LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016442.D
Acq On : 16 Apr 2015 4:17
Operator : TP/IZ
Sample : G1829-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-9S

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	2.758	7	12	22	rBV	346600	550042	13.60%	2.309%
2	2.840	22	26	40	rVB	346512	442793	10.95%	1.859%
3	4.779	351	356	363	rVB	57193	81929	2.03%	0.344%
4	5.255	431	437	449	rBV	553524	796691	19.70%	3.344%
5	6.183	591	595	603	rBV	31114	50853	1.26%	0.213%
6	6.853	703	709	720	rVB	367013	577451	14.28%	2.424%
7	7.205	762	769	779	rBV	1077616	1686268	41.70%	7.078%
8	7.664	841	847	854	rVB	268271	419390	10.37%	1.760%
9	7.981	894	901	911	rVB	977995	1557965	38.52%	6.540%
10	8.821	1036	1044	1059	rBV	828829	1323652	32.73%	5.556%
11	10.449	1314	1321	1329	rBV	411986	681798	16.86%	2.862%
12	12.658	1688	1697	1705	rBV	47790	76633	1.89%	0.322%
13	12.928	1735	1743	1755	rBV	2440276	3413560	84.40%	14.329%
14	13.768	1881	1886	1895	rBV	33306	47940	1.19%	0.201%
15	14.309	1971	1978	1987	rBV2	659234	988454	24.44%	4.149%
16	15.672	2203	2210	2216	rBV	96591	135295	3.35%	0.568%
17	15.801	2225	2232	2243	rBV	1592223	2214214	54.75%	9.295%
18	16.077	2272	2279	2287	rVB	84007	116975	2.89%	0.491%
19	17.047	2438	2444	2450	rBV2	833049	1173625	29.02%	4.926%
20	17.952	2592	2598	2607	rBV	189193	312042	7.72%	1.310%
21	18.040	2608	2613	2621	rVB	135465	203153	5.02%	0.853%
22	19.086	2787	2791	2793	rBV3	46464	61330	1.52%	0.257%
23	19.233	2812	2816	2823	rBV2	130139	181788	4.49%	0.763%
24	19.679	2887	2892	2900	rVB	3132733	4044292	100.00%	16.977%
25	20.484	3025	3029	3033	rBV2	39260	55795	1.38%	0.234%
26	20.942	3103	3107	3116	rBV	197637	267912	6.62%	1.125%
27	21.148	3139	3142	3145	rVB	64561	68322	1.69%	0.287%
28	21.230	3151	3156	3161	rBV	920538	1141611	28.23%	4.792%
29	21.377	3179	3181	3185	rVB	52128	48775	1.21%	0.205%
30	23.463	3529	3536	3544	rVB	597378	1102200	27.25%	4.627%

