LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021063.D
Acq On : 24 Feb 2016 22:31
Operator : UM/SJ
Sample : H1521-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2+20(0-2)

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-BG022316.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	3.051	31	36	53	rBB	164792	235551	91.23%	11.579%
2	3.198	56	61	68	rBB2	4390	7696	2.98%	0.378%
3	5.283	410	416	423	rBV	23361	36078	13.97%	1.774%
4	5.783	494	501	509	rBB	87215	137045	53.08%	6.737%
5	7.410	770	778	786	rBB	102225	173449	67.17%	8.527%
6	7.751	830	836	844	rBB	101009	171383	66.37%	8.425%
7	8.203	908	913	919	rBB	16885	26570	10.29%	1.306%
8	8.532	963	969	976	rBB	74278	123715	47.91%	6.082%
9	9.390	1108	1115	1123	rBB	67560	116367	45.07%	5.720%
10	9.513	1132	1136	1140	rBB2	2625	3843	1.49%	0.189%
11	11.028	1387	1394	1401	rBB	27806	48896	18.94%	2.404%
12	13.443	1799	1805	1812	rBB	161367	239418	92.72%	11.770%
13	14.271	1937	1946	1953	rBB	28992	41647	16.13%	2.047%
14	14.665	2008	2013	2017	rBB	5652	7386	2.86%	0.363%
15	14.817	2034	2039	2046	rBB2	37148	58206	22.54%	2.861%
16	15.611	2170	2174	2178	rVB	8310	9232	3.58%	0.454%
17	16.010	2236	2242	2247	rBB2	2179	4343	1.68%	0.213%
18	16.310	2287	2293	2298	rBB	380015	258206	100.00%	12.693%
19	16.468	2314	2320	2331	rBV2	7311	14139	5.48%	0.695%
20	17.255	2450	2454	2459	rBB	4224	5129	1.99%	0.252%
21	17.555	2500	2505	2511	rBV2	35967	52720	20.42%	2.592%
22	20.140	2939	2945	2949	rBV	161388	194269	75.24%	9.550%
23	21.409	3157	3161	3169	rVB6	5374	8989	3.48%	0.442%
24	21.826	3227	3232	3239	rVB	26660	42481	16.45%	2.088%
25	25.151	3791	3798	3799	rBV7	9903	17455	6.76%	0.858%

Sum of corrected areas: 2034213

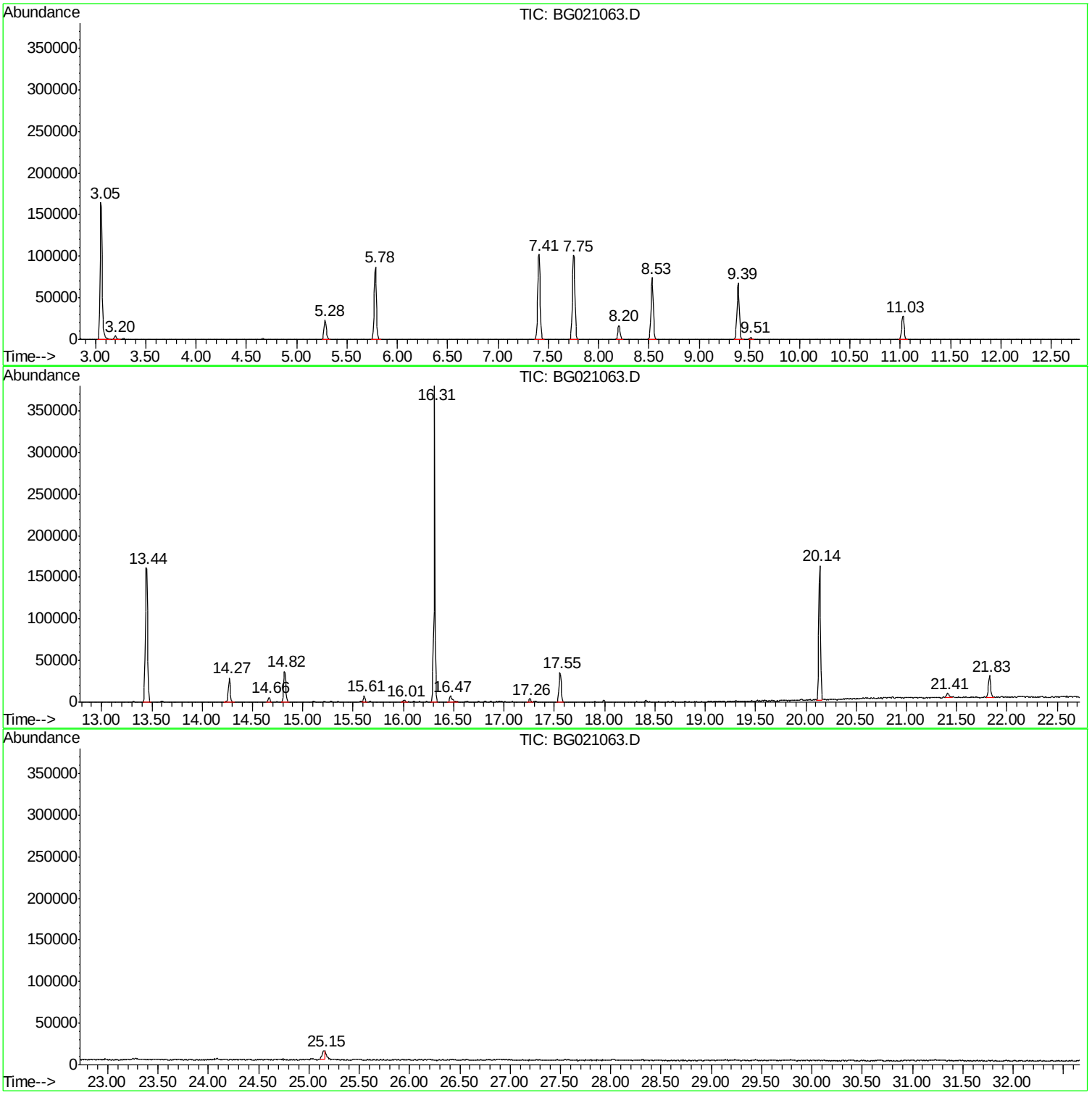
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021063.D
Acq On : 24 Feb 2016 22:31
Operator : UM/SJ
Sample : H1521-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2+20(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.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\BG022416\
Data File : BG021063.D
Acq On : 24 Feb 2016 22:31
Operator : UM/SJ
Sample : H1521-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2+20(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

