LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038704.D
Acq On : 18 Dec 2018 21:17
Operator : JU/SJ
Sample : J6398-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-01_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	3.182	12	16	26	rVB	22986	43616	1.68%	0.378%
2	5.609	422	429	435	rBV	224690	383414	14.79%	3.319%
3	5.673	435	440	454	rVB3	179963	508679	19.62%	4.404%
4	7.125	681	687	693	rBV	34829	56228	2.17%	0.487%
5	7.207	693	701	707	rVV	148485	287267	11.08%	2.487%
6	7.260	707	710	720	rVB	34116	52626	2.03%	0.456%
7	7.583	758	765	771	rBV	412733	750647	28.95%	6.498%
8	7.630	771	773	778	rVV	28635	46411	1.79%	0.402%
9	7.689	778	783	791	rVB	46342	78355	3.02%	0.678%
10	8.059	838	846	852	rBV	98725	176521	6.81%	1.528%
11	8.159	857	863	870	rVB	35021	58396	2.25%	0.506%
12	8.382	893	901	907	rBV	393946	717158	27.66%	6.208%
13	9.234	1037	1046	1056	rBV	347923	645194	24.89%	5.585%
14	10.873	1314	1325	1332	rBV	130925	248805	9.60%	2.154%
15	13.311	1733	1740	1747	rBV	943051	1529109	58.98%	13.238%
16	14.692	1967	1975	1988	rBV2	214651	368872	14.23%	3.193%
17	16.185	2222	2229	2244	rBV3	816406	1276453	49.24%	11.050%
18	17.442	2436	2443	2453	rVB2	311667	466592	18.00%	4.039%
19	18.300	2584	2589	2598	rBV2	21258	37108	1.43%	0.321%
20	20.045	2878	2886	2895	rBV	1958659	2592543	100.00%	22.444%
21	21.719	3164	3171	3183	rVB2	312390	529641	20.43%	4.585%
22	23.171	3412	3418	3427	rBV3	15822	29886	1.15%	0.259%
23	23.981	3548	3556	3565	rBV2	20794	41952	1.62%	0.363%
24	24.945	3711	3720	3723	rBV2	18853	44892	1.73%	0.389%
25	25.021	3723	3733	3750	rVB	162871	498940	19.25%	4.319%
26	26.085	3905	3914	3923	rBV3	16194	48223	1.86%	0.417%
27	27.465	4139	4149	4155	rBV4	11194	33722	1.30%	0.292%

