LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036225.D
Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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	5.126	307	313	322	rVB2	34734	59925	2.02%	0.414%
2	5.596	386	393	409	rBV	272109	499251	16.84%	3.447%
3	7.182	653	663	674	rBV	181317	373277	12.59%	2.577%
4	7.546	718	725	733	rBV	512153	898303	30.31%	6.202%
5	7.905	783	786	795	rVB3	21550	37309	1.26%	0.258%
6	8.010	795	804	809	rBV	98051	173769	5.86%	1.200%
7	8.327	849	858	865	rBV	466714	852495	28.76%	5.886%
8	8.498	880	887	893	rBV	35900	59164	2.00%	0.408%
9	8.698	916	921	929	rVB3	22596	40319	1.36%	0.278%
10	9.109	986	991	995	rBV2	55325	85980	2.90%	0.594%
11	9.168	995	1001	1013	rVB	347879	713288	24.06%	4.925%
12	9.350	1025	1032	1042	rVV10	18289	44726	1.51%	0.309%
13	9.455	1042	1050	1060	rVB2	21055	48283	1.63%	0.333%
14	9.632	1075	1080	1090	rVB3	27428	44633	1.51%	0.308%
15	10.002	1136	1143	1150	rBV7	20021	54677	1.84%	0.378%
16	10.207	1171	1178	1186	rBV2	54169	103021	3.48%	0.711%
17	10.806	1272	1280	1286	rBV	114065	237059	8.00%	1.637%
18	10.918	1294	1299	1306	rVB4	18851	43248	1.46%	0.299%
19	11.276	1351	1360	1367	rVB2	49996	95775	3.23%	0.661%
20	11.388	1372	1379	1385	rVV4	34892	66355	2.24%	0.458%
21	11.705	1429	1433	1440	rVB6	20389	40828	1.38%	0.282%
22	12.128	1500	1505	1512	rBV5	20486	35582	1.20%	0.246%
23	12.351	1535	1543	1549	rBV4	42034	77230	2.61%	0.533%
24	12.710	1600	1604	1608	rBV5	22748	38417	1.30%	0.265%
25	13.256	1690	1697	1704	rBV	1082222	1643364	55.44%	11.347%
26	13.573	1745	1751	1757	rVB7	22643	44986	1.52%	0.311%
27	13.967	1814	1818	1822	rVB4	28213	47218	1.59%	0.326%
28	14.084	1833	1838	1843	rVB	46407	67635	2.28%	0.467%
29	14.355	1880	1884	1891	rBV9	17506	36833	1.24%	0.254%
30	14.631	1916	1931	1937	rBV3	230932	471064	15.89%	3.252%
31	14.689	1937	1941	1950	rVB3	22290	44316	1.50%	0.306%
32	15.154	2015	2020	2024	rBV4	23390	38851	1.31%	0.268%
33	15.242	2028	2035	2042	rBV	350975	691263	23.32%	4.773%
34	15.330	2046	2050	2055	rVV	164260	265749	8.97%	1.835%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036225.D
Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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	15.377	2055	2058	2064	rVB2	35119	61663	2.08%	0.426%
36	15.582	2089	2093	2098	rVB7	17276	31155	1.05%	0.215%
37	16.123	2178	2185	2200	rBV2	982998	1706647	57.58%	11.784%
38	17.374	2392	2398	2406	rBV	304846	485942	16.39%	3.355%
39	19.342	2728	2733	2739	rBV	24722	46602	1.57%	0.322%
40	19.988	2836	2843	2851	rBV	2326703	2964055	100.00%	20.465%
41	21.639	3118	3124	3133	rBV	325625	571442	19.28%	3.946%
42	24.823	3656	3666	3680	rBV2	172035	541611	18.27%	3.740%

Sum of corrected areas: 14483310

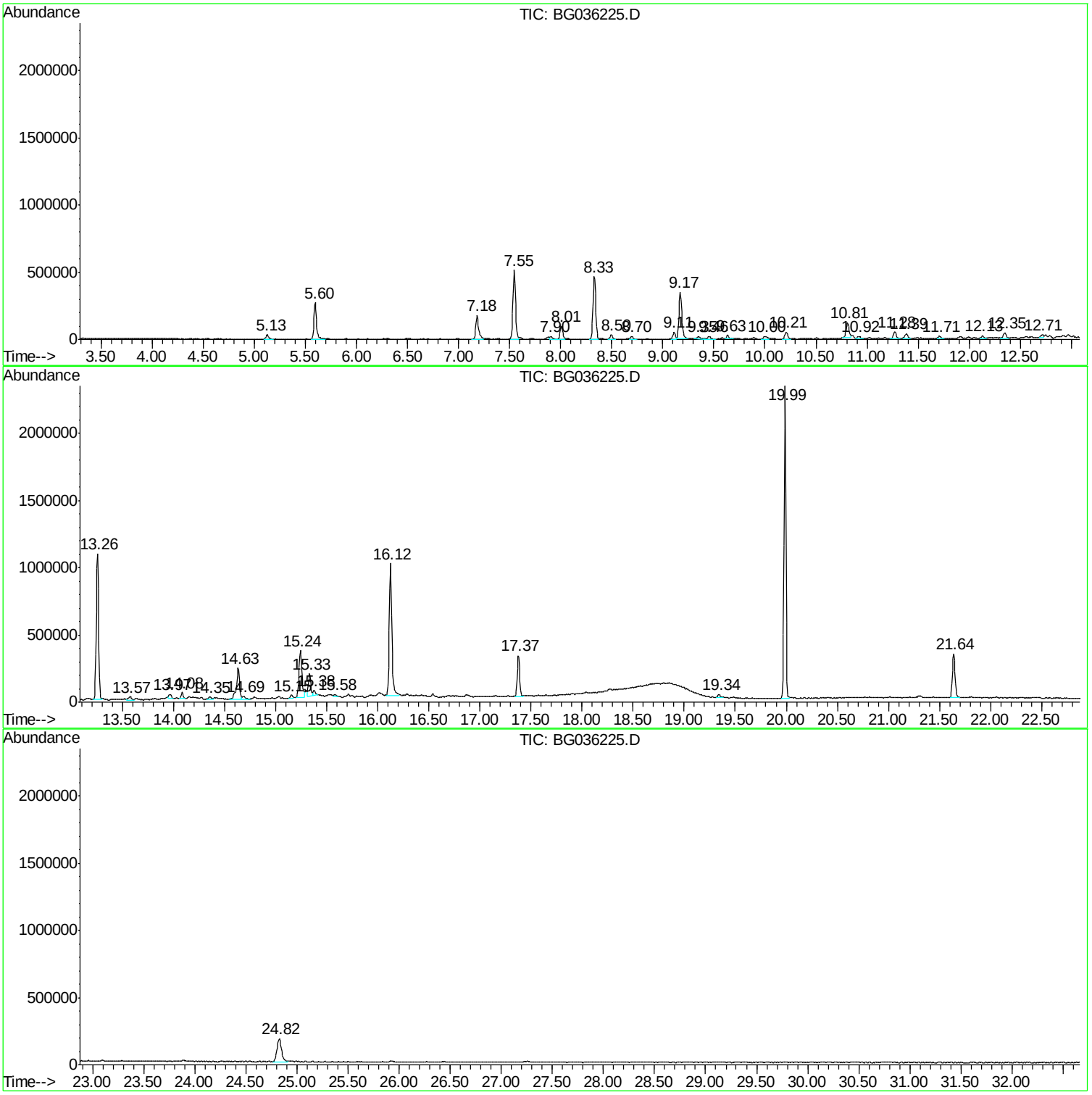
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036225.D
Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036225.D
Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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

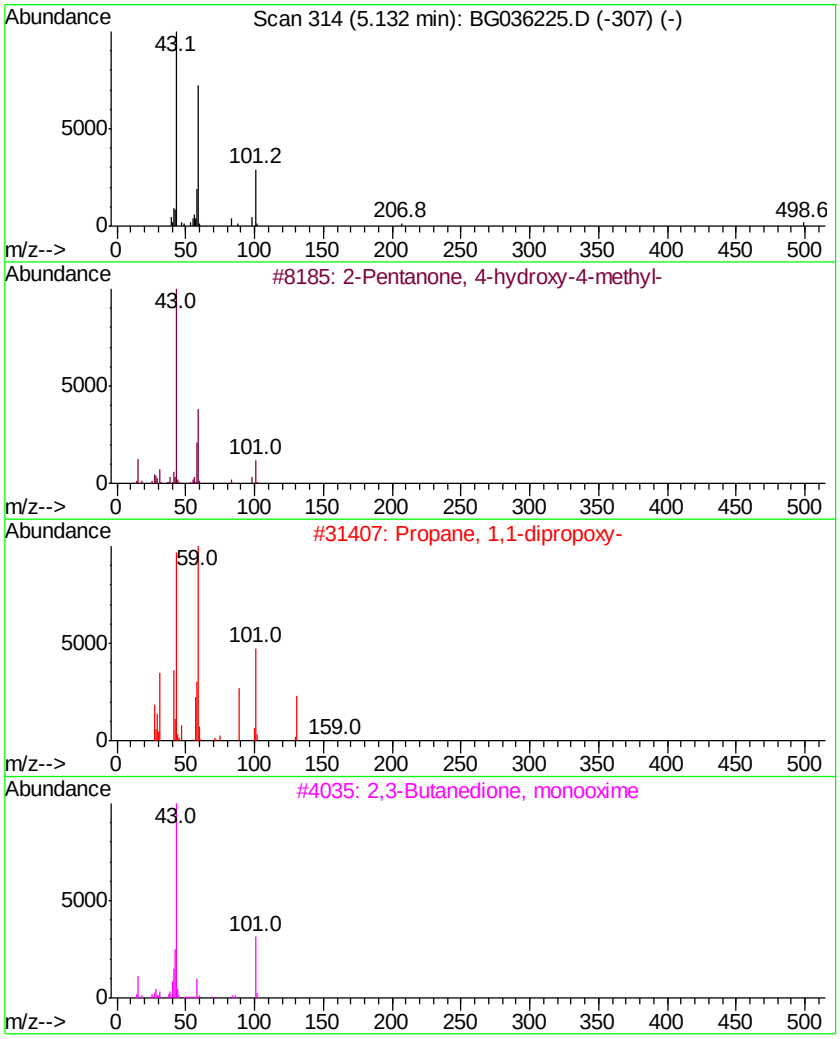
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

