LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023720.D
Acq On : 15 Aug 2016 14:05
Operator : UM/SJ
Sample : H4452-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-1

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-BG080116.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	2.981	19	24	45	rBV	6361085	11620282	100.00%	16.770%
2	5.172	389	397	407	rBV	757871	1228985	10.58%	1.774%
3	5.648	470	478	496	rBV	3027668	5095178	43.85%	7.353%
4	7.269	746	754	766	rBV	3148101	5659201	48.70%	8.167%
5	7.639	809	817	827	rBV	3056006	5514380	47.45%	7.958%
6	8.103	889	896	904	rBV	557014	975087	8.39%	1.407%
7	8.432	944	952	961	rBV	2182494	3842773	33.07%	5.546%
8	9.290	1089	1098	1106	rBV	1942623	3654526	31.45%	5.274%
9	10.941	1371	1379	1388	rBV	790649	1444657	12.43%	2.085%
10	13.396	1787	1797	1808	rBV	4724885	7551219	64.98%	10.897%
11	14.225	1930	1938	1944	rBV	1372521	2093597	18.02%	3.021%
12	14.783	2025	2033	2041	rBV2	1176281	1906449	16.41%	2.751%
13	15.605	2168	2173	2178	rVB	92258	120765	1.04%	0.174%
14	16.281	2282	2288	2308	rBV	2955235	4980257	42.86%	7.187%
15	16.469	2315	2320	2329	rBV2	111360	189181	1.63%	0.273%
16	17.550	2497	2504	2516	rBV2	1182769	1855556	15.97%	2.678%
17	17.914	2558	2566	2573	rBV5	48515	136102	1.17%	0.196%
18	19.688	2863	2868	2877	rBV5	72514	123671	1.06%	0.178%
19	20.158	2942	2948	2956	rVB	5312756	7394249	63.63%	10.671%
20	21.873	3234	3240	3248	rBV2	1179287	2011831	17.31%	2.903%
21	25.280	3810	3820	3833	rBV3	590763	1895293	16.31%	2.735%

