LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
Data File : BG035489.D
Acq On : 28 Jun 2018 22:13
Operator : JU/SJ
Sample : J3720-06
Misc :
ALS Vial : 10 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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	5.167	316	320	326	rBV	22200	32888	1.10%	0.273%
2	5.625	392	398	410	rBV	251156	432994	14.44%	3.590%
3	6.541	547	554	563	rBV2	18616	34167	1.14%	0.283%
4	7.211	660	668	681	rBV	172879	310054	10.34%	2.571%
5	7.587	724	732	740	rBV	490708	864151	28.81%	7.165%
6	8.051	804	811	819	rBV	108314	190031	6.34%	1.576%
7	8.374	858	866	873	rBV	447037	787420	26.25%	6.528%
8	9.214	1001	1009	1020	rVB	382412	723806	24.13%	6.001%
9	10.853	1280	1288	1299	rBV	146142	278090	9.27%	2.306%
10	11.958	1471	1476	1483	rVB3	26554	49809	1.66%	0.413%
11	13.297	1696	1704	1710	rVV	1083059	1679359	55.99%	13.923%
12	14.119	1840	1844	1850	rBV2	17686	32147	1.07%	0.267%
13	14.231	1857	1863	1866	rBV2	38553	66408	2.21%	0.551%
14	14.260	1866	1868	1873	rVB4	21832	31325	1.04%	0.260%
15	14.396	1886	1891	1897	rBV2	57743	90156	3.01%	0.747%
16	14.672	1932	1938	1945	rVB2	225782	373970	12.47%	3.101%
17	15.071	2001	2006	2012	rBV6	31933	59031	1.97%	0.489%
18	15.142	2014	2018	2023	rVB3	28998	42755	1.43%	0.354%
19	15.288	2038	2043	2048	rVB6	36722	63877	2.13%	0.530%
20	15.706	2111	2114	2121	rVB5	24854	35940	1.20%	0.298%
21	16.158	2184	2191	2198	rBV	742333	1167544	38.93%	9.680%
22	17.415	2399	2405	2413	rBV2	340235	536617	17.89%	4.449%
23	20.023	2842	2849	2855	rBV	2239472	2999391	100.00%	24.867%
24	21.680	3124	3131	3142	rBV	377370	626992	20.90%	5.198%
25	24.893	3667	3678	3692	rBV3	180177	552601	18.42%	4.582%

Sum of corrected areas: 12061523

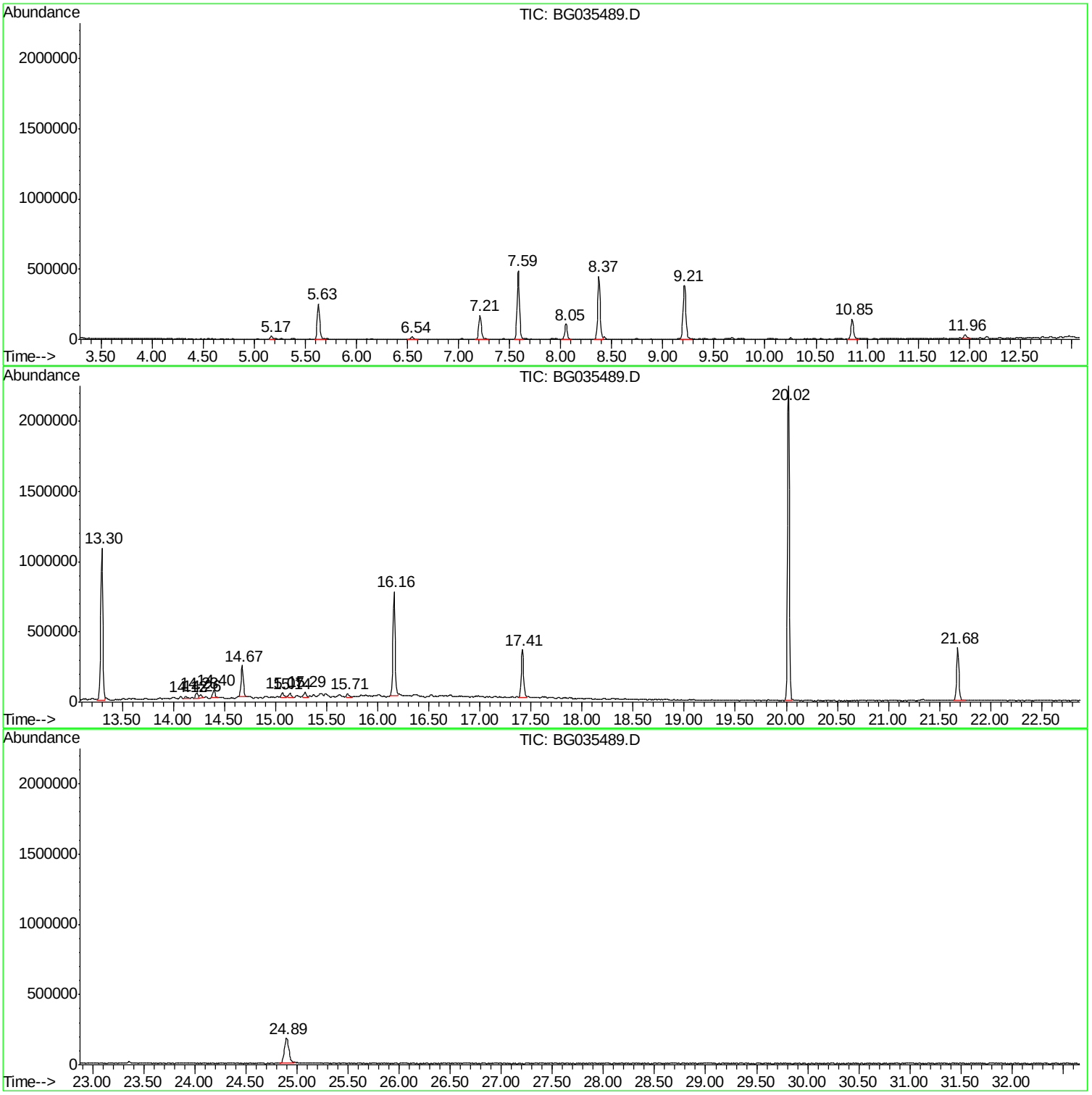
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
Data File : BG035489.D
Acq On : 28 Jun 2018 22:13
Operator : JU/SJ
Sample : J3720-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
Data File : BG035489.D
Acq On : 28 Jun 2018 22:13
Operator : JU/SJ
Sample : J3720-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