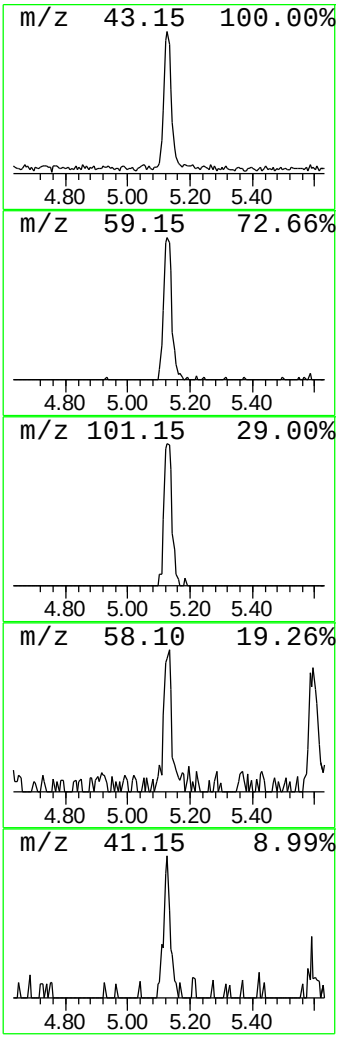
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	6.90 ng	59925	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	38
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	36
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	28
5	3-Nonanol	144	C9H20O	000624-51-1	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036225.D
Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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

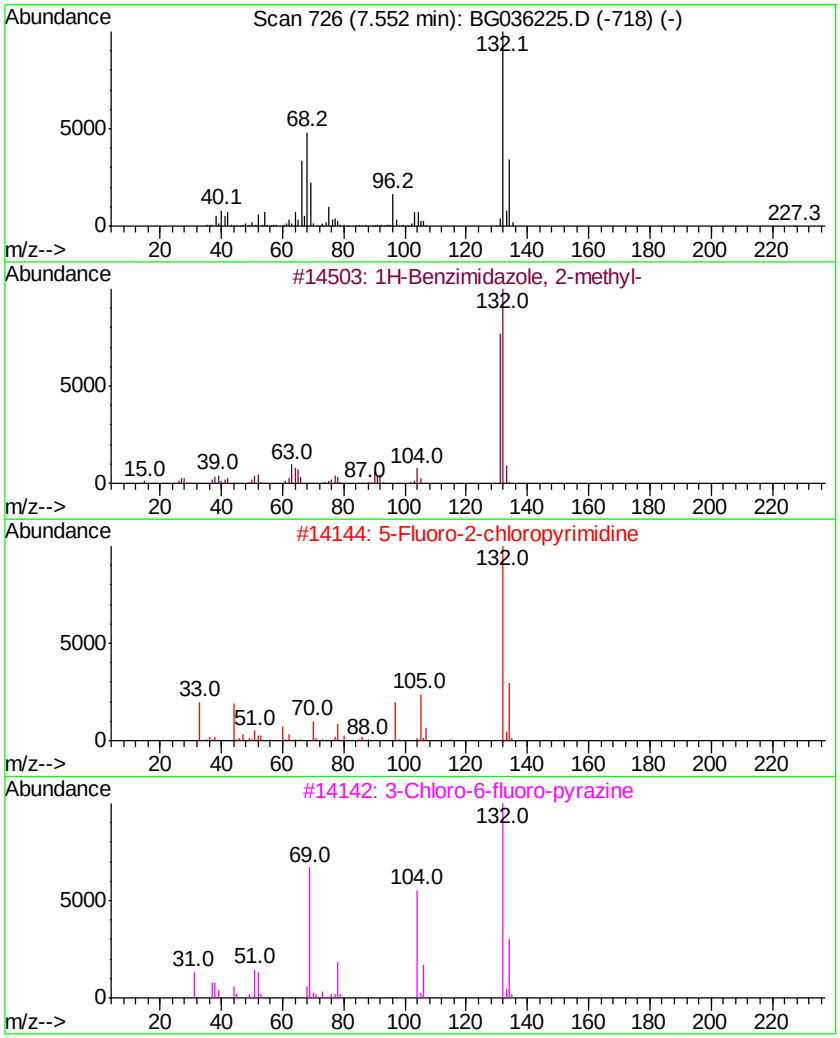
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

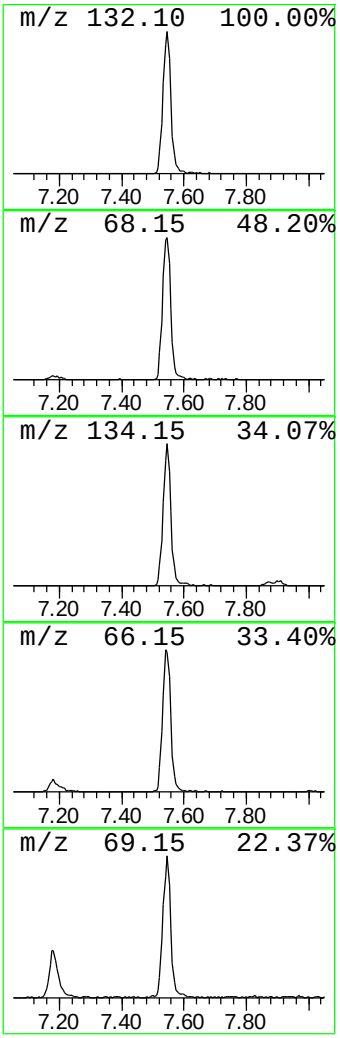
****

Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	103.39 ng	898303	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036225.D
Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

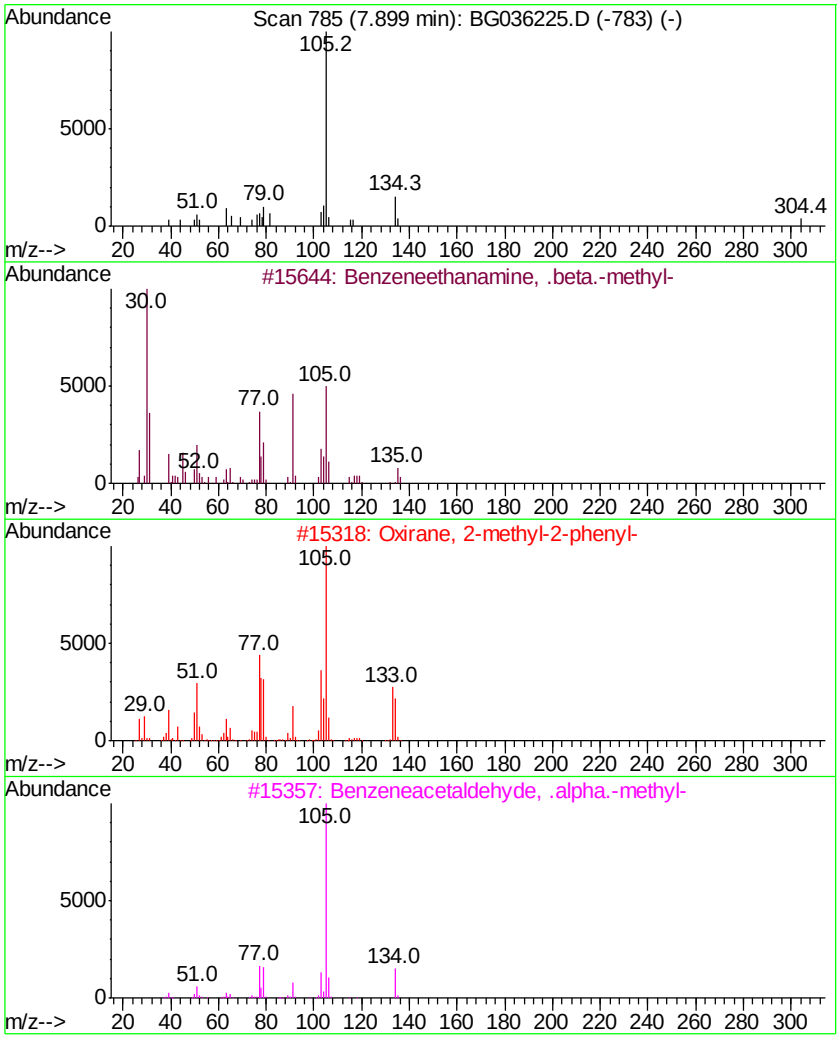
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

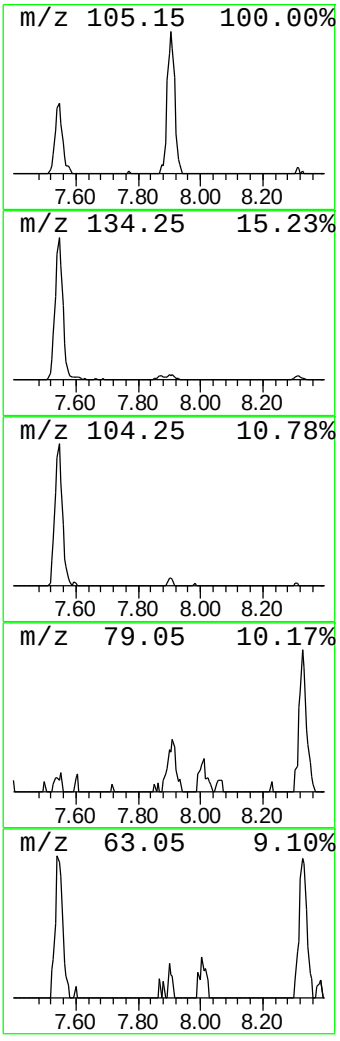
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzeneethanamine, .beta.-m... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	4.29 ng	37309	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, .beta.-methyl-	135	C9H13N	000582-22-9	72
2	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	64
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	50
4	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	45
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036225.D
Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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

