LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017210.D
Acq On : 19 May 2015 22:09
Operator : TP/IZ
Sample : G2282-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-03-D1

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-BG051315.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	2.781	11	16	22	rVB	67898	113231	2.89%	0.616%
2	2.875	28	32	38	rVB	311369	426809	10.90%	2.322%
3	3.592	150	154	161	rVB	92096	108320	2.77%	0.589%
4	4.197	252	257	264	rBV	281161	375686	9.60%	2.044%
5	4.802	356	360	367	rVB	132548	182878	4.67%	0.995%
6	5.290	437	443	453	rBV	924434	1278789	32.67%	6.956%
7	6.894	710	716	730	rVB	862041	1315735	33.61%	7.157%
8	7.235	767	774	782	rBV	943967	1462494	37.36%	7.955%
9	7.693	845	852	859	rVB	176270	261912	6.69%	1.425%
10	8.016	899	907	915	rBV	639653	1031935	26.36%	5.613%
11	8.857	1042	1050	1057	rBV	572558	928672	23.72%	5.052%
12	10.490	1321	1328	1335	rVB	200998	341453	8.72%	1.857%
13	12.969	1742	1750	1757	rBV	1349042	1917095	48.98%	10.428%
14	13.874	1900	1904	1910	rVB4	29636	42772	1.09%	0.233%
15	14.350	1979	1985	1992	rBV2	295310	454172	11.60%	2.470%
16	15.848	2233	2240	2251	rBV	1384960	1983638	50.68%	10.790%
17	17.100	2447	2453	2460	rBV2	479479	656869	16.78%	3.573%
18	18.005	2598	2607	2615	rBV	110652	180589	4.61%	0.982%
19	19.285	2821	2825	2835	rBV3	80488	131857	3.37%	0.717%
20	19.738	2896	2902	2908	rBV	3107748	3914330	100.00%	21.292%
21	21.283	3160	3165	3171	rBV	594787	787050	20.11%	4.281%
22	23.551	3544	3551	3557	rBV2	243485	487736	12.46%	2.653%

Sum of corrected areas: 18384022

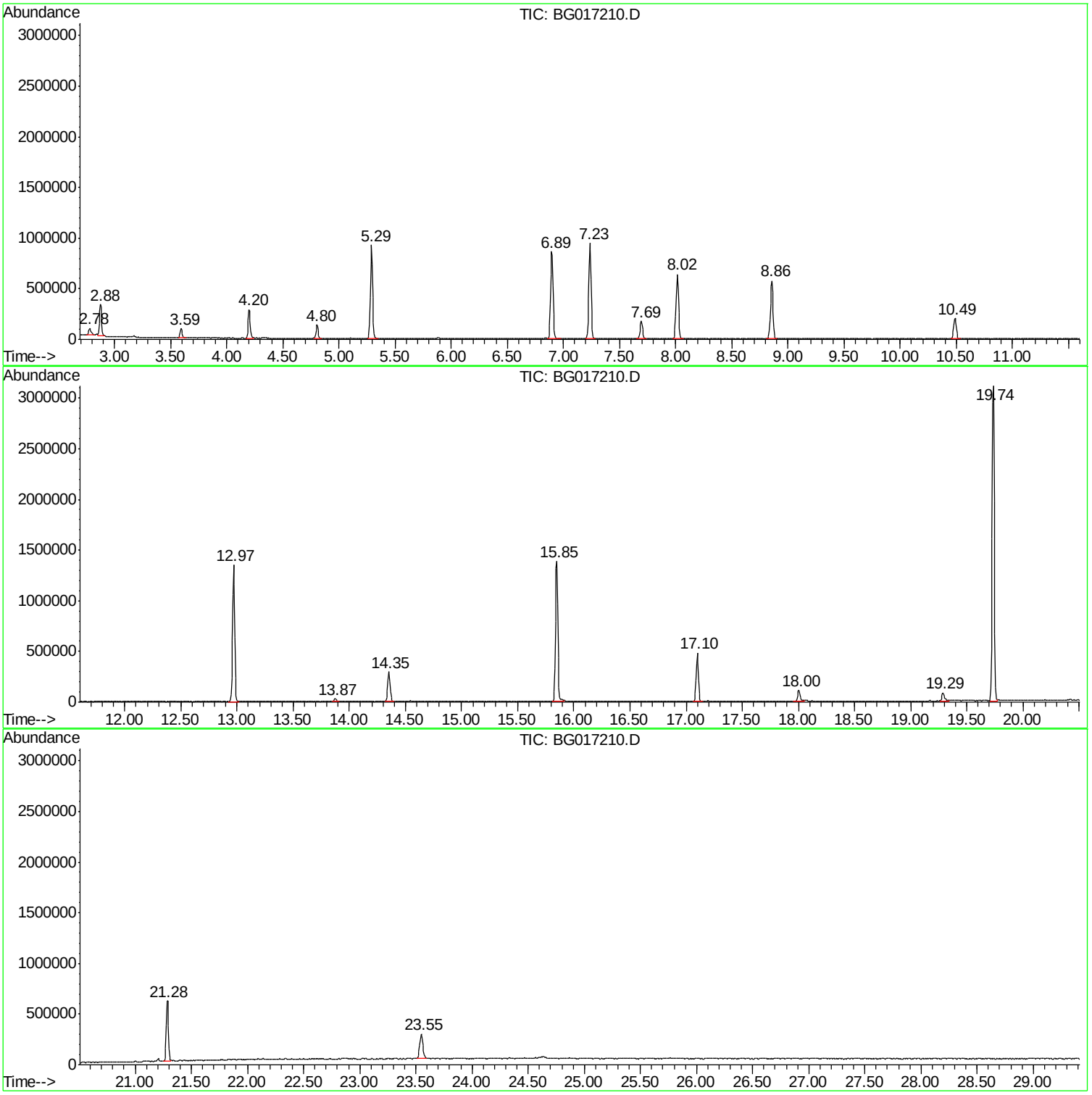
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017210.D
Acq On : 19 May 2015 22:09
Operator : TP/IZ
Sample : G2282-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-03-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017210.D
Acq On : 19 May 2015 22:09
Operator : TP/IZ
Sample : G2282-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-03-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

