LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021791.D
Acq On : 20 Apr 2016 19:03
Operator : UM/SJ
Sample : H2413-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-B-2(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-BG041316.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	3.099	38	44	65	rVB	1954382	3331051	100.00%	18.786%
2	3.363	85	89	99	rVB	22740	37862	1.14%	0.214%
3	5.291	411	417	428	rBV	58707	99490	2.99%	0.561%
4	5.772	491	499	511	rBV	661327	1152201	34.59%	6.498%
5	7.376	763	772	783	rBV	711659	1283216	38.52%	7.237%
6	7.752	828	836	848	rBV	708925	1258264	37.77%	7.096%
7	8.217	907	915	926	rBV	160098	284980	8.56%	1.607%
8	8.546	958	971	982	rVB	512167	927553	27.85%	5.231%
9	9.386	1106	1114	1126	rVB	431411	807079	24.23%	4.552%
10	11.037	1388	1395	1402	rBV	228875	417270	12.53%	2.353%
11	13.458	1797	1807	1815	rBV	1012241	1621608	48.68%	9.145%
12	14.268	1937	1945	1951	rBV	152733	230964	6.93%	1.303%
13	14.827	2026	2040	2047	rBV2	319642	538925	16.18%	3.039%
14	15.637	2174	2178	2184	rVB	37822	50586	1.52%	0.285%
15	16.307	2286	2292	2301	rBV	724182	1139623	34.21%	6.427%
16	16.495	2320	2324	2335	rBV	44222	86846	2.61%	0.490%
17	17.288	2455	2459	2463	rBV	34279	43951	1.32%	0.248%
18	17.564	2499	2506	2510	rBV2	365924	581165	17.45%	3.278%
19	17.606	2510	2513	2519	rVB	114928	172389	5.18%	0.972%
20	17.700	2525	2529	2533	rVB	23641	34026	1.02%	0.192%
21	18.481	2659	2662	2668	rVB	35709	51170	1.54%	0.289%
22	18.628	2682	2687	2690	rBV3	38597	67994	2.04%	0.383%
23	19.597	2847	2852	2858	rBV	296654	445547	13.38%	2.513%
24	19.962	2910	2914	2921	rVB	280150	403428	12.11%	2.275%
25	20.150	2940	2946	2951	rBV	1262696	1778471	53.39%	10.030%
26	21.442	3163	3166	3172	rVB3	100853	143042	4.29%	0.807%
27	21.842	3227	3234	3239	rBV2	340366	743051	22.31%	4.191%

Sum of corrected areas: 17731752

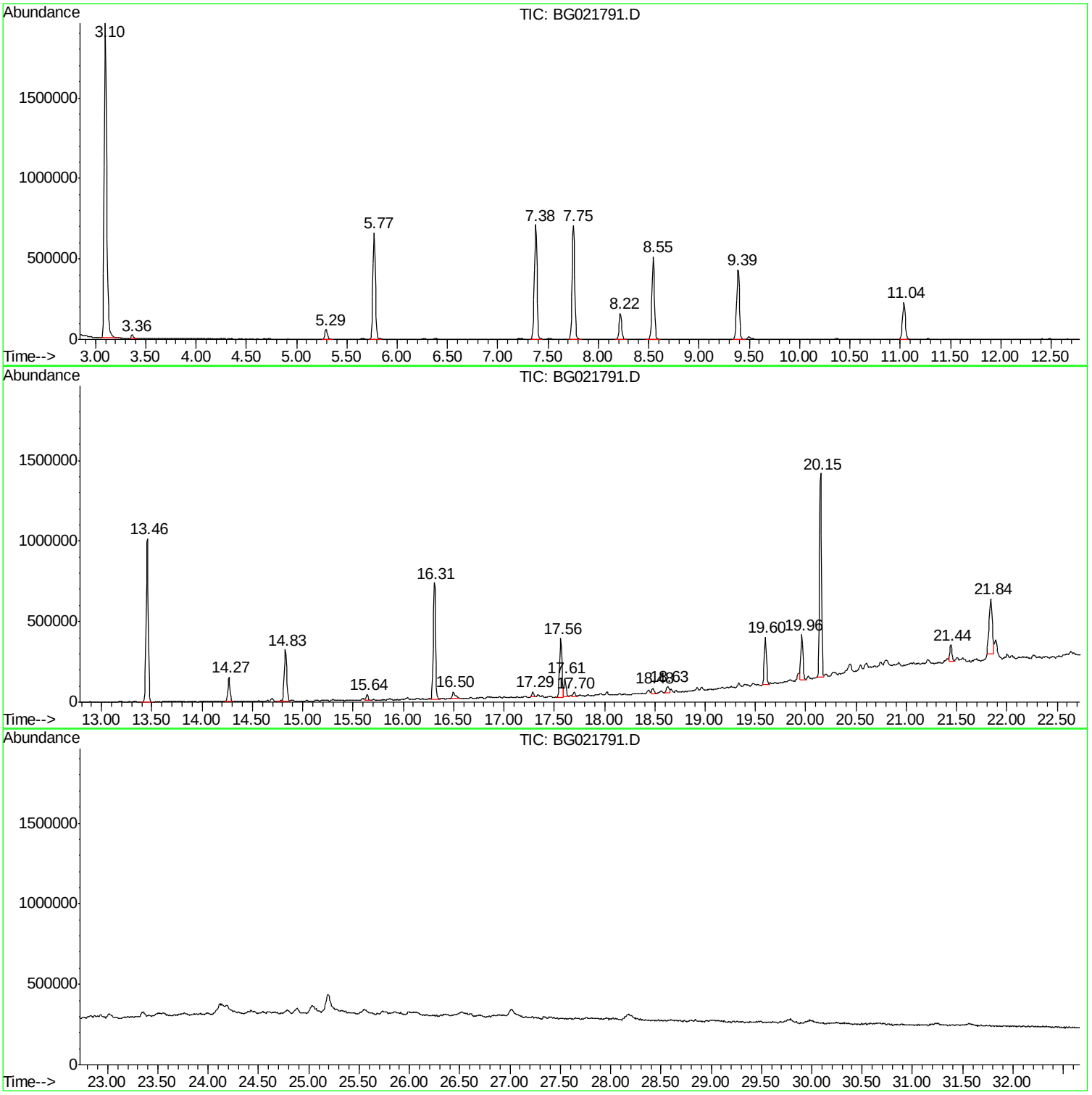
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021791.D
Acq On : 20 Apr 2016 19:03
Operator : UM/SJ
Sample : H2413-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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\BG042116\
Data File : BG021791.D
Acq On : 20 Apr 2016 19:03
Operator : UM/SJ
Sample : H2413-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

