LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
Data File : BG016479.D
Acq On : 17 Apr 2015 6:49
Operator : TP/IZ
Sample : G1765-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-4

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-BG040615.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	2.752	6	11	21	rBV	92090	176551	9.10%	1.065%
2	2.834	21	25	31	rBV	145247	182187	9.39%	1.099%
3	4.773	346	355	364	rBV2	104605	160202	8.26%	0.966%
4	5.249	430	436	446	rBV	607671	896426	46.21%	5.407%
5	6.847	702	708	723	rVB	631995	980203	50.53%	5.912%
6	7.200	760	768	775	rBV	666633	1047701	54.01%	6.319%
7	7.658	837	846	854	rVB	318854	509587	26.27%	3.074%
8	7.975	892	900	910	rVB	509354	827838	42.67%	4.993%
9	8.816	1037	1043	1051	rBV	384758	617463	31.83%	3.724%
10	10.443	1308	1320	1329	rBV	504549	829713	42.77%	5.005%
11	12.923	1732	1742	1753	rBV	1142406	1619426	83.48%	9.768%
12	13.716	1873	1877	1881	rBV	57817	80021	4.12%	0.483%
13	13.763	1881	1885	1888	rBV	65270	84824	4.37%	0.512%
14	13.833	1893	1897	1907	rVB9	19940	46206	2.38%	0.279%
15	14.039	1927	1932	1937	rBV6	44223	85881	4.43%	0.518%
16	14.127	1943	1947	1955	rVB	84303	128980	6.65%	0.778%
17	14.203	1955	1960	1965	rBV4	40181	66488	3.43%	0.401%
18	14.262	1966	1970	1971	rVV	46844	54731	2.82%	0.330%
19	14.303	1972	1977	1987	rVV2	799972	1256263	64.76%	7.577%
20	14.386	1987	1991	1997	rVB4	23813	45658	2.35%	0.275%
21	14.626	2028	2032	2036	rBV	21150	36987	1.91%	0.223%
22	14.832	2062	2067	2075	rBV8	30631	64570	3.33%	0.389%
23	14.926	2079	2083	2085	rBV4	28869	45262	2.33%	0.273%
24	14.955	2085	2088	2094	rVB5	41635	60533	3.12%	0.365%
25	15.020	2094	2099	2105	rBV6	39294	87142	4.49%	0.526%
26	15.085	2105	2110	2115	rBV2	114187	190279	9.81%	1.148%
27	15.796	2225	2231	2237	rBV	639418	976468	50.33%	5.890%
28	16.025	2265	2270	2271	rBV	121454	174309	8.99%	1.051%
29	16.859	2409	2412	2417	rVB	115056	146346	7.54%	0.883%
30	17.047	2439	2444	2449	rBV2	916780	1303112	67.17%	7.860%
31	19.632	2881	2884	2887	rBV	366575	536196	27.64%	3.234%
32	19.679	2888	2892	2898	rVB	1448265	1939945	100.00%	11.701%
33	21.230	3153	3156	3164	rVB2	911509	1321405	68.12%	7.970%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
Data File : BG016479.D
Acq On : 17 Apr 2015 6:49
Operator : TP/IZ
Sample : G1765-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-4

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-BG040615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

