LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036223.D
Acq On : 9 Aug 2018 8:30
Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

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-BG071218.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	5.127	307	313	318	rBV	35302	55133	1.90%	0.389%
2	5.597	384	393	407	rBV	263654	485310	16.73%	3.424%
3	7.183	651	663	676	rBV	160564	343653	11.84%	2.424%
4	7.547	717	725	734	rBV	499306	896927	30.91%	6.327%
5	8.005	795	803	813	rBV	101490	183295	6.32%	1.293%
6	8.328	847	858	871	rBV	470337	877652	30.25%	6.191%
7	8.499	880	887	893	rBV	55315	92954	3.20%	0.656%
8	8.698	909	921	930	rVB2	45226	76435	2.63%	0.539%
9	9.109	981	991	995	rBV2	37267	68133	2.35%	0.481%
10	9.174	995	1002	1015	rVB	359916	772300	26.62%	5.448%
11	9.344	1026	1031	1035	rBV5	21714	39185	1.35%	0.276%
12	9.456	1041	1050	1055	rBV	26178	50088	1.73%	0.353%
13	9.632	1075	1080	1086	rVB	80565	136732	4.71%	0.965%
14	9.891	1118	1124	1133	rVV5	18073	38899	1.34%	0.274%
15	10.002	1136	1143	1151	rVV5	49347	133349	4.60%	0.941%
16	10.208	1171	1178	1185	rBV4	25852	49688	1.71%	0.351%
17	10.378	1198	1207	1211	rBV6	13499	30935	1.07%	0.218%
18	10.502	1223	1228	1233	rBV2	22940	38733	1.33%	0.273%
19	10.807	1264	1280	1285	rBV2	122298	309949	10.68%	2.187%
20	10.919	1294	1299	1307	rVB3	47081	89956	3.10%	0.635%
21	11.019	1307	1316	1326	rBV3	32308	66346	2.29%	0.468%
22	11.177	1337	1343	1347	rBV4	17809	30252	1.04%	0.213%
23	11.271	1347	1359	1368	rBV2	76767	158037	5.45%	1.115%
24	11.383	1372	1378	1384	rBV	69564	126591	4.36%	0.893%
25	11.706	1429	1433	1441	rVB4	25938	50291	1.73%	0.355%
26	11.912	1463	1468	1474	rBV2	29348	50278	1.73%	0.355%
27	12.123	1500	1504	1511	rVB2	30394	53306	1.84%	0.376%
28	12.346	1535	1542	1547	rVB4	42444	89894	3.10%	0.634%
29	12.423	1551	1555	1565	rVB3	24820	44550	1.54%	0.314%
30	12.710	1598	1604	1608	rBV2	52237	88466	3.05%	0.624%
31	12.787	1613	1617	1621	rVB	37099	59033	2.03%	0.416%
32	12.963	1643	1647	1653	rVV4	22770	48438	1.67%	0.342%
33	13.016	1653	1656	1661	rVB2	26241	34233	1.18%	0.241%
34	13.151	1671	1679	1689	rVB10	36162	114502	3.95%	0.808%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036223.D
Acq On : 9 Aug 2018 8:30
Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

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-BG071218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.257	1689	1697	1703	rBV	1051614	1634258	56.32%	11.529%
36	13.574	1747	1751	1756	rVB2	40546	62766	2.16%	0.443%
37	13.621	1757	1759	1767	rVB6	19305	29862	1.03%	0.211%
38	13.968	1814	1818	1822	rBV4	25953	32968	1.14%	0.233%
39	14.144	1843	1848	1851	rBV5	16872	29971	1.03%	0.211%
40	14.631	1922	1931	1937	rBV2	220198	394249	13.59%	2.781%
41	15.231	2029	2033	2041	rBV3	61290	121268	4.18%	0.855%
42	15.330	2046	2050	2054	rVB3	46640	67102	2.31%	0.473%
43	16.124	2177	2185	2198	rVB	963265	1558430	53.71%	10.994%
44	17.375	2391	2398	2406	rBV	306438	477708	16.46%	3.370%
45	19.983	2837	2842	2854	rBV	2155301	2901560	100.00%	20.469%
46	21.640	3117	3124	3136	rBV	324153	563131	19.41%	3.973%
47	24.829	3656	3667	3681	rBV2	168716	518696	17.88%	3.659%

Sum of corrected areas: 14175492

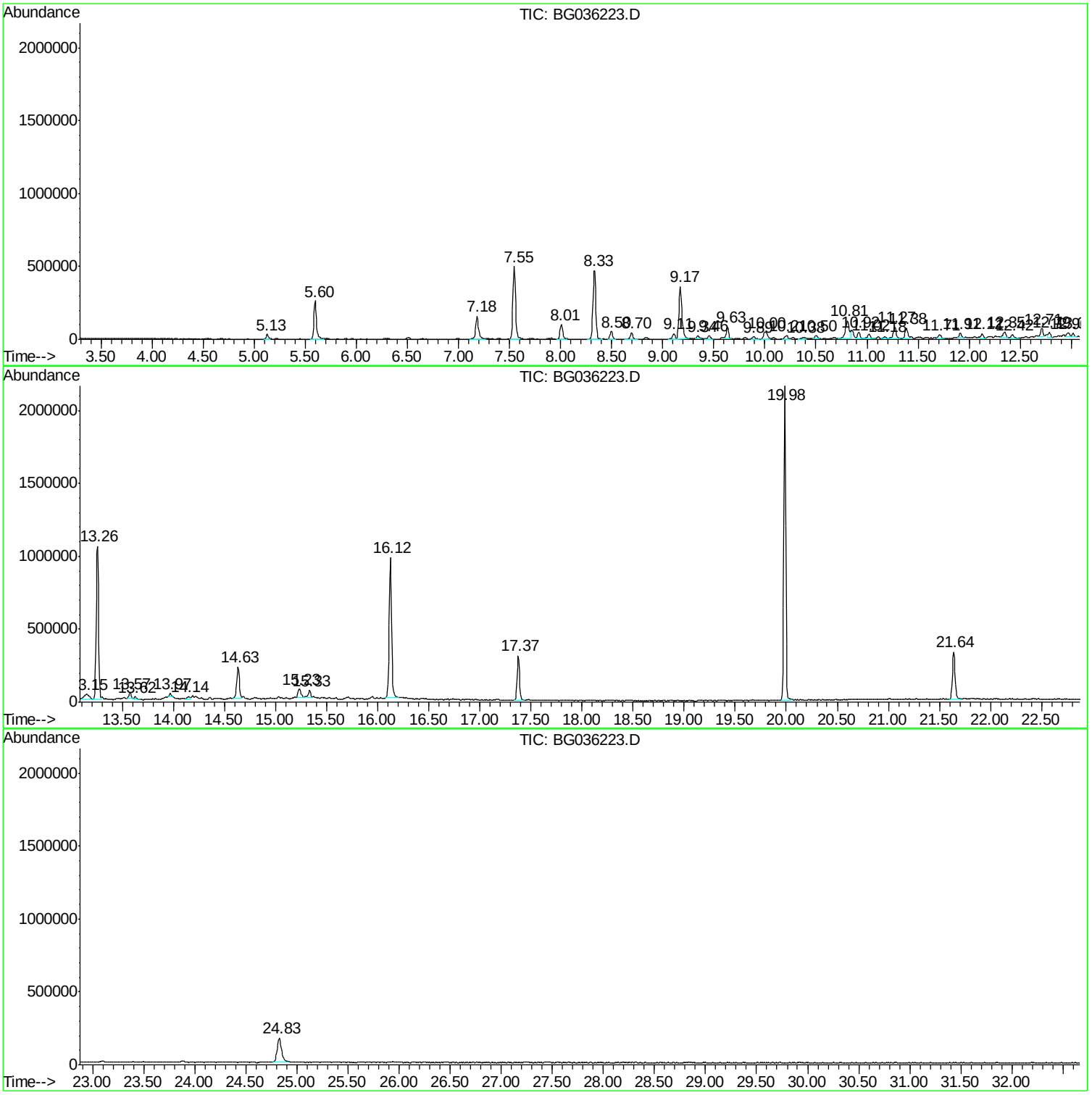
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036223.D
Acq On : 9 Aug 2018 8:30
Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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\BG080818\
Data File : BG036223.D
Acq On : 9 Aug 2018 8:30
Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

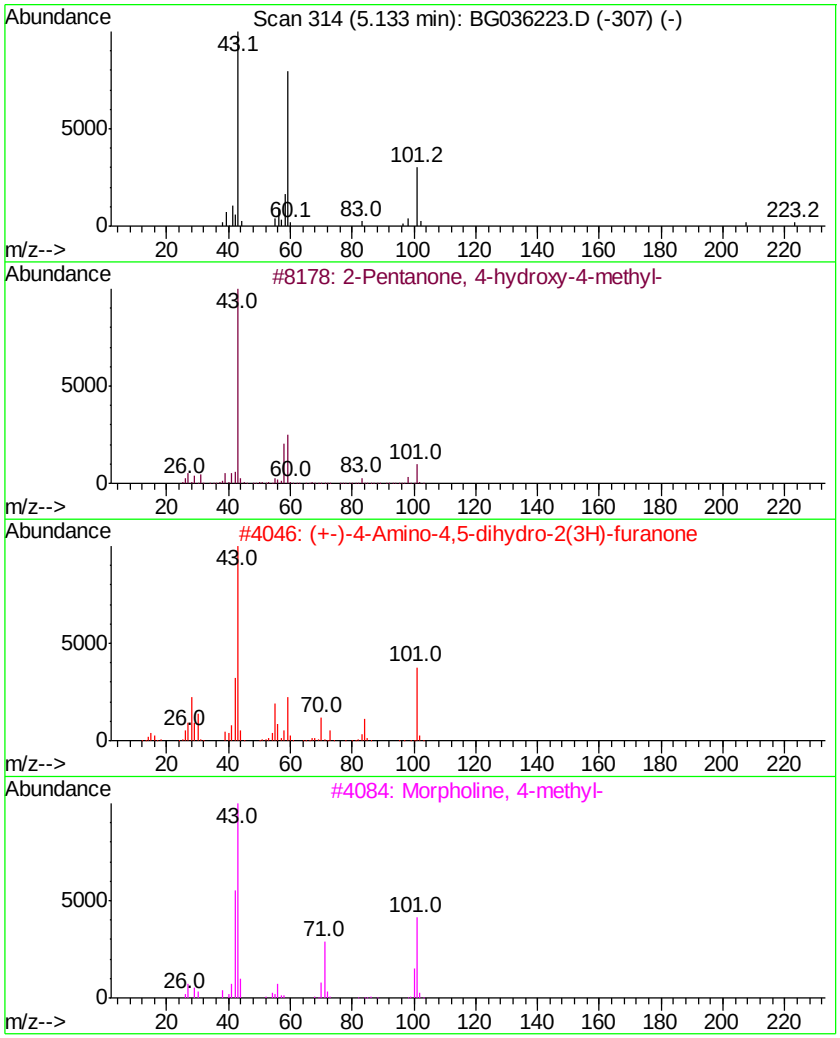
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