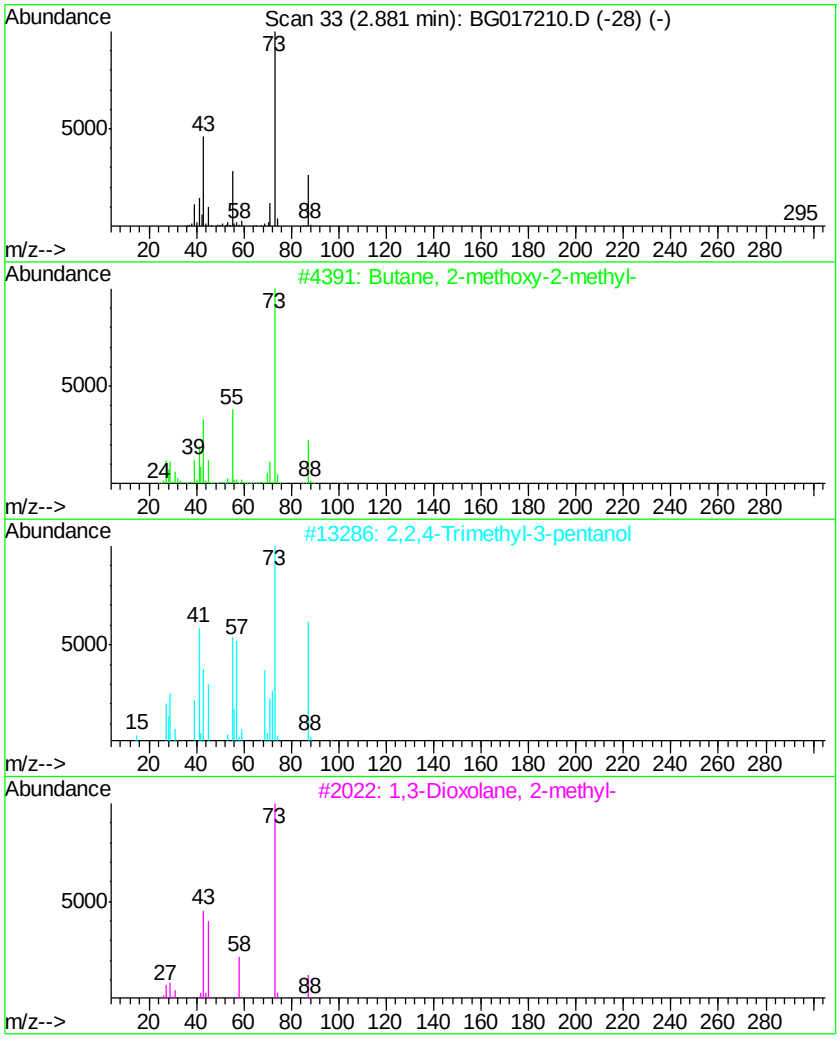
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

