LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038720.D
Acq On : 19 Dec 2018 9:09
Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

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-BG121218.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	3.179	11	15	22	rVB	24113	39198	1.49%	0.324%
2	3.732	104	109	116	rVB2	18814	31058	1.18%	0.257%
3	5.136	341	348	356	rVB3	12368	27270	1.03%	0.225%
4	5.606	418	428	436	rBV	240305	399469	15.15%	3.303%
5	7.204	691	700	710	rBV	152687	295917	11.22%	2.447%
6	7.586	755	765	772	rBV	414903	753308	28.58%	6.228%
7	8.056	838	845	851	rBV	88903	150341	5.70%	1.243%
8	8.156	857	862	872	rVB	58938	103427	3.92%	0.855%
9	8.379	886	900	905	rBV	396653	726612	27.56%	6.007%
10	8.426	905	908	914	rVB	51884	81828	3.10%	0.677%
11	8.532	920	926	932	rVB2	22730	37059	1.41%	0.306%
12	9.149	1026	1031	1038	rVB3	46066	89983	3.41%	0.744%
13	9.237	1038	1046	1054	rBV	371043	693881	26.32%	5.737%
14	9.672	1116	1120	1128	rVB	26334	45694	1.73%	0.378%
15	10.107	1189	1194	1204	rVB3	23413	46225	1.75%	0.382%
16	10.253	1212	1219	1227	rBV2	130959	238361	9.04%	1.971%
17	10.876	1319	1325	1336	rVB	112813	244035	9.26%	2.018%
18	10.970	1336	1341	1347	rVB3	23415	42608	1.62%	0.352%
19	11.329	1396	1402	1409	rVB2	19390	36855	1.40%	0.305%
20	11.481	1424	1428	1433	rVB2	16973	31948	1.21%	0.264%
21	12.051	1519	1525	1536	rVV6	34365	71457	2.71%	0.591%
22	12.251	1552	1559	1568	rBV4	10141	28381	1.08%	0.235%
23	12.404	1578	1585	1592	rVB3	36850	67799	2.57%	0.561%
24	12.745	1635	1643	1650	rBV	55894	107304	4.07%	0.887%
25	13.315	1732	1740	1746	rBV	945402	1479051	56.10%	12.229%
26	13.861	1825	1833	1834	rBV4	13571	28143	1.07%	0.233%
27	14.008	1853	1858	1863	rBV2	20682	37356	1.42%	0.309%
28	14.695	1965	1975	1982	rBV2	195251	338926	12.86%	2.802%
29	14.866	1997	2004	2010	rBV5	12402	29964	1.14%	0.248%
30	16.182	2220	2228	2241	rBV4	841679	1361994	51.66%	11.261%
31	17.439	2436	2442	2452	rBV	301025	447625	16.98%	3.701%
32	18.297	2583	2588	2596	rBV2	38821	63420	2.41%	0.524%
33	20.042	2879	2885	2891	rBV	1967631	2636234	100.00%	21.796%
34	21.317	3096	3102	3113	rBV3	26466	53607	2.03%	0.443%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038720.D
Acq On : 19 Dec 2018 9:09
Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

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-BG121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.716	3163	3170	3180	rBV2	311491	525298	19.93%	4.343%
36	23.168	3411	3417	3422	rBV3	16360	35605	1.35%	0.294%
37	23.979	3549	3555	3562	rBV3	18872	40195	1.52%	0.332%
38	24.936	3708	3718	3722	rBV3	18906	50612	1.92%	0.418%
39	25.013	3722	3731	3743	rVB2	163963	491462	18.64%	4.063%
40	26.088	3904	3914	3922	rBV3	15641	46358	1.76%	0.383%
41	27.457	4138	4147	4157	rVB7	11458	39243	1.49%	0.324%

Sum of corrected areas: 12095111

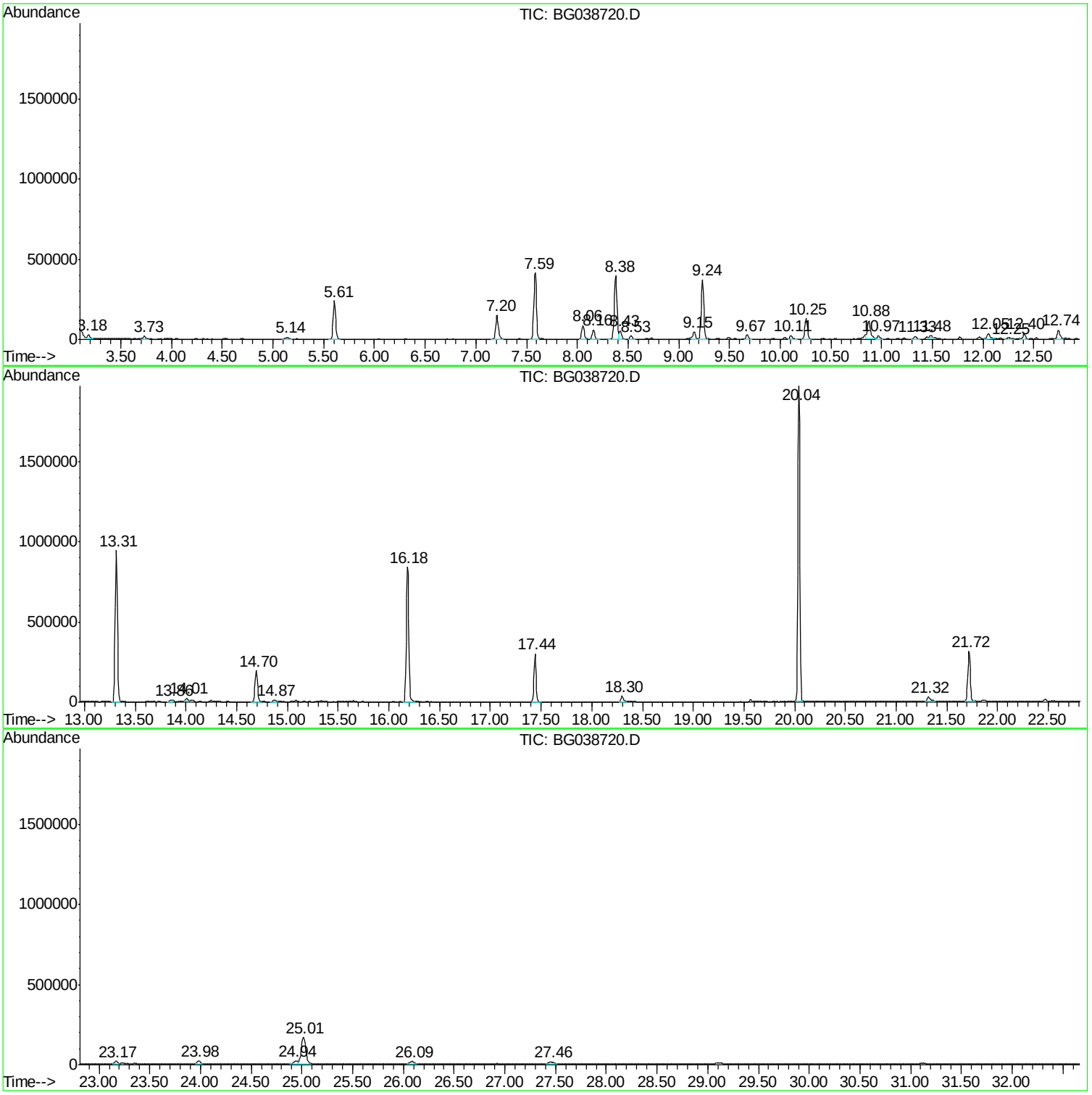
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038720.D
Acq On : 19 Dec 2018 9:09
Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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\BG121818\
Data File : BG038720.D
Acq On : 19 Dec 2018 9:09
Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

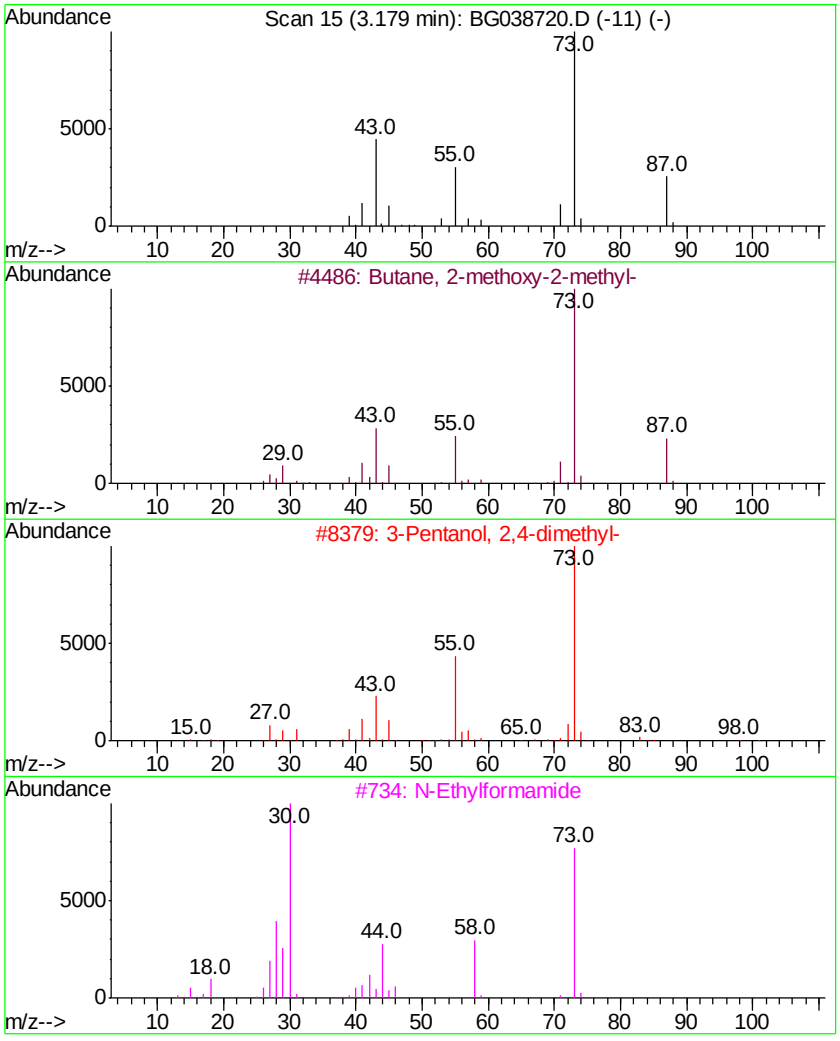
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

