LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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	3.102	40	45	53	rBV2	63203	112661	3.07%	0.507%
2	3.179	53	58	73	rVB	1196746	1642668	44.75%	7.399%
3	5.106	379	386	391	rBV	85095	129394	3.52%	0.583%
4	5.576	458	466	473	rBV	296169	469819	12.80%	2.116%
5	6.269	578	584	589	rBV5	20334	41192	1.12%	0.186%
6	6.493	616	622	630	rBV3	20829	46008	1.25%	0.207%
7	7.162	729	736	750	rBV	194529	354098	9.65%	1.595%
8	7.533	793	799	807	rVB	650447	1099445	29.95%	4.952%
9	8.003	872	879	887	rBV	149716	251793	6.86%	1.134%
10	8.326	927	934	940	rBV	633315	1062254	28.94%	4.785%
11	9.160	1070	1076	1083	rVB	528073	889510	24.23%	4.007%
12	9.366	1106	1111	1118	rVB9	17065	43991	1.20%	0.198%
13	9.460	1118	1127	1135	rVB4	18670	51230	1.40%	0.231%
14	9.630	1151	1156	1161	rVB	45642	74955	2.04%	0.338%
15	10.000	1209	1219	1221	rBV9	27048	65610	1.79%	0.296%
16	10.206	1249	1254	1262	rVB9	25045	52058	1.42%	0.234%
17	10.529	1299	1309	1318	rBV6	50995	160534	4.37%	0.723%
18	10.658	1325	1331	1340	rBV5	32742	93226	2.54%	0.420%
19	10.805	1350	1356	1362	rBV	233910	409246	11.15%	1.843%
20	10.952	1377	1381	1389	rVB7	29796	55372	1.51%	0.249%
21	11.381	1449	1454	1460	rBV3	37141	60704	1.65%	0.273%
22	11.551	1477	1483	1490	rBV2	87099	164519	4.48%	0.741%
23	11.822	1521	1529	1532	rBV8	31794	74484	2.03%	0.335%
24	12.033	1560	1565	1573	rVB5	39790	94598	2.58%	0.426%
25	12.133	1573	1582	1585	rBV7	32587	89585	2.44%	0.404%
26	12.227	1593	1598	1601	rBV2	64676	110150	3.00%	0.496%
27	12.380	1617	1624	1626	rBV5	45207	98346	2.68%	0.443%
28	12.409	1627	1629	1633	rVV5	56565	81046	2.21%	0.365%
29	12.468	1634	1639	1645	rVB3	60872	129643	3.53%	0.584%
30	12.521	1645	1648	1650	rBV3	31952	45128	1.23%	0.203%
31	12.609	1659	1663	1670	rVB5	99785	202847	5.53%	0.914%
32	12.709	1676	1680	1684	rBV5	44575	63482	1.73%	0.286%
33	12.779	1684	1692	1701	rBV9	94376	268851	7.32%	1.211%
34	12.879	1705	1709	1714	rVB7	44675	75387	2.05%	0.340%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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	12.932	1716	1718	1722	rBV5	22926	36716	1.00%	0.165%
36	13.167	1754	1758	1765	rVB7	77976	143384	3.91%	0.646%
37	13.249	1766	1772	1778	rBV	1721806	2719797	74.09%	12.251%
38	13.678	1841	1845	1849	rBV5	45098	67300	1.83%	0.303%
39	13.855	1872	1875	1877	rBV3	49988	55893	1.52%	0.252%
40	13.896	1878	1882	1886	rBV3	113084	178757	4.87%	0.805%
41	14.078	1910	1913	1921	rVB	137846	239484	6.52%	1.079%
42	14.630	2002	2007	2017	rVB2	448488	796568	21.70%	3.588%
43	15.135	2089	2093	2097	rBV3	117764	196600	5.36%	0.886%
44	15.688	2184	2187	2191	rVB2	118553	158486	4.32%	0.714%
45	16.117	2255	2260	2265	rBV	1470681	2057839	56.06%	9.269%
46	17.374	2468	2474	2482	rBV2	572029	961929	26.20%	4.333%
47	18.273	2623	2627	2633	rVB	206519	282890	7.71%	1.274%
48	19.983	2913	2918	2924	rVB	2900180	3670817	100.00%	16.534%
49	21.634	3193	3199	3206	rVB	594050	975916	26.59%	4.396%
50	24.824	3733	3742	3756	rVB	362367	995258	27.11%	4.483%

Sum of corrected areas: 22201468

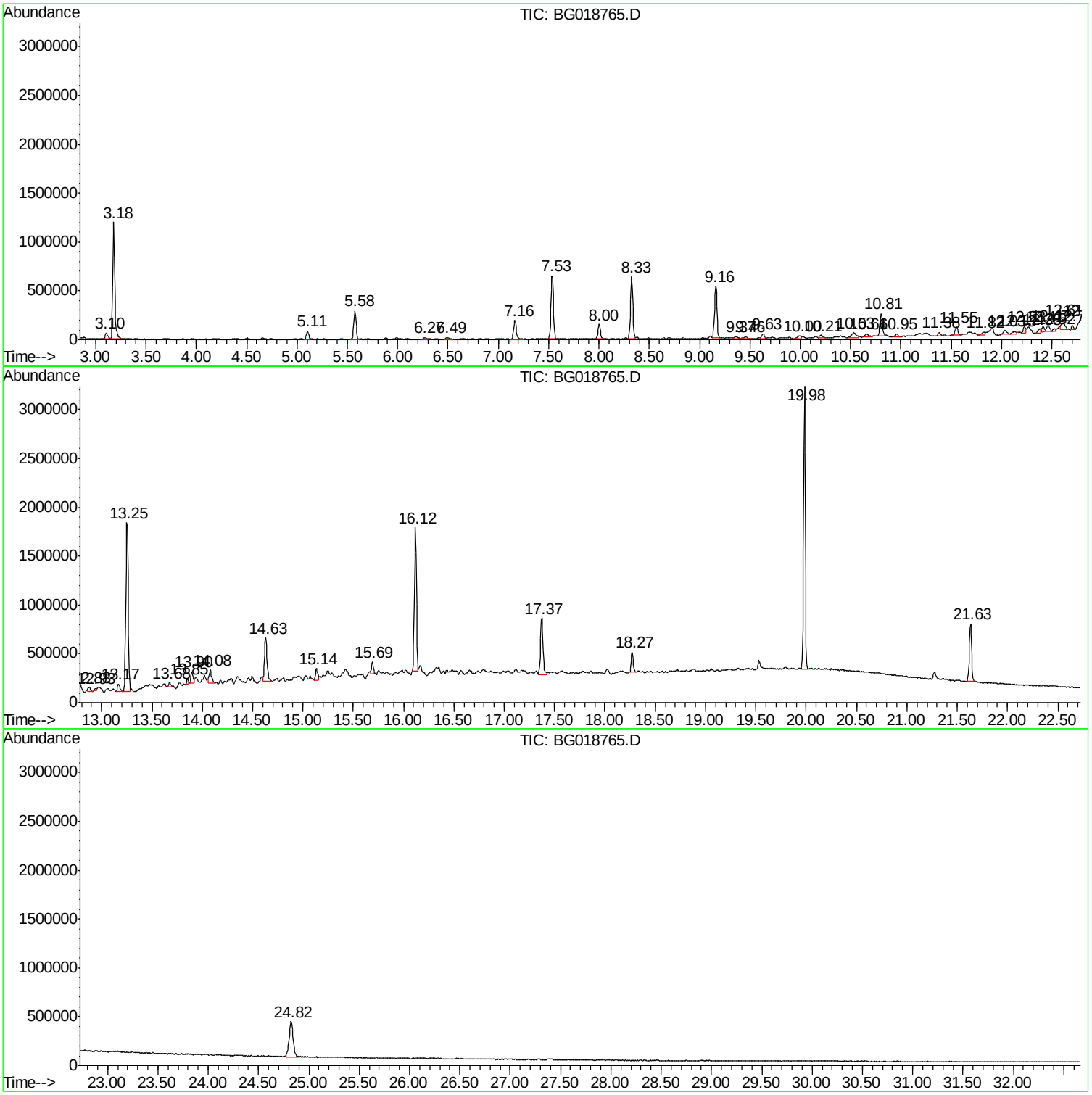
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

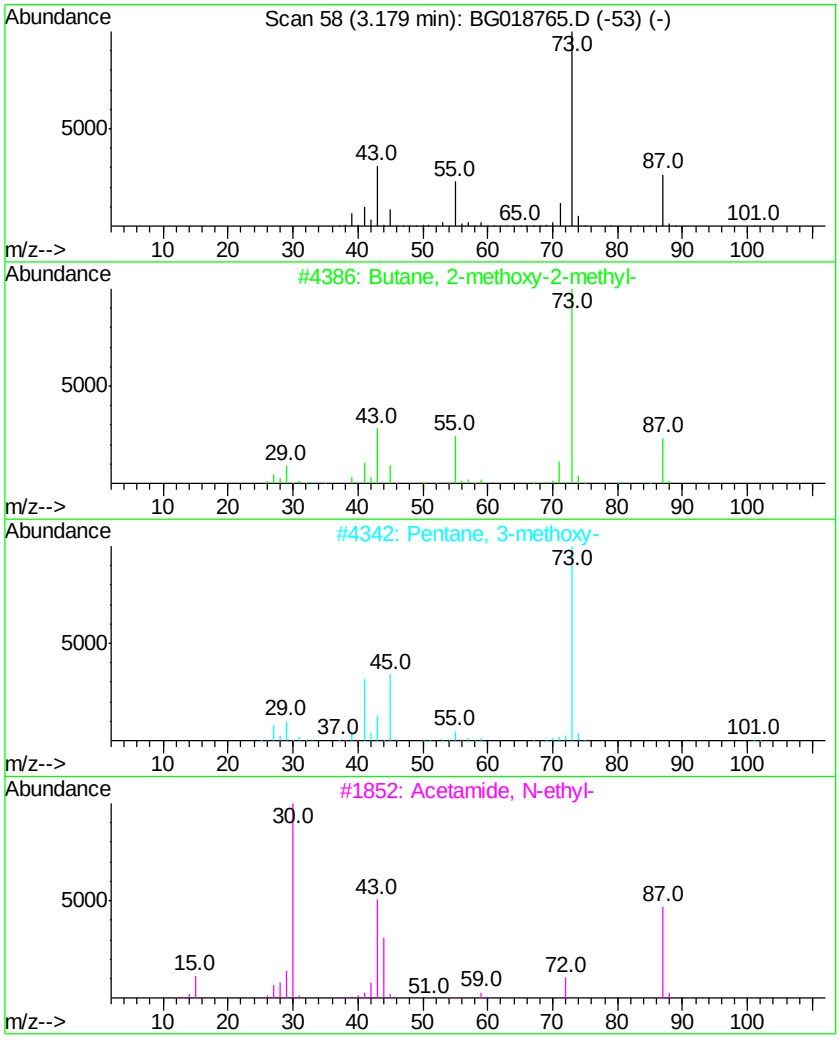
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