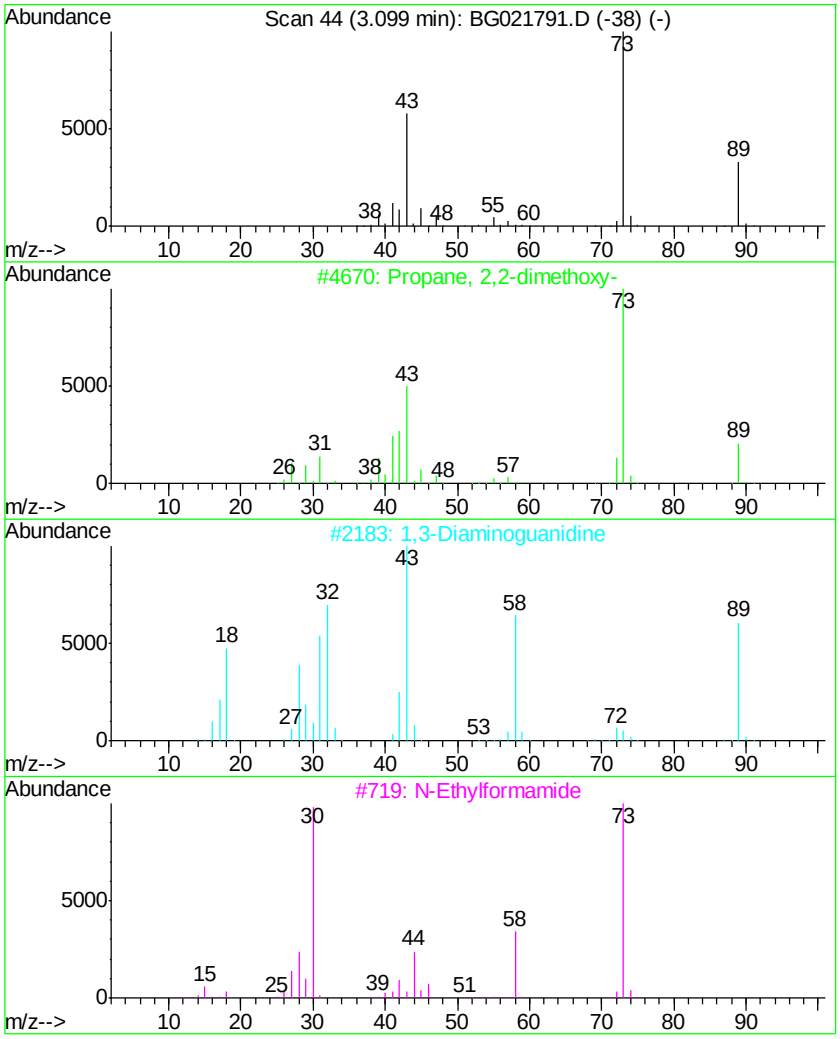
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