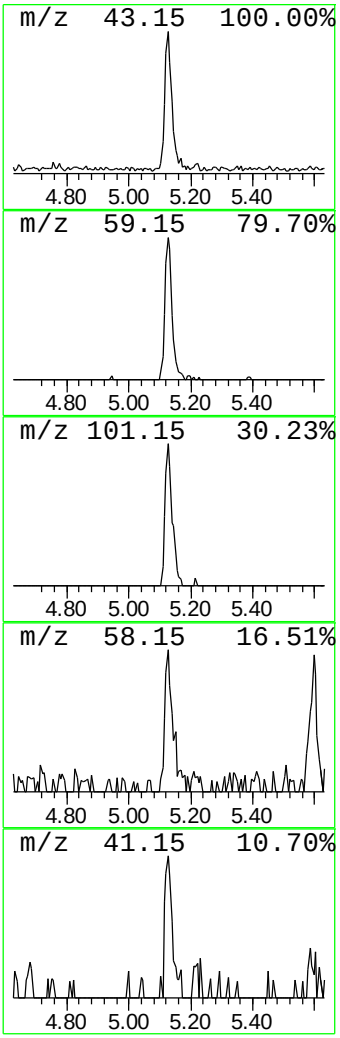
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	6.02 ng	55133	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	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	40
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	12
5	2-Nonanone	142	C9H18O	000821-55-6	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036223.D
Acq On : 9 Aug 2018 8:30
Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

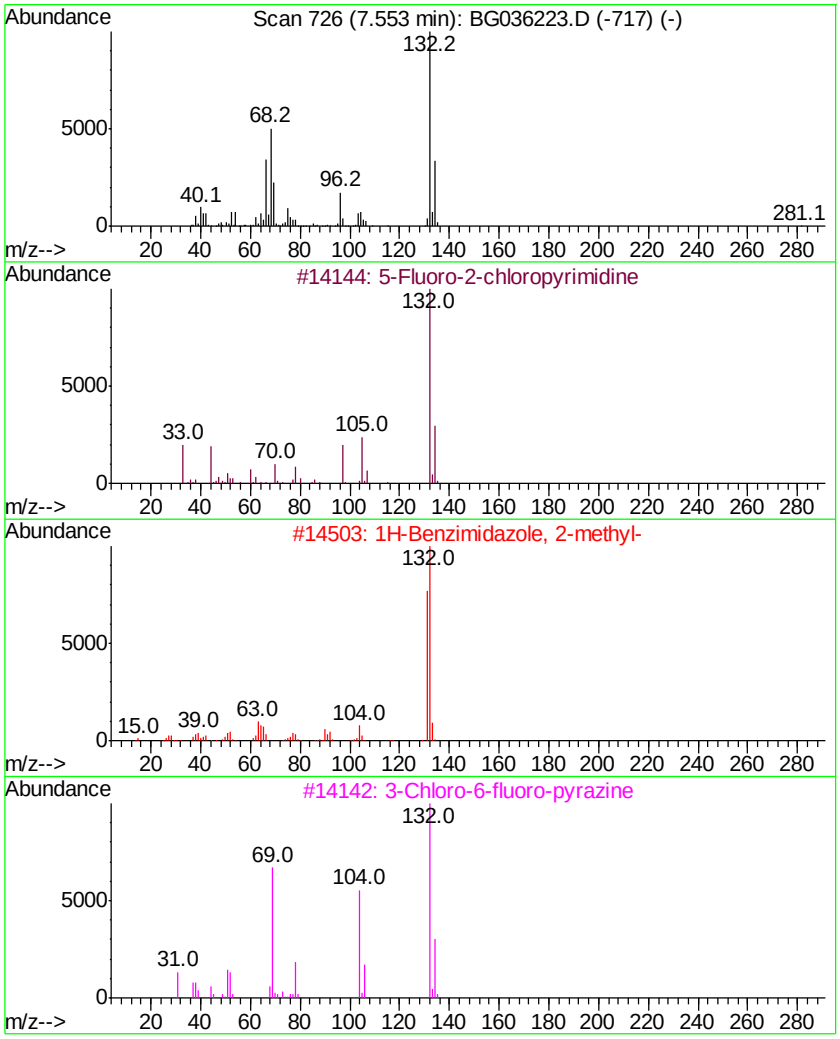
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

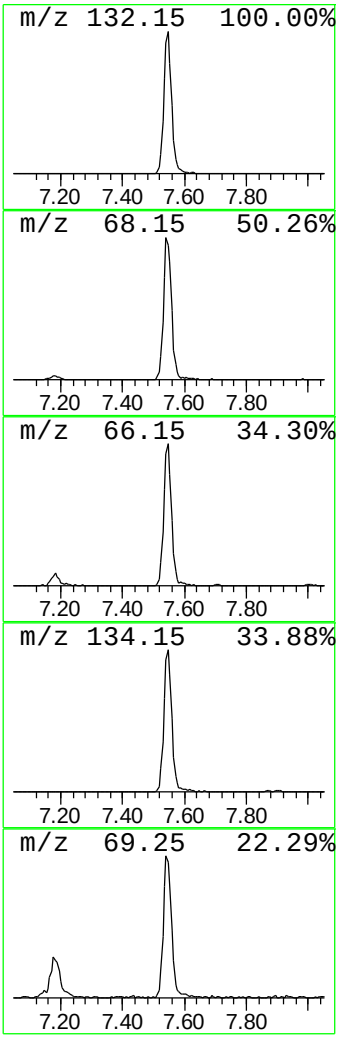
****

Peak Number 2 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	97.87 ng	896927	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036223.D
Acq On : 9 Aug 2018 8:30
Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

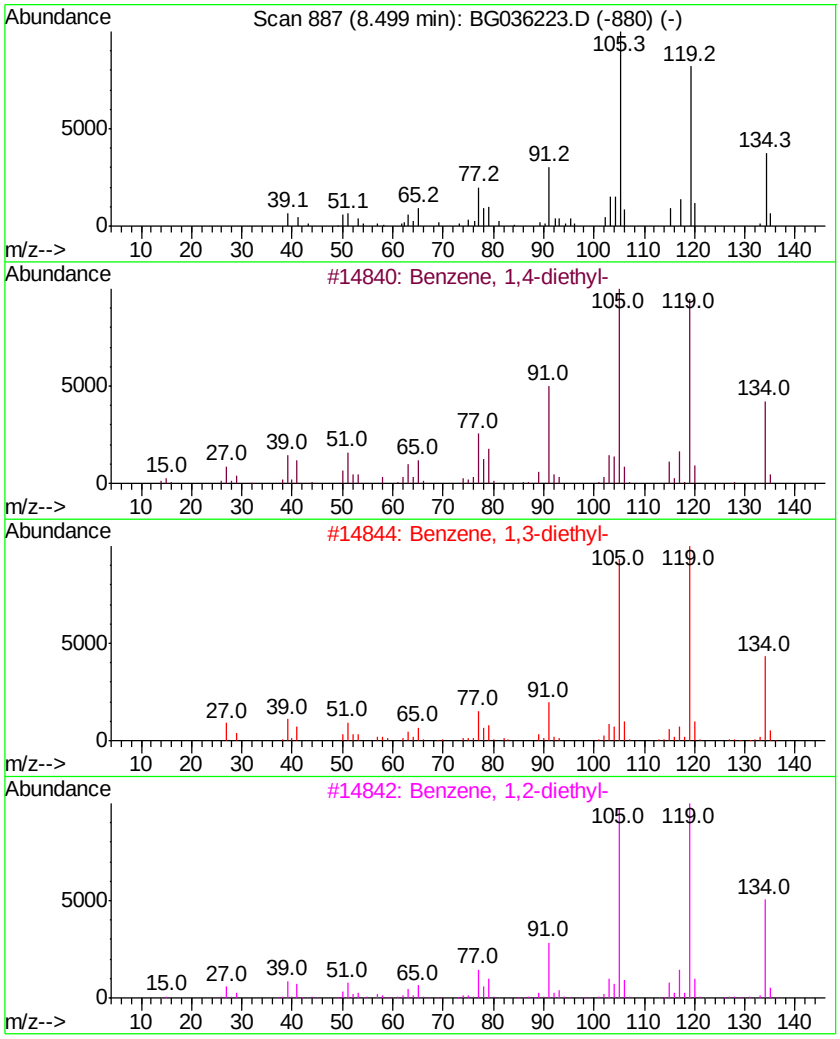
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

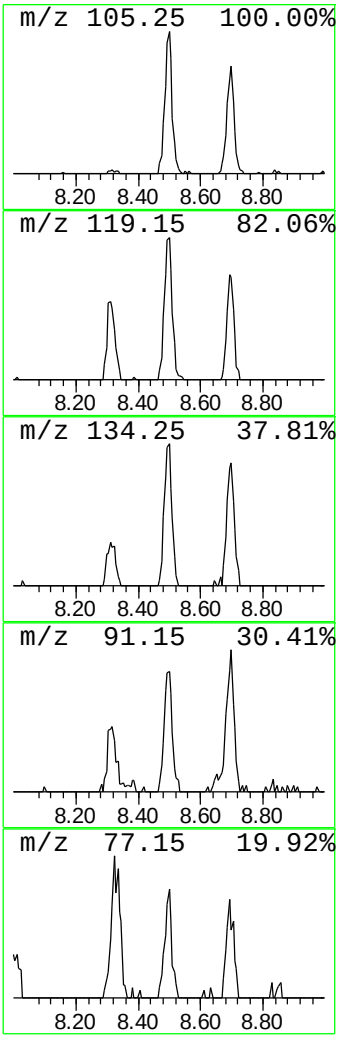
****

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	10.14 ng	92954	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036223.D
Acq On : 9 Aug 2018 8:30
Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

