LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021058.D
Acq On : 24 Feb 2016 19:12
Operator : UM/SJ
Sample : H1520-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40052(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	3.049	31	36	55	rBB	219929	306487	100.00%	16.285%
2	3.196	55	61	68	rBB	4321	7332	2.39%	0.390%
3	5.281	411	416	424	rBB2	16361	24589	8.02%	1.307%
4	5.780	495	501	509	rBB	72475	114259	37.28%	6.071%
5	7.408	771	778	788	rBB	87174	148365	48.41%	7.883%
6	7.748	830	836	843	rBB	83397	141783	46.26%	7.533%
7	8.201	908	913	918	rBB	14108	21875	7.14%	1.162%
8	8.530	963	969	976	rBB	59527	98148	32.02%	5.215%
9	9.387	1108	1115	1122	rBB	54384	95281	31.09%	5.063%
10	11.026	1387	1394	1400	rBB	25947	44215	14.43%	2.349%
11	13.446	1799	1806	1812	rBB	155436	223472	72.91%	11.874%
12	14.269	1940	1946	1952	rBB	31132	42416	13.84%	2.254%
13	14.662	2008	2013	2017	rBB	6093	7016	2.29%	0.373%
14	14.815	2034	2039	2045	rBB2	38803	61116	19.94%	3.247%
15	15.608	2170	2174	2178	rVB	8006	9759	3.18%	0.519%
16	16.008	2236	2242	2247	rBB	1871	3823	1.25%	0.203%
17	16.307	2287	2293	2298	rBB	114258	166152	54.21%	8.828%
18	16.466	2316	2320	2323	rBV2	7523	10031	3.27%	0.533%
19	17.253	2451	2454	2458	rBB	3800	4489	1.46%	0.239%
20	17.553	2500	2505	2511	rBV	41154	59375	19.37%	3.155%
21	19.591	2848	2852	2857	rVB2	2369	3641	1.19%	0.193%
22	20.137	2940	2945	2950	rBV	155824	193383	63.10%	10.275%
23	21.406	3157	3161	3169	rVB5	7052	10043	3.28%	0.534%
24	21.823	3226	3232	3237	rBV	29130	44623	14.56%	2.371%
25	25.142	3789	3797	3805	rVB2	14970	40361	13.17%	2.145%

