LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
Data File : BG031185.D
Acq On : 22 Nov 2017 12:14
Operator : SJ/JU
Sample : I6536-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

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:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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	5.210	318	327	338	rBV	89953	149817	2.39%	0.595%
2	5.697	402	410	425	rBV	478712	826172	13.19%	3.282%
3	7.301	674	683	696	rBV	306751	590462	9.43%	2.346%
4	7.519	713	720	728	rBV	52610	83129	1.33%	0.330%
5	7.672	737	746	758	rBV	901906	1606843	25.66%	6.383%
6	8.136	817	825	831	rBV	208951	351006	5.61%	1.394%
7	8.459	873	880	886	rBV	839861	1514460	24.18%	6.016%
8	8.512	886	889	897	rVB	143008	220735	3.52%	0.877%
9	9.305	1017	1024	1035	rVB	640515	1234919	19.72%	4.906%
10	10.345	1194	1201	1212	rVB2	47402	90178	1.44%	0.358%
11	10.950	1294	1304	1311	rBV	283768	553557	8.84%	2.199%
12	11.567	1397	1409	1420	rBV3	30140	82707	1.32%	0.329%
13	12.325	1531	1538	1546	rBV4	43528	91877	1.47%	0.365%
14	13.383	1710	1718	1728	rBV	2197561	3507895	56.02%	13.935%
15	14.199	1851	1857	1864	rBV2	47534	76512	1.22%	0.304%
16	14.757	1945	1952	1962	rBV2	521903	867997	13.86%	3.448%
17	16.244	2198	2205	2221	rBV	1769633	2849151	45.50%	11.318%
18	17.495	2412	2418	2426	rBV2	765980	1175837	18.78%	4.671%
19	20.086	2853	2859	2874	rBV	4595922	6262266	100.00%	24.877%
20	21.373	3074	3078	3085	rBV2	63924	118044	1.89%	0.469%
21	21.767	3138	3145	3154	rBV2	888931	1511290	24.13%	6.004%
22	25.069	3696	3707	3722	rVB	489350	1408460	22.49%	5.595%