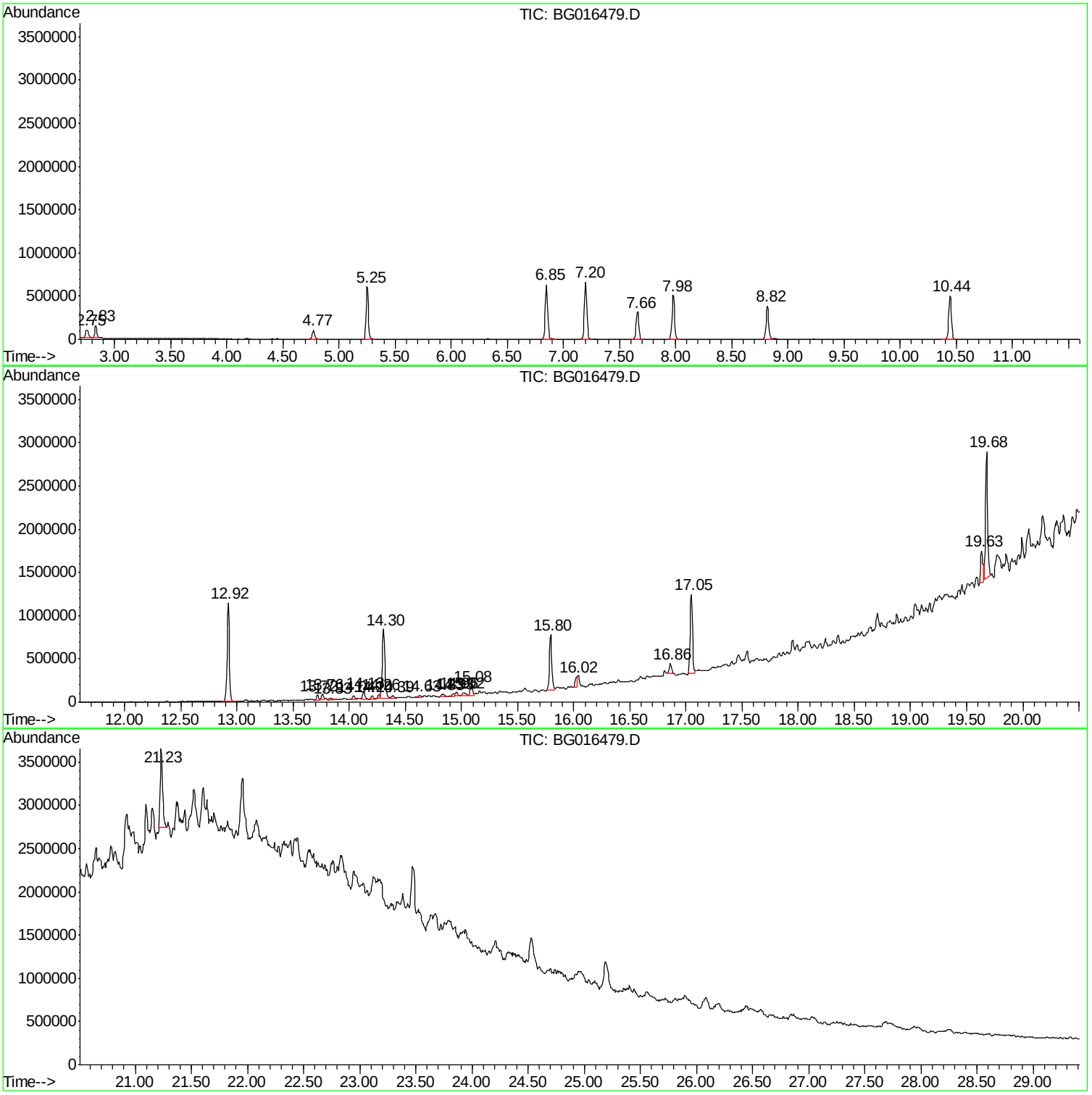
Sum of corrected areas: 16578903

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
Data File : BG016479.D
Acq On : 17 Apr 2015 6:49
Operator : TP/IZ
Sample : G1765-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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Data File : BG016479.D
Acq On : 17 Apr 2015 6:49
Operator : TP/IZ
Sample : G1765-04
Misc :
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Instrument : BNA_G
ClientSampleId : AS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

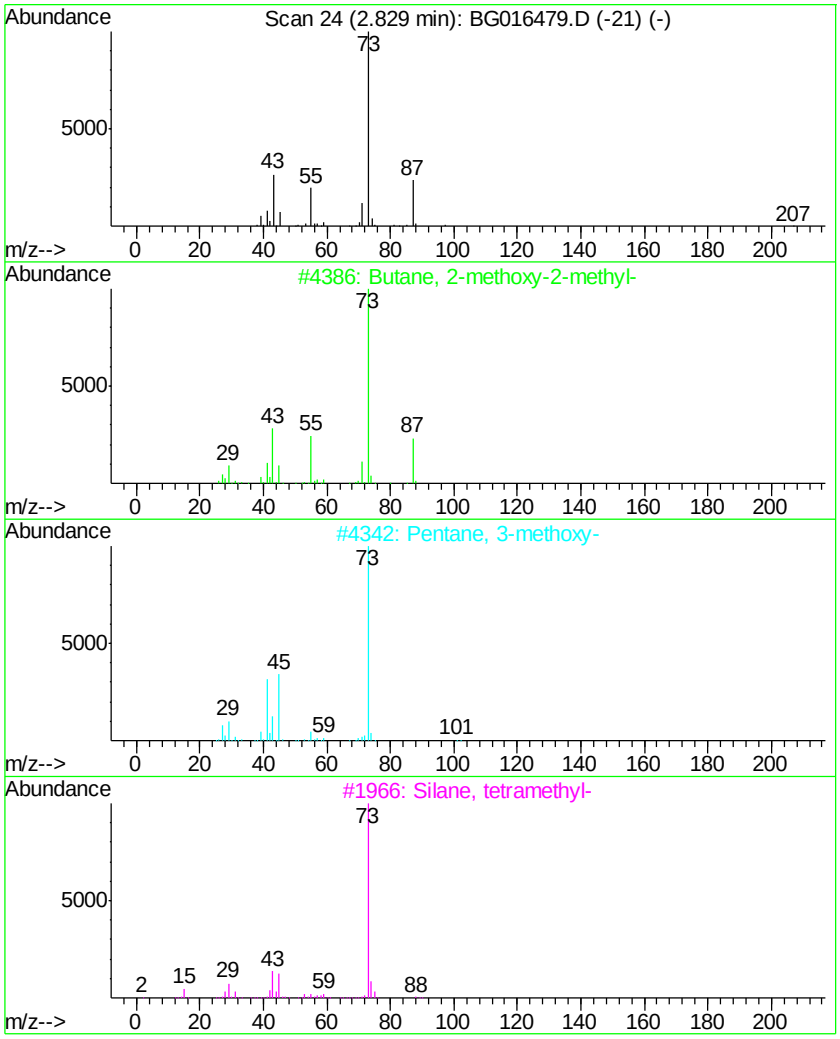
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