Sum of corrected areas: 23822748

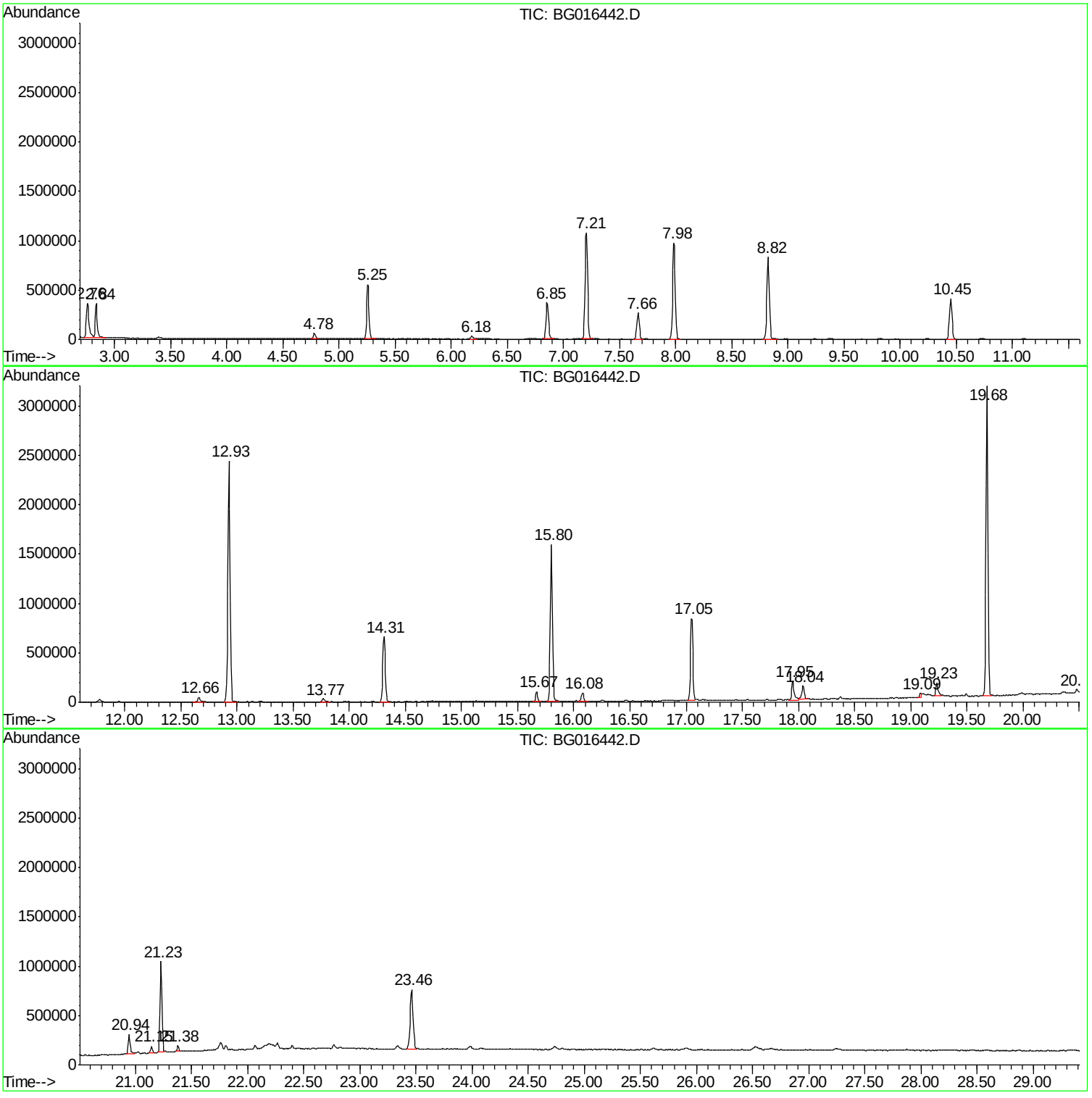
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016442.D
Acq On : 16 Apr 2015 4:17
Operator : TP/IZ
Sample : G1829-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-9S

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016442.D
Acq On : 16 Apr 2015 4:17
Operator : TP/IZ
Sample : G1829-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-9S