Sum of corrected areas: 25173314

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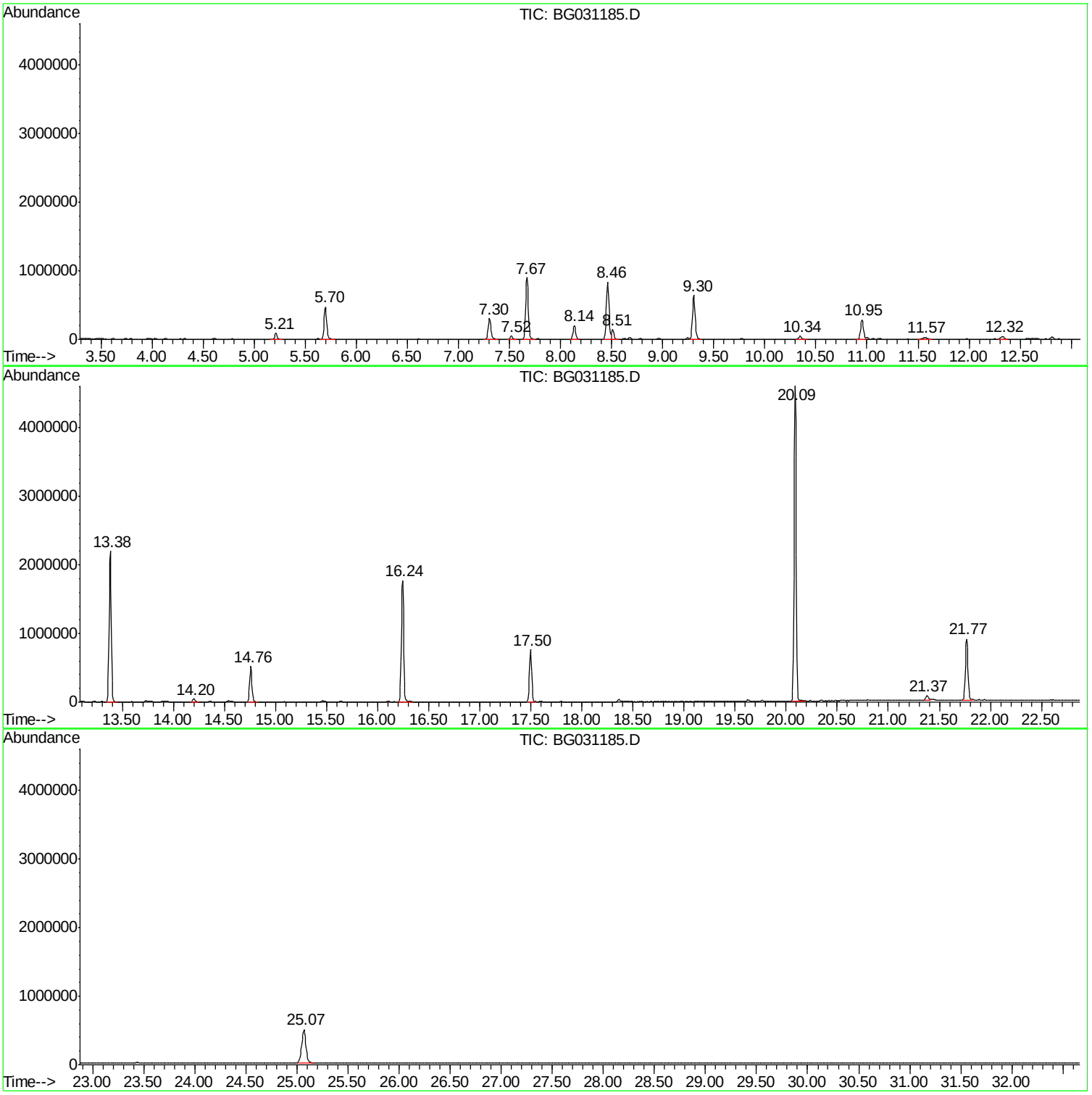
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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:\HPCHEM1\BNA G\DATA\BG112117\
Data File : BG031185.D
Acq On : 22 Nov 2017 12:14
Operator : SJ/JU
Sample : I6536-02
Misc :
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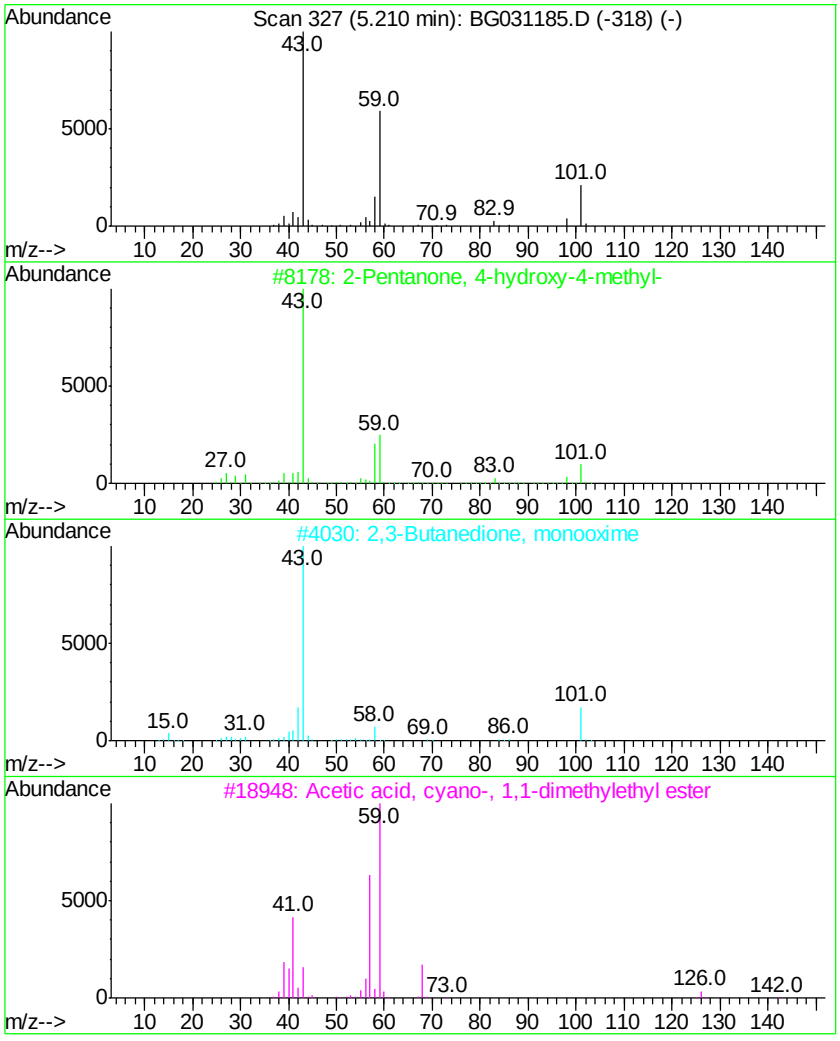
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

