LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021235.D
Acq On : 3 Mar 2016 7:25
Operator : UM/SJ
Sample : H1640-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WEST-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-BG022916.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	3.050	31	36	53	rVB	932943	1218001	100.00%	19.272%
2	5.229	401	407	415	rBV	48884	74063	6.08%	1.172%
3	5.694	480	486	495	rBV	237316	380982	31.28%	6.028%
4	7.292	750	758	767	rBV	271452	467106	38.35%	7.391%
5	7.668	815	822	831	rVB	261412	443005	36.37%	7.009%
6	8.138	895	902	908	rBB	40019	65125	5.35%	1.030%
7	8.461	950	957	965	rBB	168946	288461	23.68%	4.564%
8	9.307	1093	1101	1112	rBV	173247	312362	25.65%	4.942%
9	9.407	1112	1118	1126	rVV2	9748	16383	1.35%	0.259%
10	10.946	1374	1380	1389	rVB	64326	112660	9.25%	1.783%
11	12.174	1584	1589	1594	rBV	19770	28282	2.32%	0.447%
12	13.379	1787	1794	1801	rVB	410837	621765	51.05%	9.838%
13	14.195	1927	1933	1940	rVB	69239	106803	8.77%	1.690%
14	14.624	2002	2006	2015	rBV2	9194	13982	1.15%	0.221%
15	14.748	2022	2027	2036	rVB2	99094	162108	13.31%	2.565%
16	15.570	2163	2167	2171	rVB3	16231	22228	1.82%	0.352%
17	16.228	2270	2279	2290	rBV3	325938	518288	42.55%	8.201%
18	16.428	2309	2313	2316	rBV2	17145	23608	1.94%	0.374%
19	17.221	2443	2448	2453	rBV	11942	14303	1.17%	0.226%
20	17.486	2487	2493	2500	rBV	124609	181739	14.92%	2.876%
21	20.077	2929	2934	2940	rBV	670042	847321	69.57%	13.407%
22	21.375	3151	3155	3158	rBV3	9783	13302	1.09%	0.210%
23	21.751	3213	3219	3228	rVB	127291	211216	17.34%	3.342%
24	25.018	3767	3775	3786	rVB2	64004	176989	14.53%	2.800%

Sum of corrected areas: 6320082

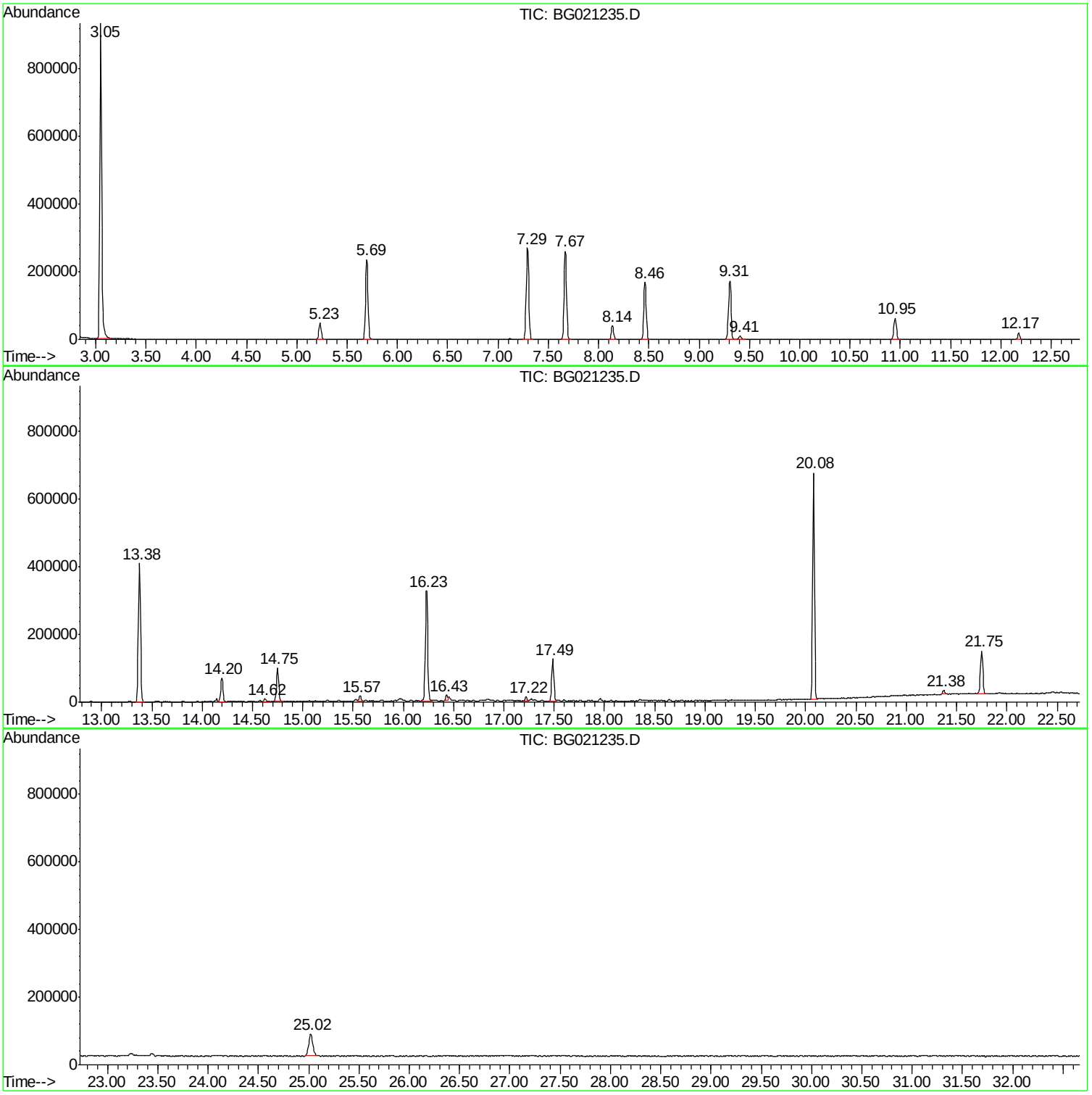
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021235.D
Acq On : 3 Mar 2016 7:25
Operator : UM/SJ
Sample : H1640-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WEST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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\BG030216\
Data File : BG021235.D
Acq On : 3 Mar 2016 7:25
Operator : UM/SJ
Sample : H1640-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WEST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