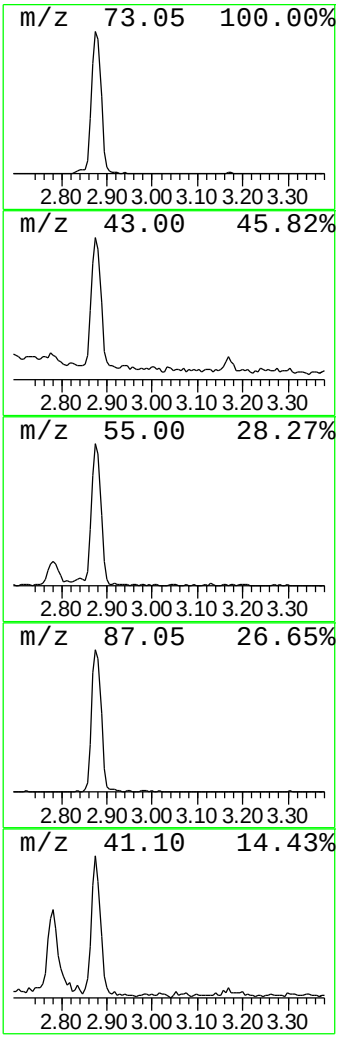
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	32.59 ng	426809	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017210.D
Acq On : 19 May 2015 22:09
Operator : TP/IZ
Sample : G2282-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-03-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

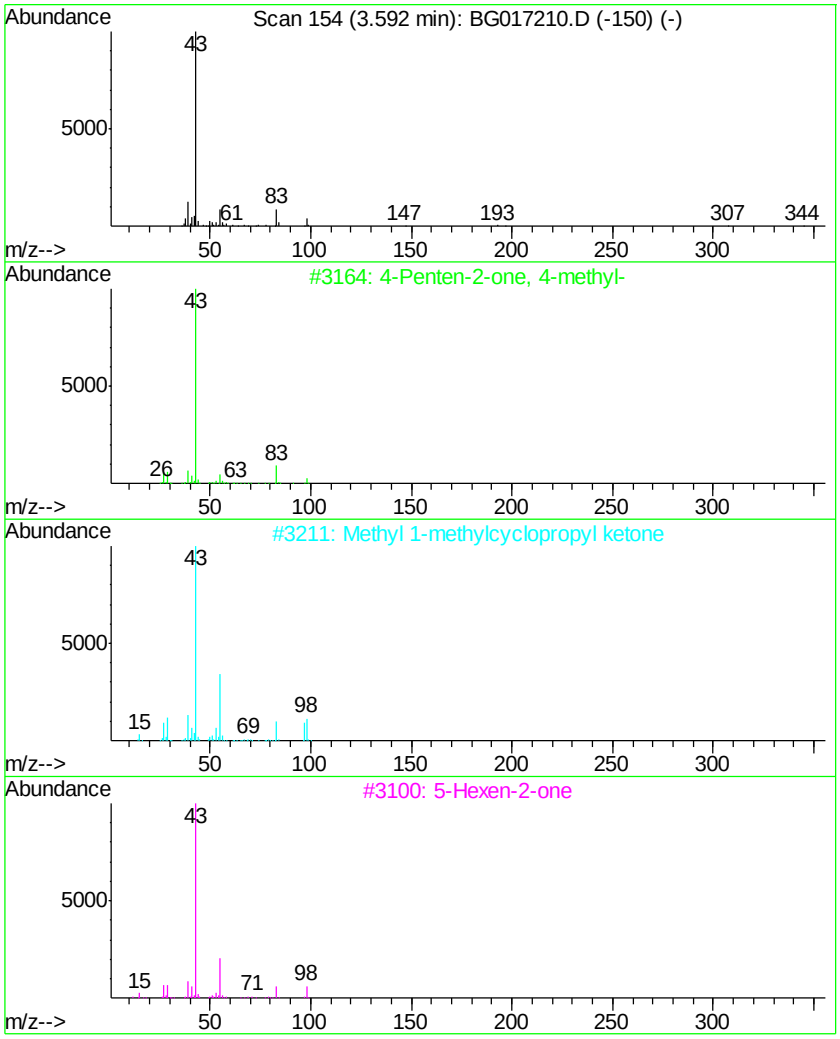
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