Sum of corrected areas: 1882034

LSC Report - Integrated Chromatogram

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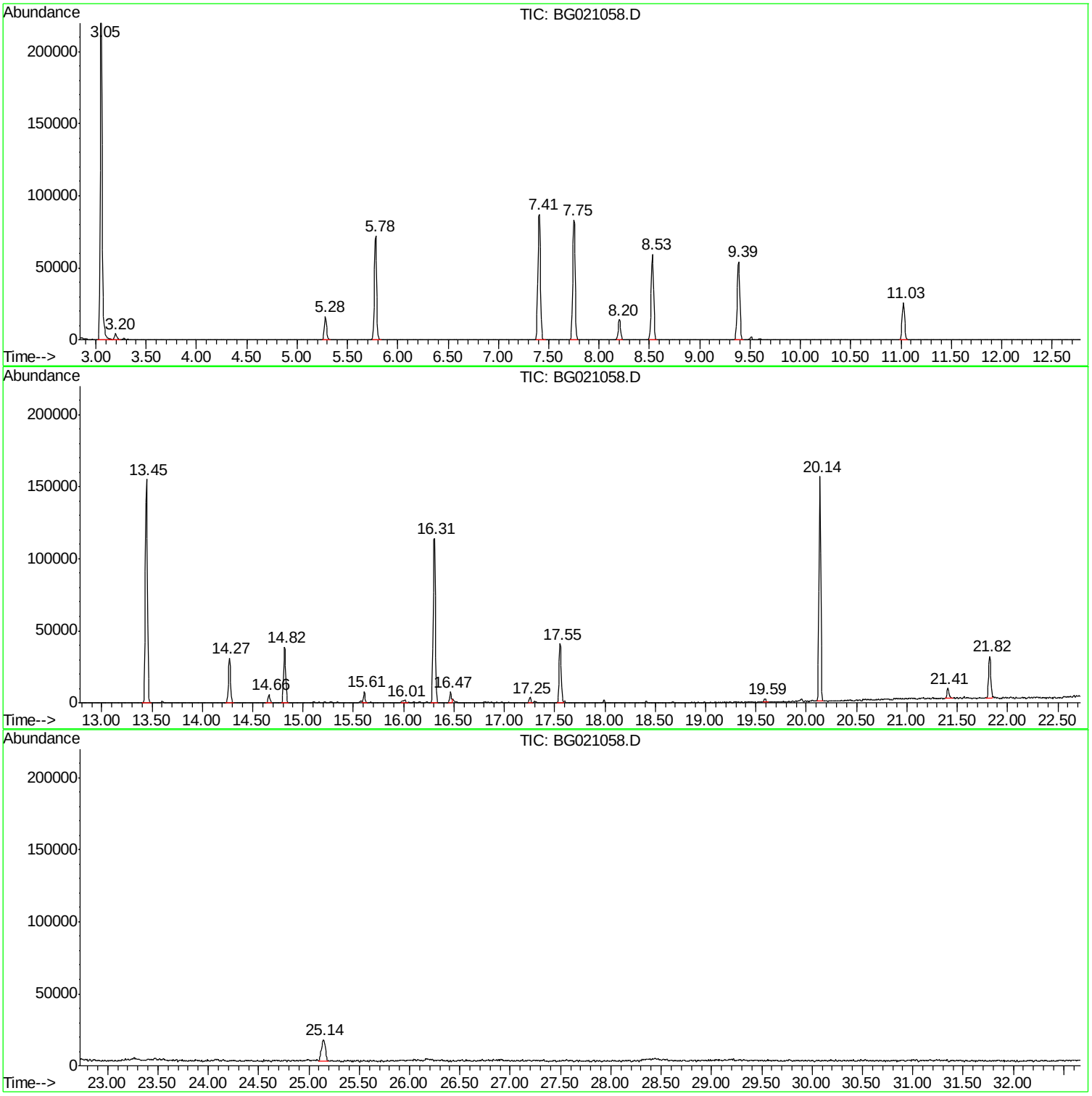
Operator : UM/SJ
Sample : H1520-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40052(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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021058.D
Acq On : 24 Feb 2016 19:12
Operator : UM/SJ
Sample : H1520-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40052(0-2)

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

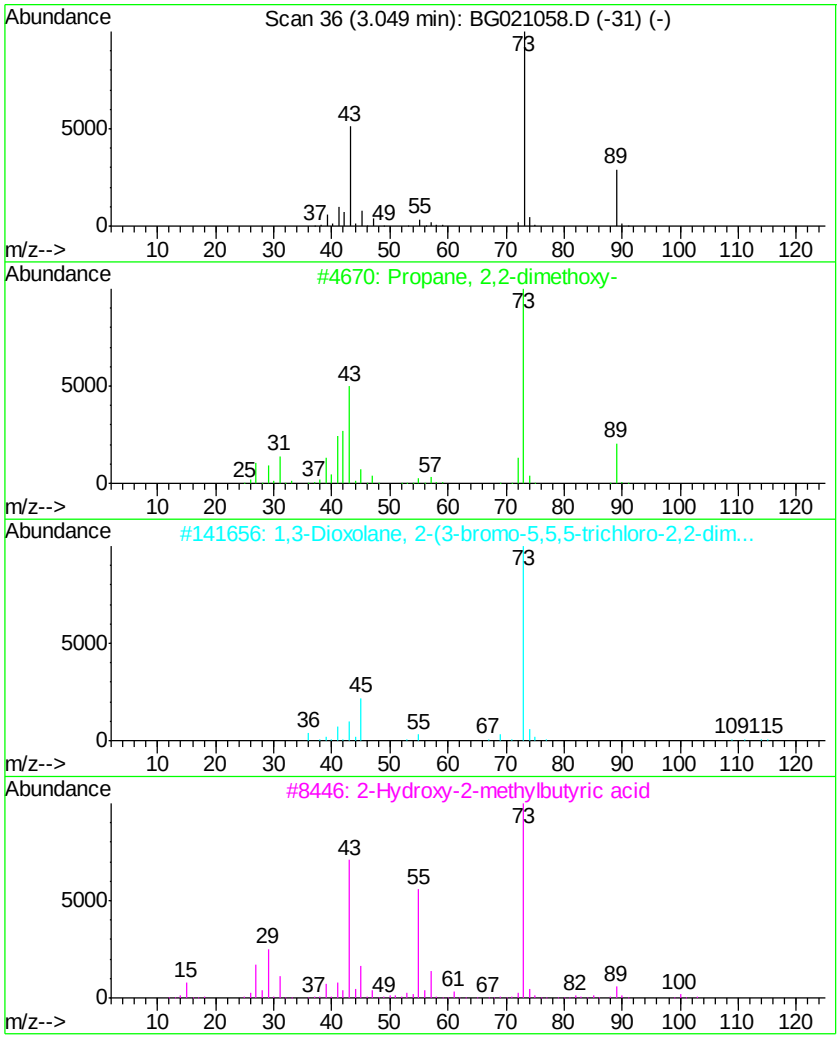
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