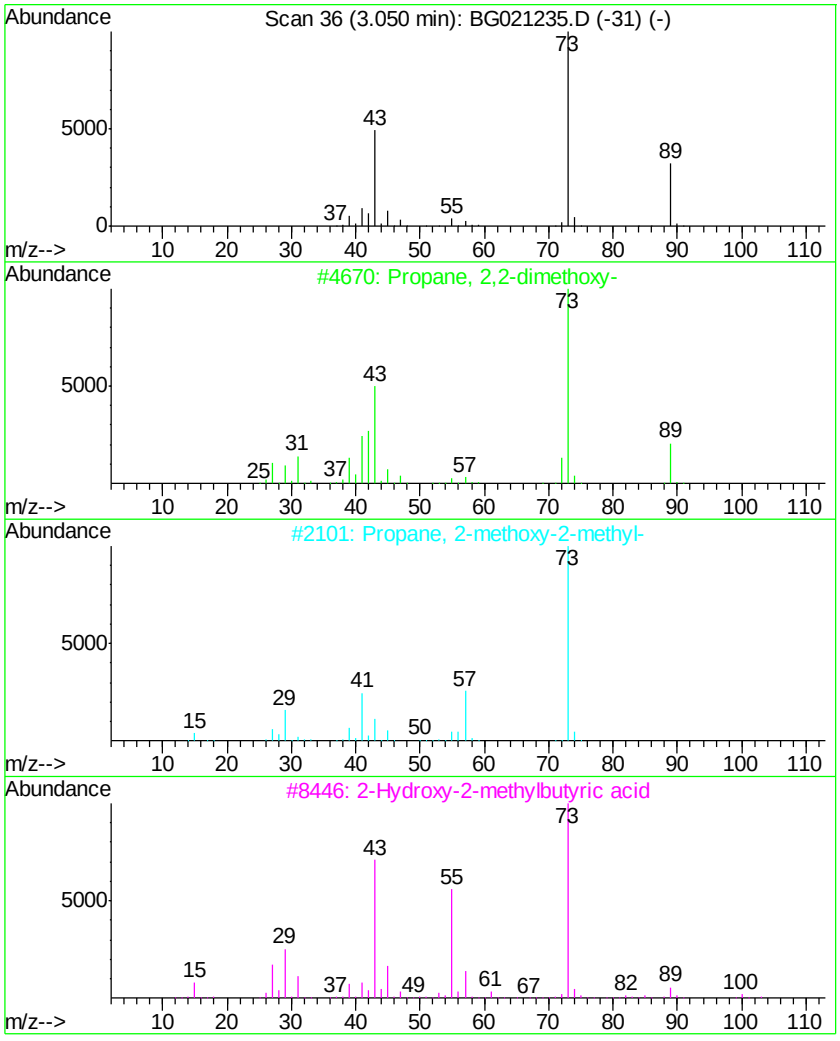
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