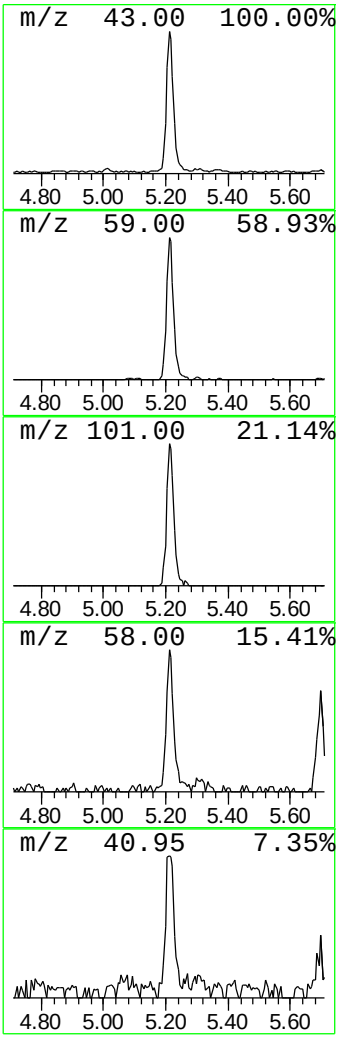
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	8.54 ng	149817	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
Data File : BG031185.D
Acq On : 22 Nov 2017 12:14
Operator : SJ/JU
Sample : I6536-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

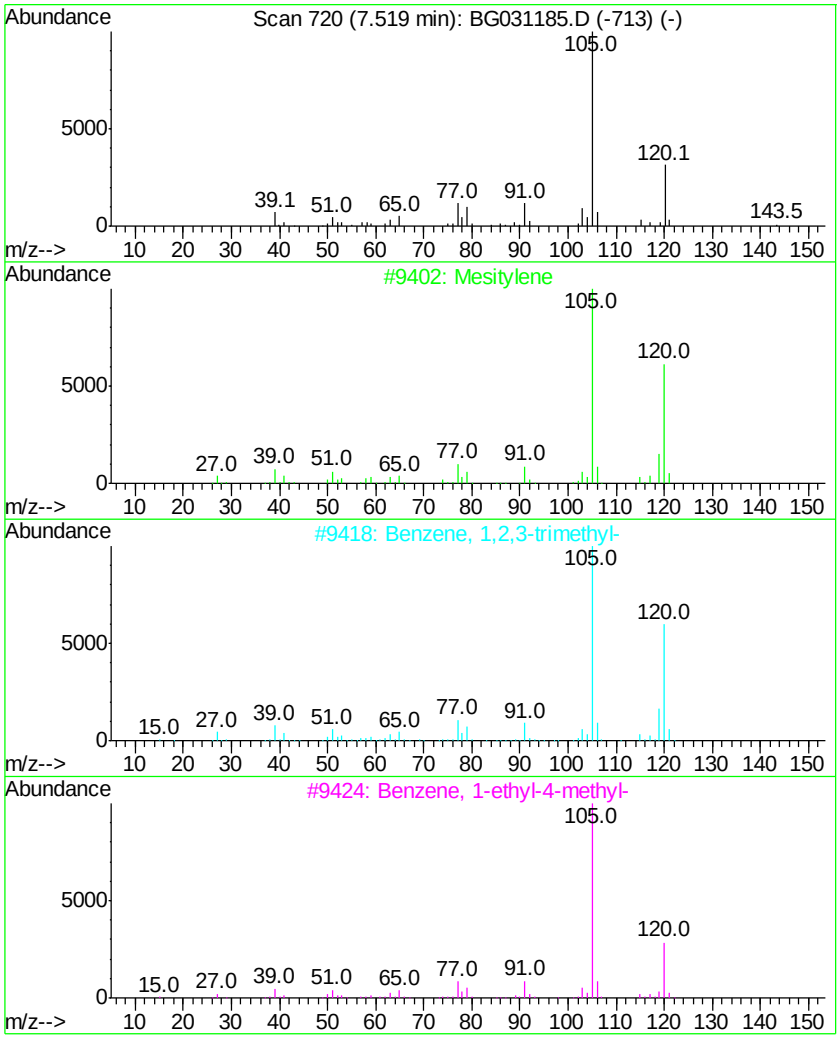
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