Sum of corrected areas: 11551250

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
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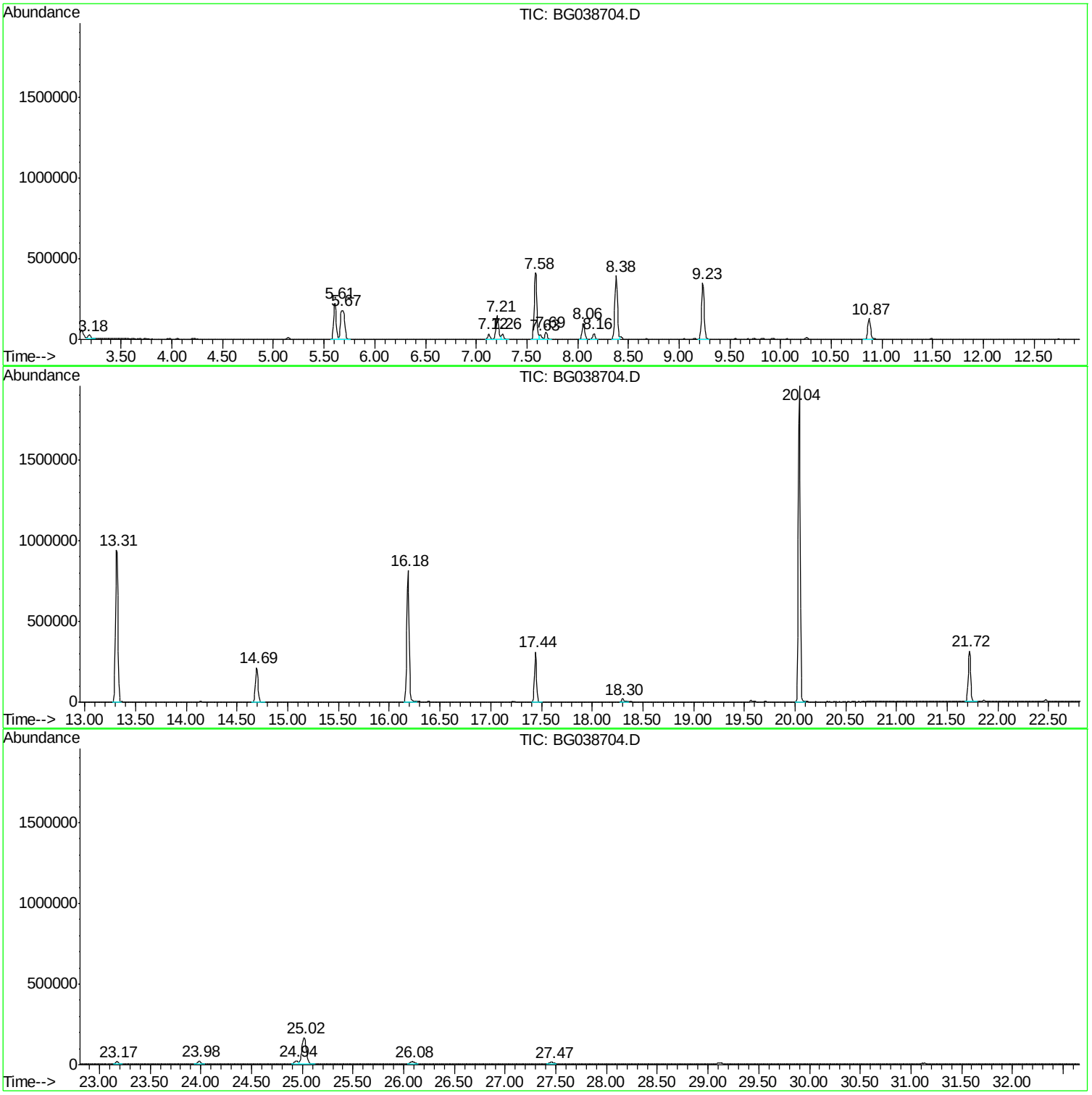
Operator : JU/SJ
Sample : J6398-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-01_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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038704.D
Acq On : 18 Dec 2018 21:17
Operator : JU/SJ
Sample : J6398-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-01_121218

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

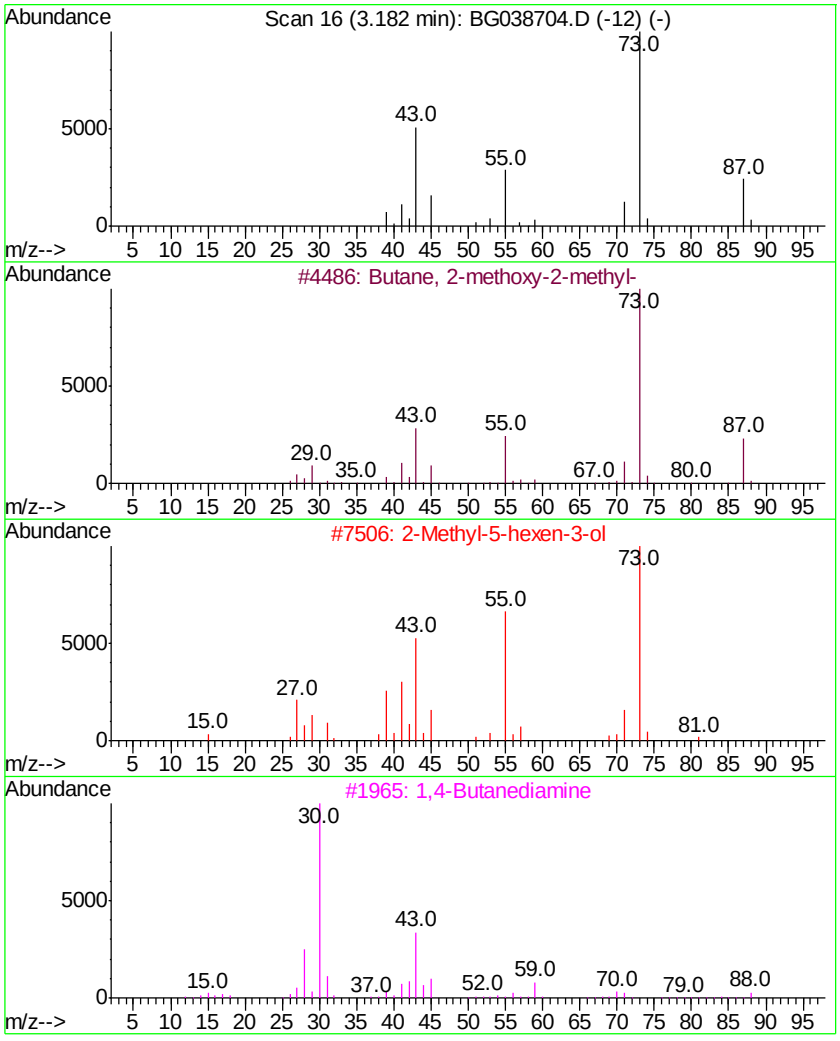
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