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

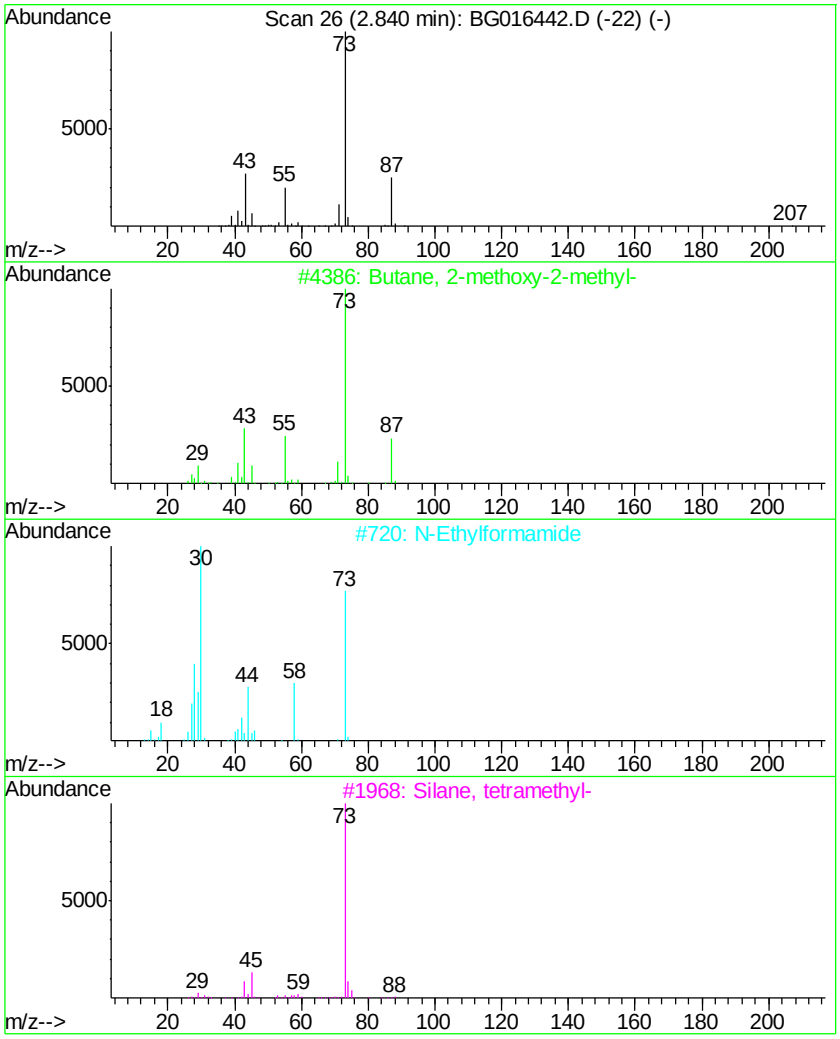
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

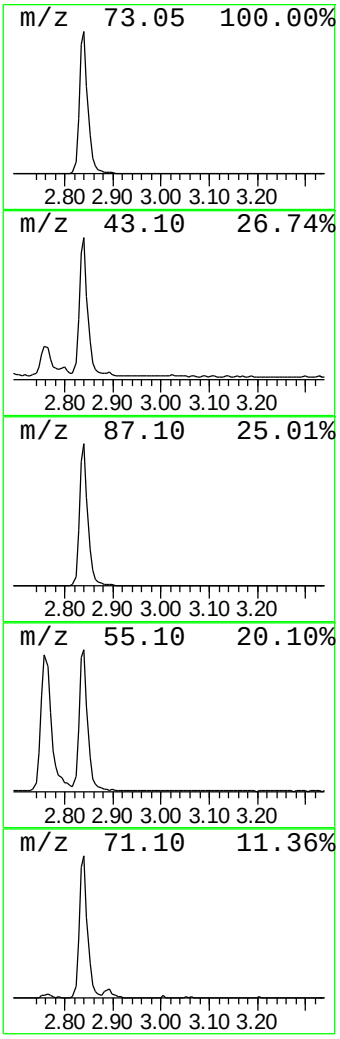
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	21.12 ng	442793	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	83
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016442.D
Acq On : 16 Apr 2015 4:17
Operator : TP/IZ
Sample : G1829-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-9S