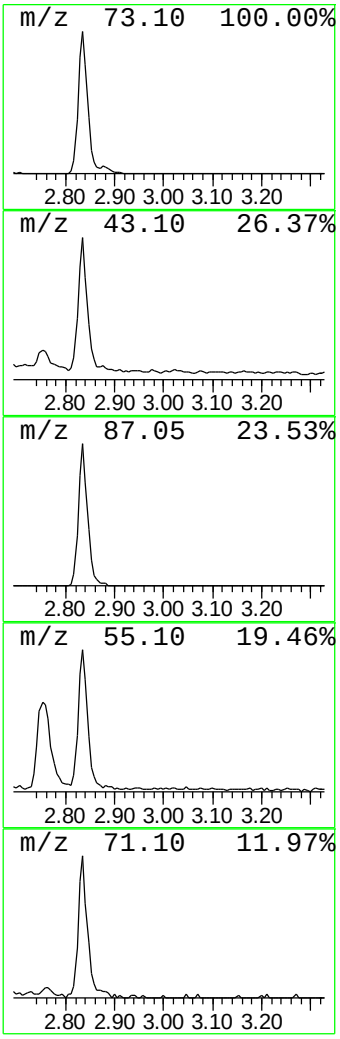
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	7.15 ng	182187	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
Data File : BG016479.D
Acq On : 17 Apr 2015 6:49
Operator : TP/IZ
Sample : G1765-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

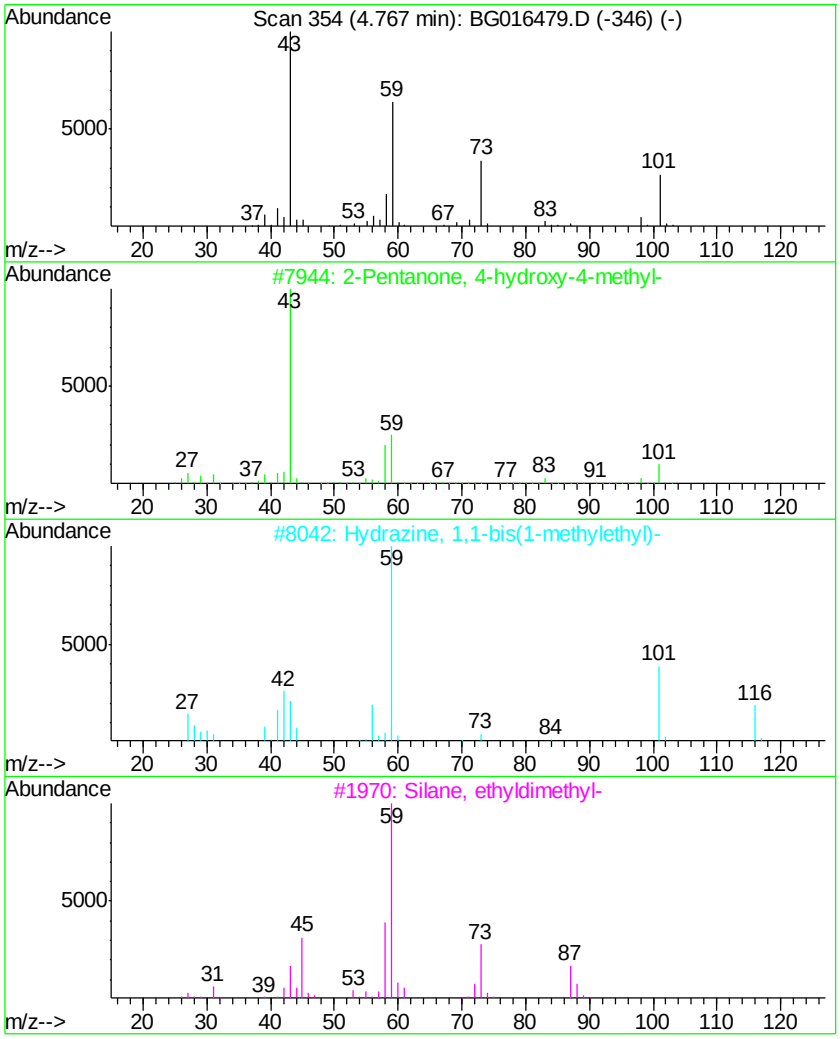
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