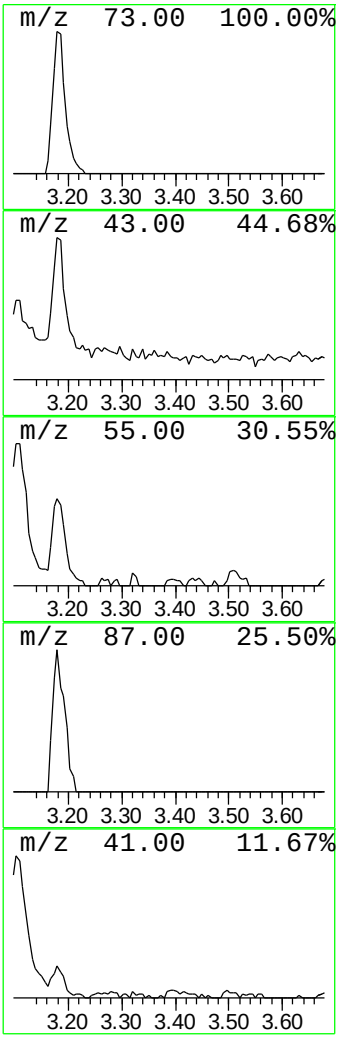
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	5.21 ng	39198	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	Isobutylamine	73	C4H11N	000078-81-9	5





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038720.D
Acq On : 19 Dec 2018 9:09
Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

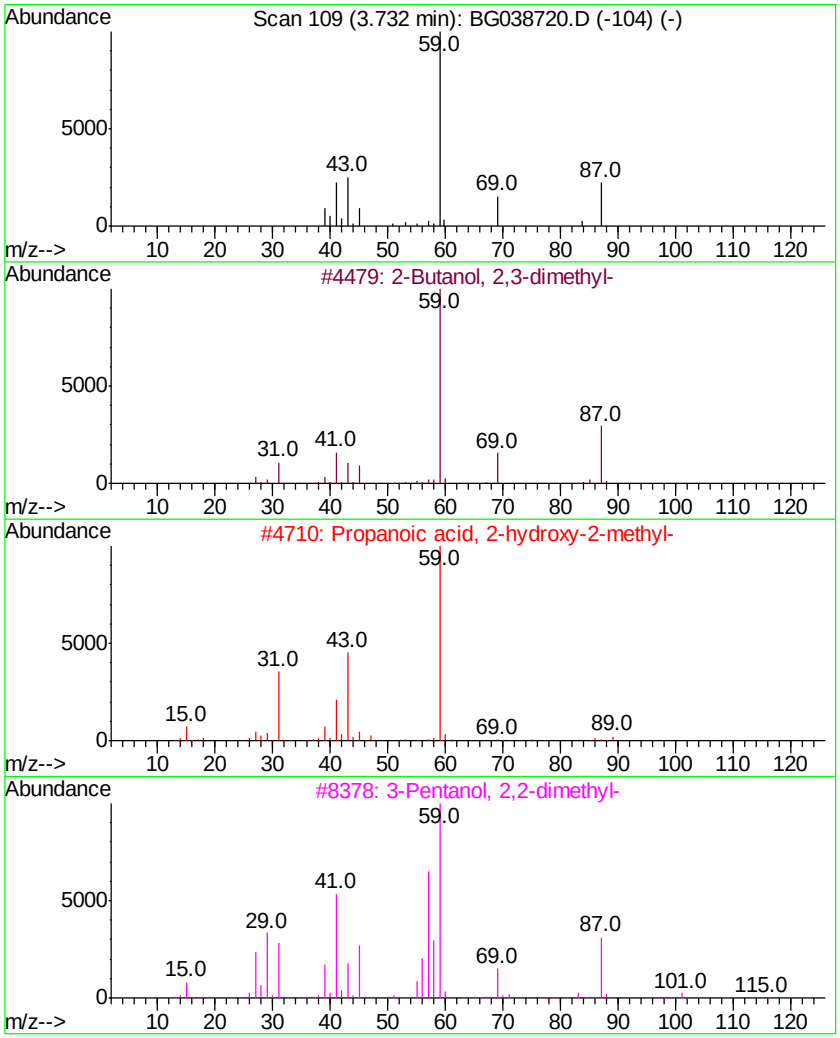
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

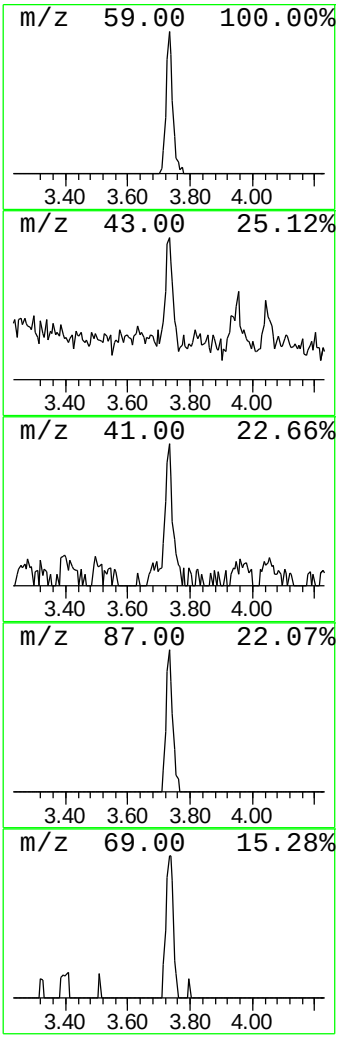
****

Peak Number 2 2-Butanol, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	4.13 ng	31058	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
2	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	42
3	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	40
4	Amylene hydrate	88	C5H12O	000075-85-4	38
5	3-Heptanol	116	C7H16O	000589-82-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038720.D
Acq On : 19 Dec 2018 9:09
Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

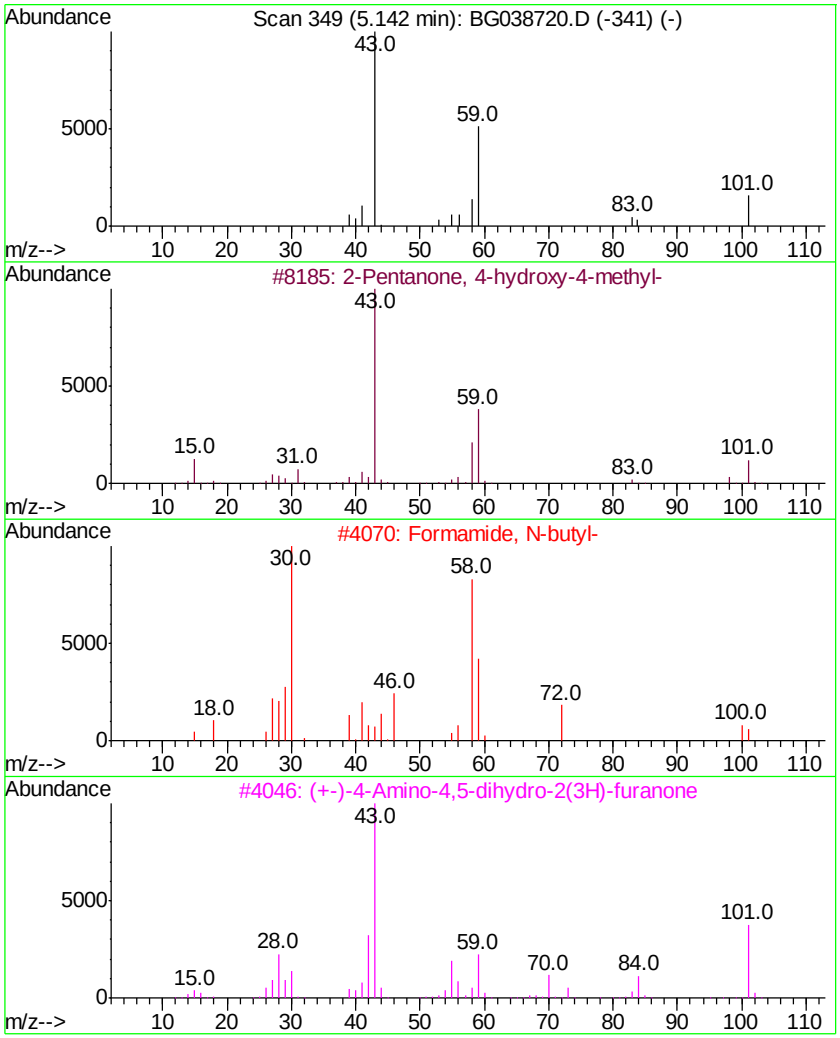
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

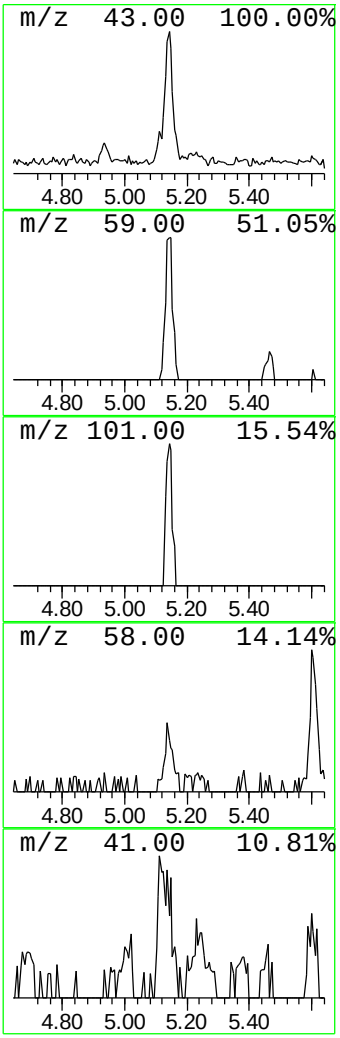
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	3.63 ng	27270	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	Formamide, N-butyl-	101	C5H11NO	000871-71-6	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	2-Pentanone, 5-(2-propynyloxy)-	140	C8H12O2	055702-70-0	9
5	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038720.D
Acq On : 19 Dec 2018 9:09
Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

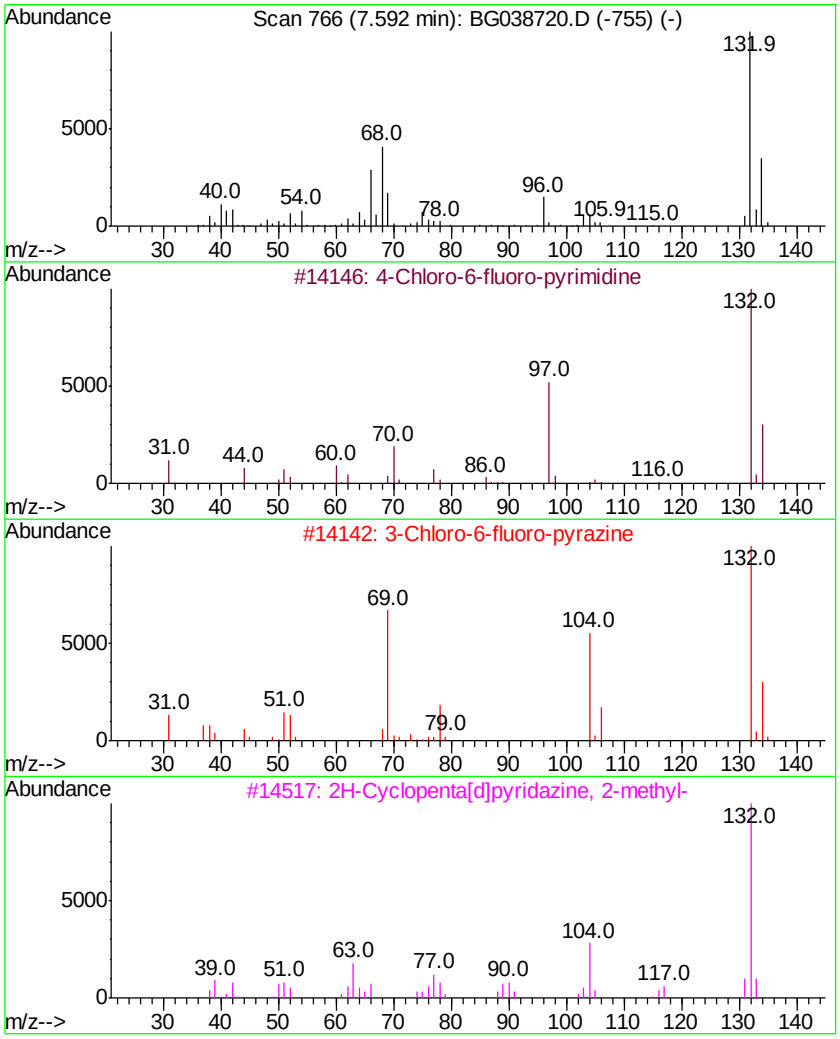
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