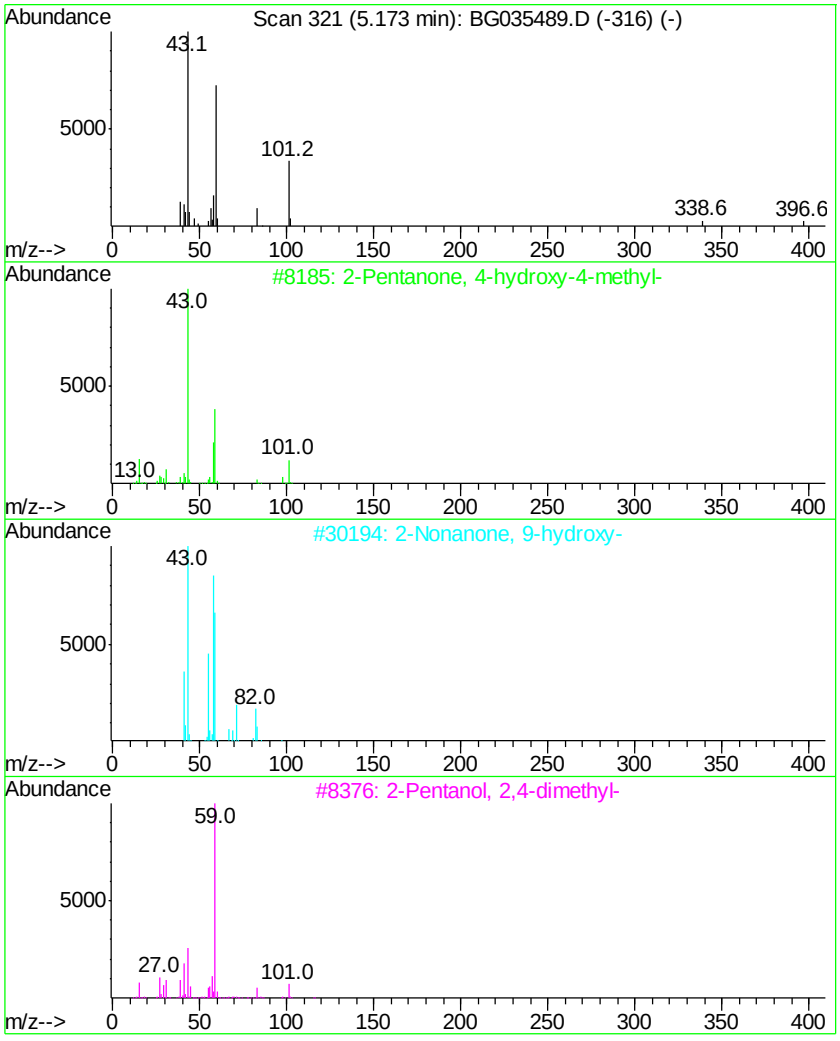
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

