LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031563.D
Acq On : 14 Dec 2017 17:56
Operator : SJ/JU
Sample : PB105021BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105021BL

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-BG121117.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	3.940	105	111	123	rVB	64632	100341	1.73%	0.396%
2	4.562	212	217	228	rVB	51246	86852	1.50%	0.343%
3	5.168	315	320	337	rBV	128093	216330	3.73%	0.854%
4	5.661	397	404	423	rBV	1059148	1858165	32.00%	7.338%
5	7.271	670	678	697	rBV	1055483	1918513	33.04%	7.577%
6	7.635	732	740	755	rBV	1086789	1956826	33.70%	7.728%
7	8.099	812	819	827	rBV	218512	384360	6.62%	1.518%
8	8.423	866	874	885	rBV	871262	1578916	27.19%	6.236%
9	9.269	1010	1018	1033	rBV	579677	1159295	19.97%	4.578%
10	10.914	1291	1298	1308	rBV	253365	527096	9.08%	2.082%
11	13.346	1705	1712	1724	rBV	1911410	3092741	53.27%	12.214%
12	14.727	1940	1947	1960	rBV2	428920	768240	13.23%	3.034%
13	16.213	2193	2200	2217	rBV	1519987	2463178	42.42%	9.728%
14	17.471	2406	2414	2428	rBV2	652147	1112461	19.16%	4.393%
15	20.062	2849	2855	2869	rBV	4319300	5806011	100.00%	22.930%
16	21.460	3087	3093	3098	rBV2	28461	60034	1.03%	0.237%
17	21.736	3133	3140	3154	rBV2	818948	1506946	25.95%	5.951%
18	25.027	3688	3700	3716	rBV3	208665	724656	12.48%	2.862%