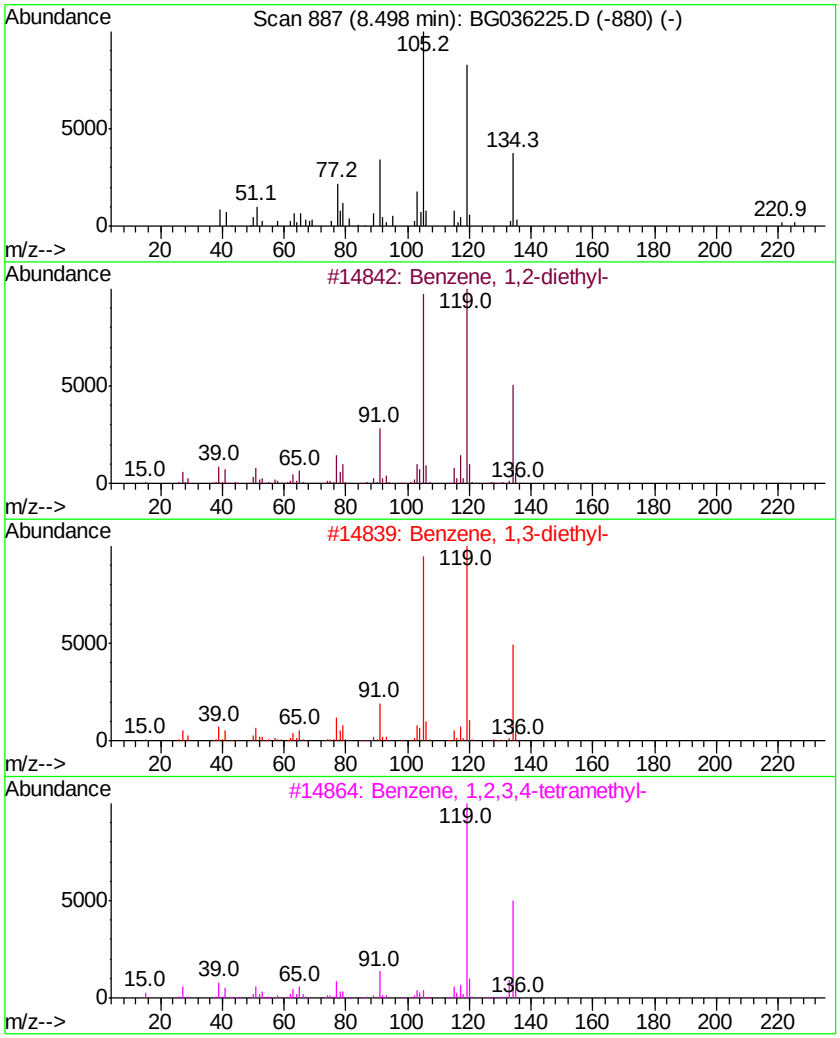
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

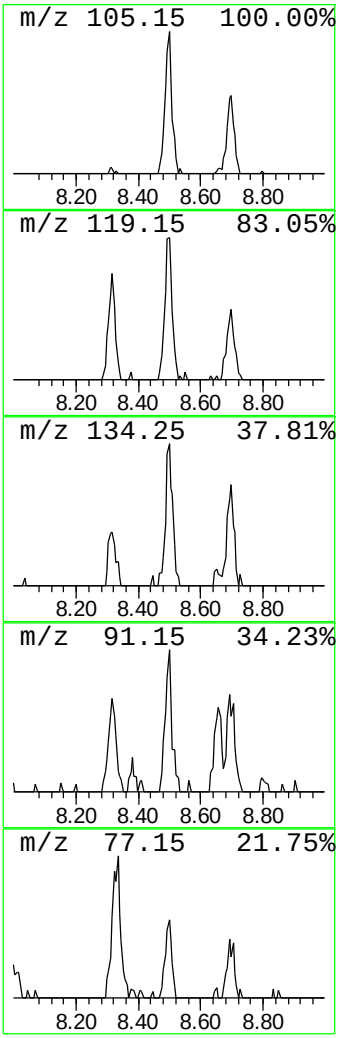
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	6.81 ng	59164	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	90
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	68
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036225.D
Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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

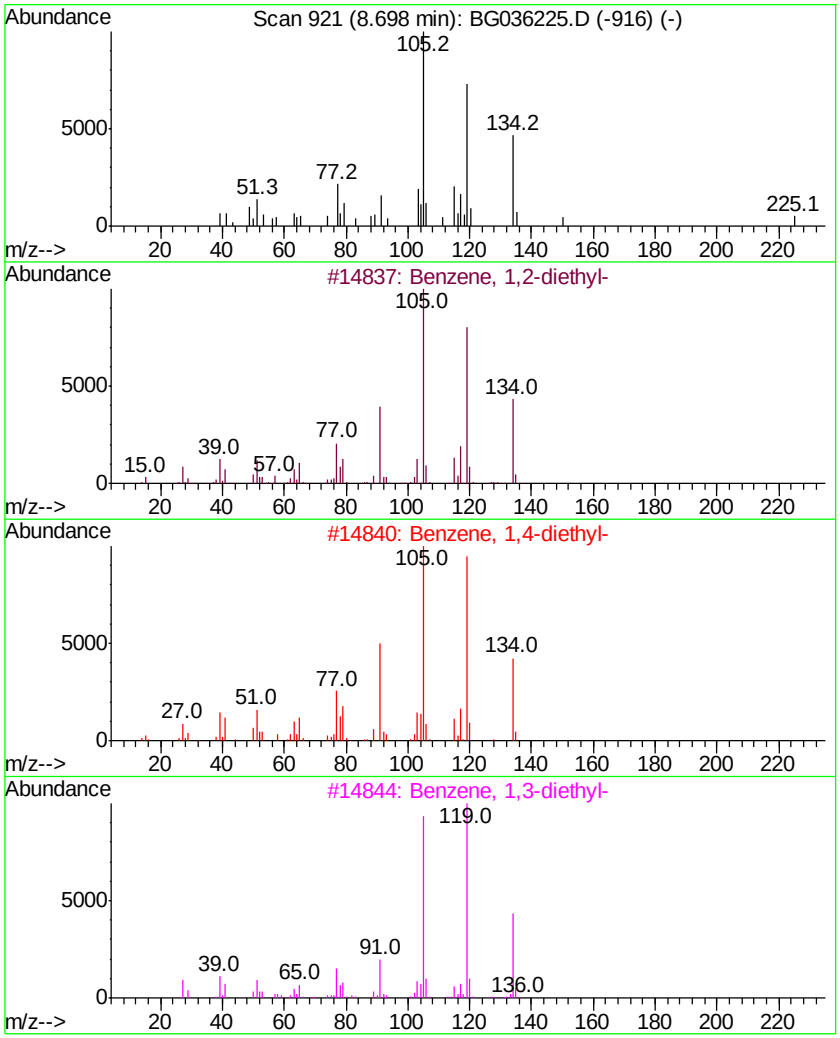
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

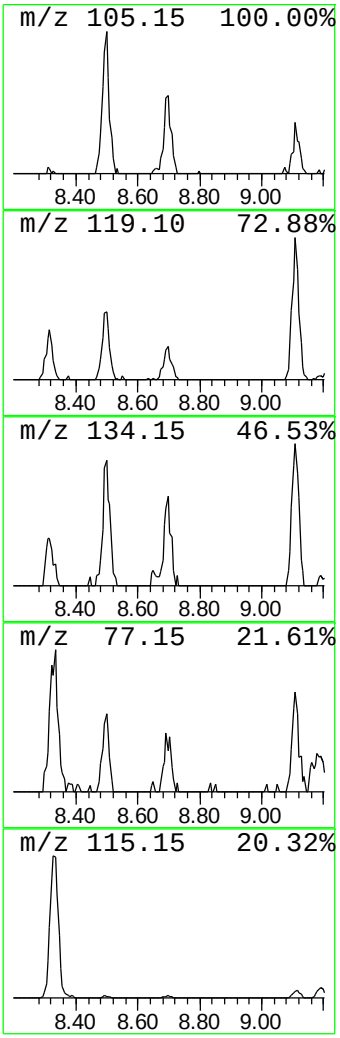
****

Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	4.64 ng	40319	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	89
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	68
4	6,7-Dimethyl-3,5,8,8a-tetrahydro...	164	C11H16O	110028-10-9	50
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036225.D
Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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

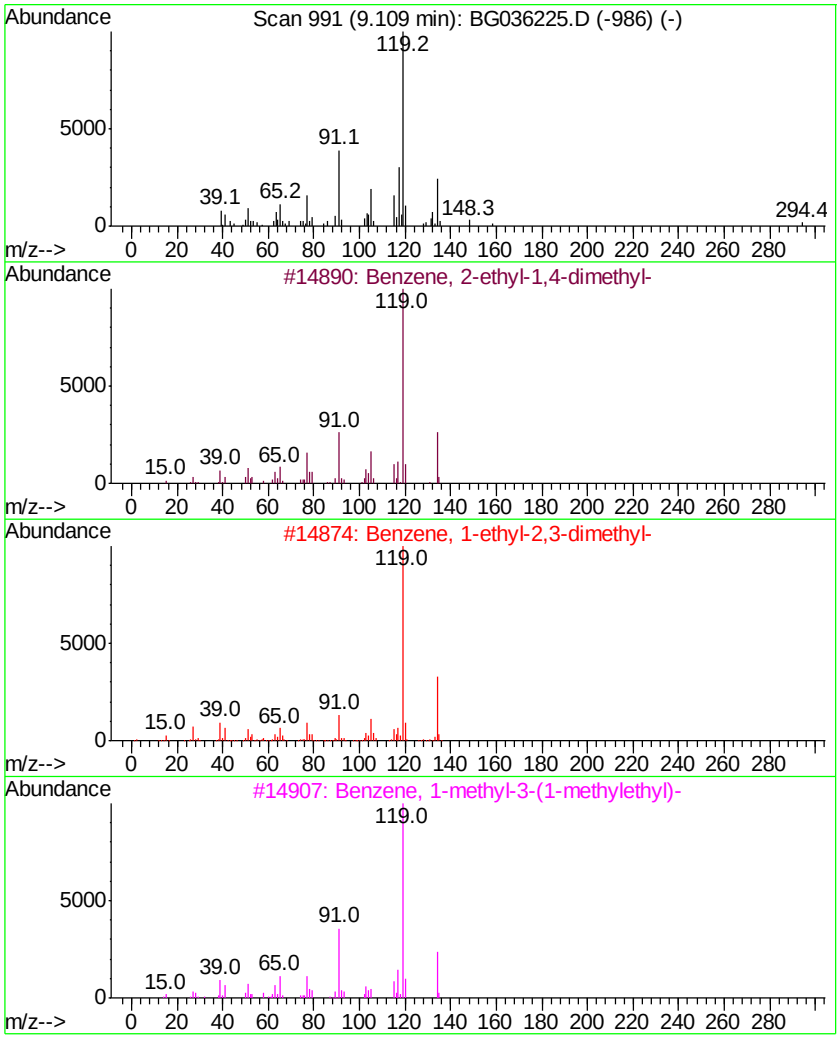
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

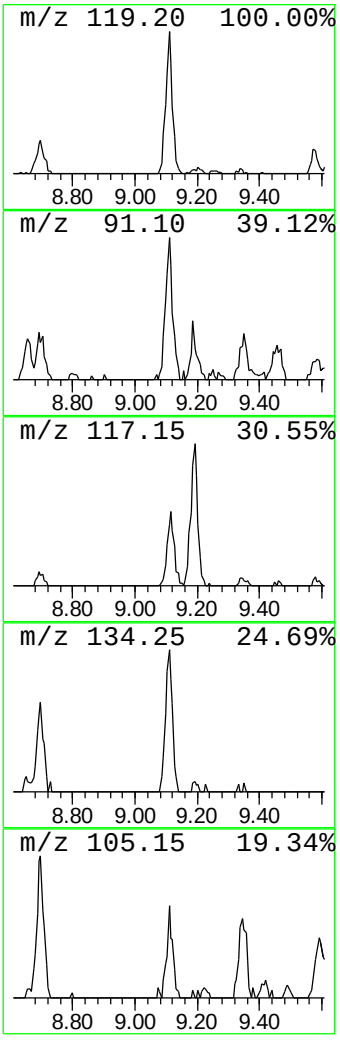
****

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	9.90 ng	85980	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036225.D
Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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