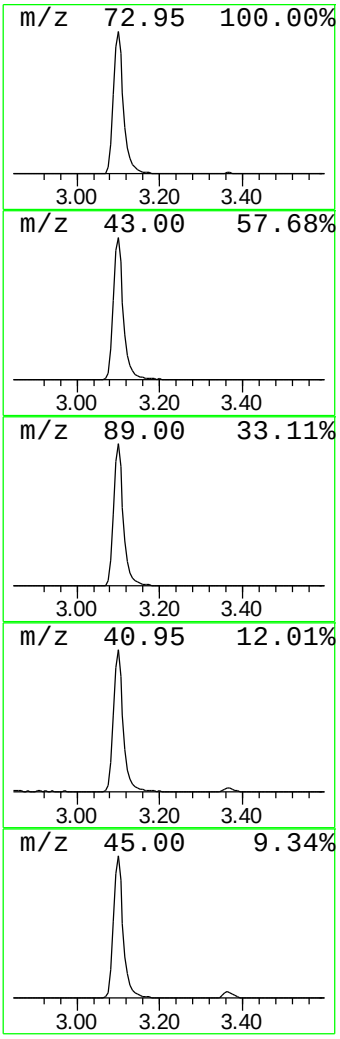
****

Peak Number 1 unknown3.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	233.77 ng	3331050	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021791.D
Acq On : 20 Apr 2016 19:03
Operator : UM/SJ
Sample : H2413-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

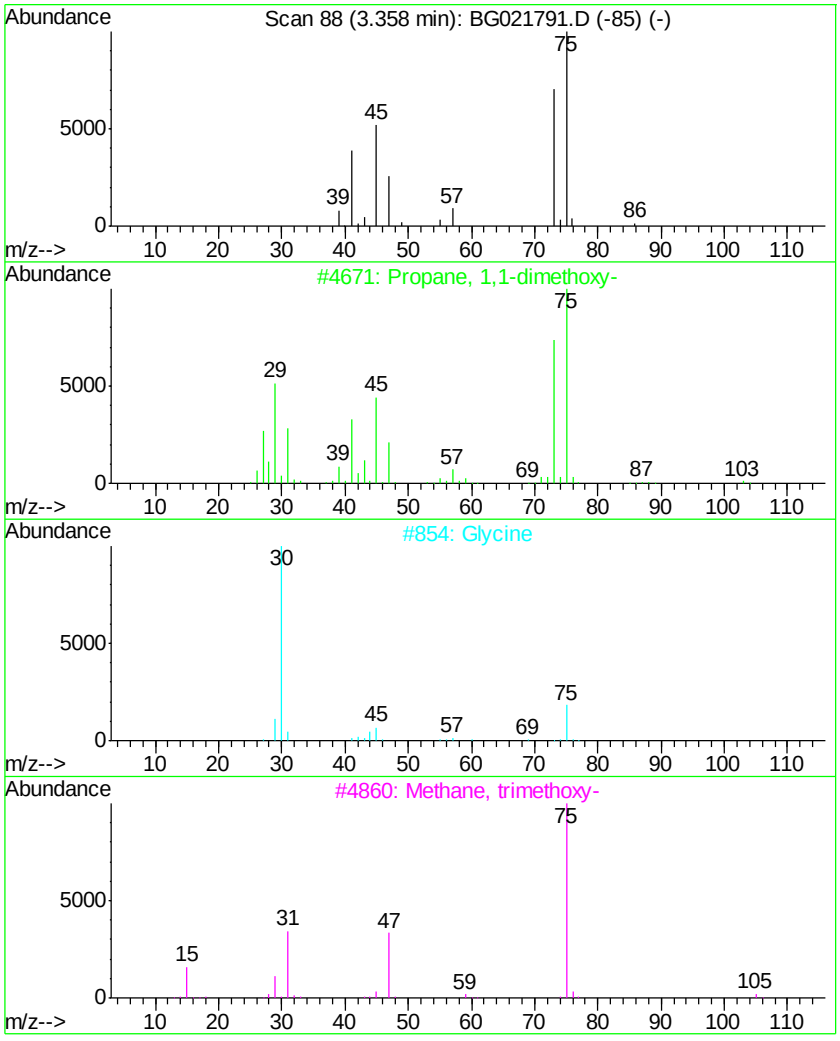
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