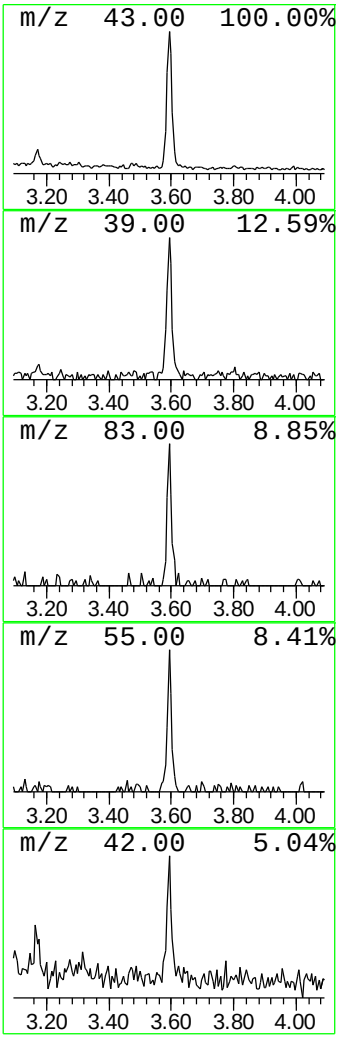
****

Peak Number 3 4-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	8.27 ng	108320	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	58
2	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	52
3	5-Hexen-2-one	98	C6H10O	000109-49-9	43
4	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	38
5	2-Hexanone, 6-bromo-	178	C6H11BrO	010226-29-6	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017210.D
Acq On : 19 May 2015 22:09
Operator : TP/IZ
Sample : G2282-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-03-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

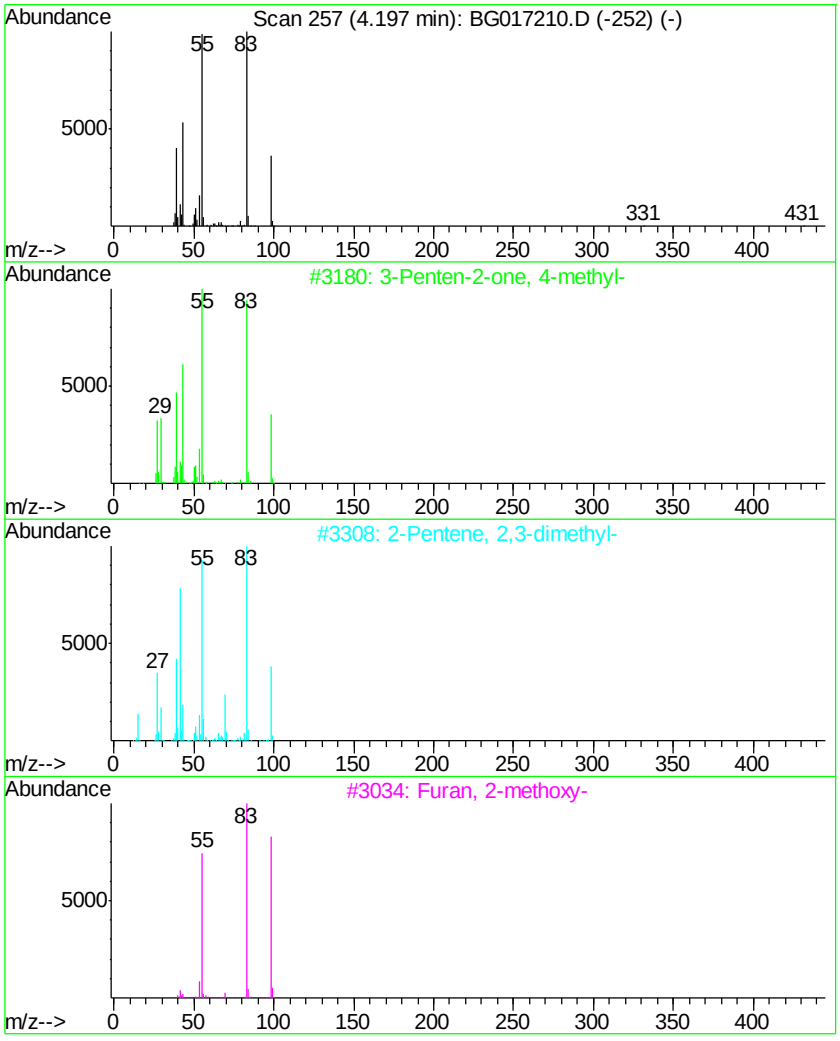
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