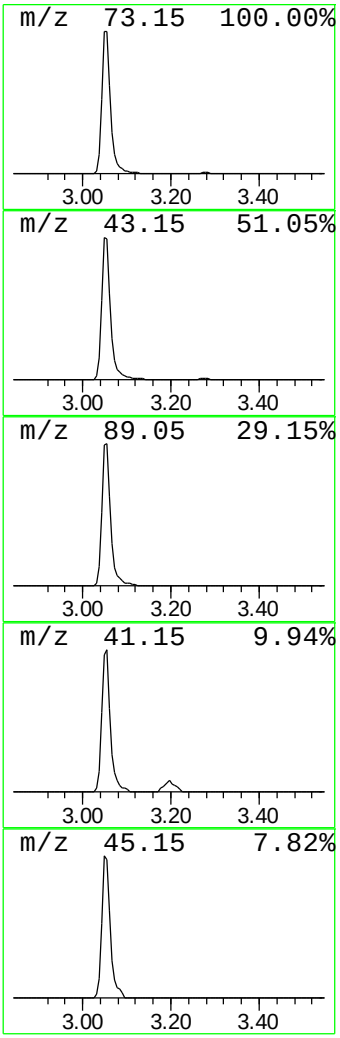
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	280.22 ng	306487	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	50
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Library Search Compound Report

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Data File : BG021058.D
Acq On : 24 Feb 2016 19:12
Operator : UM/SJ
Sample : H1520-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40052(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