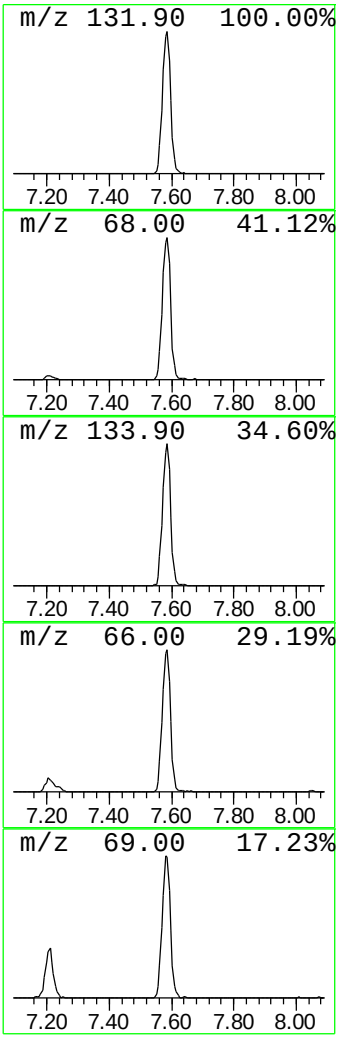
****

Peak Number 4 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	100.21 ng	753308	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038720.D
Acq On : 19 Dec 2018 9:09
Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

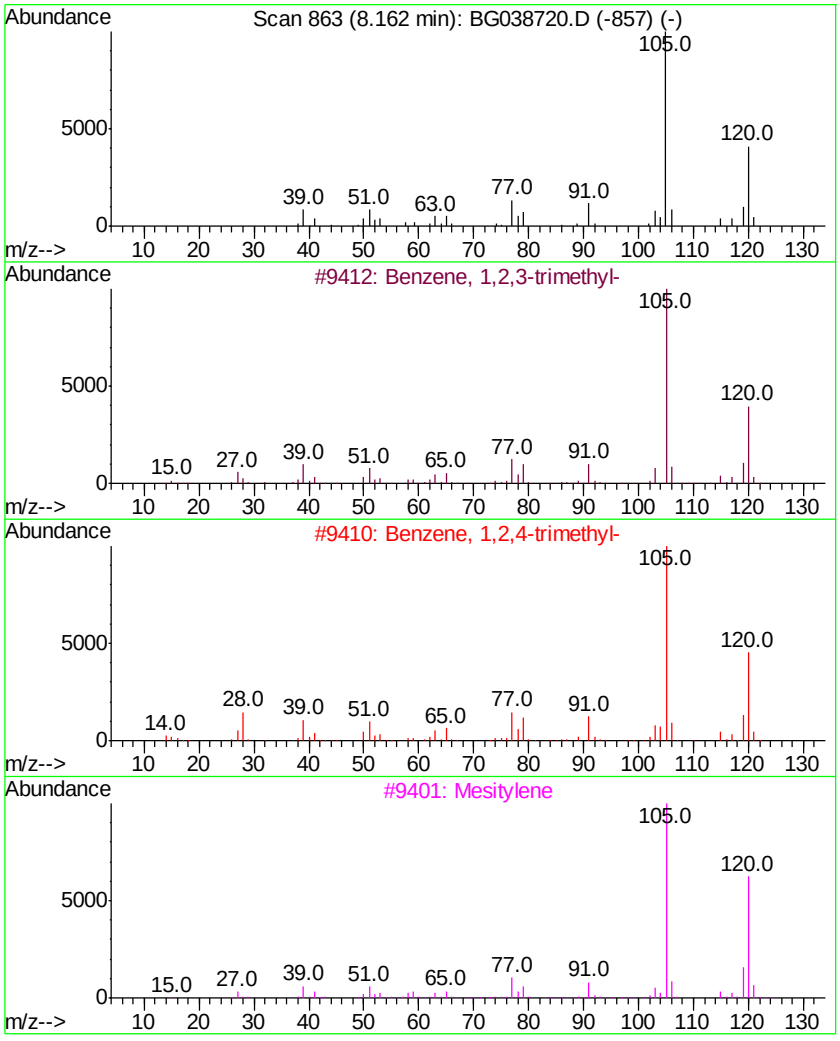
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

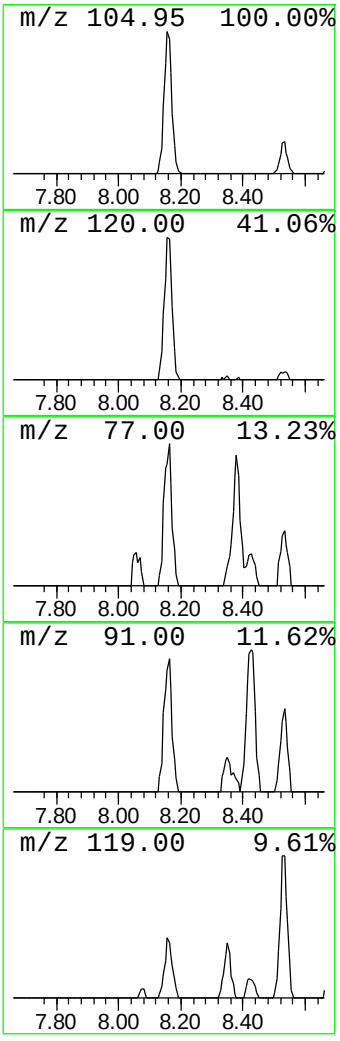
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	13.76 ng	103427	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038720.D
Acq On : 19 Dec 2018 9:09
Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

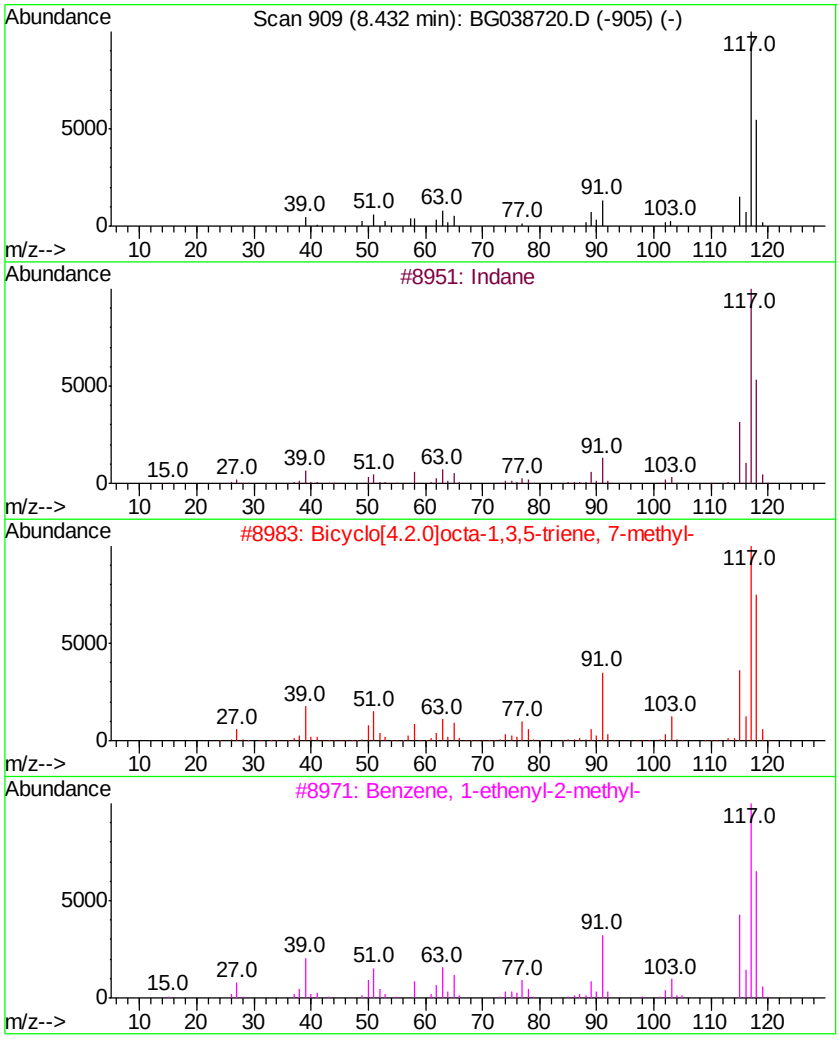
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

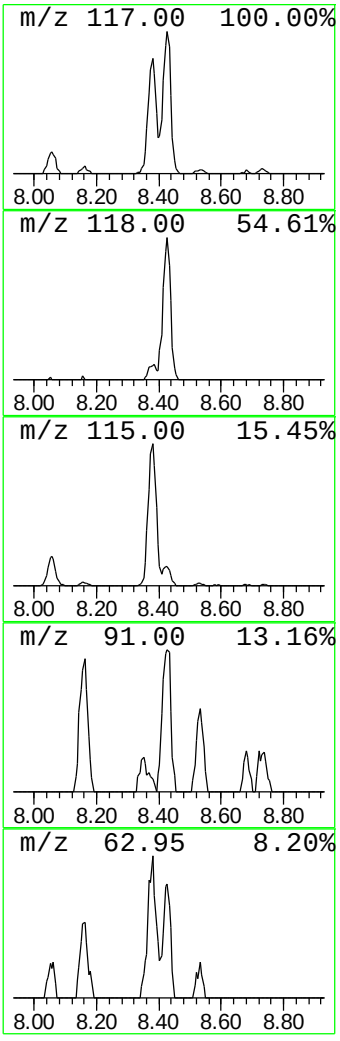
****

Peak Number 7 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	10.89 ng	81828	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	81
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038720.D
Acq On : 19 Dec 2018 9:09
Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

