LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023040.D
Acq On : 12 Jul 2016 17:24
Operator : UM/SJ
Sample : H3937-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-18B-9-11

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-BG070816.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	2.896	5	10	29	rVB	594177	1315165	13.80%	2.062%
2	3.037	29	34	54	rVV	5890409	9272043	97.29%	14.536%
3	3.184	54	59	76	rVB	500846	1005959	10.56%	1.577%
4	3.801	160	164	173	rBV2	117559	201923	2.12%	0.317%
5	5.223	401	406	416	rVB	152265	233226	2.45%	0.366%
6	5.698	480	487	498	rBV	2105664	3414117	35.82%	5.352%
7	7.308	754	761	776	rVB	2426978	4304405	45.16%	6.748%
8	7.684	817	825	836	rBV	2209021	3888954	40.81%	6.097%
9	8.154	898	905	912	rBV	340392	605576	6.35%	0.949%
10	8.478	951	960	968	rBV	1514044	2714245	28.48%	4.255%
11	9.329	1097	1105	1114	rBV	1511825	2762303	28.98%	4.330%
12	10.986	1378	1387	1395	rBV	539012	975110	10.23%	1.529%
13	13.425	1792	1802	1808	rBV	4128826	6624100	69.50%	10.385%
14	14.247	1936	1942	1947	rBV	774712	1143033	11.99%	1.792%
15	14.805	2031	2037	2047	rVB2	967116	1619758	17.00%	2.539%
16	16.304	2280	2292	2301	rBV	4120491	6365160	66.79%	9.979%
17	17.291	2455	2460	2463	rBV2	139443	186049	1.95%	0.292%
18	17.567	2499	2507	2517	rBV	1295876	2104647	22.08%	3.299%
19	18.031	2582	2586	2595	rVB2	141820	200389	2.10%	0.314%
20	18.431	2650	2654	2659	rBV2	166827	232862	2.44%	0.365%
21	20.170	2943	2950	2956	rBV	6978172	9530415	100.00%	14.941%
22	21.486	3169	3174	3189	rBV7	113203	341552	3.58%	0.535%
23	21.874	3233	3240	3248	rBV	1383787	2358604	24.75%	3.698%
24	23.607	3529	3535	3545	rVB3	69961	156982	1.65%	0.246%
25	25.258	3805	3816	3831	rBV2	725133	2231699	23.42%	3.499%

Sum of corrected areas: 63788276