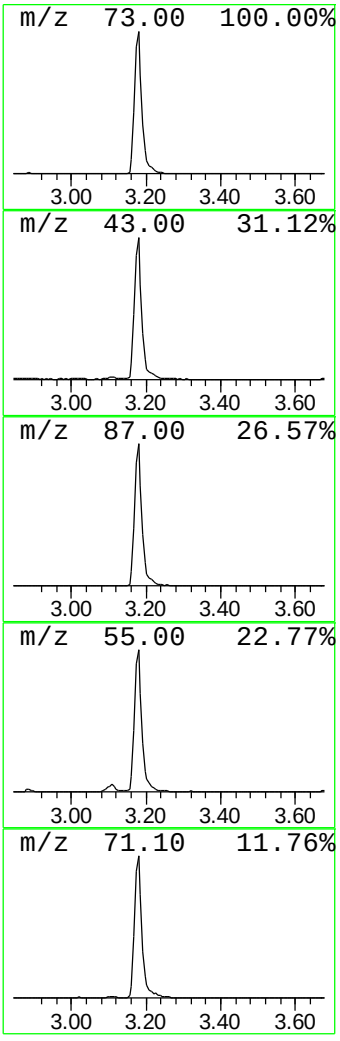
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	130.48 ng	1642670	1,4-Dichlorobenzene-d4	8.00

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

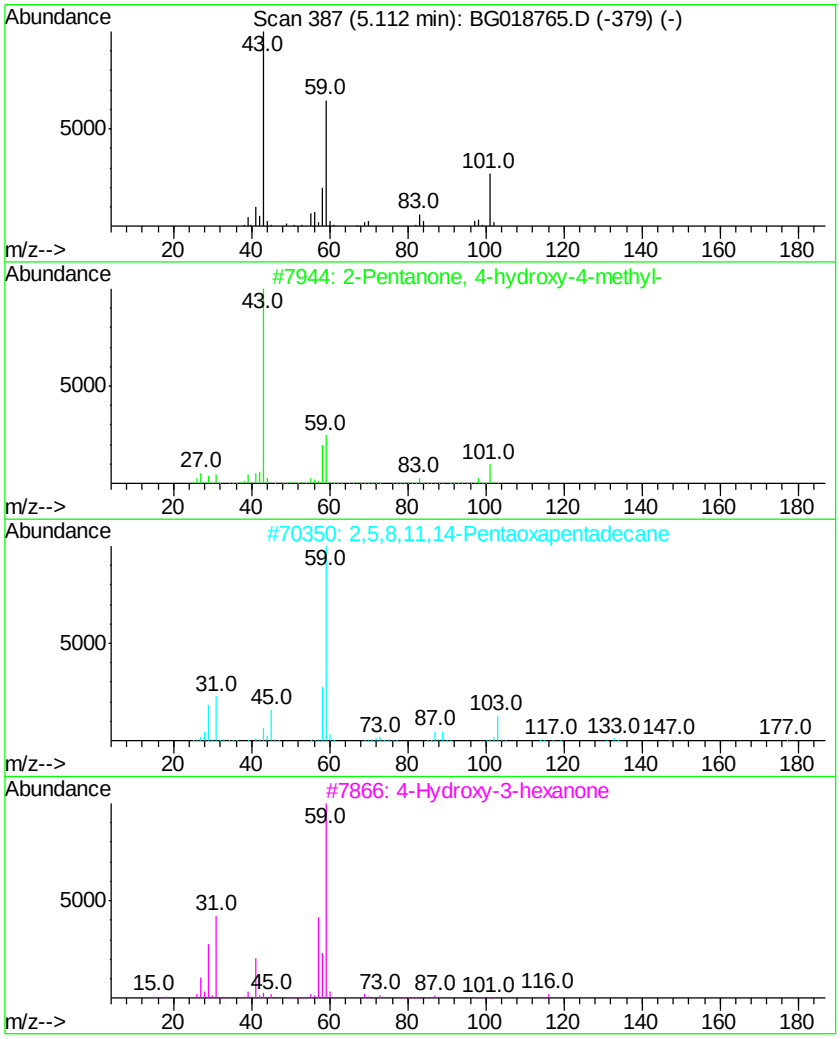
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

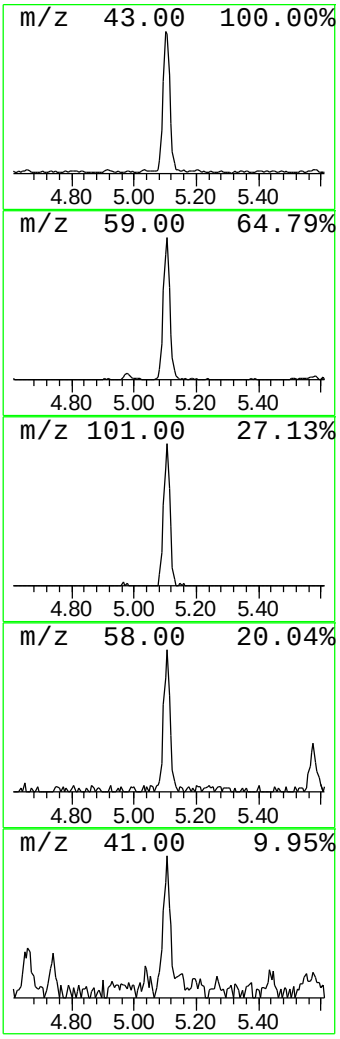
****

Peak Number 3 unknown5.11 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	10.28 ng	129394	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
2	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	25
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	22
5	Butyl aldoxime, 3-methyl-, anti	101	C5H11NO	005775-74-6	14





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

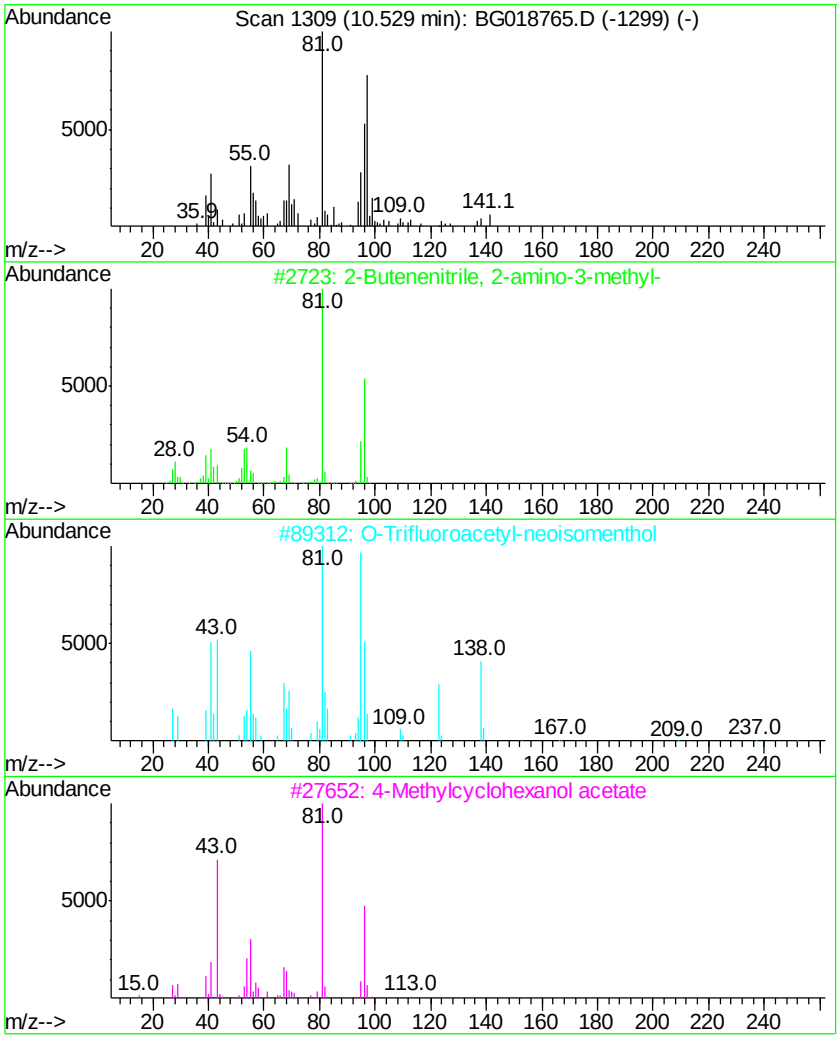
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

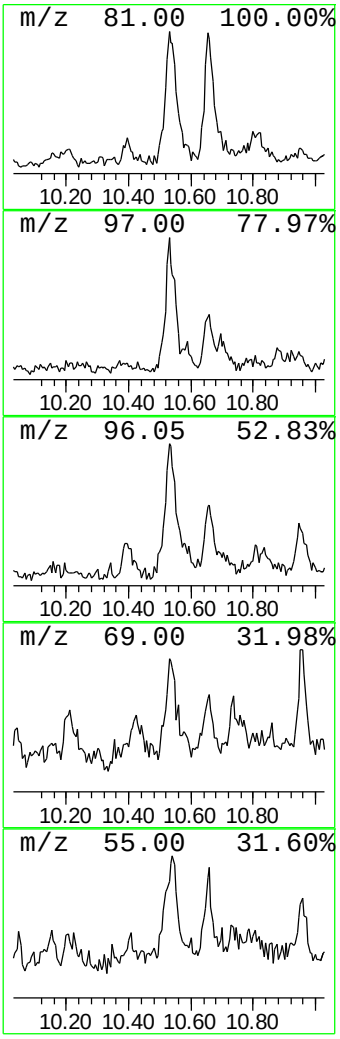
****

Peak Number 6 unknown10.53 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	7.85 ng	160534	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	43
2	O-Trifluoroacetyl-neoisomenthol	252	C12H19F3O2	002127-99-3	38
3	4-Methylcyclohexanol acetate	156	C9H16O2	022597-23-5	38
4	Pentalene, octahydro-2,5-dimethyl-	138	C10H18	028588-55-8	32
5	1H-Imidazol, 1-methyl-2-amino-	97	C4H7N3	006646-51-1	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