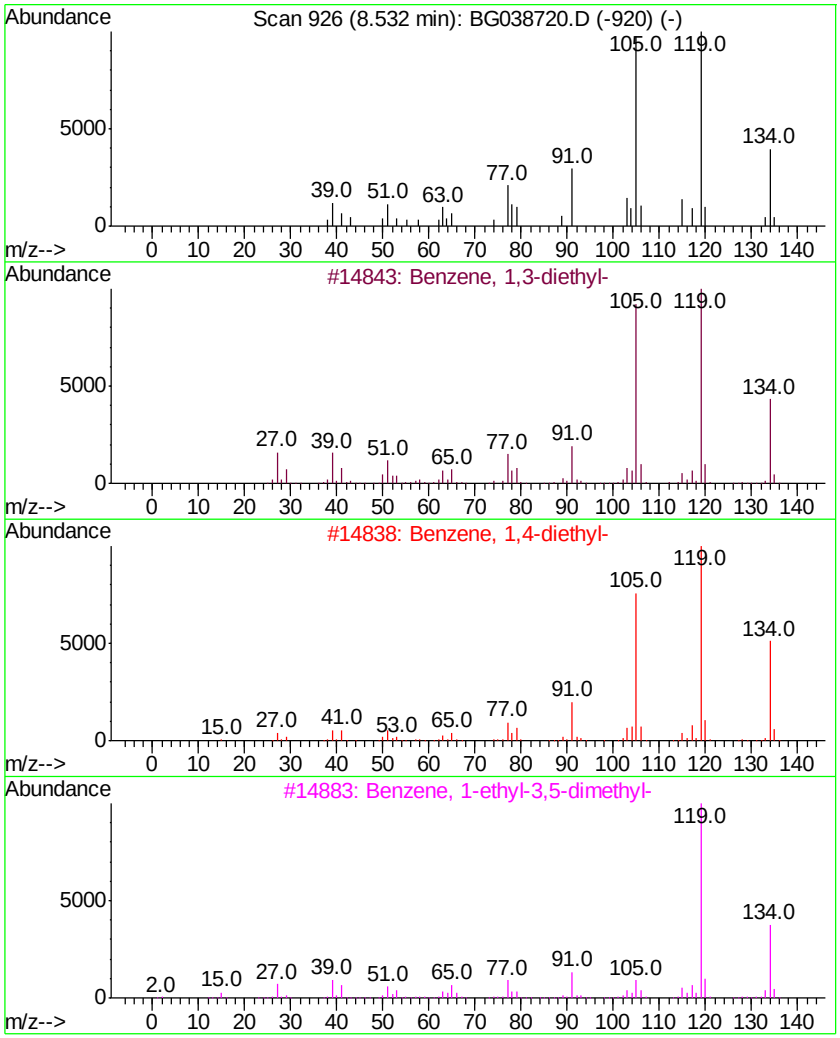
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

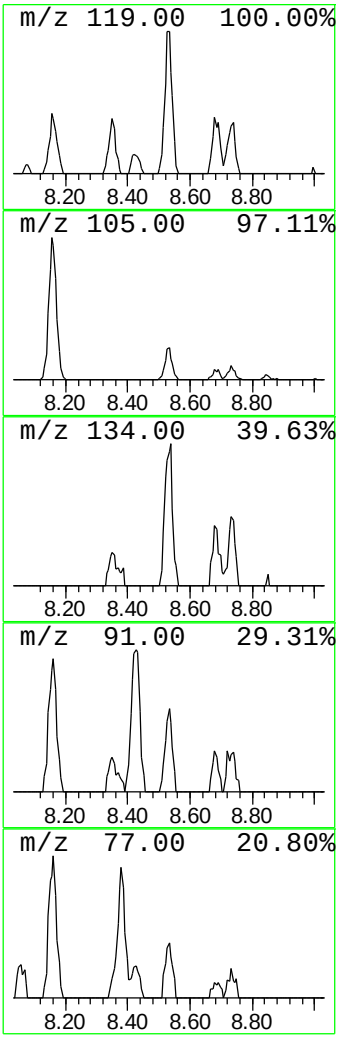
****

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	4.93 ng	37059	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038720.D
Acq On : 19 Dec 2018 9:09
Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

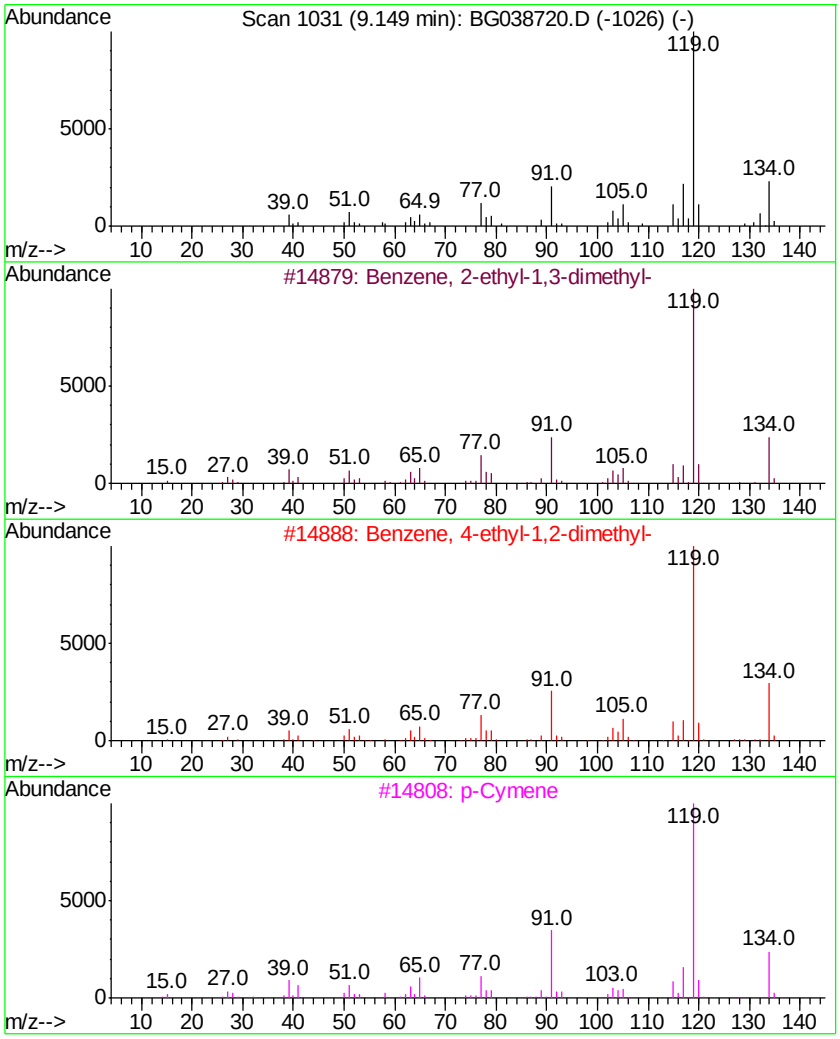
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

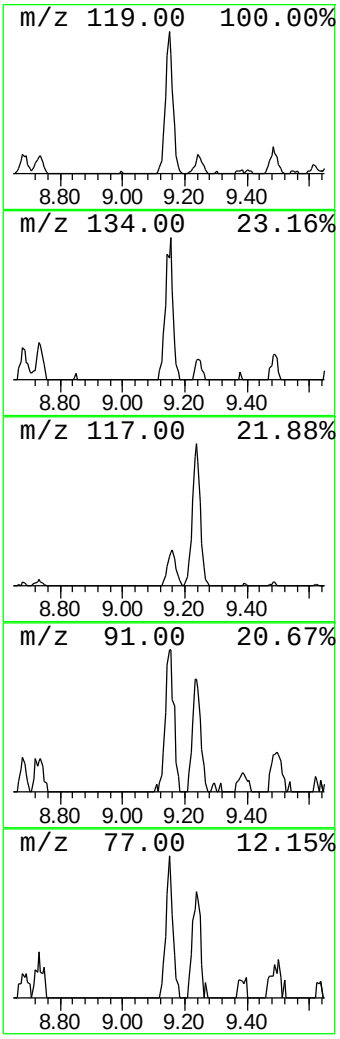
****

Peak Number 9 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	11.97 ng	89983	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	p-Cymene	134	C10H14	000099-87-6	87
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
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Acq On : 19 Dec 2018 9:09
Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

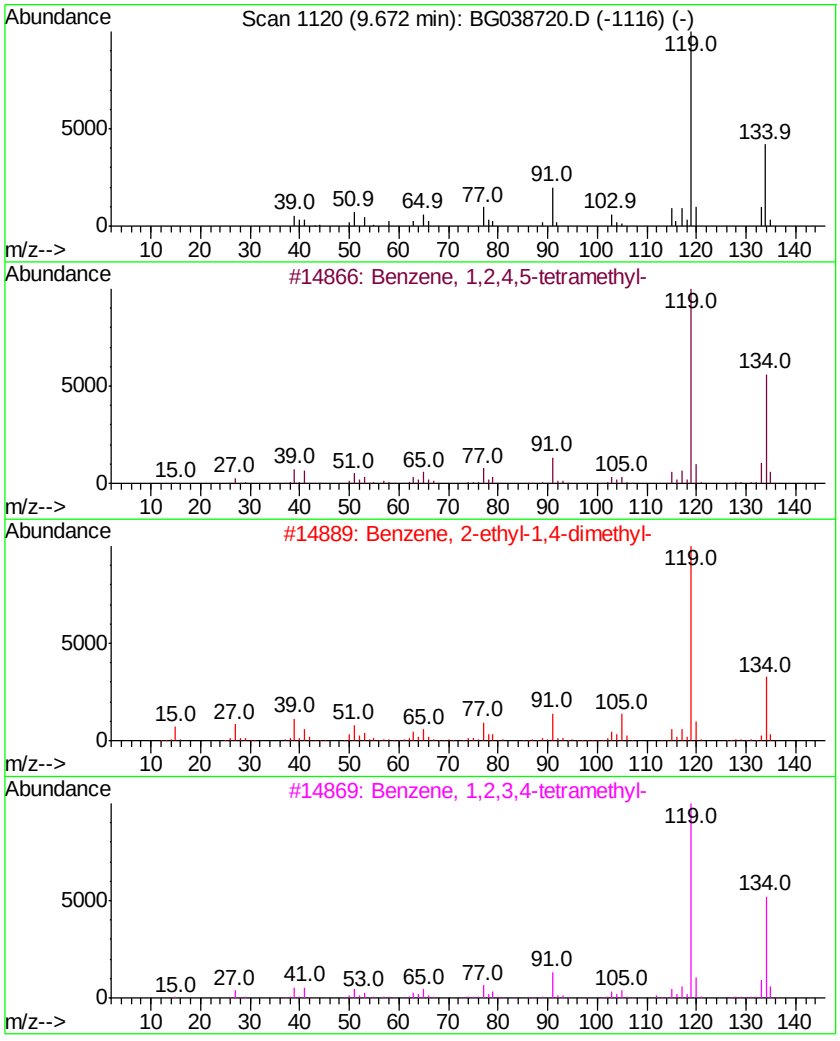
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