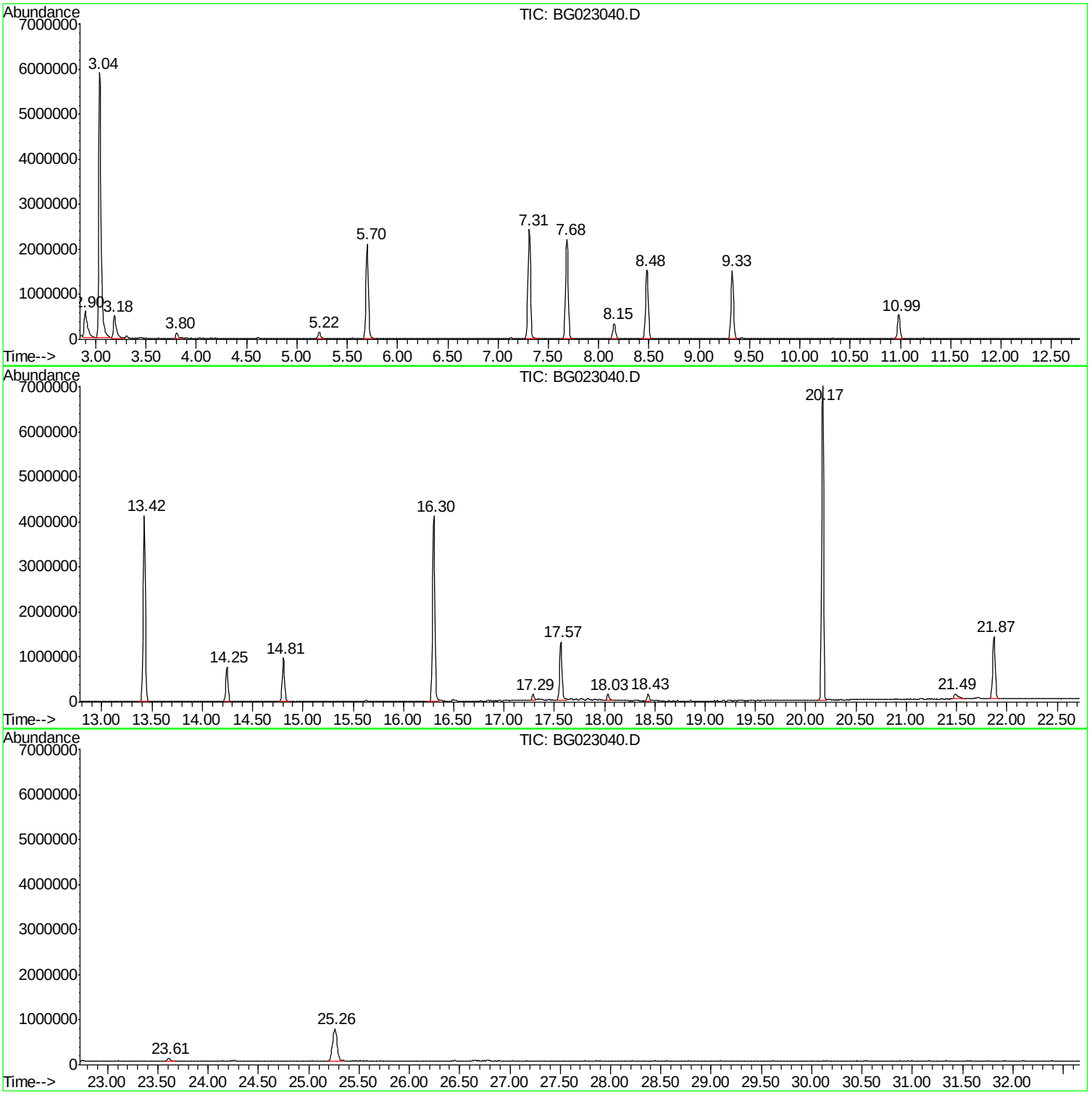
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023040.D
Acq On : 12 Jul 2016 17:24
Operator : UM/SJ
Sample : H3937-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-18B-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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\BG071216\
Data File : BG023040.D
Acq On : 12 Jul 2016 17:24
Operator : UM/SJ
Sample : H3937-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-18B-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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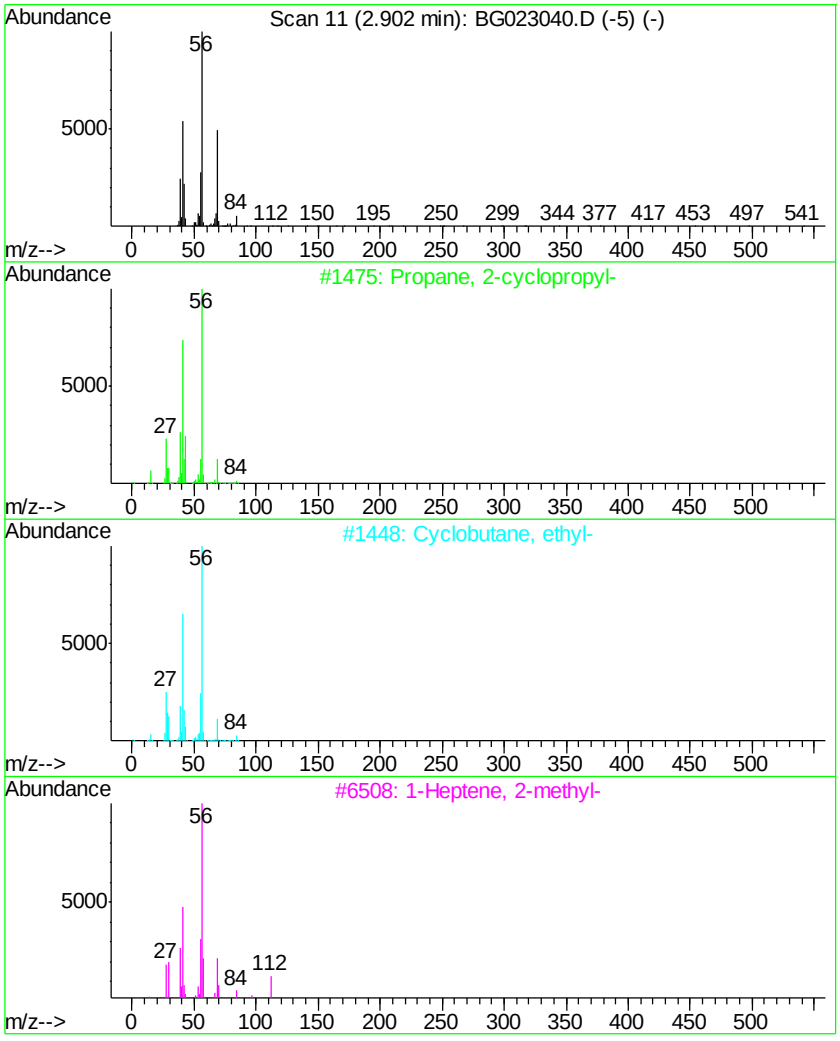
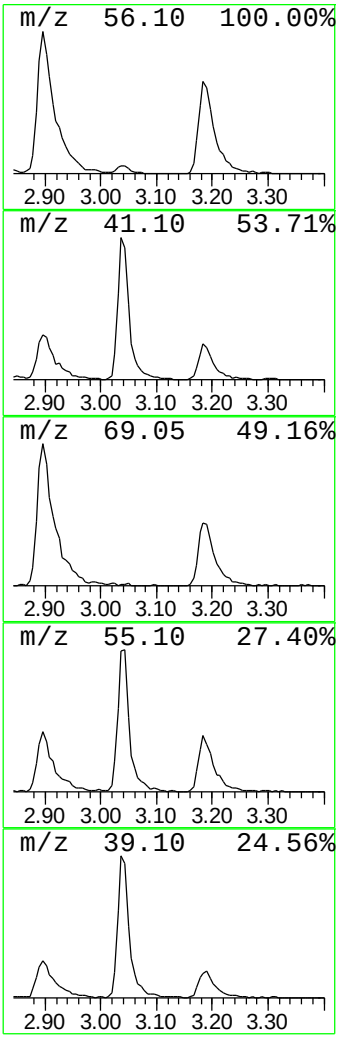
Peak Number 1 Propane, 2-cyclopropyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	43.44 ng	1315170	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	80
