LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

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-BG091115.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	3.106	37	45	52	rBV	60654	105352	3.72%	0.546%
2	3.176	52	57	71	rVB	1156994	1641592	57.90%	8.511%
3	4.980	358	364	371	rBV	22885	38554	1.36%	0.200%
4	5.109	379	386	392	rBV	85975	134742	4.75%	0.699%
5	5.579	457	466	475	rVB	274143	424848	14.98%	2.203%
6	6.090	546	553	561	rVB	38526	62690	2.21%	0.325%
7	6.819	672	677	682	rBV3	20436	34003	1.20%	0.176%
8	7.171	730	737	748	rBV	181044	337873	11.92%	1.752%
9	7.536	792	799	808	rBV	566300	950949	33.54%	4.930%
10	8.000	872	878	886	rVB	156859	262900	9.27%	1.363%
11	8.323	927	933	944	rVB	558813	972316	34.29%	5.041%
12	9.163	1069	1076	1085	rVB	466692	816256	28.79%	4.232%
13	10.209	1249	1254	1262	rVB4	25045	58108	2.05%	0.301%
14	10.526	1298	1308	1313	rBV5	26845	66633	2.35%	0.345%
15	10.650	1322	1329	1335	rBV	27977	61891	2.18%	0.321%
16	10.808	1349	1356	1372	rVV	229789	468364	16.52%	2.428%
17	10.949	1375	1380	1387	rVB7	20356	37880	1.34%	0.196%
18	11.067	1393	1400	1403	rBV7	16168	35050	1.24%	0.182%
19	11.372	1446	1452	1461	rBV6	19998	57612	2.03%	0.299%
20	11.537	1473	1480	1487	rBV2	78259	161088	5.68%	0.835%
21	12.013	1557	1561	1569	rVB9	17282	34578	1.22%	0.179%
22	12.207	1589	1594	1597	rBV3	26114	42143	1.49%	0.218%
23	12.254	1598	1602	1612	rVB6	33025	90590	3.20%	0.470%
24	12.359	1613	1620	1624	rBV7	29622	68418	2.41%	0.355%
25	12.436	1629	1633	1639	rVB6	29953	64974	2.29%	0.337%
26	12.589	1654	1659	1669	rVB3	67682	154717	5.46%	0.802%
27	12.677	1670	1674	1680	rBV9	32492	64633	2.28%	0.335%
28	12.759	1683	1688	1697	rVB9	43048	109343	3.86%	0.567%
29	12.853	1699	1704	1709	rVV8	22073	46241	1.63%	0.240%
30	13.153	1749	1755	1761	rBV8	27992	55132	1.94%	0.286%
31	13.253	1765	1772	1779	rVB	1571204	2436322	85.93%	12.631%
32	13.441	1799	1804	1809	rBV5	35187	76271	2.69%	0.395%
33	13.646	1836	1839	1842	rBV4	21717	31850	1.12%	0.165%
34	13.758	1853	1858	1862	rBV4	52867	103233	3.64%	0.535%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

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-BG091115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.869	1873	1877	1880	rBV3	72884	106565	3.76%	0.552%
36	13.911	1881	1884	1889	rVB	52016	73171	2.58%	0.379%
37	14.075	1907	1912	1917	rVV	184391	250458	8.83%	1.298%
38	14.128	1917	1921	1926	rVB2	42218	68341	2.41%	0.354%
39	14.234	1935	1939	1941	rBV5	18216	29683	1.05%	0.154%
40	14.627	2001	2006	2016	rVB2	431640	742616	26.19%	3.850%
41	15.109	2086	2088	2095	rVB4	26212	36623	1.29%	0.190%
42	15.673	2180	2184	2190	rVB5	68531	108855	3.84%	0.564%
43	16.120	2254	2260	2274	rVB	1145493	1816464	64.07%	9.417%
44	16.878	2385	2389	2392	rBV3	56569	105670	3.73%	0.548%
45	17.371	2468	2473	2479	rBV2	593338	873320	30.80%	4.528%
46	18.264	2621	2625	2630	rBV2	137235	199017	7.02%	1.032%
47	19.980	2912	2917	2923	rVB	2166754	2835214	100.00%	14.699%
48	21.631	3193	3198	3208	rVB	609408	973096	34.32%	5.045%
49	24.827	3733	3742	3753	rVB2	344921	962610	33.95%	4.990%

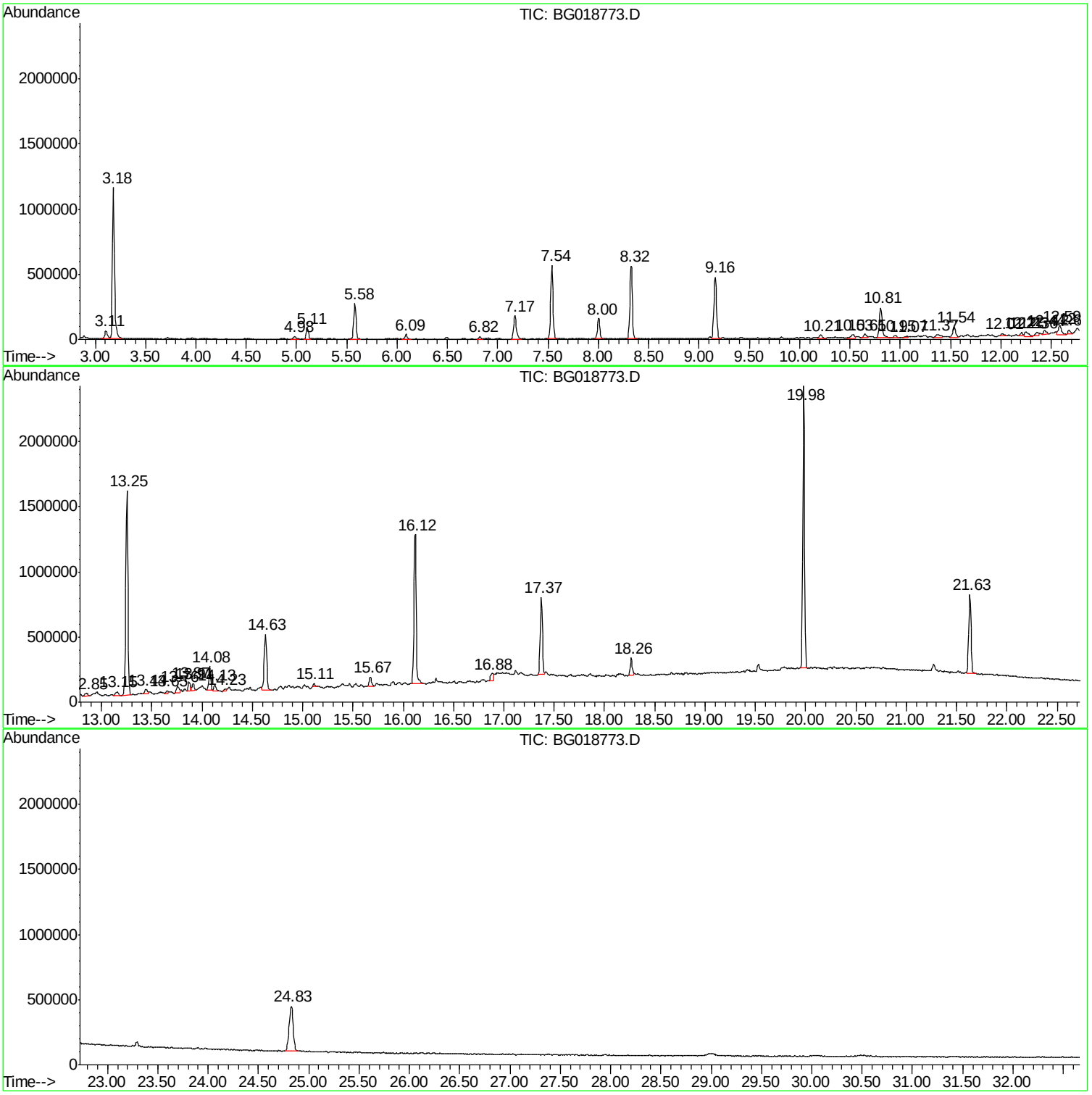
Sum of corrected areas: 19288849

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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_G\DATA\BG091915\
Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

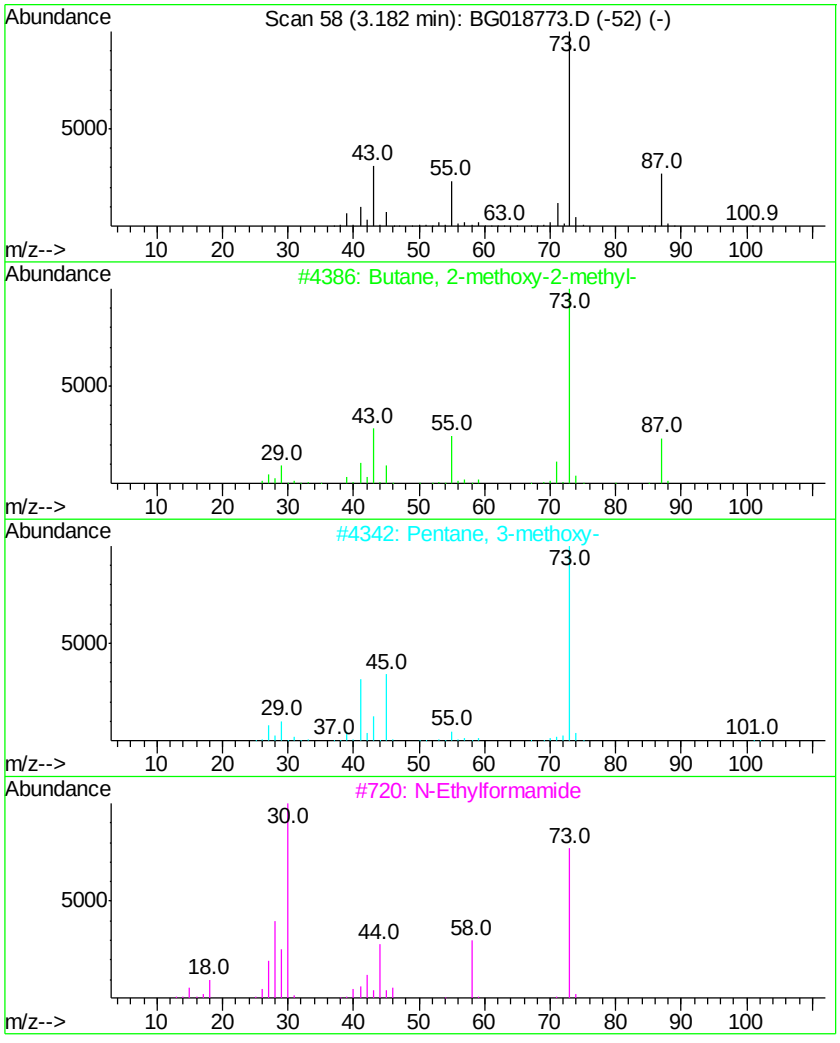
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