Sum of corrected areas: 69293239

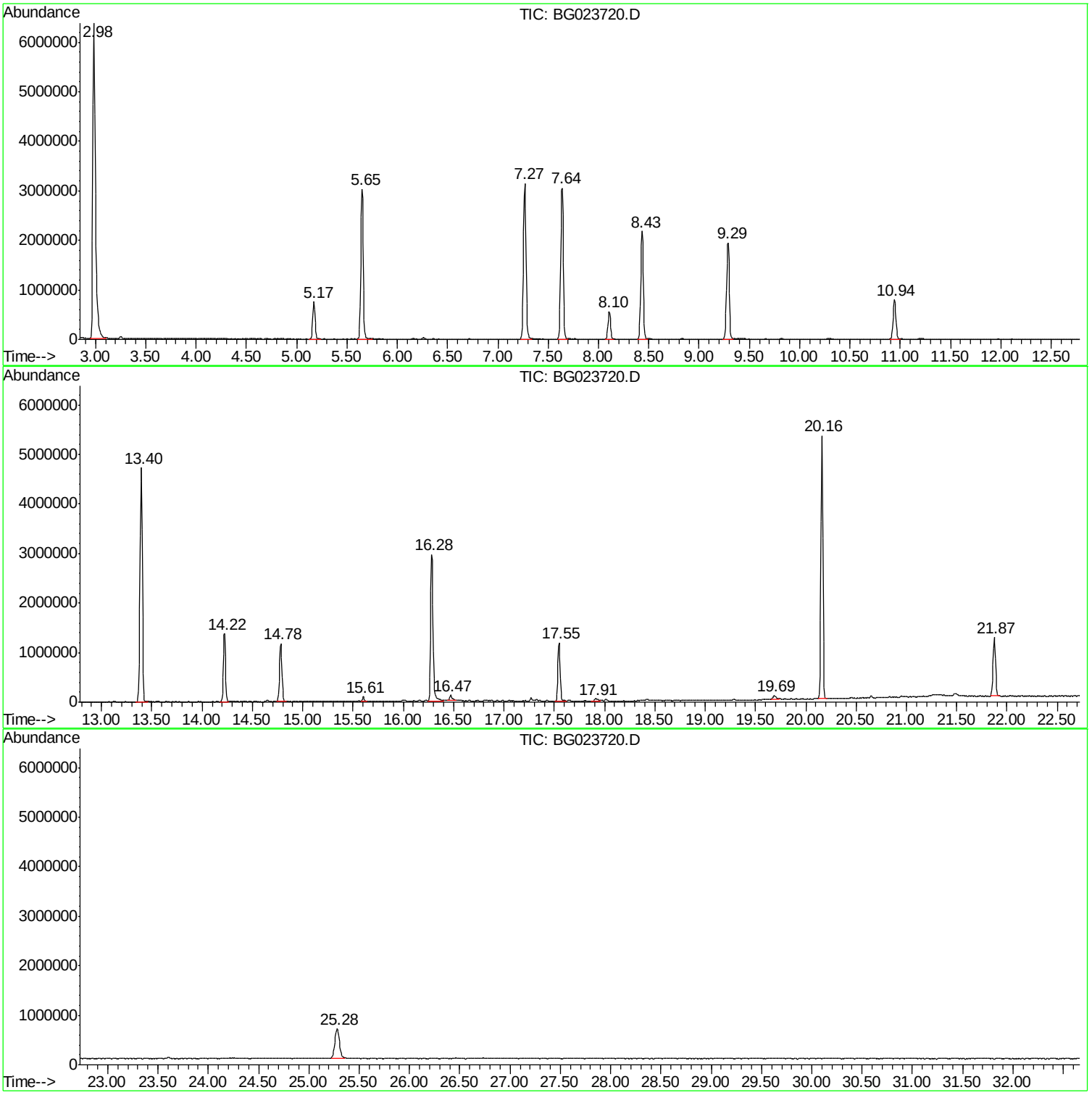
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023720.D
Acq On : 15 Aug 2016 14:05
Operator : UM/SJ
Sample : H4452-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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 : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023720.D
Acq On : 15 Aug 2016 14:05
Operator : UM/SJ
Sample : H4452-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

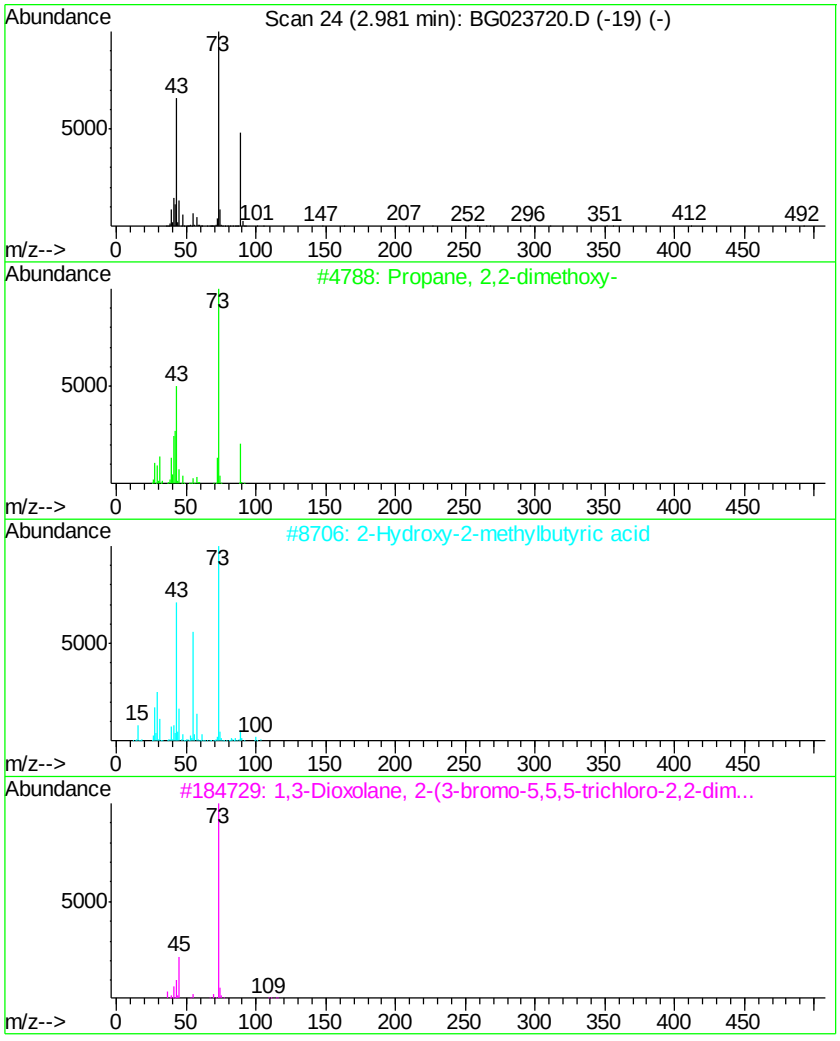
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