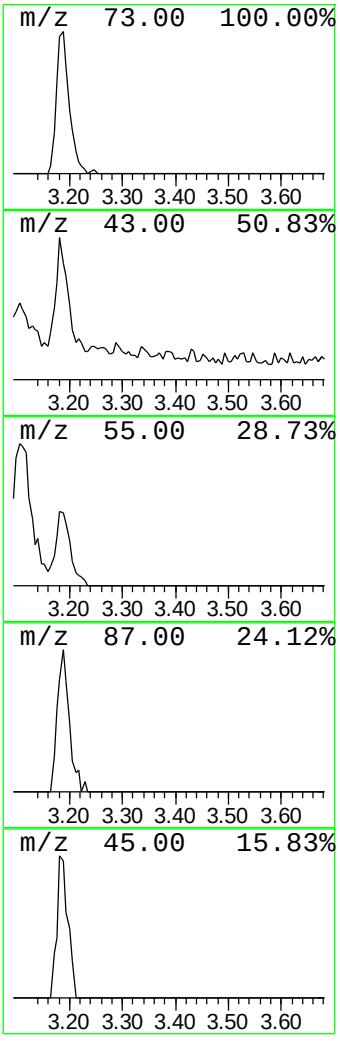
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	4.94 ng	43616	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	78
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
3	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
4	1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	155089-96-6	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





Library Search Compound Report

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Data File : BG038704.D
Acq On : 18 Dec 2018 21:17
Operator : JU/SJ
Sample : J6398-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-01_121218