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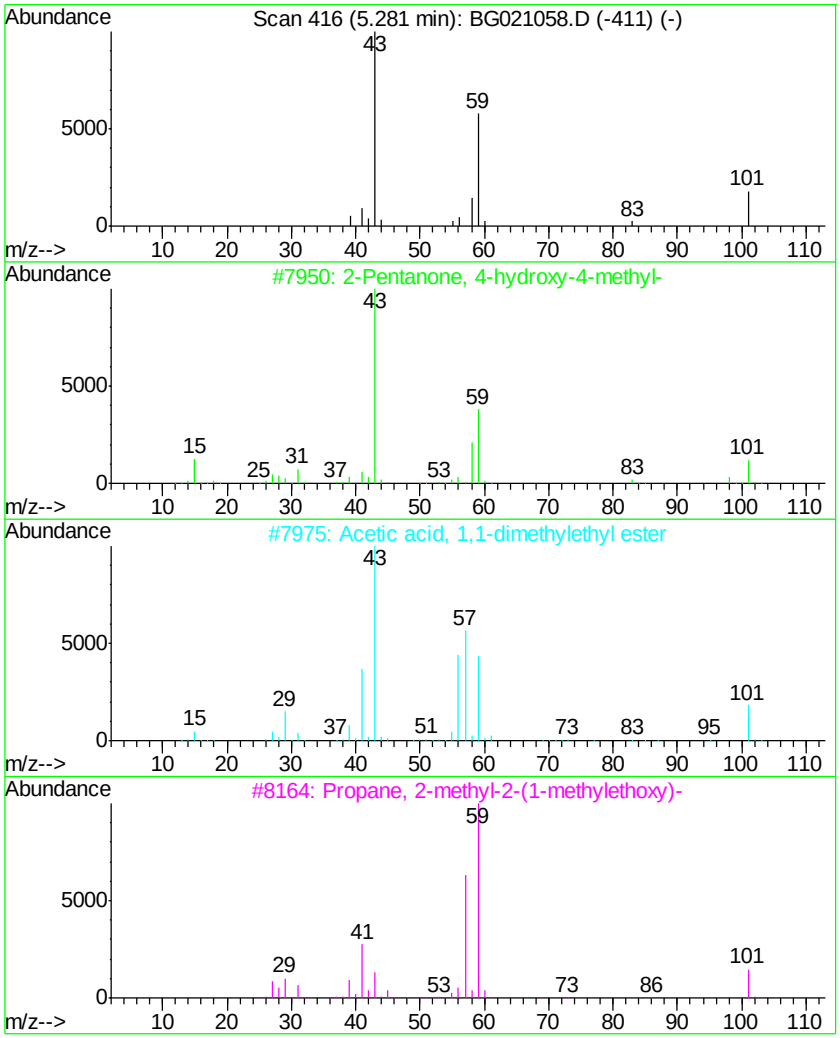
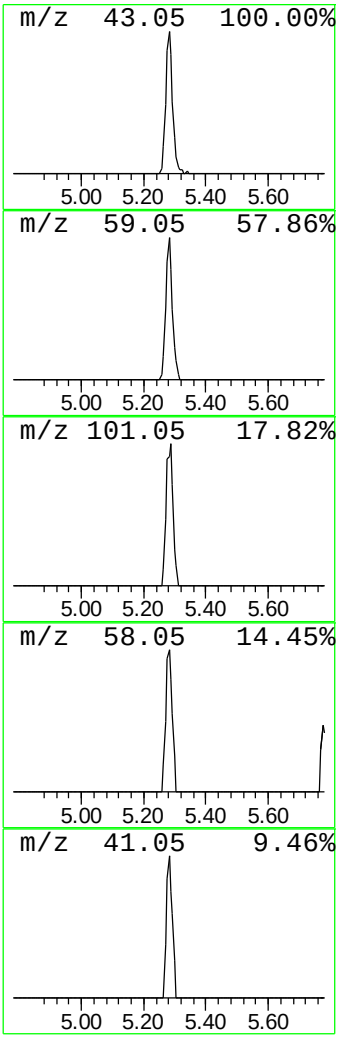
Peak Number 3 unknown5.28 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	22.48 ng	24589	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	40
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	40
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol	102	C6H14O	000623-37-0	36
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021058.D
Acq On : 24 Feb 2016 19:12
Operator : UM/SJ
Sample : H1520-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40052(0-2)