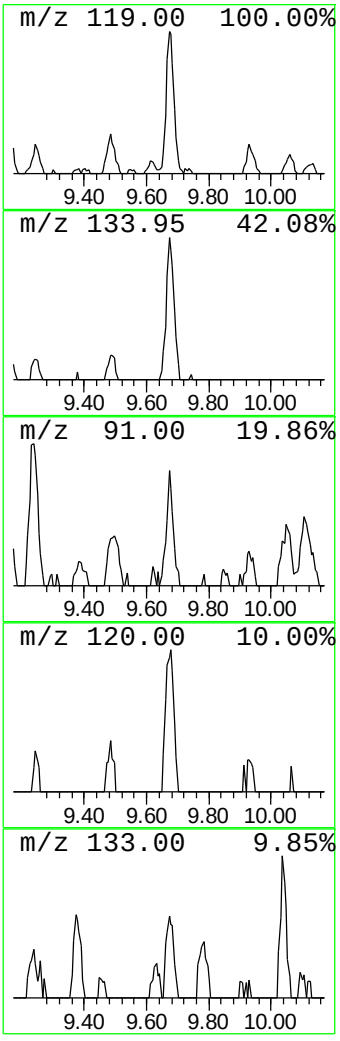
****

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	3.74 ng	45694	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

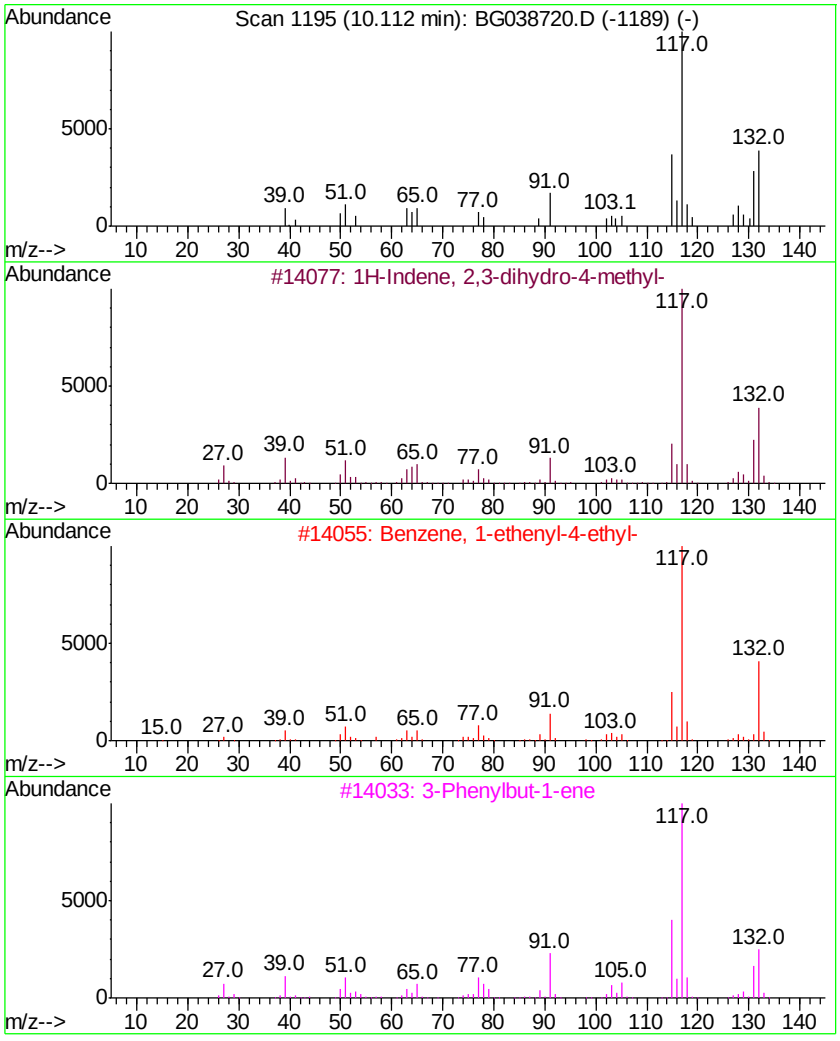
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

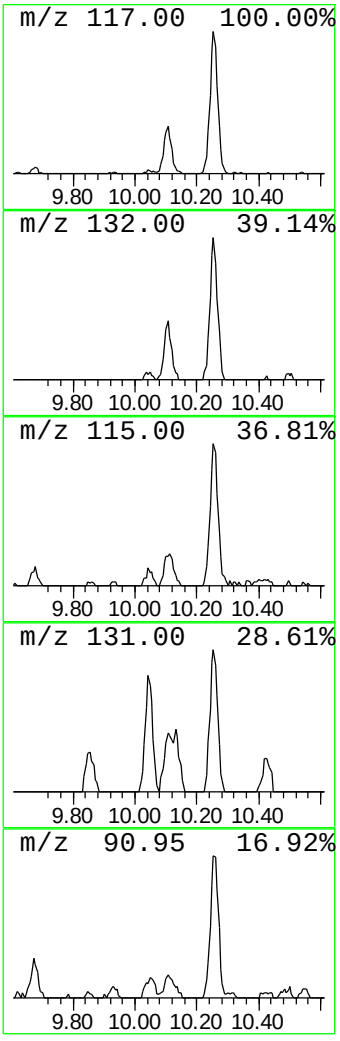
****

Peak Number 11 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	3.79 ng	46225	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86





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Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

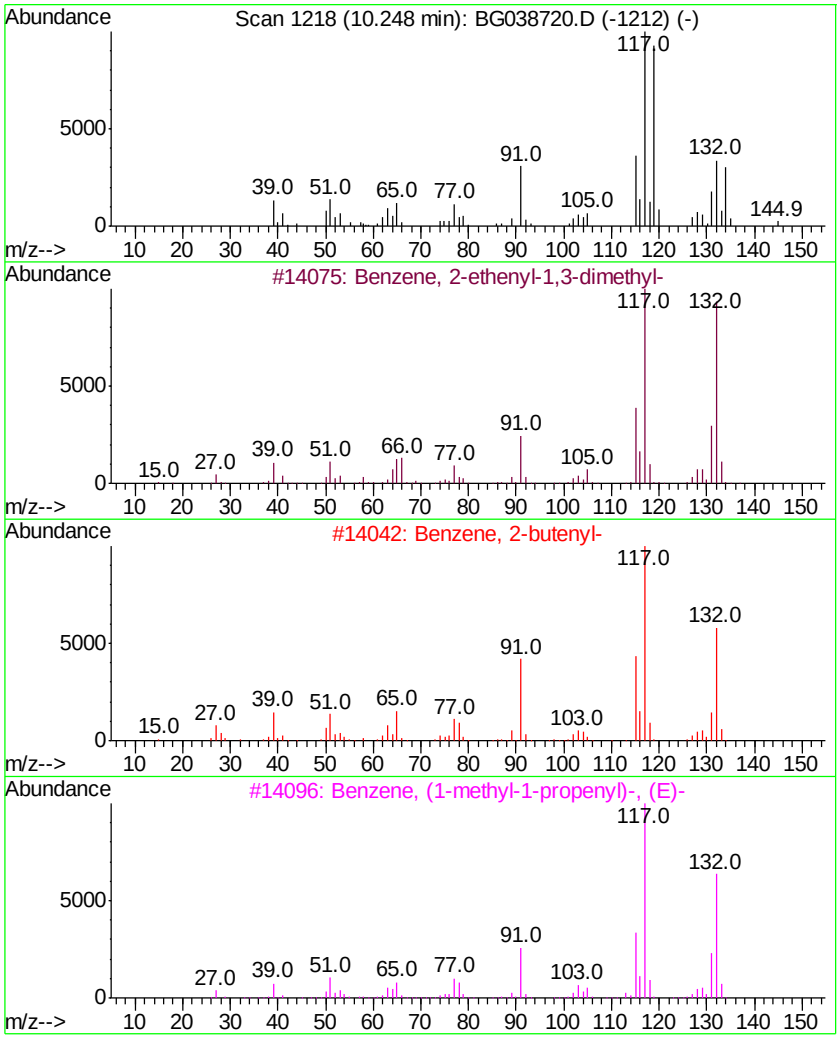
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

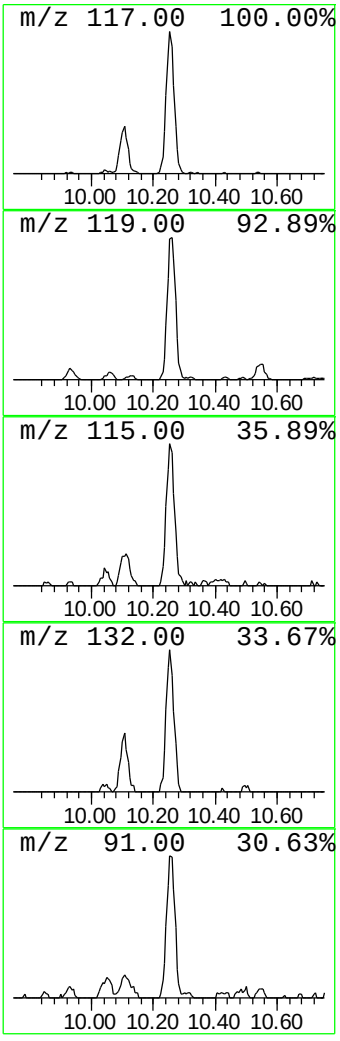
****

Peak Number 12 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	19.54 ng	238361	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55





Library Search Compound Report

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Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

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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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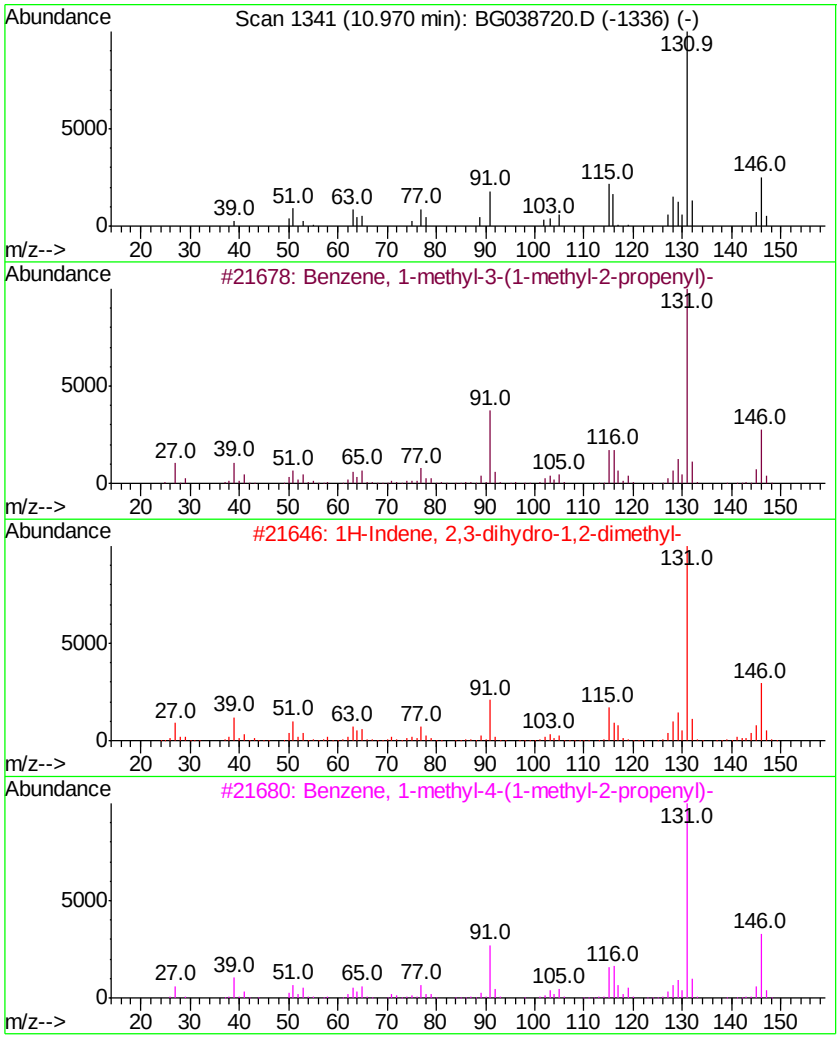
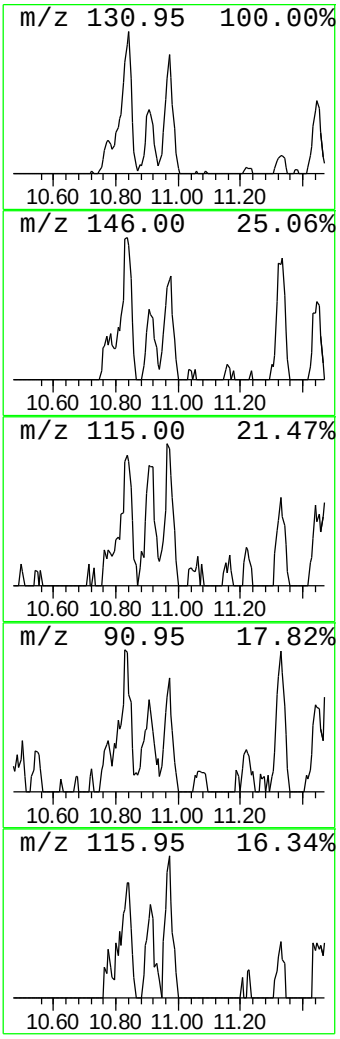
Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	3.49 ng	42608	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