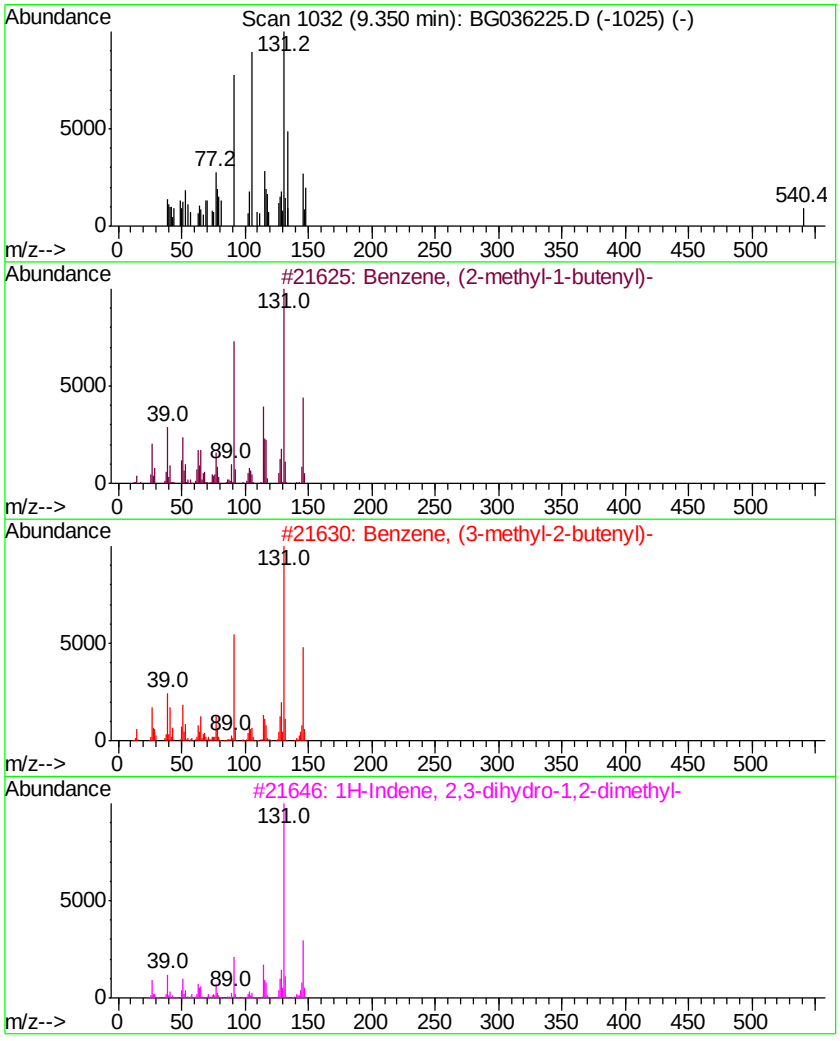
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

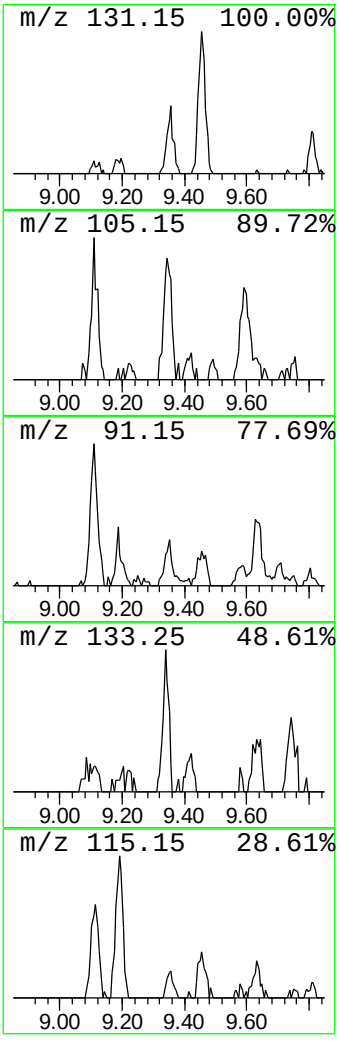
****

Peak Number 8 Benzene, (3-methyl-2-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	5.15 ng	44726	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	53
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	53
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036225.D
Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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

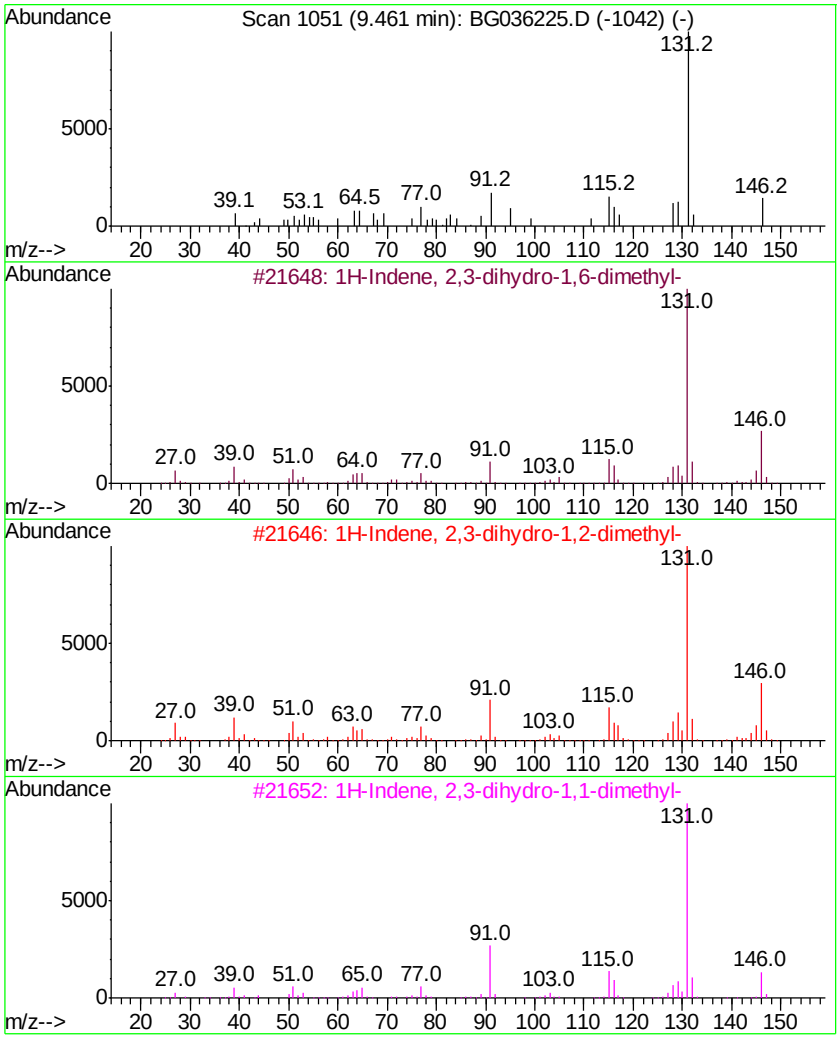
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

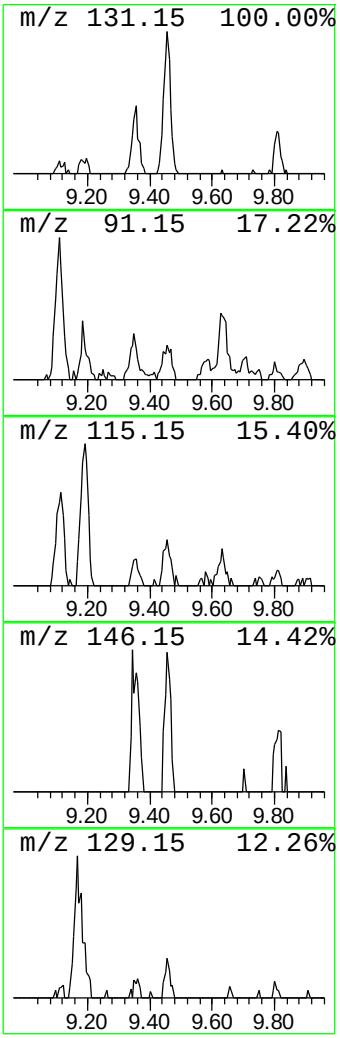
****

Peak Number 9 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	4.07 ng	48283	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	80
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	80
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	72
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	72





Library Search Compound Report

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Data File : BG036225.D
Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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

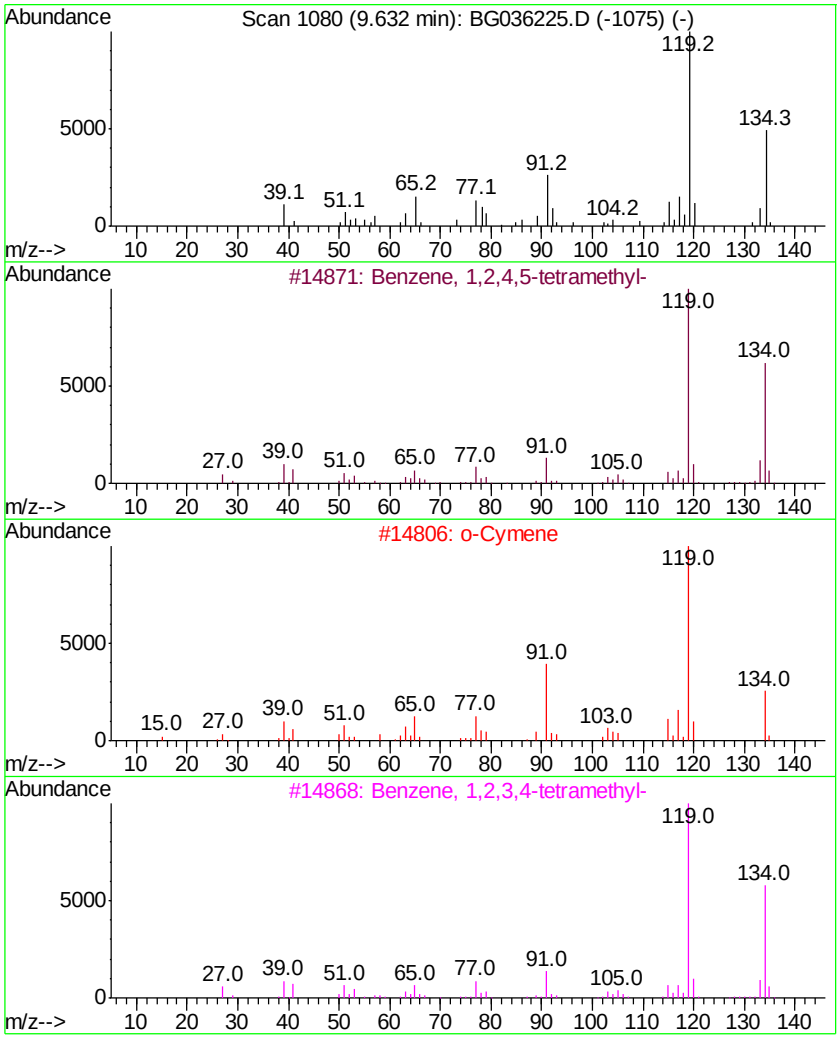
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

