.D
Acq On : 8 Jul 2016 21:25
Operator : UM/SJ
Sample : H3859-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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
2-Pentanone, 4-hy...	5.22	5.6	ng	222872	1	8.15	798710	20.0
unknown7.68	7.68	89.3	ng	3564610	1	8.15	798710	20.0
Furan, 2-ethyl-	10.68	3.8	ng	240585	2	10.98	1257420	20.0
1-Cyclohexyl-2-cy...	11.82	2.2	ng	137048	2	10.98	1257420	20.0
unknown12.02	12.02	2.9	ng	182907	2	10.98	1257420	20.0
unknown12.71	12.71	4.2	ng	262845	2	10.98	1257420	20.0
Cyclopropane, 1,1...	12.90	2.5	ng	234128	3	14.79	1889410	20.0
Furan, 2-ethyl-5-...	13.31	2.6	ng	247194	3	14.79	1889410	20.0
unknown14.12	14.12	2.4	ng	228467	3	14.79	1889410	20.0
unknown15.05	15.05	2.1	ng	199967	3	14.79	1889410	20.0
unknown15.26	15.26	2.9	ng	271638	3	14.79	1889410	20.0
Ketone, methyl 6-...	15.34	2.6	ng	250016	3	14.79	1889410	20.0
unknown15.42	15.42	5.5	ng	514415	3	14.79	1889410	20.0
1-Cyclohepten-3,6...	15.55	2.4	ng	227044	3	14.79	1889410	20.0
unknown15.83	15.83	2.1	ng	196158	3	14.79	1889410	20.0
unknown16.17	16.17	2.0	ng	223048	4	17.56	2220240	20.0
Tridecanoic acid	18.43	2.5	ng	275240	4	17.56	2220240	20.0
Octadecanoic acid	19.69	3.2	ng	352931	4	17.56	2220240	20.0
1,3,5-Triazine-2,...	21.03	3.6	ng	460122	5	21.84	2548870	20.0