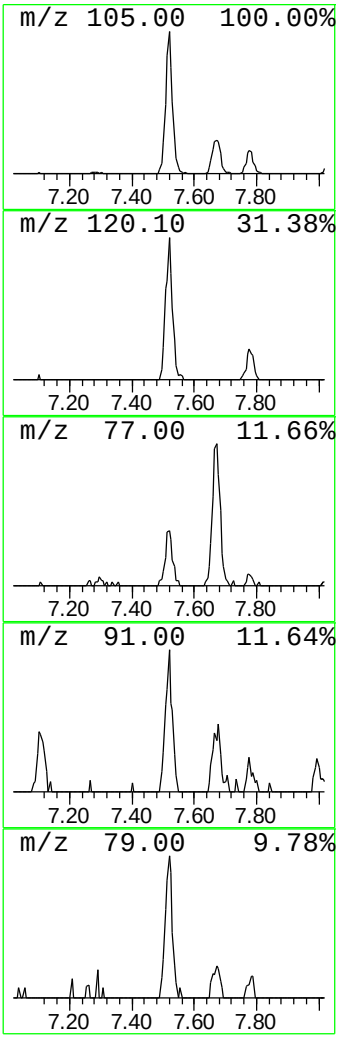
****

Peak Number 2 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	4.74 ng	83129	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Data File : BG031185.D
Acq On : 22 Nov 2017 12:14
Operator : SJ/JU
Sample : I6536-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

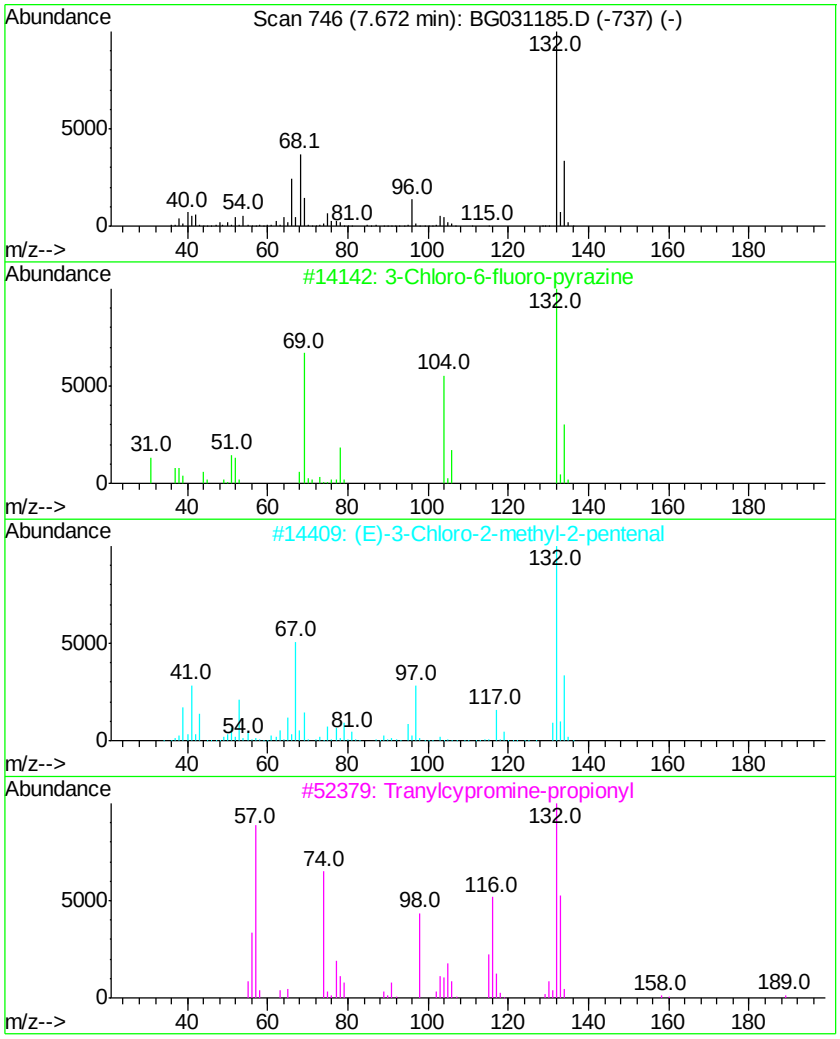
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

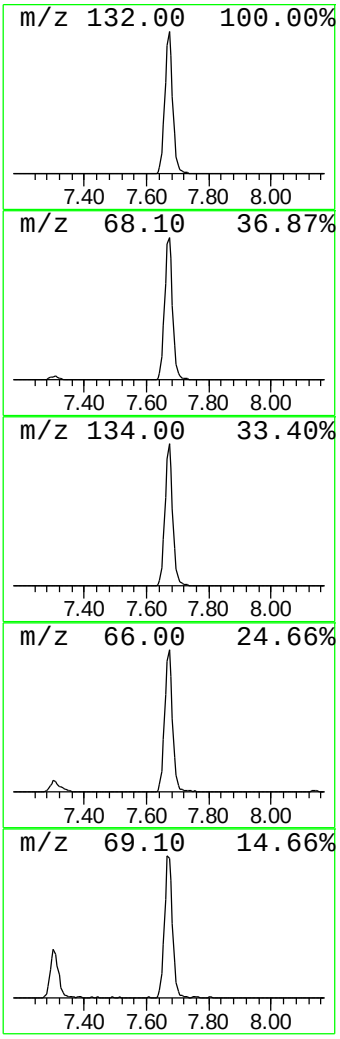
****

Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	91.56 ng	1606840	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Operator : SJ/JU
Sample : I6536-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