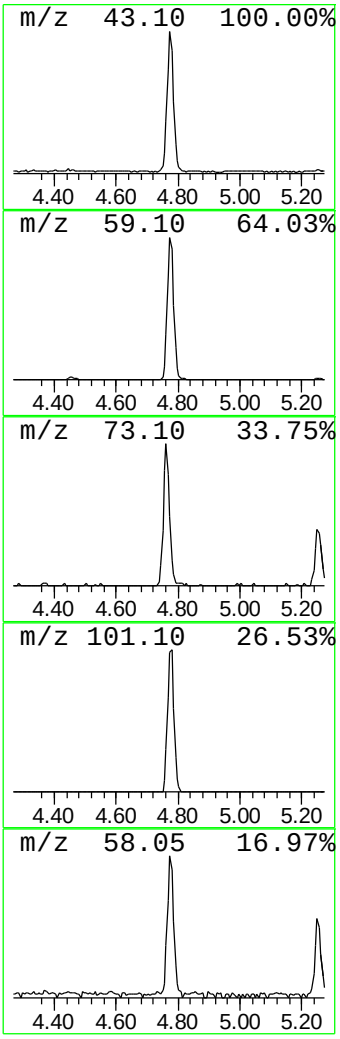
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	6.29 ng	160202	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	23
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
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Operator : TP/IZ
Sample : G1765-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

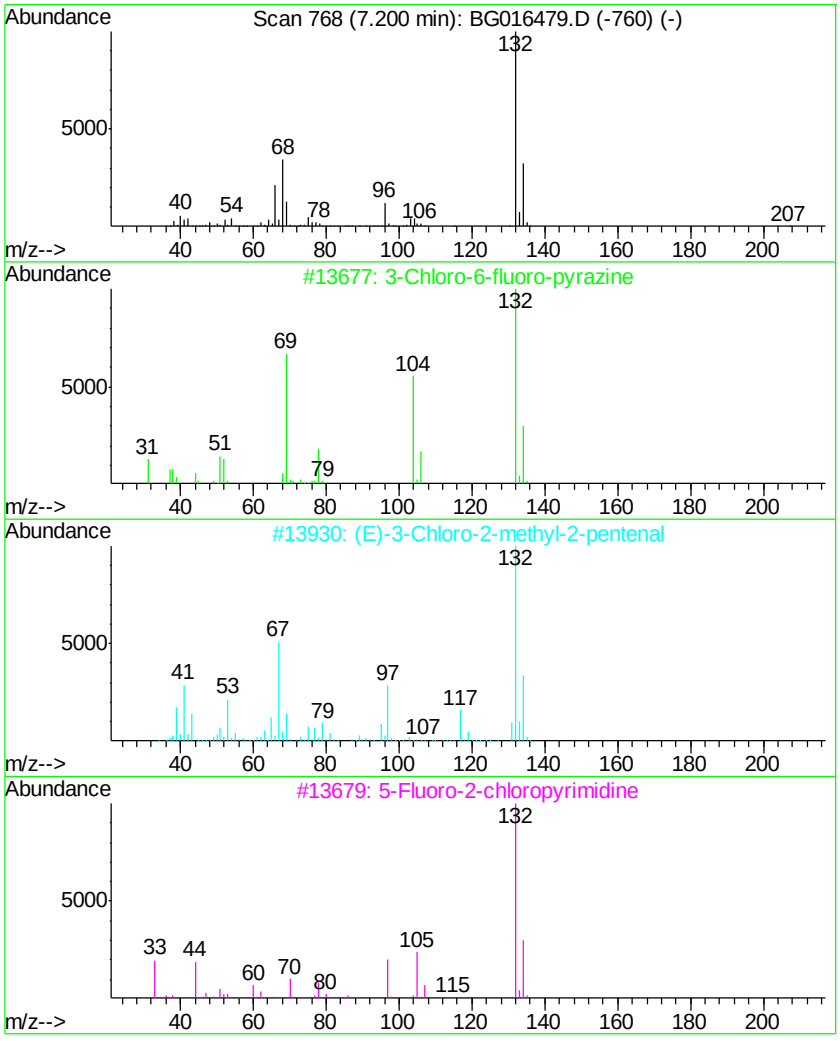
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