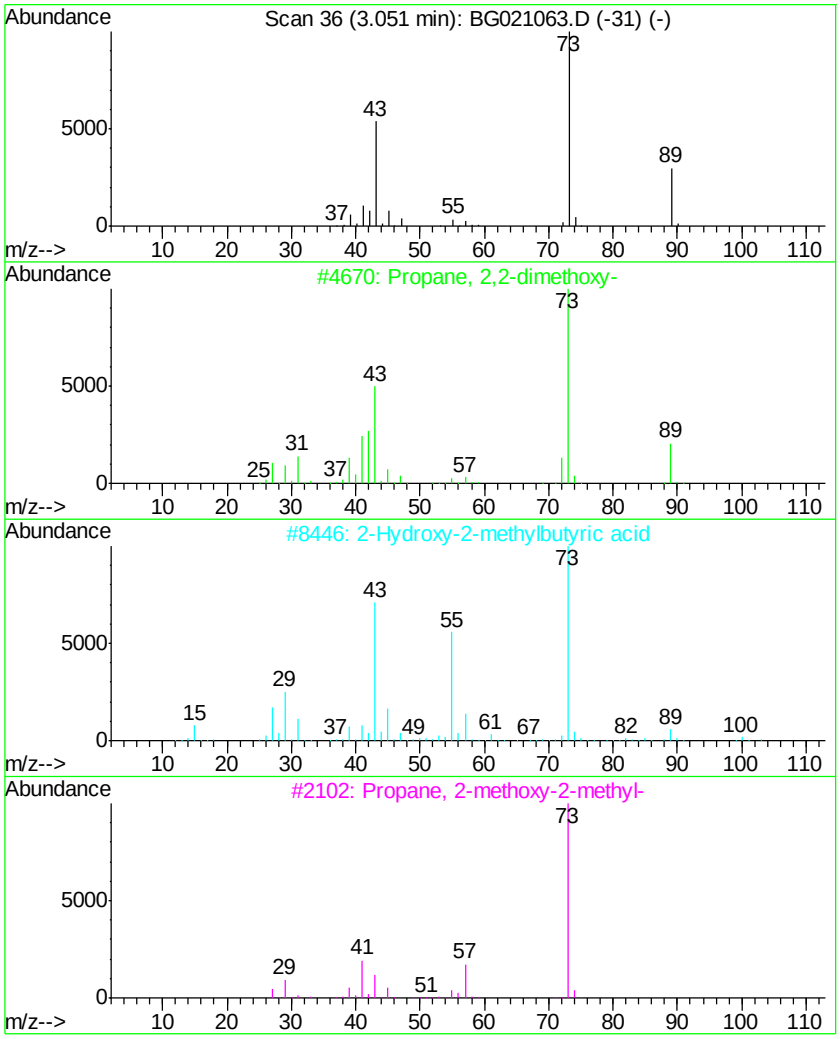
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