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

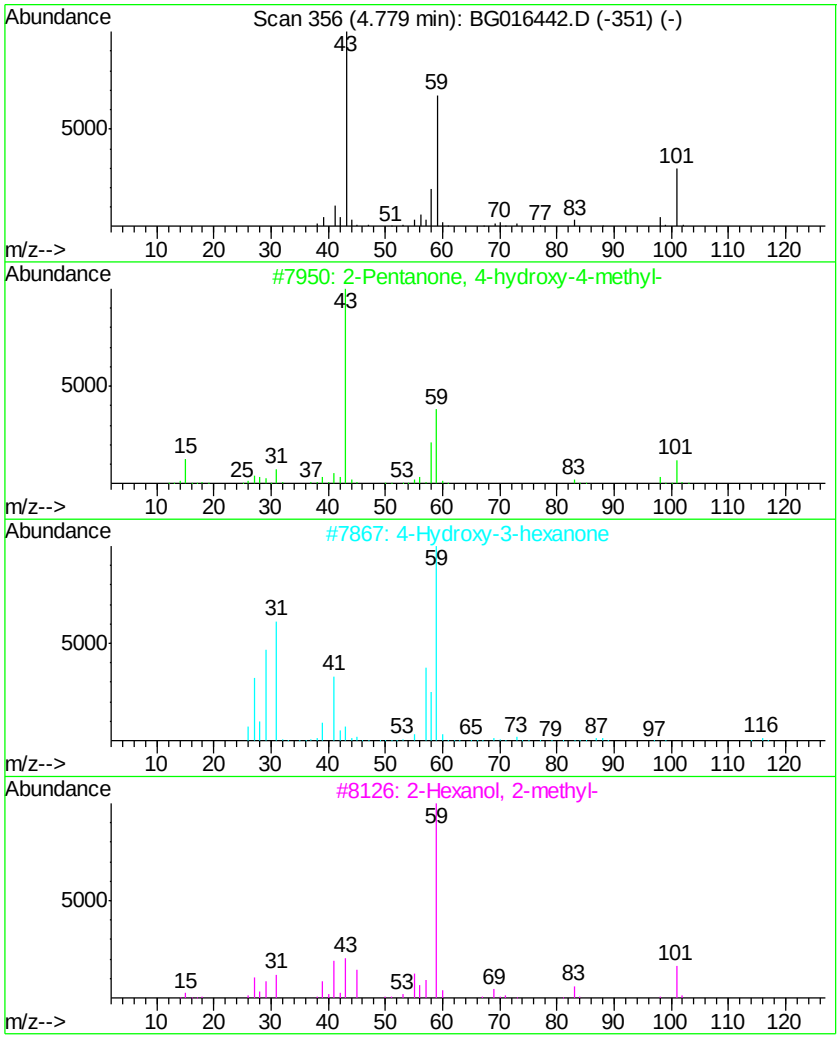
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

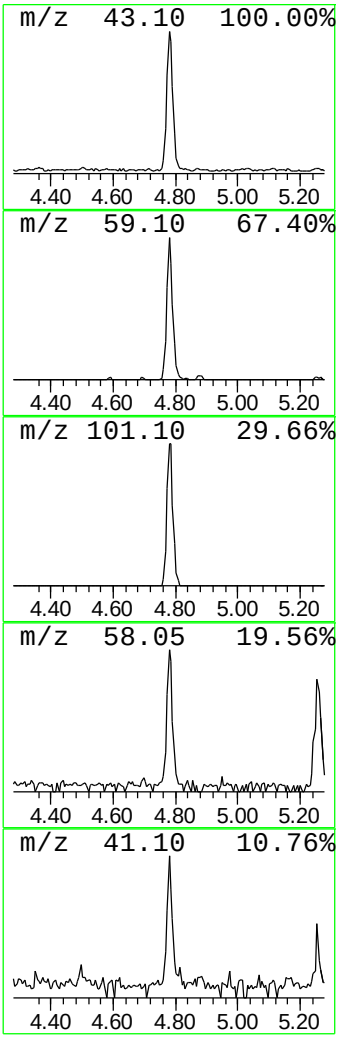
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	3.91 ng	81929	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	50
2	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	32
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	27
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016442.D
Acq On : 16 Apr 2015 4:17
Operator : TP/IZ
Sample : G1829-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-9S