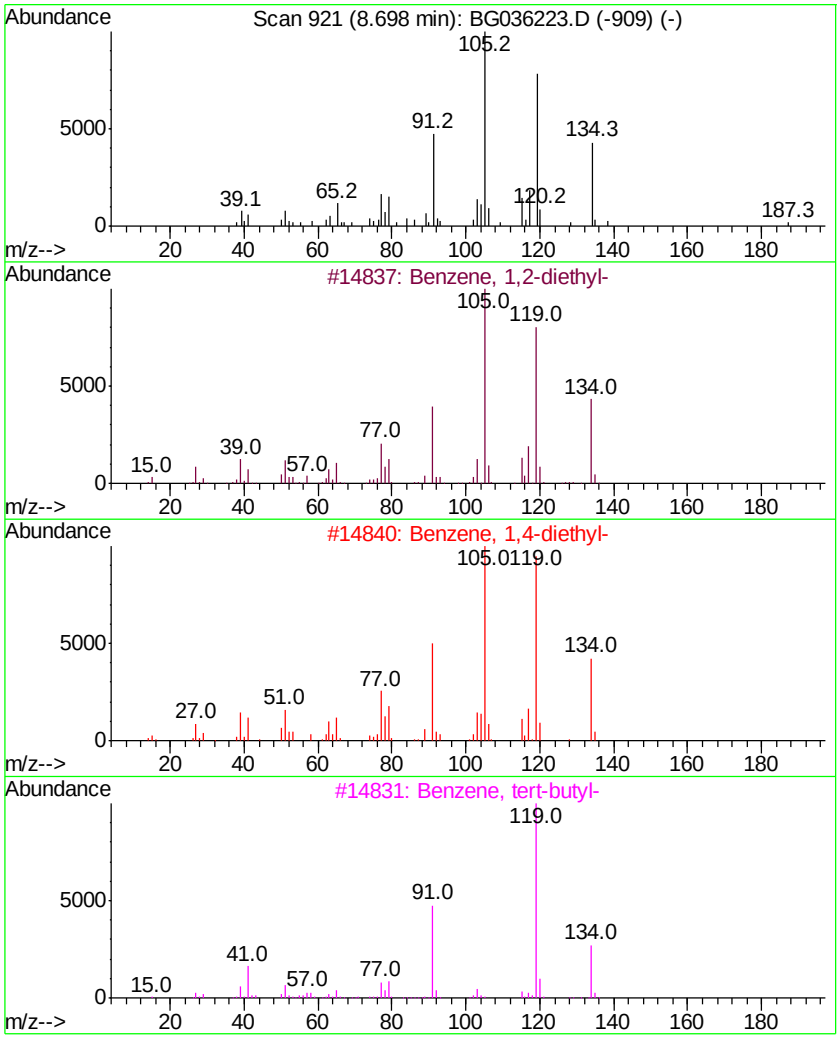
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

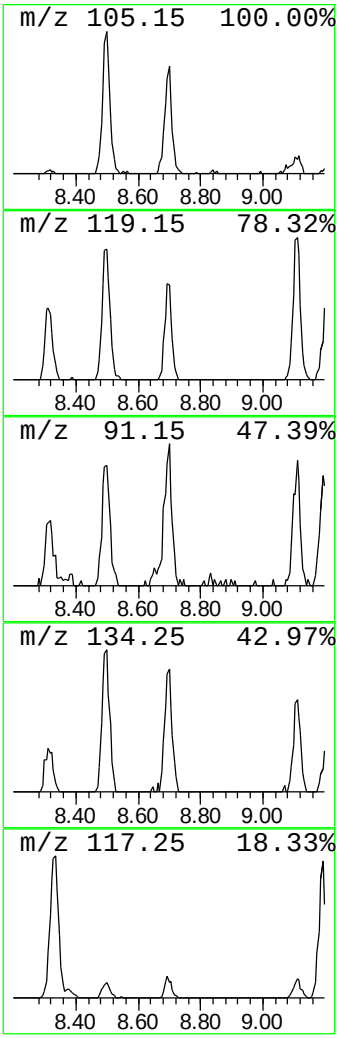
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	8.34 ng	76435	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	72
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	70
4	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	64
5	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036223.D
Acq On : 9 Aug 2018 8:30
Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

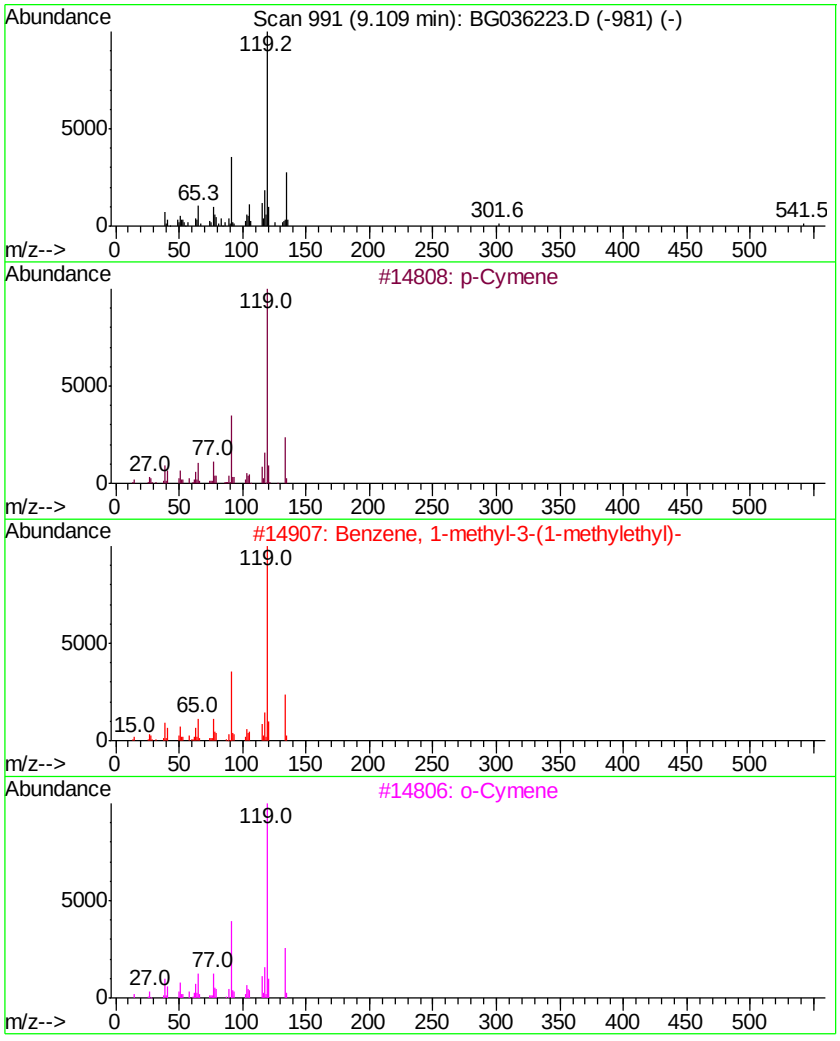
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

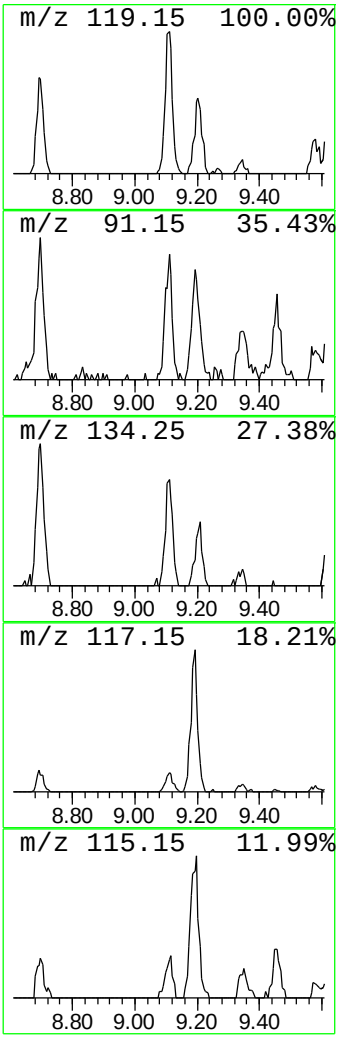
****

Peak Number 6 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	7.43 ng	68133	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3	o-Cymene	134	C10H14	000527-84-4	91
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036223.D
Acq On : 9 Aug 2018 8:30
Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

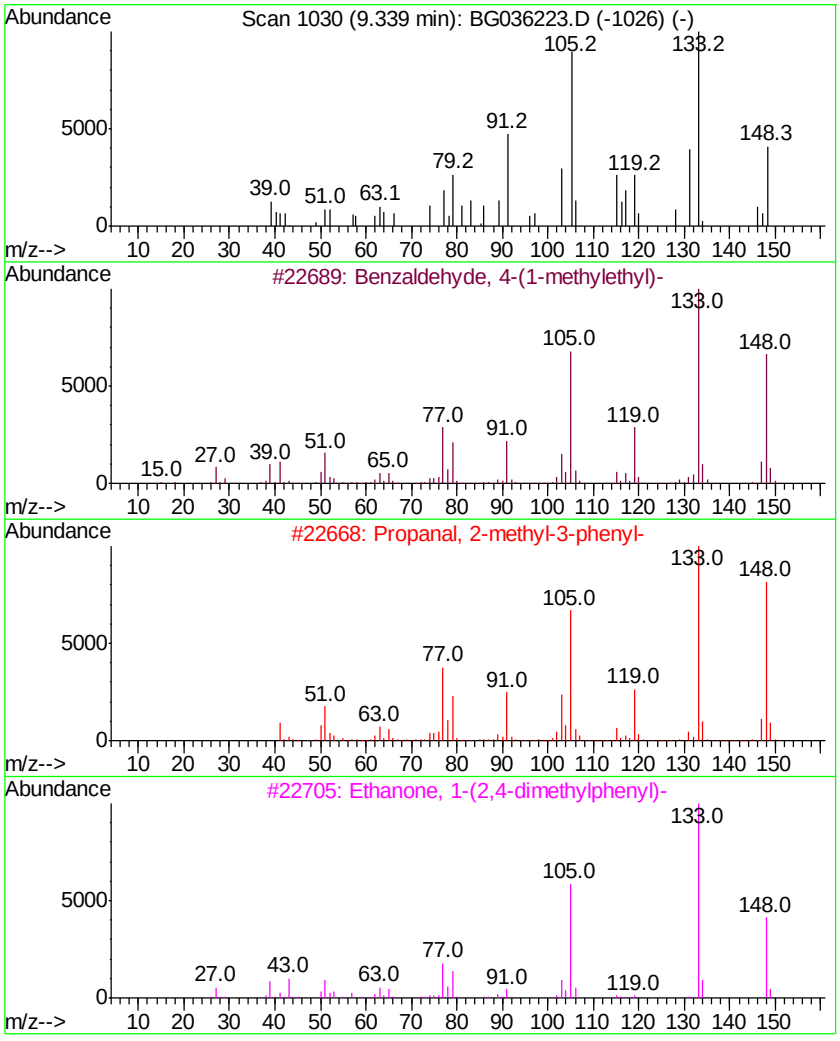
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