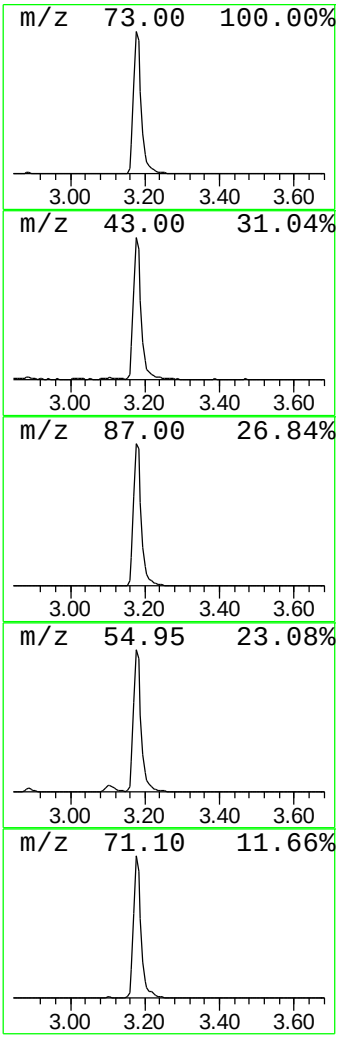
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	124.88 ng	1641590	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

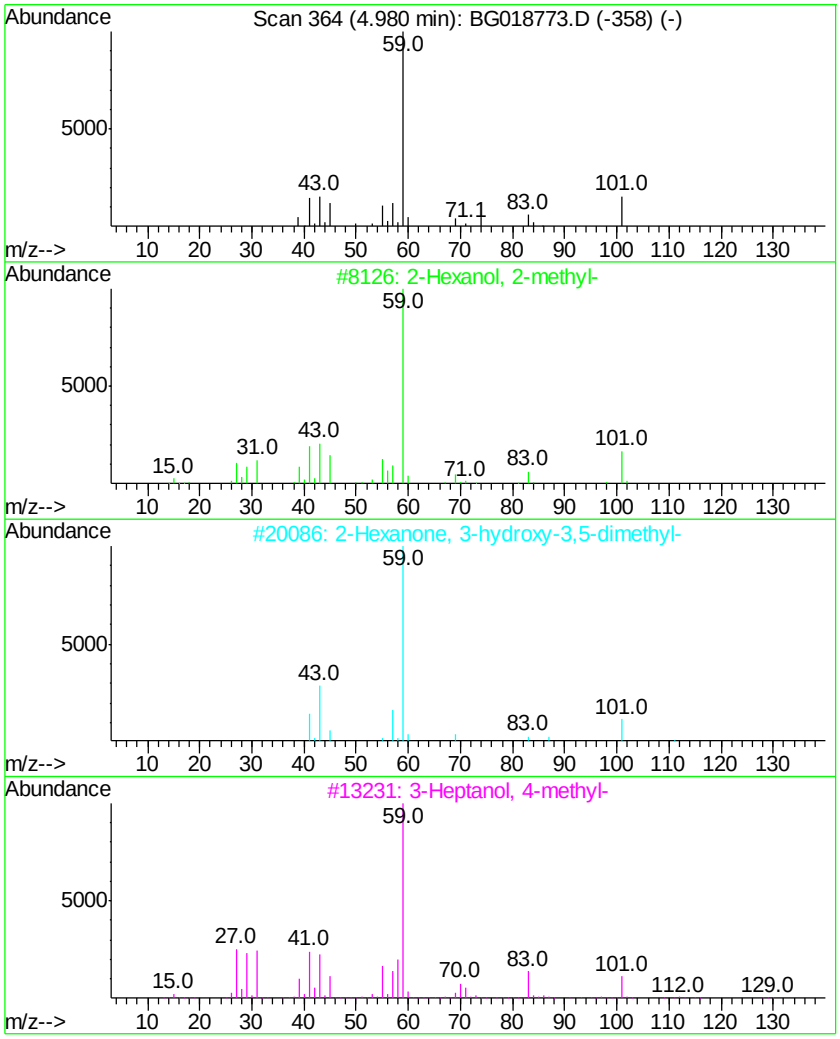
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

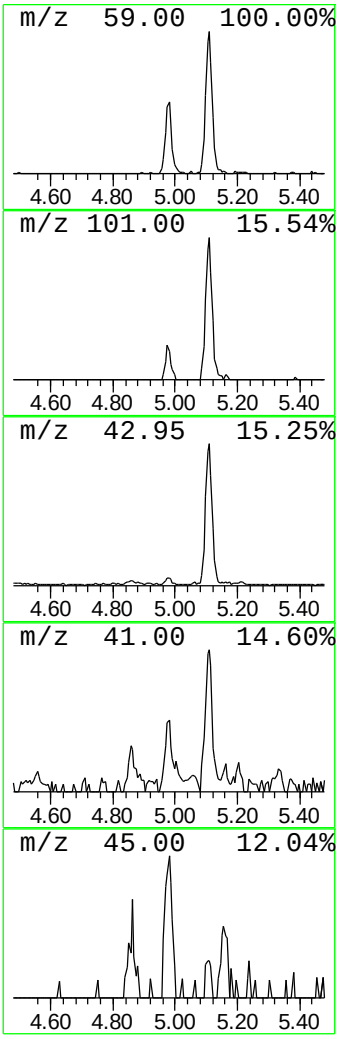
****

Peak Number 3 2-Hexanol, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	2.93 ng	38554	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	83
2	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	64
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	56
4	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	56
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

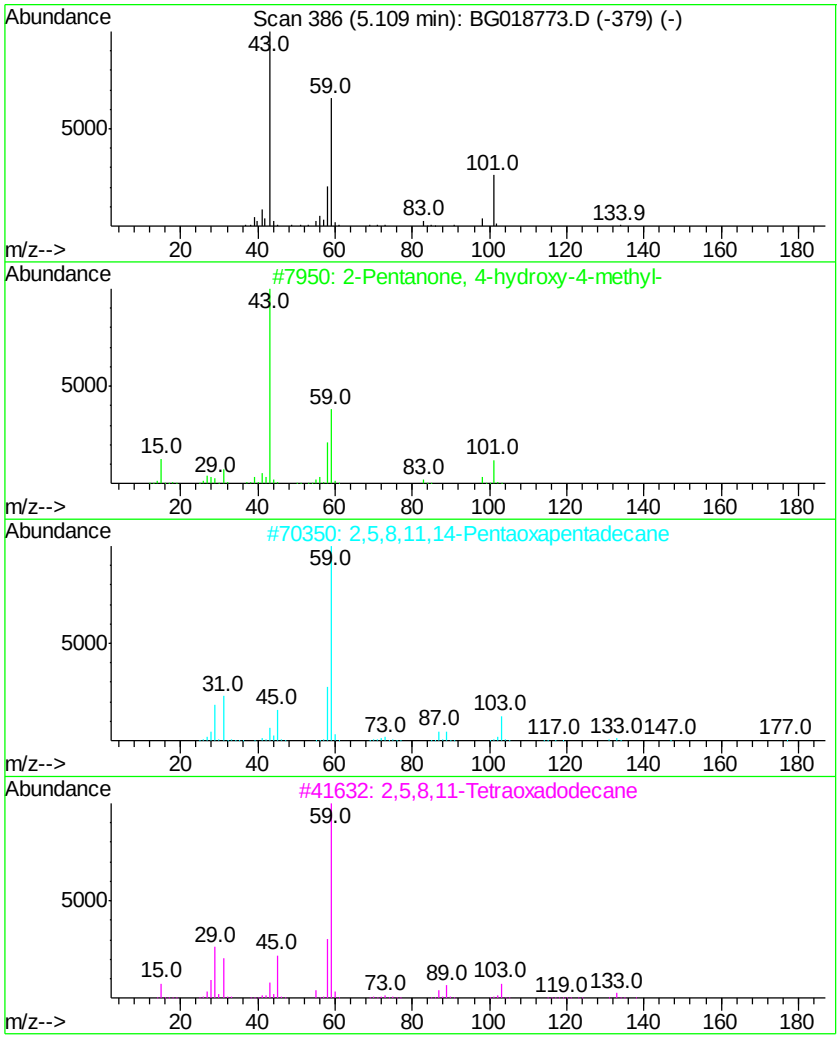
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