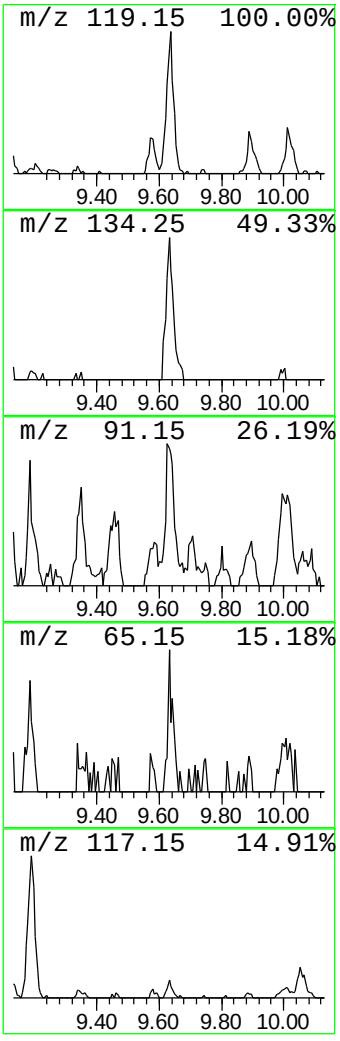
****

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	3.77 ng	44633	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2	o-Cymene	134	C10H14	000527-84-4	87
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	86
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
5	p-Cymene	134	C10H14	000099-87-6	83





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Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

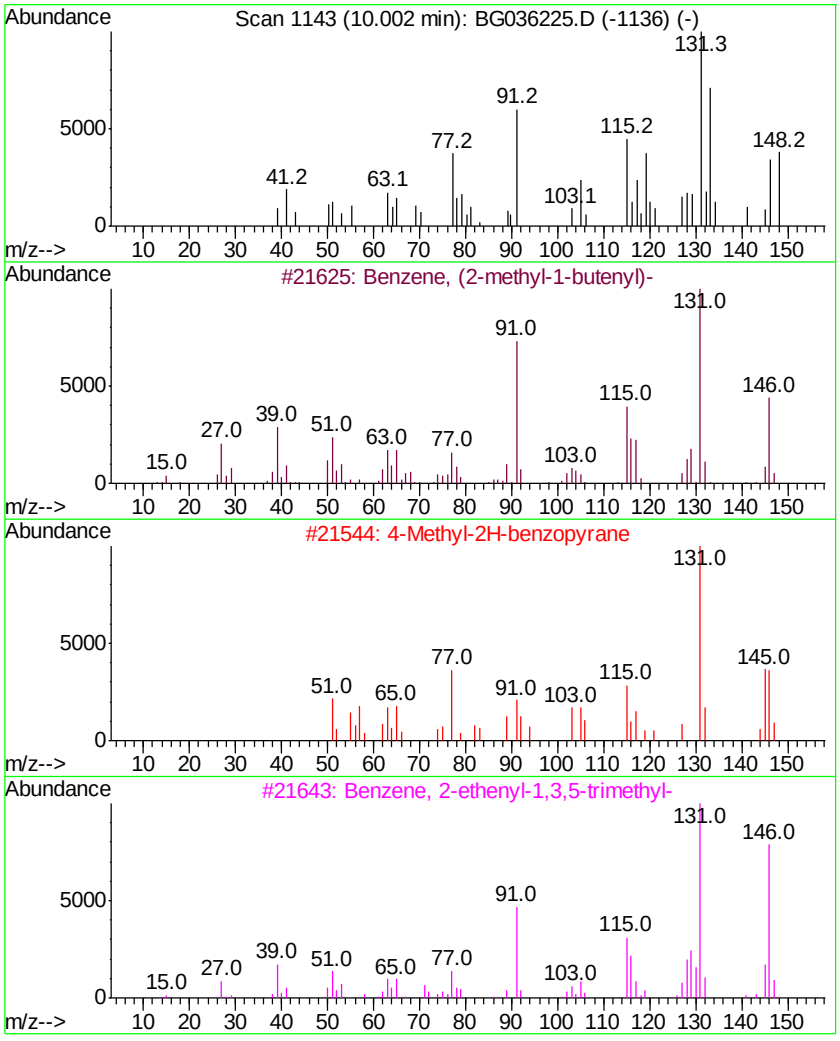
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

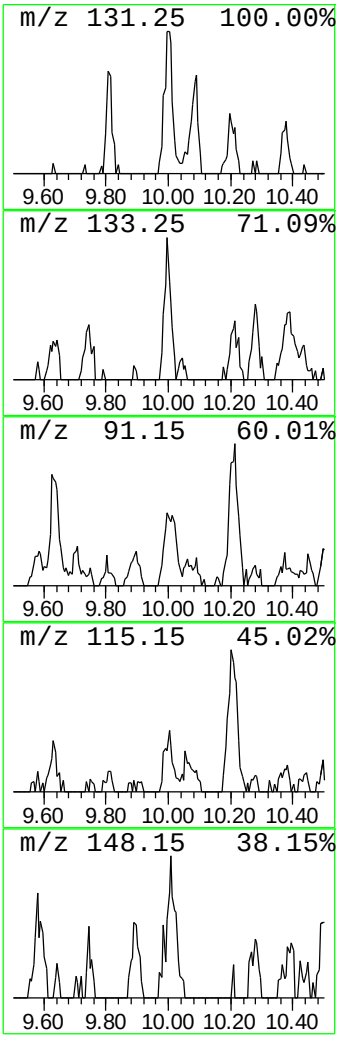
****

Peak Number 11 unknown10.00 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	4.61 ng	54677	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	49
2	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	49
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	43
4	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	43
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	38





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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

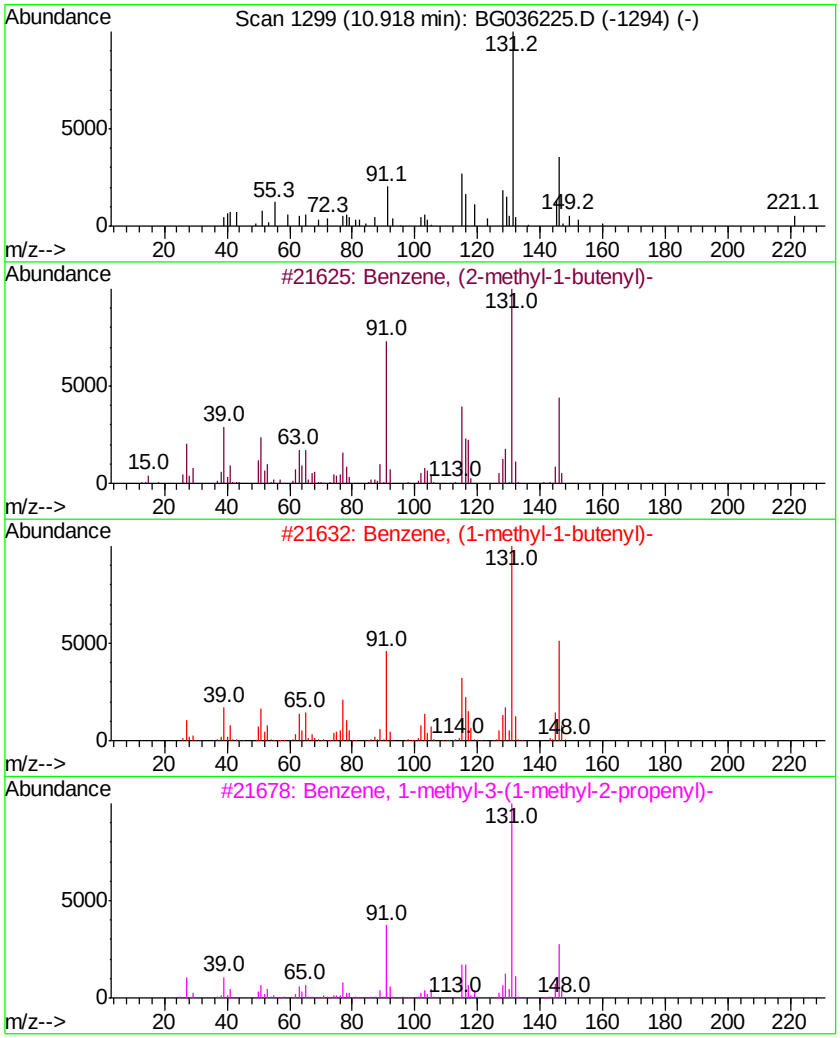
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

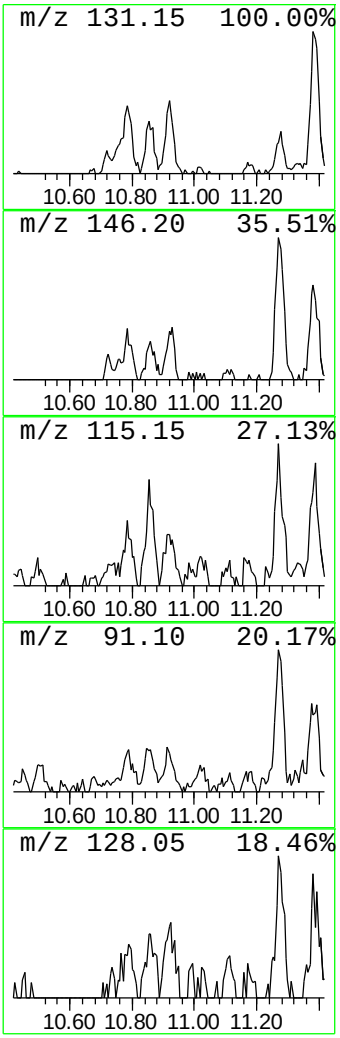
****

Peak Number 13 Benzene, (2-methyl-1-butenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	3.65 ng	43248	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	80
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	80
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	72
4	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	72
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64