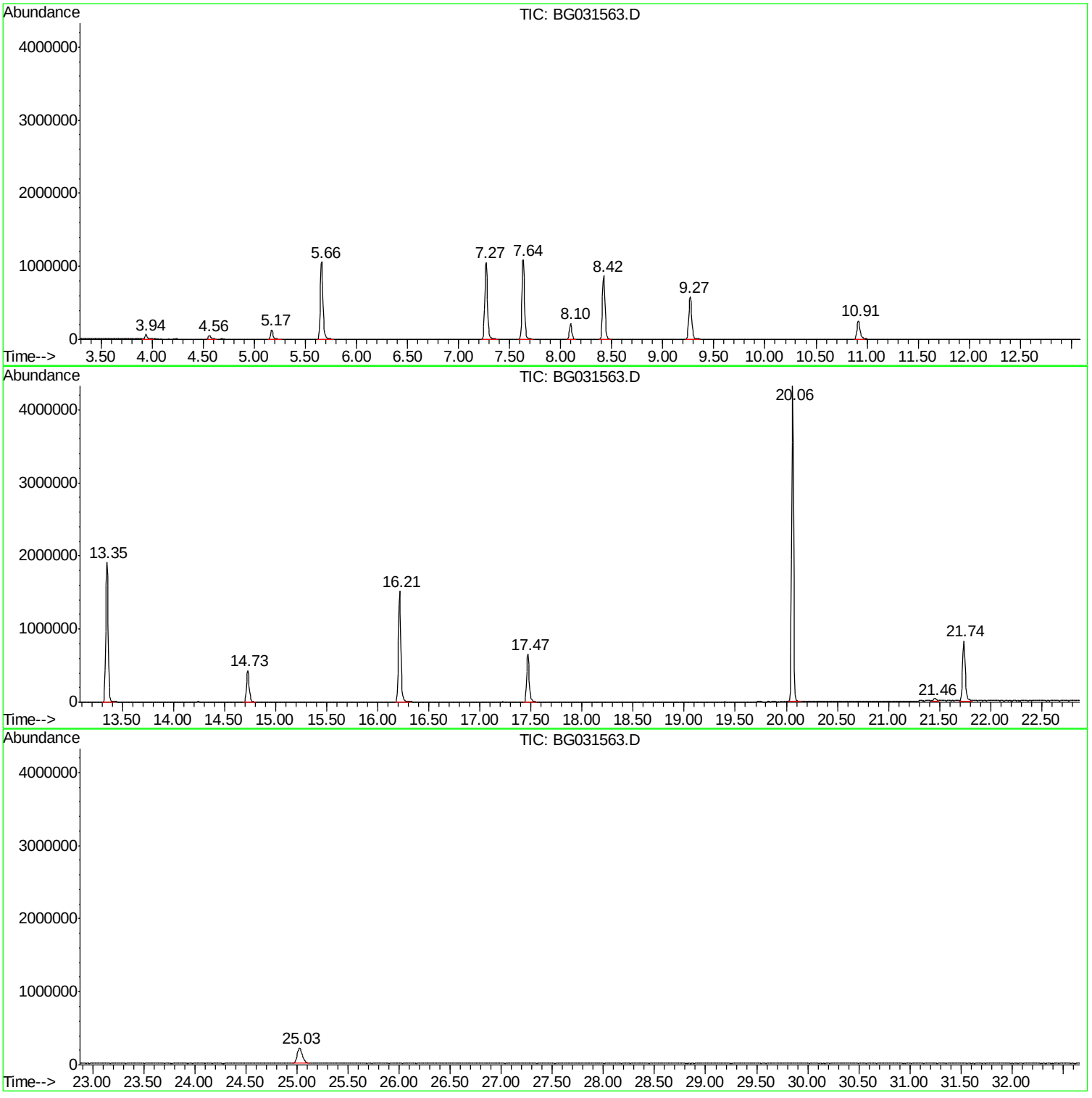
Sum of corrected areas: 25320961

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031563.D
Acq On : 14 Dec 2017 17:56
Operator : SJ/JU
Sample : PB105021BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105021BL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031563.D
Acq On : 14 Dec 2017 17:56
Operator : SJ/JU
Sample : PB105021BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105021BL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

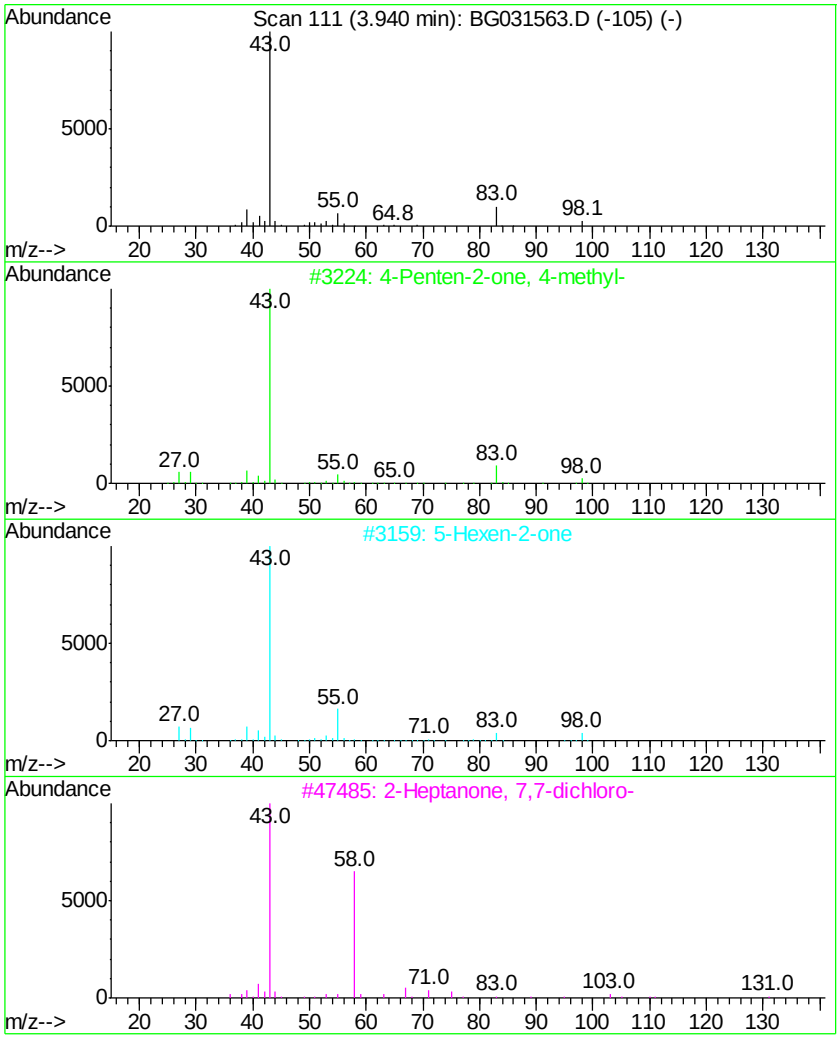
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