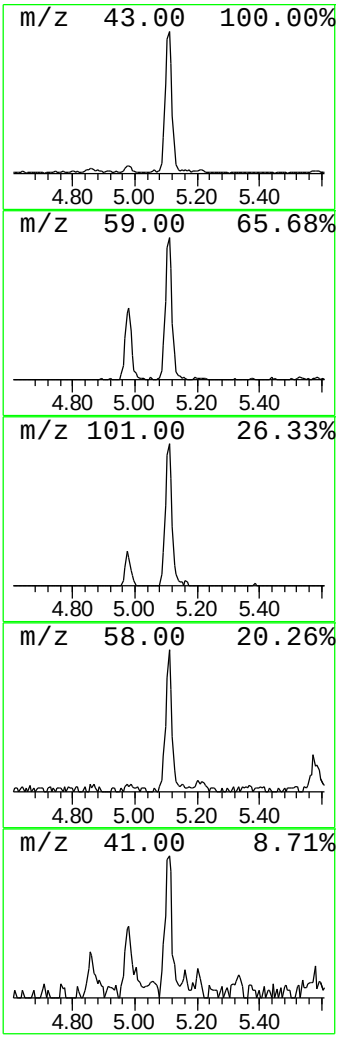
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	10.25 ng	134742	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	25
3	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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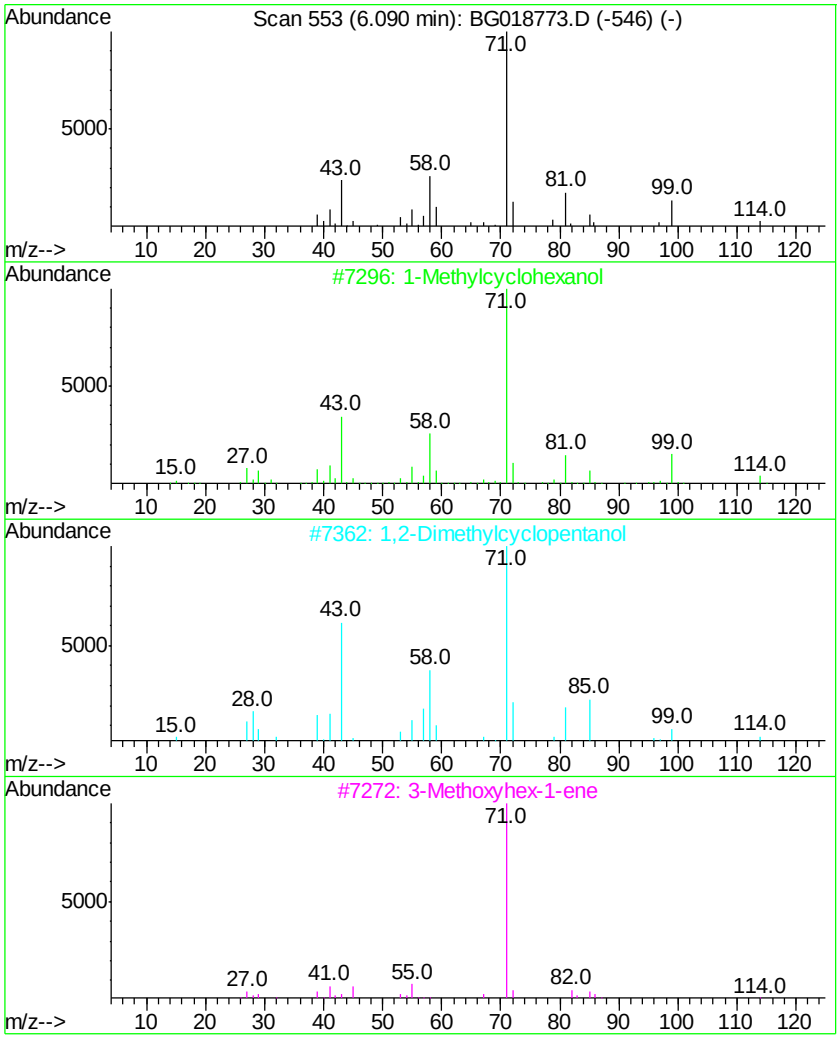
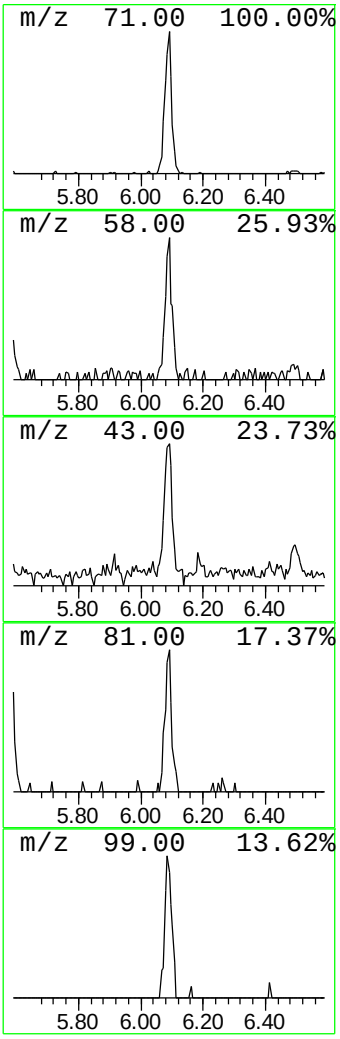
Peak Number 5 1-Methylcyclohexanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	4.77 ng	62690	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcyclohexanol	114	C7H14O	000590-67-0	91
2	1,2-Dimethylcyclopentanol	114	C7H14O	019550-45-9	50
3	3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	38
4	2,4-Dimethyl-1-penten-3-ol	114	C7H14O	019781-54-5	33
5	trans-2-Methyl-4-hexen-3-ol	114	C7H14O	096346-76-8	28





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

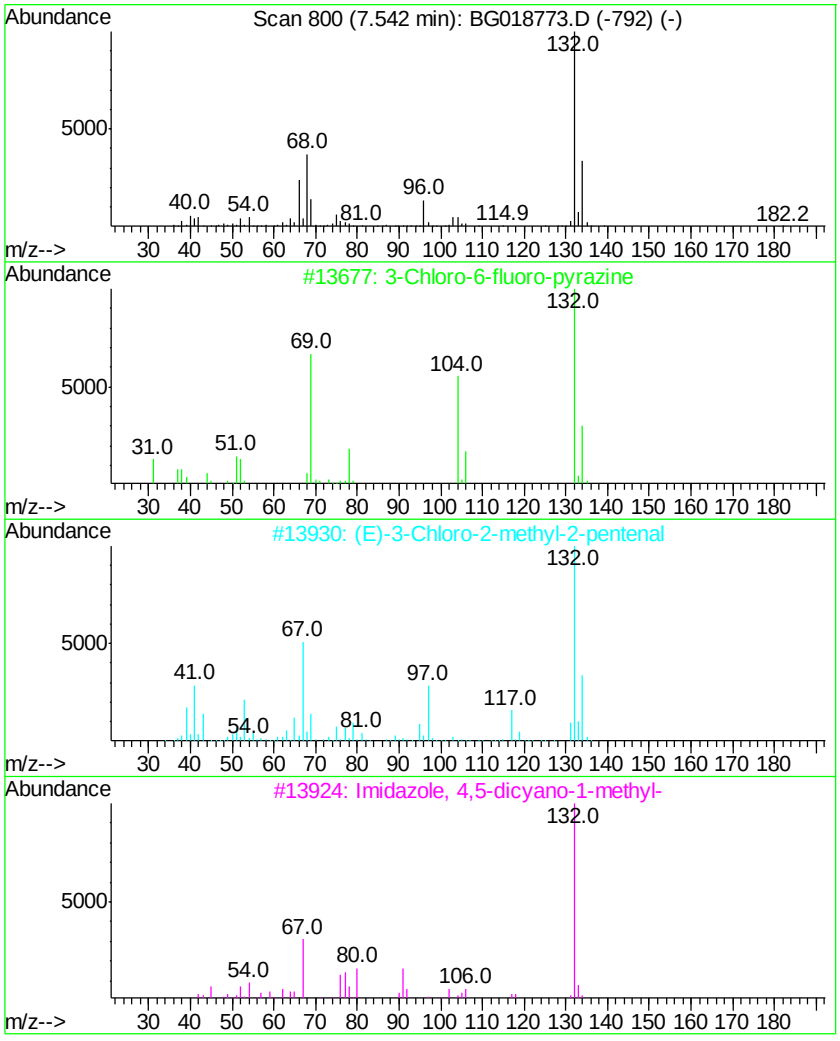
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