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Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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

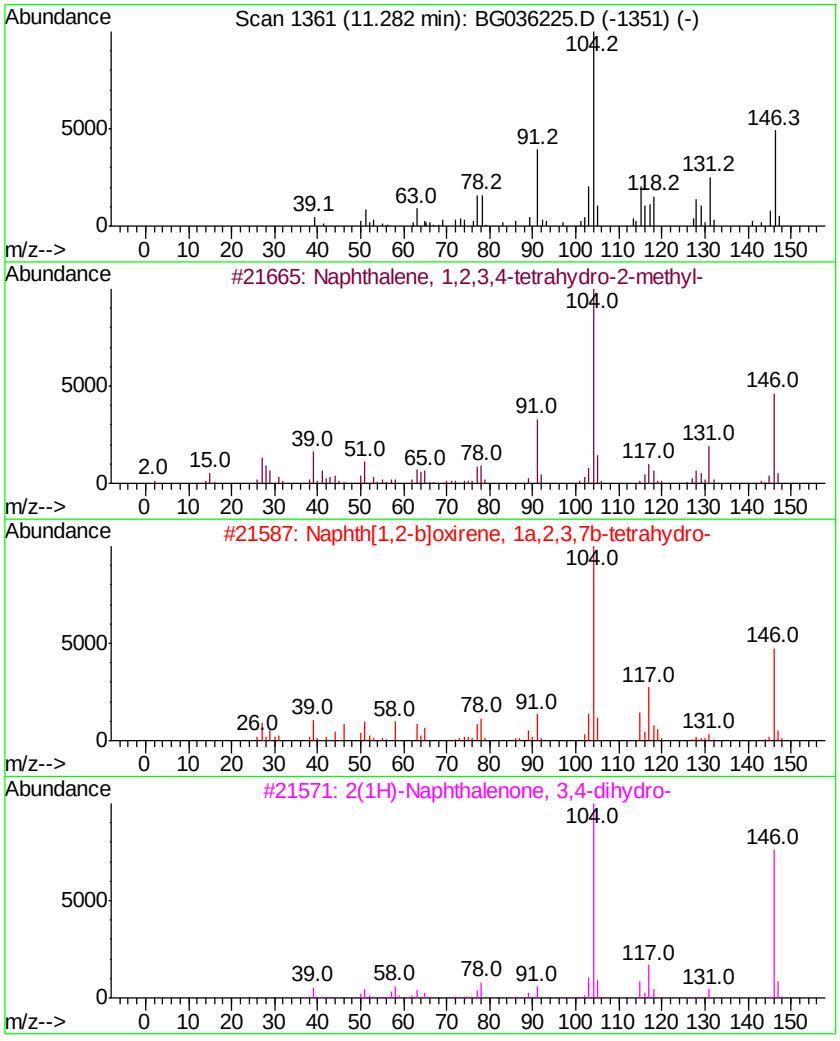
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

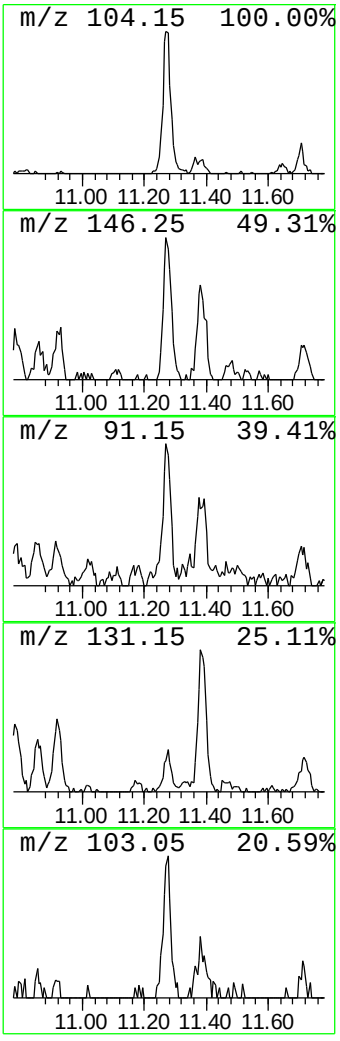
****

Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	8.08 ng	95775	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	83
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	53
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	50
5	Phensuximide	189	C11H11NO2	000086-34-0	38





Library Search Compound Report

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Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

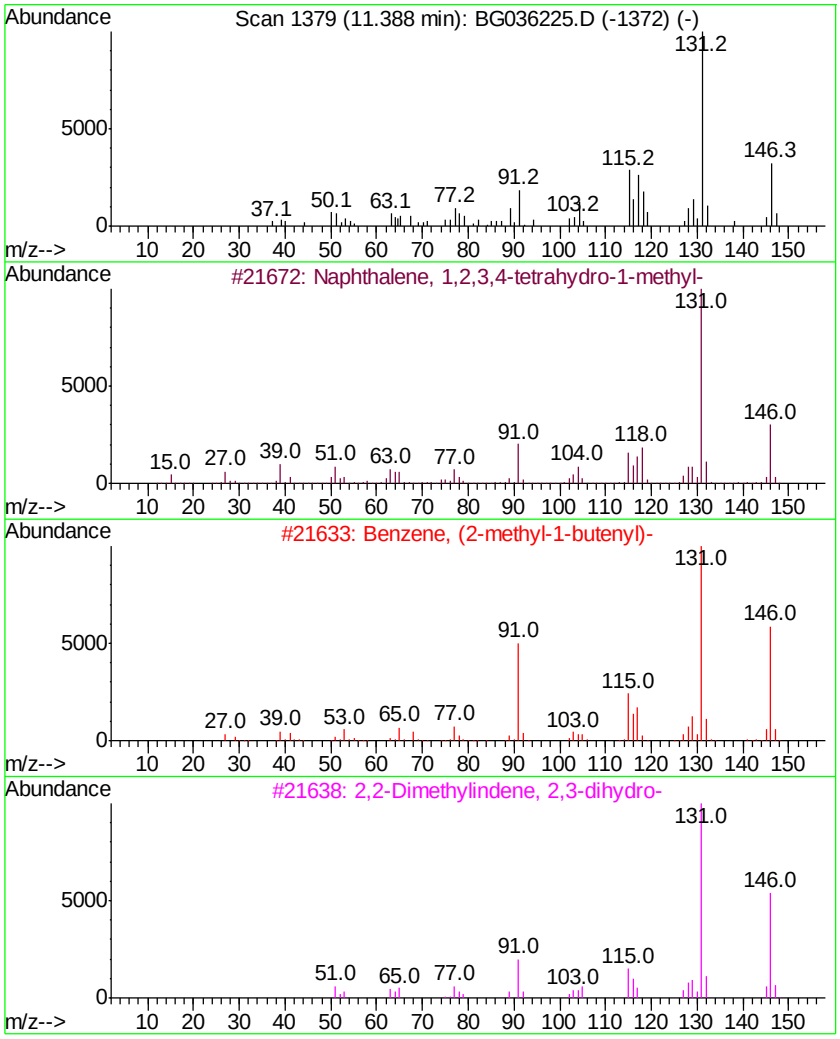
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

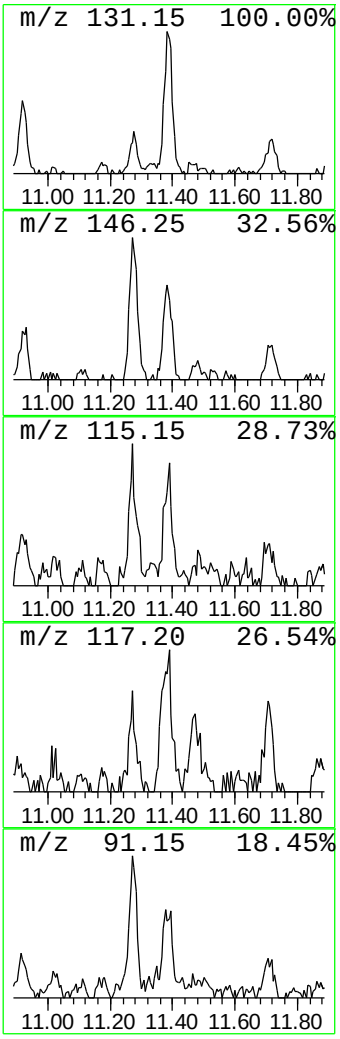
****

Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	5.60 ng	66355	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	76





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Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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

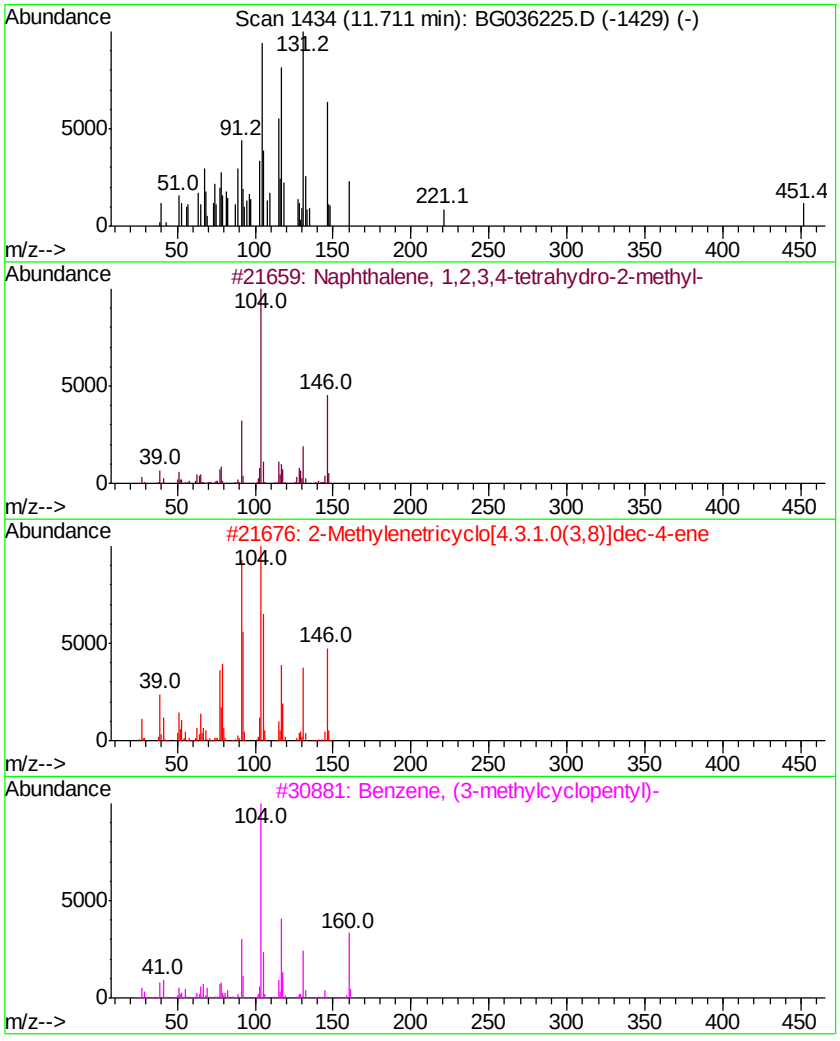
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