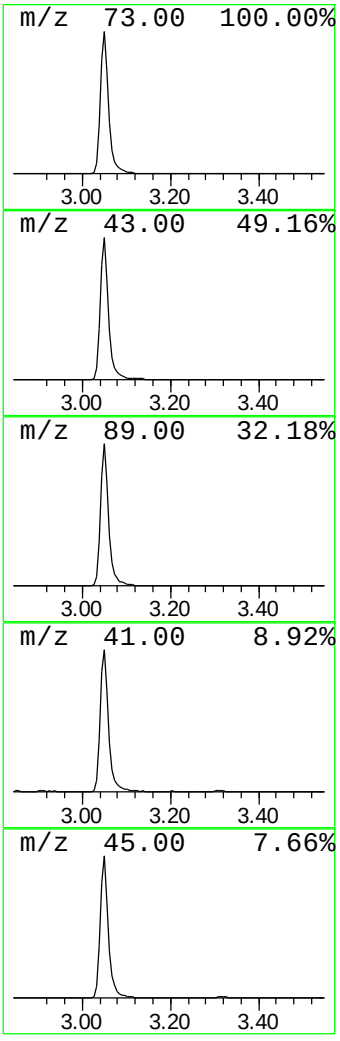
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	374.05 ng	1218000	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021235.D
Acq On : 3 Mar 2016 7:25
Operator : UM/SJ
Sample : H1640-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WEST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

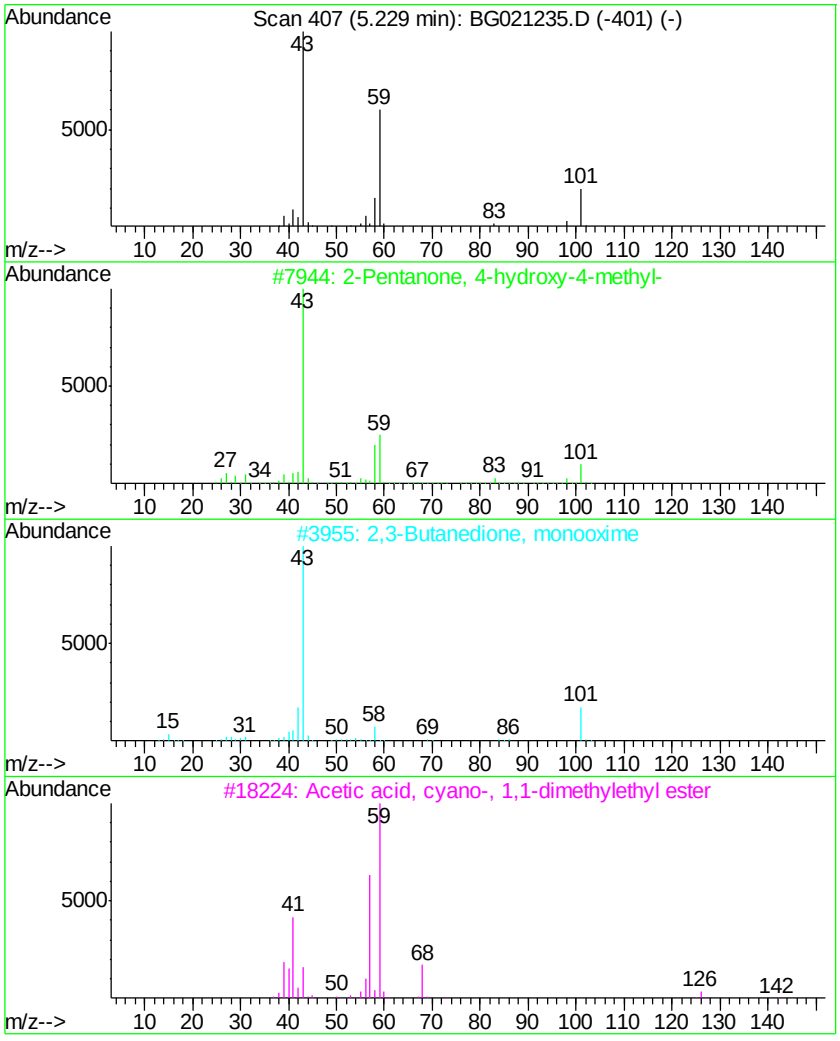
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