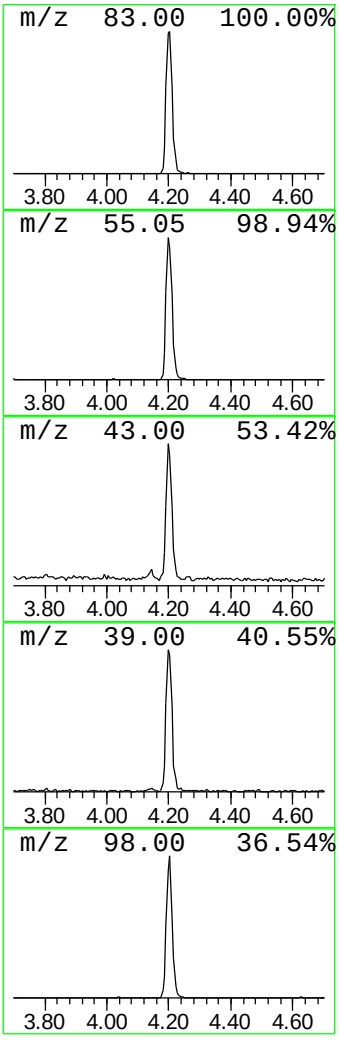
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	28.69 ng	375686	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	86
3	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78
4	3-Hexen-2-one	98	C6H10O	000763-93-9	64
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017210.D
Acq On : 19 May 2015 22:09
Operator : TP/IZ
Sample : G2282-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-03-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

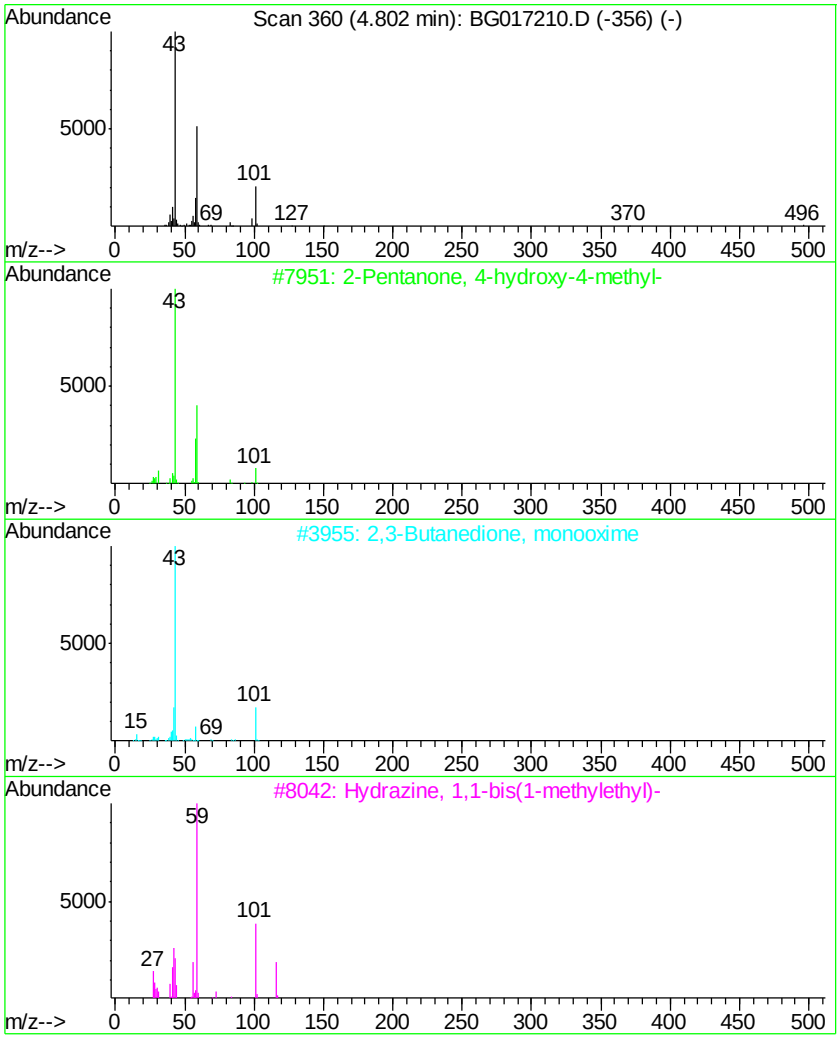
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

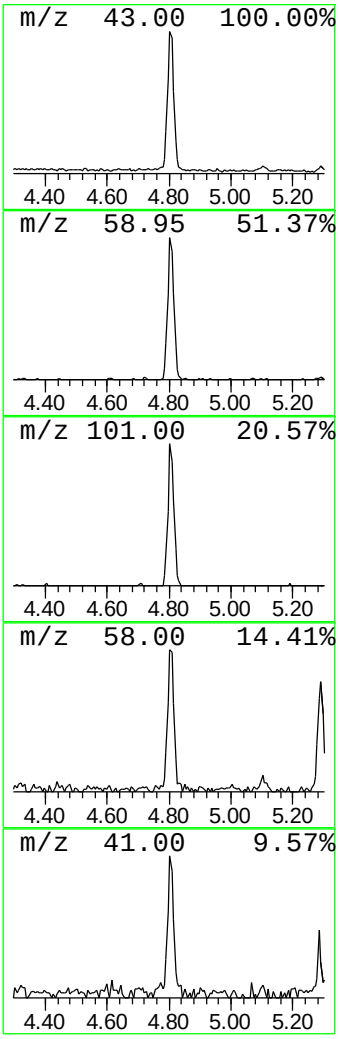
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	13.96 ng	182878	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	16
5	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017210.D
Acq On : 19 May 2015 22:09
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Sample : G2282-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-03-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