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

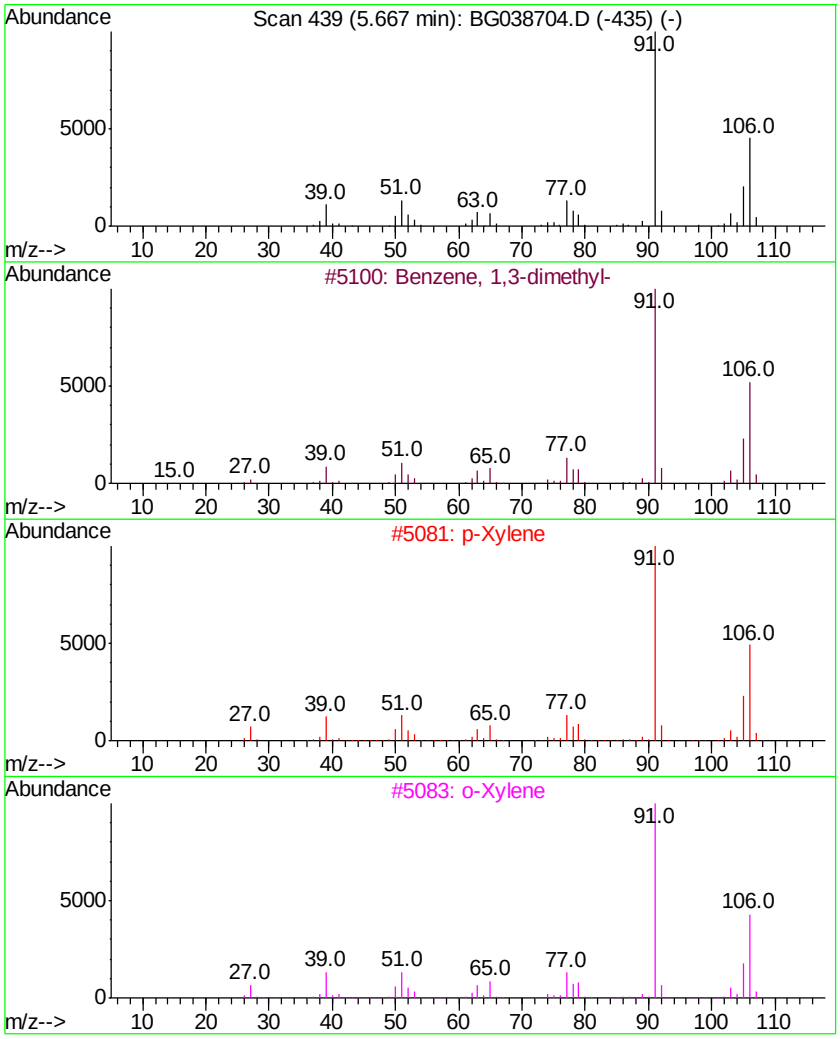
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

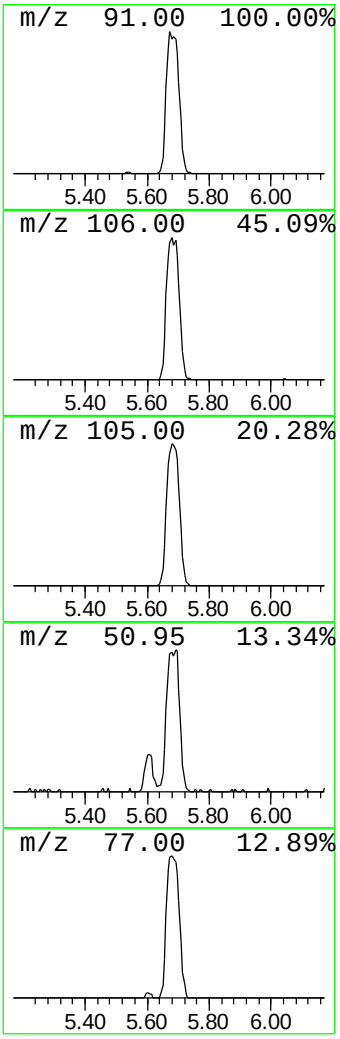
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	57.63 ng	508679	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	95
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038704.D
Acq On : 18 Dec 2018 21:17
Operator : JU/SJ
Sample : J6398-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-01_121218