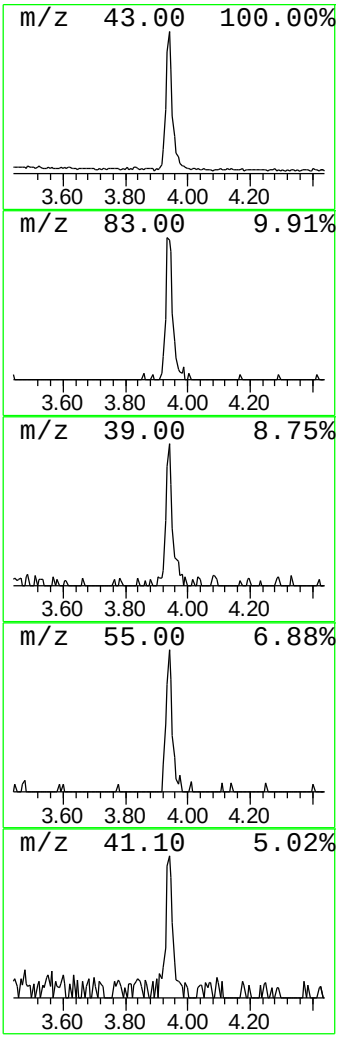
****

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	5.22 ng	100341	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	72
2	5-Hexen-2-one	98	C6H10O	000109-49-9	46
3	2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	066241-43-8	9
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	9
5	2-Vinylethyl acetate	114	C6H10O2	001576-84-7	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031563.D
Acq On : 14 Dec 2017 17:56
Operator : SJ/JU
Sample : PB105021BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105021BL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

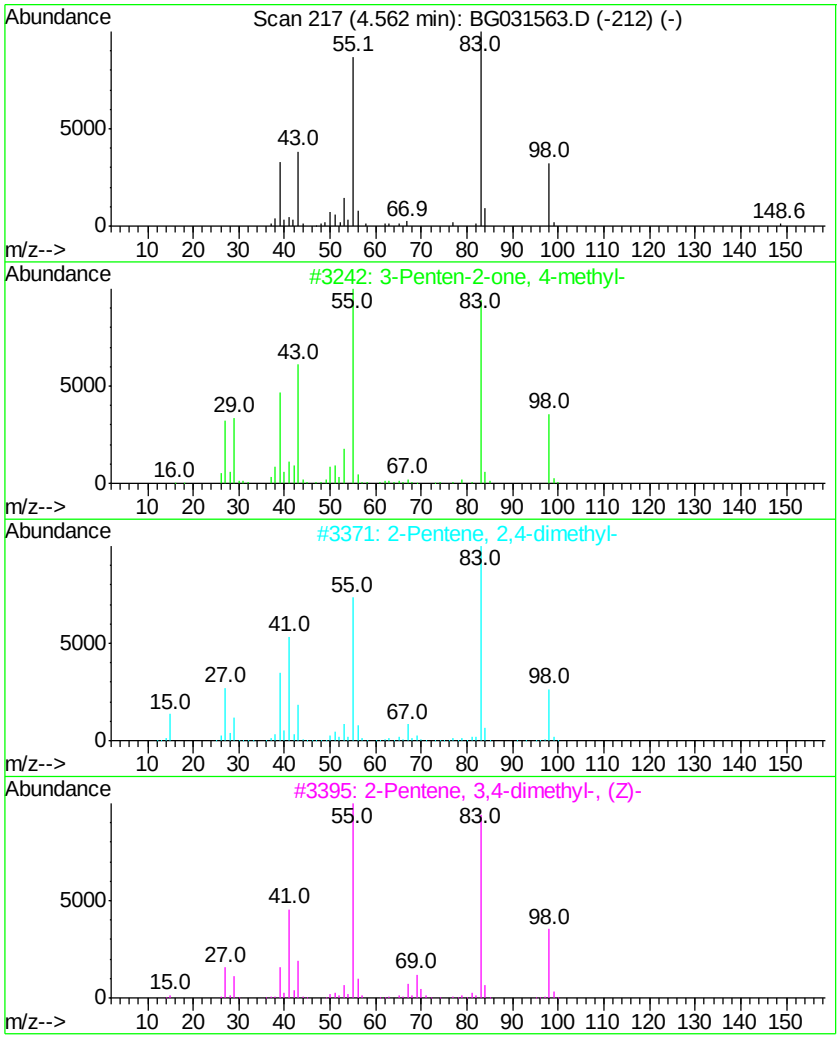
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