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

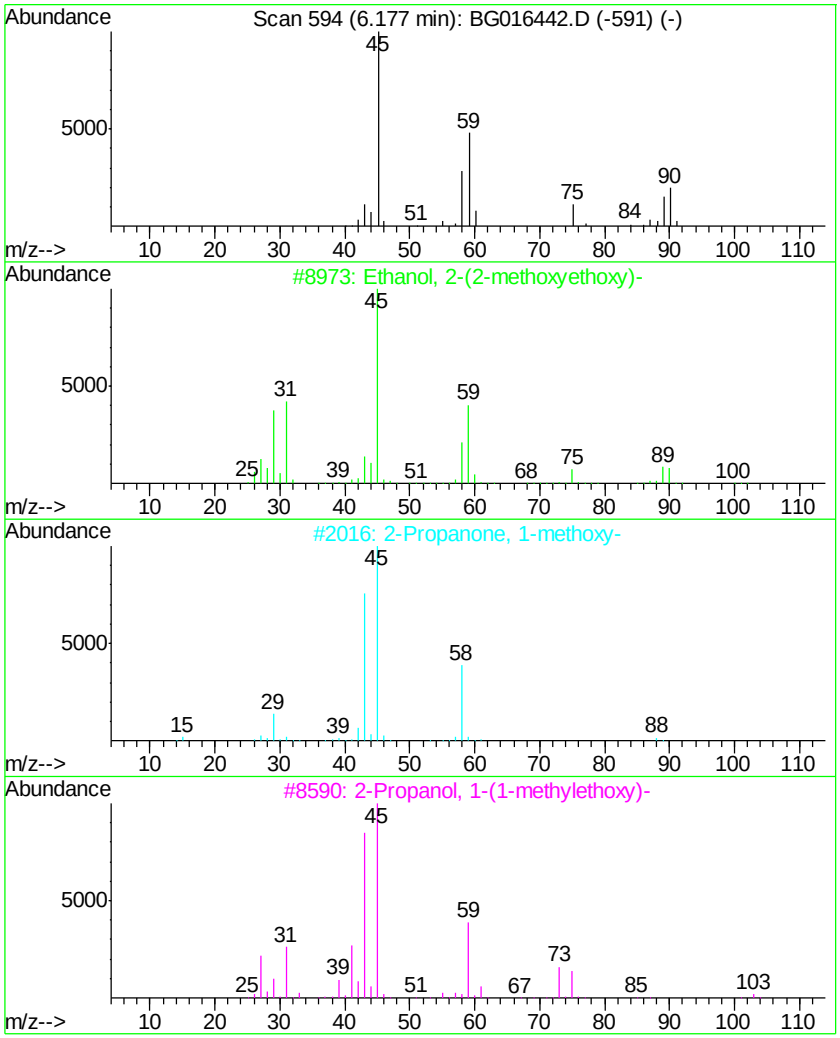
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

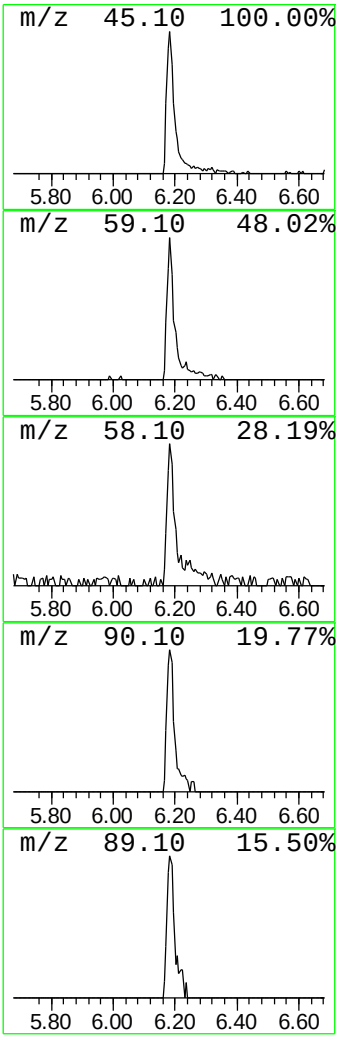
****

Peak Number 4 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	2.43 ng	50853	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2	2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	37
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	36
4	Triethylene glycol	150	C6H14O4	000112-27-6	33
5	Butane, 1-methoxy-	88	C5H12O	000628-28-4	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016442.D
Acq On : 16 Apr 2015 4:17
Operator : TP/IZ
Sample : G1829-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-9S