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	56





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023040.D
Acq On : 12 Jul 2016 17:24
Operator : UM/SJ
Sample : H3937-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-18B-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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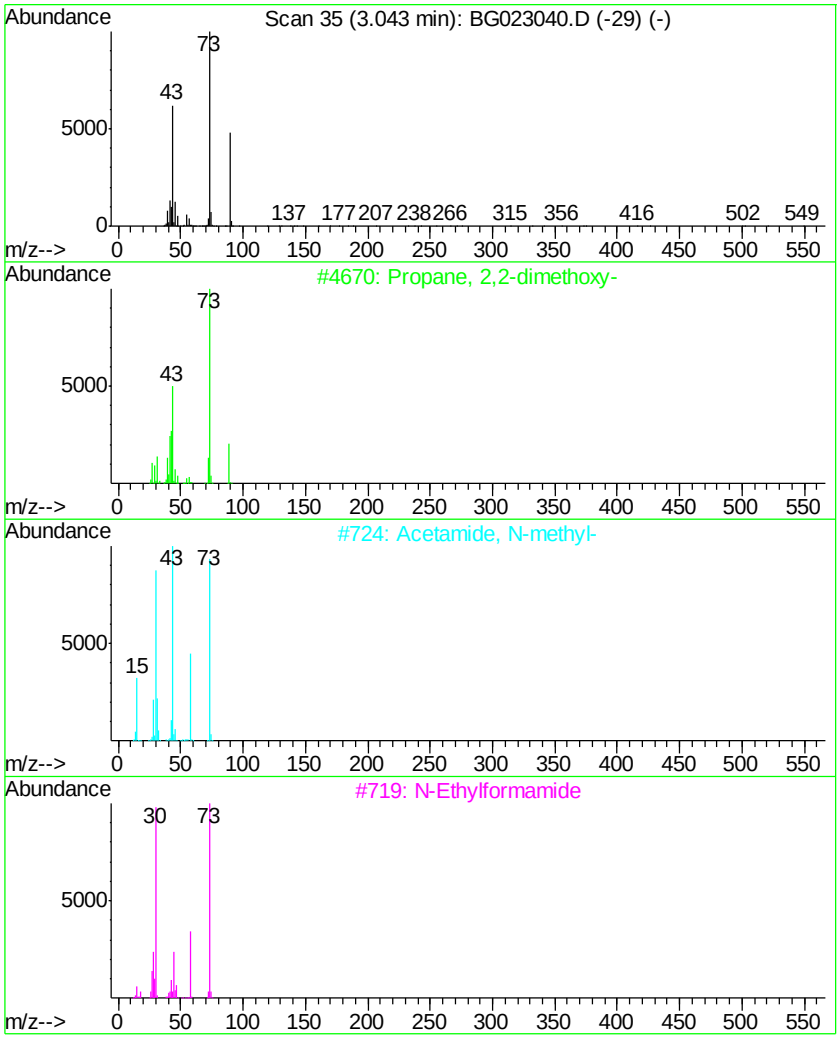
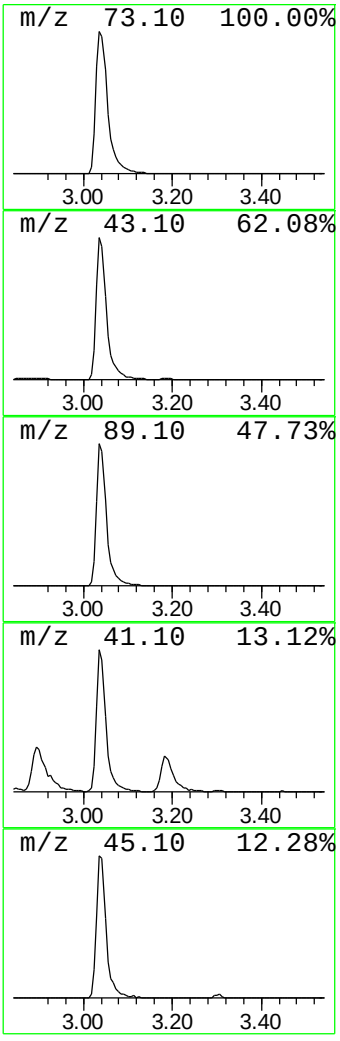
Peak Number 2 unknown3.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	306.22 ng	9272040	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023040.D
Acq On : 12 Jul 2016 17:24
Operator : UM/SJ
Sample : H3937-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-18B-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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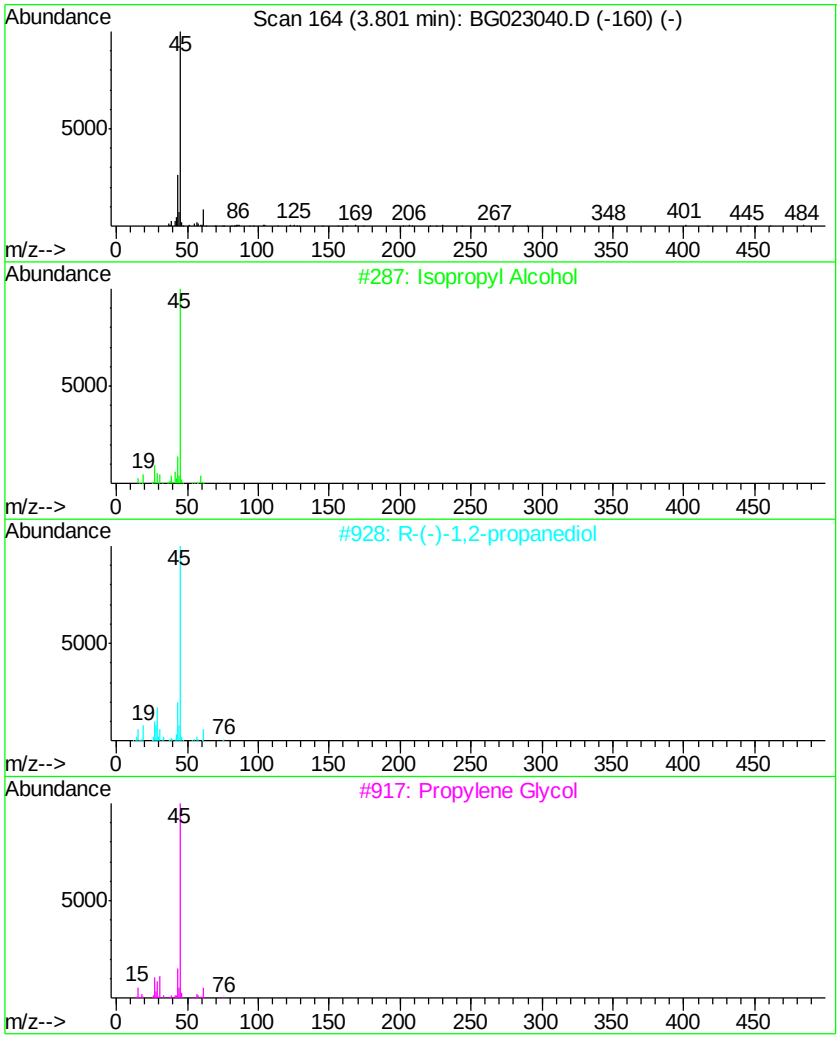
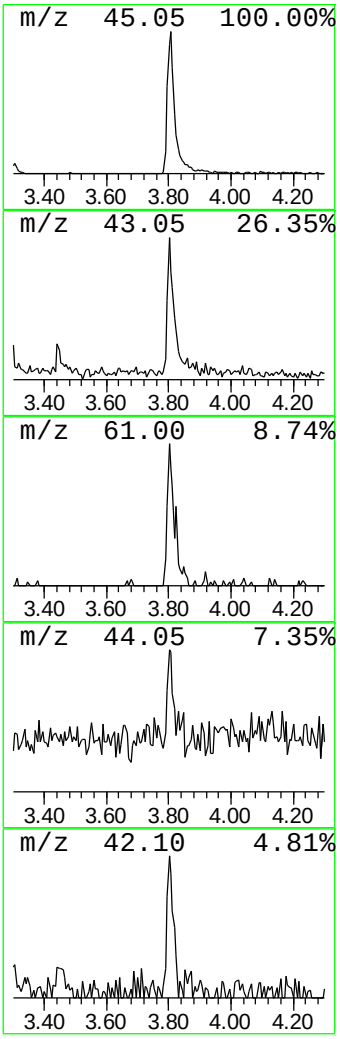