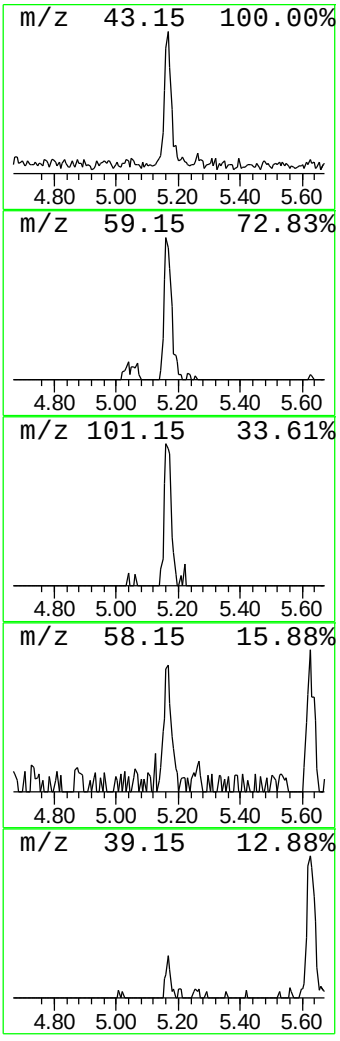
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	3.46 ng	32888	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	25
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	17
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	16
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
Data File : BG035489.D
Acq On : 28 Jun 2018 22:13
Operator : JU/SJ
Sample : J3720-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

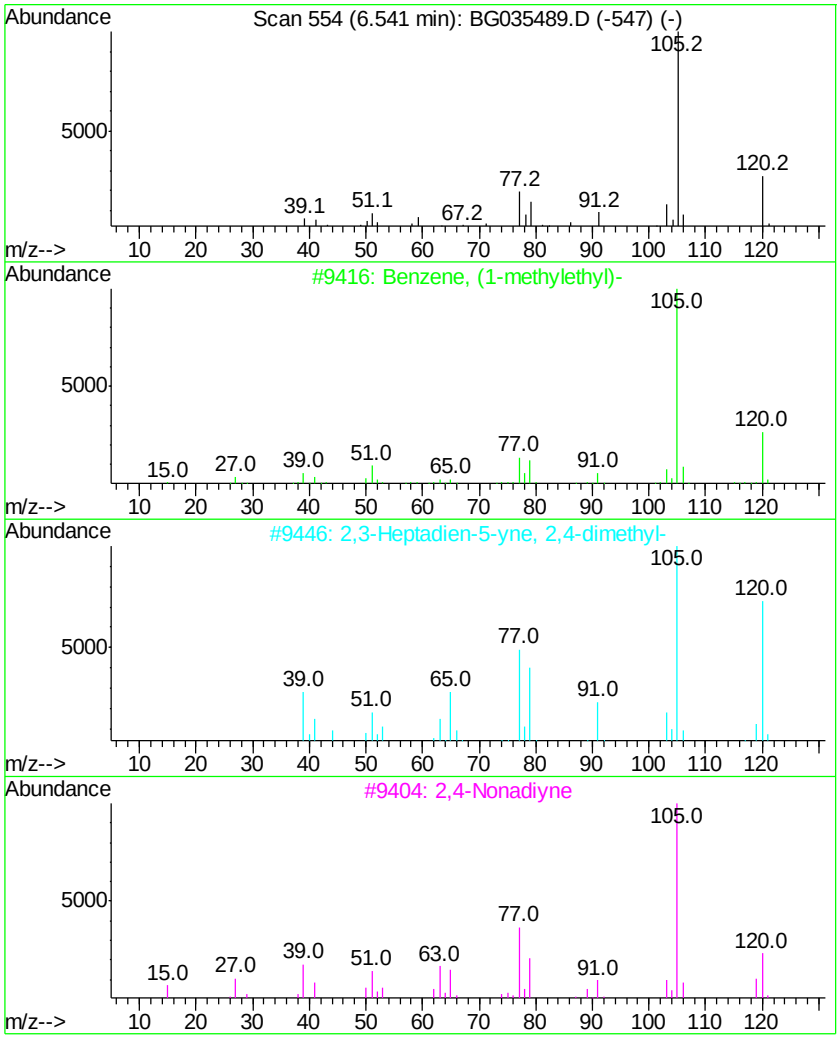
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