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

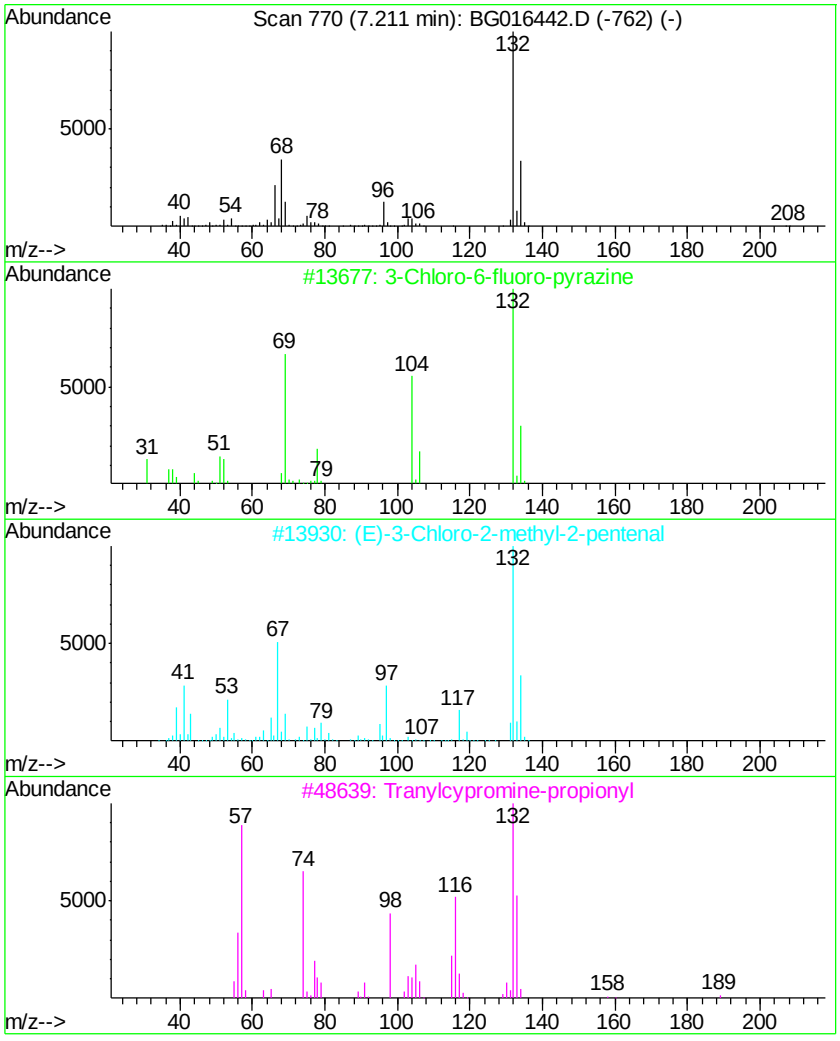
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