Peak Number 4 unknown3.80 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	6.67 ng	201923	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	45
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	39
3	Propylene Glycol	76	C3H8O2	000057-55-6	9
4	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
5	2-Octanol	130	C8H18O	000123-96-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023040.D
Acq On : 12 Jul 2016 17:24
Operator : UM/SJ
Sample : H3937-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-18B-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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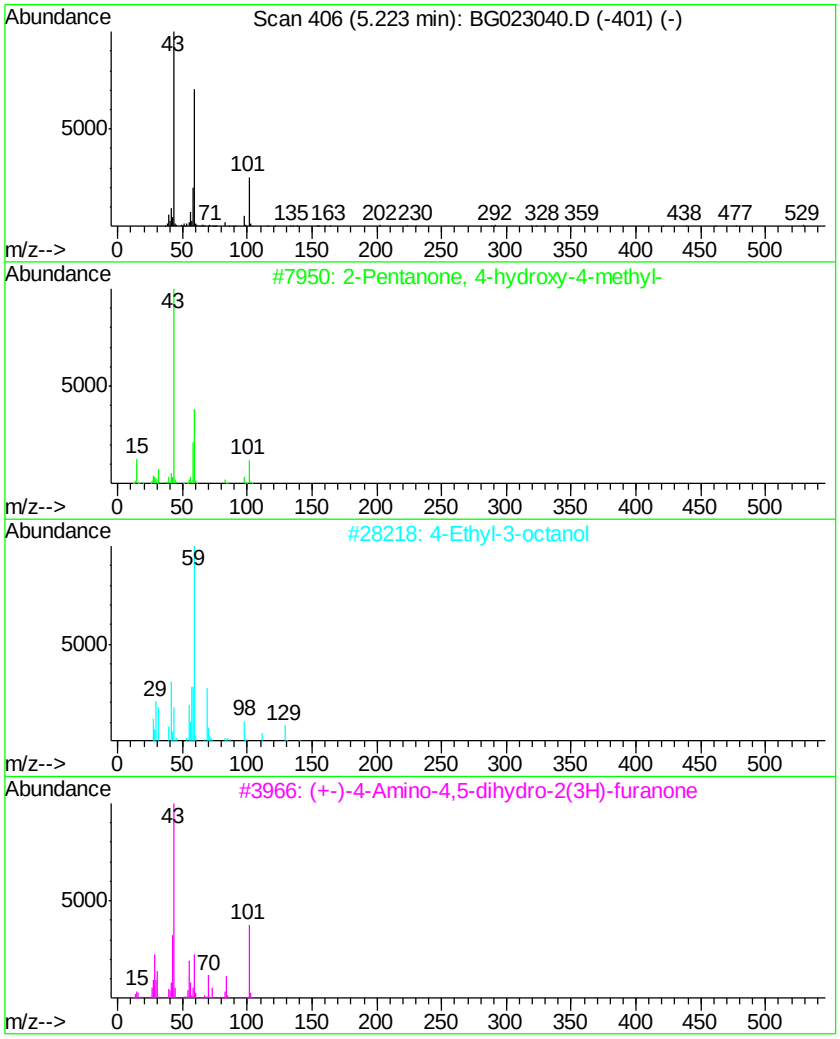
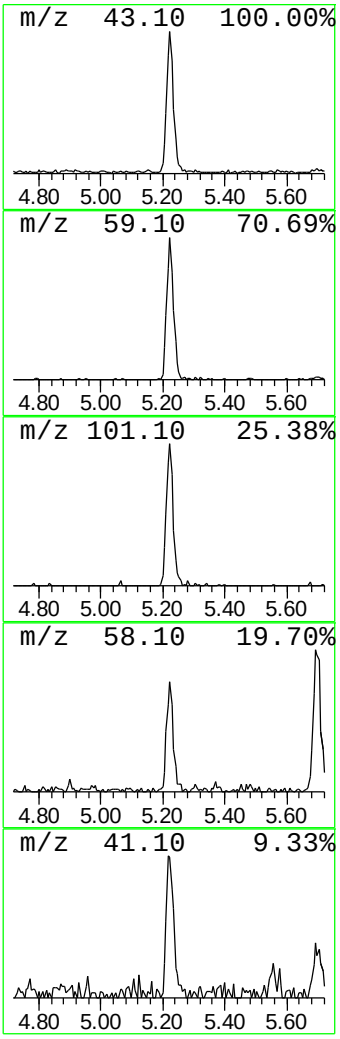
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	7.70 ng	233226	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	37