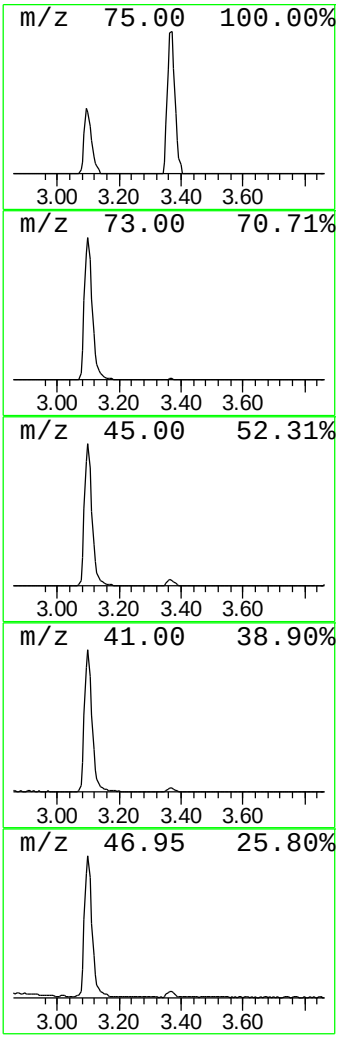
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	2.66 ng	37862	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Glycine	75	C2H5NO2	000056-40-6	9
3	Methane, trimethoxy-	106	C4H10O3	000149-73-5	9
4	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021791.D
Acq On : 20 Apr 2016 19:03
Operator : UM/SJ
Sample : H2413-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

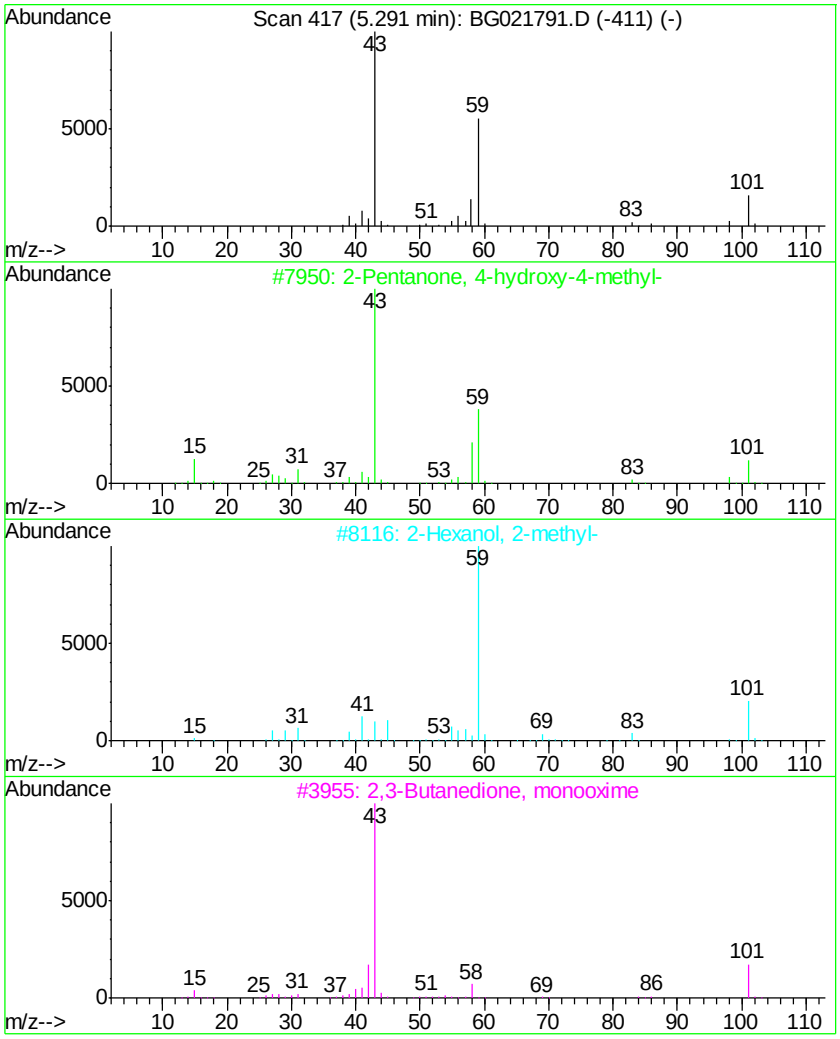
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