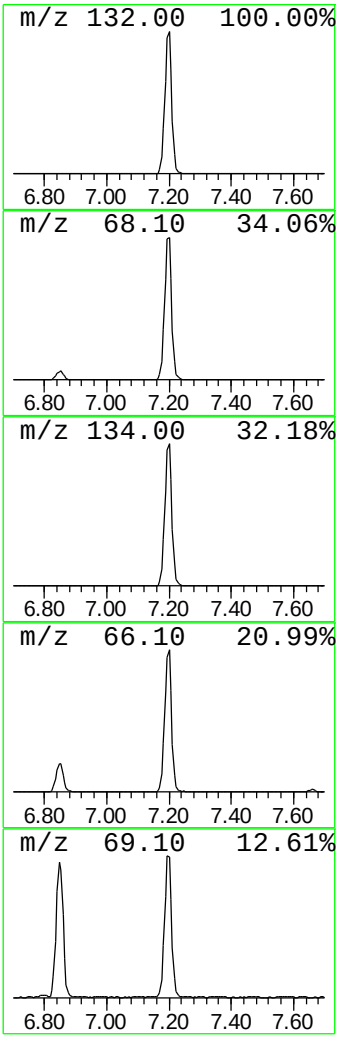
****

Peak Number 4 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	41.12 ng	1047700	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Data File : BG016479.D
Acq On : 17 Apr 2015 6:49
Operator : TP/IZ
Sample : G1765-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

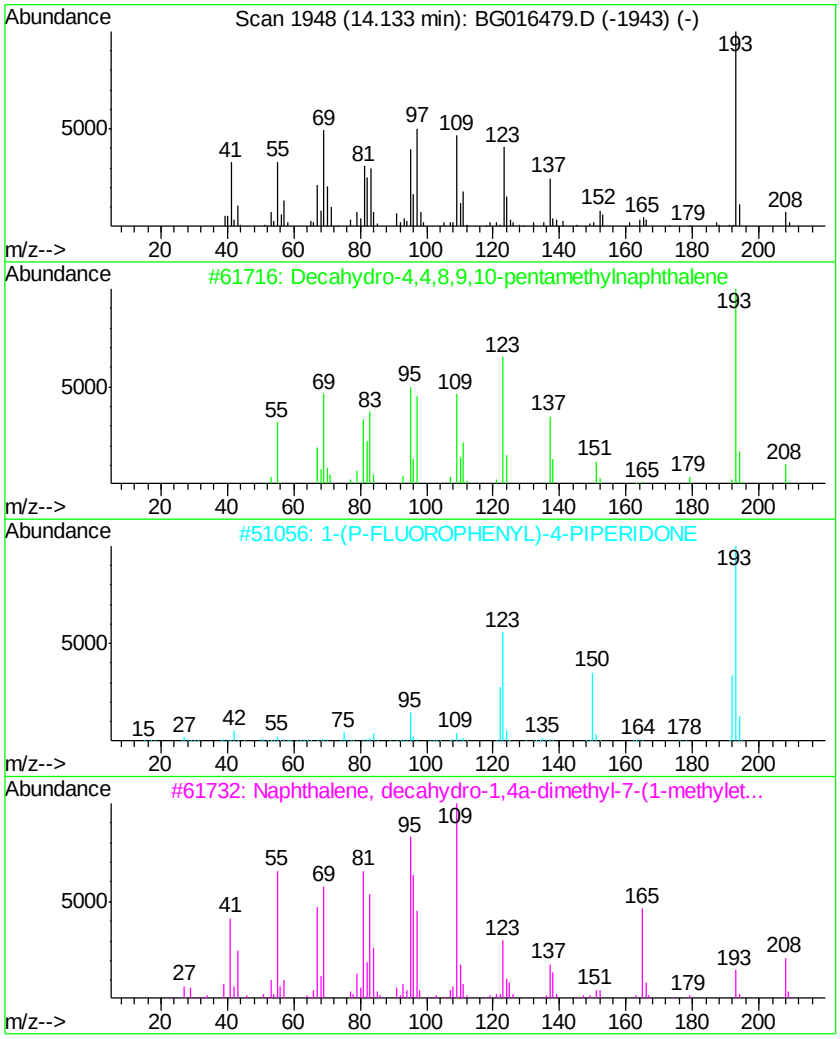
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

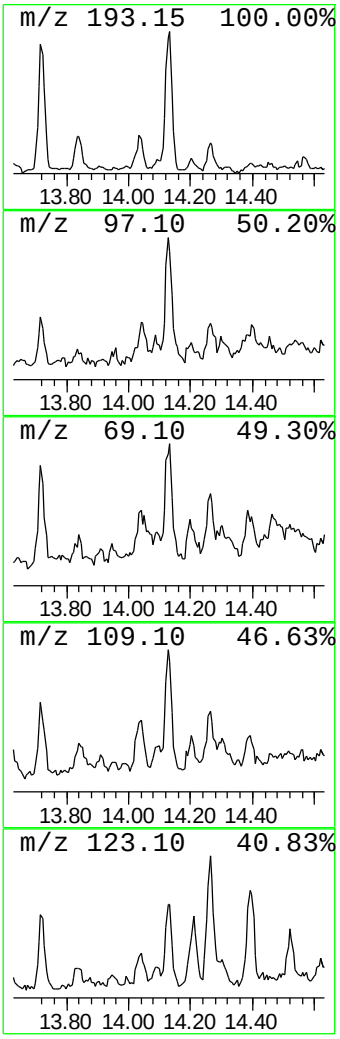
****

Peak Number 6 Decahydro-4,4,8,9,10-pentam... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.05 ng	128980	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	52
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	43
3	Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	27
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	25
5	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	25