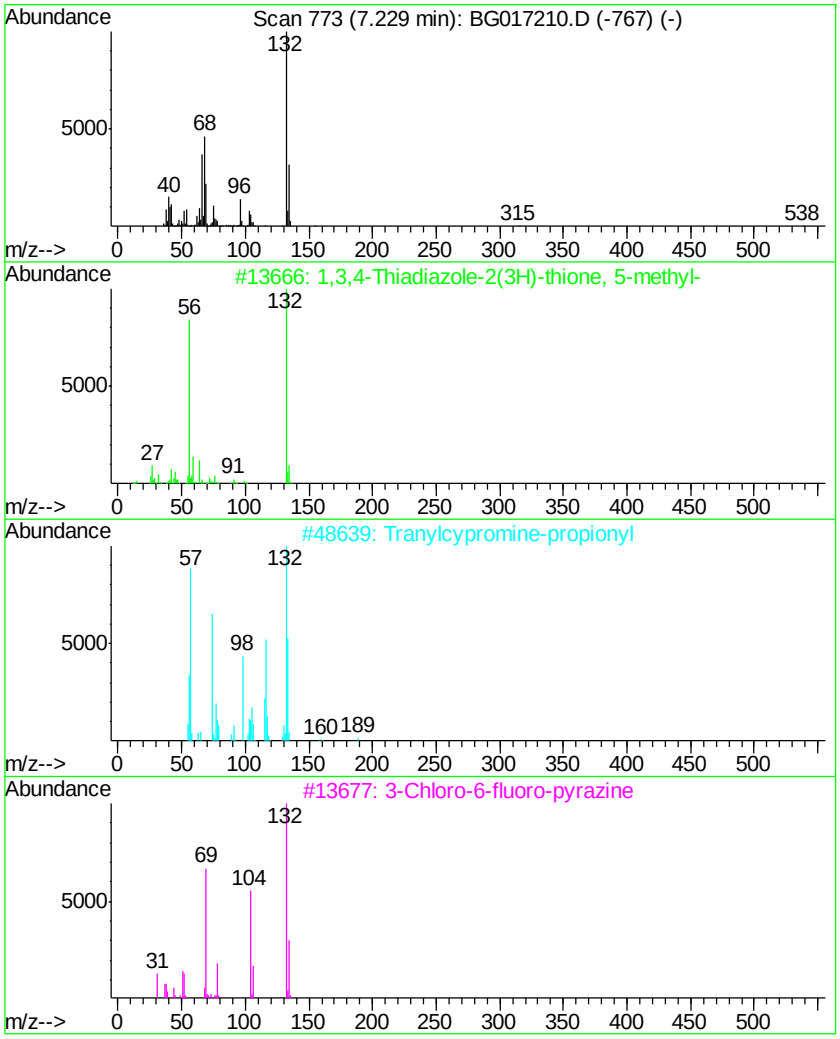
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

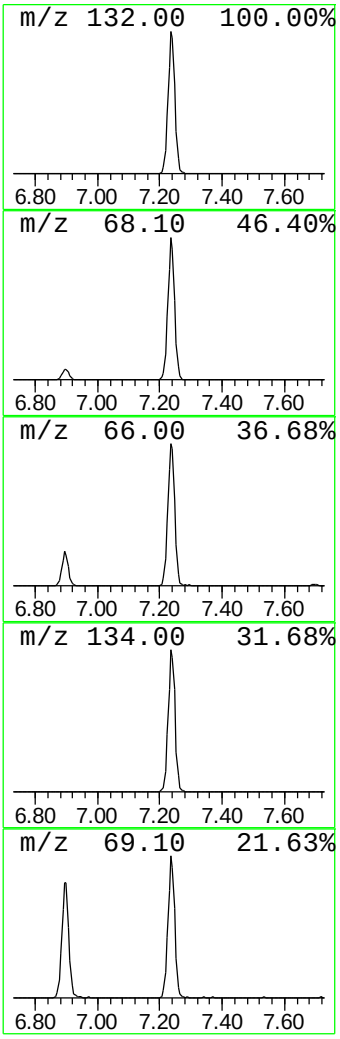
****

Peak Number 6 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	111.68 ng	1462490	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	22
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	16
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13





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Sample : G2282-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-03-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