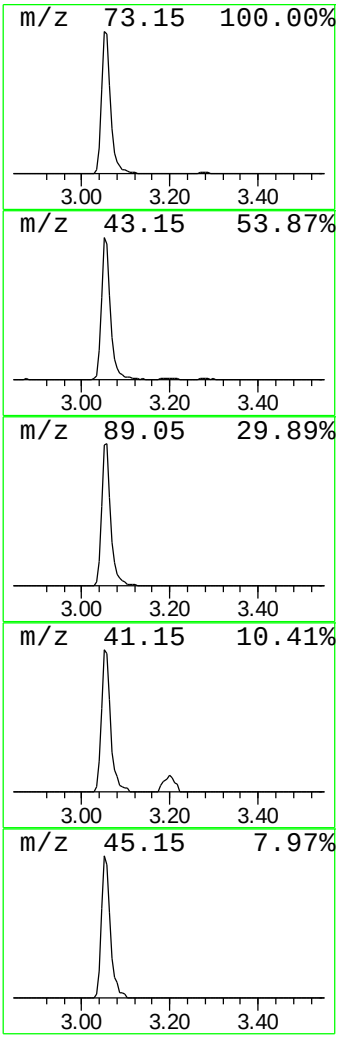
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	177.31 ng	235551	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	78
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021063.D
Acq On : 24 Feb 2016 22:31
Operator : UM/SJ
Sample : H1521-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2+20(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

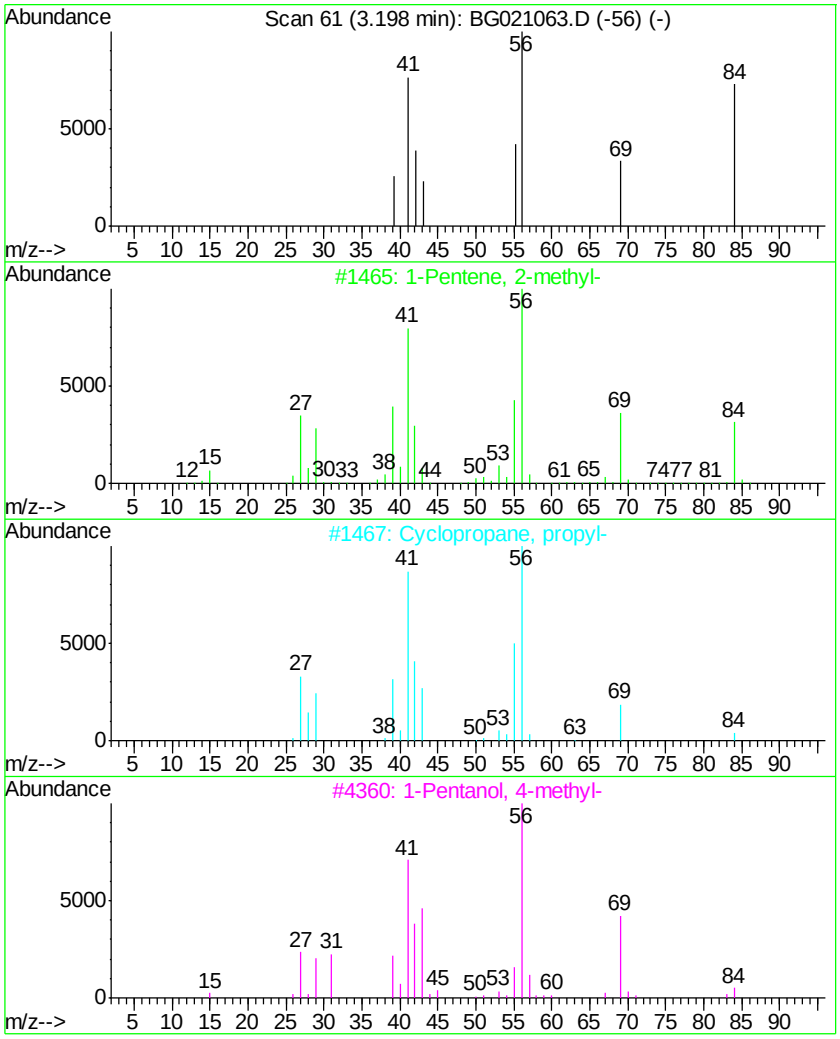
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