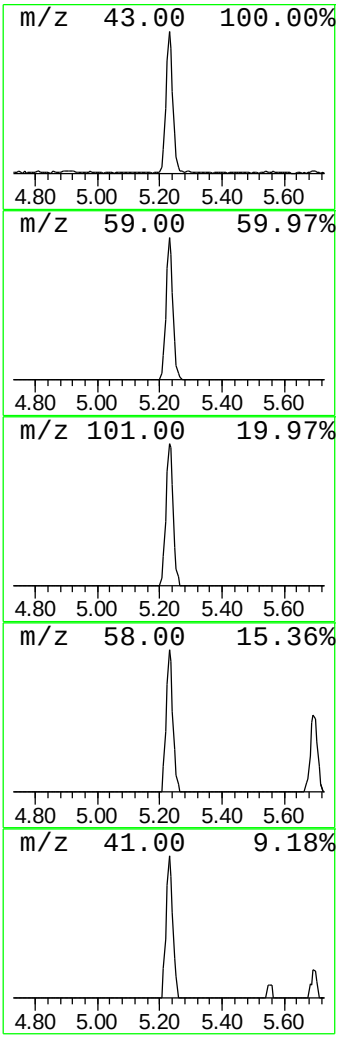
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	22.74 ng	74063	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	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021235.D
Acq On : 3 Mar 2016 7:25
Operator : UM/SJ
Sample : H1640-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WEST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

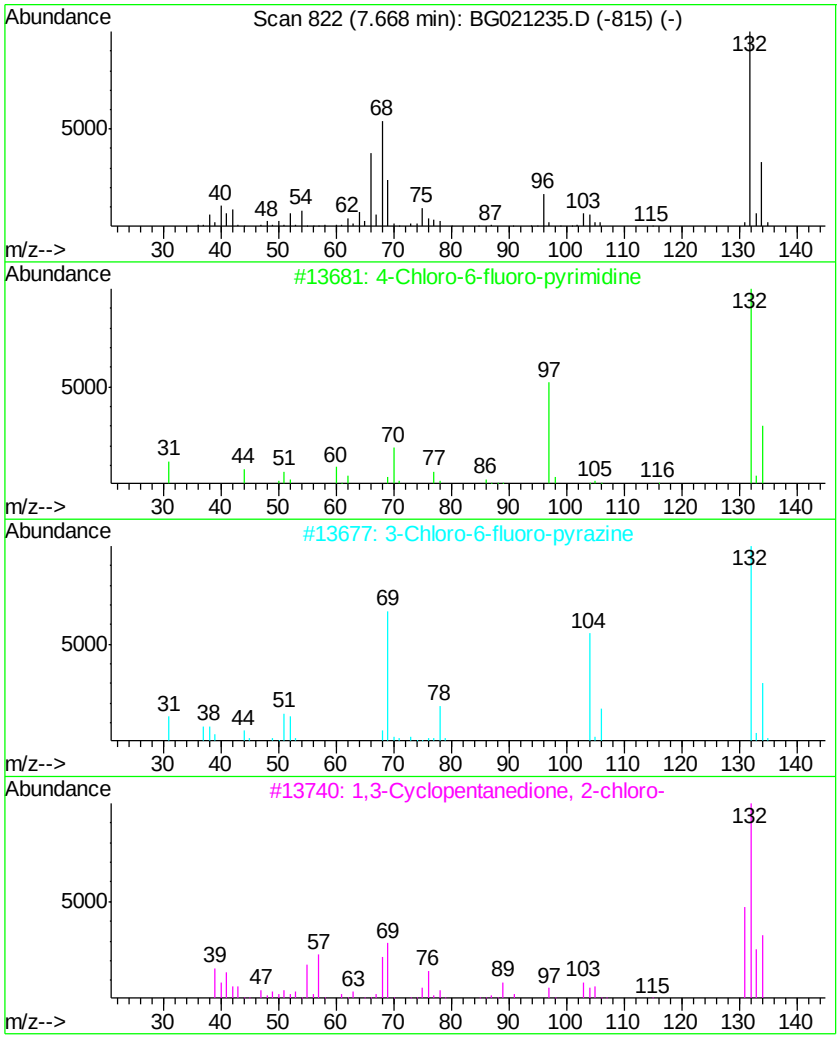
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

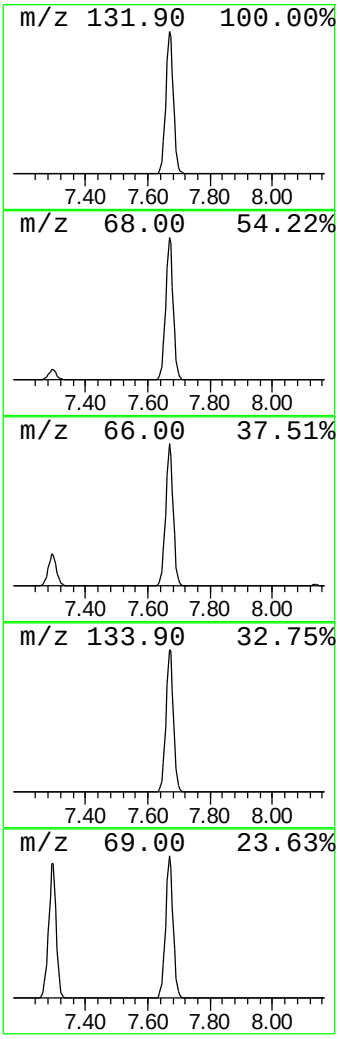
****

Peak Number 3 unknown7.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	136.05 ng	443005	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Data File : BG021235.D
Acq On : 3 Mar 2016 7:25
Operator : UM/SJ
Sample : H1640-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WEST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