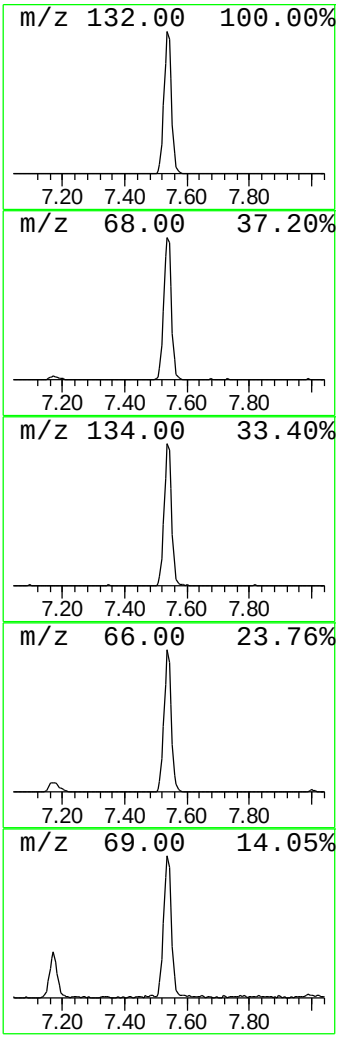
****

Peak Number 6 unknown7.54 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	72.34 ng	950949	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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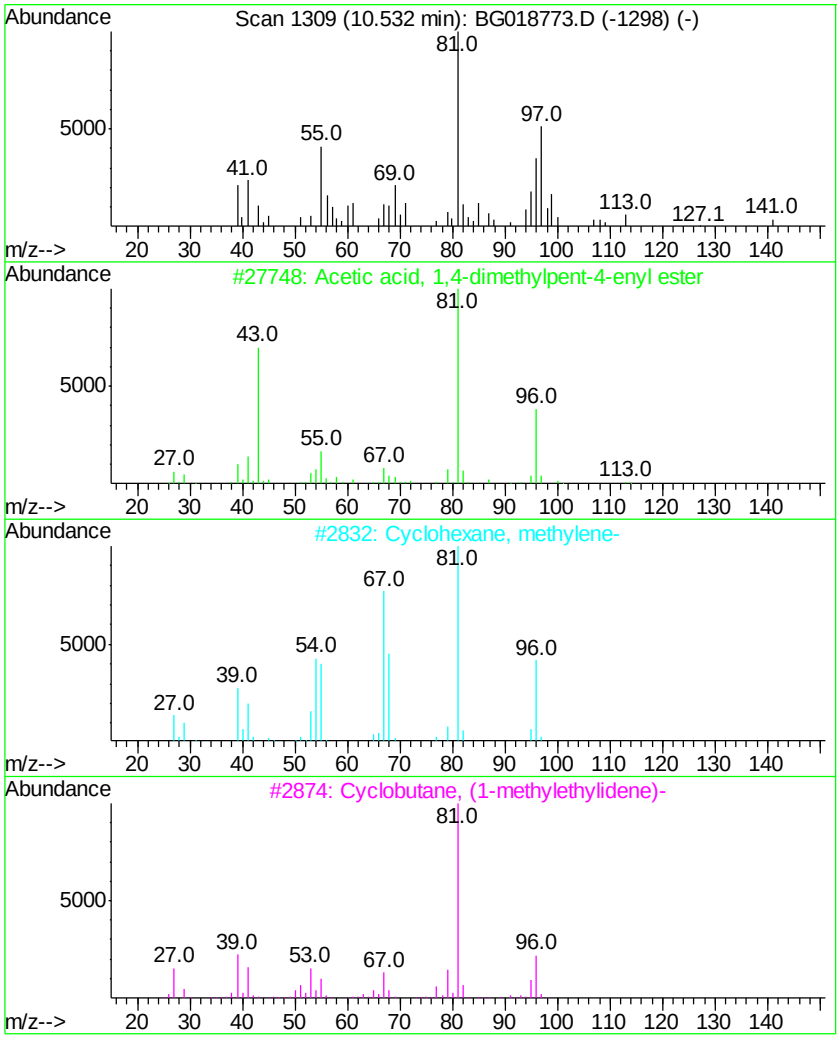
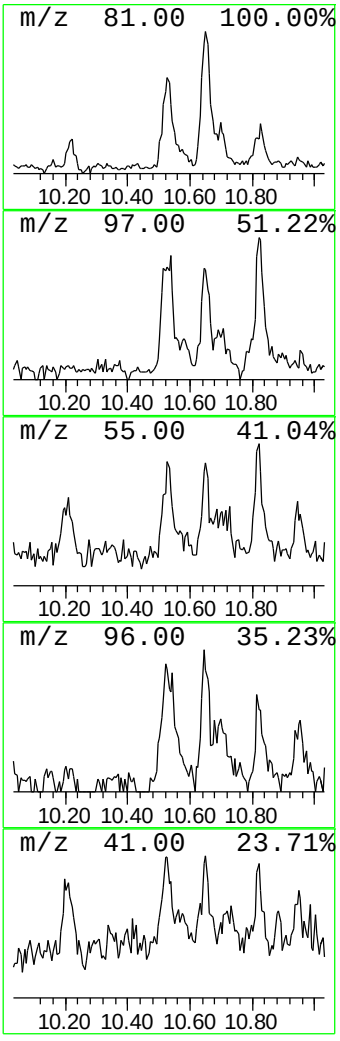
Peak Number 8 unknown10.53 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.85 ng	66633	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,4-dimethylpent-4-...	156	C9H16O2	1000186-38-5	43
2	Cyclohexane, methylene-	96	C7H12	001192-37-6	43
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	43
4	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	43
5	Pentalene, octahydro-2,5-dimethyl-	138	C10H18	028588-55-8	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
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Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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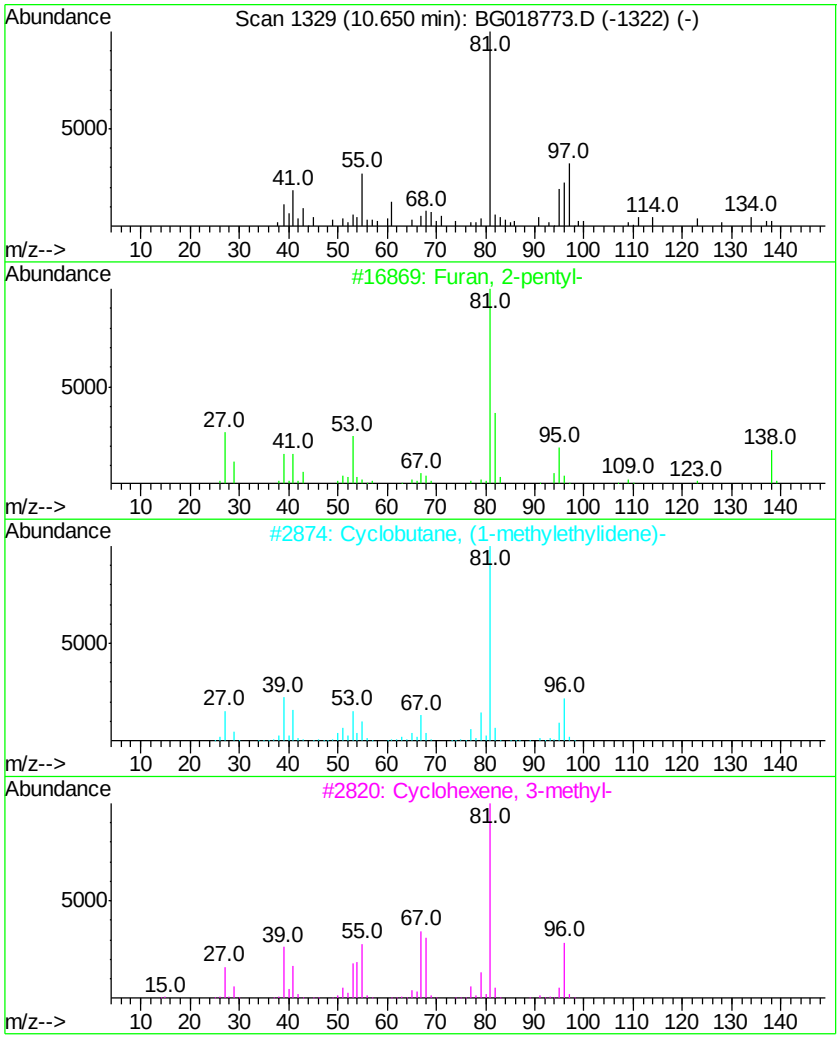
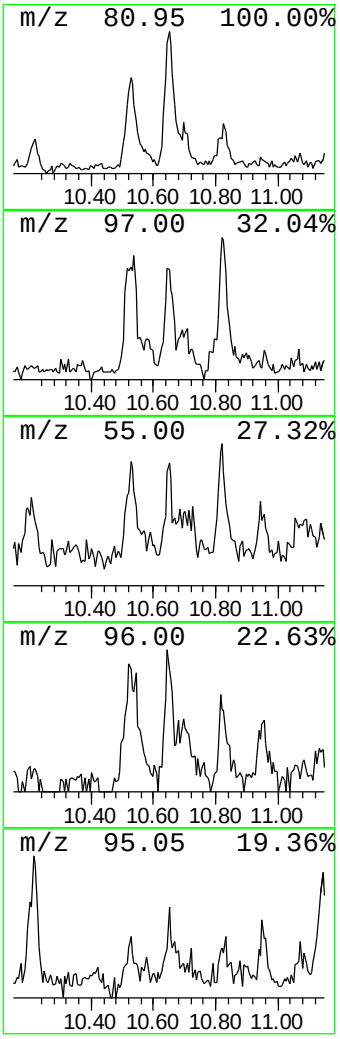
Peak Number 9 unknown10.65 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.64 ng	61891	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-pentyl-	138	C9H14O	003777-69-3	28
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	28
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	9
4	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	9
5	Furan, 2-ethyl-	96	C6H8O	003208-16-0	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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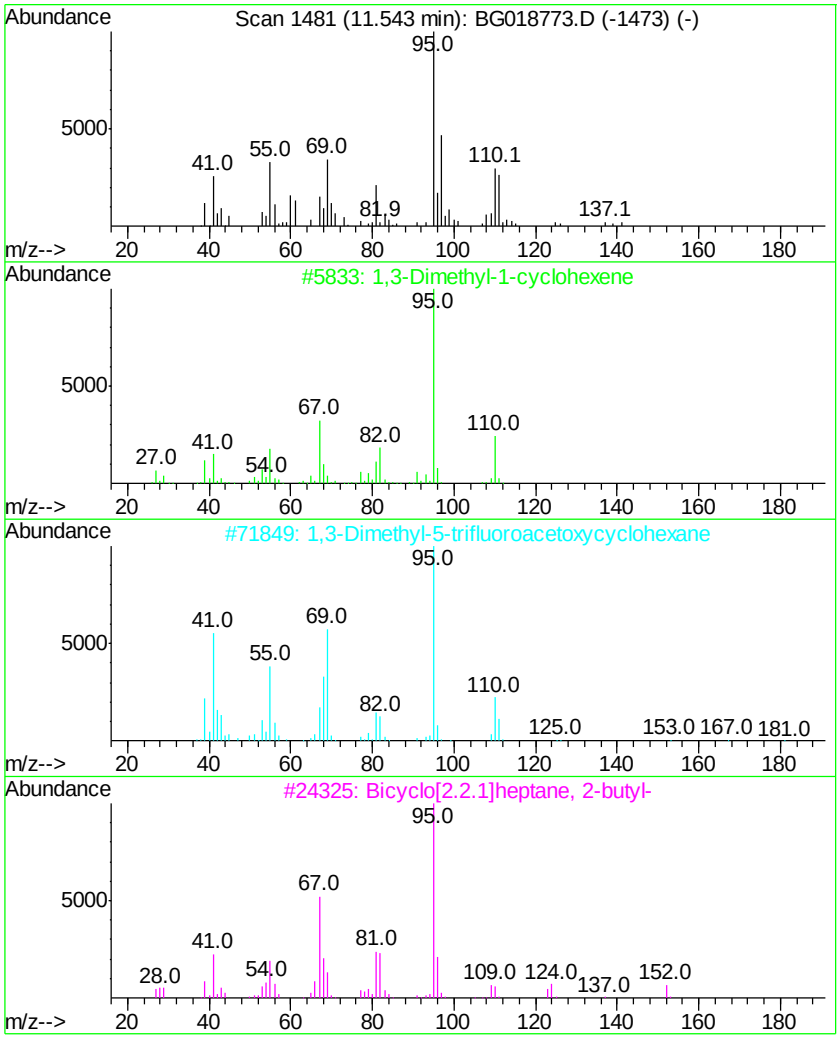
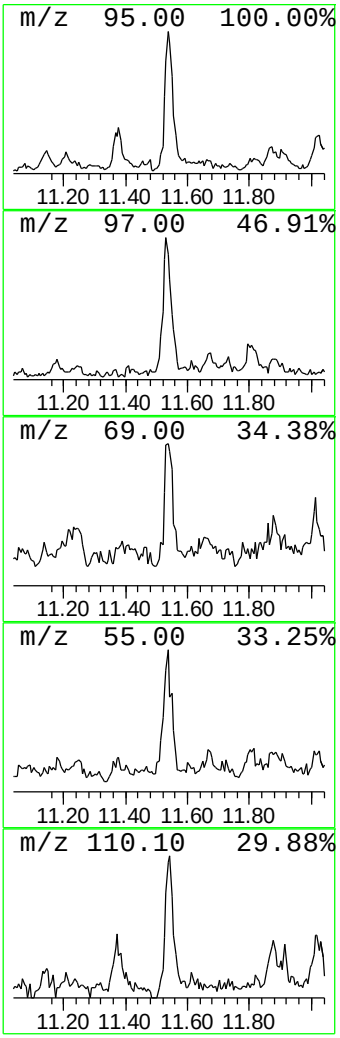
Peak Number 10 unknown11.54 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	6.88 ng	161088	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38
2	1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	37
3	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	35
4	2-Furancarboxylic acid, 2-propen...	152	C8H8O3	004208-49-5	27
5	2-Norbornyl bromide	174	C7H11Br	029342-65-2	16





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Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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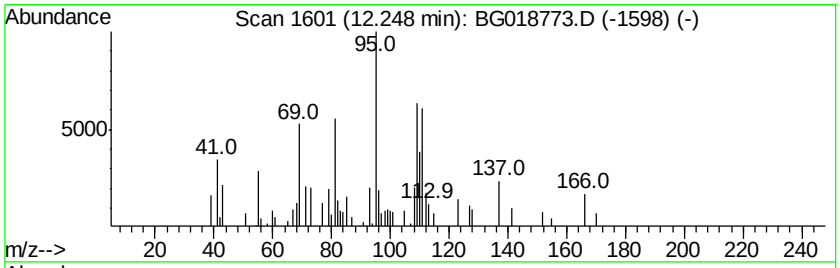
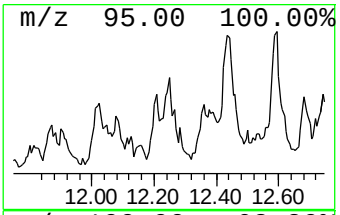
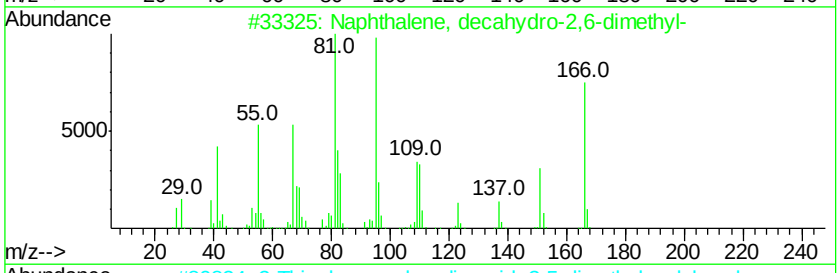
Peak Number 11 unknown12.25 Concentration Rank 10