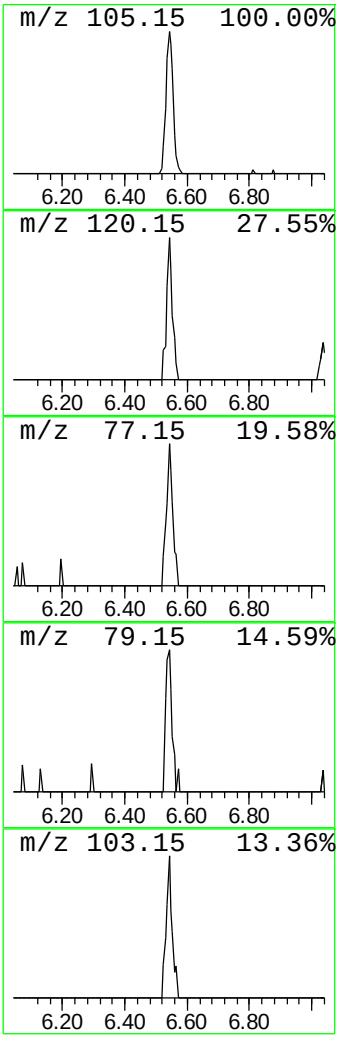
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	3.60 ng	34167	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	80
3	2,4-Nonadiyne	120	C9H12	063621-15-8	78
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
Data File : BG035489.D
Acq On : 28 Jun 2018 22:13
Operator : JU/SJ
Sample : J3720-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

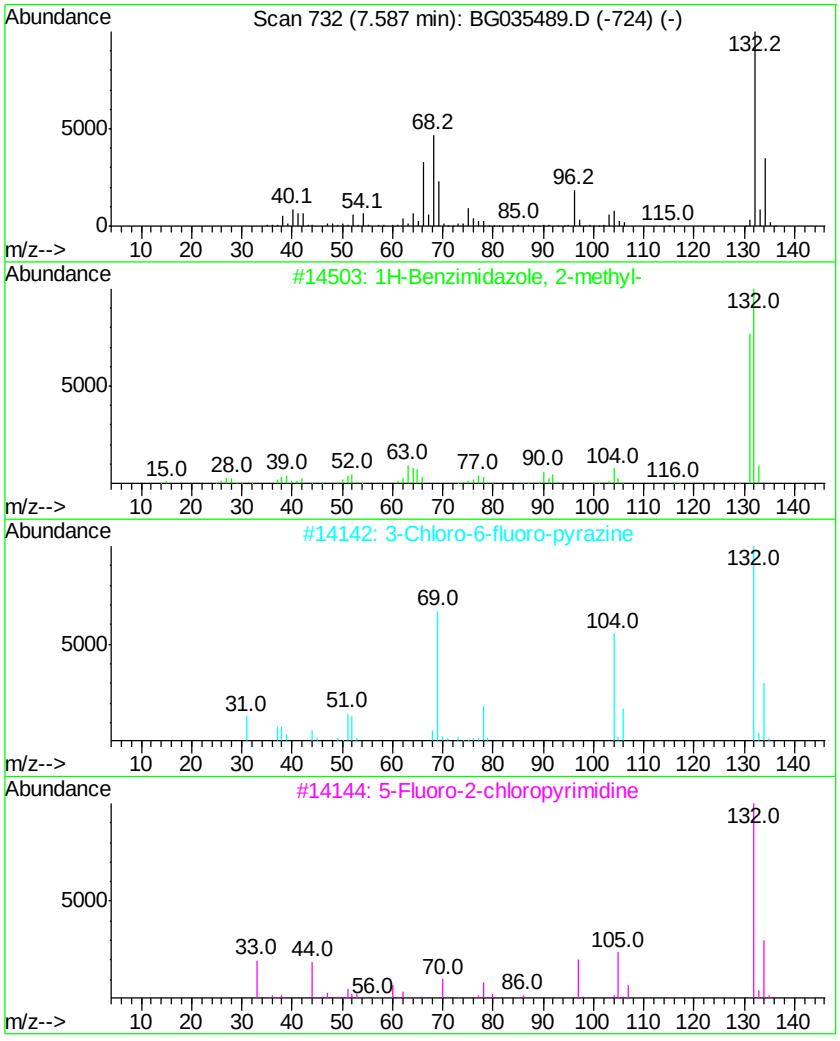
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