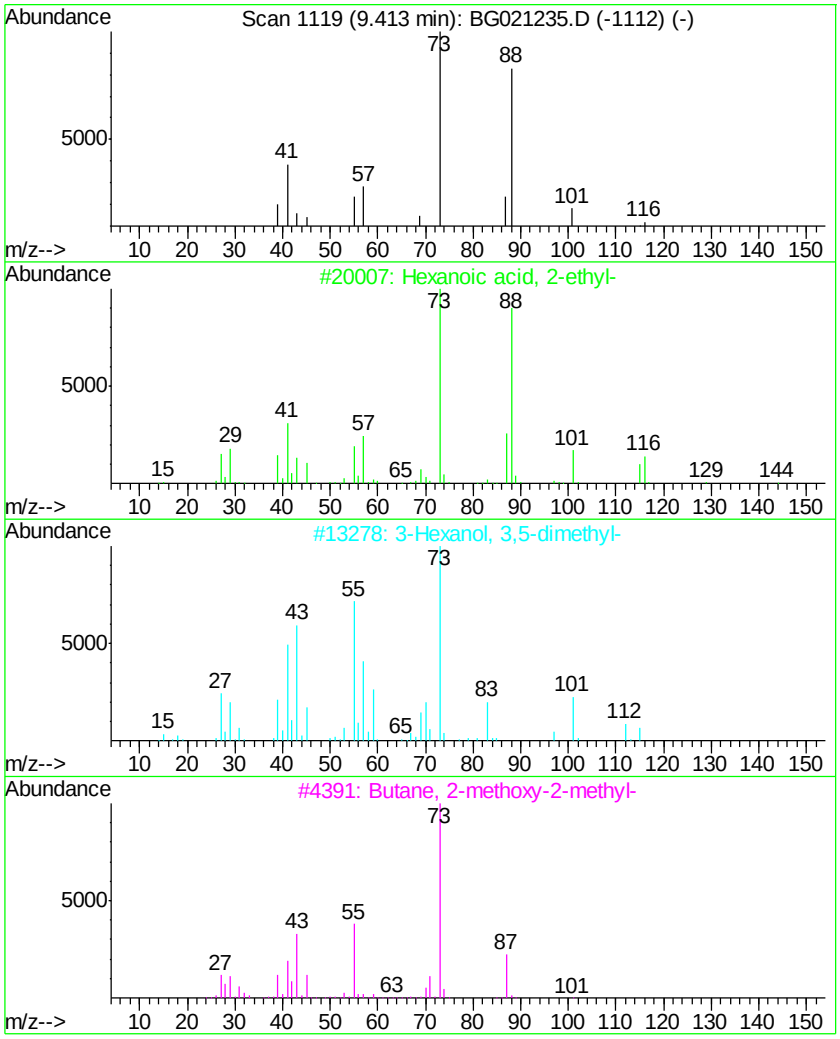
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

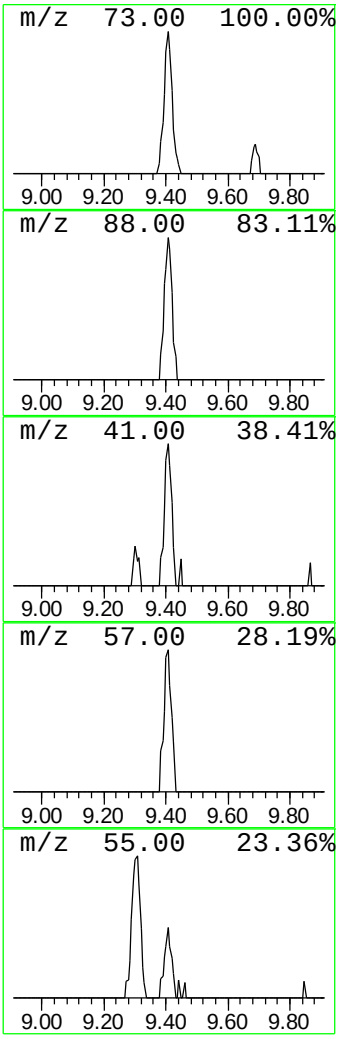
****

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	5.03 ng	16383	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	10
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	9
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	9