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35
4	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023040.D
Acq On : 12 Jul 2016 17:24
Operator : UM/SJ
Sample : H3937-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-18B-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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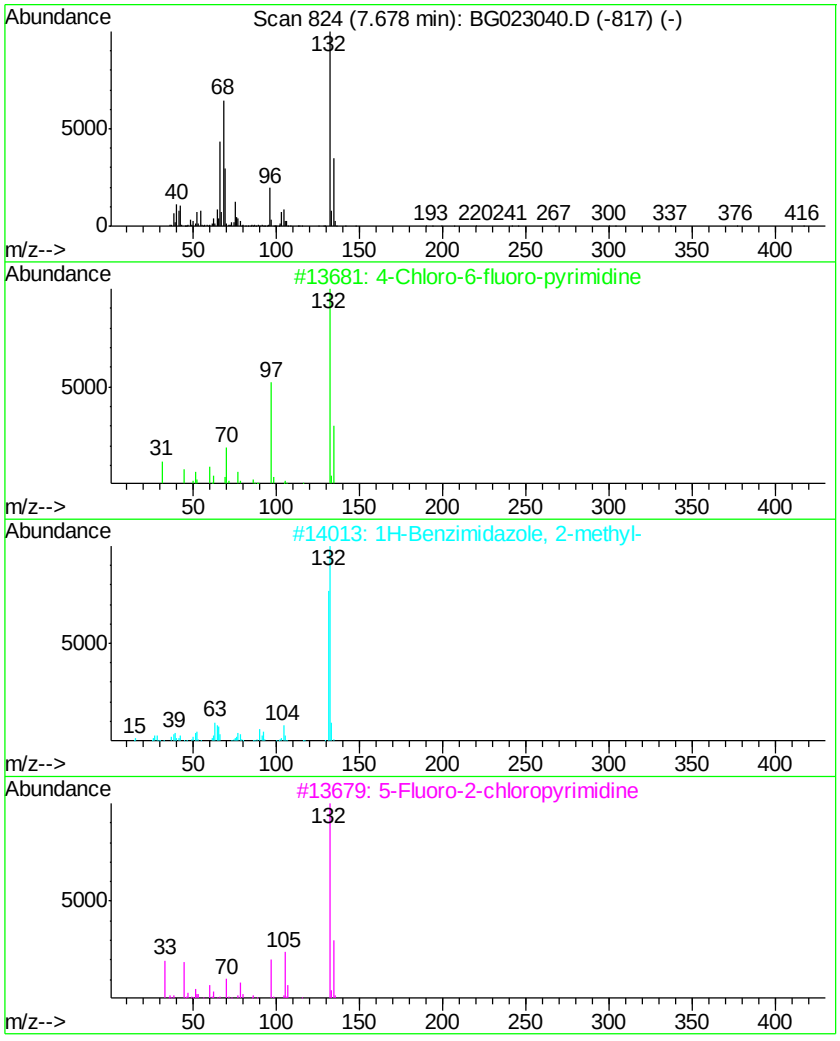
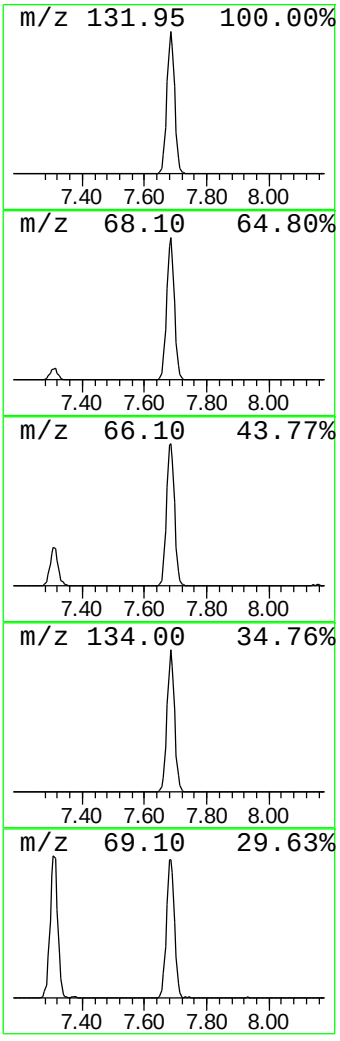
Peak Number 6 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	128.44 ng	3888950	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
4	Xenon	132	Xe	007440-63-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023040.D
Acq On : 12 Jul 2016 17:24
Operator : UM/SJ
Sample : H3937-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-18B-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

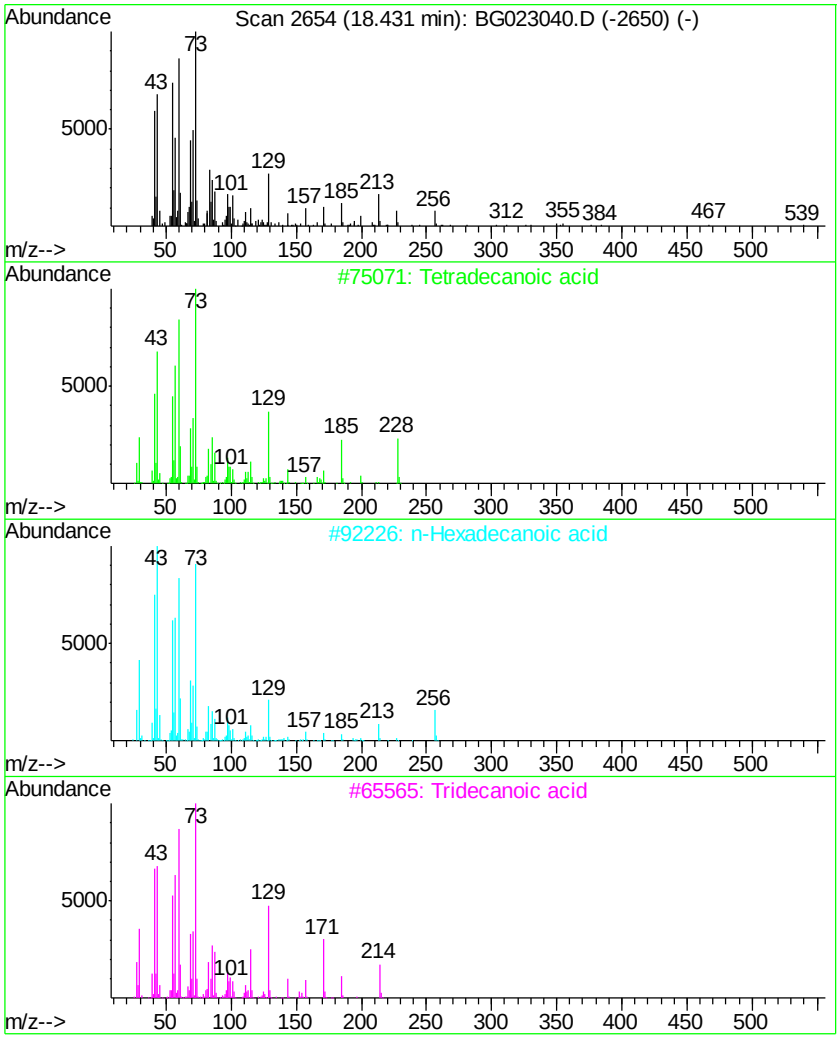