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

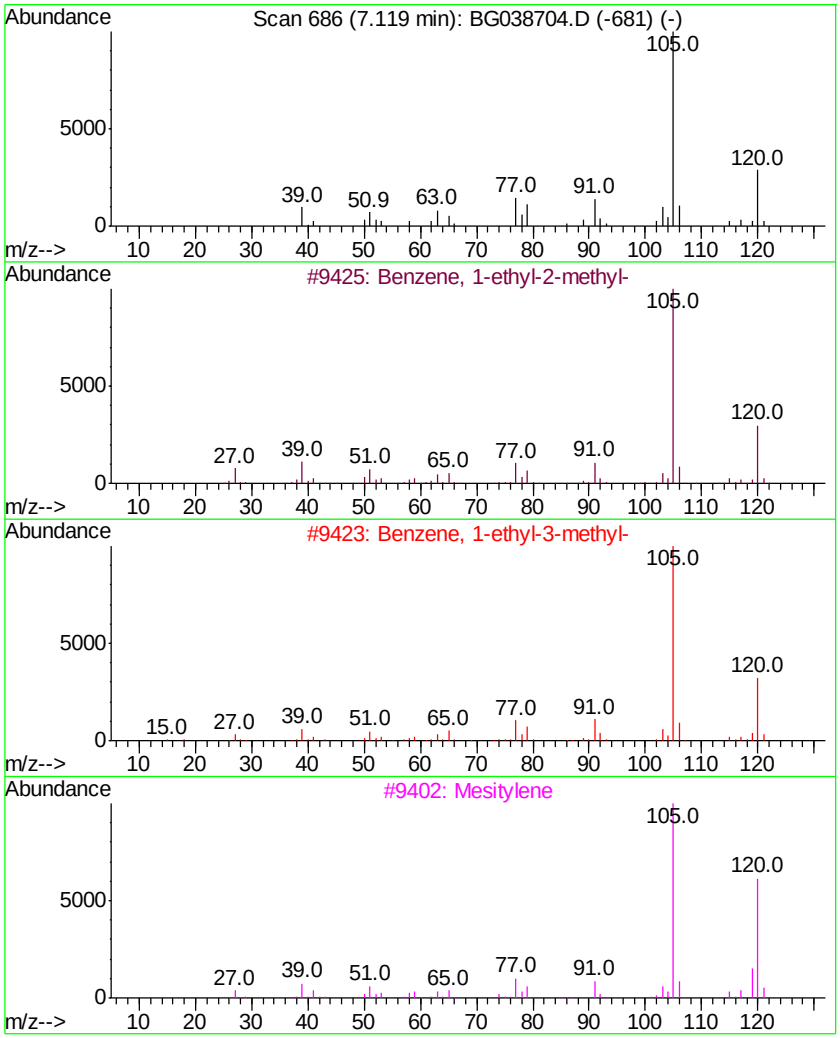
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

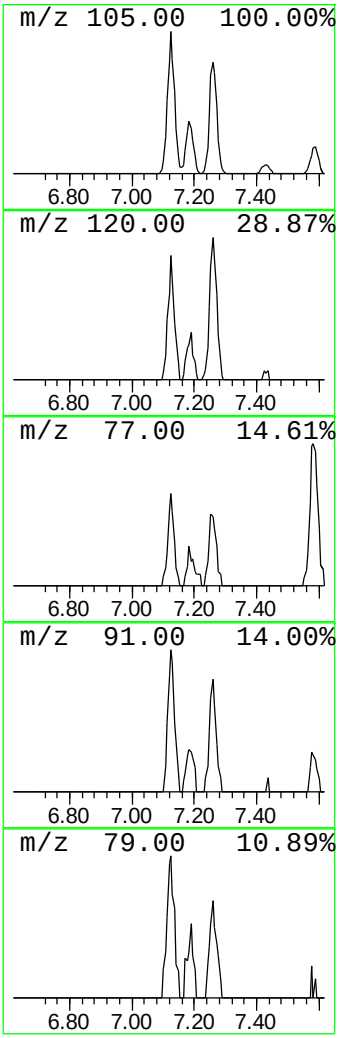
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	6.37 ng	56228	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038704.D
Acq On : 18 Dec 2018 21:17
Operator : JU/SJ
Sample : J6398-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-01_121218