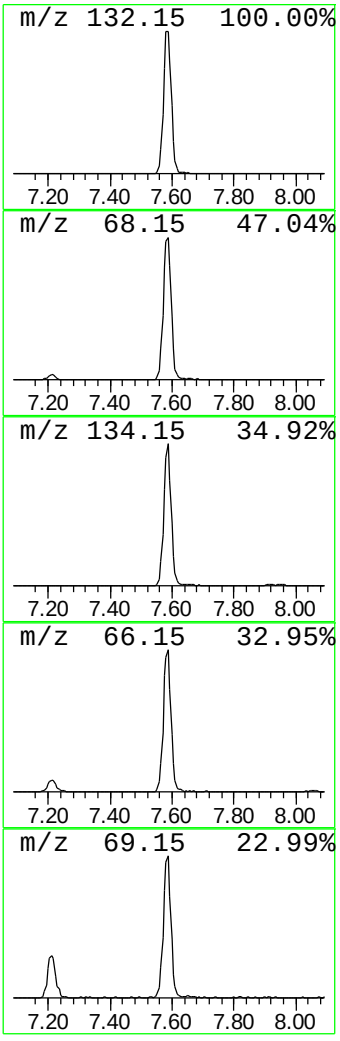
****

Peak Number 3 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	90.95 ng	864151	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
Data File : BG035489.D
Acq On : 28 Jun 2018 22:13
Operator : JU/SJ
Sample : J3720-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

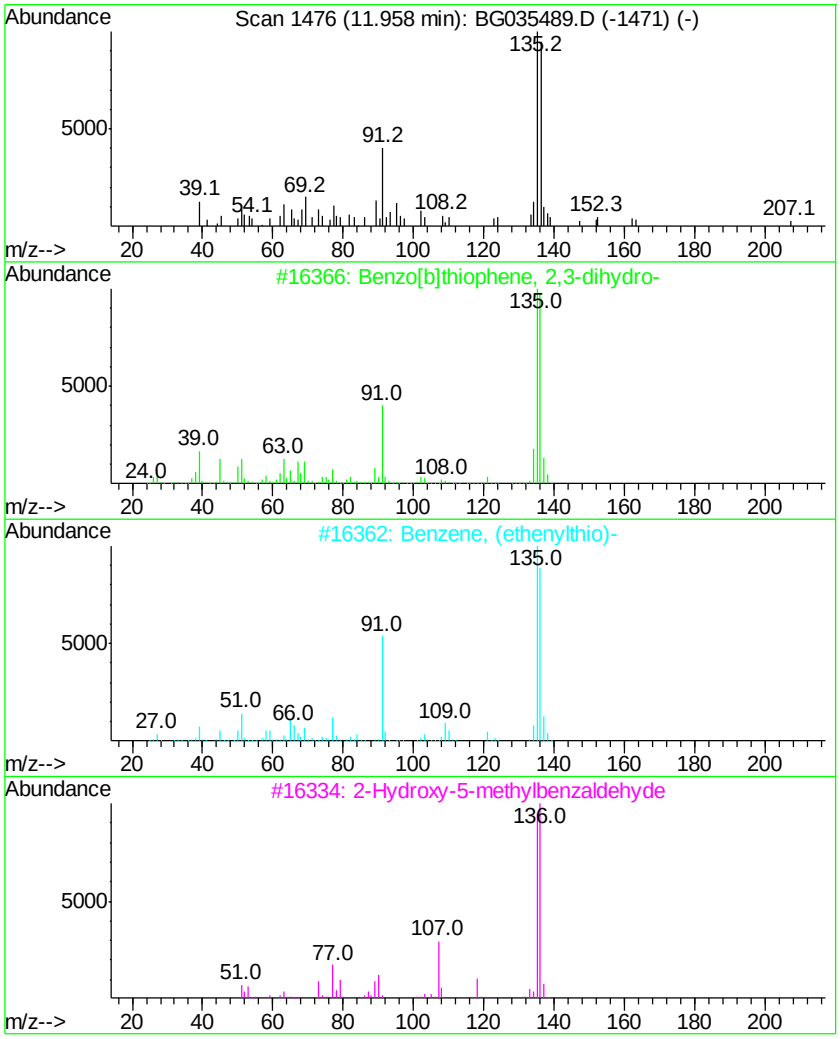
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

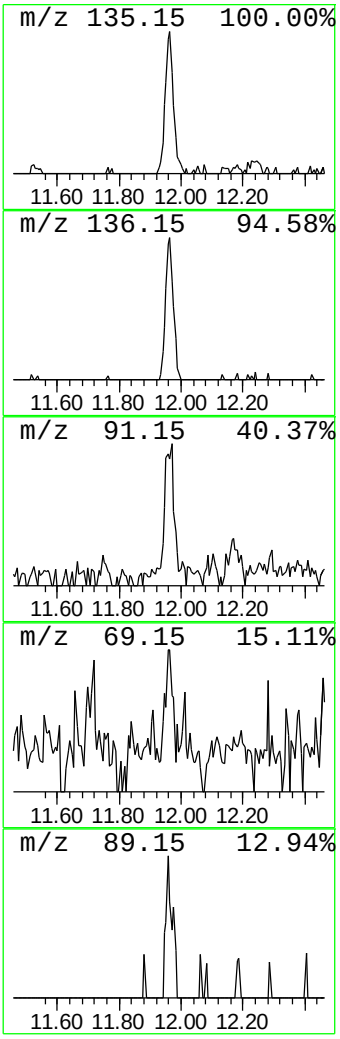
****

Peak Number 5 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.58 ng	49809	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	91
2	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	91
3	2-Hydroxy-5-methylbenzaldehyde	136	C8H8O2	000613-84-3	80
4	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	68
5	Benzaldehyde, 3-methoxy-	136	C8H8O2	000591-31-1	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
Data File : BG035489.D
Acq On : 28 Jun 2018 22:13
Operator : JU/SJ
Sample : J3720-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