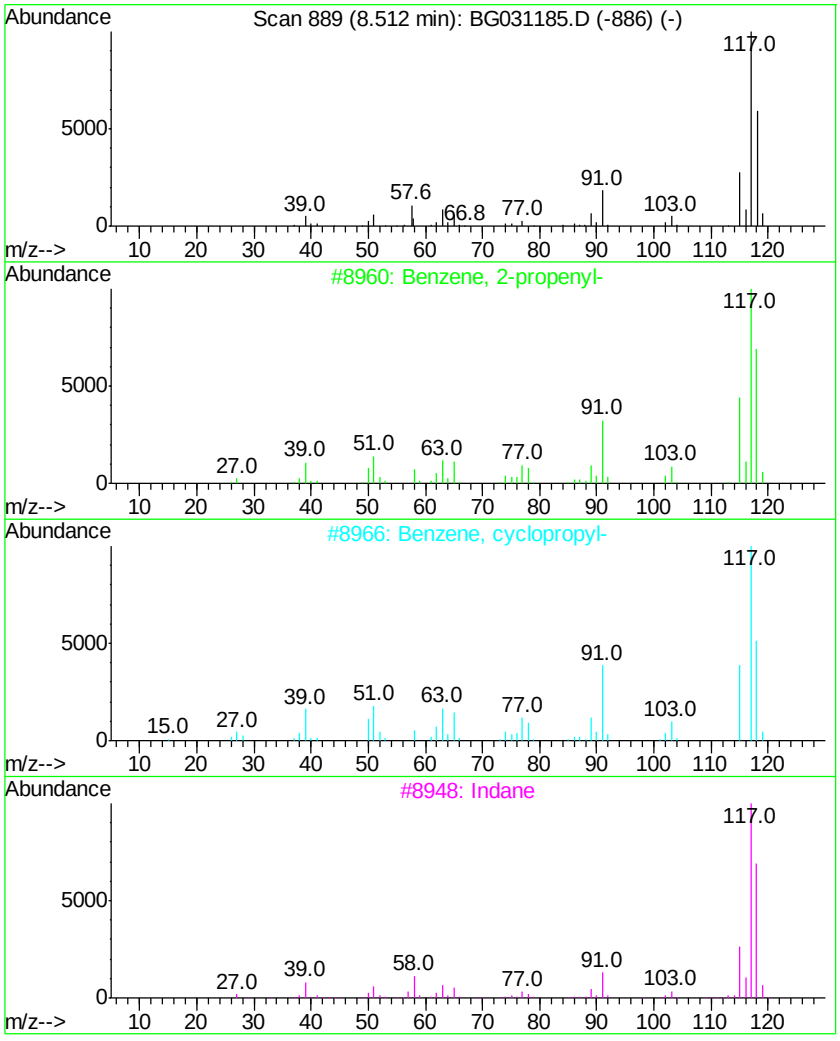
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

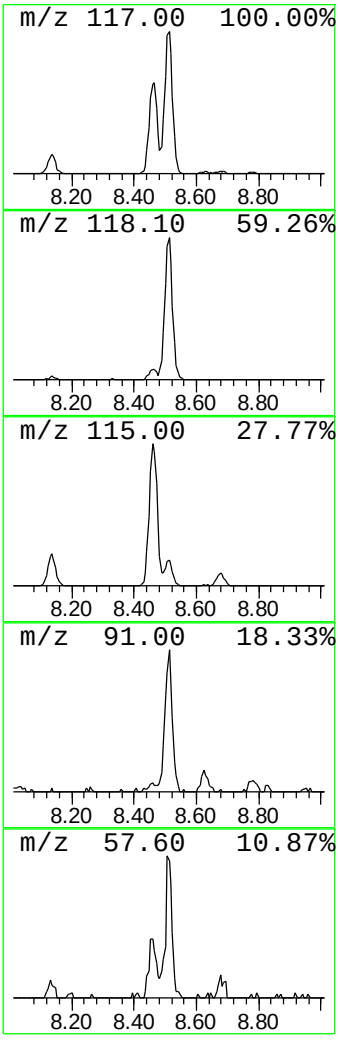
****

Peak Number 5 Benzene, 2-propenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	12.58 ng	220735	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Indane	118	C9H10	000496-11-7	74
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59