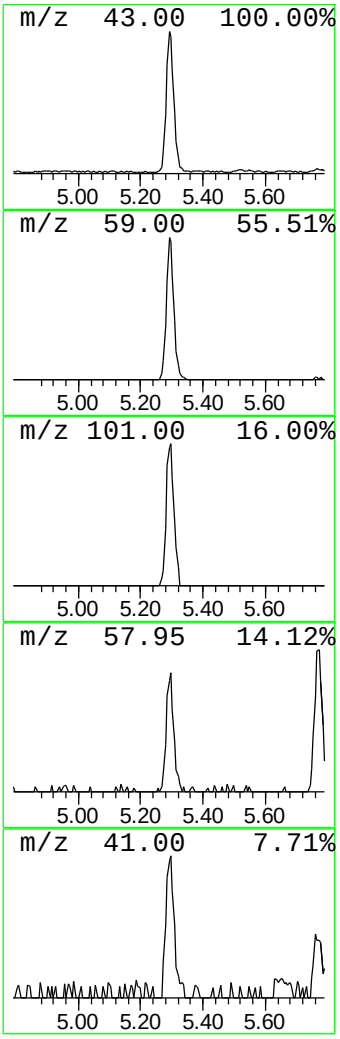
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	6.98 ng	99490	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021791.D
Acq On : 20 Apr 2016 19:03
Operator : UM/SJ
Sample : H2413-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

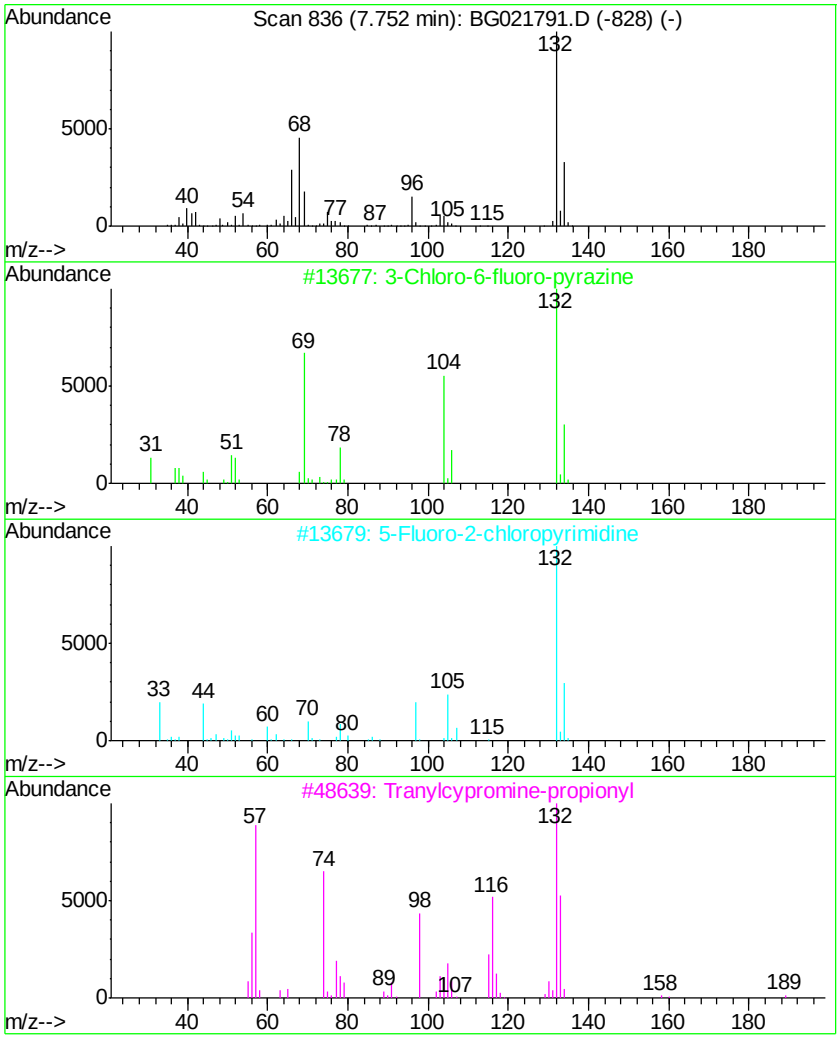
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

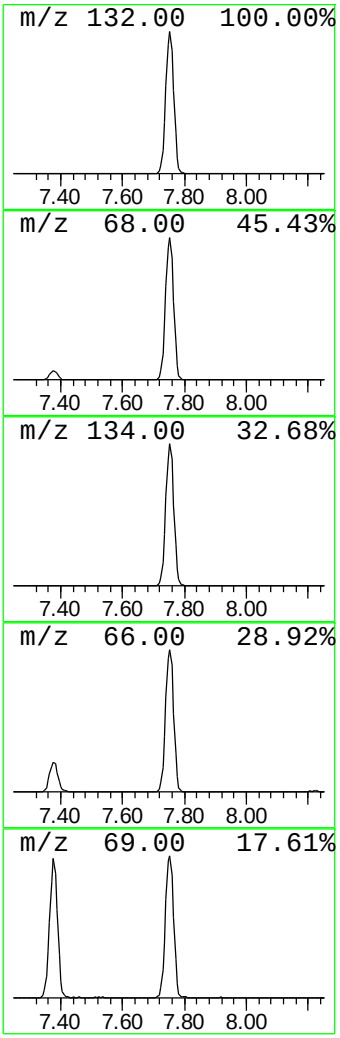
****

Peak Number 4 unknown7.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	88.31 ng	1258260	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021791.D
Acq On : 20 Apr 2016 19:03
Operator : UM/SJ
Sample : H2413-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