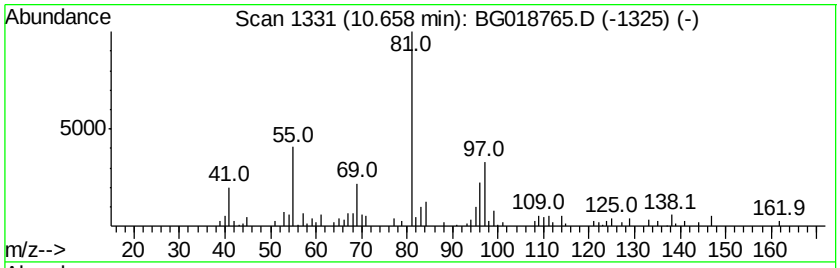
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

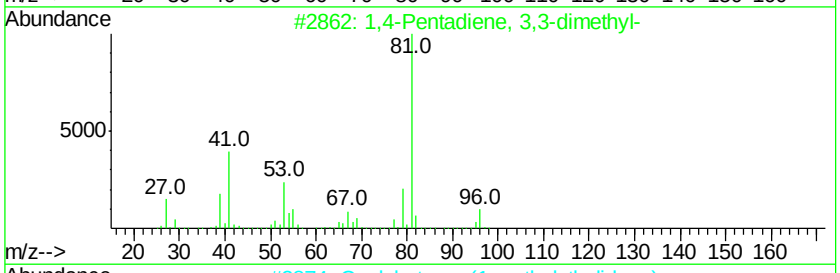
****

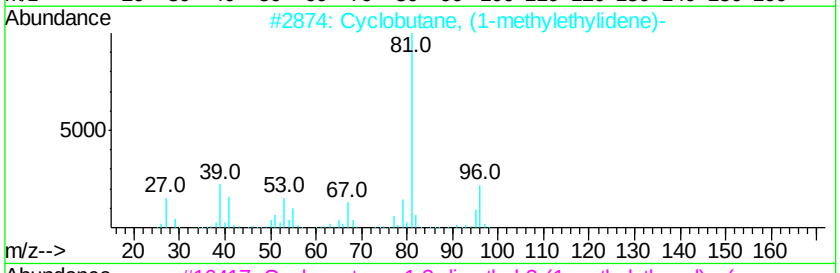
Peak Number 7 1,4-Pentadiene, 3,3-dimethyl- Concentration Rank 16

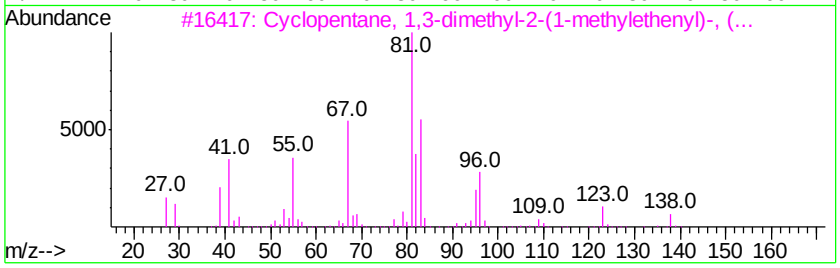
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	4.56 ng	93226	Naphthalene-d8	10.81

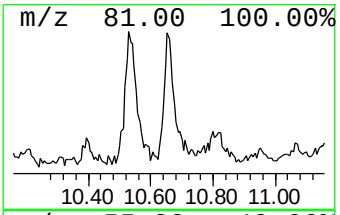
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	52
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	52
3	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-31-2	50
4	Furan, 2-ethyl-	96	C6H8O	003208-16-0	50
5	2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	47

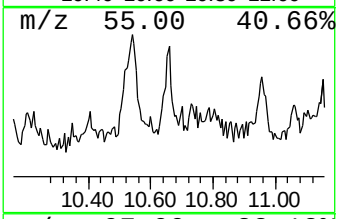


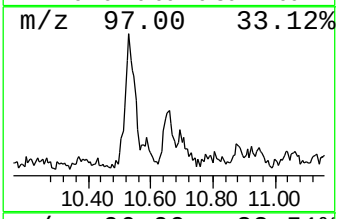


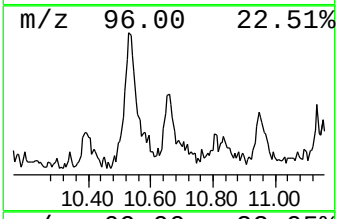


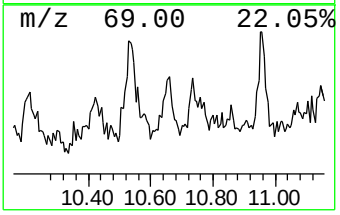












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

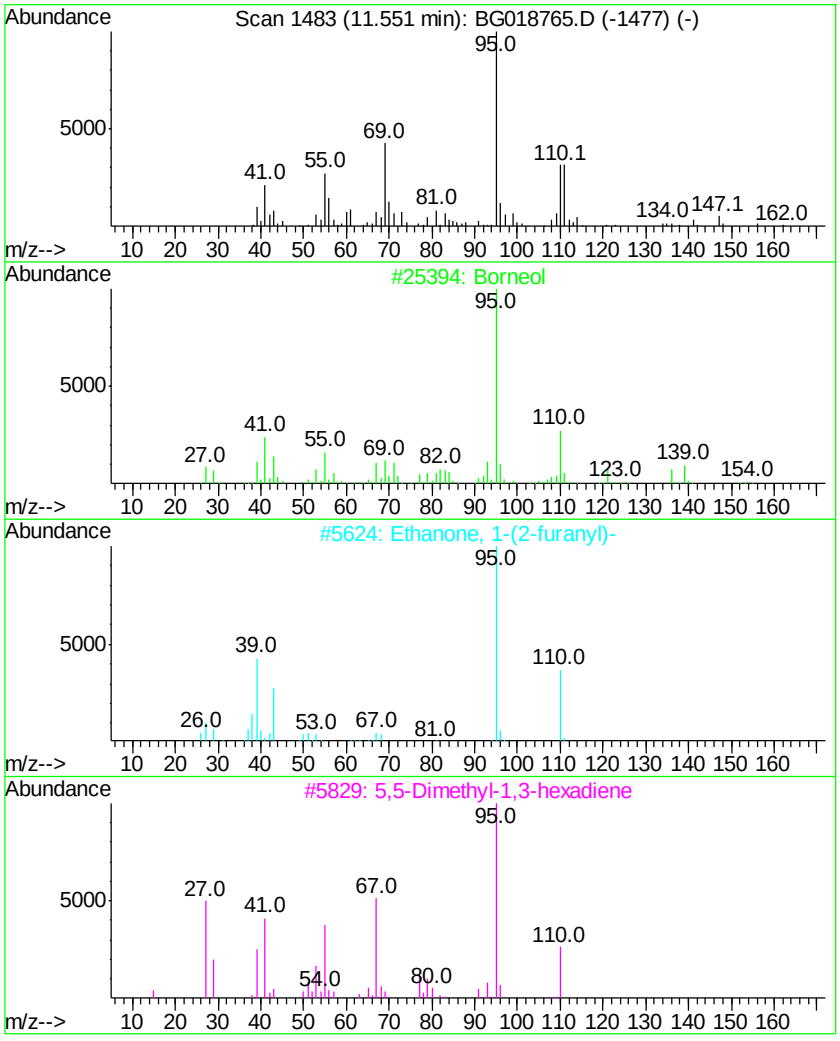
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

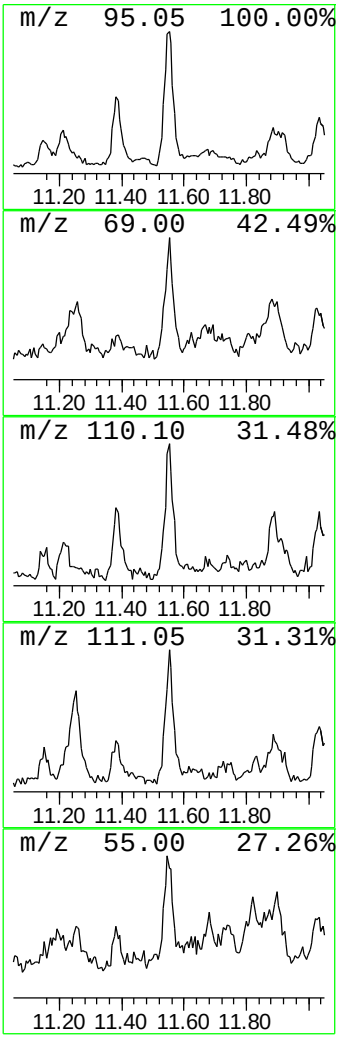
****

Peak Number 8 Borneol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	8.04 ng	164519	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borneol	154	C10H18O	010385-78-1	64
2	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	58
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	53
4	1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	50
5	2-Furanecarboxylic acid, 3,5-dim...	222	C13H18O3	1000278-87-2	45





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

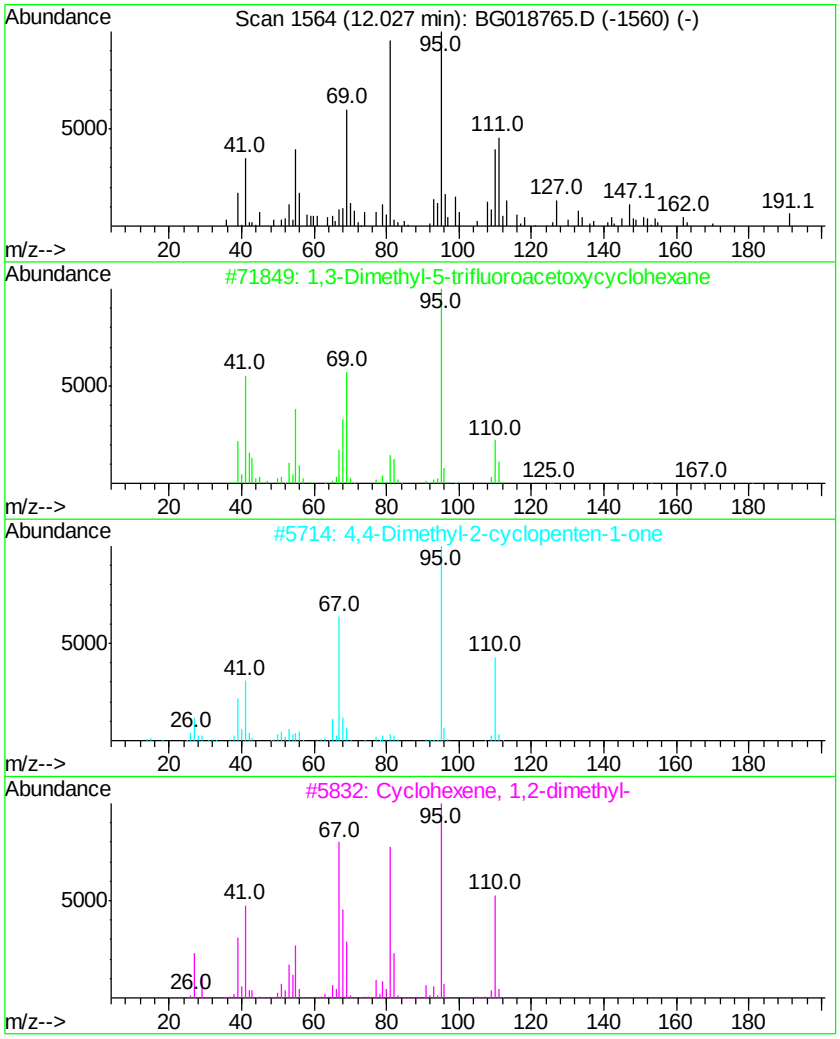
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