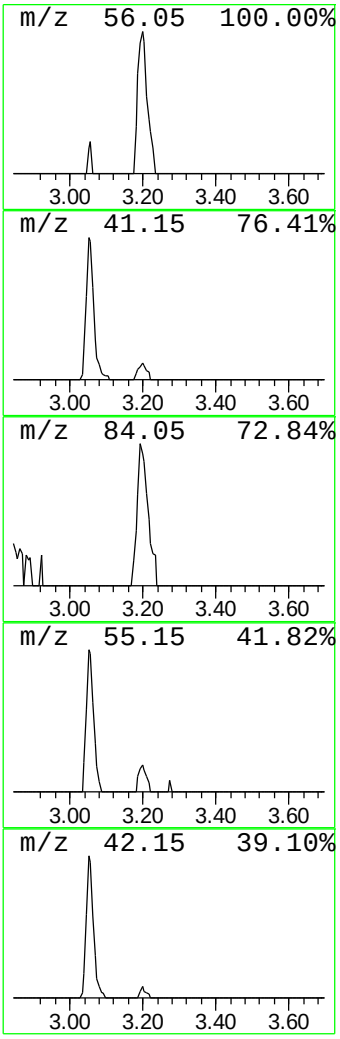
****

Peak Number 2 1-Pentene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	5.79 ng	7696	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
2	Cyclopropane, propyl-	84	C6H12	002415-72-7	50
3	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	9
4	1-Hexanol	102	C6H14O	000111-27-3	9
5	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021063.D
Acq On : 24 Feb 2016 22:31
Operator : UM/SJ
Sample : H1521-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2+20(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

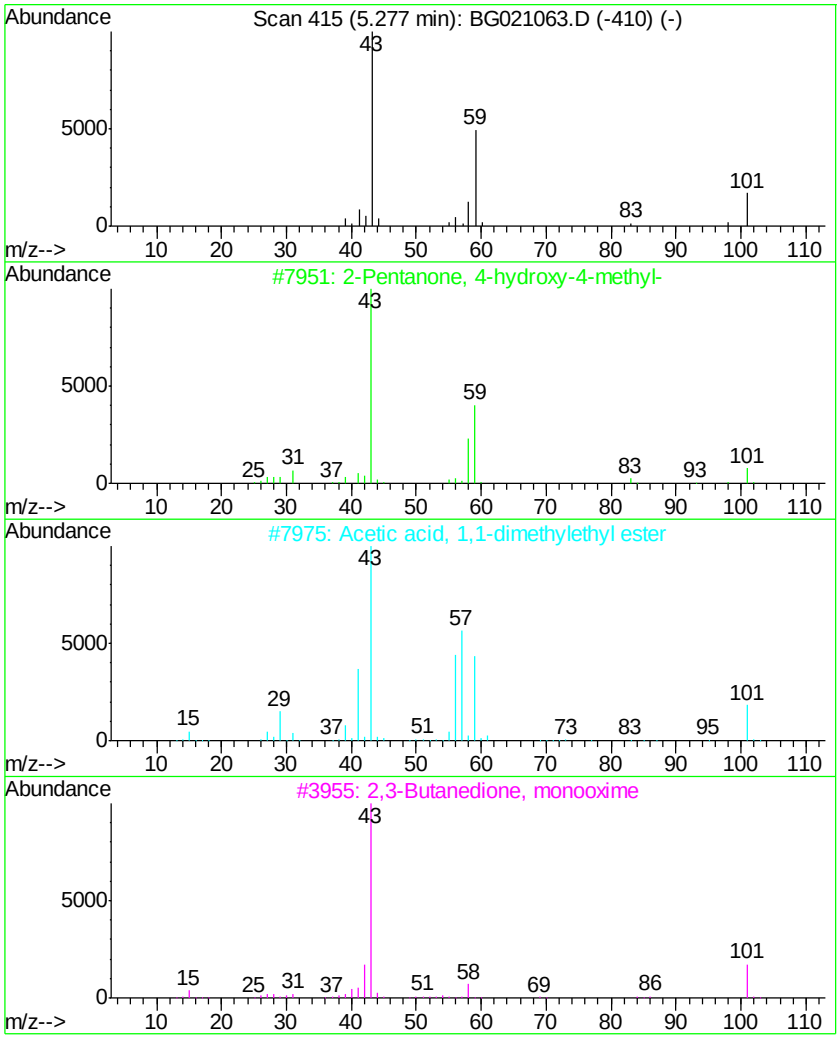
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

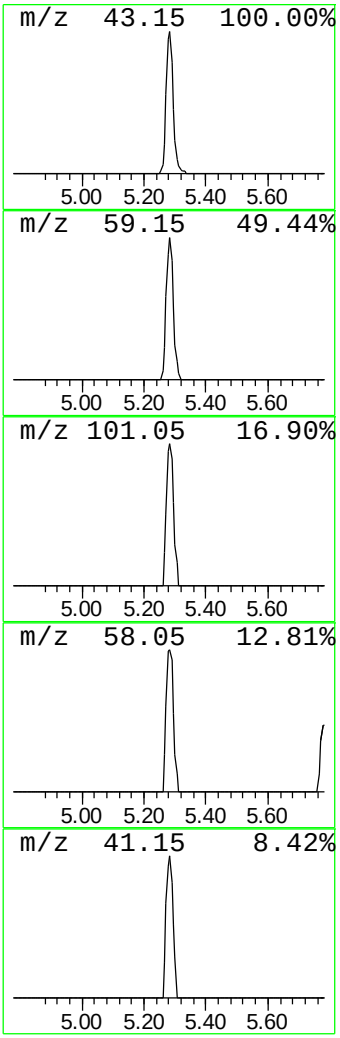
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	27.16 ng	36078	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021063.D
Acq On : 24 Feb 2016 22:31
Operator : UM/SJ
Sample : H1521-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2+20(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