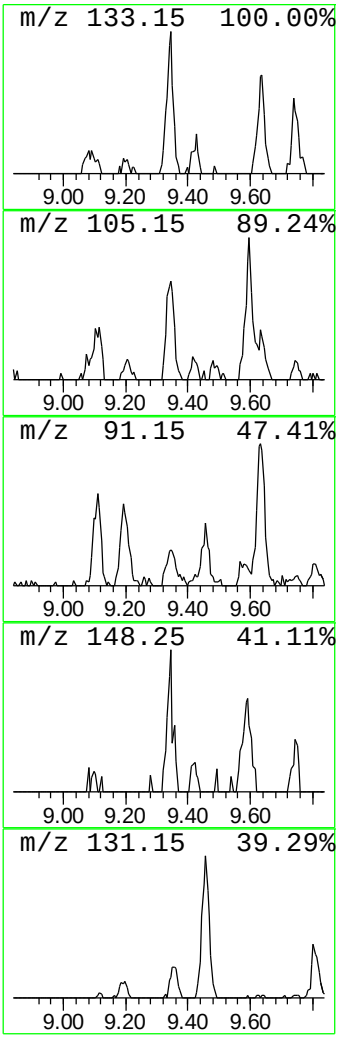
****

Peak Number 7 Benzaldehyde, 4-(1-methylet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	4.28 ng	39185	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	58
2	Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	49
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	45
4	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	45
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036223.D
Acq On : 9 Aug 2018 8:30
Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

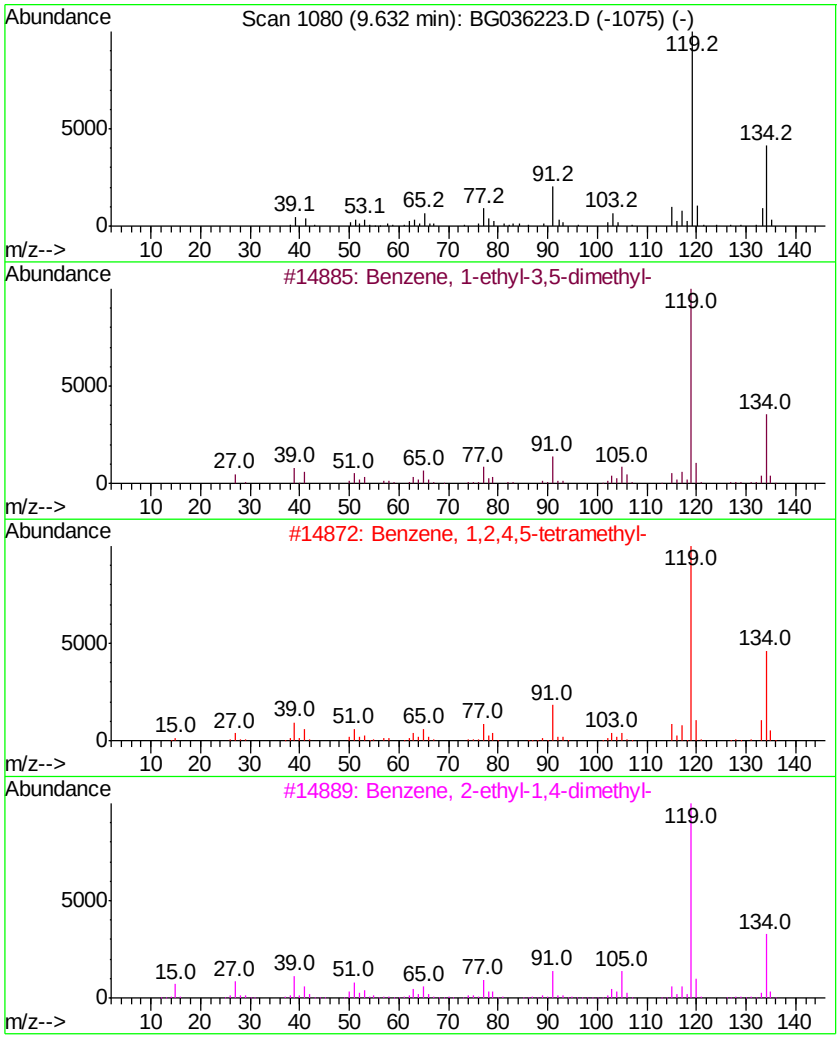
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

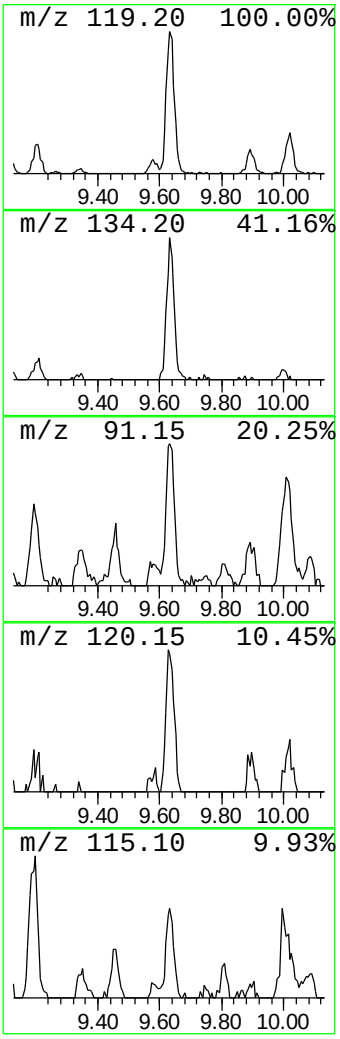
****

Peak Number 8 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	8.82 ng	136732	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036223.D
Acq On : 9 Aug 2018 8:30
Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

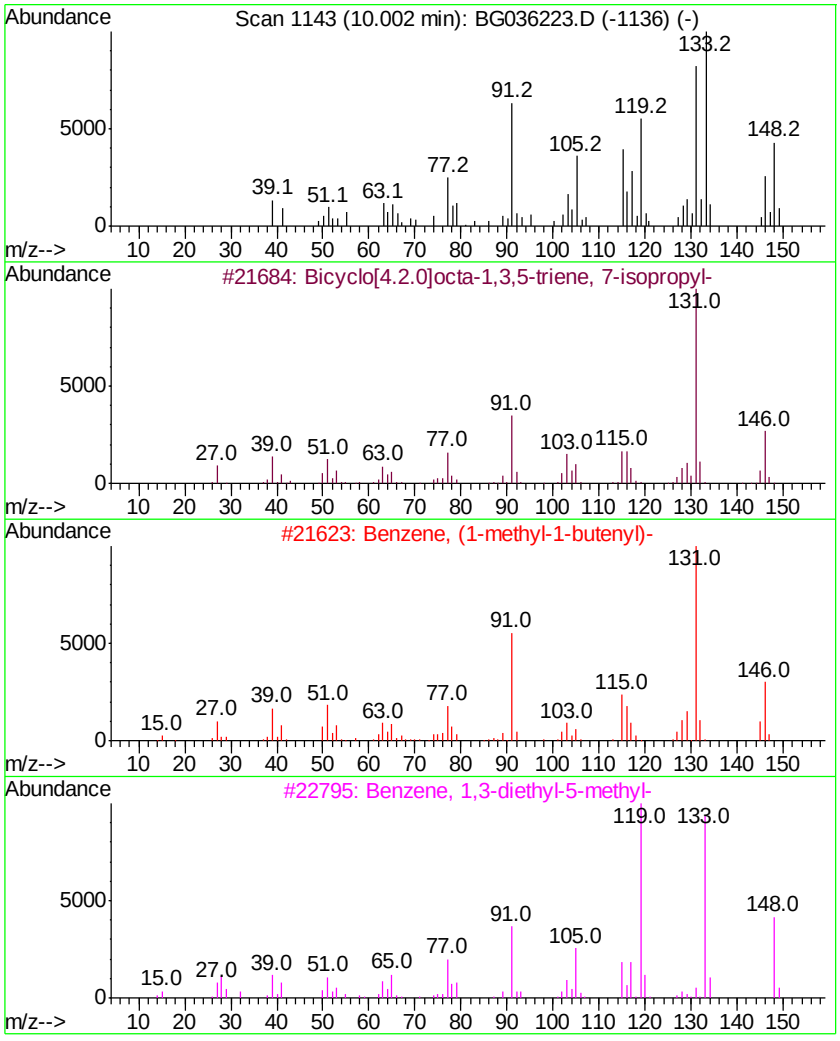
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

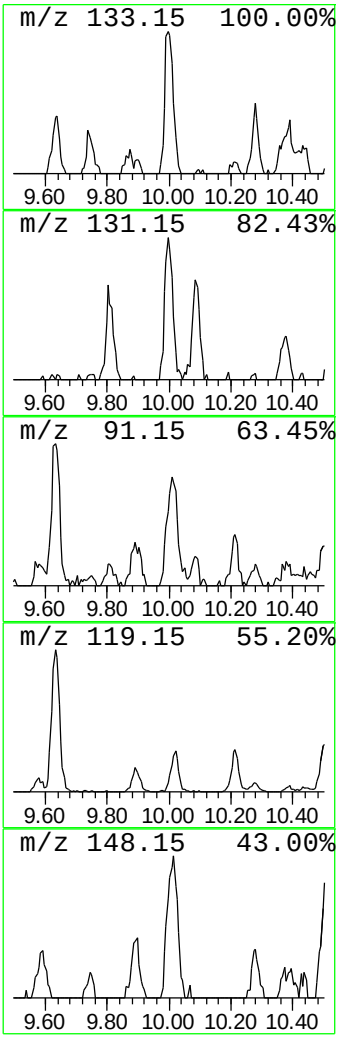
****

Peak Number 9 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	8.60 ng	133349	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	74
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	51
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	45
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	42
5	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	42





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Acq On : 9 Aug 2018 8:30
Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