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

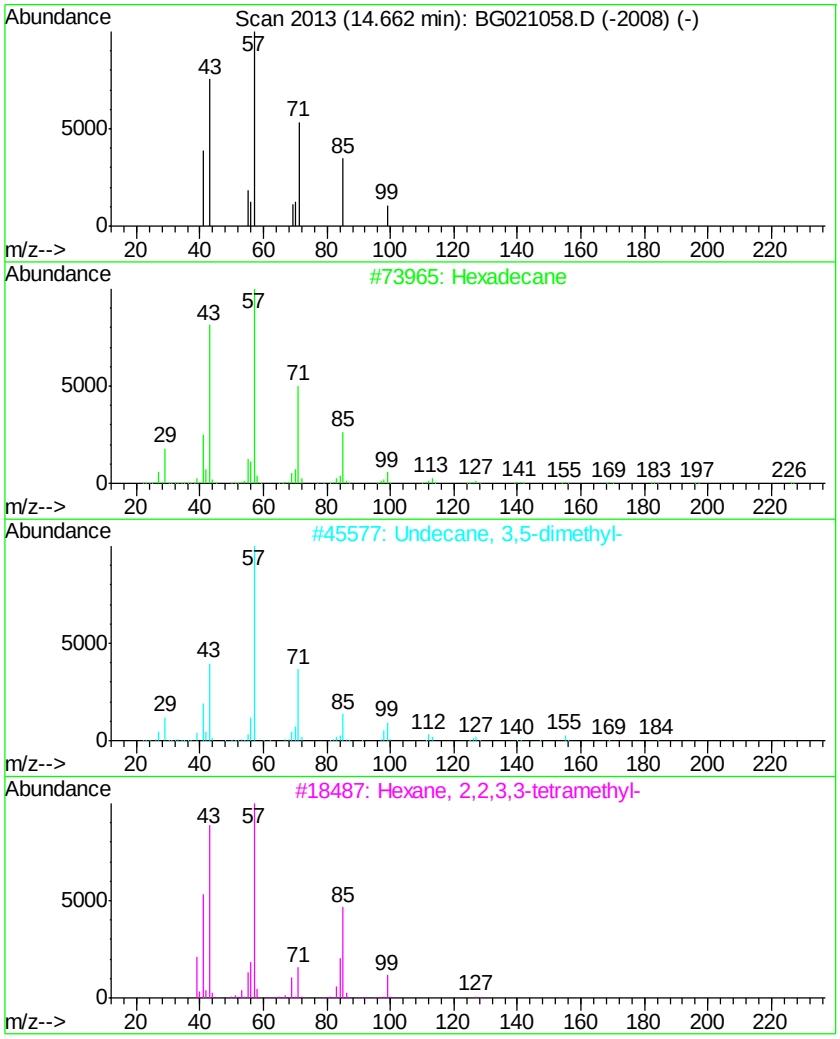
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

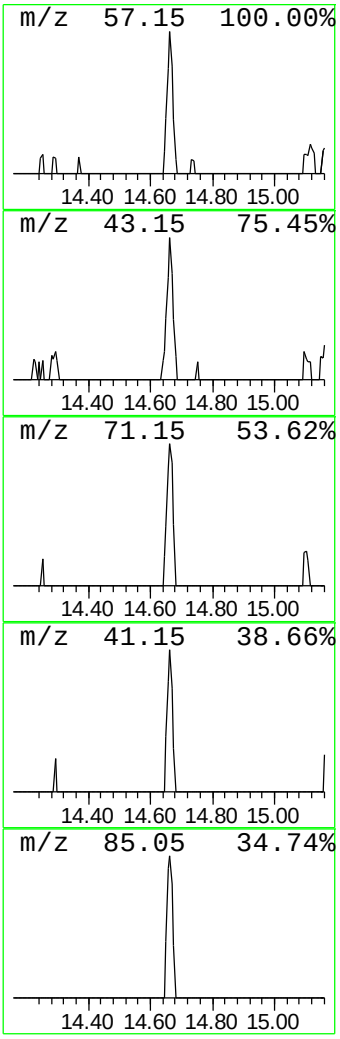
****

Peak Number 6 Undecane, 3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.30 ng	7016	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	74
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	40
3	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	38
4	Ether, heptyl hexyl	200	C13H28O	007289-40-9	37
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	37





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021058.D
Acq On : 24 Feb 2016 19:12
Operator : UM/SJ
Sample : H1520-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40052(0-2)