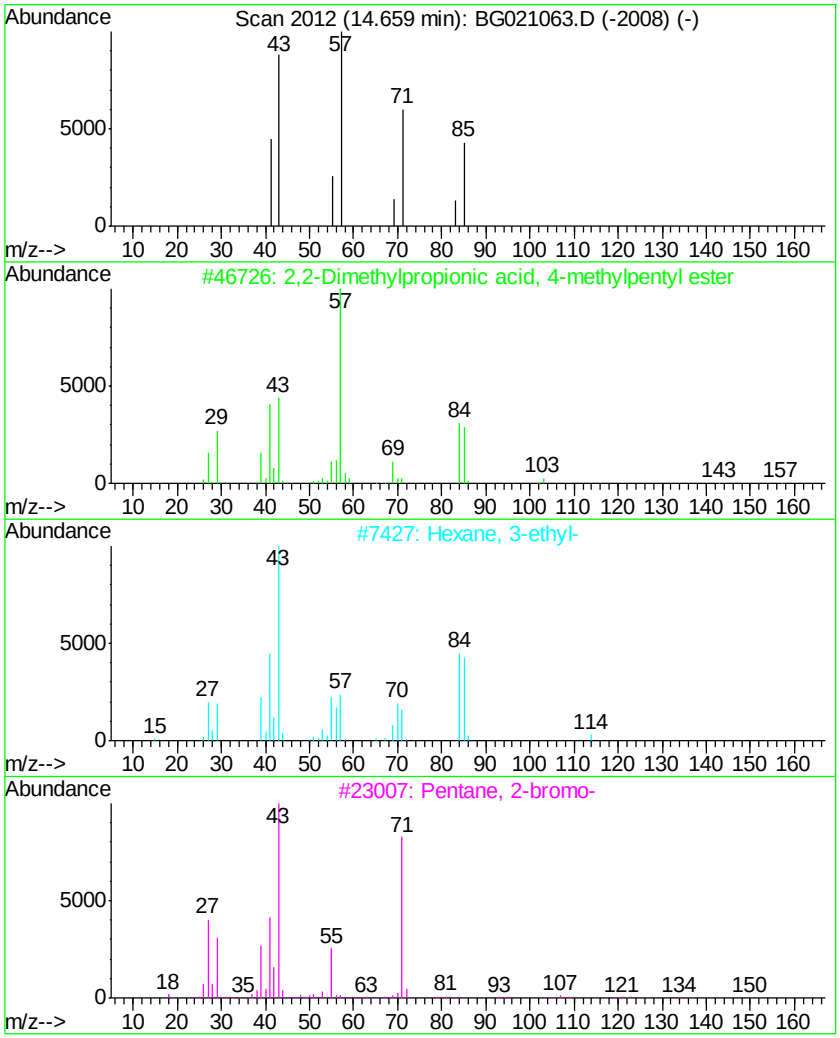
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

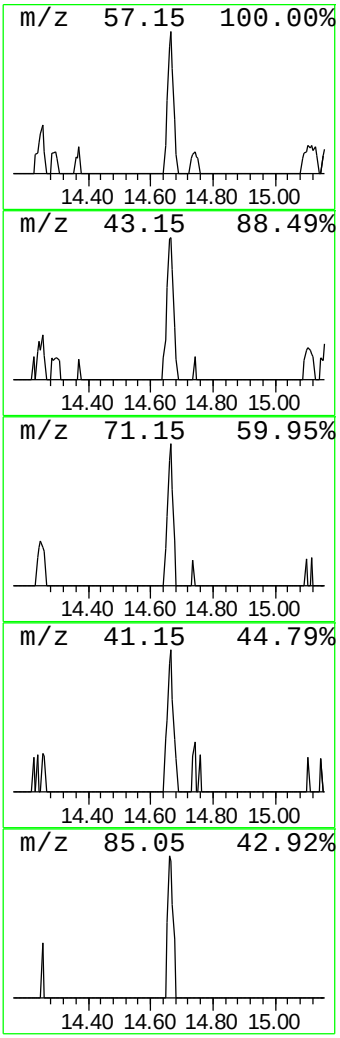
****

Peak Number 7 unknown14.66 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.54 ng	7386	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	38
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	25
3	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	23
4	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	17
5	Butane, 2-bromo-2-methyl-	150	C5H11Br	000507-36-8	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
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Operator : UM/SJ
Sample : H1521-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2+20(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