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Sample : H1640-12
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WEST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

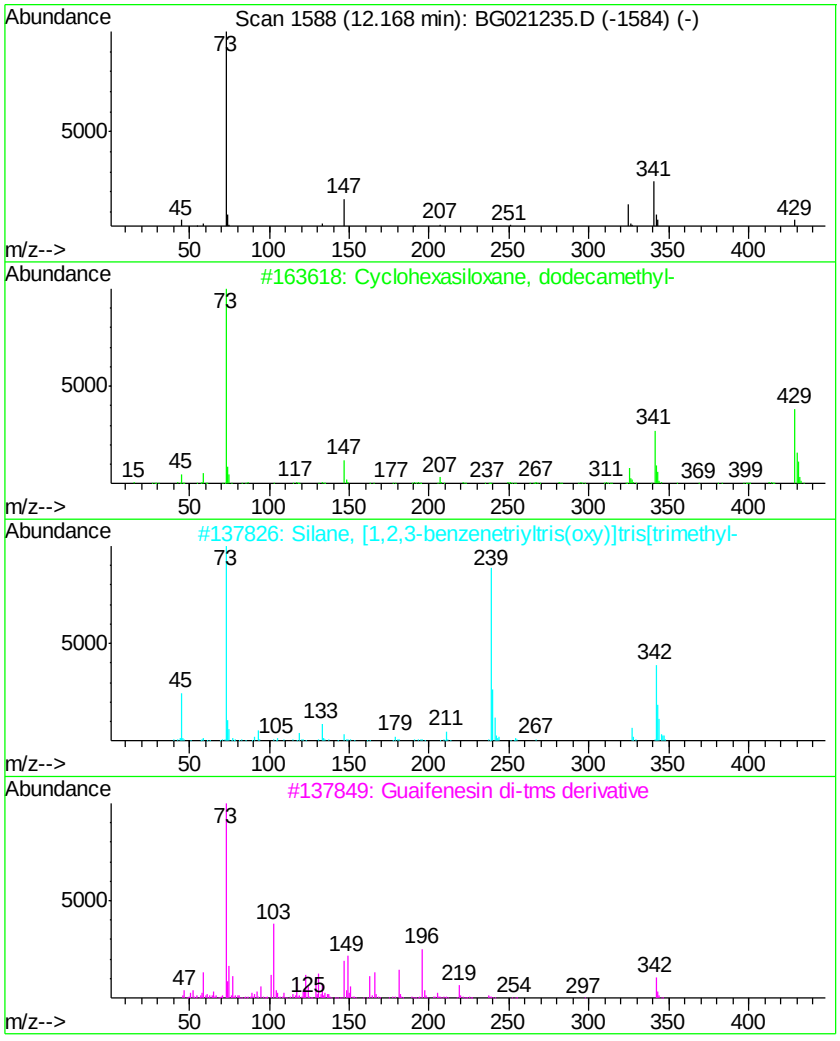
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

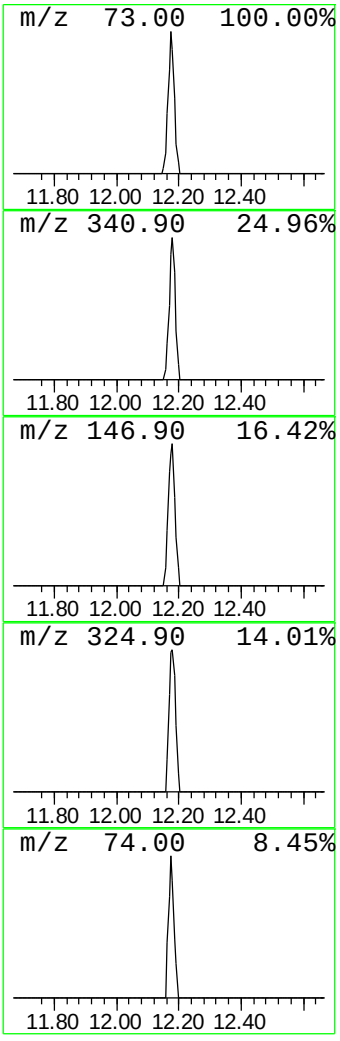
****

Peak Number 6 Cyclohexasiloxane, dodecame... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	5.02 ng	28282	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	86
2	Silane, [1,2,3-benzenetriyltris(...	342	C15H30O3Si3	017864-23-2	16
3	Guaifenesin di-tms derivative	342	C16H30O4Si2	107966-19-8	10
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	10
5	2,2'-Bis(trimethylsilyloxy)diphe...	344	C19H28O2Si2	097993-26-5	10