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

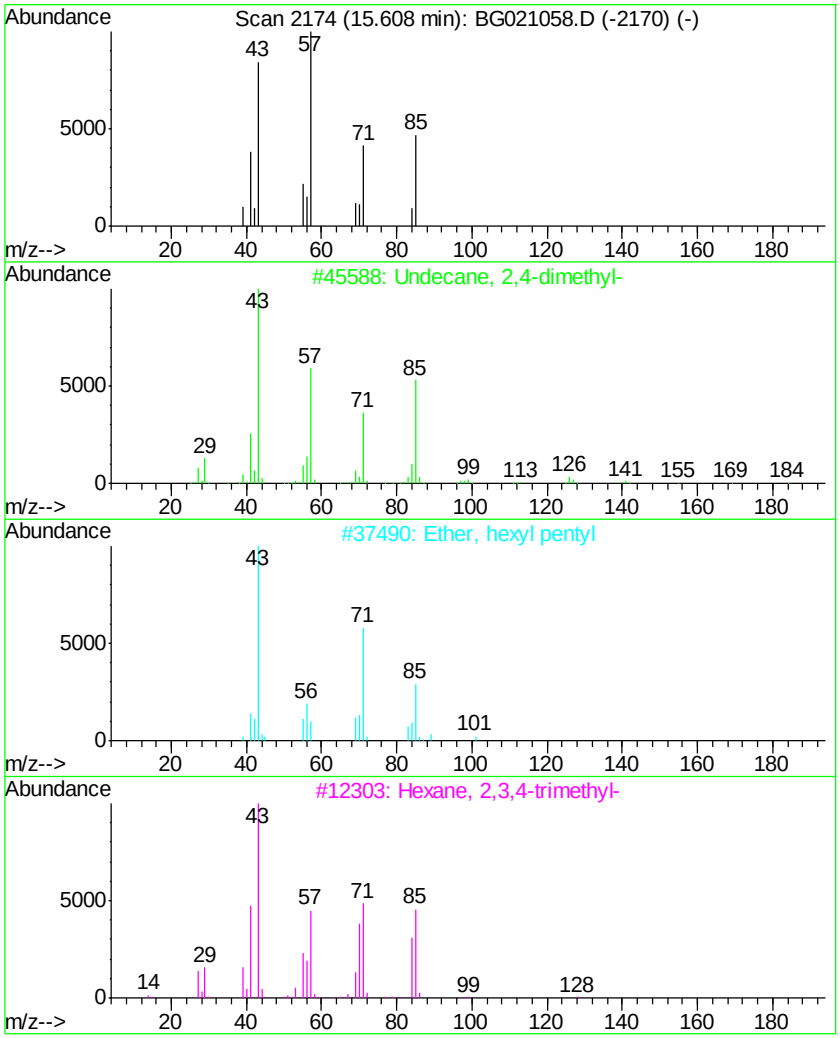
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

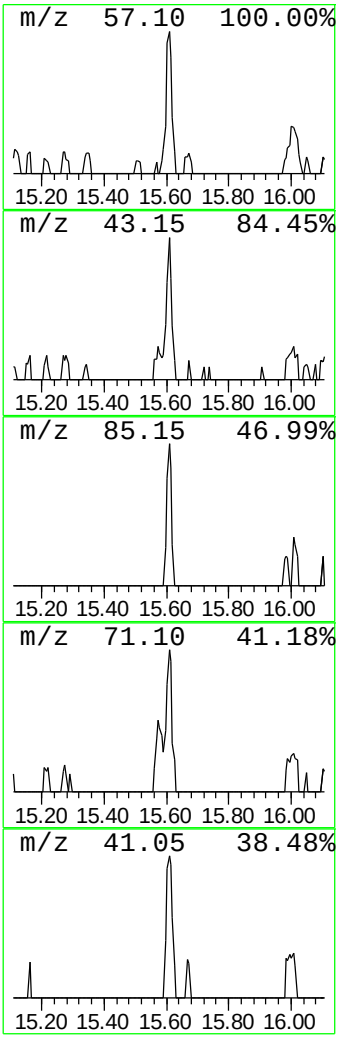
****

Peak Number 7 Undecane, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	3.19 ng	9759	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	72
2	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	45
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	42
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021058.D
Acq On : 24 Feb 2016 19:12
Operator : UM/SJ
Sample : H1520-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40052(0-2)