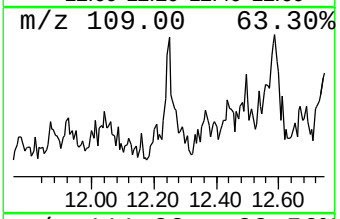
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.87 ng	90590	Naphthalene-d8	10.81

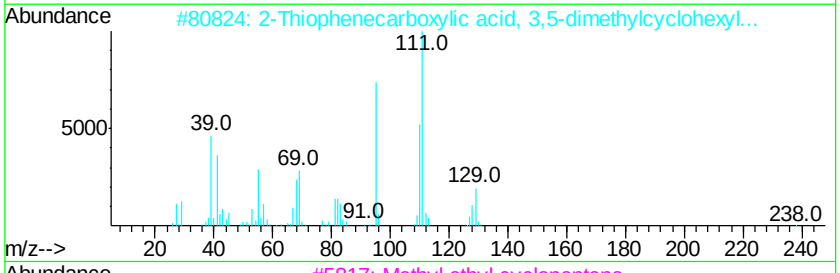
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	45
2	2-Thiophenecarboxylic acid, 3,5-...	238	C13H18O2S	1000278-87-5	35
3	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	35
4	Methallyl cyanide	81	C5H7N	004786-19-0	25
5	3-Pyridinecarboxylic acid, 1,2-d...	139	C6H5NO3	000609-71-2	25

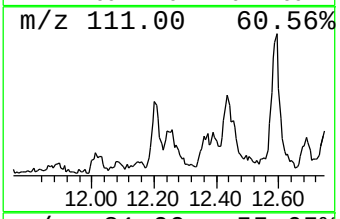


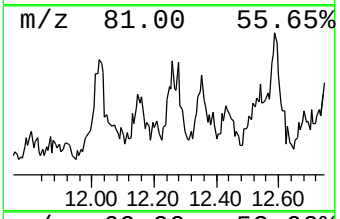


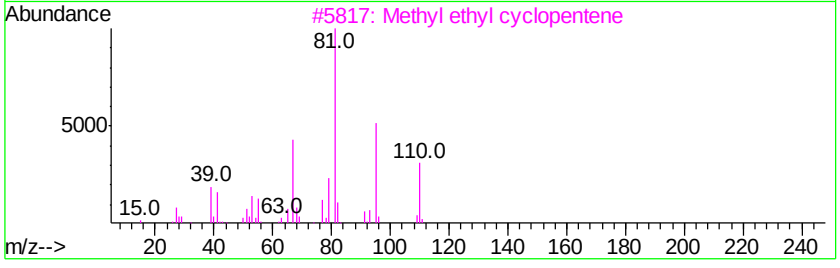


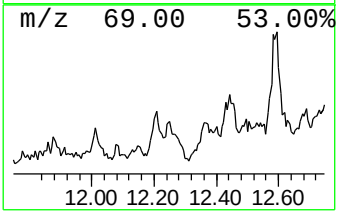












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Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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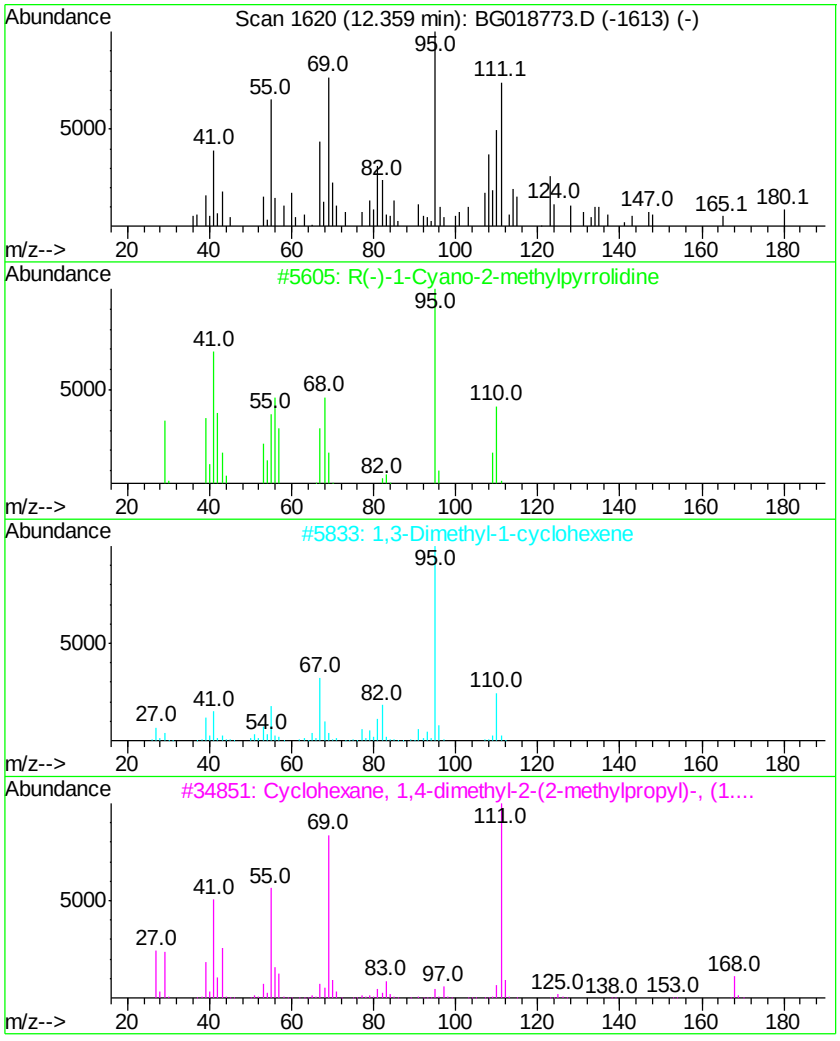
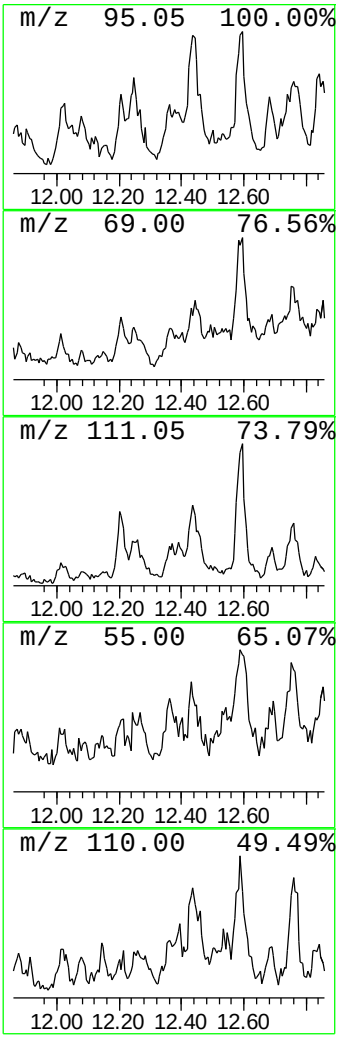
Peak Number 12 unknown12.36 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	2.92 ng	68418	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R(-)-1-Cyano-2-methylpyrrolidine	110	C6H10N2	1000145-01-8	38
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	30
3	Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	27
4	4-Methyl-1,3-heptadiene (c,t)	110	C8H14	017603-57-5	27
5	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	27





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Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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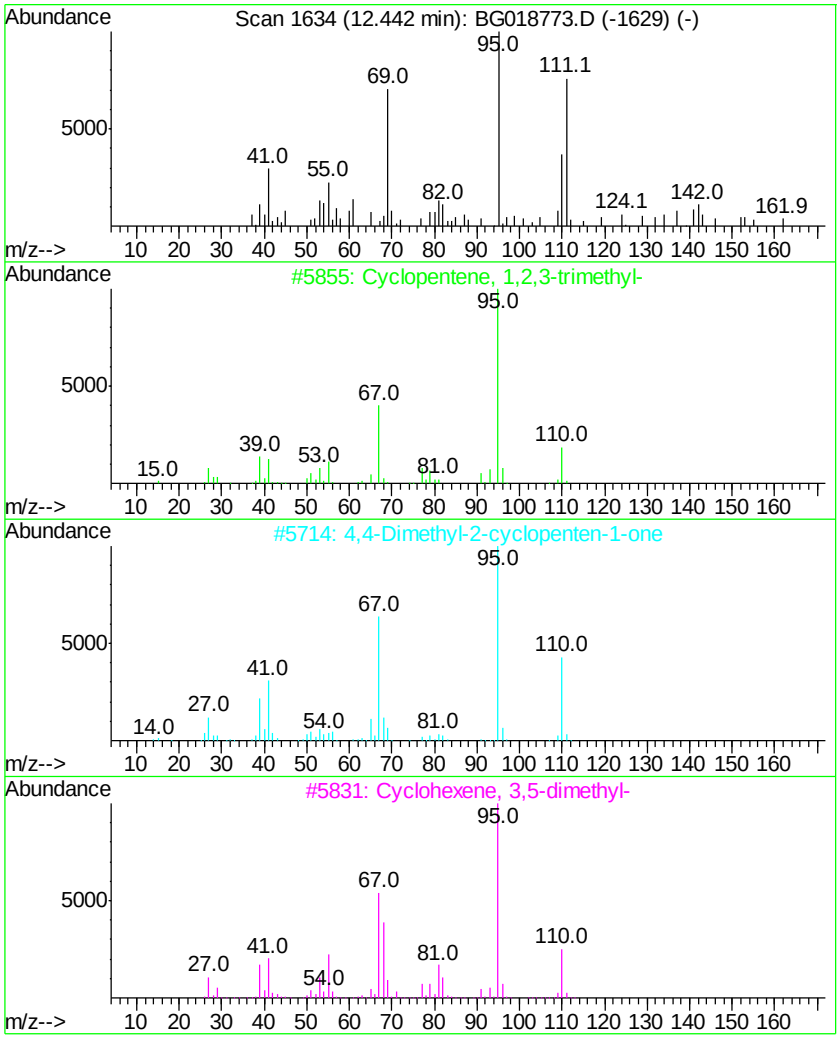
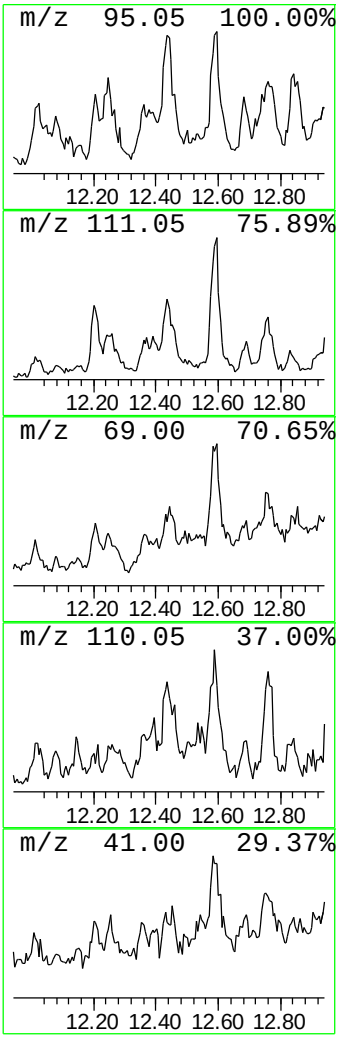
Peak Number 13 unknown12.44 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.77 ng	64974	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	43
2	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	38
3	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	38
4	1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	37
5	Cyclopropane, 2-(1,1-dimethyl-2-...	166	C12H22	074663-76-6	32