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Data File : BG016479.D
Acq On : 17 Apr 2015 6:49
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Sample : G1765-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

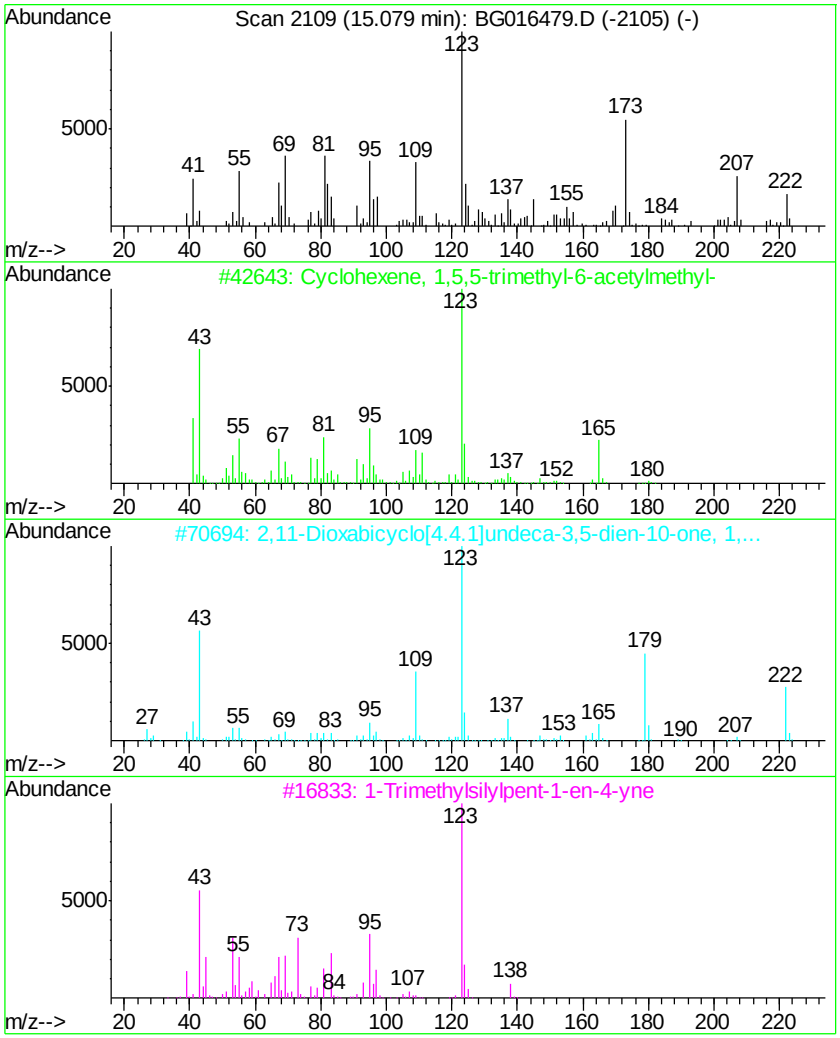
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

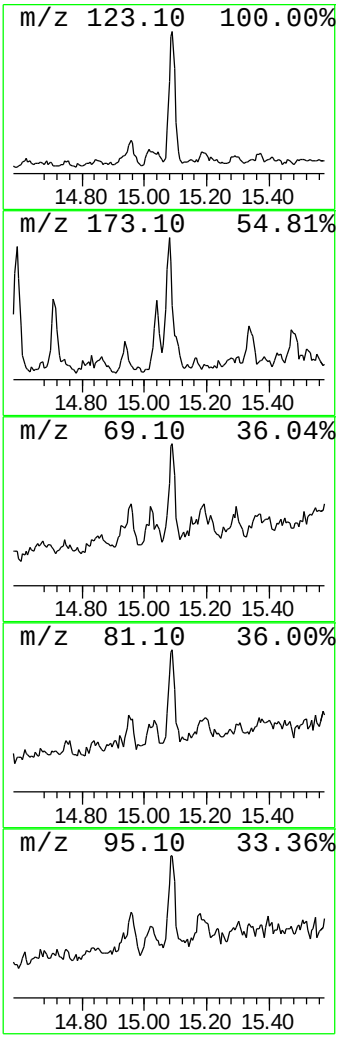
****

Peak Number 7 Cyclohexene, 1,5,5-trimethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	3.03 ng	190279	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	50
2	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	47
3	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	46
4	1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	43
5	1-(1-Ethyl-2,3-dimethyl-cyclopen...	166	C11H18O	1000185-18-6	38





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Data File : BG016479.D
Acq On : 17 Apr 2015 6:49
Operator : TP/IZ
Sample : G1765-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