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

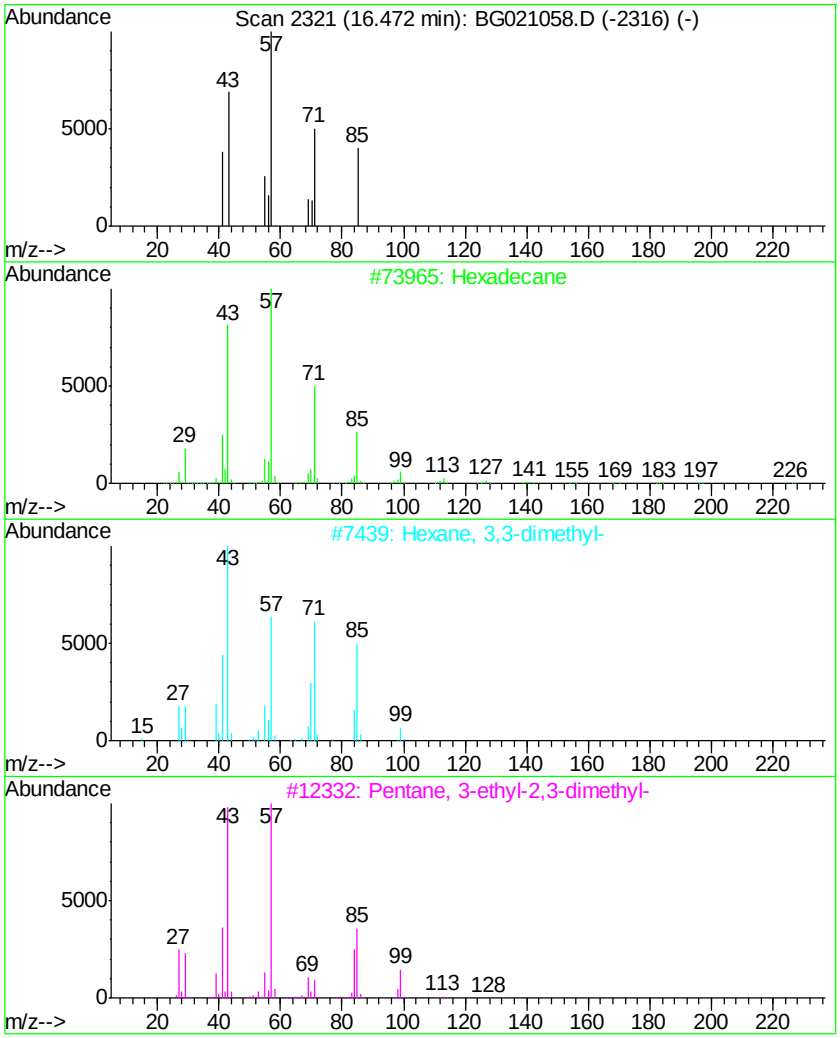
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

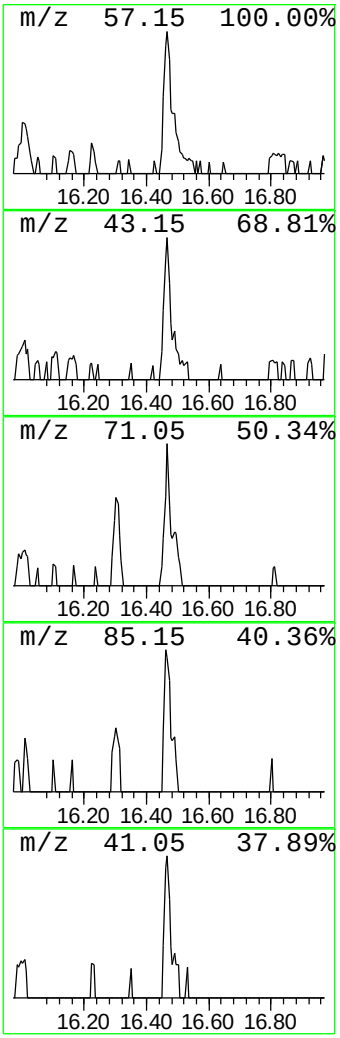
****

Peak Number 8 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	3.38 ng	10031	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
3	Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	40
4	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	40
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	40