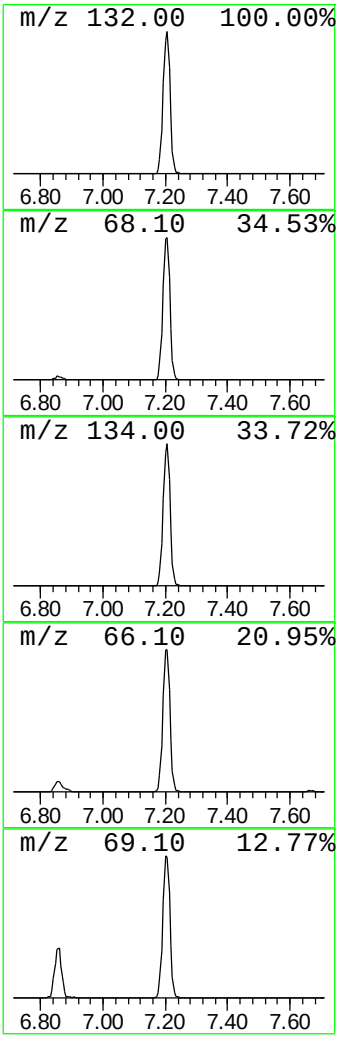
****

Peak Number 5 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	80.42 ng	1686270	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	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016442.D
Acq On : 16 Apr 2015 4:17
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Sample : G1829-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-9S

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

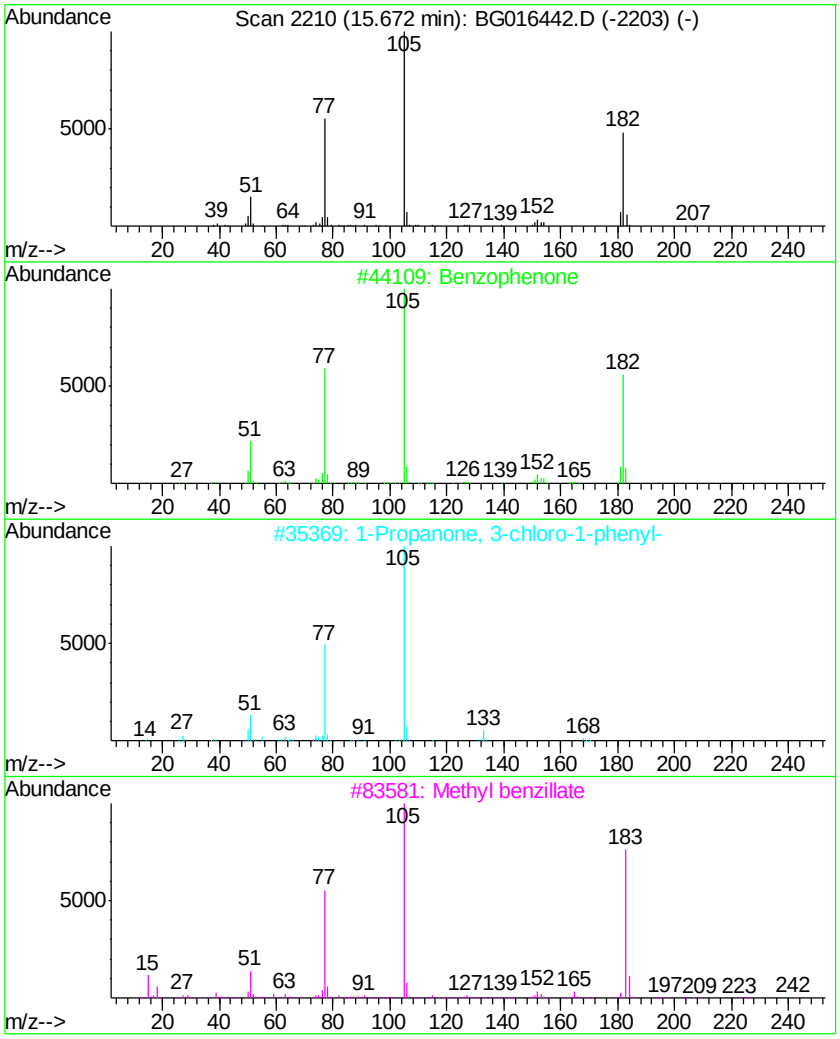
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