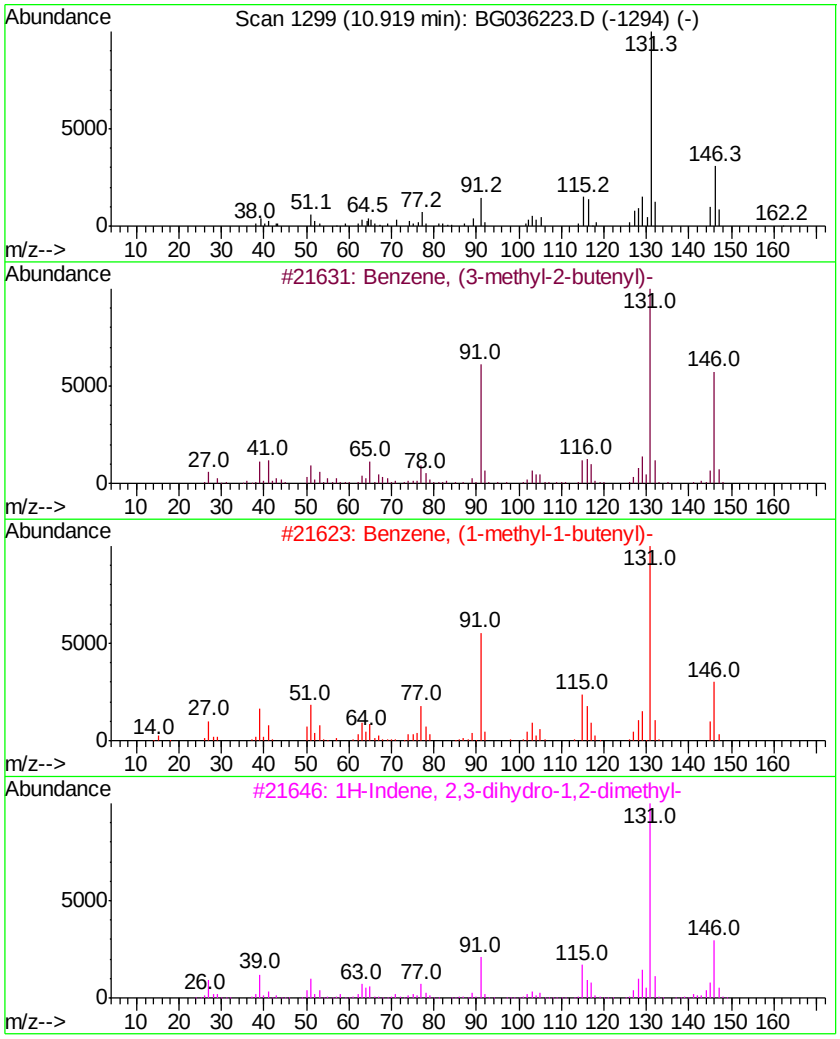
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

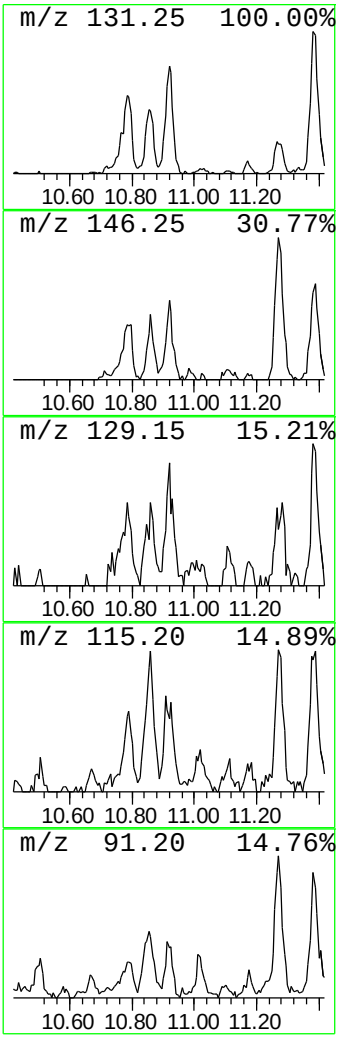
****

Peak Number 10 Benzene, (3-methyl-2-butenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	5.80 ng	89956	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	91





Library Search Compound Report

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Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

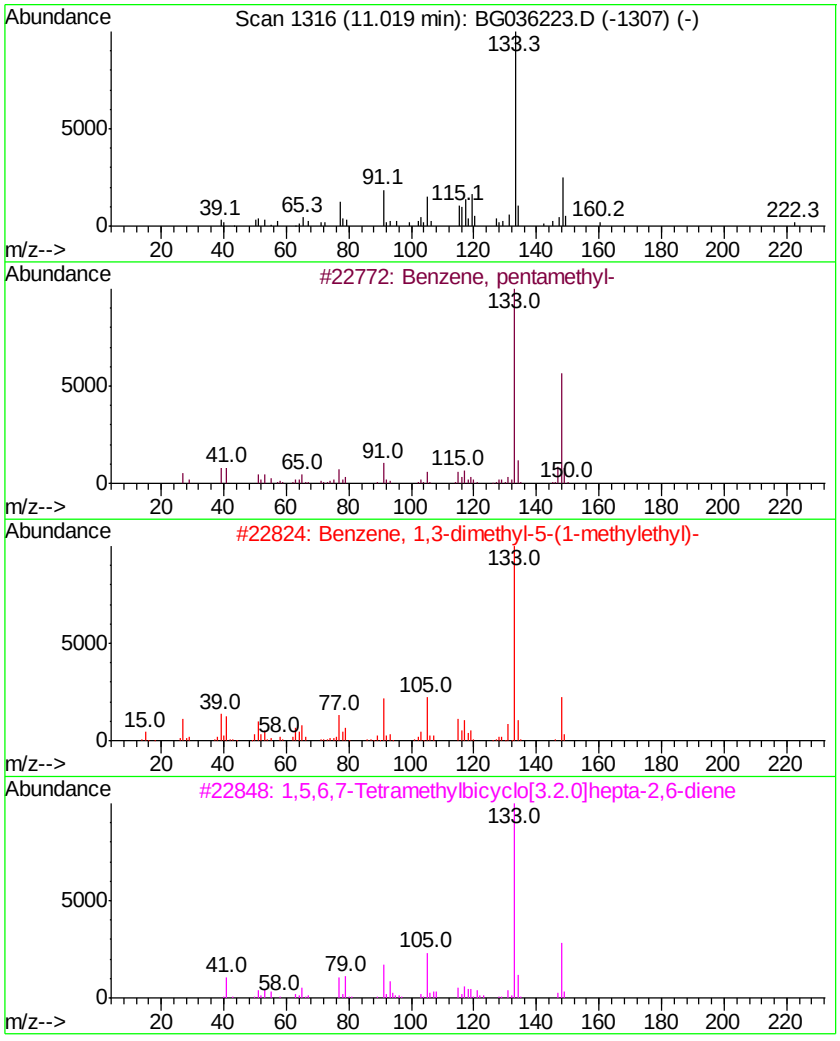
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

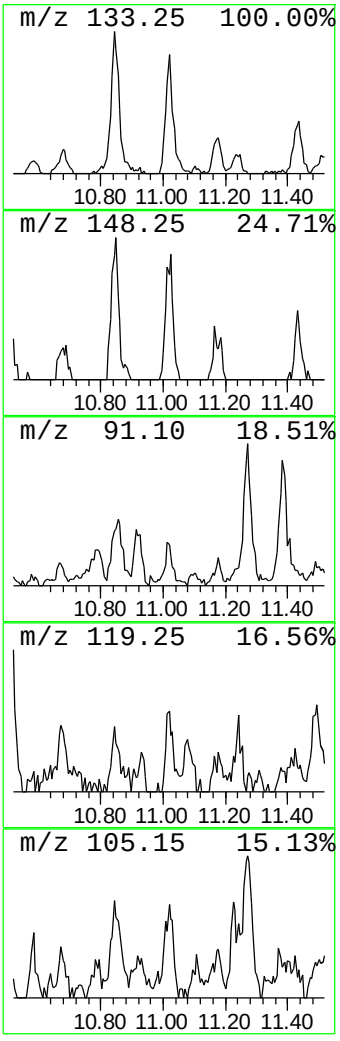
****

Peak Number 11 Benzene, pentamethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	4.28 ng	66346	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83
3	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	83
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	80
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	80





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Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

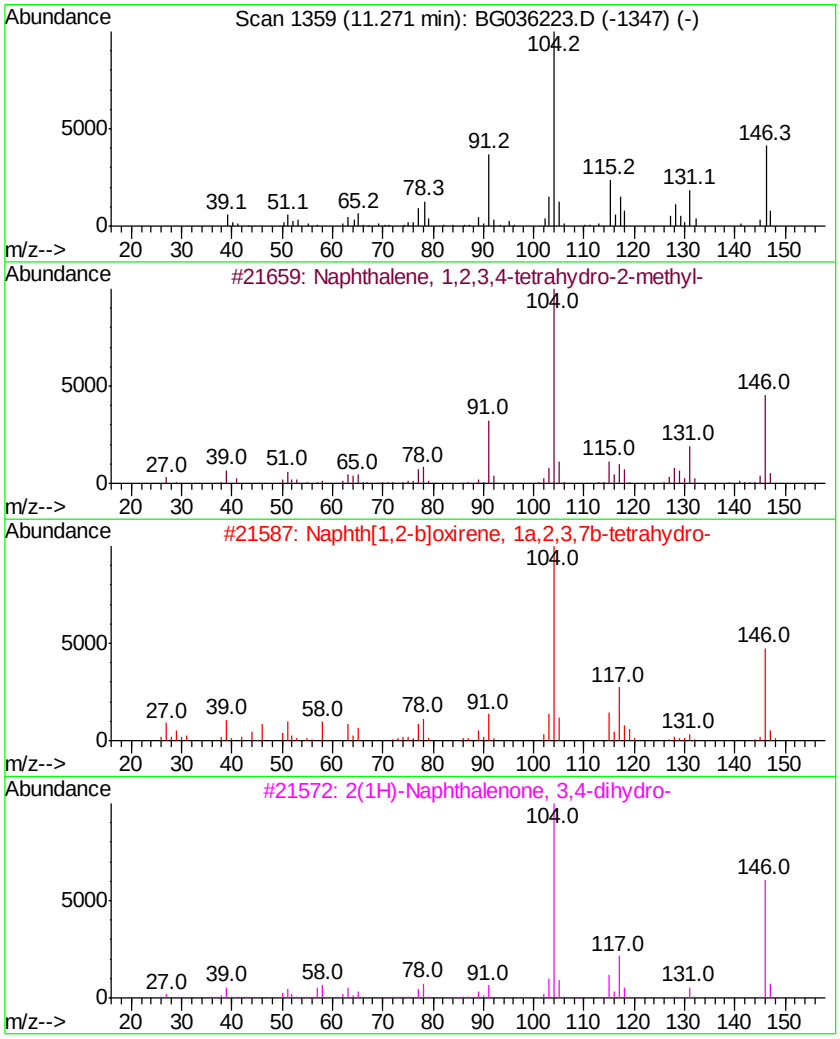
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

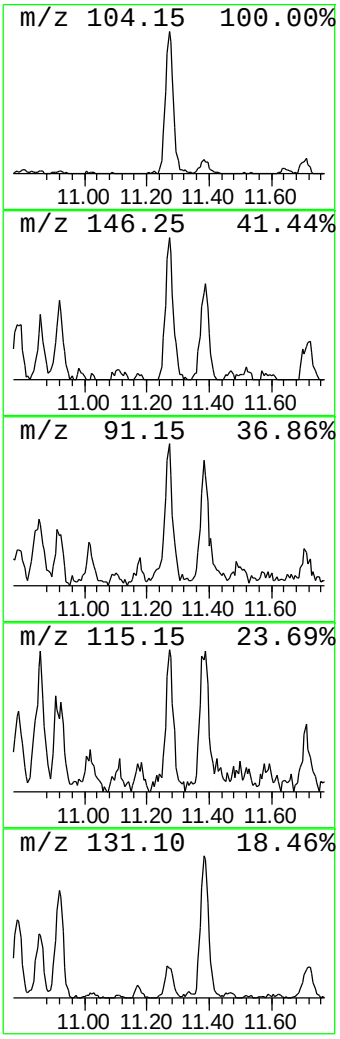
****

Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	10.20 ng	158037	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	95
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	68
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	52
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38