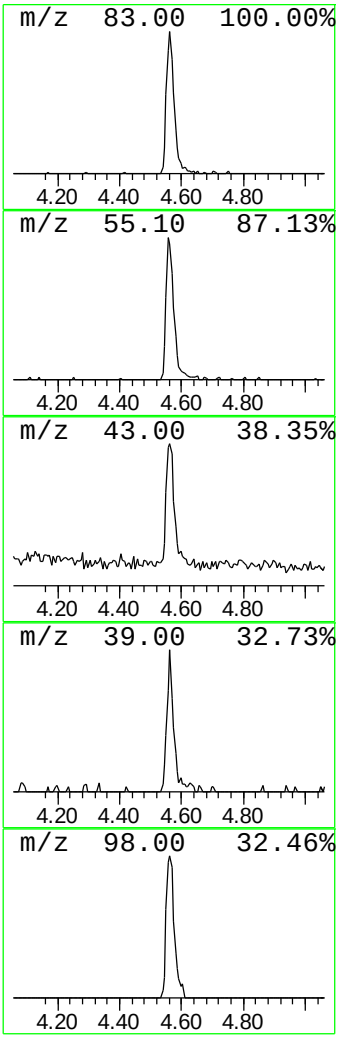
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	4.52 ng	86852	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	90
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	86
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031563.D
Acq On : 14 Dec 2017 17:56
Operator : SJ/JU
Sample : PB105021BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105021BL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