Library Search Compound Report

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Acq On : 22 Nov 2017 12:14
Operator : SJ/JU
Sample : I6536-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

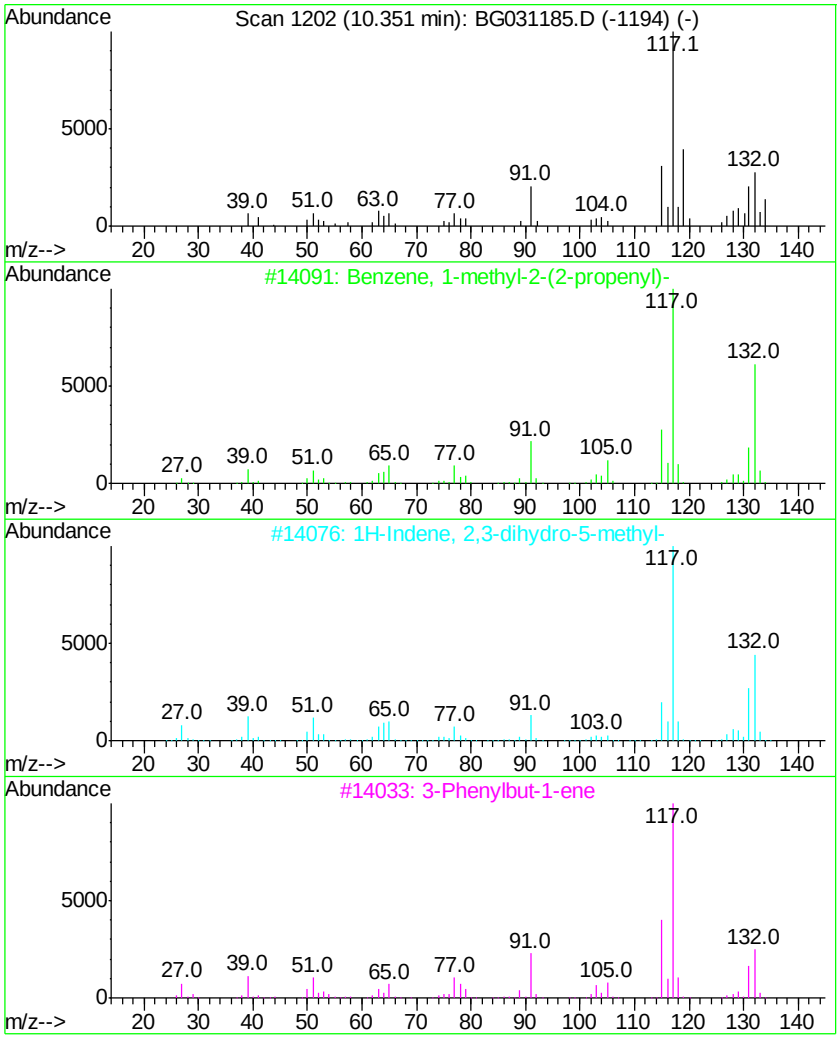
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

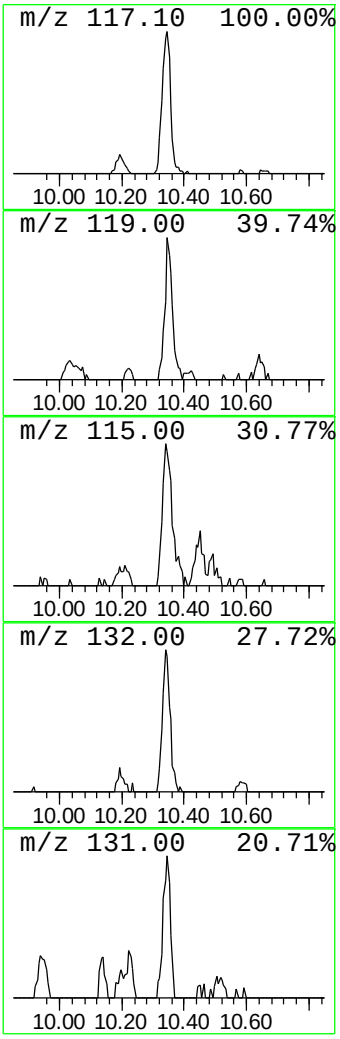
****

Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	3.26 ng	90178	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	68





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Sample : I6536-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