Library Search Compound Report

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Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

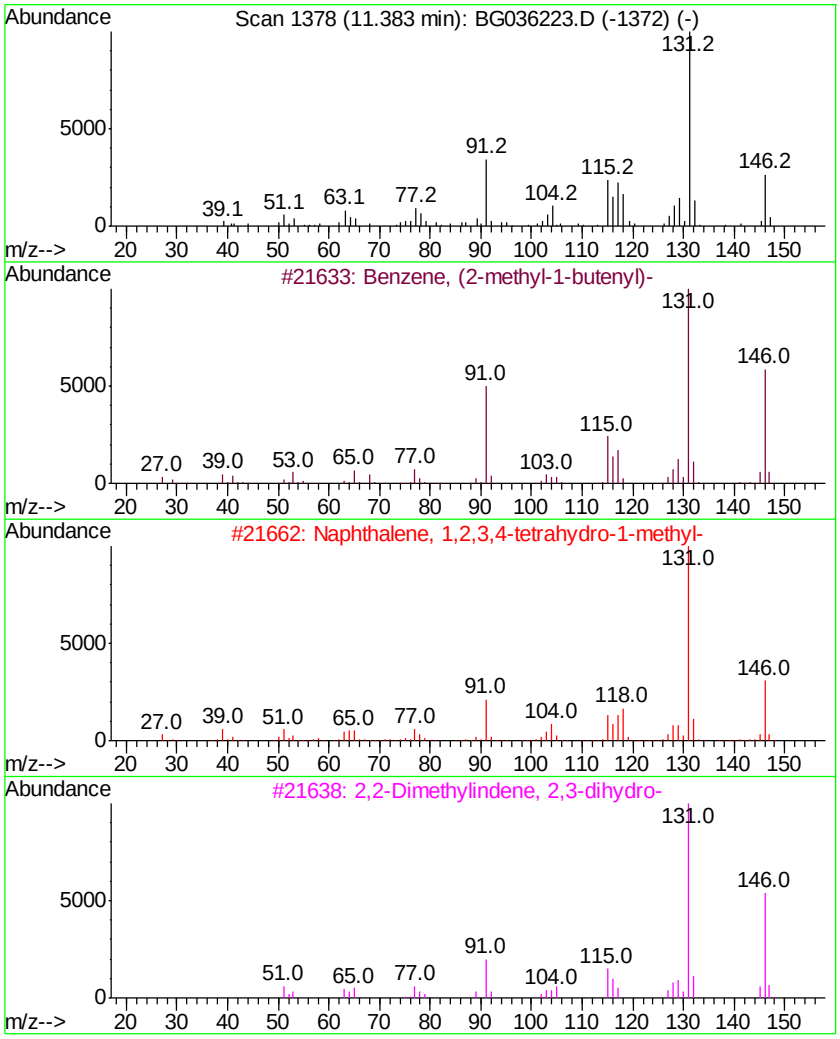
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

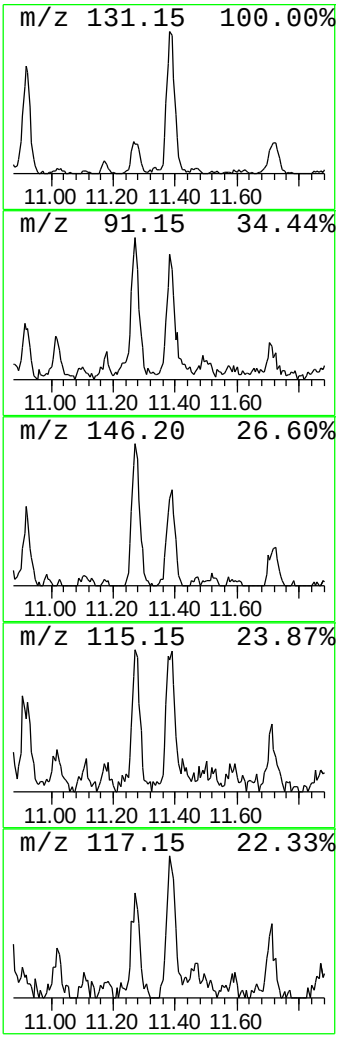
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (2-methyl-1-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	8.17 ng	126591	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81





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Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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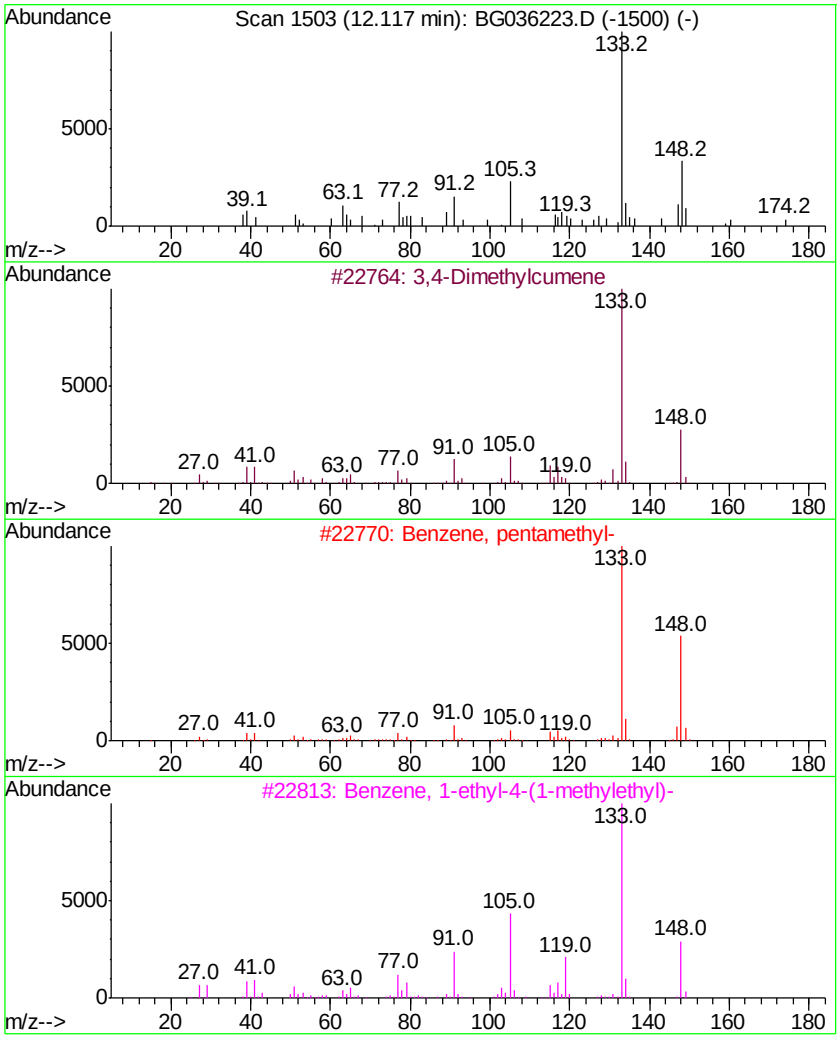
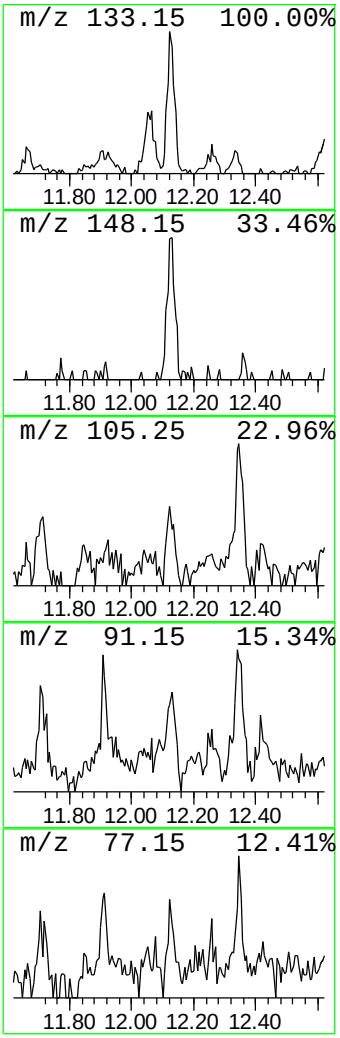
Peak Number 15 3,4-Dimethylcumene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.44 ng	53306	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	87
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	81
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	80
5	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	80