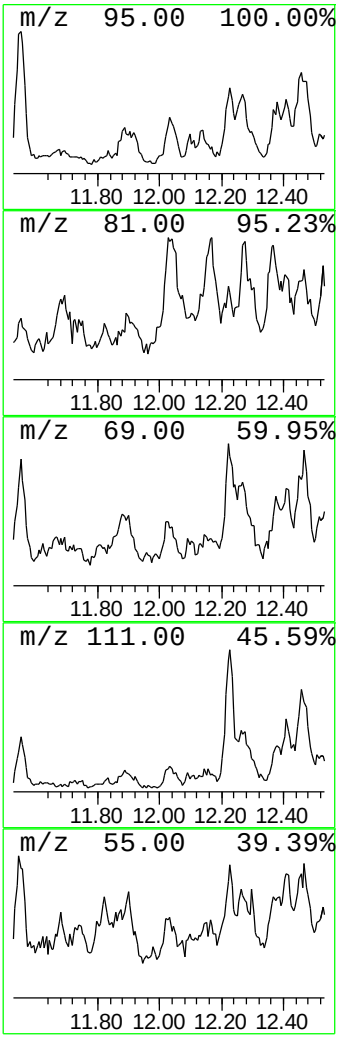
****

Peak Number 9 unknown12.03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	4.62 ng	94598	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	47
2	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	43
3	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	43
4	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	43
5	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

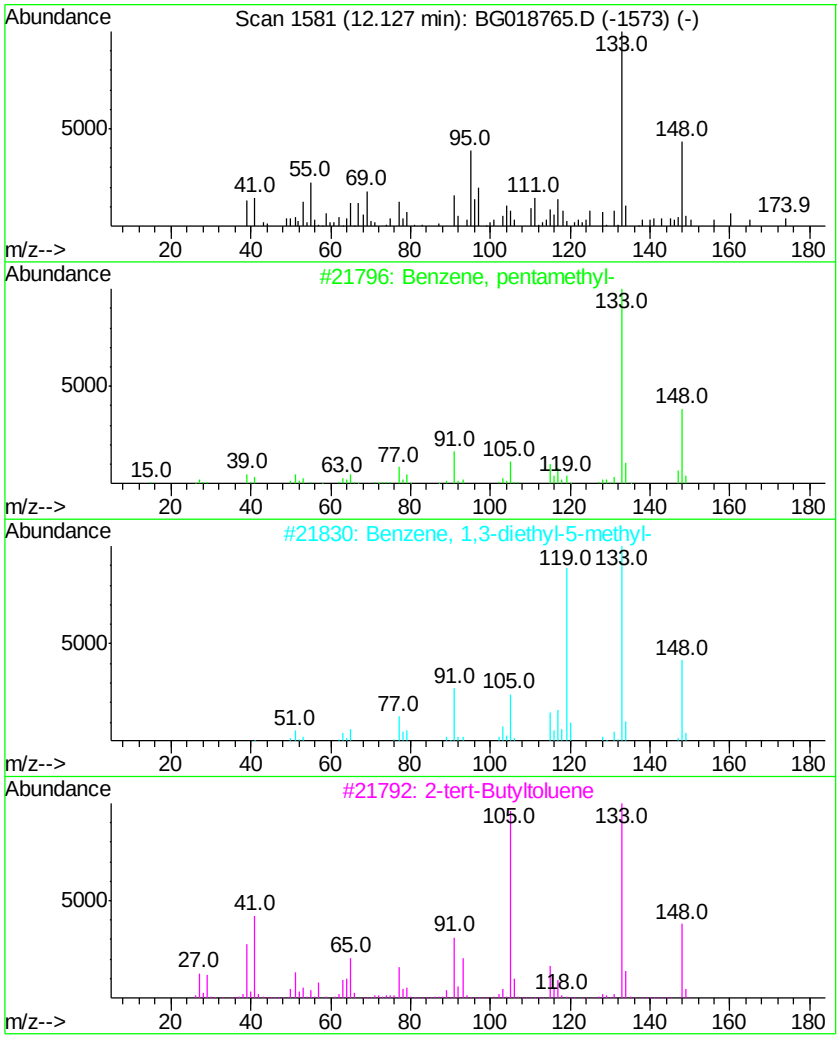
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

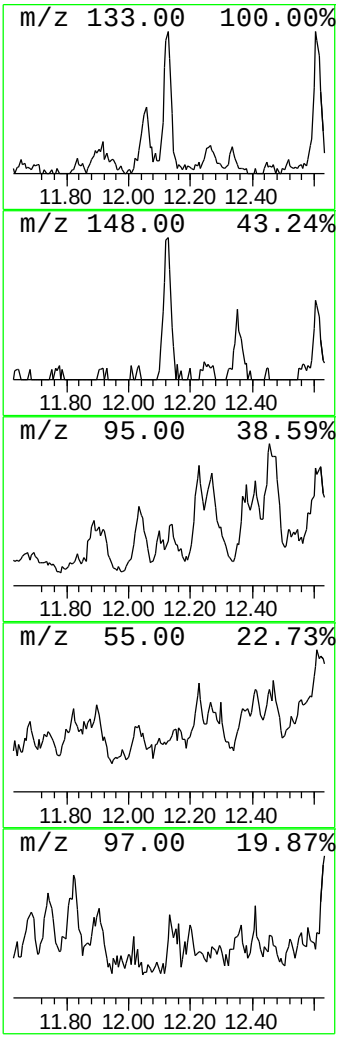
****

Peak Number 10 unknown12.13 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.38 ng	89585	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	41
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	41
3	2-tert-Butyltoluene	148	C11H16	001074-92-6	38
4	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	38
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

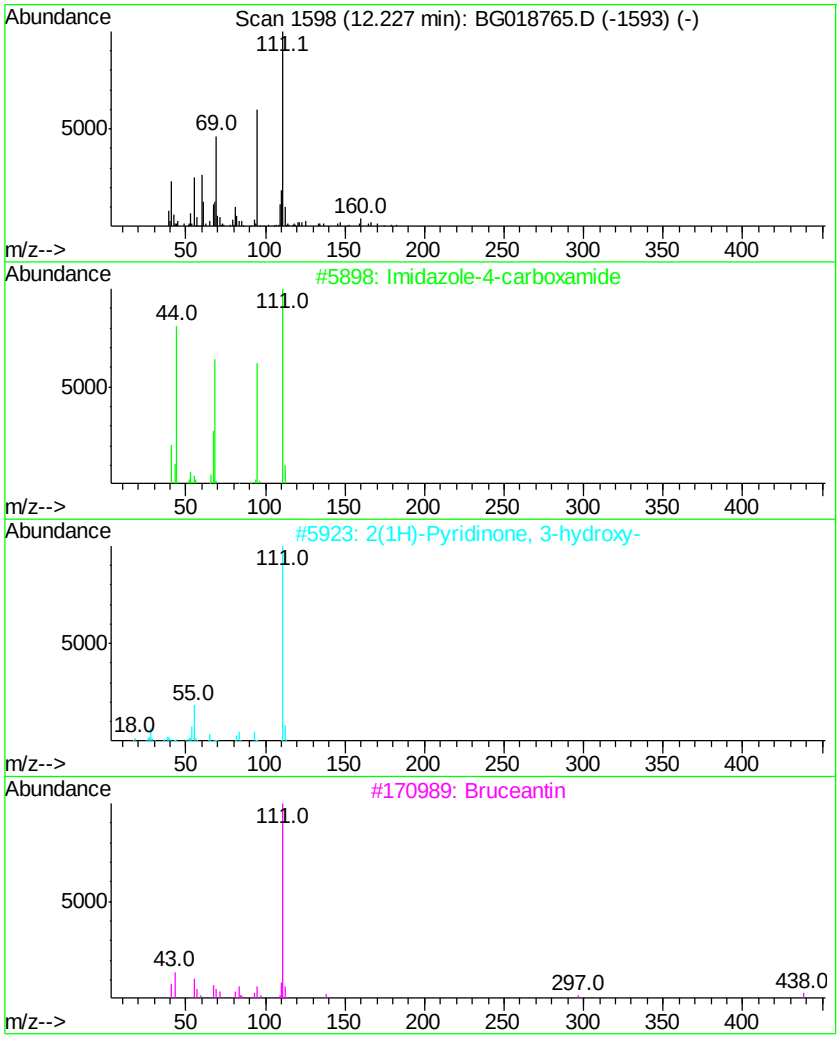
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

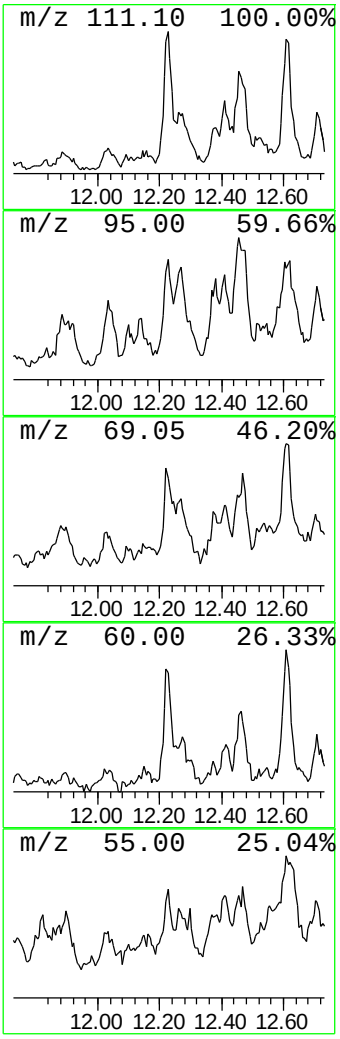
****

Peak Number 11 unknown12.23 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	5.38 ng	110150	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole-4-carboxamide	111	C4H5N3O	026832-08-6	40
2	2(1H)-Pyridinone, 3-hydroxy-	111	C5H5NO2	016867-04-2	38
3	Bruceantin	548	C28H36O11	041451-75-6	38
4	Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	37
5	p-Fluoroaniline	111	C6H6FN	000371-40-4	32