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Misc :
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ClientSampleId : MW-10

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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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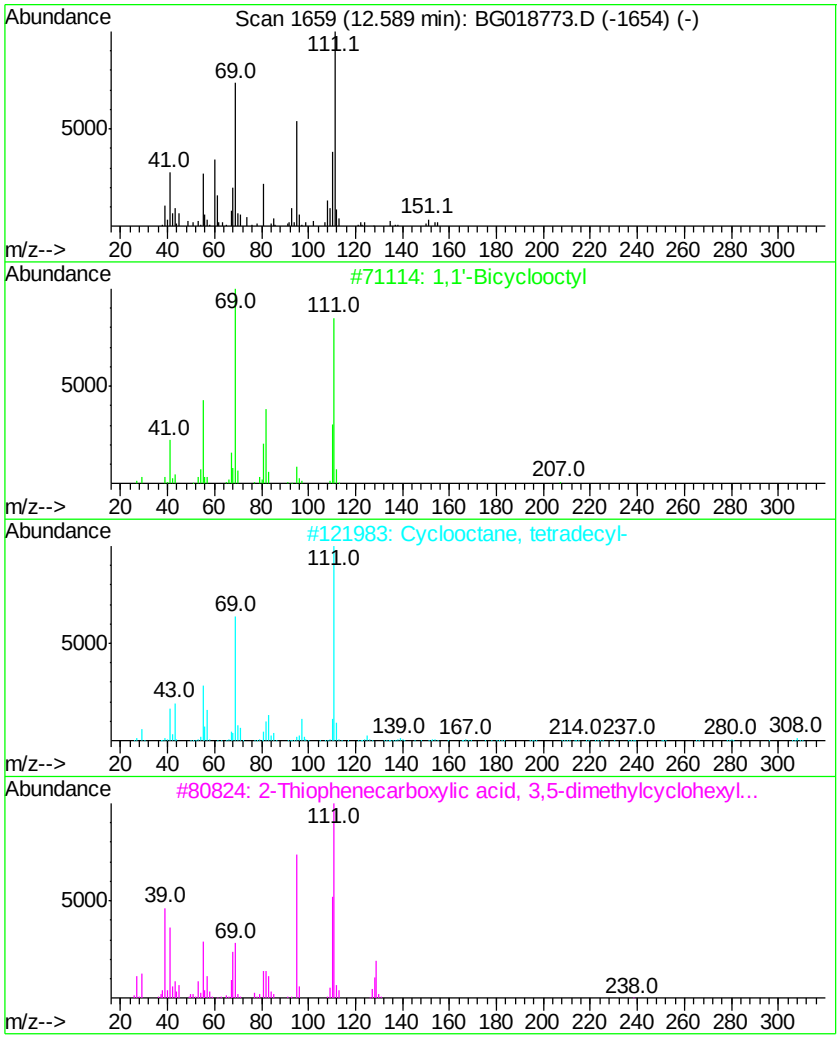
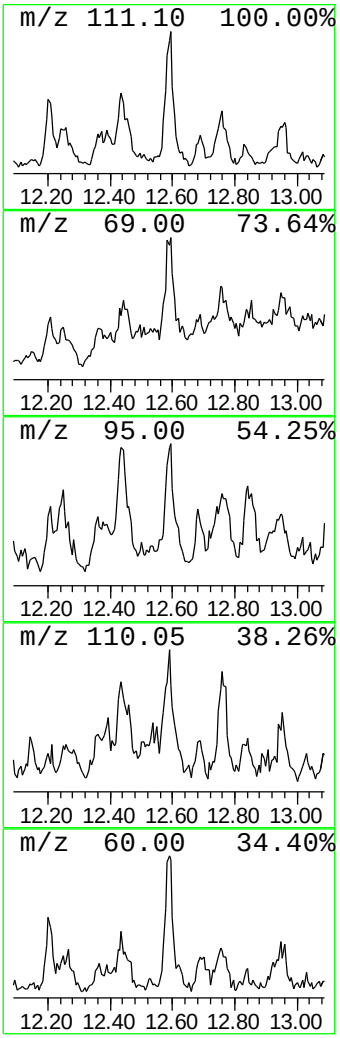
Peak Number 14 1,1'-Bicyclooctyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	6.61 ng	154717	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	50
2	Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	43
3	2-Thiophenecarboxylic acid, 3,5-...	238	C13H18O2S	1000278-87-5	43
4	Imidazole-4-carboxamide	111	C4H5N3O	026832-08-6	35
5	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	35





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Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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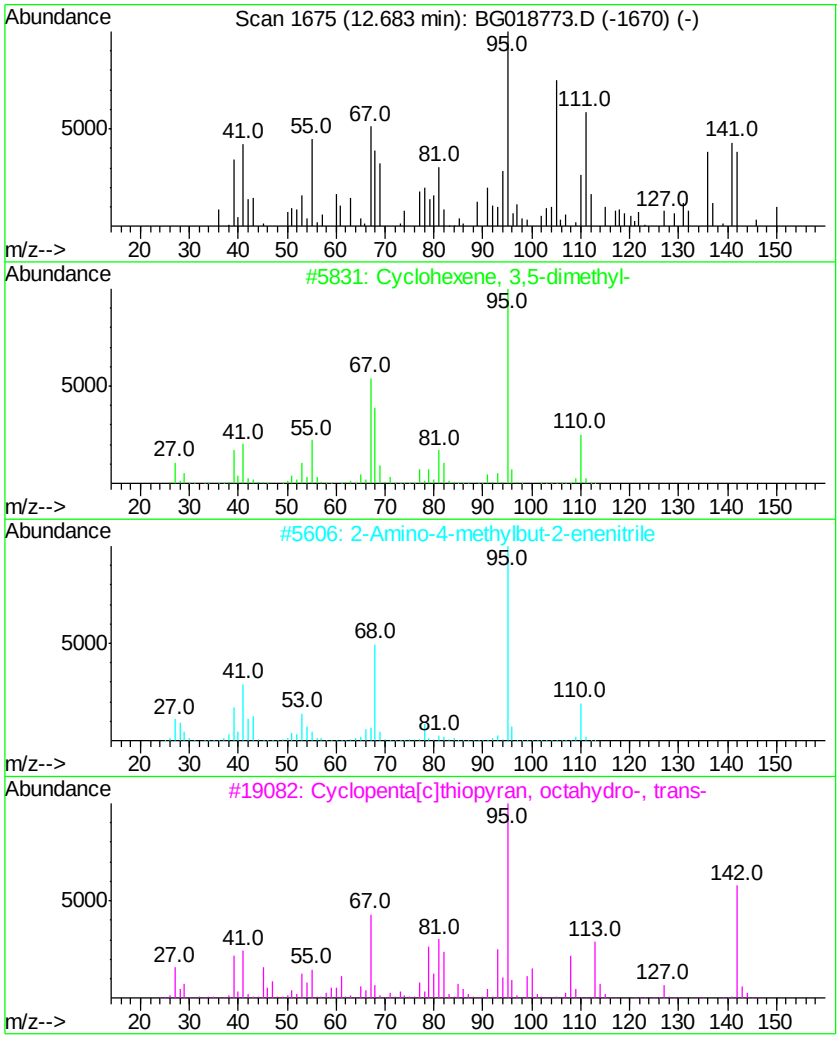
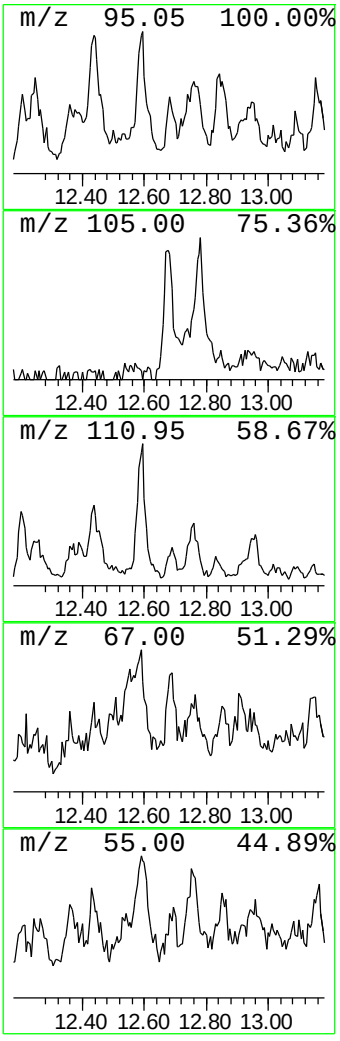
Peak Number 15 unknown12.68 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	2.76 ng	64633	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	22
2	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	22
3	Cyclopenta[c]thiopyran, octahydr...	142	C8H14S	054004-37-4	18
4	Benzo[c]thiophene, octahydro-, t...	142	C8H14S	051153-54-9	14
5	Santolina epoxide	152	C10H16O	060485-45-2	14





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Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