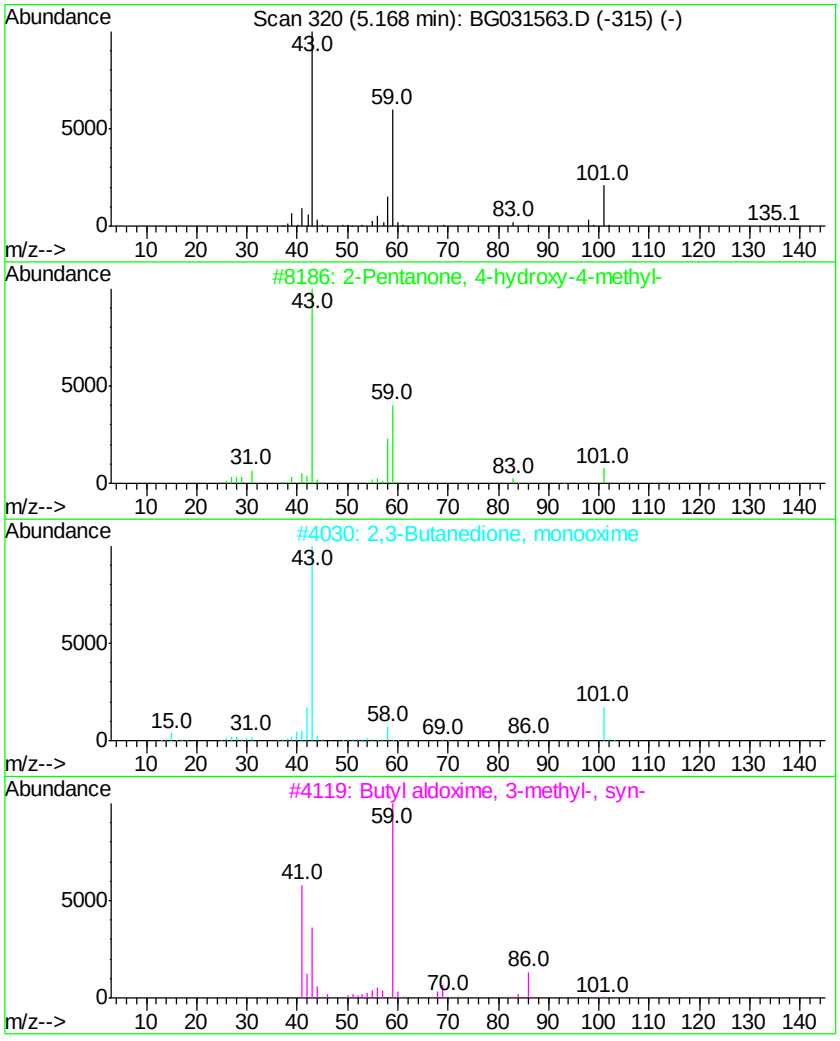
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

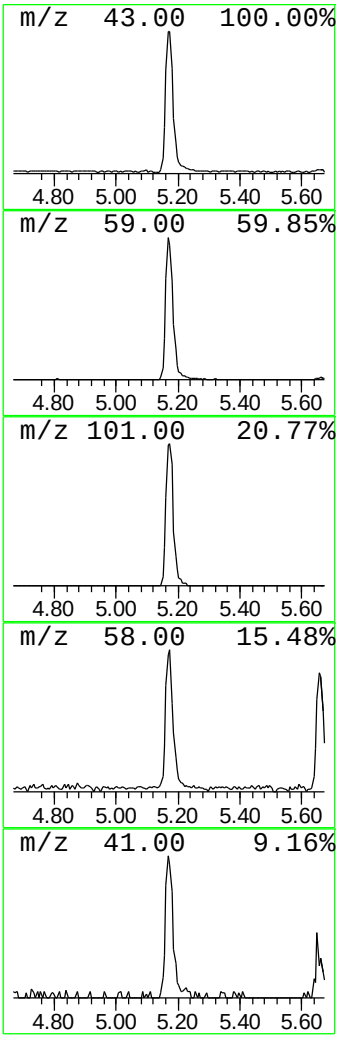
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	11.26 ng	216330	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
4	2-Pentanone	86	C5H10O	000107-87-9	9
5	Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031563.D
Acq On : 14 Dec 2017 17:56
Operator : SJ/JU
Sample : PB105021BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105021BL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