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

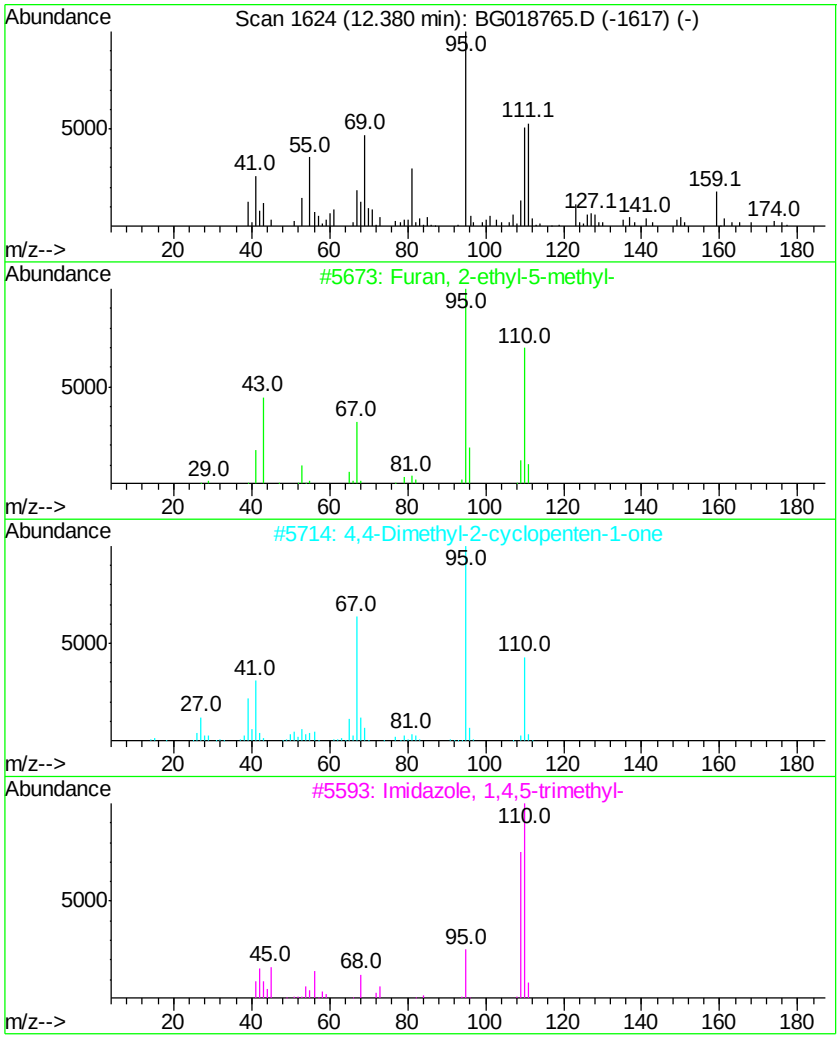
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

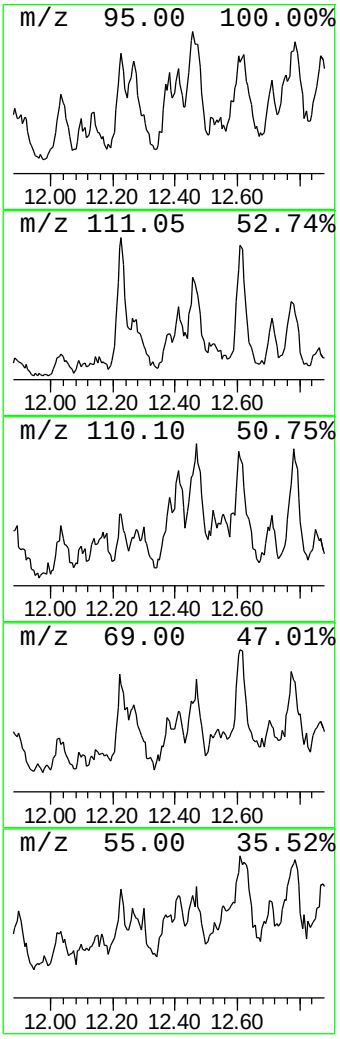
****

Peak Number 12 Furan, 2-ethyl-5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	4.81 ng	98346	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	50
2	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	47
3	Imidazole, 1,4,5-trimethyl-	110	C6H10N2	020185-22-2	43
4	2-Hexanoylfuran	166	C10H14O2	014360-50-0	43
5	Cyclohexanecarboxylic acid, 3,5-...	238	C15H26O2	1000279-52-3	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

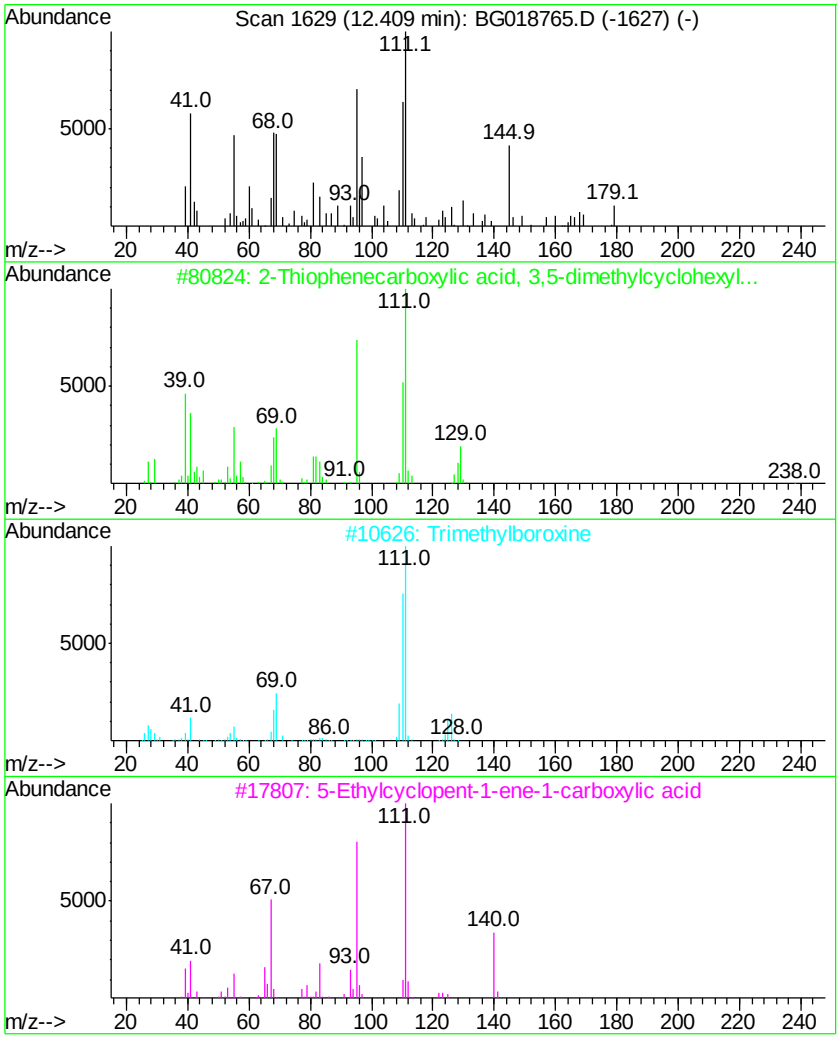
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

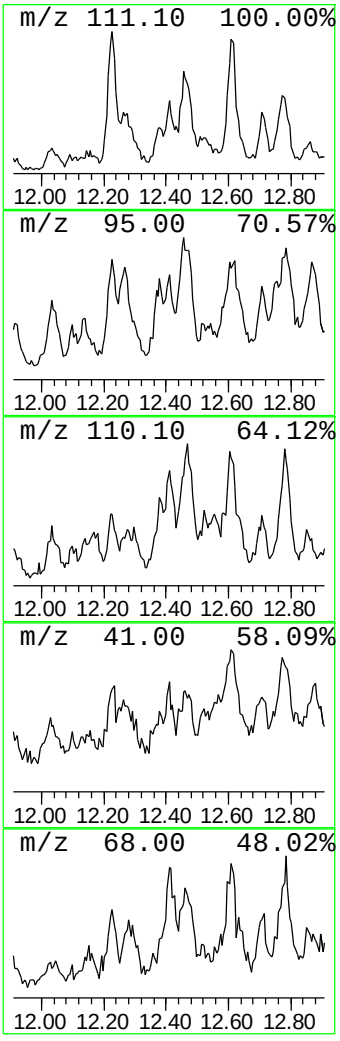
****

Peak Number 13 unknown12.41 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	3.96 ng	81046	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiophenecarboxylic acid, 3,5-...	238	C13H18O2S	1000278-87-5	43
2	Trimethylboroxine	126	C3H9B3O3	000823-96-1	35
3	5-Ethylcyclopent-1-ene-1-carboxy...	140	C8H12O2	036258-07-8	27
4	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	14
5	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	14