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

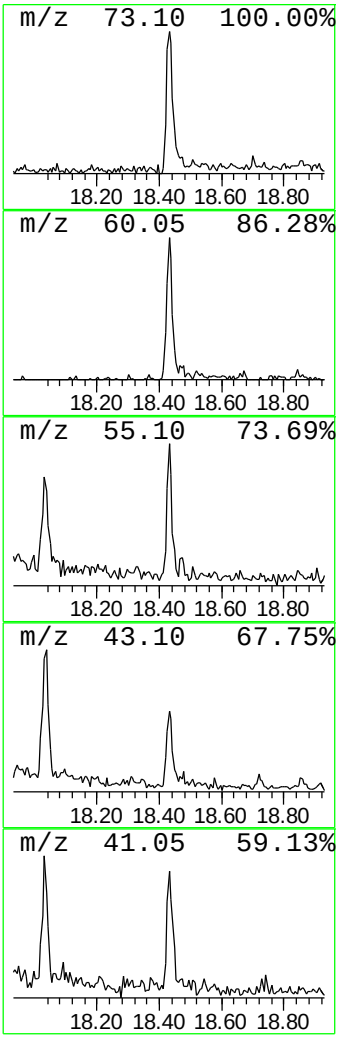
****

Peak Number 8 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.21 ng	232862	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49





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Acq On : 12 Jul 2016 17:24
Operator : UM/SJ
Sample : H3937-02
Misc :
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Instrument : BNA_G
ClientSampleId : LOCATION-18B-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

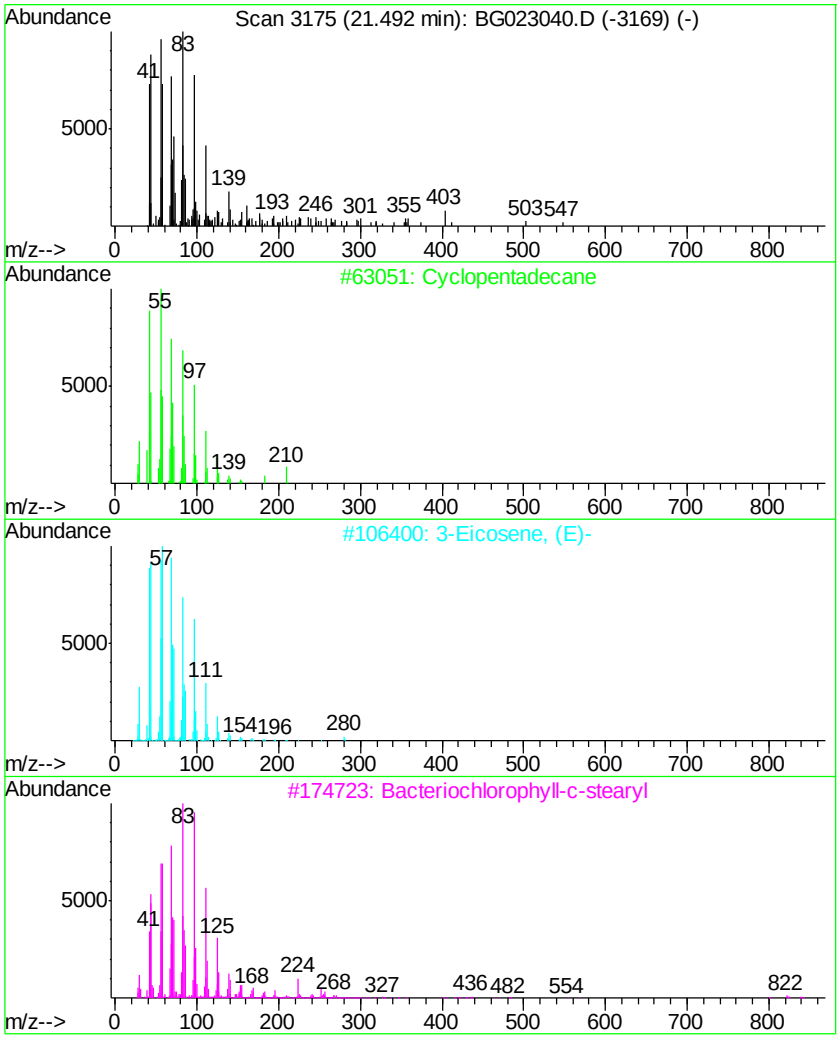
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

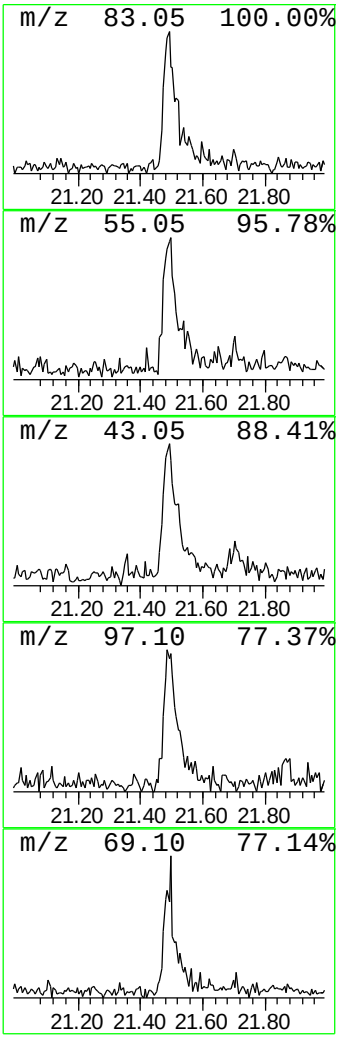
****

Peak Number 9 Cyclopentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.90 ng	341552	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	90
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
3	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	86
4	1-Heptadecanol	256	C17H36O	001454-85-9	62
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071216\
Data File : BG023040.D
Acq On : 12 Jul 2016 17:24
Operator : UM/SJ
Sample : H3937-02
Misc :
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Instrument : BNA_G
ClientSampleId : LOCATION-18B-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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-cyclop...	2.90	43.4	ng	1315170	1	8.15	605576	20.0
unknown3.04	3.04	306.2	ng	9272040	1	8.15	605576	20.0
unknown3.80	3.80	6.7	ng	201923	1	8.15	605576	20.0
2-Pentanone, 4-hy...	5.22	7.7	ng	233226	1	8.15	605576	20.0
unknown7.68	7.68	128.4	ng	3888950	1	8.15	605576	20.0
Tetradecanoic acid	18.43	2.2	ng	232862	4	17.57	2104650	20.0
Cyclopentadecane	21.49	2.9	ng	341552	5	21.87	2358600	20.0