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Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

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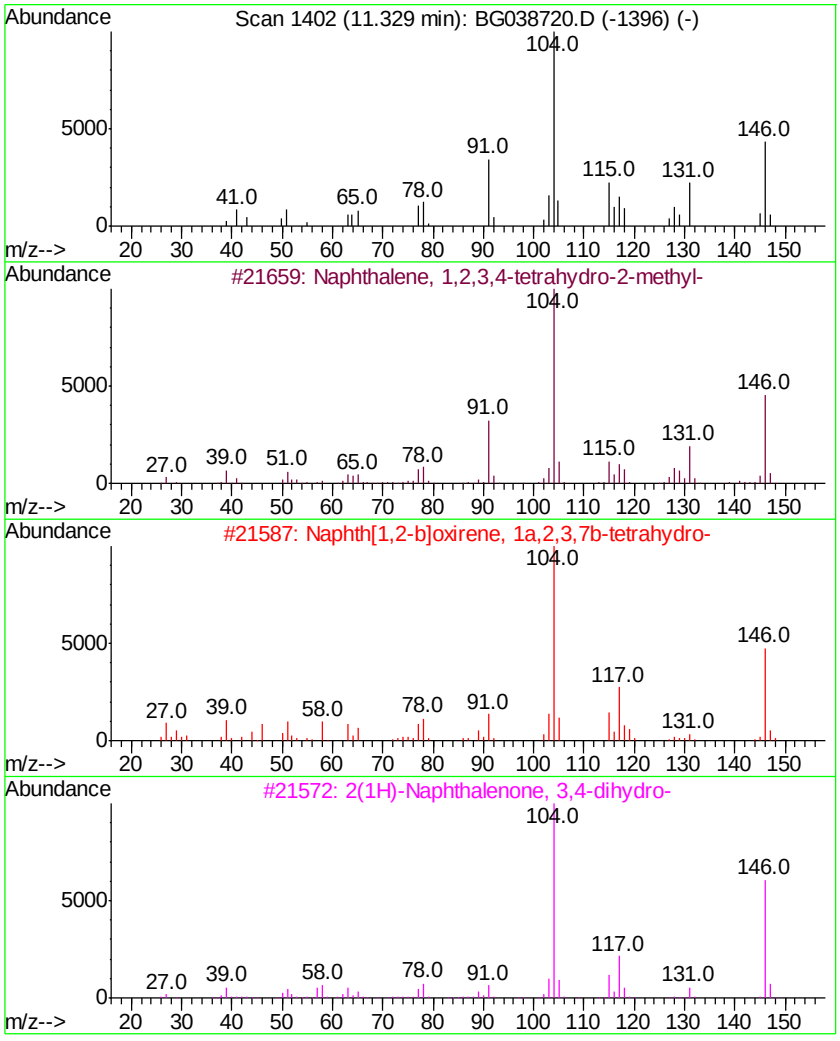
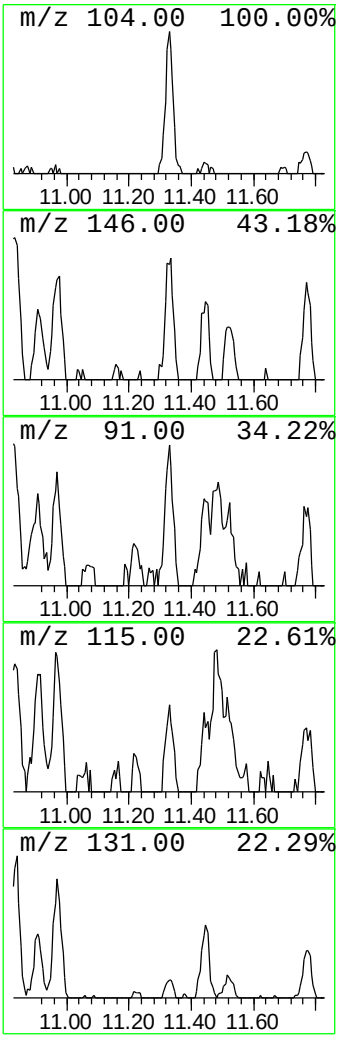
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	3.02 ng	36855	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
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	7-Azabicyclo[4.2.2]deca-2,4,9-tr...	147	C9H9NO	017198-06-0	53
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38





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Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

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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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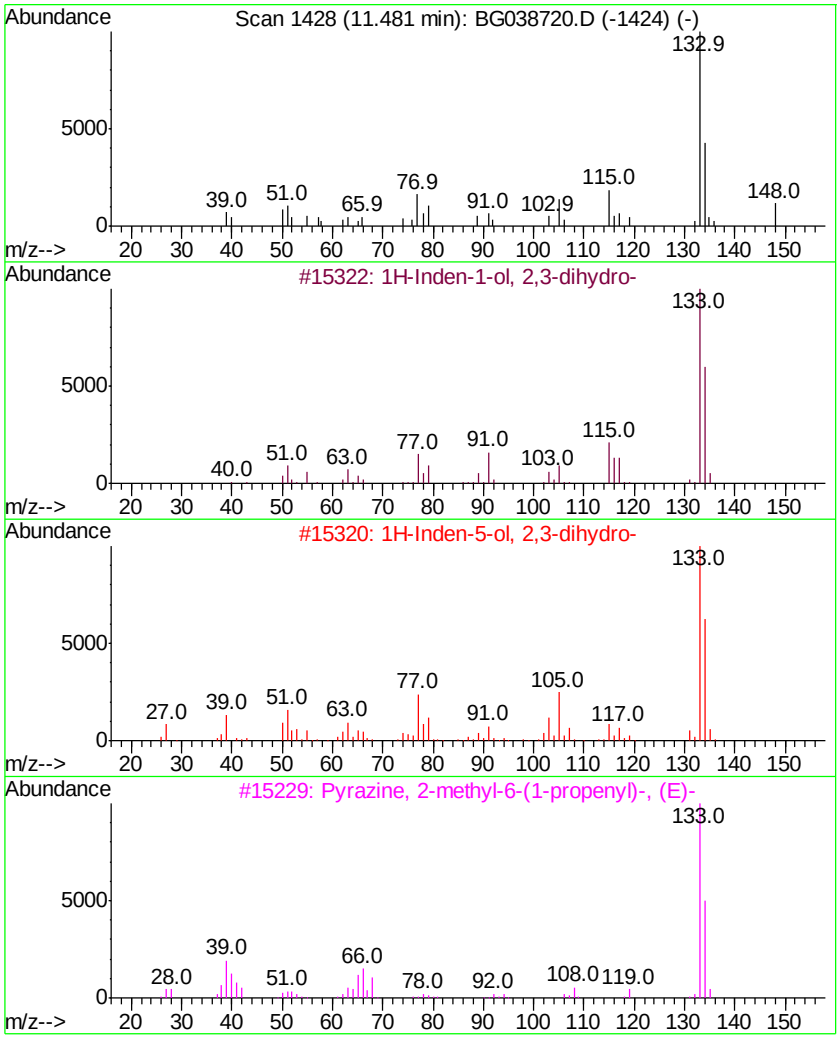
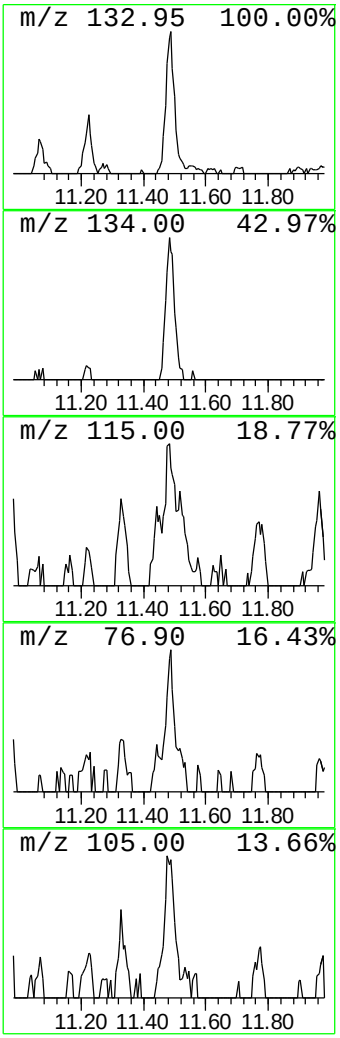
Peak Number 15 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	2.62 ng	31948	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	72
2	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	64
3	Pyrazine, 2-methyl-6-(1-propenyl...	134	C8H10N2	018217-81-7	59
4	Pyrazine, 2-methyl-5-(1-propenyl...	134	C8H10N2	018217-82-8	59
5	Pyrazine, 2-methyl-6-(1-propenyl...	134	C8H10N2	055138-67-5	59





Library Search Compound Report

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Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId : PR-MW-02_121218