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Operator : UM/SJ
Sample : H1640-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WEST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

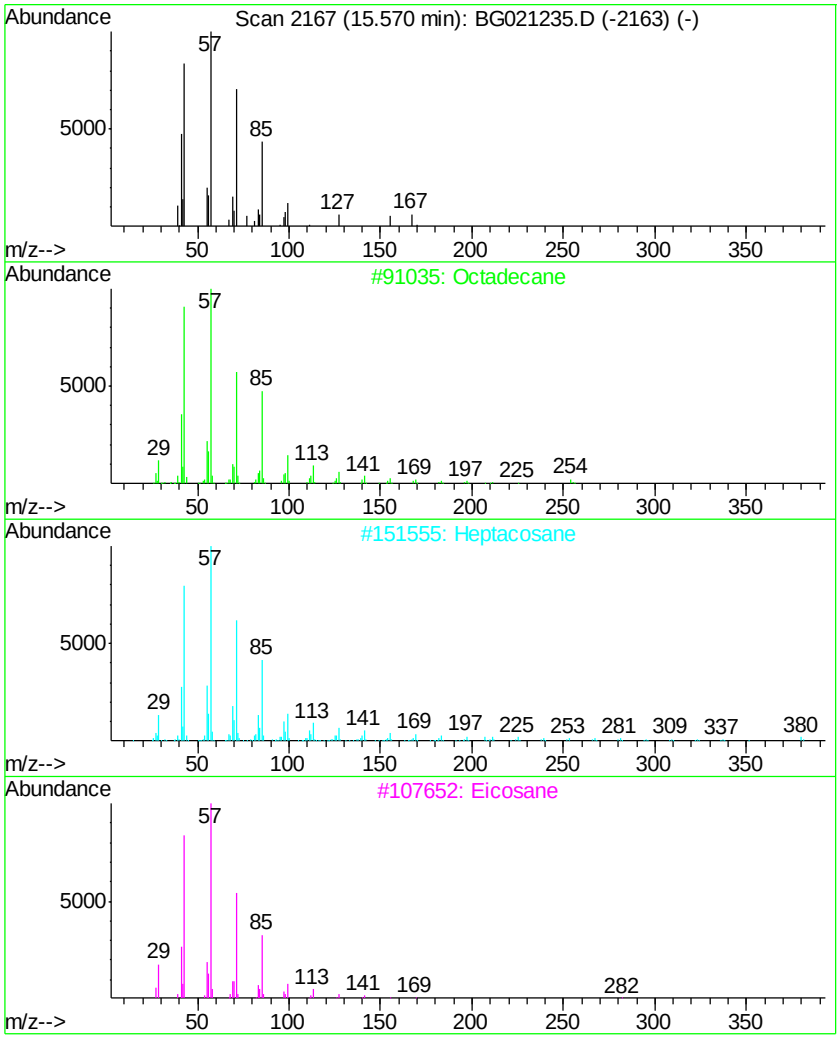
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

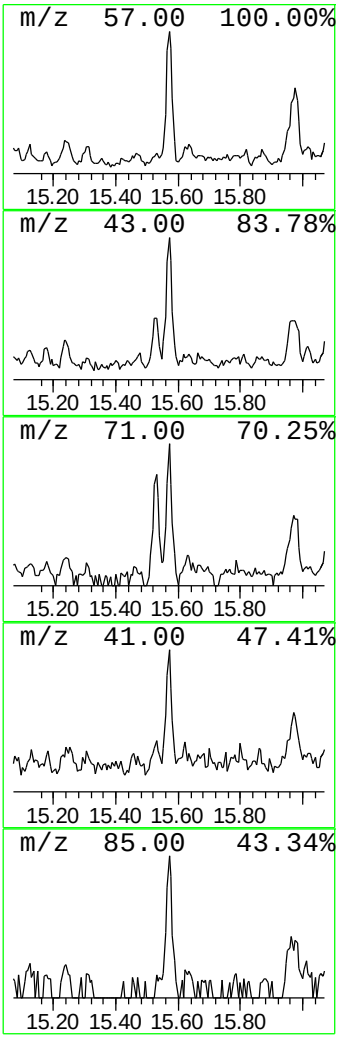
****

Peak Number 7 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.74 ng	22228	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Heptacosane	380	C27H56	000593-49-7	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Docosane	310	C22H46	000629-97-0	83
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	80





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Operator : UM/SJ
Sample : H1640-12
Misc :
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Instrument : BNA_G
ClientSampleId : WEST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