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

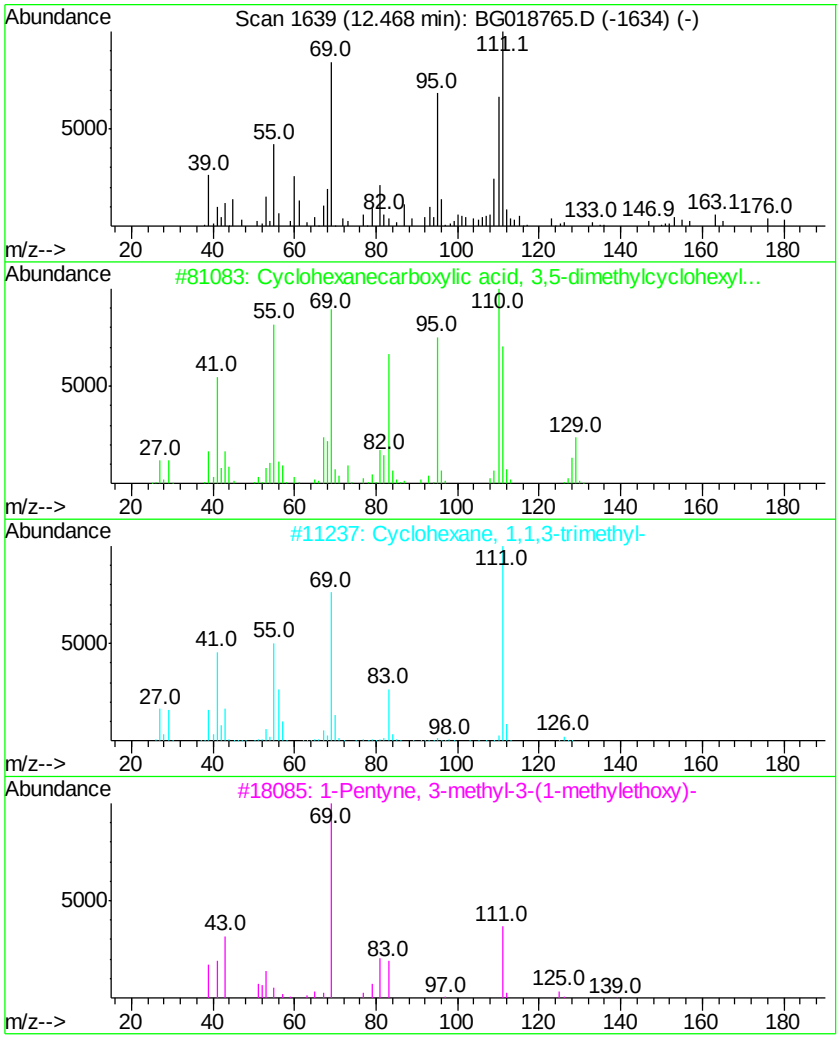
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

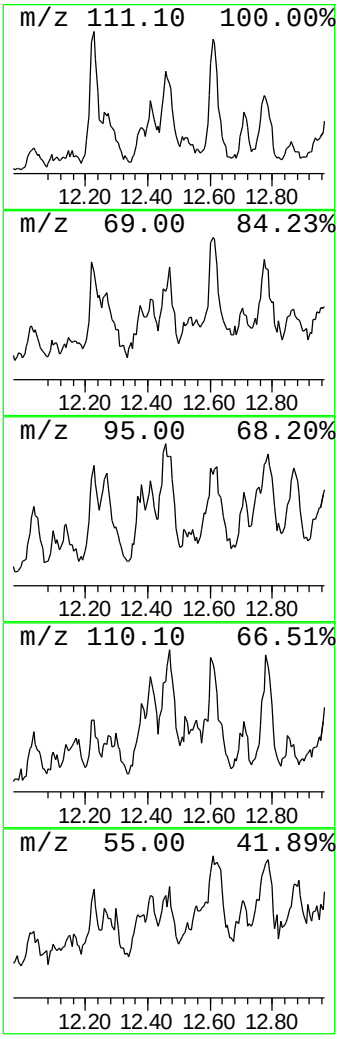
****

Peak Number 14 unknown12.47 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	6.34 ng	129643	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 3,5-...	238	C15H26O2	1000279-52-3	40
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	38
3	1-Pentyne, 3-methyl-3-(1-methyle...	140	C9H16O	053966-55-5	38
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	37
5	1,1'-Bicyclohexyl, 2-ethyl-, trans-	194	C14H26	050991-13-4	32





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

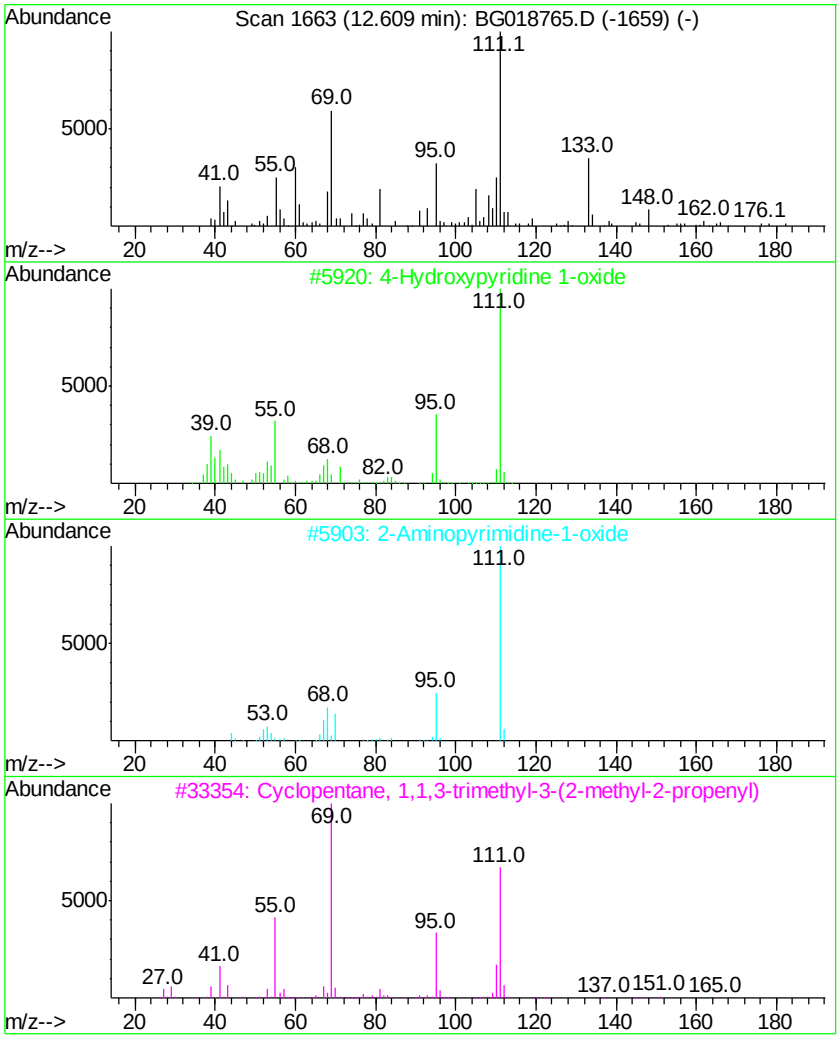
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

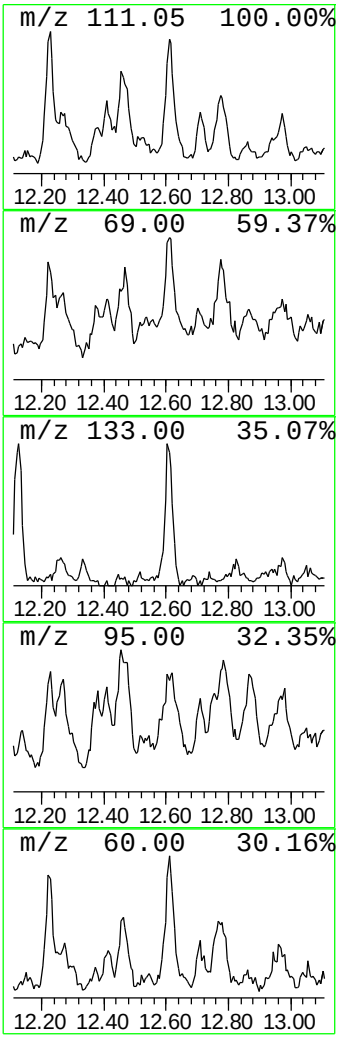
****

Peak Number 15 unknown12.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	9.91 ng	202847	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxypyridine 1-oxide	111	C5H5NO2	006890-62-6	38
2	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	38
3	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	37
4	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	32
5	Bruceantin	548	C28H36O11	041451-75-6	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

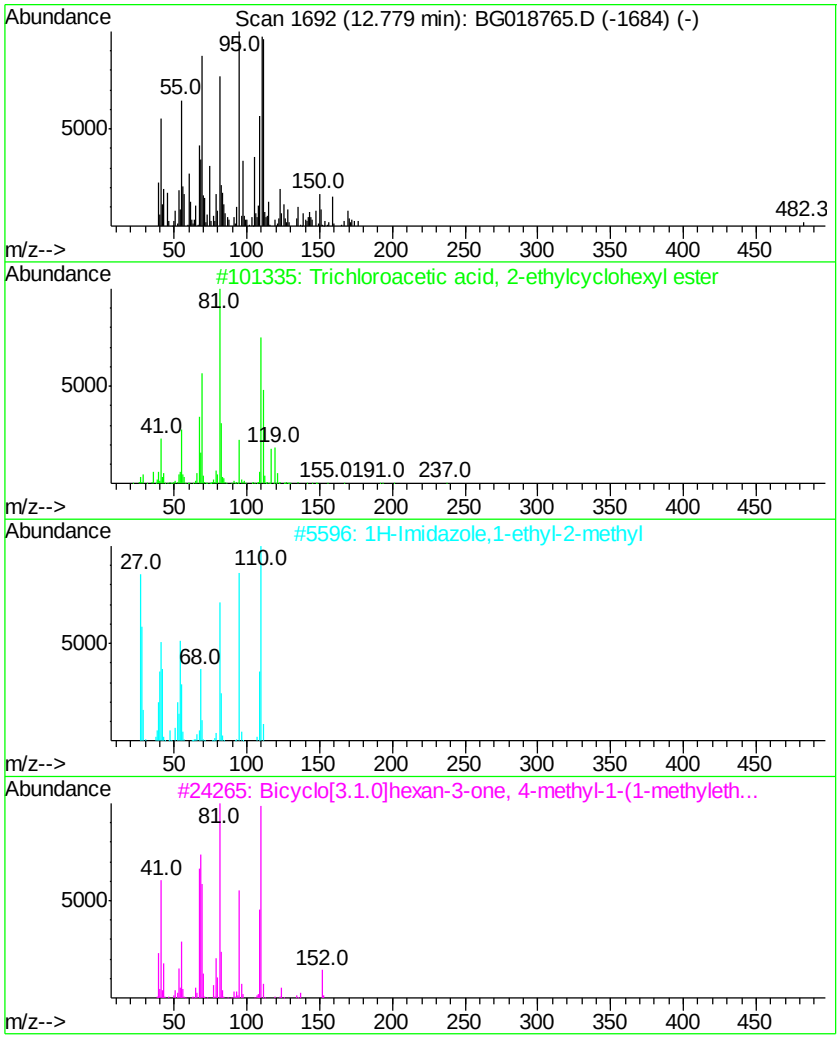
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