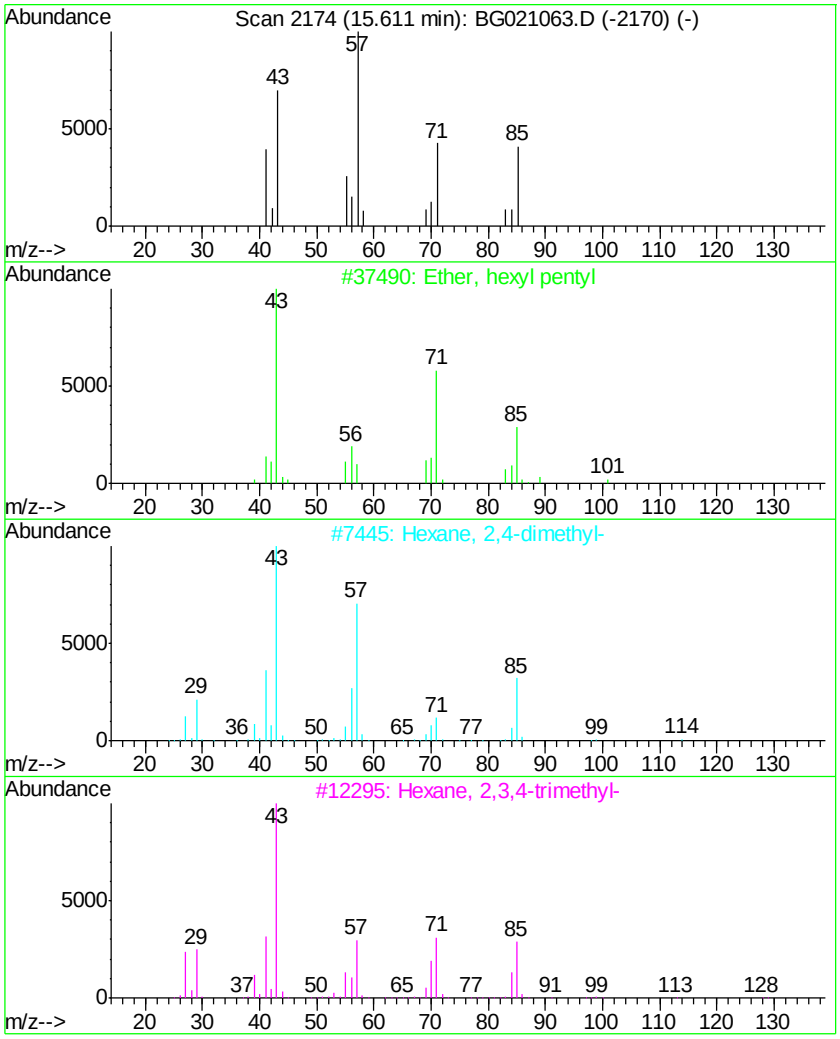
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

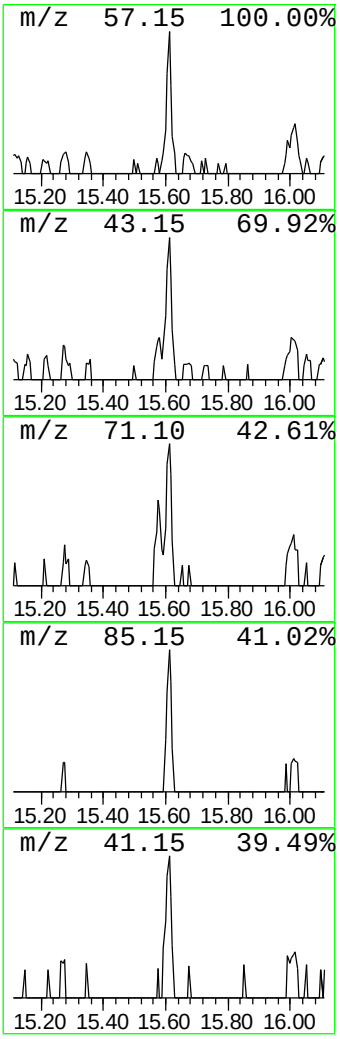
****

Peak Number 8 Ether, hexyl pentyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	3.17 ng	9232	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	45
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	28





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Data File : BG021063.D
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Operator : UM/SJ
Sample : H1521-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2+20(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