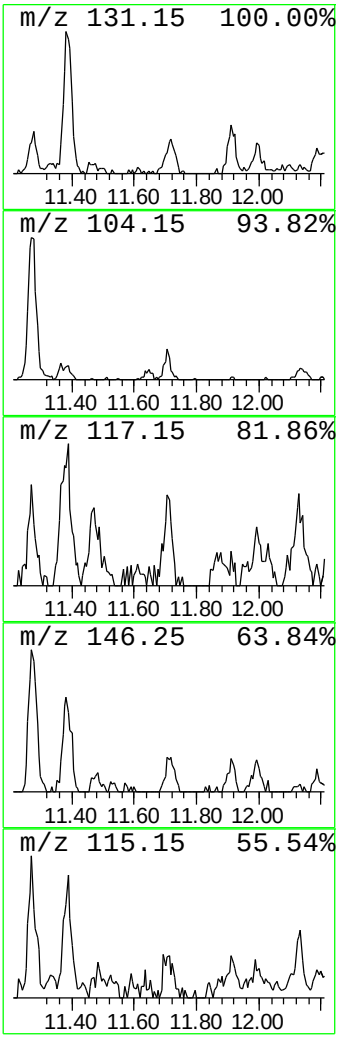
****

Peak Number 16 2-Methylenetricyclo[4.3.1.0... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	3.44 ng	40828	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	52
2	2-Methylenetricyclo[4.3.1.0(3,8)...	146	C11H14	033566-64-2	52
3	Benzene, (3-methylcyclopentyl)-	160	C12H16	005078-75-1	49
4	Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	46
5	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	41





Library Search Compound Report

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Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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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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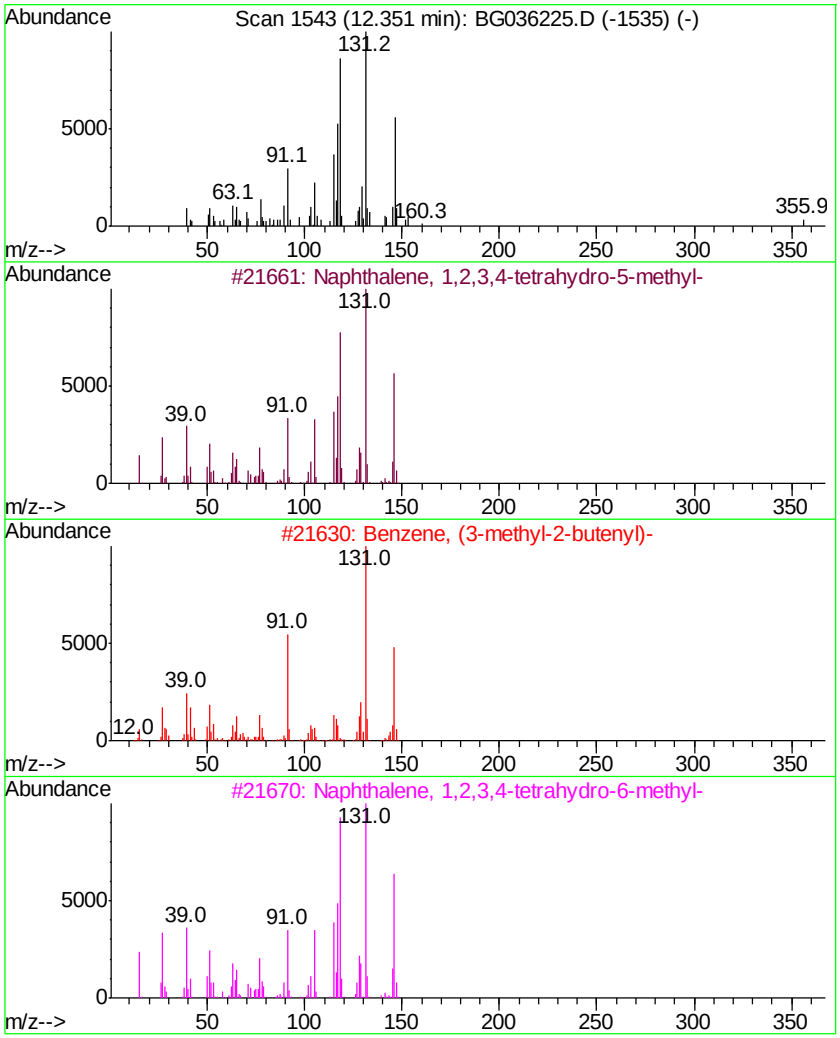
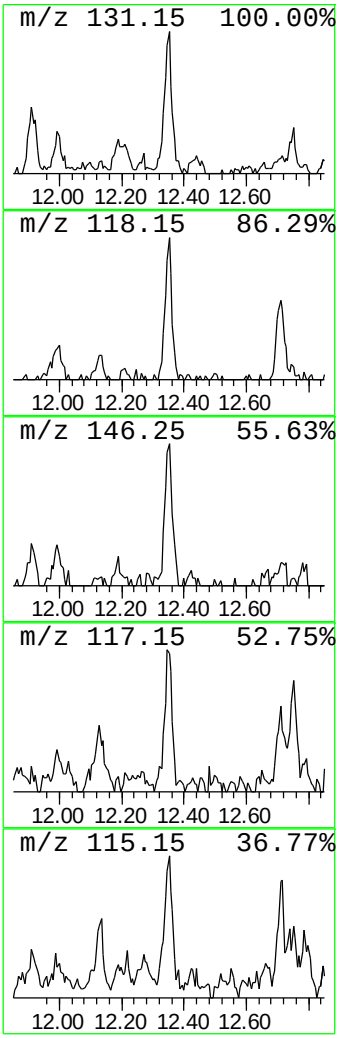
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	6.52 ng	77230	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	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	83
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	68
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55





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Sample : J4304-04
Misc :
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Instrument : BNA_G
ClientSampleId : MW-A16

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

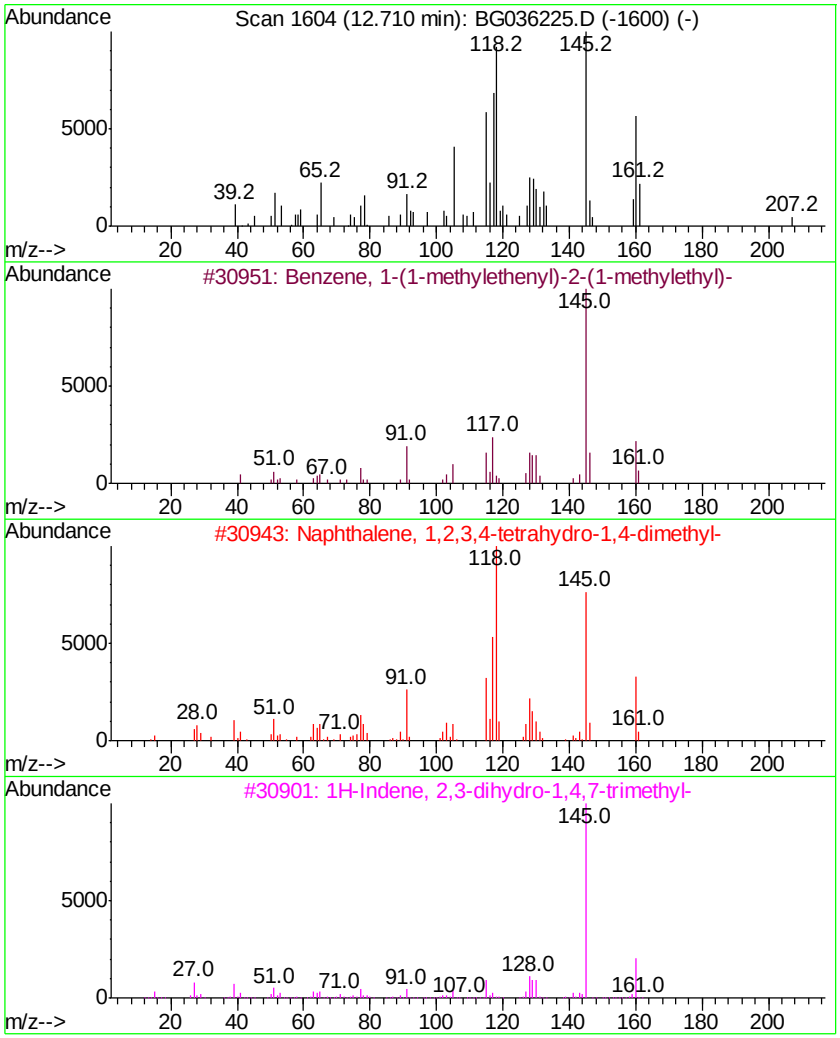
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

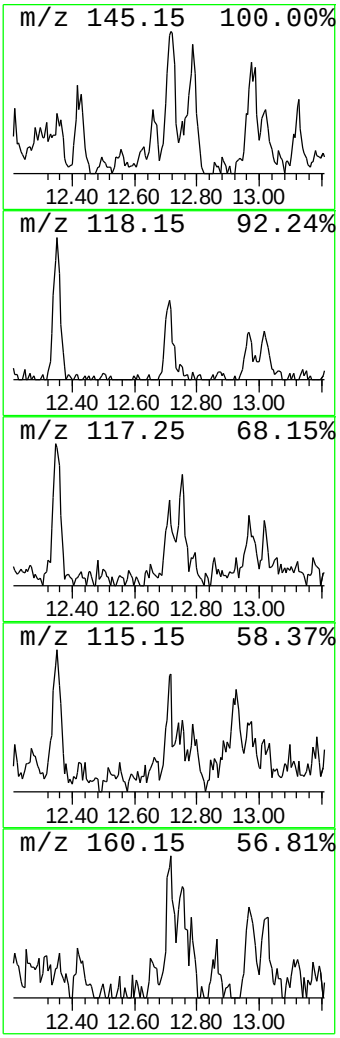
****

Peak Number 18 Benzene, 1-(1-methylethenyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.24 ng	38417	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	72
3	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	60
4	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	60
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60





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Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