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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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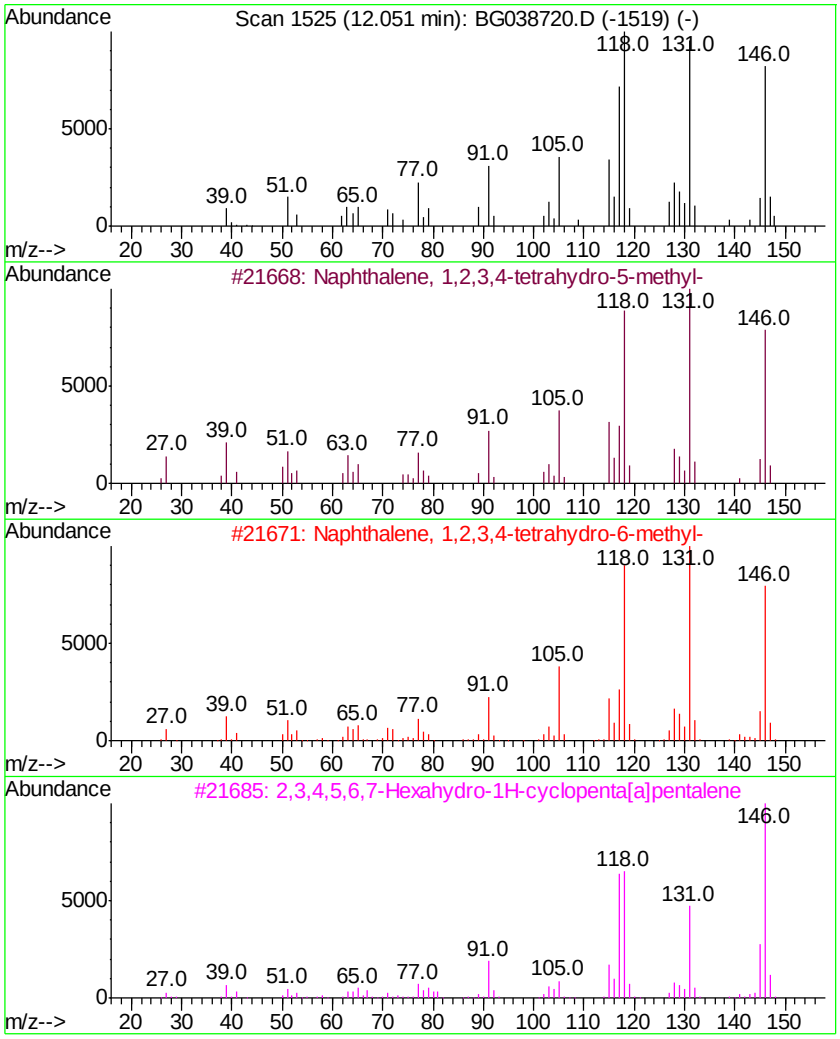
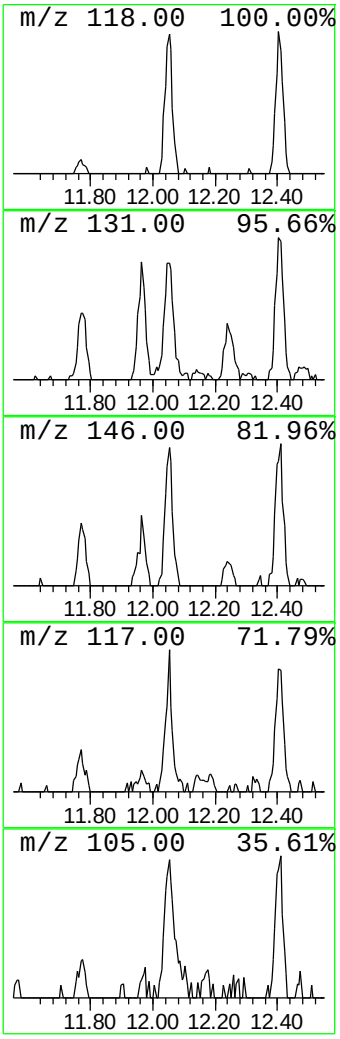
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	5.86 ng	71457	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	98
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	87
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	74
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	70





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Data File : BG038720.D
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Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

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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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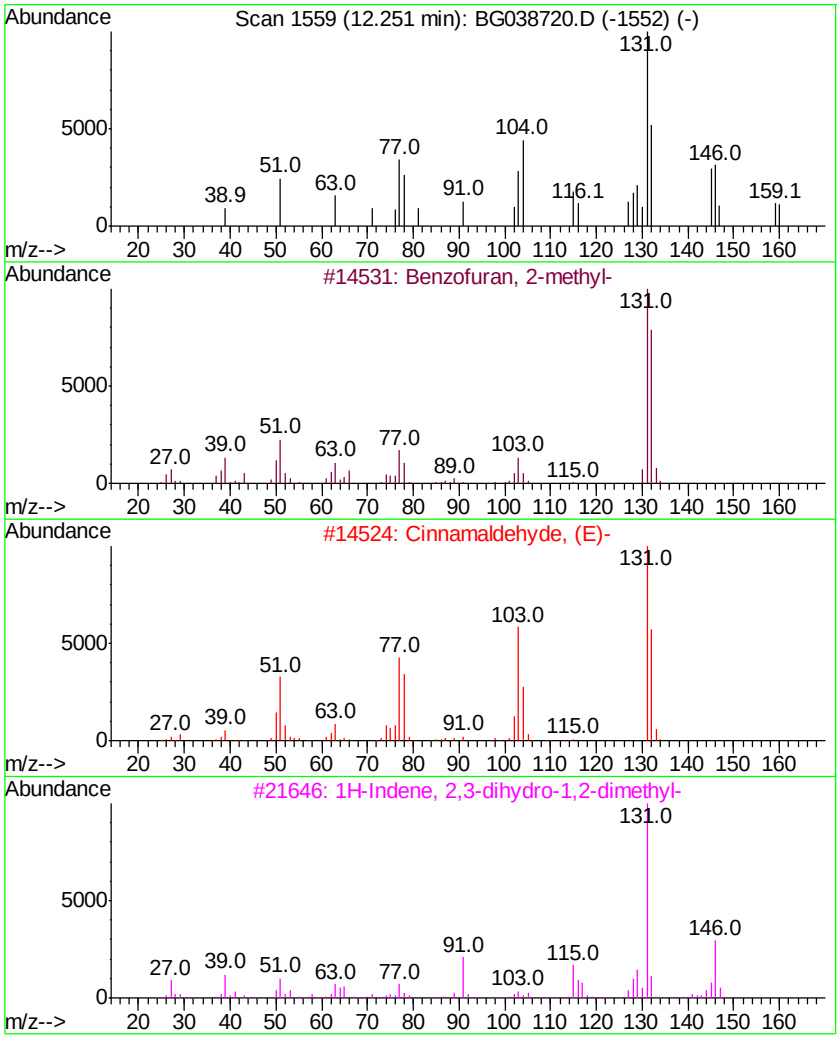
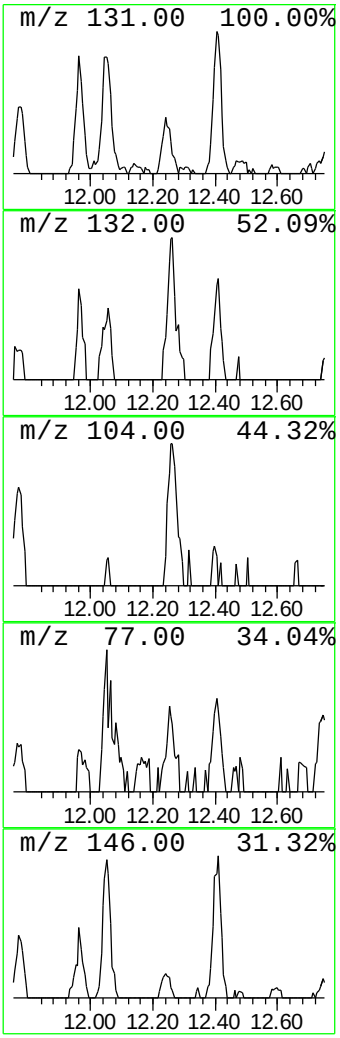
Peak Number 17 unknown12.25 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	2.33 ng	28381	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	49
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	43
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	43
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	43
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	43





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Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

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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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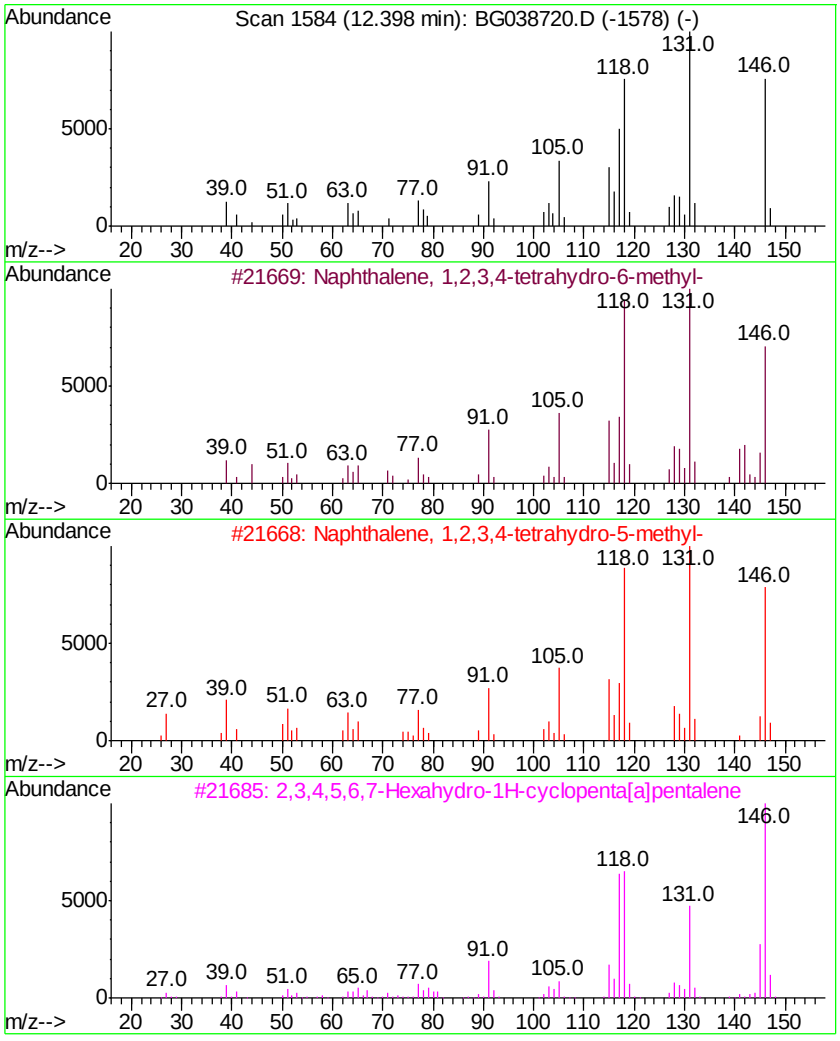
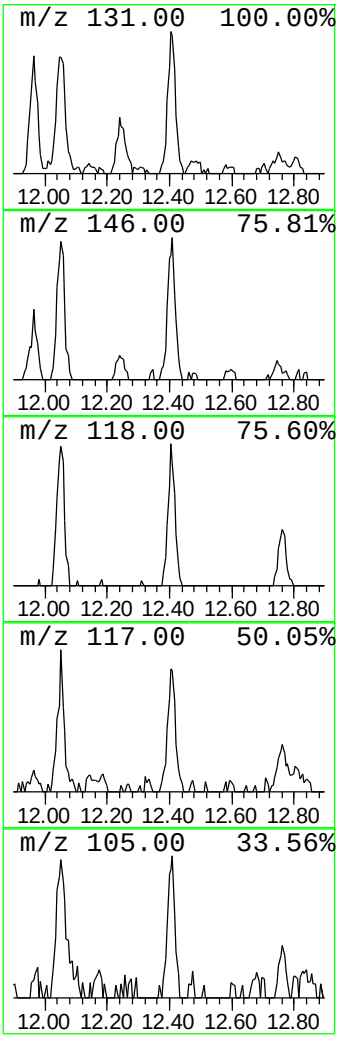
Peak Number 18 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	5.56 ng	67799	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	81
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	49