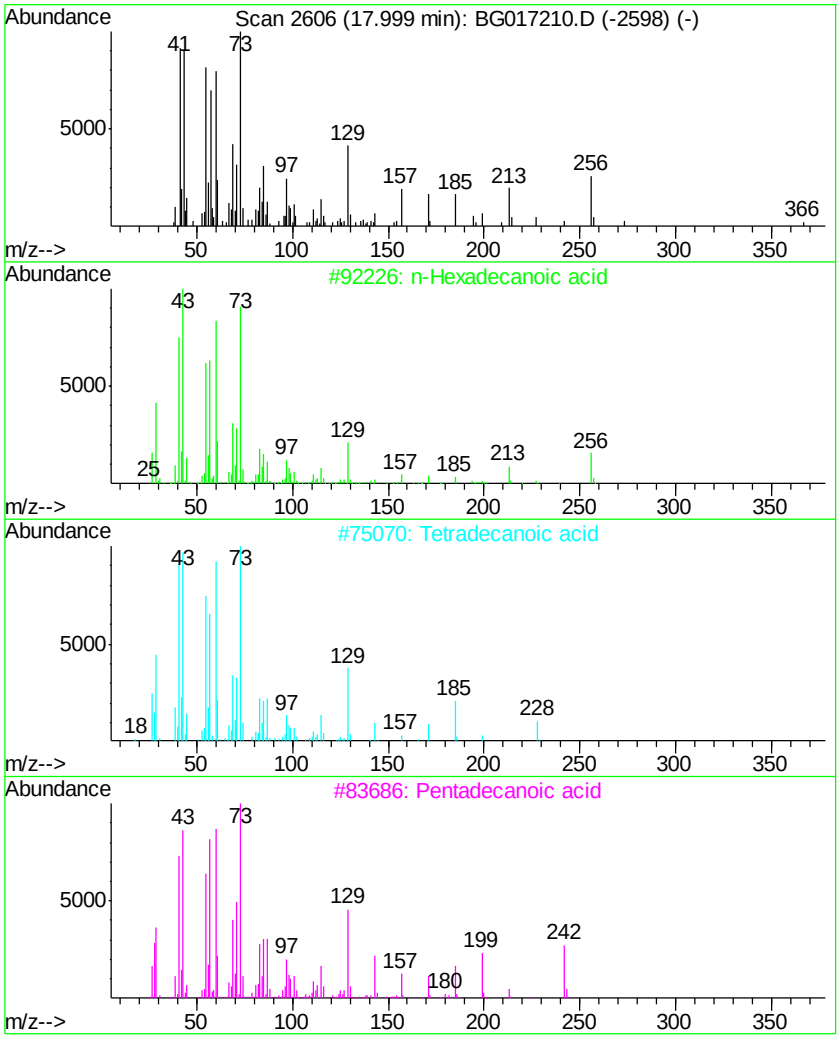
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

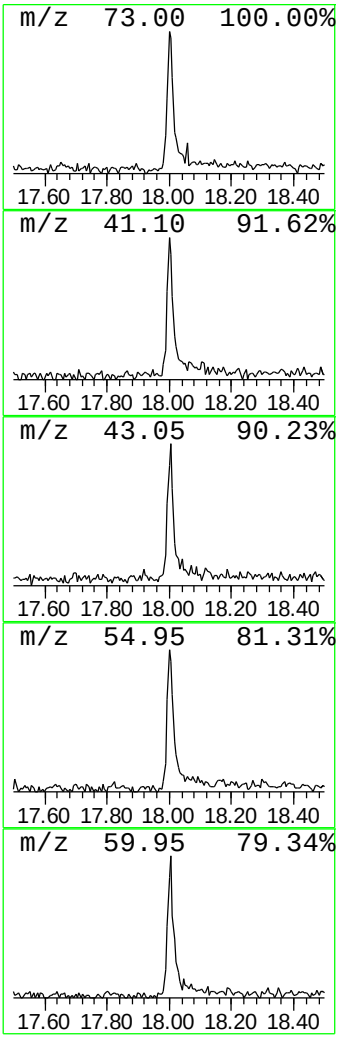
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	5.50 ng	180589	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Heptanoic acid	130	C7H14O2	000111-14-8	27





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Acq On : 19 May 2015 22:09
Operator : TP/IZ
Sample : G2282-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-03-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