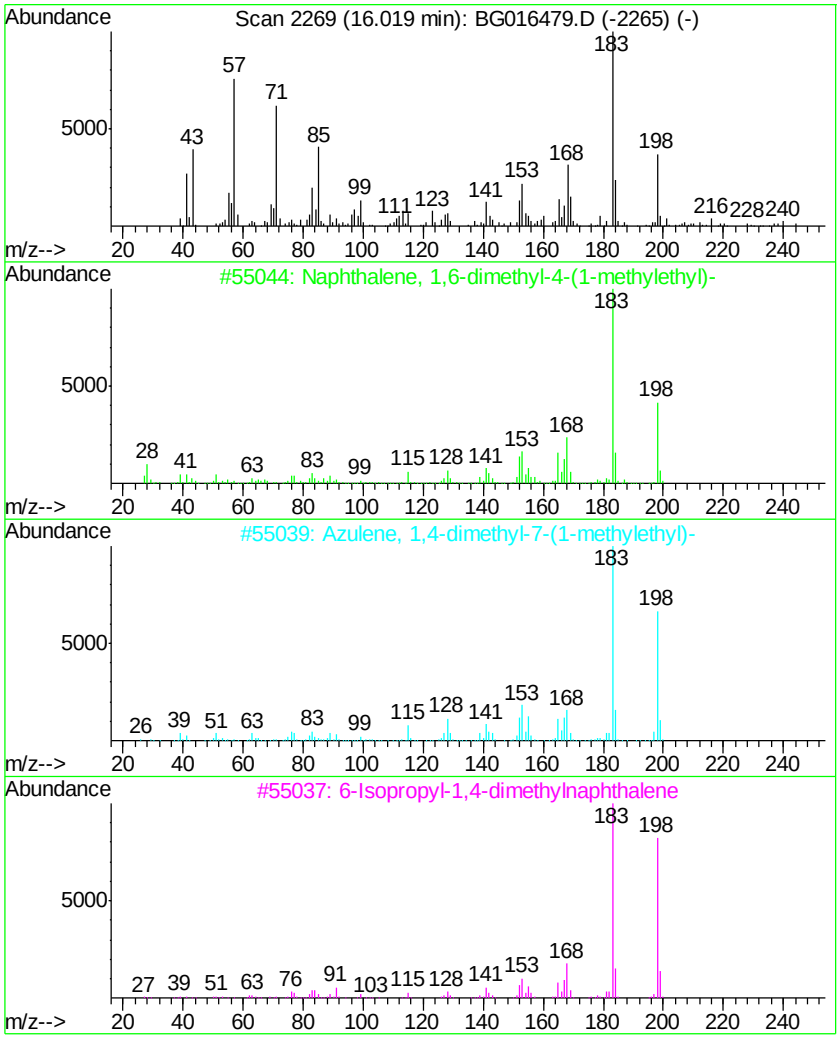
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

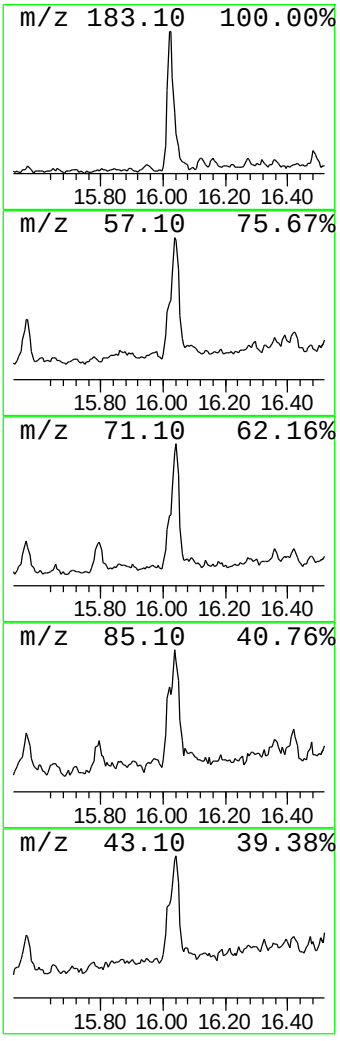
****

Peak Number 8 Naphthalene, 1,6-dimethyl-4... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.68 ng	174309	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	86
2	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	64
3	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	58
4	Tetradecane	198	C14H30	000629-59-4	38
5	Heptadecane	240	C17H36	000629-78-7	15





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Acq On : 17 Apr 2015 6:49
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Sample : G1765-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