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Misc :
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Instrument : BNA_G
ClientSampleId : 40052(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
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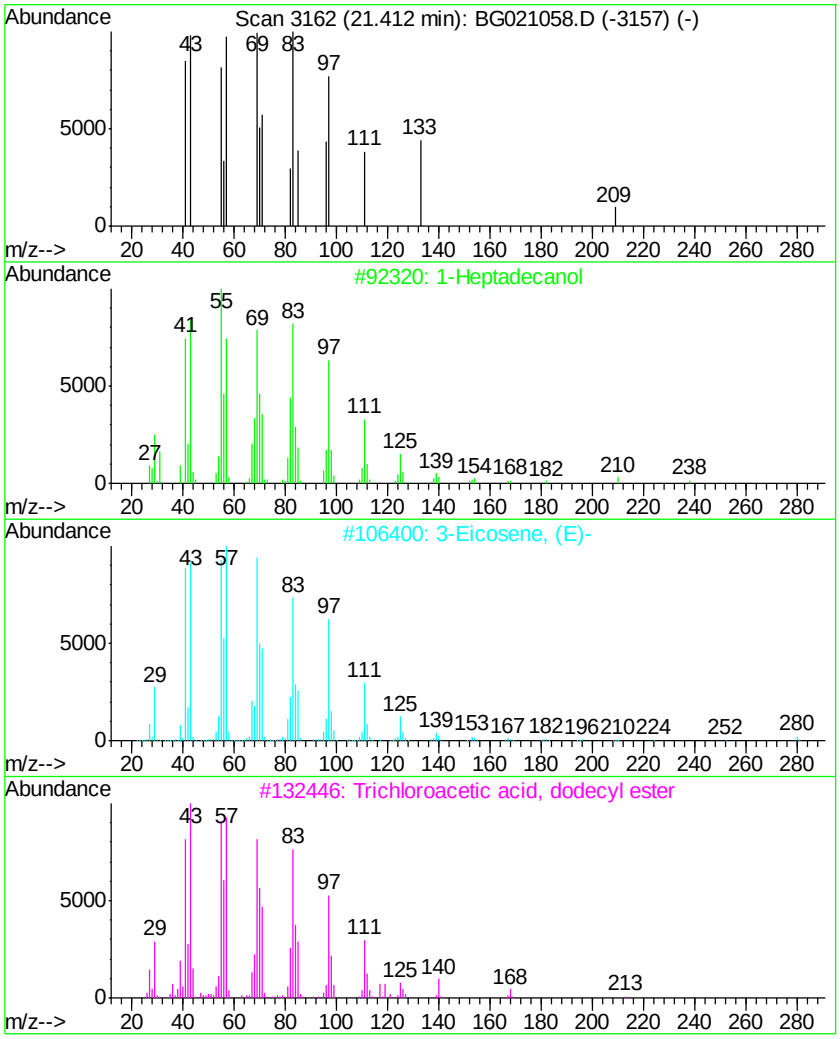
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

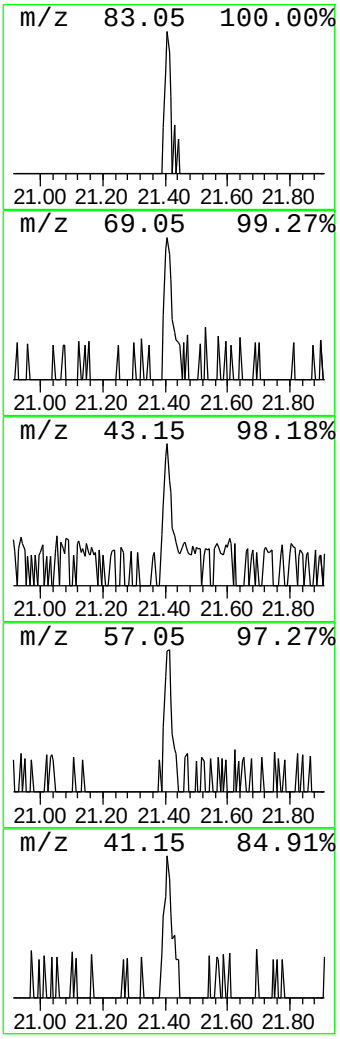
****

Peak Number 9 1-Heptadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	4.50 ng	10043	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	64
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	64
3	Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7	64
4	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	52
5	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	50





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
Sample : H1520-13
Misc :
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Instrument : BNA_G
ClientSampleId : 40052(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	280.2	ng	306487	1	8.20	21875	20.0
unknown5.28	5.28	22.5	ng	24589	1	8.20	21875	20.0
Undecane, 3,5-dim...	14.66	2.3	ng	7016	3	14.82	61116	20.0
Undecane, 2,4-dim...	15.61	3.2	ng	9759	3	14.82	61116	20.0
Hexadecane	16.47	3.4	ng	10031	4	17.55	59375	20.0
1-Heptadecanol	21.41	4.5	ng	10043	5	21.82	44623	20.0