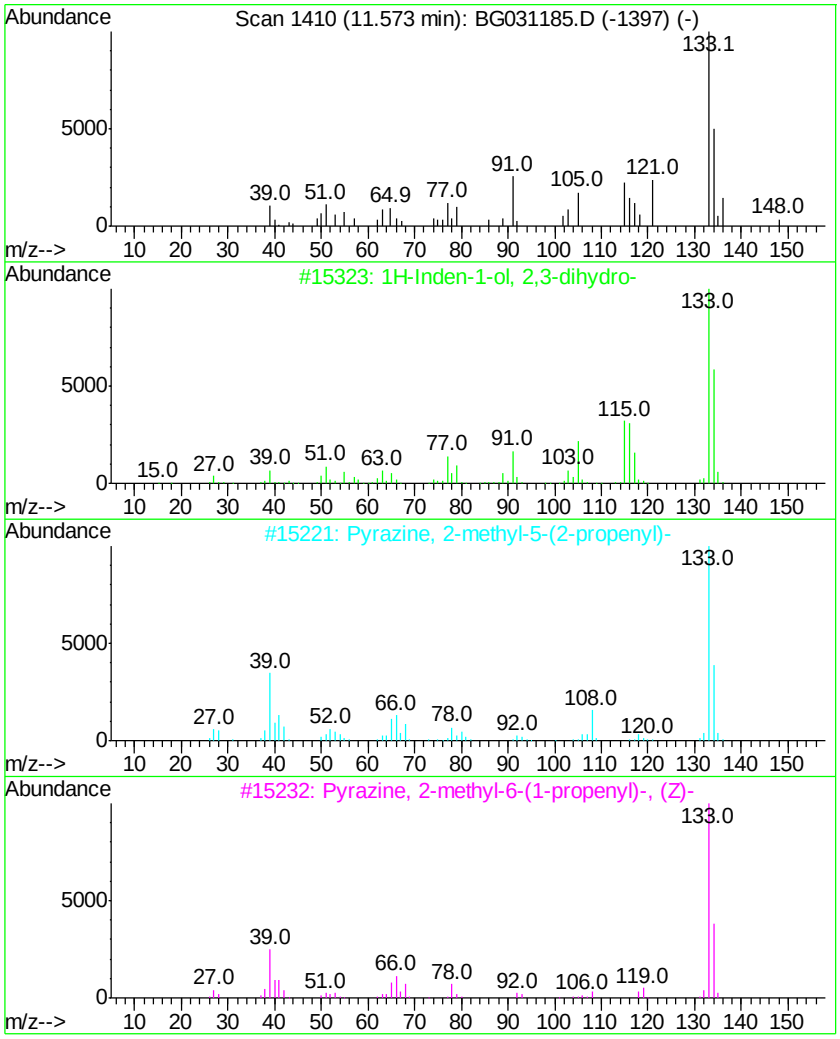
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

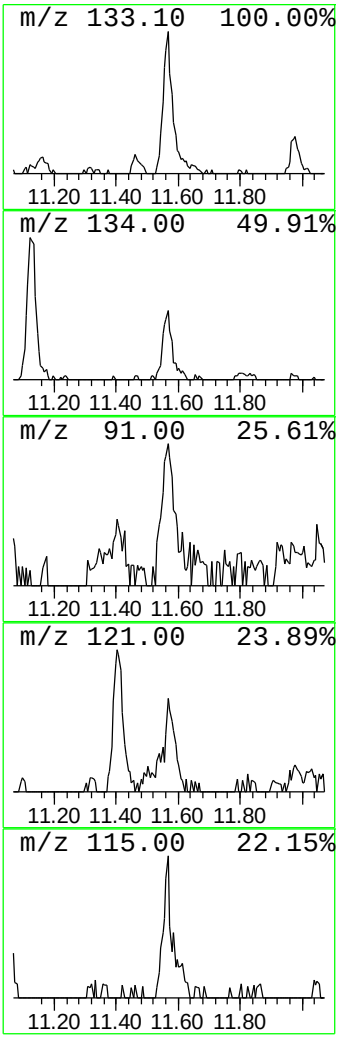
****

Peak Number 7 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.99 ng	82707	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	87
2	Pyrazine, 2-methyl-5-(2-propenyl)-	134	C8H10N2	055138-63-1	49
3	Pyrazine, 2-methyl-6-(1-propenyl...	134	C8H10N2	055138-67-5	49
4	Pyrazine, 2-methyl-6-(1-propenyl...	134	C8H10N2	018217-81-7	49
5	Pyrazine, 2-methyl-5-(1-propenyl...	134	C8H10N2	018217-82-8	47