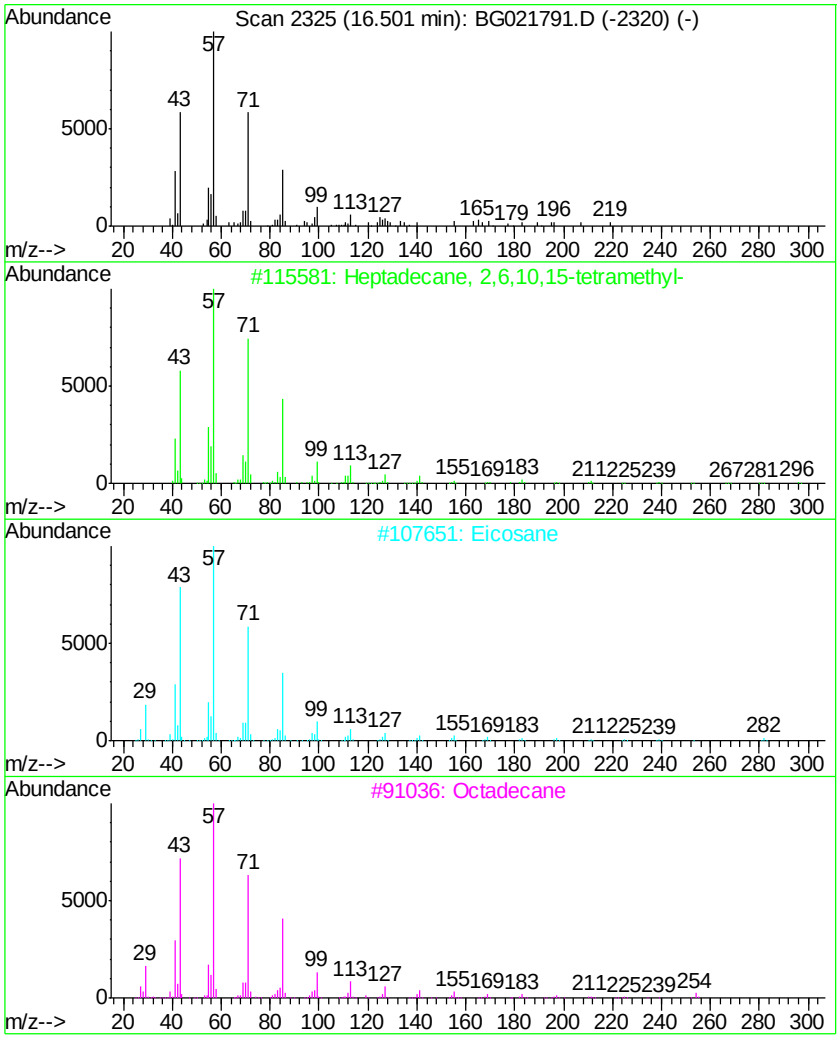
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

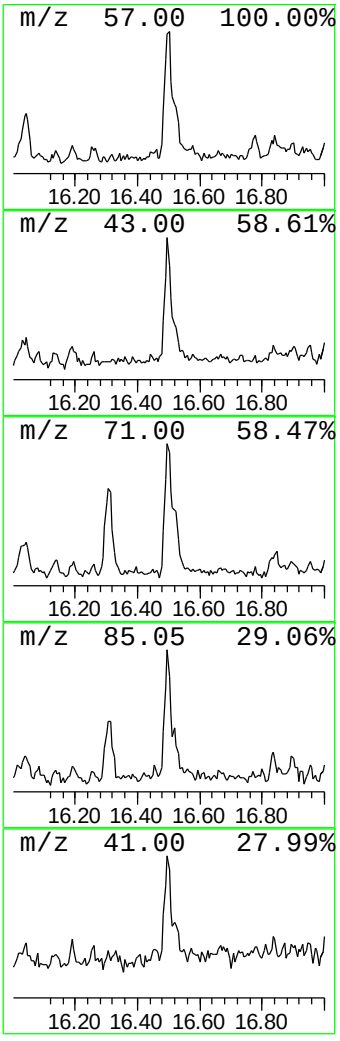
****

Peak Number 6 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.99 ng	86846	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Octadecane	254	C18H38	000593-45-3	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetracosane	338	C24H50	000646-31-1	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
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Operator : UM/SJ
Sample : H2413-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