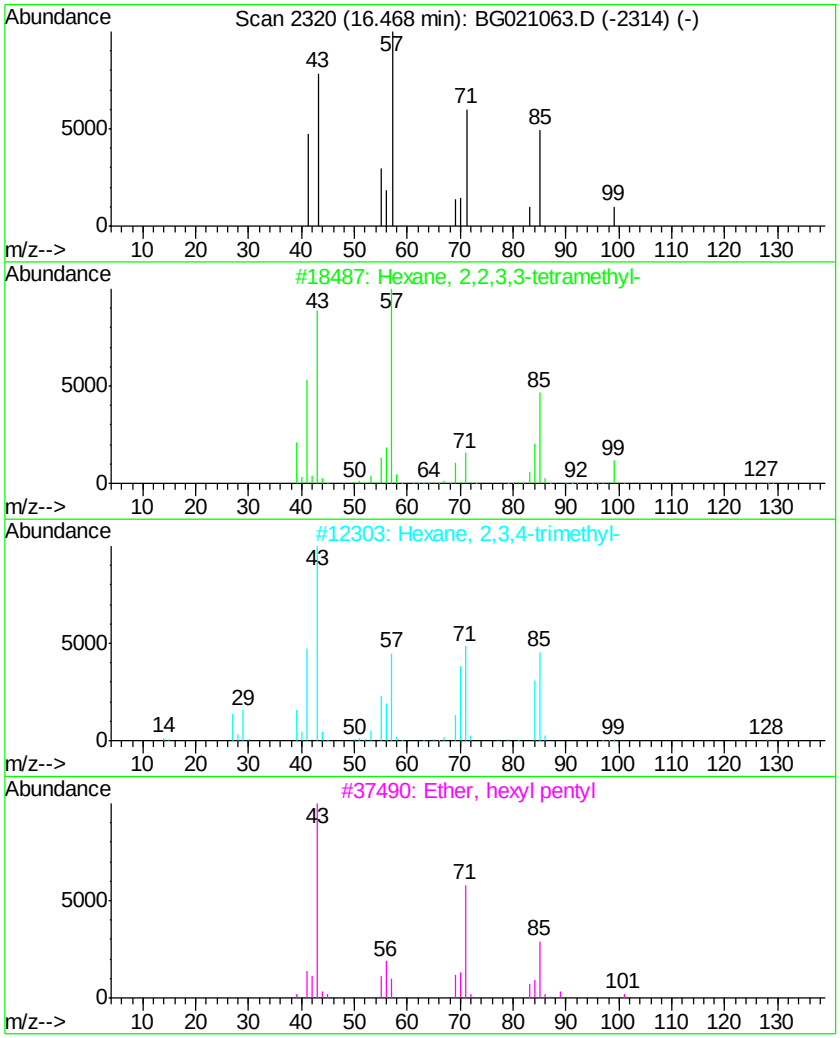
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

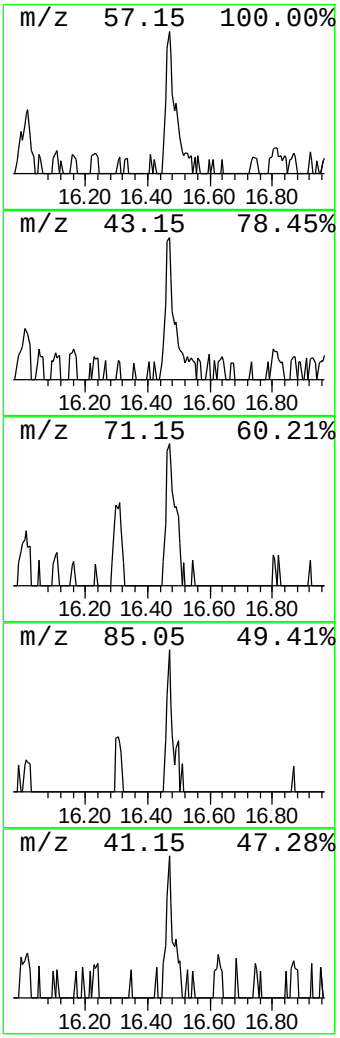
****

Peak Number 9 Hexane, 2,2,3,3-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	5.36 ng	14139	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	53
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
3	Ether, hexyl pentyl	172	C11H24O	032357-83-8	42
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38
5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	28





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Data File : BG021063.D
Acq On : 24 Feb 2016 22:31
Operator : UM/SJ
Sample : H1521-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2+20(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