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

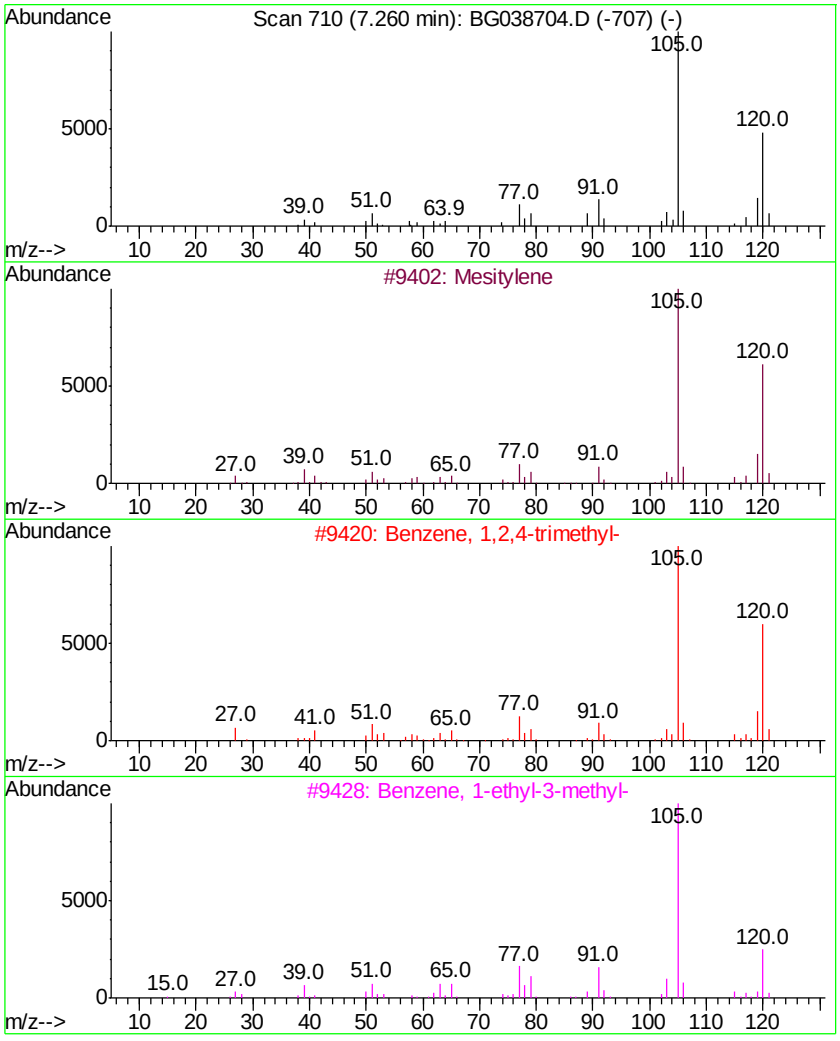
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

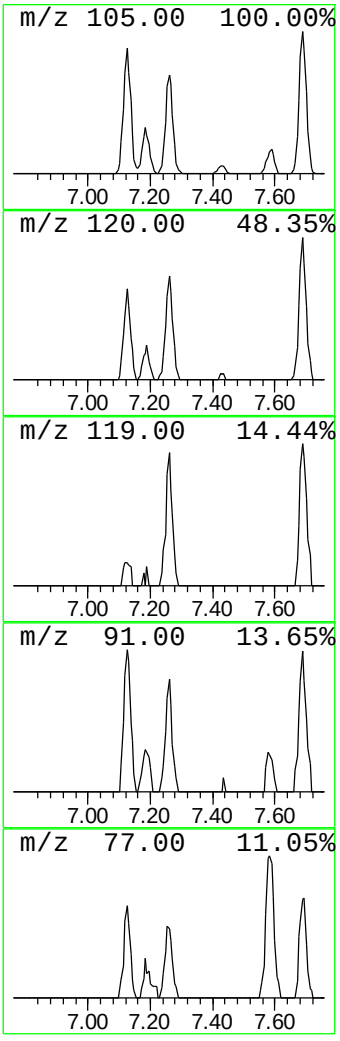
****

Peak Number 4 Mesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	5.96 ng	52626	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038704.D
Acq On : 18 Dec 2018 21:17
Operator : JU/SJ
Sample : J6398-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-01_121218