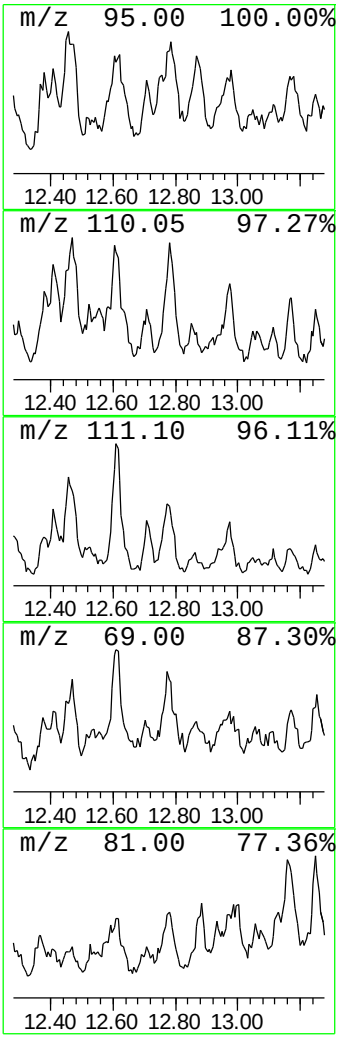
****

Peak Number 16 unknown12.78 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	6.75 ng	268851	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, 2-ethylcyc...	272	C10H15Cl3O2	1000282-57-3	47
2	1H-Imidazole,1-ethyl-2-methyl	110	C6H10N2	021202-52-8	43
3	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	38
4	Thujone	152	C10H16O	000546-80-5	27
5	Cyclopentane, 1-ethenyl-3-ethyl-...	138	C10H18	055170-98-4	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

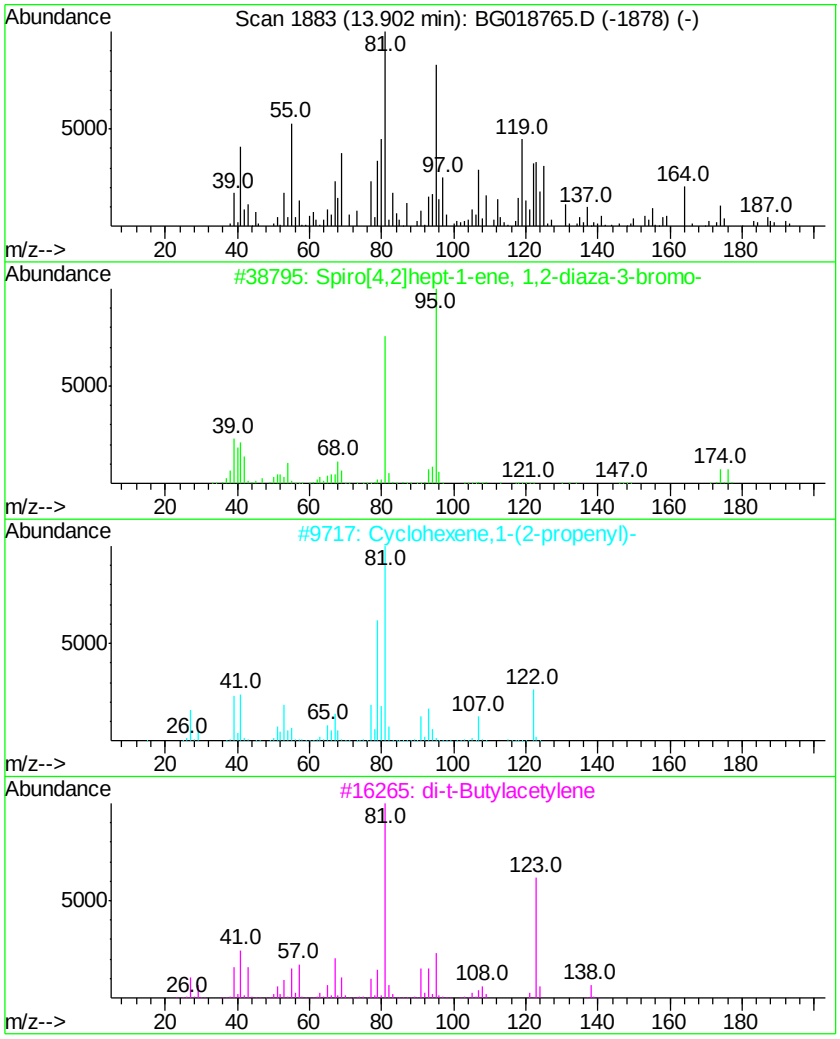
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

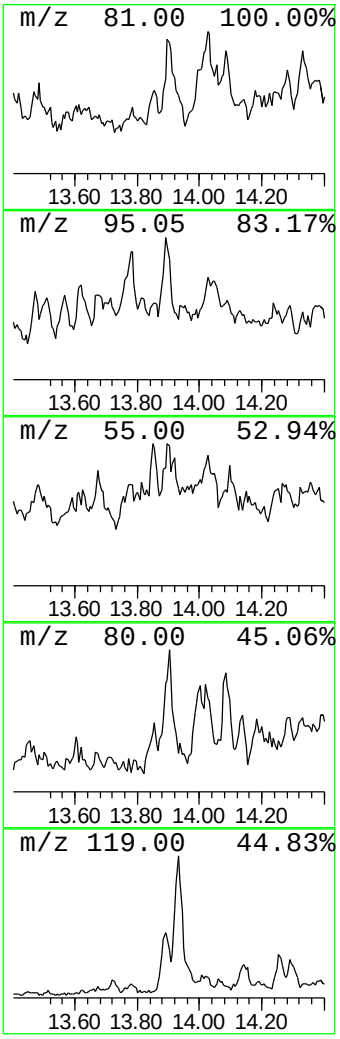
****

Peak Number 17 unknown13.90 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	4.49 ng	178757	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4,2]hept-1-ene, 1,2-diaza-...	174	C5H7BrN2	211738-70-4	35
2	Cyclohexene,1-(2-propenyl)-	122	C9H14	013511-13-2	27
3	di-t-Butylacetylene	138	C10H18	017530-24-4	22
4	4(1H)-Pyridinethione, 1-methyl-	125	C6H7NS	006887-59-8	22
5	Pentanoic acid, 5-cyclopropylide...	168	C10H16O2	1000159-44-3	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

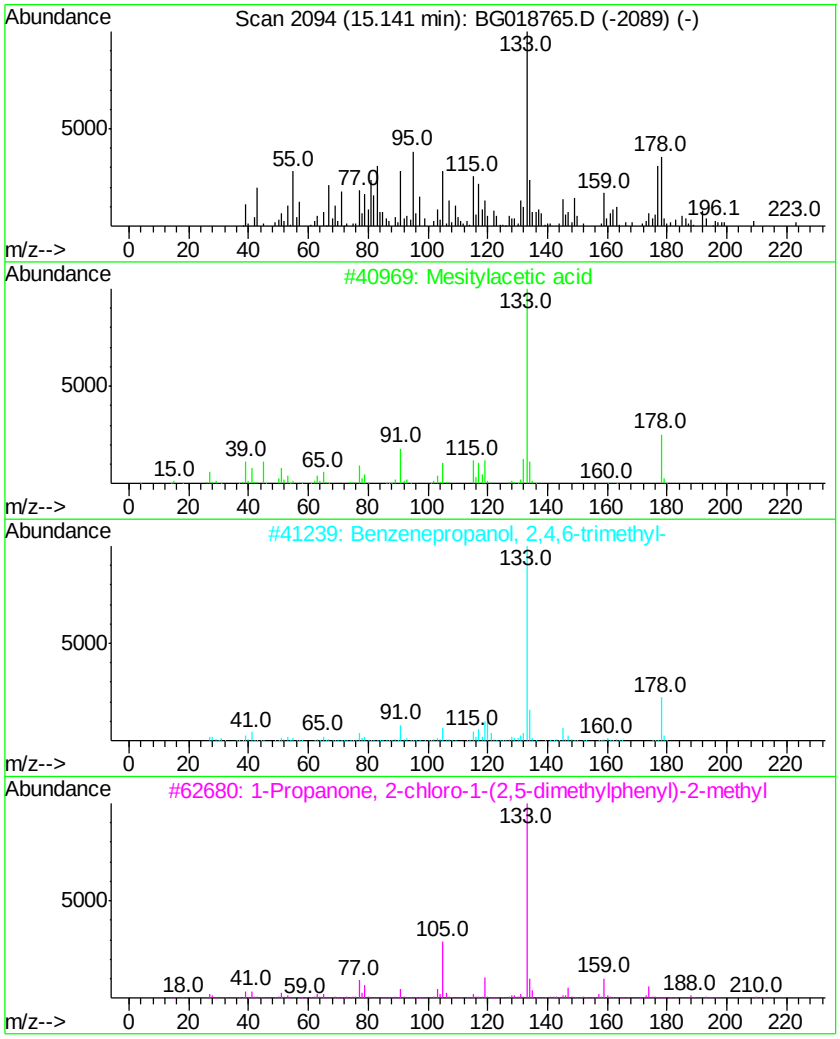
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

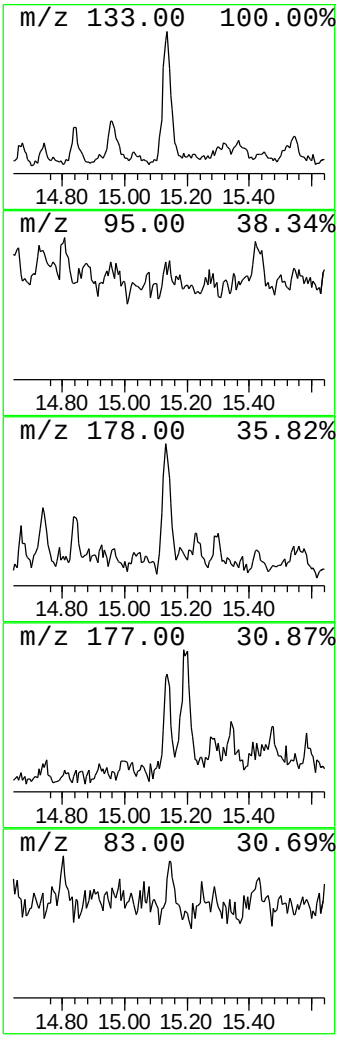
****

Peak Number 18 Mesitylacetic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	4.94 ng	196600	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylacetic acid	178	C11H14O2	004408-60-0	58
2	Benzenepropanol, 2,4,6-trimethyl-	178	C12H18O	027645-07-4	49
3	1-Propanone, 2-chloro-1-(2,5-dim...	210	C12H15ClO	054965-52-5	43
4	1H-Benzimidazol-2-amine	133	C7H7N3	000934-32-7	43
5	5-Aminoindazole	133	C7H7N3	019335-11-6	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