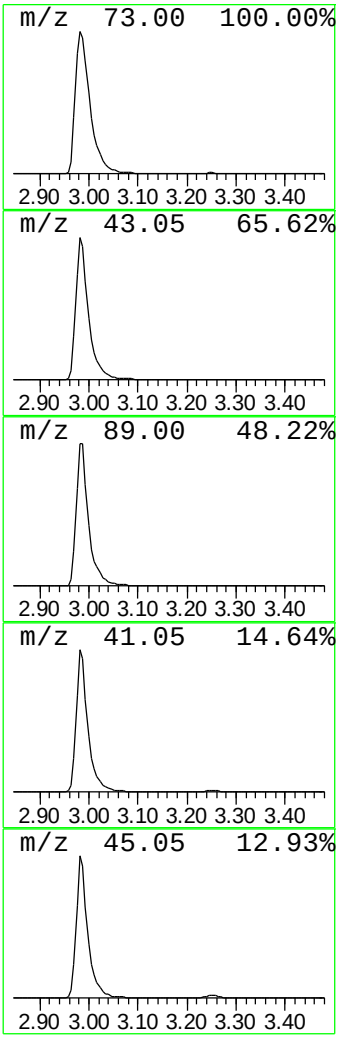
****

Peak Number 1 unknown2.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	238.34 ng	11620300	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	28
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
4	N-Methoxydiacetamide	131	C5H9NO3	128459-09-6	9
5	1-Propanol, 2-methyl-2-nitro-	119	C4H9NO3	000076-39-1	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023720.D
Acq On : 15 Aug 2016 14:05
Operator : UM/SJ
Sample : H4452-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