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Operator : JU/SJ
Sample : J4304-01
Misc :
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Instrument : BNA_G
ClientSampleId : EW-A07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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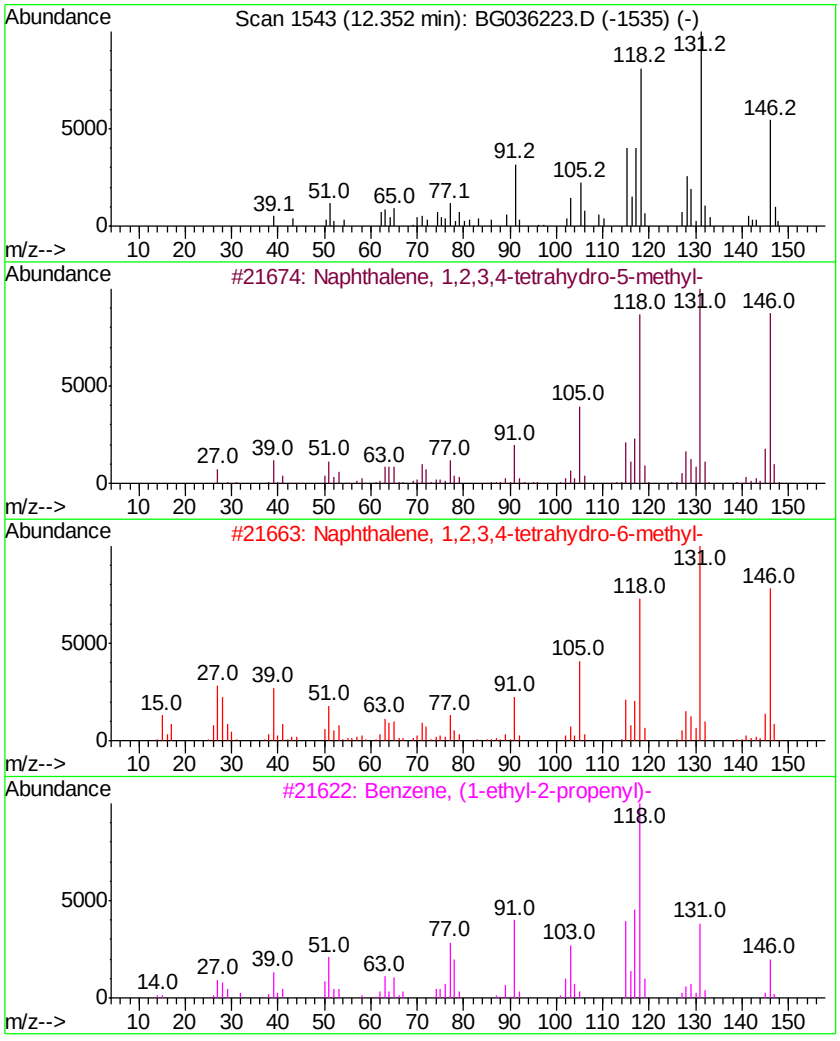
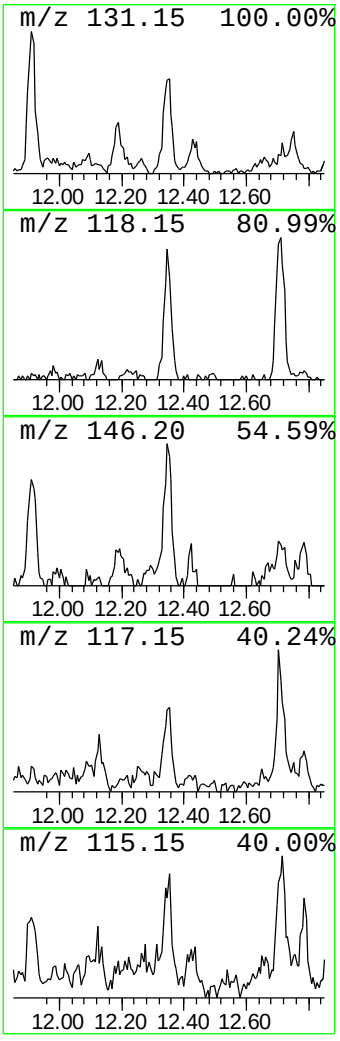
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	5.80 ng	89894	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	83
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	68
5	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	58





Library Search Compound Report

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Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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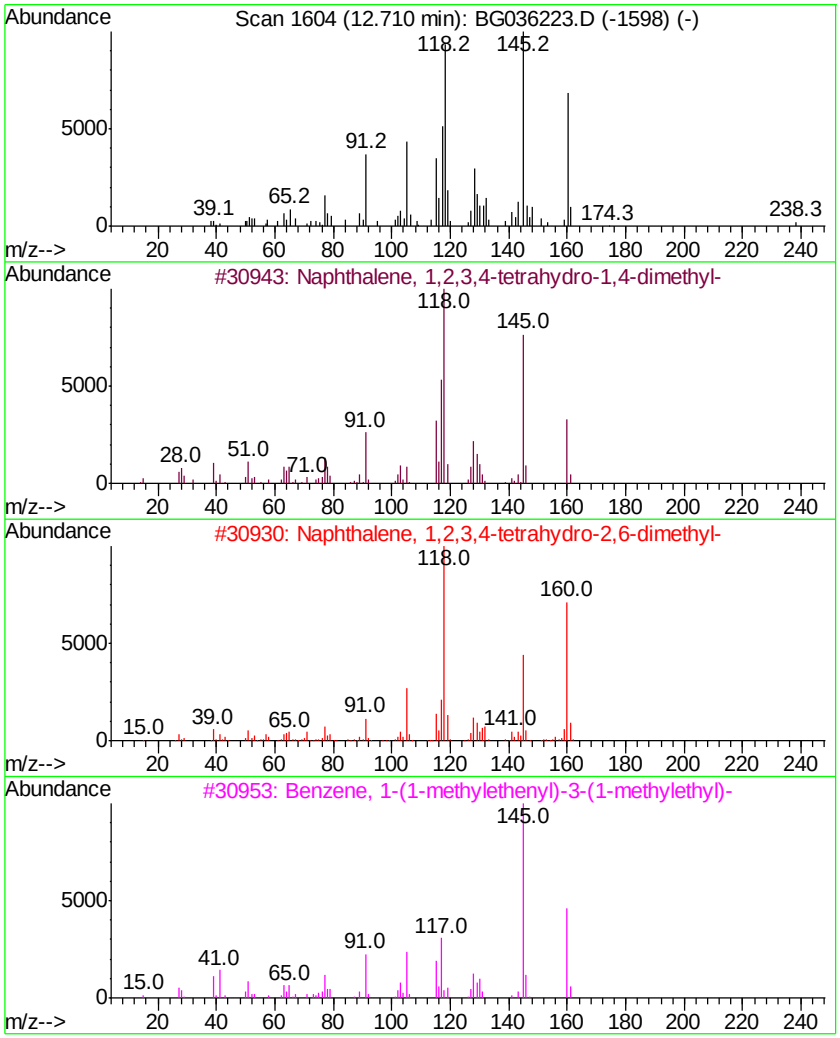
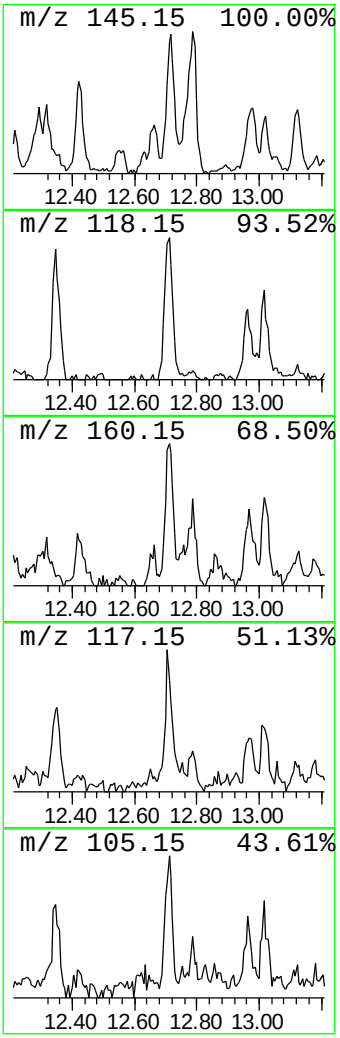
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	5.71 ng	88466	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	58
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	55





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Instrument : BNA_G
ClientSampleId : EW-A07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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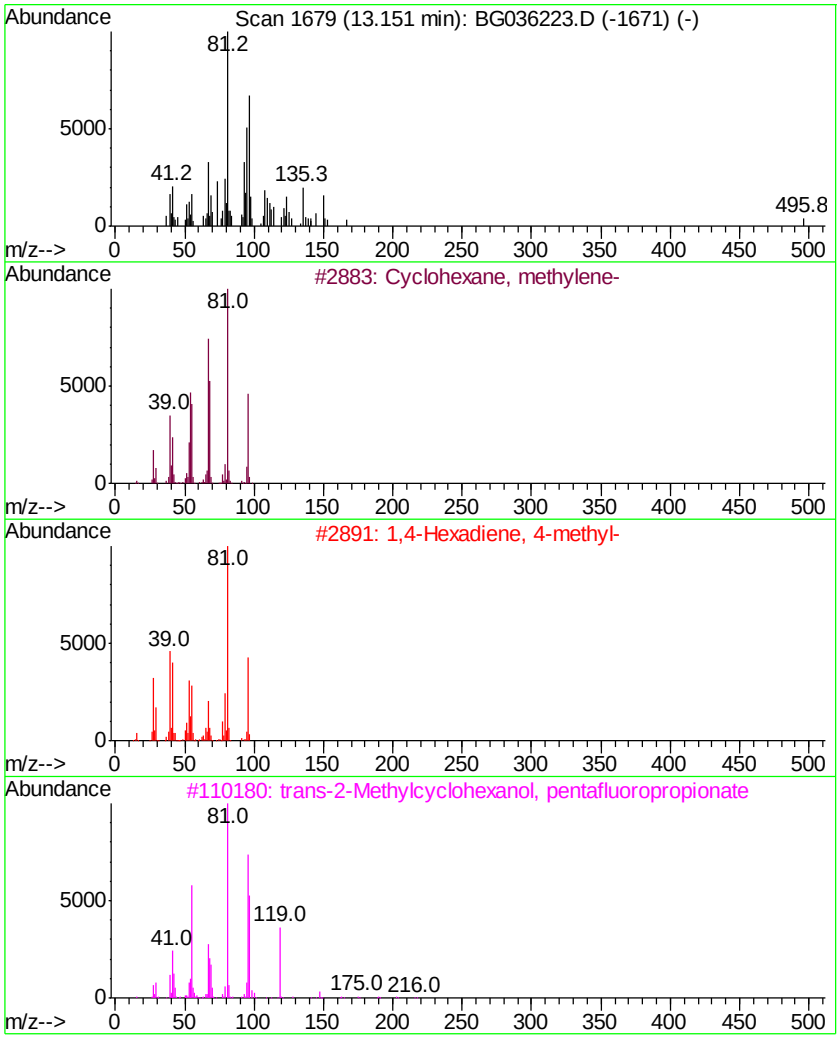
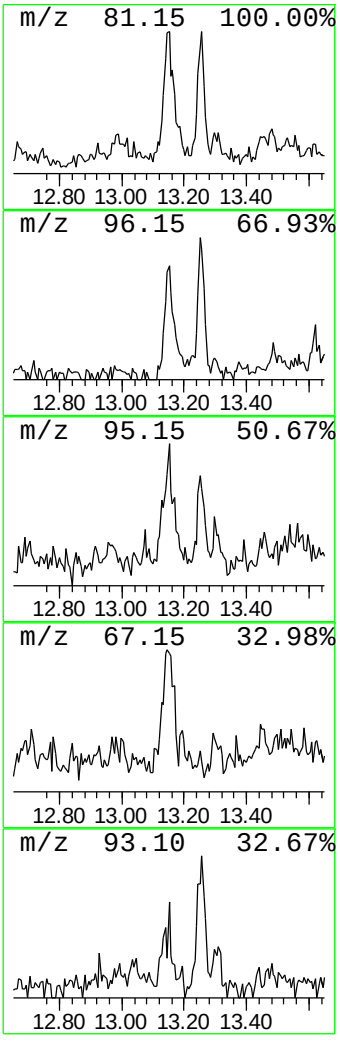
Peak Number 18 unknown13.15 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	5.81 ng	114502	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methylene-	96	C7H12	001192-37-6	38
2	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	38
3	trans-2-Methylcyclohexanol, pent...	260	C10H13F5O2	1000364-13-4	38
4	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	38
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	38