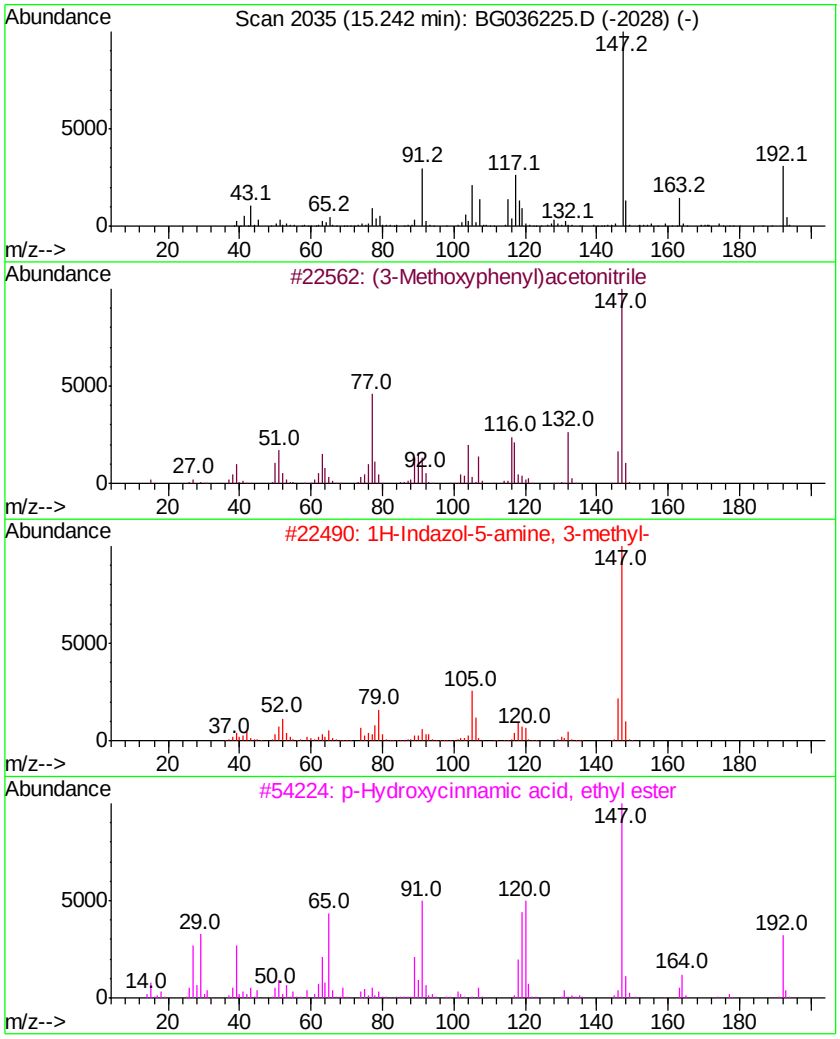
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

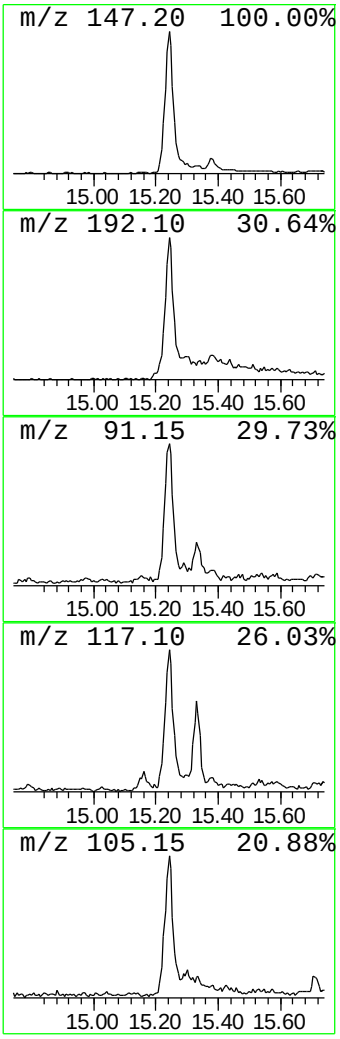
****

Peak Number 19 (3-Methoxyphenyl)acetonitrile Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	29.35 ng	691263	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	50
2	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	50
3	p-Hydroxycinnamic acid, ethyl ester	192	C11H12O3	002979-06-8	40
4	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	38
5	Furo[2,3-c]pyridine, 2,7-dimethyl-	147	C9H9NO	069022-77-1	38





Library Search Compound Report

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Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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

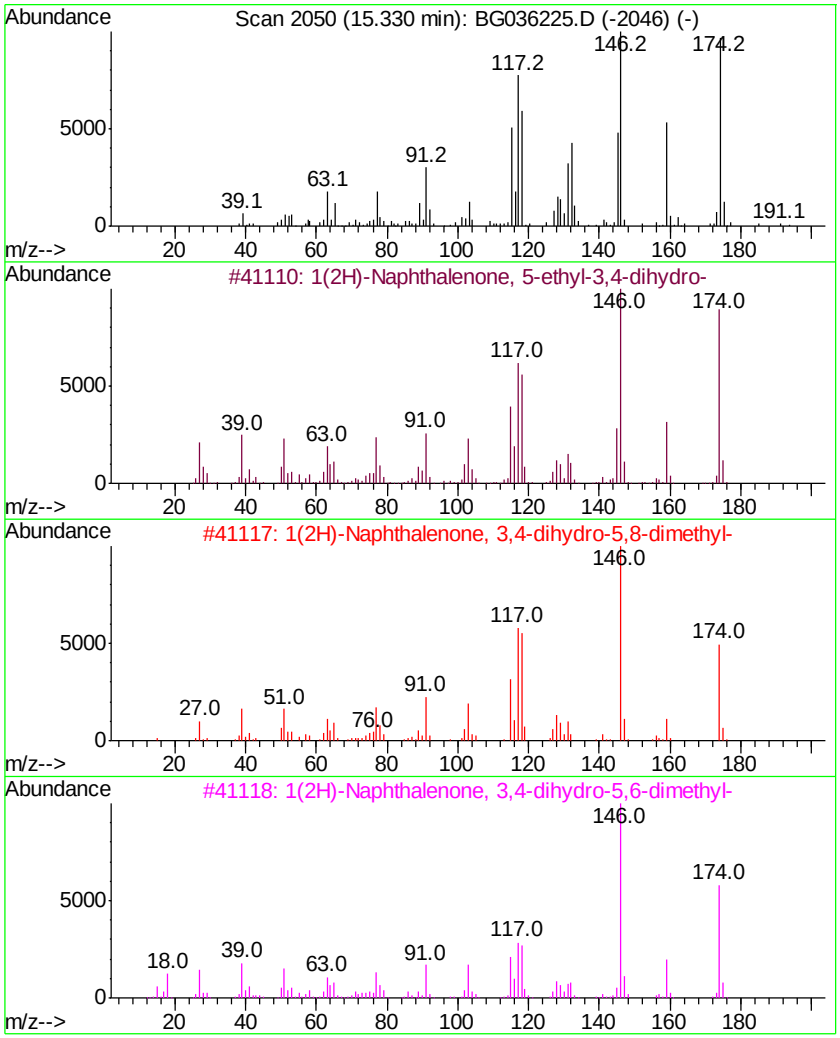
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

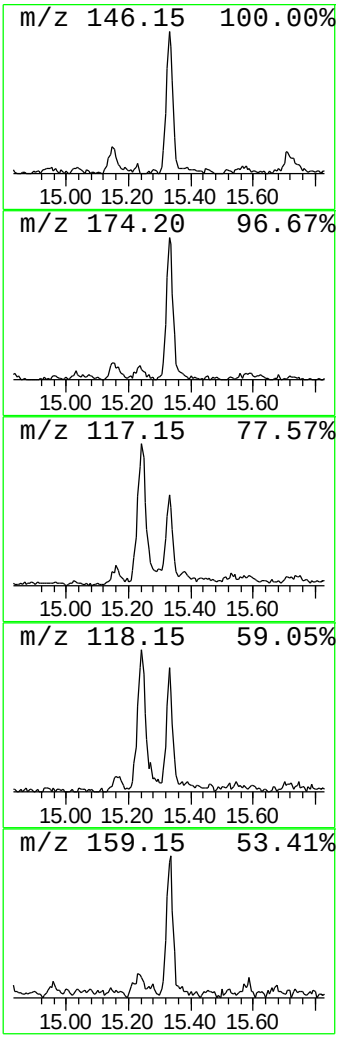
****

Peak Number 20 1(2H)-Naphthalenone, 5-ethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	11.28 ng	265749	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 5-ethyl-3,4...	174	C12H14O	051015-31-7	90
2	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	005037-63-8	70
3	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	032281-65-5	62
4	7-Ethyl-3,4-dihydro-1(2H)-naphth...	174	C12H14O	022531-06-2	60
5	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	013621-25-5	55





Tentatively Identified Compound (LSC) summary

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Data File : BG036225.D
Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

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			
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2-Pentanone, 4-hy...	5.13	6.9	ng	59925	1	8.01	173769	20.0
unknown7.56	7.55	103.4	ng	898303	1	8.01	173769	20.0
Benzeneethanamine...	7.90	4.3	ng	37309	1	8.01	173769	20.0
Benzene, 1,2-diet...	8.50	6.8	ng	59164	1	8.01	173769	20.0
Benzene, 1,4-diet...	8.70	4.6	ng	40319	1	8.01	173769	20.0
Benzene, 2-ethyl-...	9.11	9.9	ng	85980	1	8.01	173769	20.0
Benzene, (3-methy...	9.35	5.2	ng	44726	1	8.01	173769	20.0
1H-Indene, 2,3-di...	9.46	4.1	ng	48283	2	10.81	237059	20.0
Benzene, 1,2,4,5-...	9.63	3.8	ng	44633	2	10.81	237059	20.0
unknown10.00	10.00	4.6	ng	54677	2	10.81	237059	20.0
Benzene, (2-methy...	10.92	3.6	ng	43248	2	10.81	237059	20.0
Naphthalene, 1,2,...	11.28	8.1	ng	95775	2	10.81	237059	20.0
Naphthalene, 1,2,...	11.39	5.6	ng	66355	2	10.81	237059	20.0
2-Methylenetricyc...	11.71	3.4	ng	40828	2	10.81	237059	20.0
Naphthalene, 1,2,...	12.35	6.5	ng	77230	2	10.81	237059	20.0
Benzene, 1-(1-met...	12.71	3.2	ng	38417	2	10.81	237059	20.0
(3-Methoxyphenyl)...	15.24	29.4	ng	691263	3	14.63	471064	20.0
1(2H)-Naphthaleno...	15.33	11.3	ng	265749	3	14.63	471064	20.0