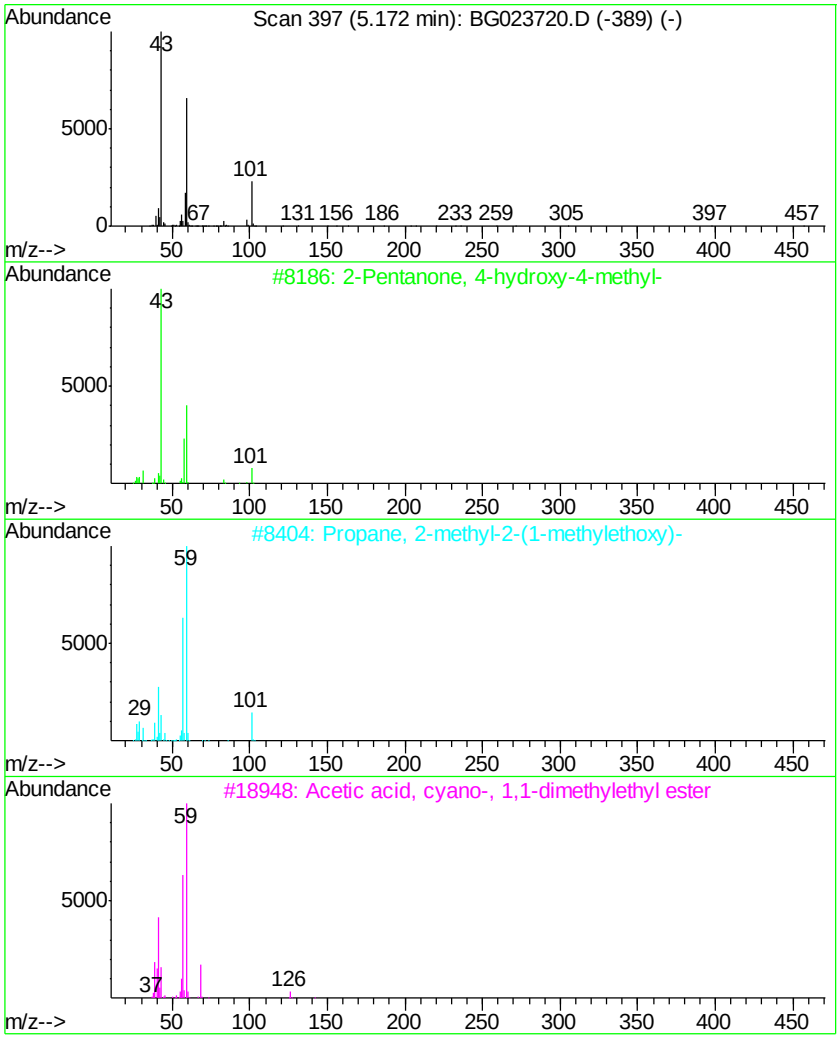
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

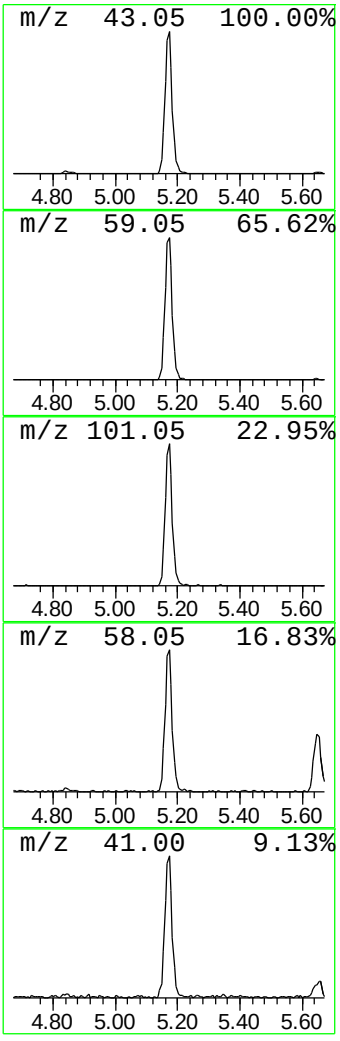
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	25.21 ng	1228990	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	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023720.D
Acq On : 15 Aug 2016 14:05
Operator : UM/SJ
Sample : H4452-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