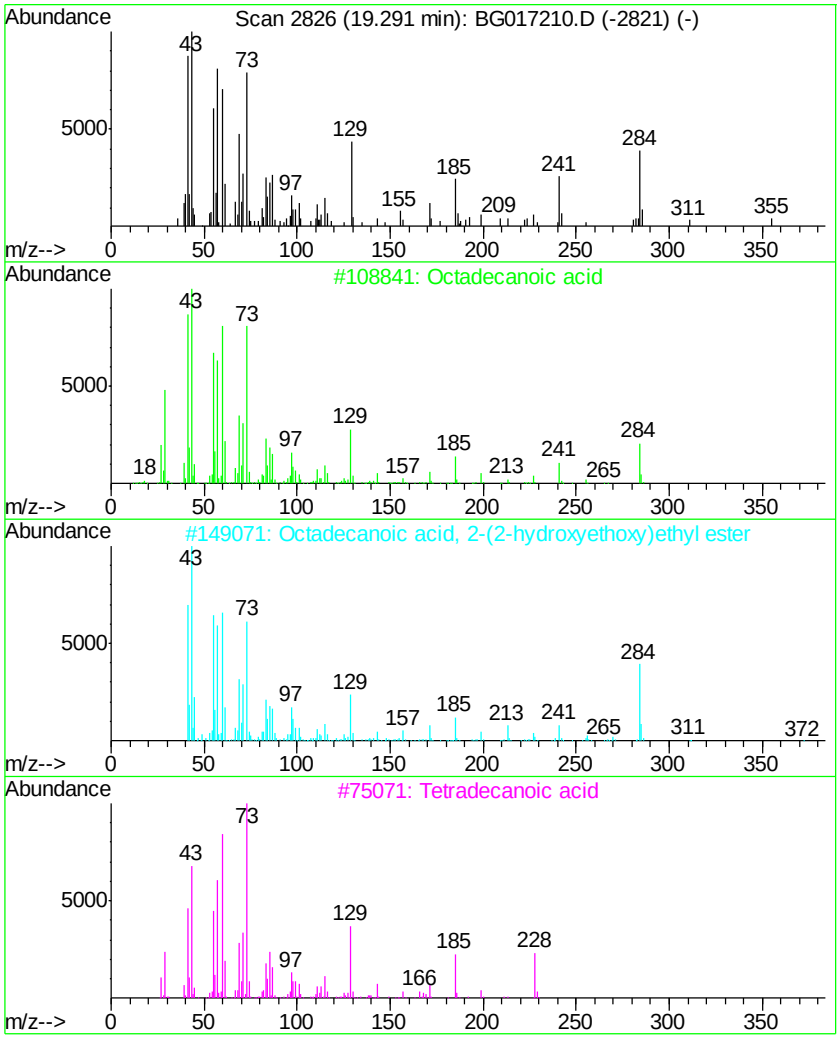
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

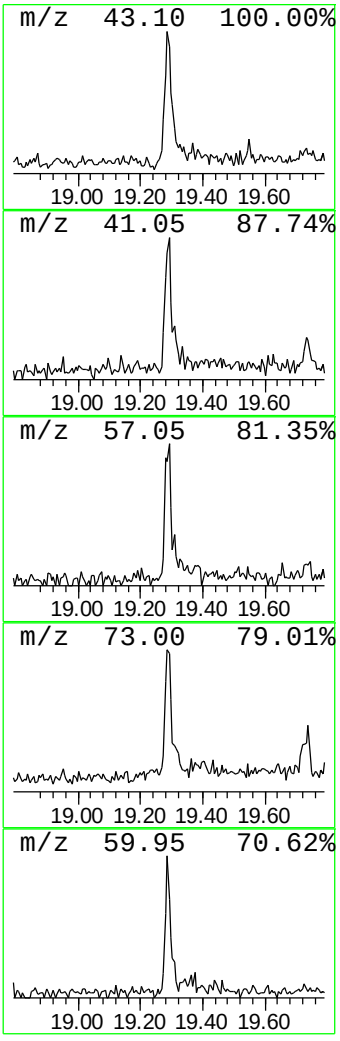
****

Peak Number 9 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	3.35 ng	131857	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017210.D
Acq On : 19 May 2015 22:09
Operator : TP/IZ
Sample : G2282-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-03-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.88	32.6	ng	426809	1	7.69	261912	20.0
4-Penten-2-one, 4...	3.59	8.3	ng	108320	1	7.69	261912	20.0
3-Penten-2-one, 4...	4.20	28.7	ng	375686	1	7.69	261912	20.0
2-Pentanone, 4-hy...	4.80	14.0	ng	182878	1	7.69	261912	20.0
unknown7.23	7.23	111.7	ng	1462490	1	7.69	261912	20.0
n-Hexadecanoic acid	18.00	5.5	ng	180589	4	17.10	656869	20.0
Octadecanoic acid	19.29	3.4	ng	131857	5	21.28	787050	20.0