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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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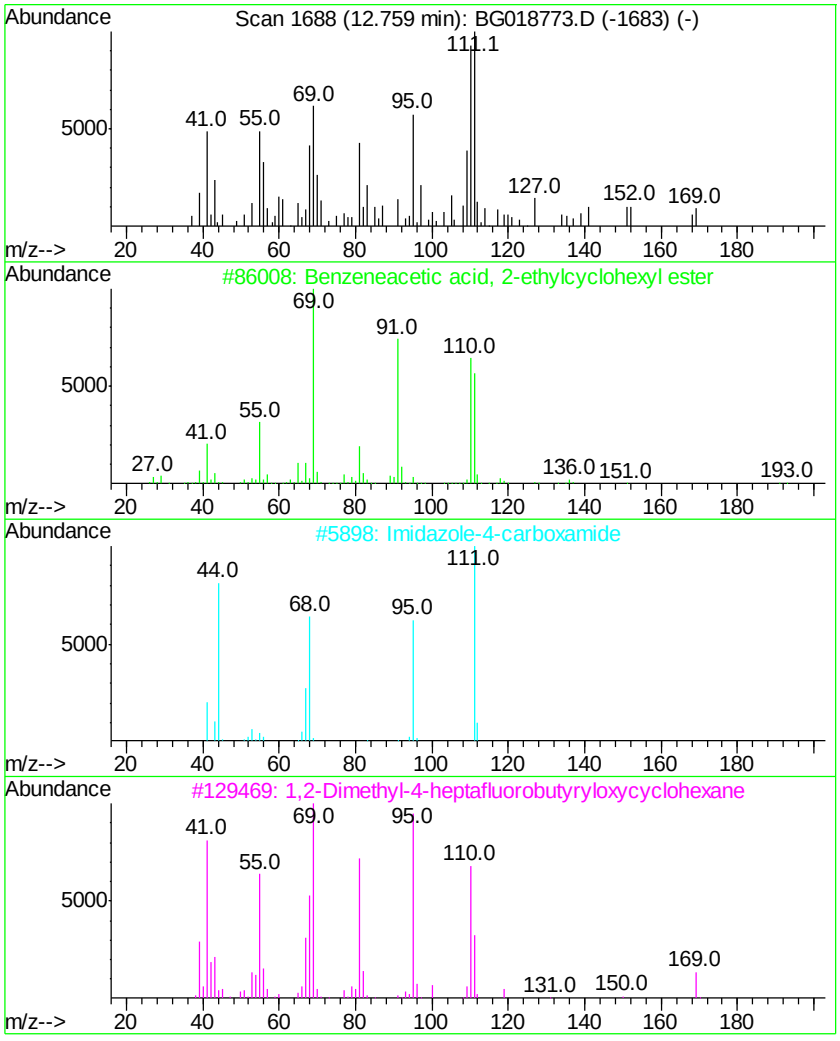
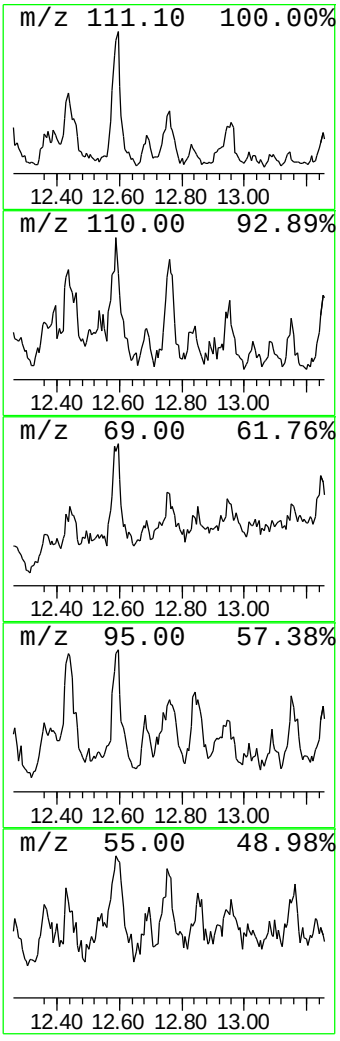
Peak Number 16 unknown12.76 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.94 ng	109343	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 2-ethylcyclo...	246	C16H22O2	1000282-63-9	38
2	Imidazole-4-carboxamide	111	C4H5N3O	026832-08-6	35
3	1,2-Dimethyl-4-heptafluorobutyry...	324	C12H15F7O2	1000216-64-4	35
4	Thujone	152	C10H16O	000546-80-5	32
5	Iridomyrmecin	168	C10H16O2	000485-43-8	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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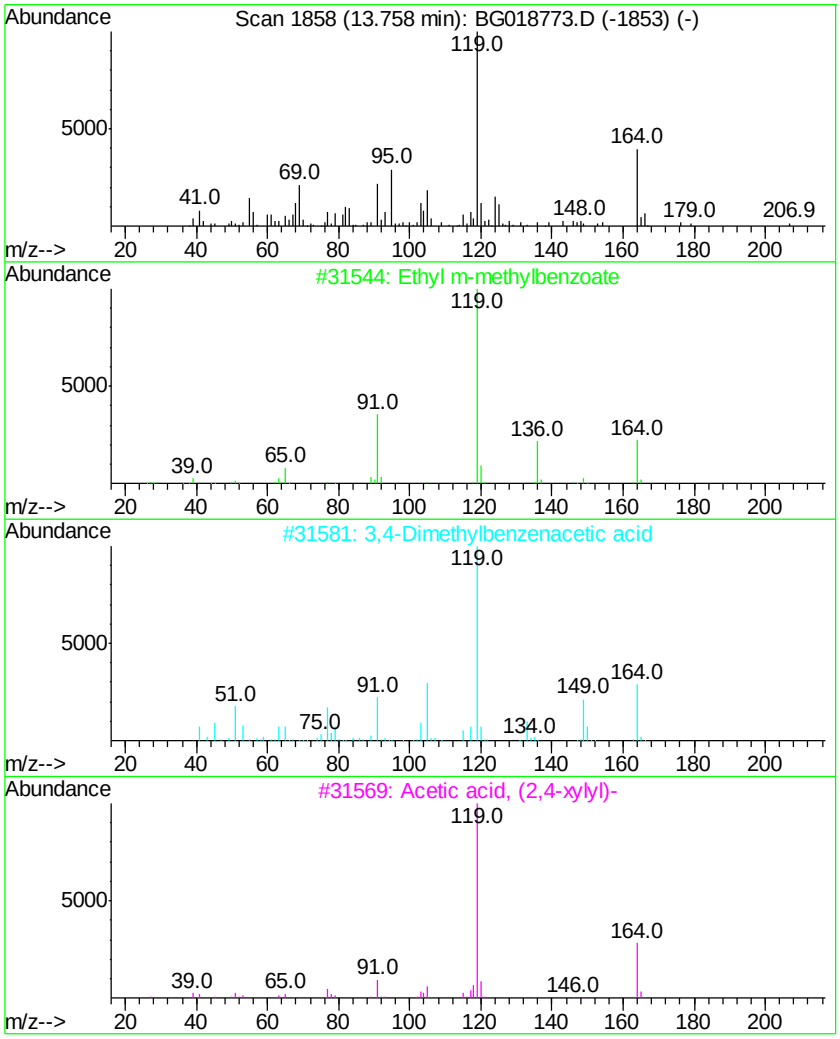
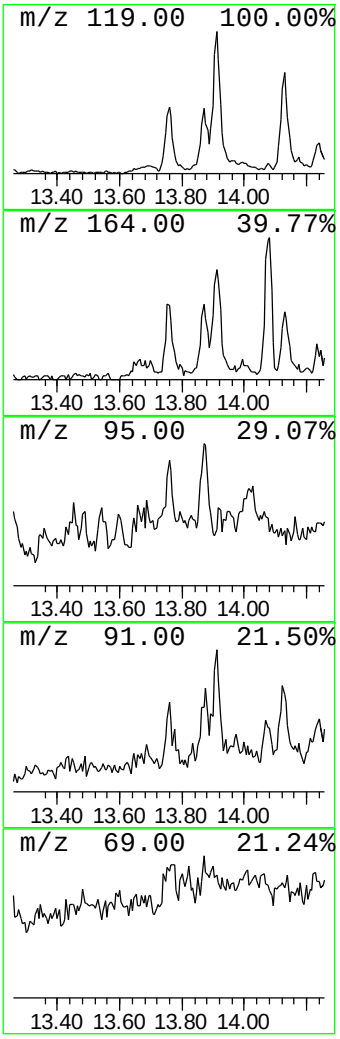
Peak Number 17 Ethyl m-methylbenzoate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.78 ng	103233	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	62
2	3,4-Dimethylbenzenacetic acid	164	C10H12O2	017283-16-8	53
3	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	53
4	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	45
5	2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	45





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Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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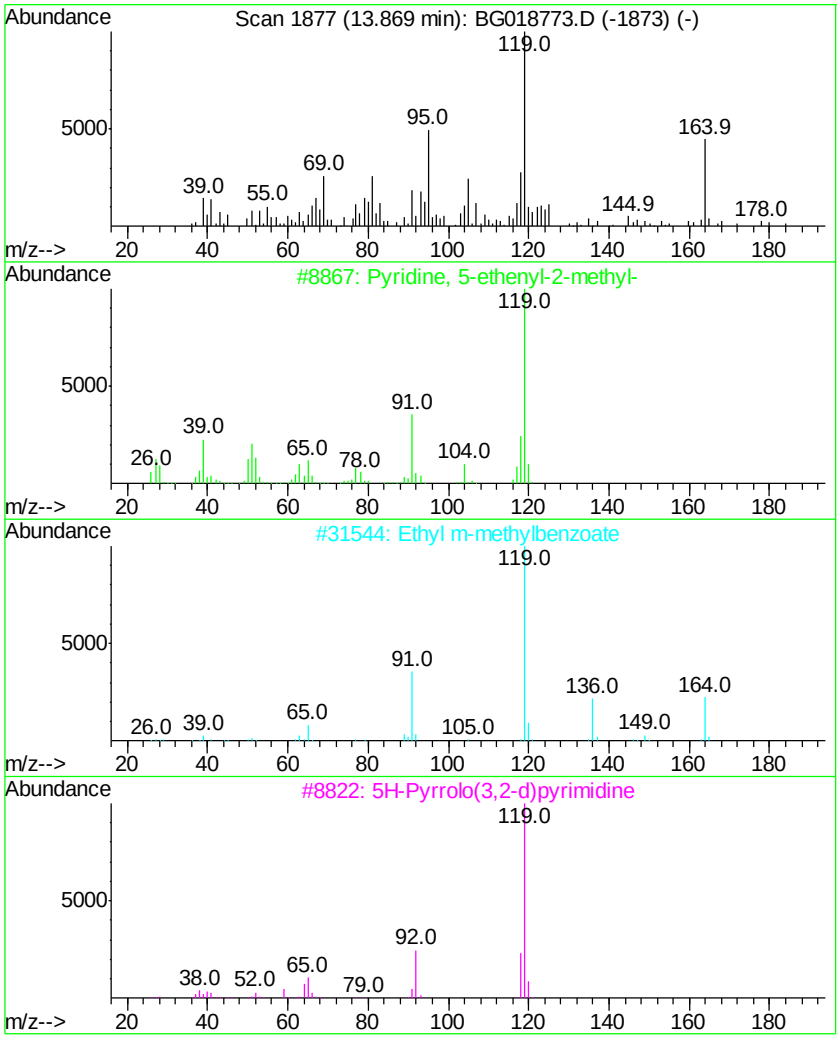
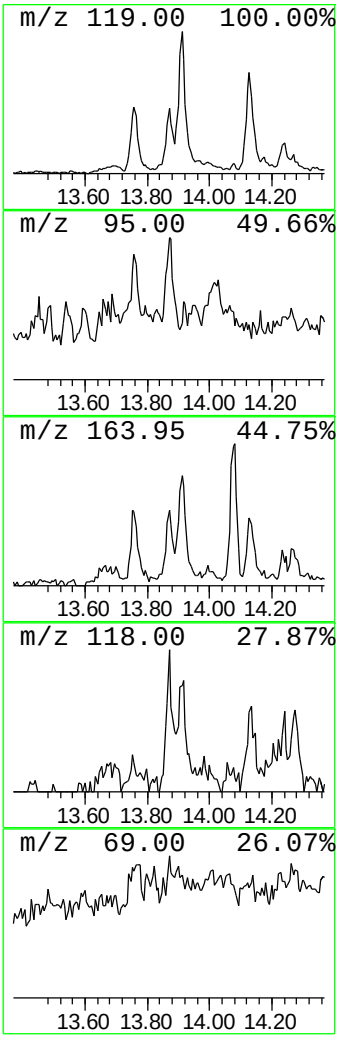
Peak Number 18 unknown13.87 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.87 ng	106565	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	45
2	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	43
3	5H-Pyrrolo(3,2-d)pyrimidine	119	C6H5N3	000272-50-4	38
4	2-(1,4,4-Trimethylcyclohex-2-eny...	242	C13H22S2	1000191-03-0	27
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	27