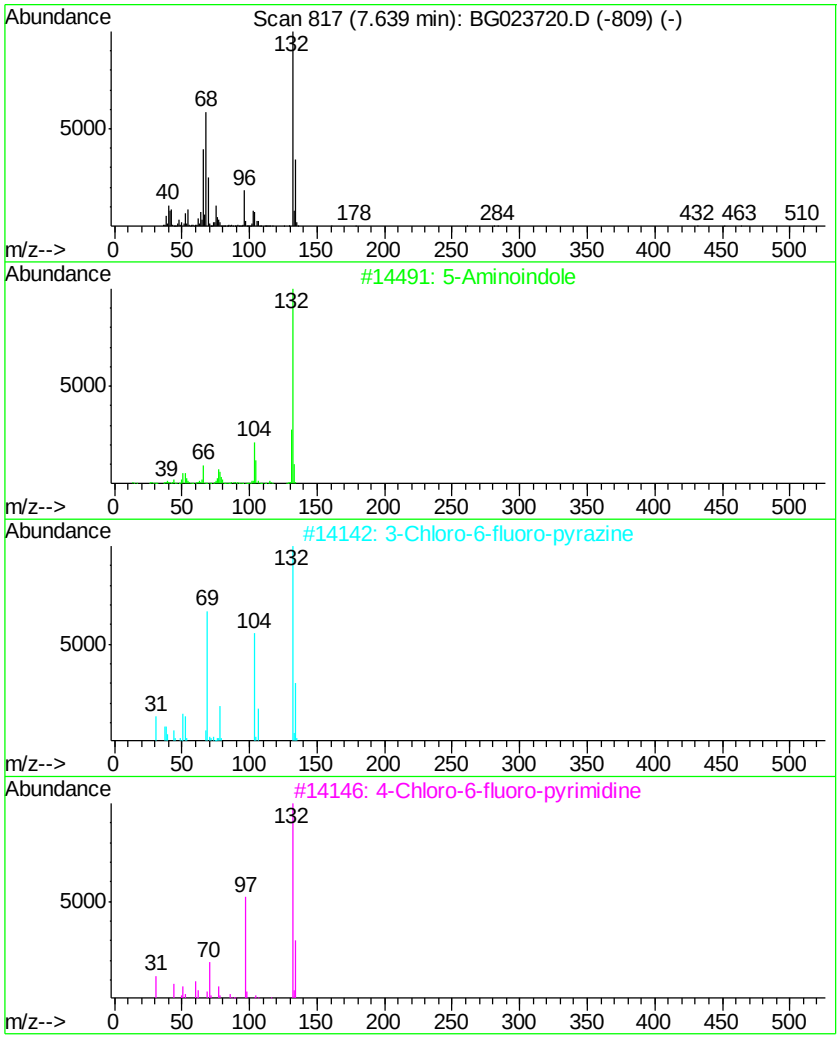
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

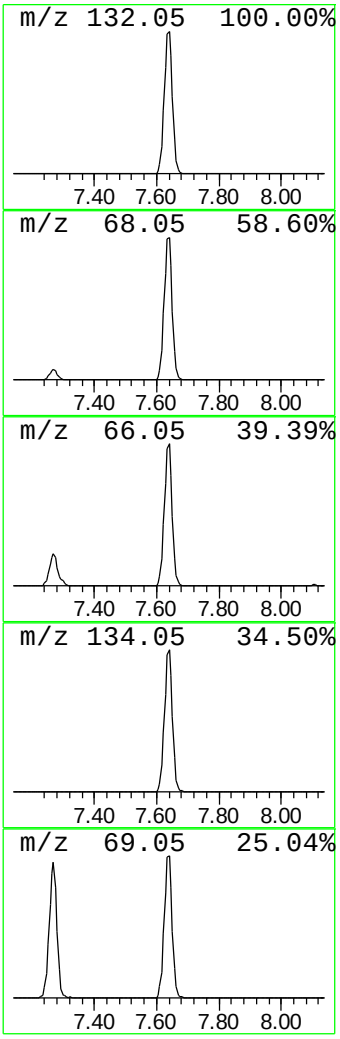
****

Peak Number 3 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	113.11 ng	5514380	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023720.D
Acq On : 15 Aug 2016 14:05
Operator : UM/SJ
Sample : H4452-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