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Misc :
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Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

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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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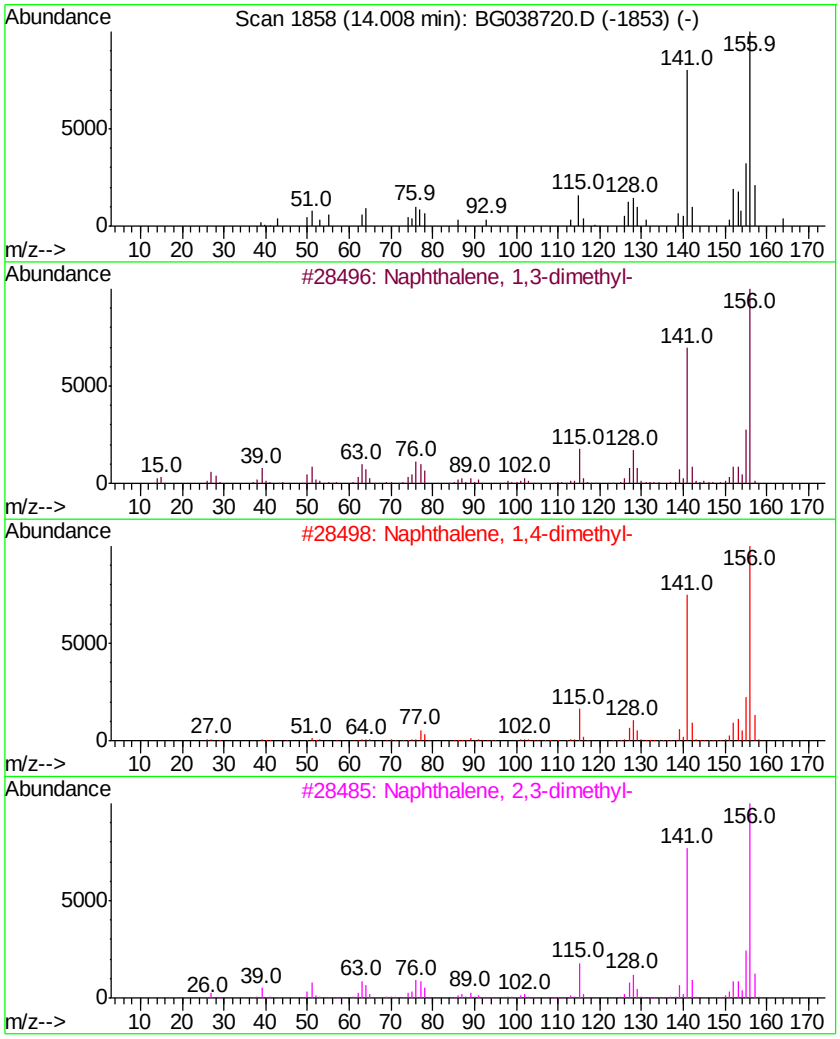
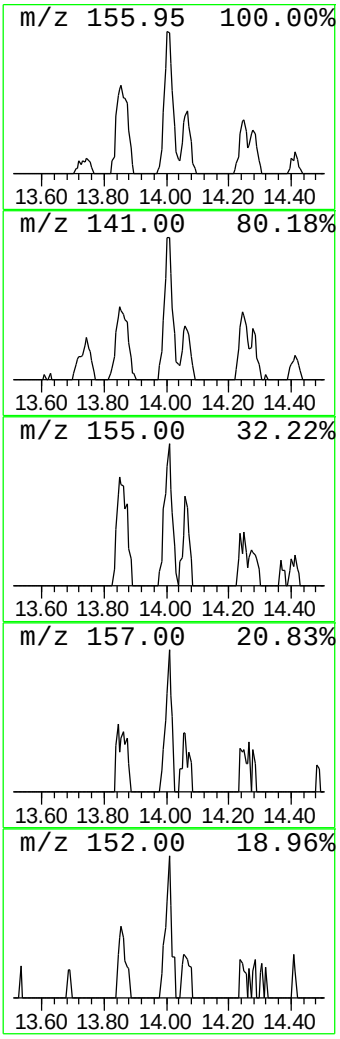
Peak Number 19 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.20 ng	37356	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93





Library Search Compound Report

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ClientSampleId : PR-MW-02_121218

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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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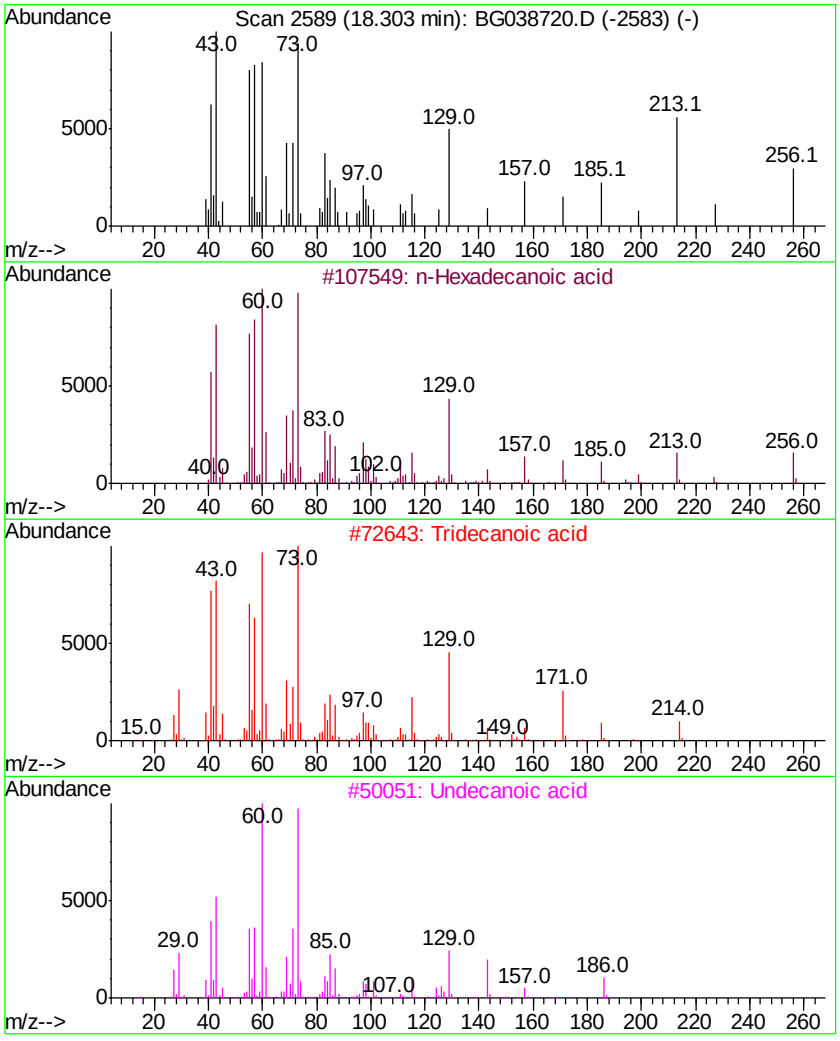
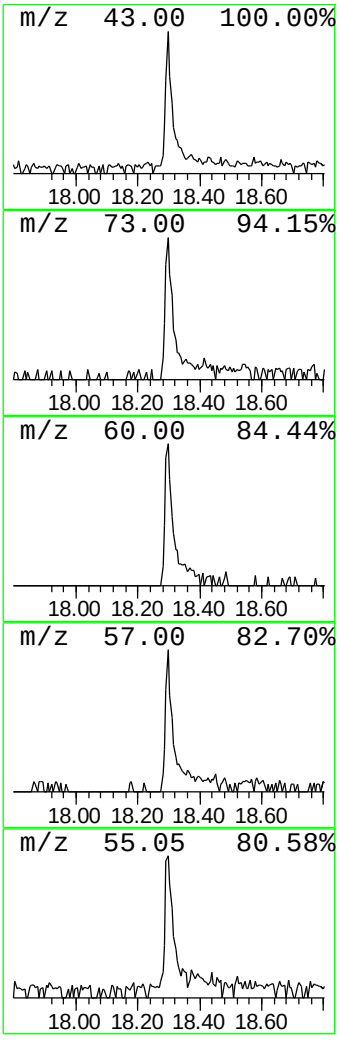
Peak Number 20 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.83 ng	63420	Phenanthrene-d10	17.44

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	91
3	Undecanoic acid	186	C11H22O2	000112-37-8	55
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : PR-MW-02_121218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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
Butane, 2-methoxy...	3.18	5.2	ng	39198	1	8.06	150341	20.0
2-Butanol, 2,3-di...	3.73	4.1	ng	31058	1	8.06	150341	20.0
2-Pentanone, 4-hy...	5.14	3.6	ng	27270	1	8.06	150341	20.0
unknown7.59	7.59	100.2	ng	753308	1	8.06	150341	20.0
Benzene, 1,2,3-tr...	8.16	13.8	ng	103427	1	8.06	150341	20.0
Indane	8.43	10.9	ng	81828	1	8.06	150341	20.0
Benzene, 1,3-diet...	8.53	4.9	ng	37059	1	8.06	150341	20.0
Benzene, 2-ethyl-...	9.15	12.0	ng	89983	1	8.06	150341	20.0
Benzene, 1,2,4,5-...	9.67	3.7	ng	45694	2	10.88	244035	20.0
1H-Indene, 2,3-di...	10.11	3.8	ng	46225	2	10.88	244035	20.0
Benzene, 2-etheny...	10.25	19.5	ng	238361	2	10.88	244035	20.0
Benzene, 1-methyl...	10.97	3.5	ng	42608	2	10.88	244035	20.0
Naphthalene, 1,2,...	11.33	3.0	ng	36855	2	10.88	244035	20.0
1H-Inden-1-ol, 2,...	11.48	2.6	ng	31948	2	10.88	244035	20.0
Naphthalene, 1,2,...	12.05	5.9	ng	71457	2	10.88	244035	20.0
unknown12.25	12.25	2.3	ng	28381	2	10.88	244035	20.0
Naphthalene, 1,2,...	12.40	5.6	ng	67799	2	10.88	244035	20.0
Naphthalene, 1,3-...	14.01	2.2	ng	37356	3	14.70	338926	20.0
n-Hexadecanoic acid	18.30	2.8	ng	63420	4	17.44	447625	20.0