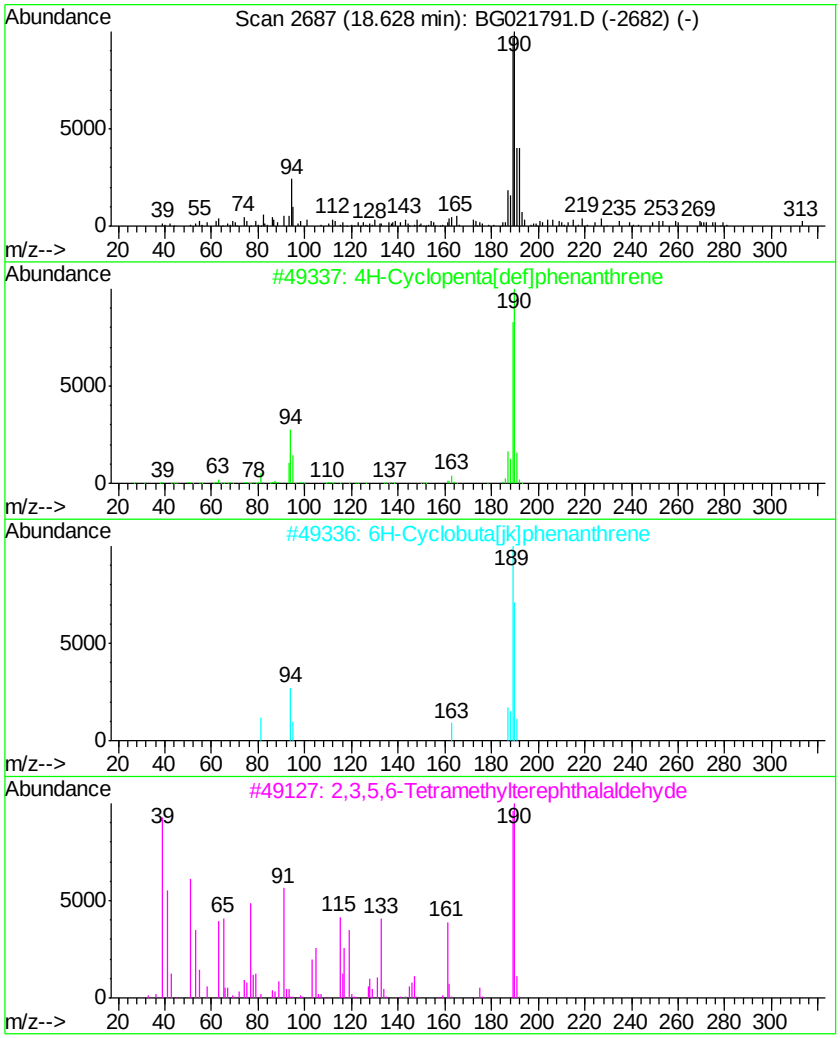
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

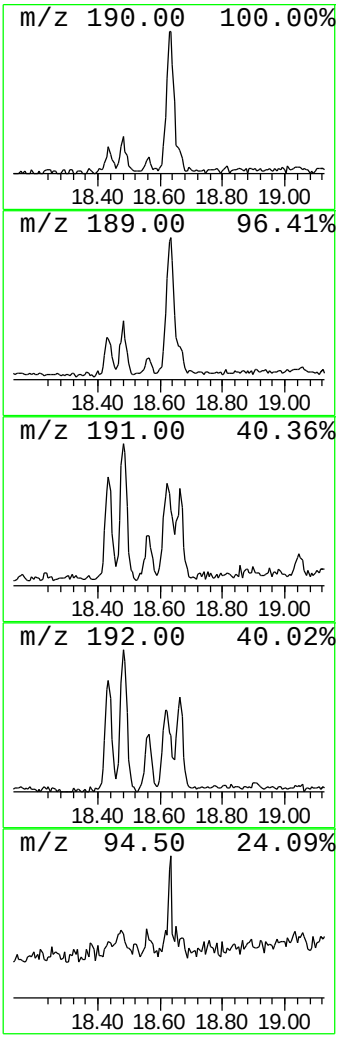
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.34 ng	67994	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	28
5	4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	17





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Instrument : BNA_G
ClientSampleId : SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