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Instrument : BNA_G
ClientSampleId : EW-A07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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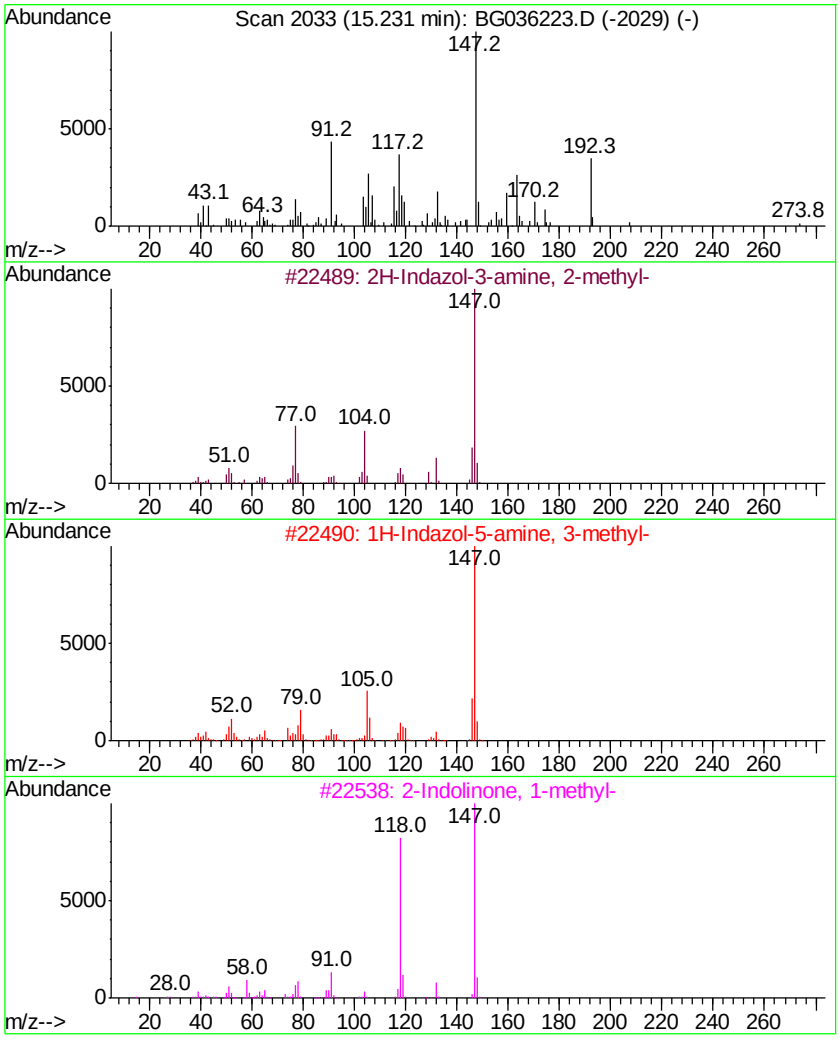
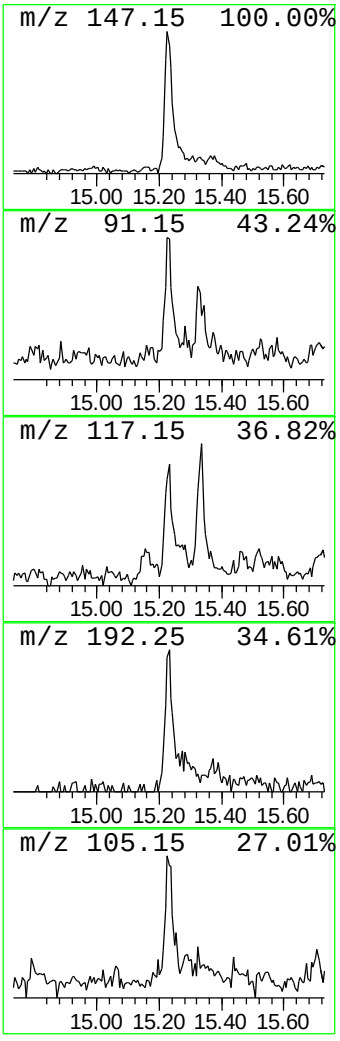
Peak Number 19 unknown15.23 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	6.15 ng	121268	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	43
2	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	43
3	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	43
4	p-tert-Butylbenzyl bromide	226	C11H15Br	018880-00-7	43
5	Thianaphthene-3-acetic acid	192	C10H8O2S	001131-09-5	43





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Instrument : BNA_G
ClientSampleId : EW-A07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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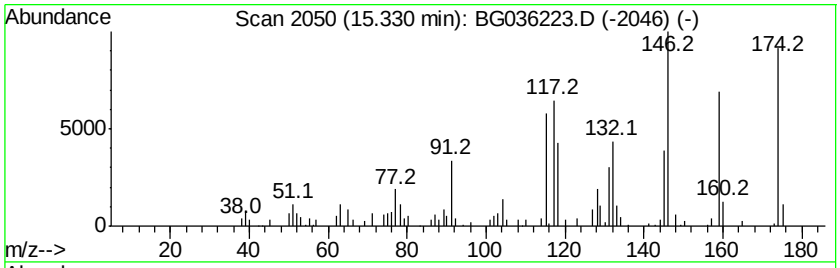
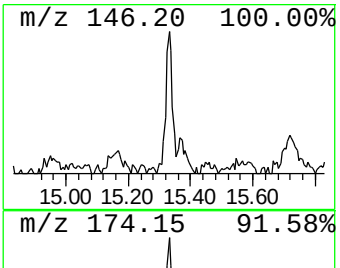
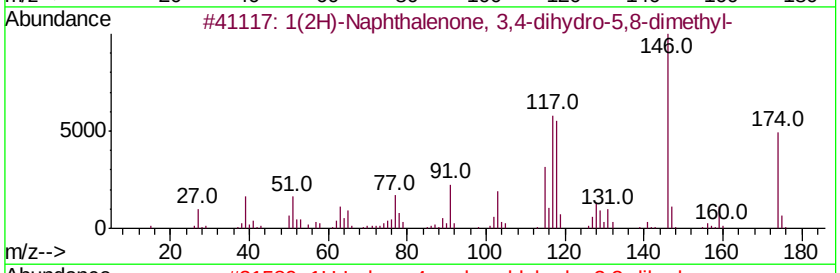
Peak Number 20 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 19

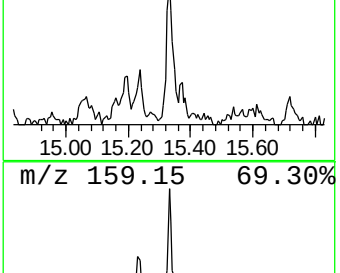
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	3.40 ng	67102	Acenaphthene-d10	14.63

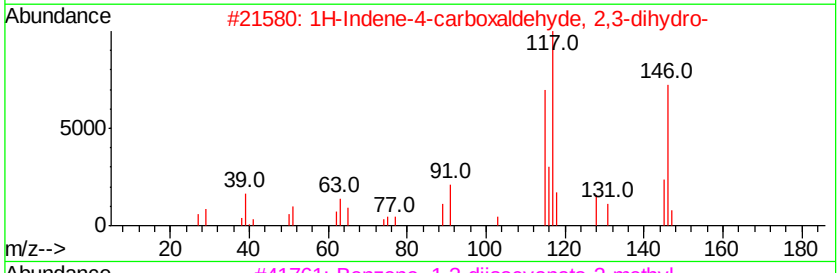
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	005037-63-8	52
2	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	50
3	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	49
4	4-Phenylcyclohexanone	174	C12H14O	004894-75-1	46
5	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	46

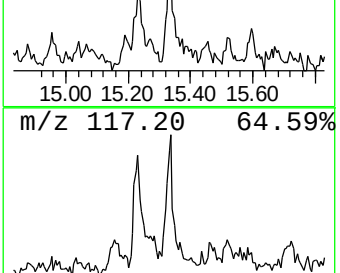


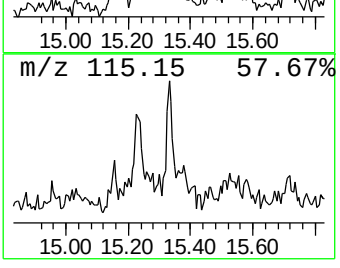


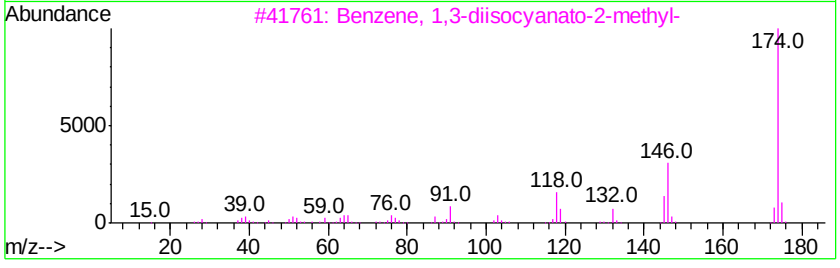












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
Data File : BG036223.D
Acq On : 9 Aug 2018 8:30
Operator : JU/SJ
Sample : J4304-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW-A07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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...	5.13	6.0	ng	55133	1	8.01	183295	20.0
unknown7.55	7.55	97.9	ng	896927	1	8.01	183295	20.0
Benzene, 1,4-diet...	8.50	10.1	ng	92954	1	8.01	183295	20.0
Benzene, 1,2-diet...	8.70	8.3	ng	76435	1	8.01	183295	20.0
p-Cymene	9.11	7.4	ng	68133	1	8.01	183295	20.0
Benzaldehyde, 4-(...	9.34	4.3	ng	39185	1	8.01	183295	20.0
Benzene, 1-ethyl-...	9.63	8.8	ng	136732	2	10.81	309949	20.0
Bicyclo[4.2.0]oct...	10.00	8.6	ng	133349	2	10.81	309949	20.0
Benzene, (3-methy...	10.92	5.8	ng	89956	2	10.81	309949	20.0
Benzene, pentamet...	11.02	4.3	ng	66346	2	10.81	309949	20.0
Naphthalene, 1,2,...	11.27	10.2	ng	158037	2	10.81	309949	20.0
Benzene, (2-methy...	11.38	8.2	ng	126591	2	10.81	309949	20.0
3,4-Dimethylcumene	12.12	3.4	ng	53306	2	10.81	309949	20.0
Naphthalene, 1,2,...	12.35	5.8	ng	89894	2	10.81	309949	20.0
Naphthalene, 1,2,...	12.71	5.7	ng	88466	2	10.81	309949	20.0
unknown13.15	13.15	5.8	ng	114502	3	14.63	394249	20.0
unknown15.23	15.23	6.2	ng	121268	3	14.63	394249	20.0
1(2H)-Naphthaleno...	15.33	3.4	ng	67102	3	14.63	394249	20.0