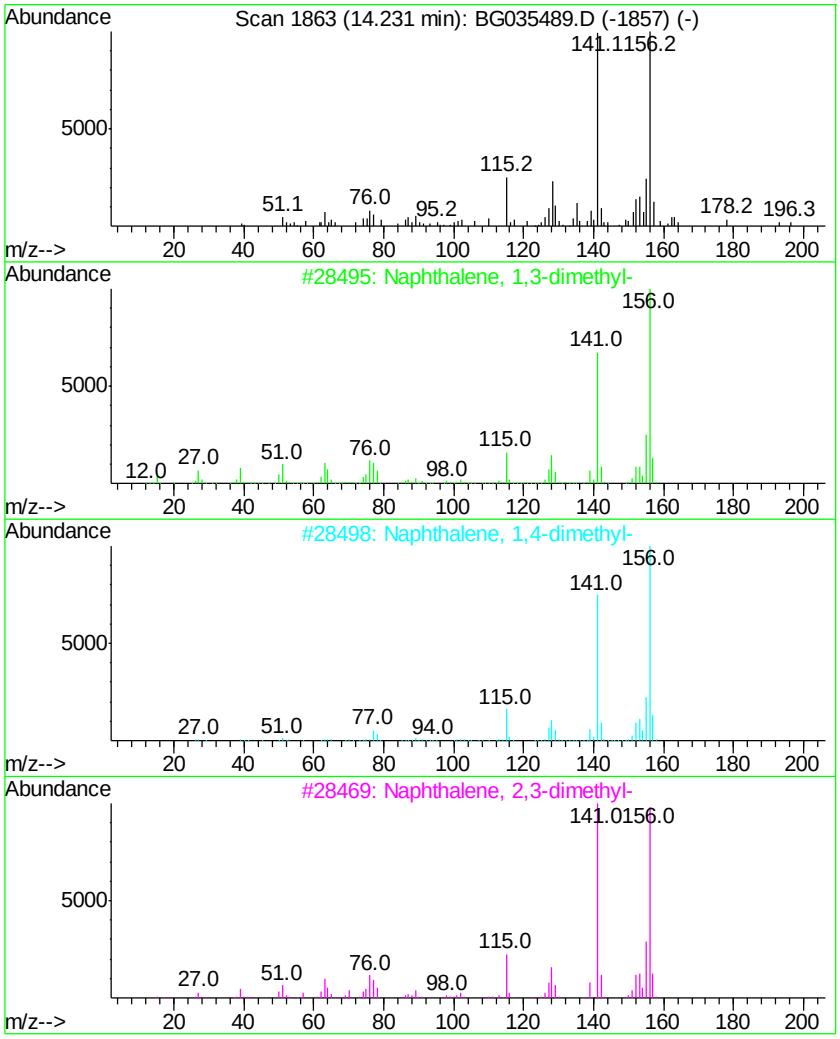
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

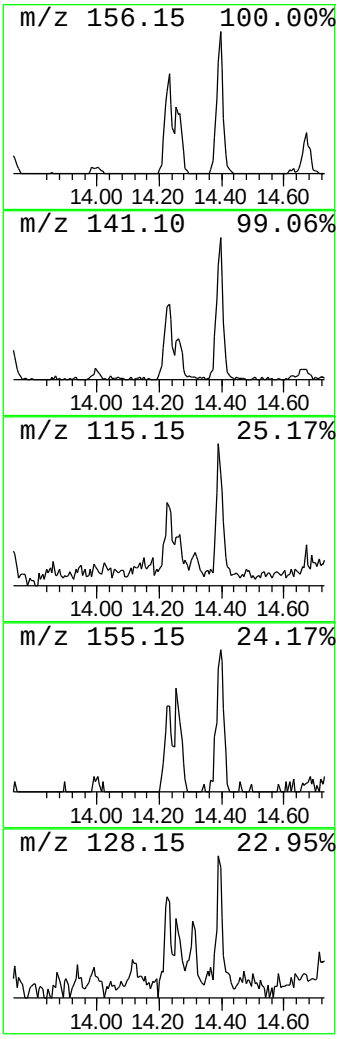
****

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	3.55 ng	66408	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
Data File : BG035489.D
Acq On : 28 Jun 2018 22:13
Operator : JU/SJ
Sample : J3720-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