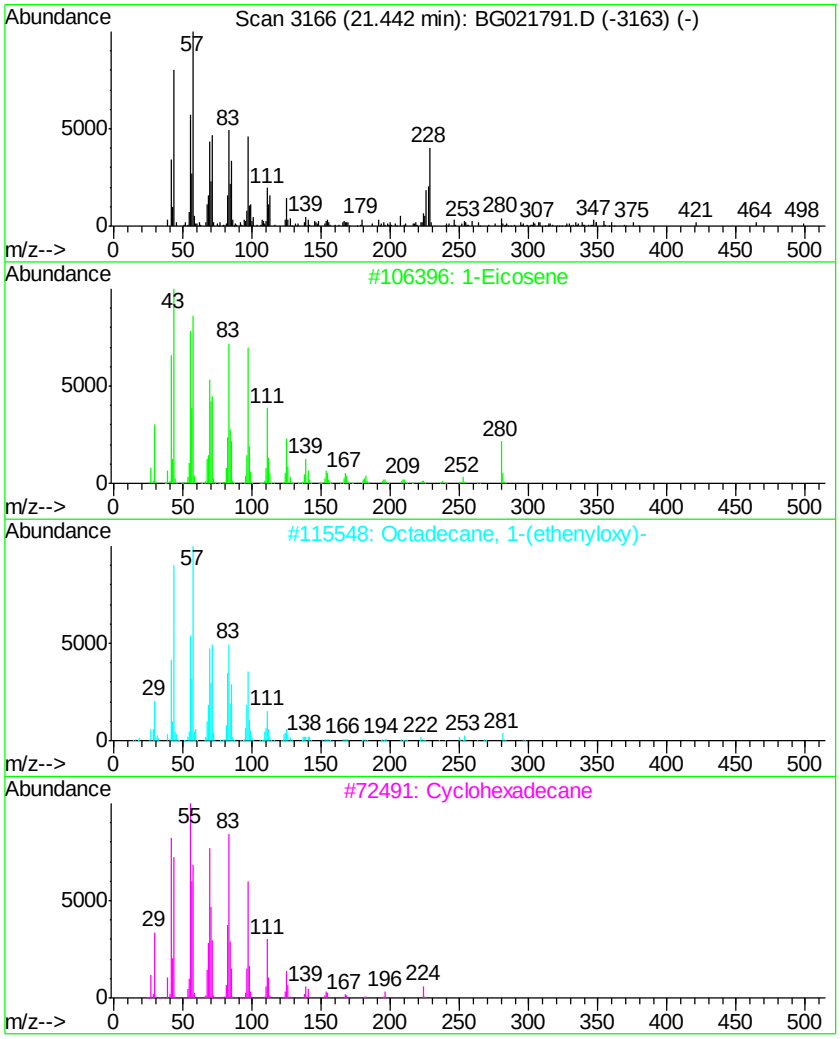
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

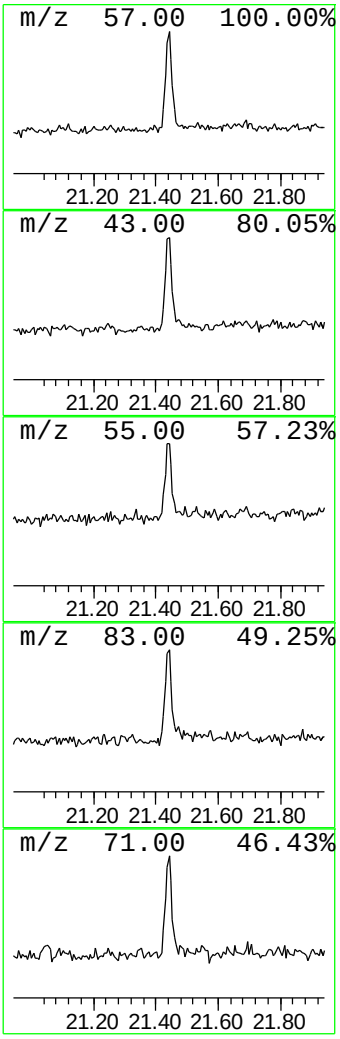
****

Peak Number 8 1-Eicosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	3.85 ng	143042	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	91
2	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	86
3	Cyclohexadecane	224	C16H32	000295-65-8	83
4	1-Hentetracontanol	593	C41H84O	040710-42-7	62
5	1-Heptacosanol	396	C27H56O	002004-39-9	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042116\
Data File : BG021791.D
Acq On : 20 Apr 2016 19:03
Operator : UM/SJ
Sample : H2413-02
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Instrument : BNA_G
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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
unknown3.10	3.10	233.8	ng	3331050	1	8.22	284980	20.0
Propane, 1,1-dime...	3.36	2.7	ng	37862	1	8.22	284980	20.0
2-Pentanone, 4-hy...	5.29	7.0	ng	99490	1	8.22	284980	20.0
unknown7.75	7.75	88.3	ng	1258260	1	8.22	284980	20.0
Heptadecane, 2,6,...	16.50	3.0	ng	86846	4	17.56	581165	20.0
4H-Cyclopenta[def...	18.63	2.3	ng	67994	4	17.56	581165	20.0
1-Eicosene	21.44	3.9	ng	143042	5	21.84	743051	20.0