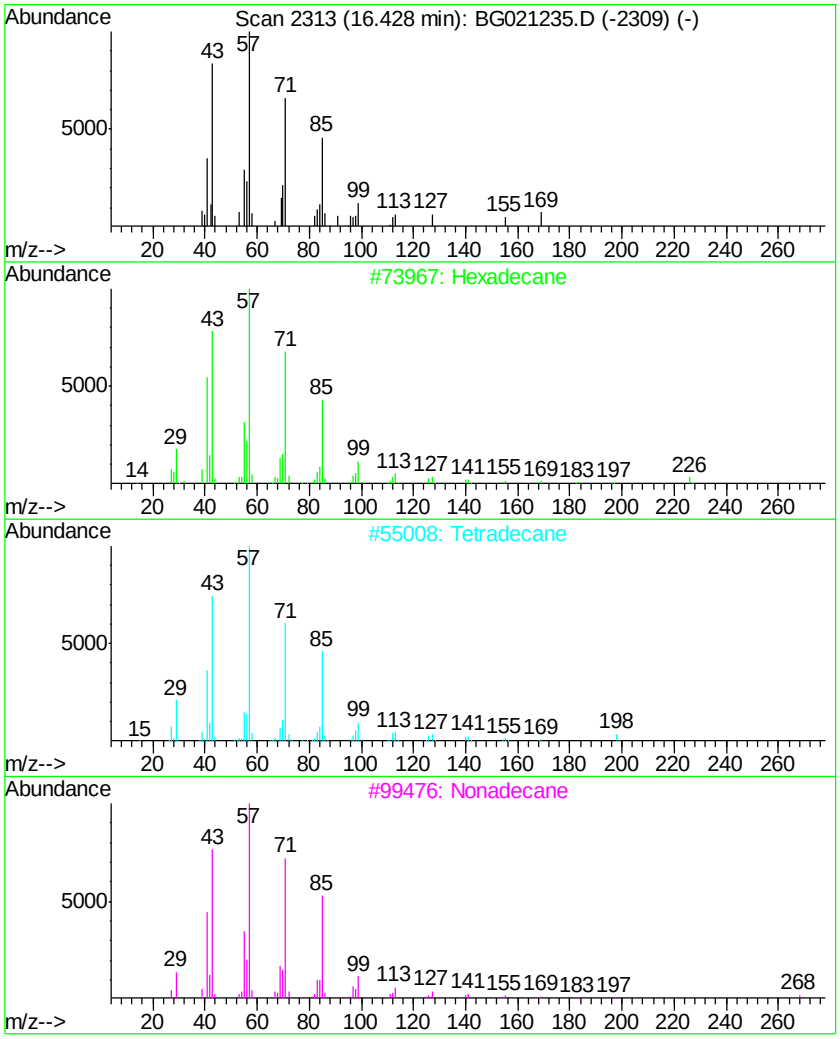
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

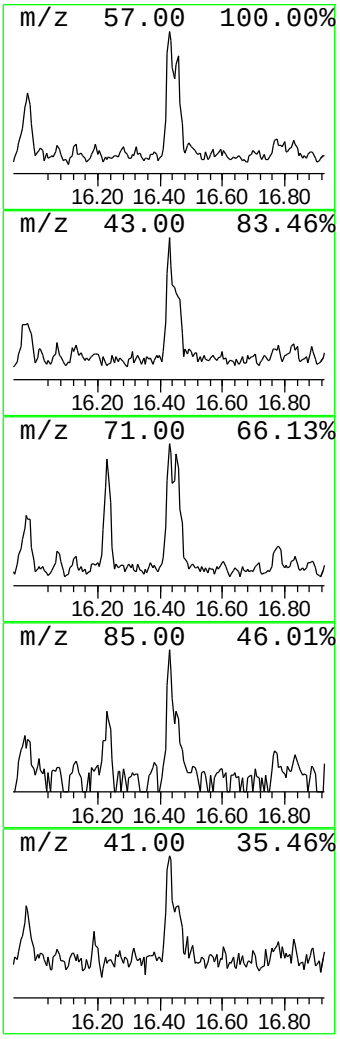
****

Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.60 ng	23608	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	80
3	Nonadecane	268	C19H40	000629-92-5	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72





Tentatively Identified Compound (LSC) summary

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Data File : BG021235.D
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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	374.1	ng	1218000	1	8.14	65125	20.0
2-Pentanone, 4-hy...	5.23	22.7	ng	74063	1	8.14	65125	20.0
unknown7.67	7.67	136.1	ng	443005	1	8.14	65125	20.0
Hexanoic acid, 2-...	9.41	5.0	ng	16383	1	8.14	65125	20.0
Cyclohexasiloxane...	12.17	5.0	ng	28282	2	10.95	112660	20.0
Octadecane	15.57	2.7	ng	22228	3	14.75	162108	20.0
Hexadecane	16.43	2.6	ng	23608	4	17.49	181739	20.0