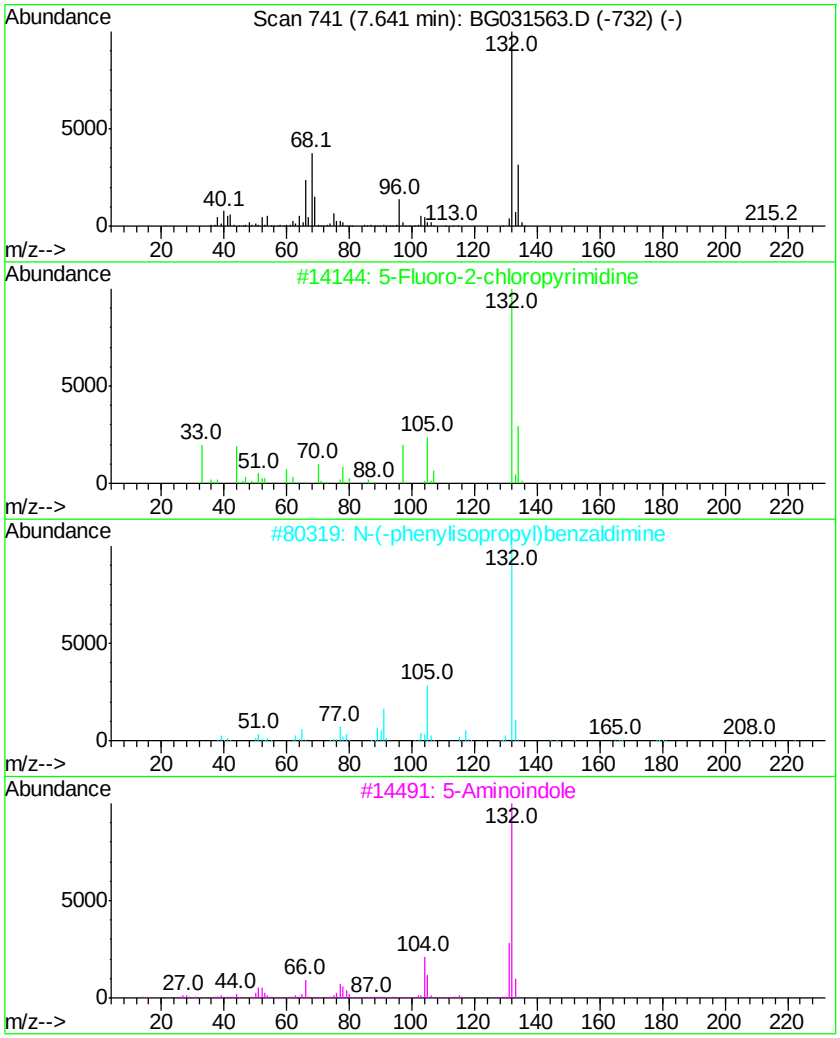
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

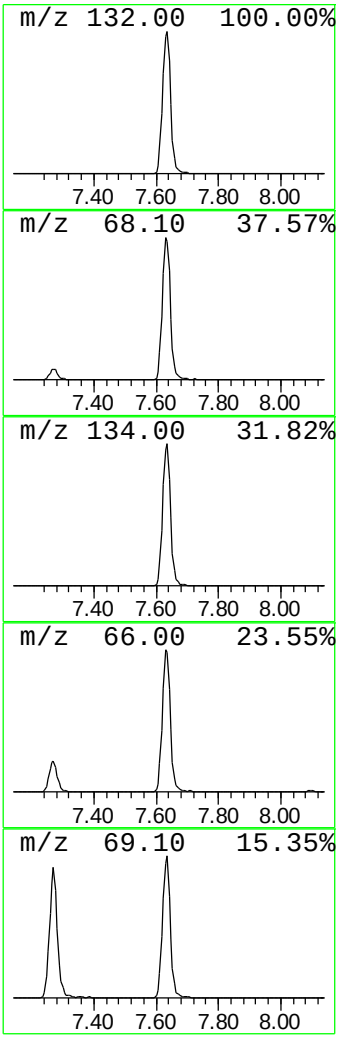
****

Peak Number 4 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	101.82 ng	1956830	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
2	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG121417\
Data File : BG031563.D
Acq On : 14 Dec 2017 17:56
Operator : SJ/JU
Sample : PB105021BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105021BL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.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
4-Penten-2-one, 4...	3.94	5.2	ng	100341	1	8.10	384360	20.0
3-Penten-2-one, 4...	4.56	4.5	ng	86852	1	8.10	384360	20.0
2-Pentanone, 4-hy...	5.17	11.3	ng	216330	1	8.10	384360	20.0
unknown7.64	7.64	101.8	ng	1956830	1	8.10	384360	20.0