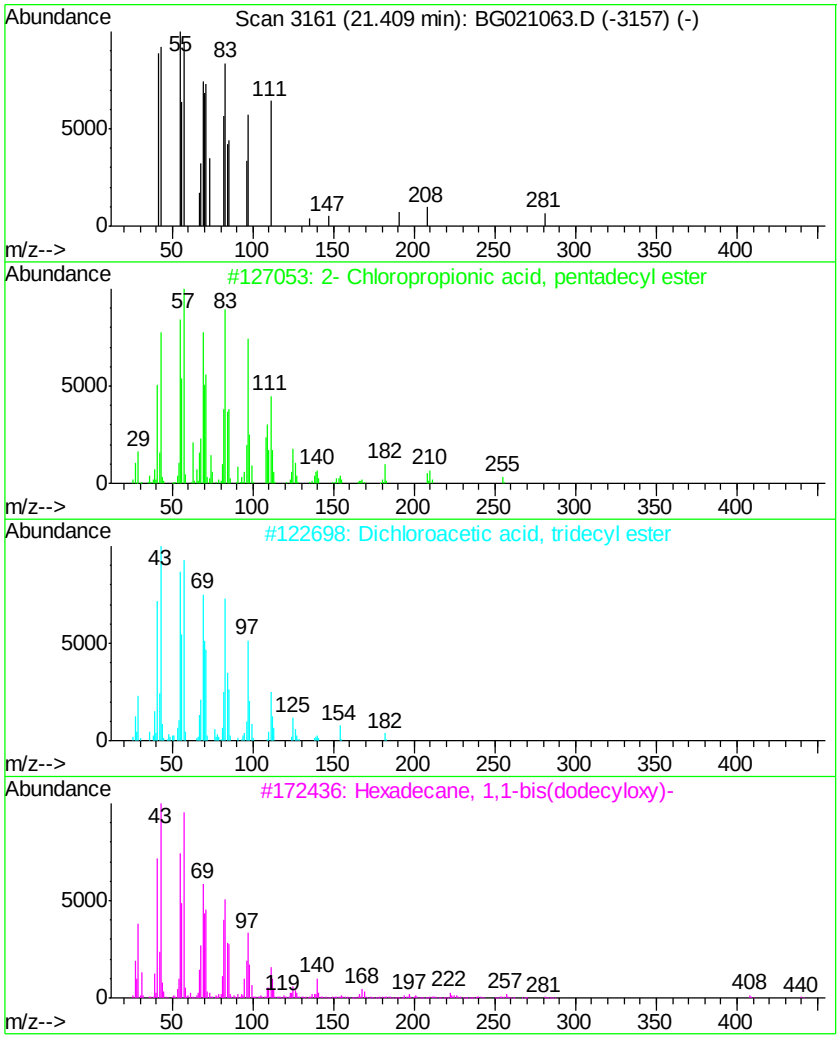
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

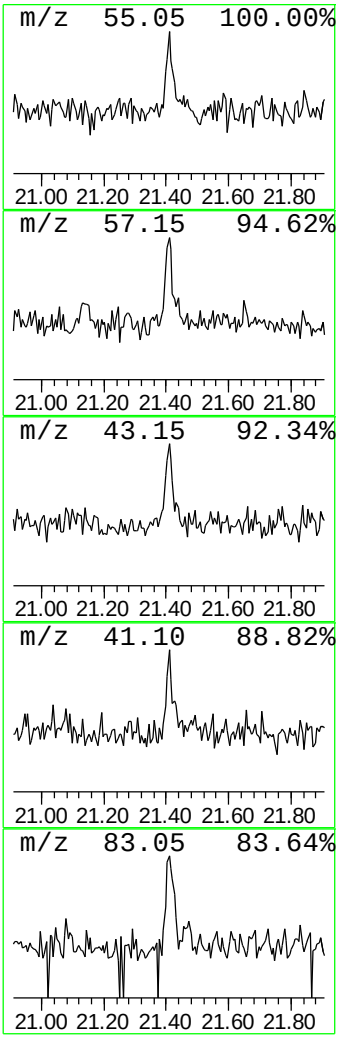
****

Peak Number 10 2- Chloropropionic acid, pe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	4.23 ng	8989	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	80
2	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	64
3	Hexadecane, 1,1-bis(dodecyloxy)-	595	C40H82O2	056554-64-4	64
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	59
5	Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022416\
Data File : BG021063.D
Acq On : 24 Feb 2016 22:31
Operator : UM/SJ
Sample : H1521-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2+20(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.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
Propane, 2,2-dime...	3.05	177.3	ng	235551	1	8.20	26570	20.0
1-Pentene, 2-methyl-	3.20	5.8	ng	7696	1	8.20	26570	20.0
2-Pentanone, 4-hy...	5.28	27.2	ng	36078	1	8.20	26570	20.0
unknown14.66	14.66	2.5	ng	7386	3	14.82	58206	20.0
Ether, hexyl pentyl	15.61	3.2	ng	9232	3	14.82	58206	20.0
Hexane, 2,2,3,3-t...	16.47	5.4	ng	14139	4	17.55	52720	20.0
2- Chloropropioni...	21.41	4.2	ng	8989	5	21.83	42481	20.0