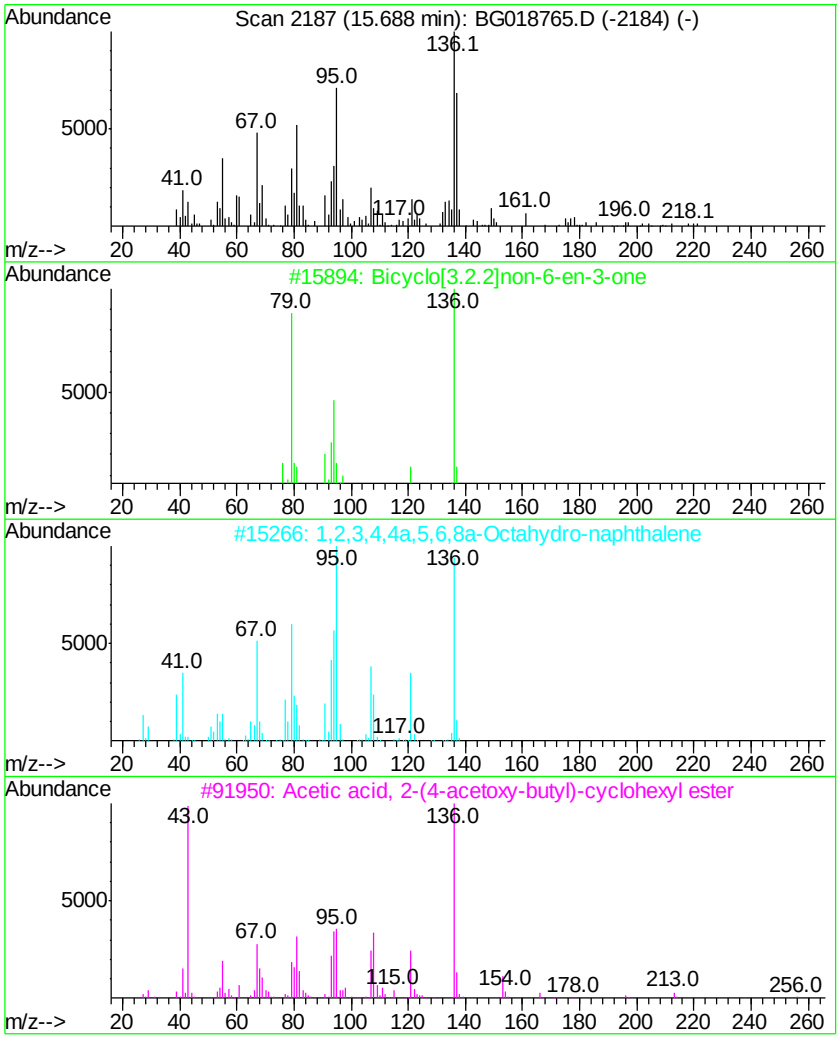
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

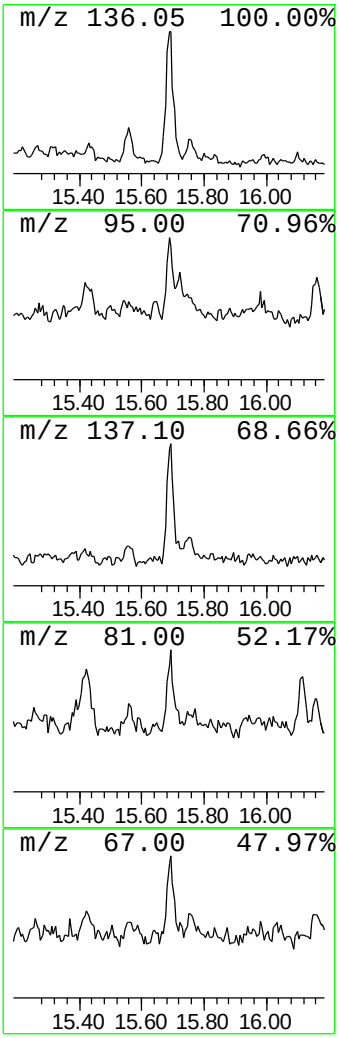
****

Peak Number 19 Bicyclo[3.2.2]non-6-en-3-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	3.98 ng	158486	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.2]non-6-en-3-one	136	C9H12O	1000072-31-7	55
2	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	35
3	Acetic acid, 2-(4-acetoxy-butyl)...	256	C14H24O4	1000194-76-2	35
4	trans,trans-3-Ethylbicyclo[4.4.0...	166	C12H22	058462-32-1	22
5	2-Nonen-4-yn-1-ol, (Z)-	138	C9H14O	134225-90-4	20





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

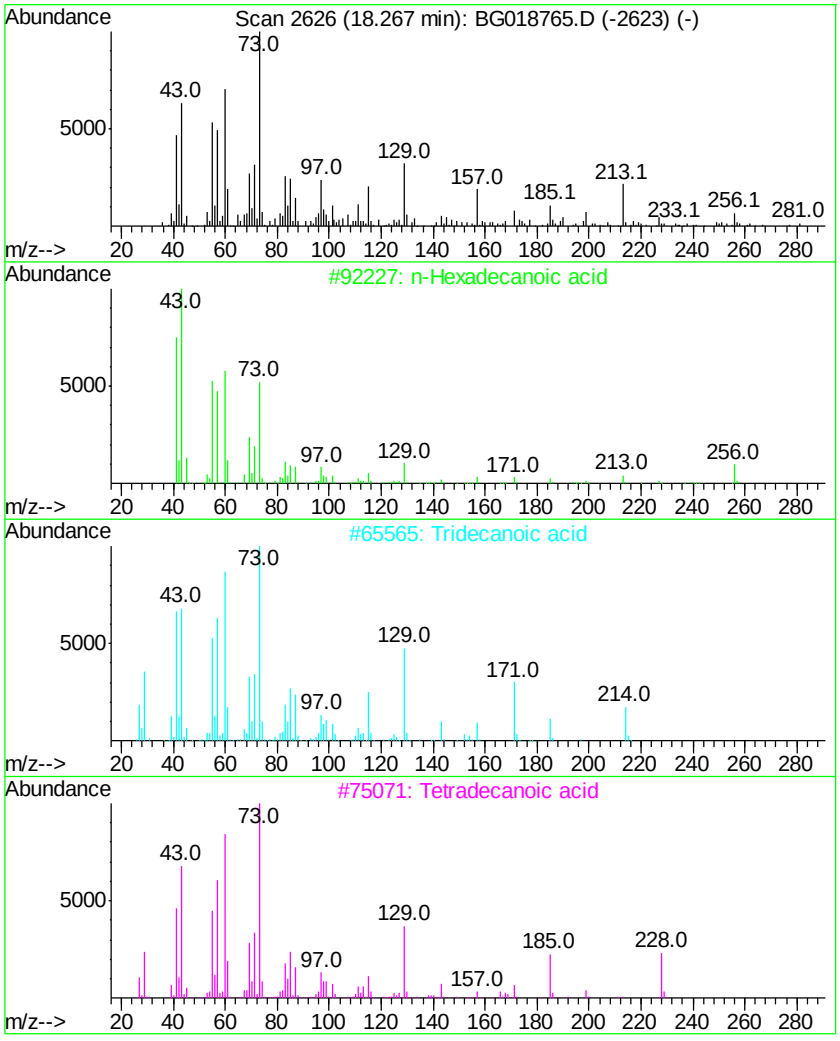
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

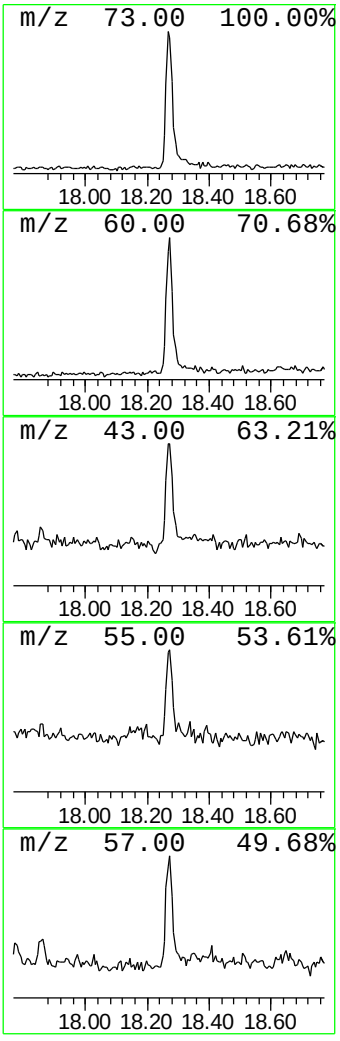
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	5.88 ng	282890	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	Heptadecanoic acid	270	C17H34O2	000506-12-7	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018765.D
Acq On : 18 Sep 2015 12:44
Operator : TP
Sample : G3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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	130.5	ng	1642670	1	8.00	251793	20.0
unknown5.11	5.11	10.3	ng	129394	1	8.00	251793	20.0
unknown10.53	10.53	7.8	ng	160534	2	10.81	409246	20.0
1,4-Pentadiene, 3...	10.66	4.6	ng	93226	2	10.81	409246	20.0
Borneol	11.55	8.0	ng	164519	2	10.81	409246	20.0
unknown12.03	12.03	4.6	ng	94598	2	10.81	409246	20.0
unknown12.13	12.13	4.4	ng	89585	2	10.81	409246	20.0
unknown12.23	12.23	5.4	ng	110150	2	10.81	409246	20.0
Furan, 2-ethyl-5-...	12.38	4.8	ng	98346	2	10.81	409246	20.0
unknown12.41	12.41	4.0	ng	81046	2	10.81	409246	20.0
unknown12.47	12.47	6.3	ng	129643	2	10.81	409246	20.0
unknown12.61	12.61	9.9	ng	202847	2	10.81	409246	20.0
unknown12.78	12.78	6.8	ng	268851	3	14.63	796568	20.0
unknown13.90	13.90	4.5	ng	178757	3	14.63	796568	20.0
Mesitylacetic acid	15.14	4.9	ng	196600	3	14.63	796568	20.0
Bicyclo[3.2.2]non...	15.69	4.0	ng	158486	3	14.63	796568	20.0
n-Hexadecanoic acid	18.27	5.9	ng	282890	4	17.37	961929	20.0