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

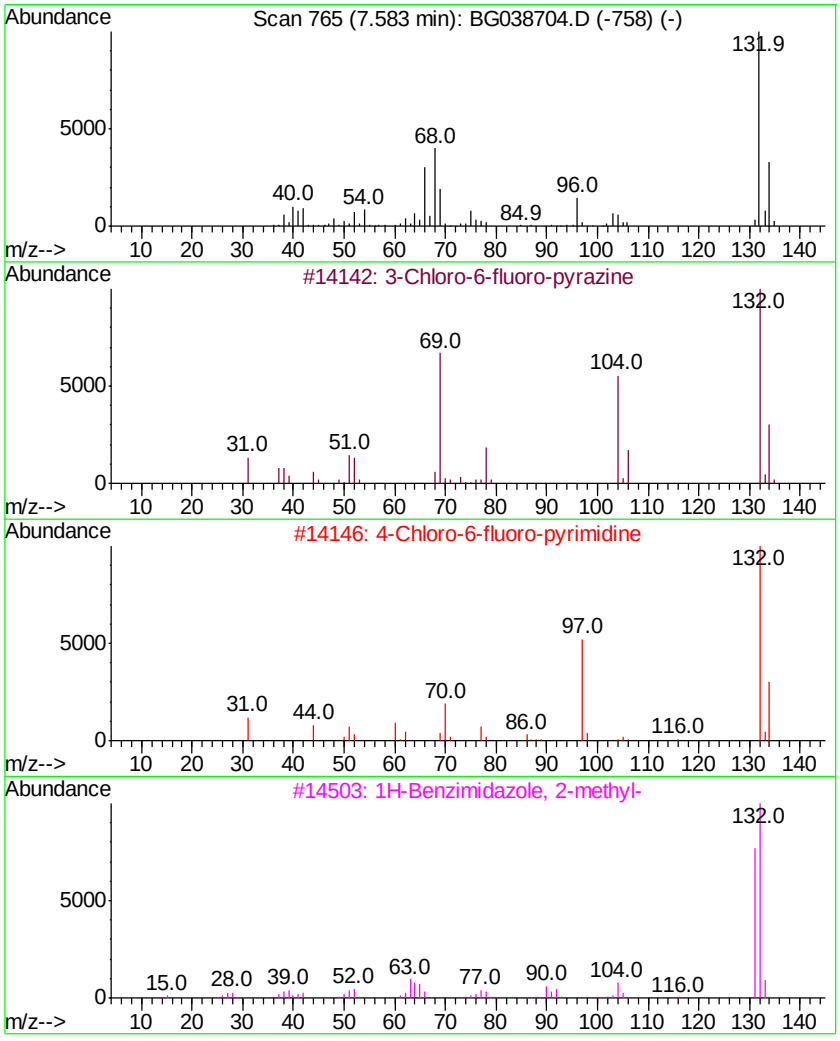
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

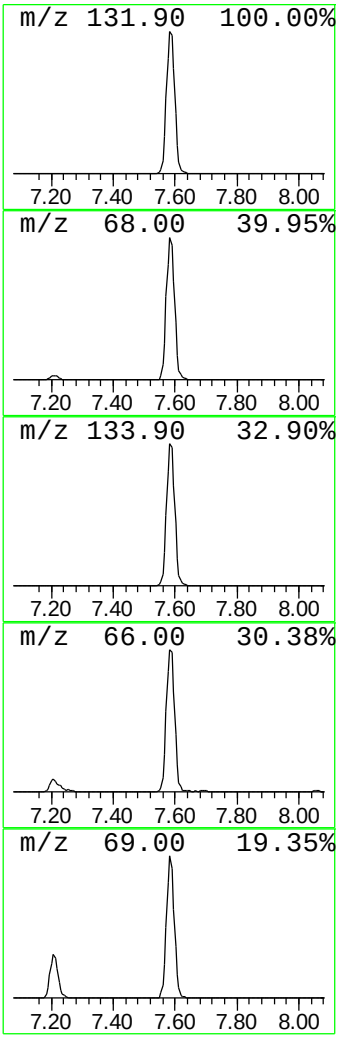
****

Peak Number 5 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	85.05 ng	750647	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

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Acq On : 18 Dec 2018 21:17
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-01_121218