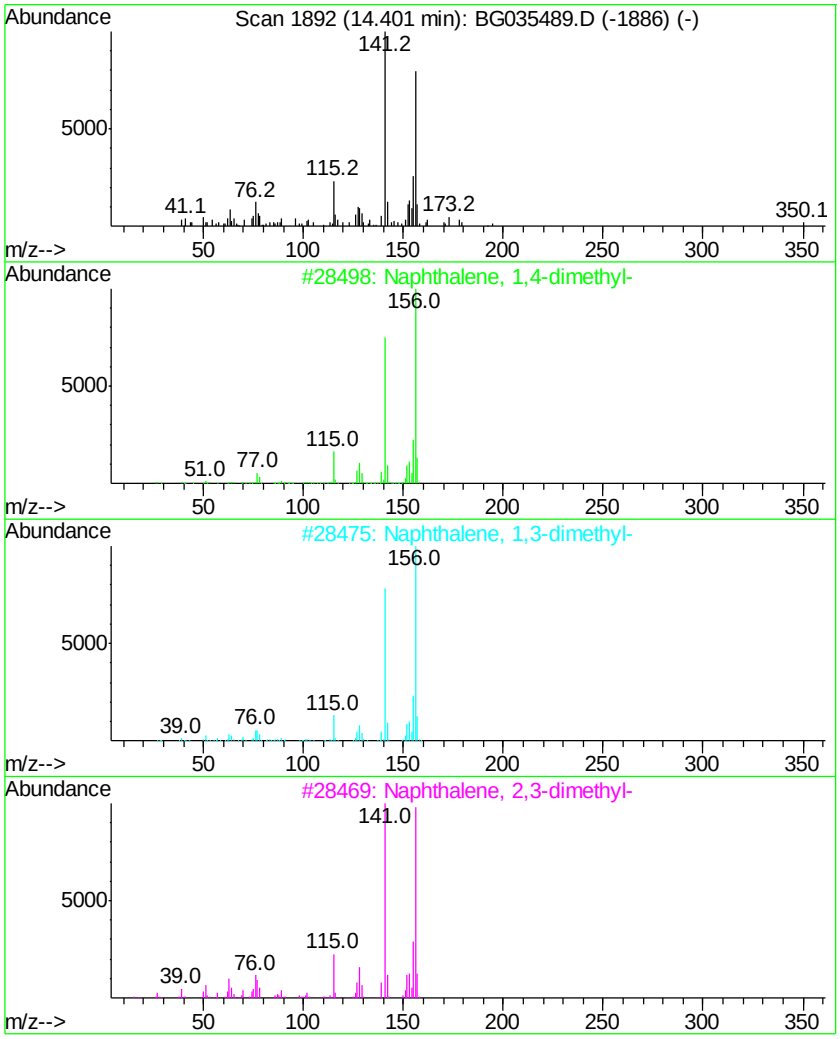
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

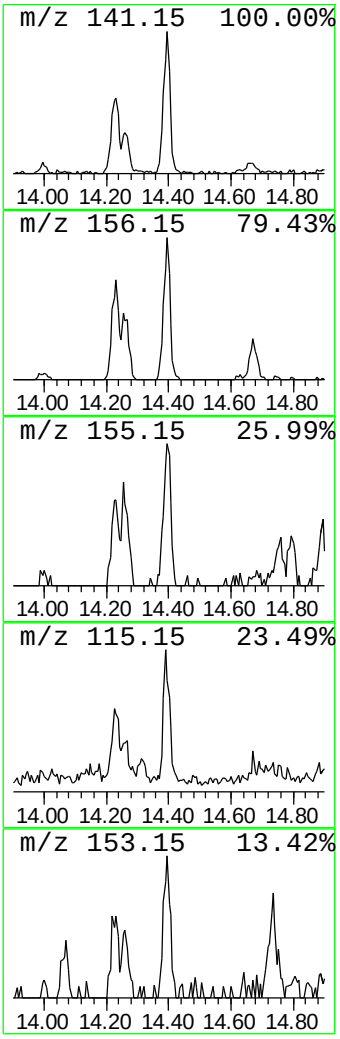
****

Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	4.82 ng	90156	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
Data File : BG035489.D
Acq On : 28 Jun 2018 22:13
Operator : JU/SJ
Sample : J3720-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