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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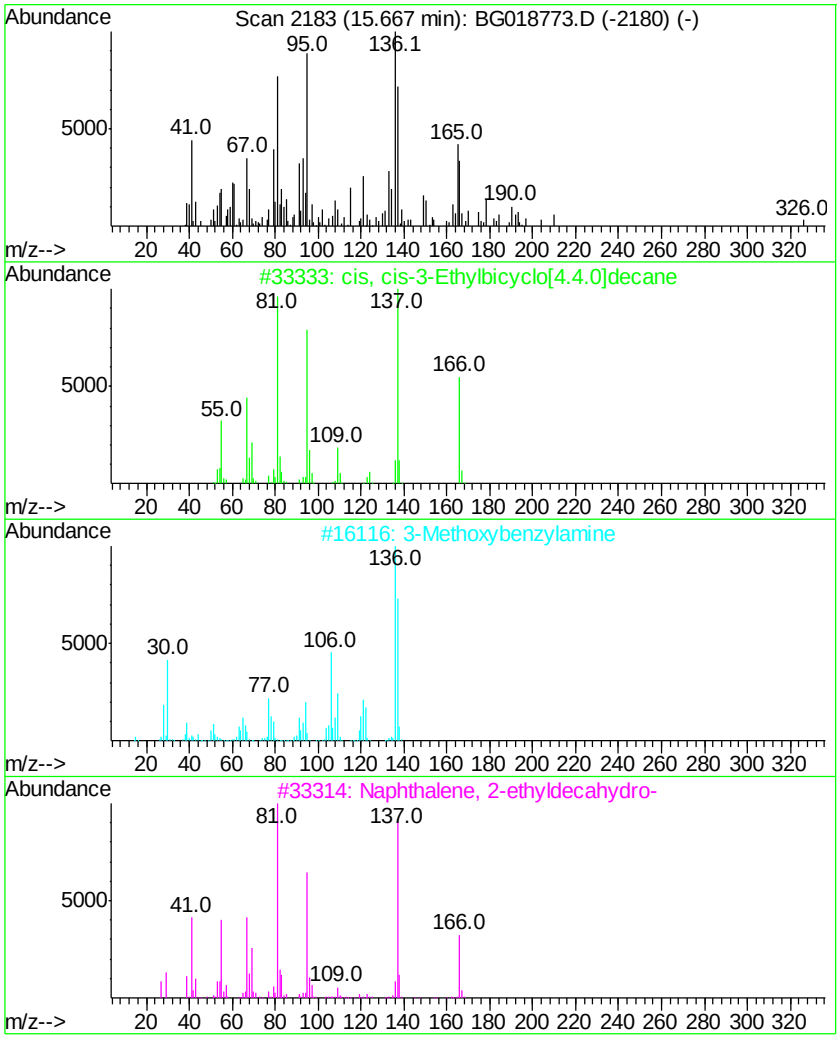
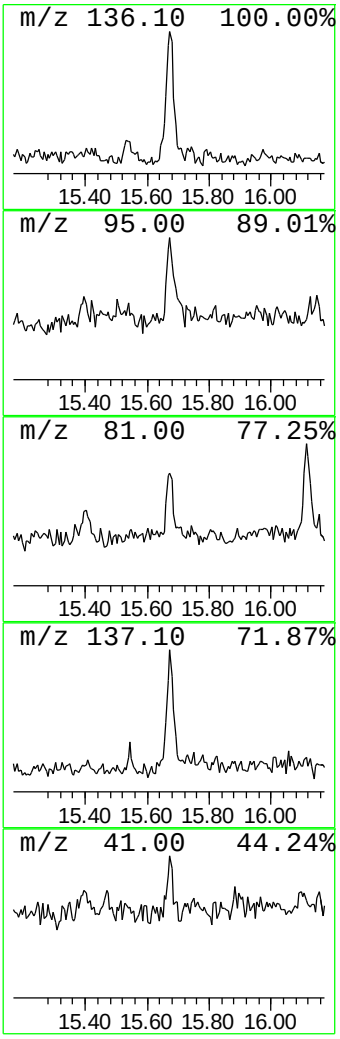
Peak Number 19 unknown15.67 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.93 ng	108855	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	41
2	3-Methoxybenzylamine	137	C8H11NO	005071-96-5	38
3	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	30
4	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	30
5	2(1H)-Pyridinethione, 1-ethenyl-	137	C7H7NS	019006-83-8	30





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TIC Library : C:\DATABASE\NIST02.L
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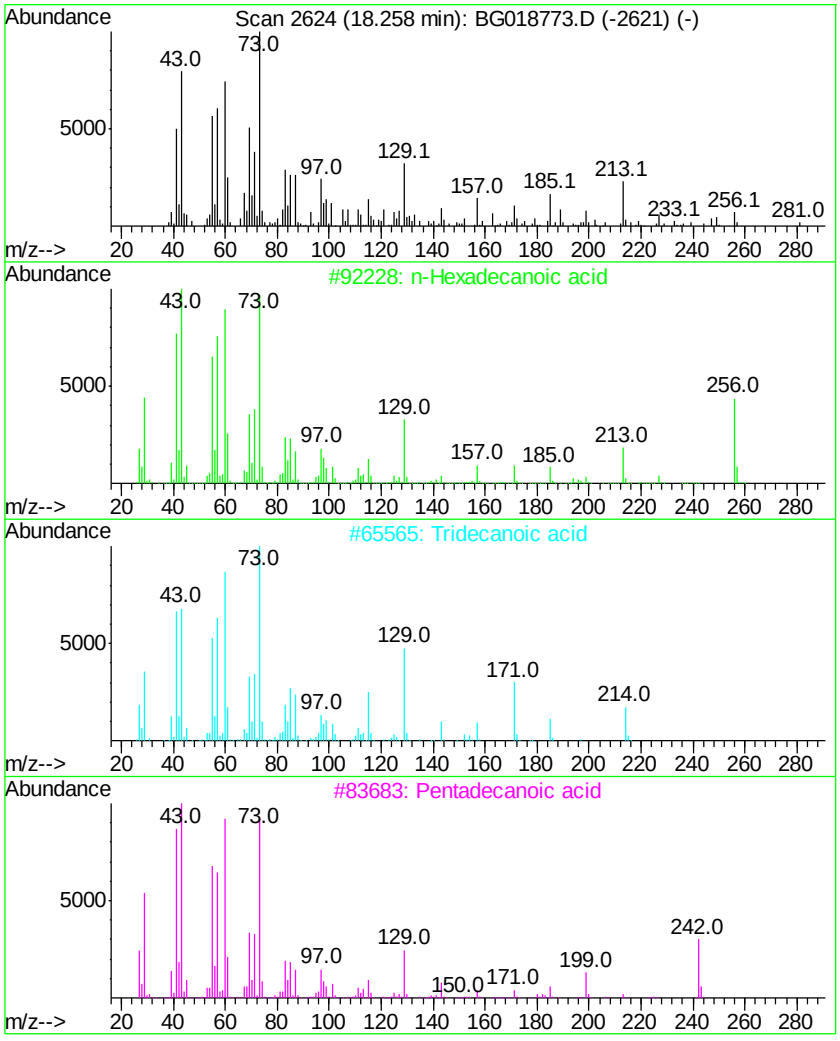
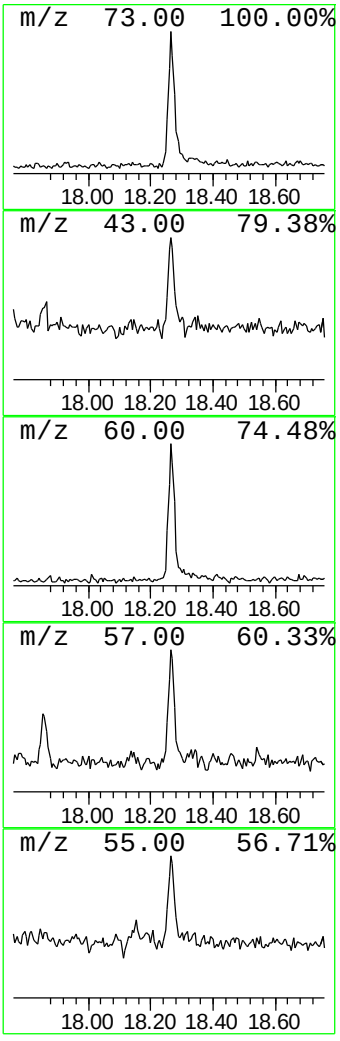
Peak Number 20 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	4.56 ng	199017	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018773.D
Acq On : 18 Sep 2015 17:49
Operator : TP
Sample : G3706-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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
Butane, 2-methoxy...	3.18	124.9	ng	1641590	1	8.01	262900	20.0
2-Hexanol, 2-methyl-	4.98	2.9	ng	38554	1	8.01	262900	20.0
2-Pentanone, 4-hy...	5.11	10.3	ng	134742	1	8.01	262900	20.0
1-Methylcyclohexanol	6.09	4.8	ng	62690	1	8.01	262900	20.0
unknown7.54	7.54	72.3	ng	950949	1	8.01	262900	20.0
unknown10.53	10.53	2.9	ng	66633	2	10.81	468364	20.0
unknown10.65	10.65	2.6	ng	61891	2	10.81	468364	20.0
unknown11.54	11.54	6.9	ng	161088	2	10.81	468364	20.0
unknown12.25	12.25	3.9	ng	90590	2	10.81	468364	20.0
unknown12.36	12.36	2.9	ng	68418	2	10.81	468364	20.0
unknown12.44	12.44	2.8	ng	64974	2	10.81	468364	20.0
1,1'-Bicyclooctyl	12.59	6.6	ng	154717	2	10.81	468364	20.0
unknown12.68	12.68	2.8	ng	64633	2	10.81	468364	20.0
unknown12.76	12.76	2.9	ng	109343	3	14.63	742616	20.0
Ethyl m-methylben...	13.76	2.8	ng	103233	3	14.63	742616	20.0
unknown13.87	13.87	2.9	ng	106565	3	14.63	742616	20.0
unknown15.67	15.67	2.9	ng	108855	3	14.63	742616	20.0
n-Hexadecanoic acid	18.26	4.6	ng	199017	4	17.37	873320	20.0