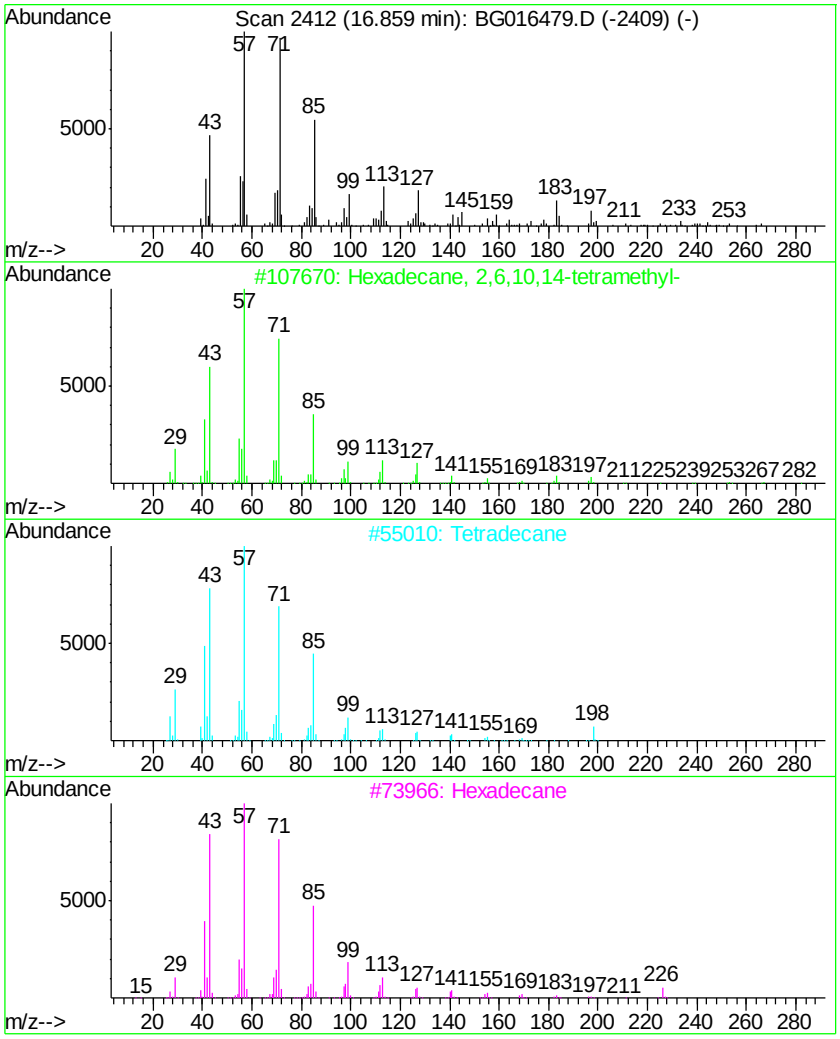
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

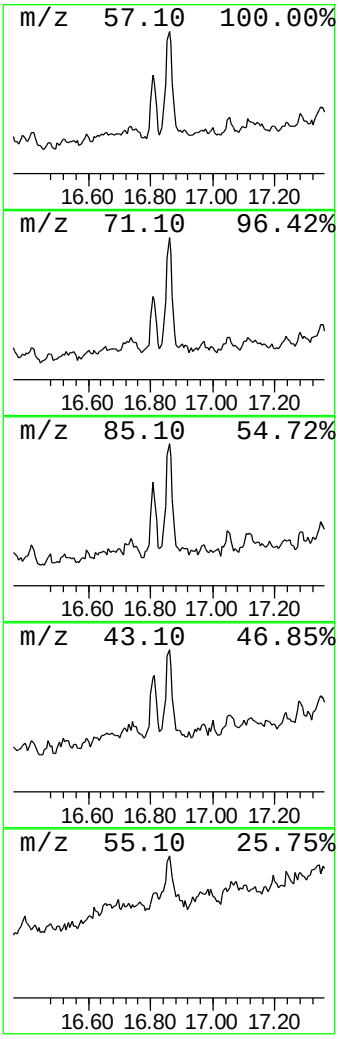
****

Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	2.25 ng	146346	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2	Tetradecane	198	C14H30	000629-59-4	81
3	Hexadecane	226	C16H34	000544-76-3	80
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
Data File : BG016479.D
Acq On : 17 Apr 2015 6:49
Operator : TP/IZ
Sample : G1765-04
Misc :
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Instrument : BNA_G
ClientSampleId : AS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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
Butane, 2-methoxy...	2.83	7.2	ng	182187	1	7.66	509587	20.0
2-Pentanone, 4-hy...	4.77	6.3	ng	160202	1	7.66	509587	20.0
unknown7.20	7.20	41.1	ng	1047700	1	7.66	509587	20.0
Decahydro-4,4,8,9...	14.13	2.0	ng	128980	3	14.30	1256260	20.0
Cyclohexene, 1,5,...	15.08	3.0	ng	190279	3	14.30	1256260	20.0
Naphthalene, 1,6-...	16.02	2.7	ng	174309	4	17.05	1303110	20.0
Hexadecane, 2,6,1...	16.86	2.3	ng	146346	4	17.05	1303110	20.0