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

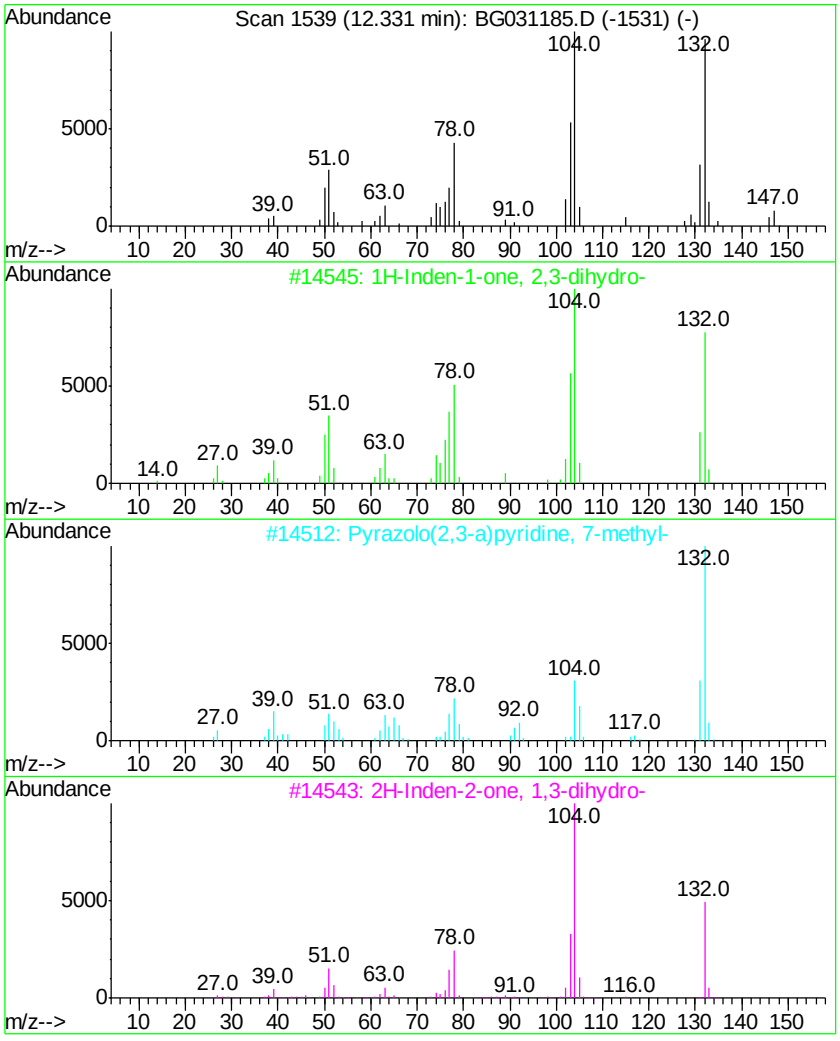
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

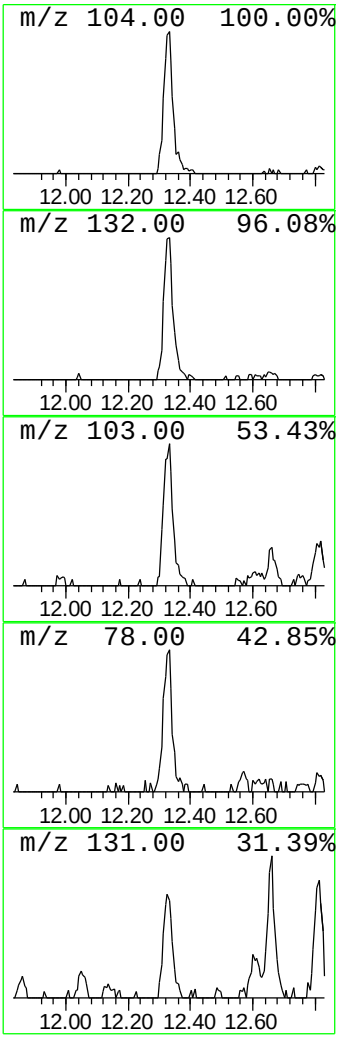
****

Peak Number 8 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.32 ng	91877	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	74
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	64
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	60
5	Styrene	104	C8H8	000100-42-5	60





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.21	8.5	ng	149817	1	8.14	351006	20.0
Mesitylene	7.52	4.7	ng	83129	1	8.14	351006	20.0
unknown7.67	7.67	91.6	ng	1606840	1	8.14	351006	20.0
Benzene, 2-propenyl-	8.51	12.6	ng	220735	1	8.14	351006	20.0
Benzene, 1-methyl...	10.35	3.3	ng	90178	2	10.95	553557	20.0
1H-Inden-1-ol, 2,...	11.57	3.0	ng	82707	2	10.95	553557	20.0
1H-Inden-1-one, 2...	12.33	3.3	ng	91877	2	10.95	553557	20.0