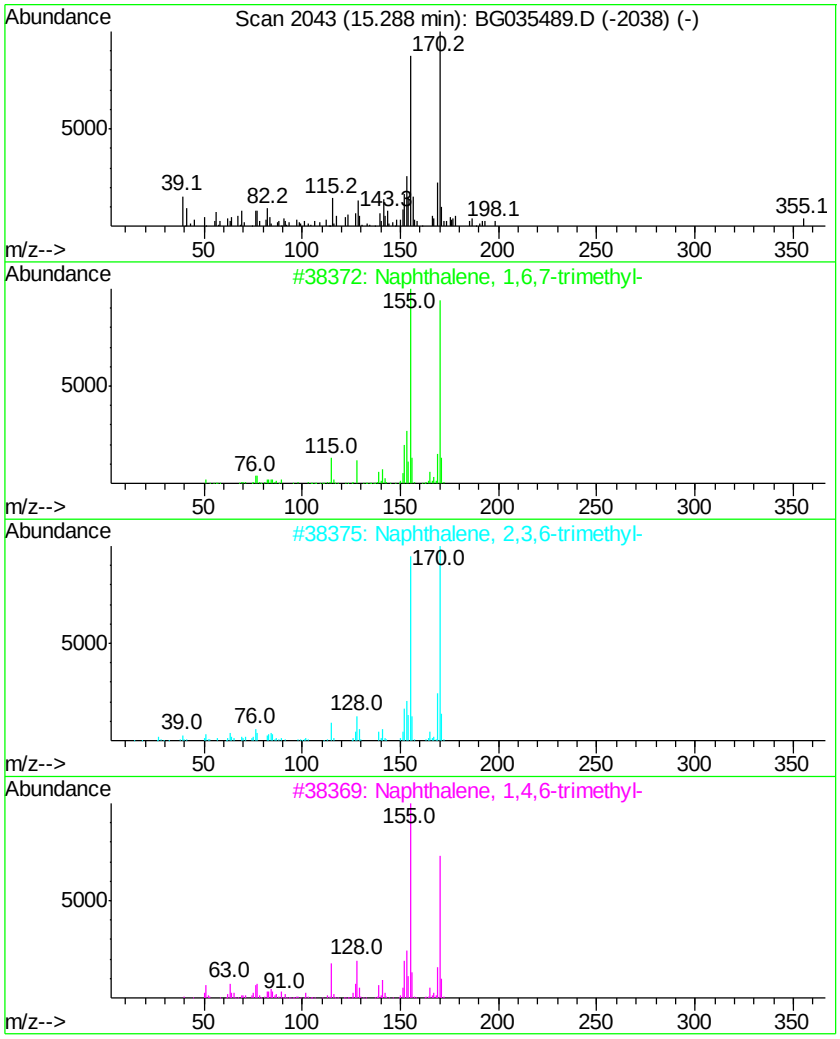
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

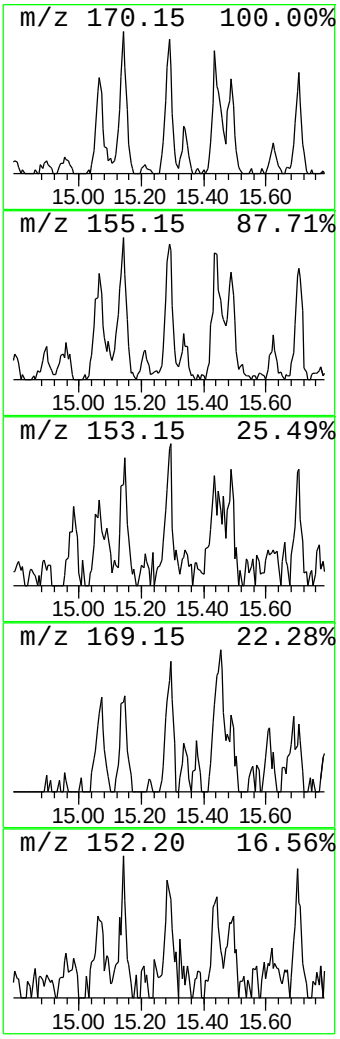
****

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	3.42 ng	63877	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
Data File : BG035489.D
Acq On : 28 Jun 2018 22:13
Operator : JU/SJ
Sample : J3720-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.17	3.5	ng	32888	1	8.05	190031	20.0
Benzene, (1-methy...	6.54	3.6	ng	34167	1	8.05	190031	20.0
unknown7.59	7.59	91.0	ng	864151	1	8.05	190031	20.0
Benzo[b]thiophene...	11.96	3.6	ng	49809	2	10.85	278090	20.0
Naphthalene, 1,3-...	14.23	3.5	ng	66408	3	14.67	373970	20.0
Naphthalene, 1,4-...	14.40	4.8	ng	90156	3	14.67	373970	20.0
Naphthalene, 1,6,...	15.29	3.4	ng	63877	3	14.67	373970	20.0