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

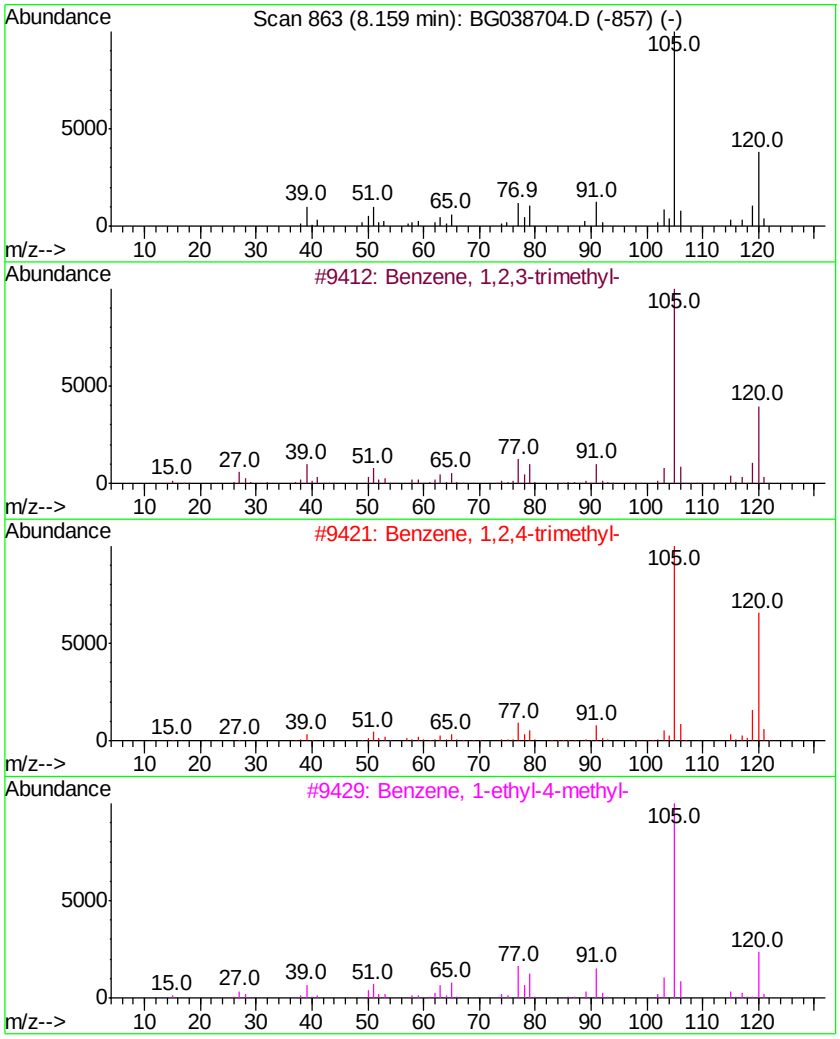
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

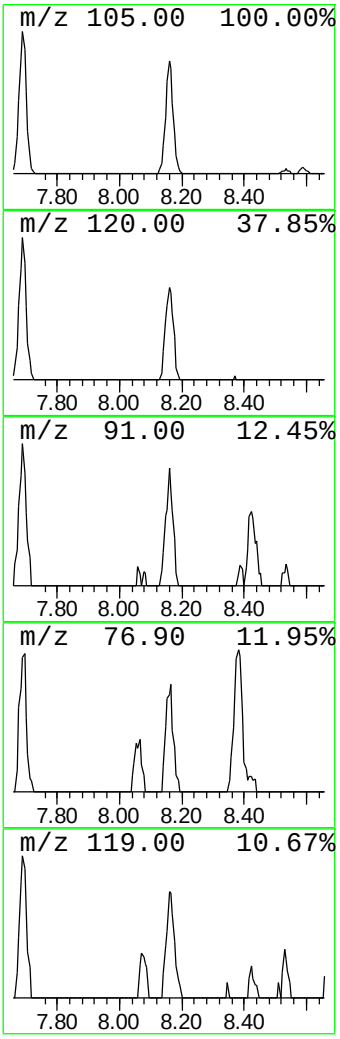
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	6.62 ng	58396	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	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121818\
Data File : BG038704.D
Acq On : 18 Dec 2018 21:17
Operator : JU/SJ
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Misc :
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Instrument : BNA_G
ClientSampleId : DUP-01_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	4.9	ng	43616	1	8.06	176521	20.0
Benzene, 1,3-dime...	5.67	57.6	ng	508679	1	8.06	176521	20.0
Benzene, 1-ethyl-...	7.12	6.4	ng	56228	1	8.06	176521	20.0
Mesitylene	7.26	6.0	ng	52626	1	8.06	176521	20.0
unknown7.58	7.58	85.0	ng	750647	1	8.06	176521	20.0
Benzene, 1,2,3-tr...	8.16	6.6	ng	58396	1	8.06	176521	20.0