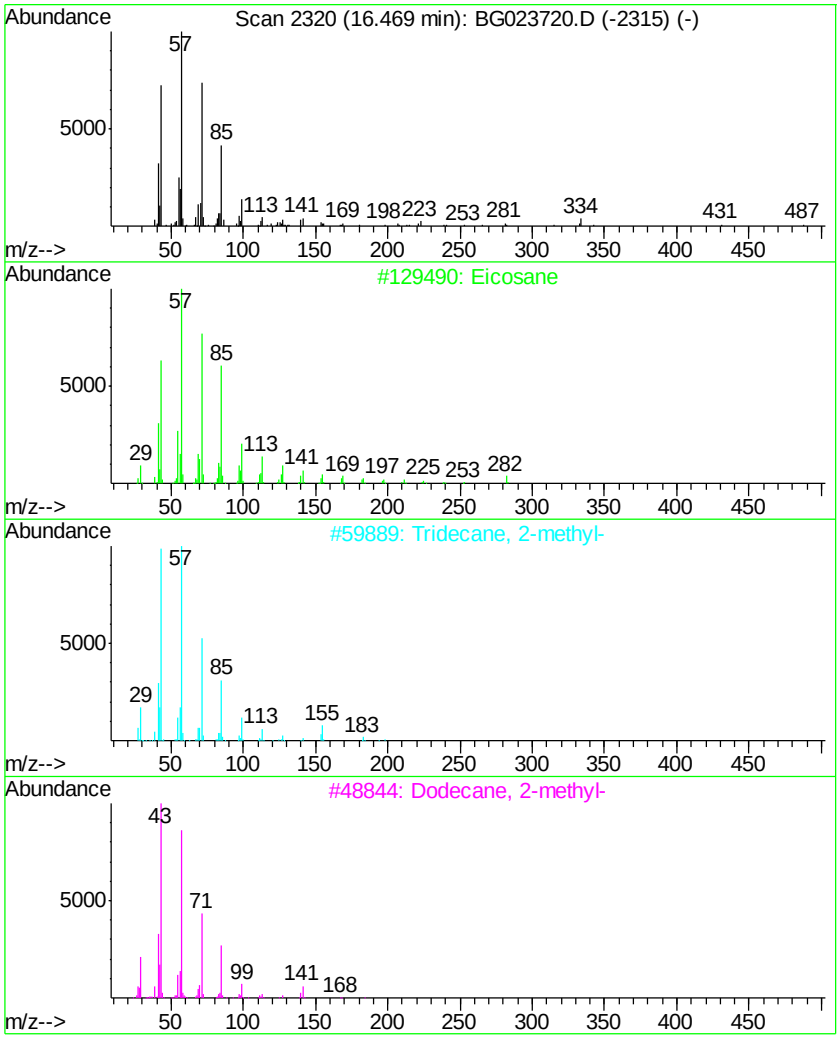
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

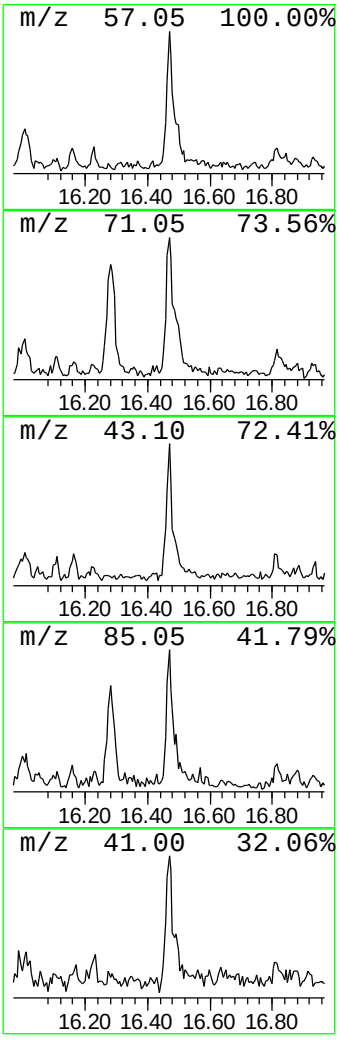
****

Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.04 ng	189181	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	86
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Tetradecane	198	C14H30	000629-59-4	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023720.D
Acq On : 15 Aug 2016 14:05
Operator : UM/SJ
Sample : H4452-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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
unknown2.98	2.98	238.3	ng	11620300	1	8.10	975087	20.0
2-Pentanone, 4-hy...	5.17	25.2	ng	1228990	1	8.10	975087	20.0
unknown7.64	7.64	113.1	ng	5514380	1	8.10	975087	20.0
Eicosane	16.47	2.0	ng	189181	4	17.55	1855560	20.0