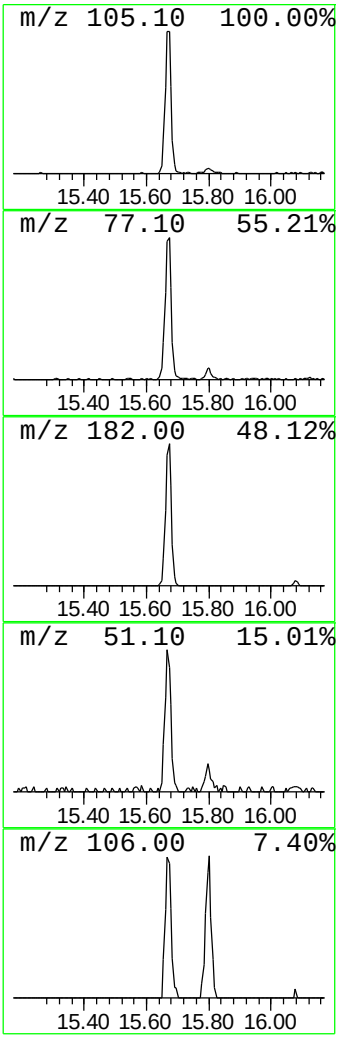
****

Peak Number 7 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.74 ng	135295	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
3	Methyl benzillate	242	C15H14O3	000076-89-1	47
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43





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Sample : G1829-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-9S

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

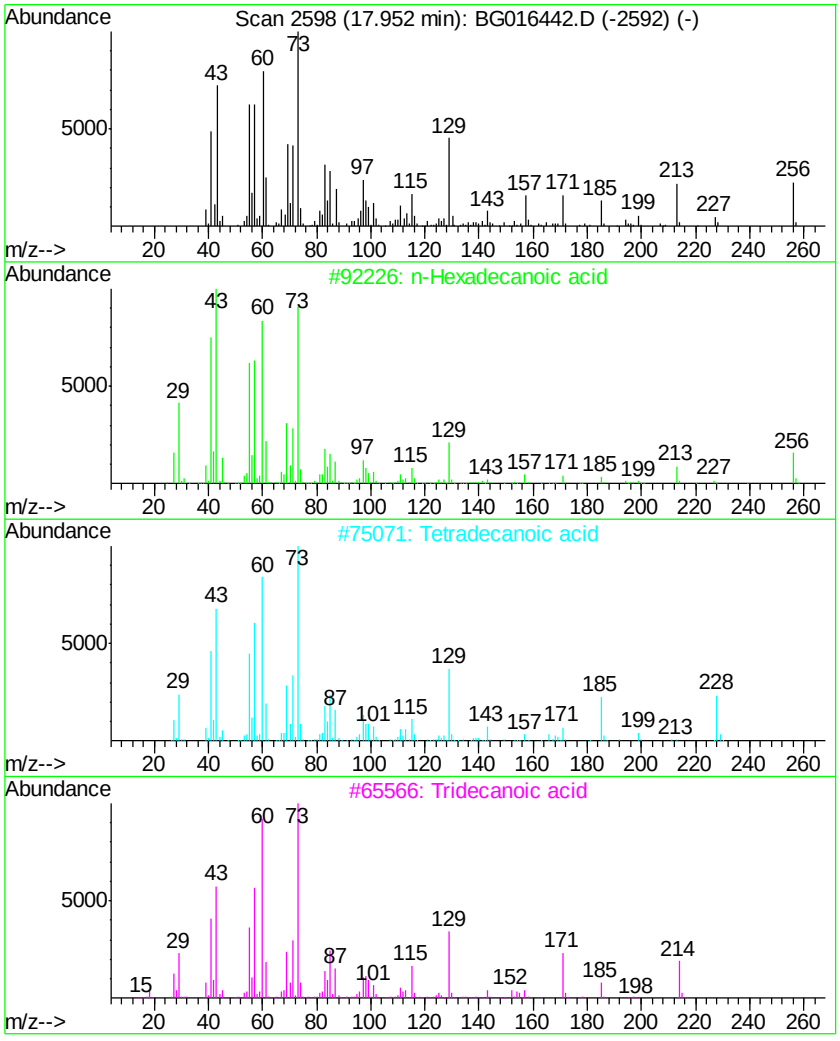
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

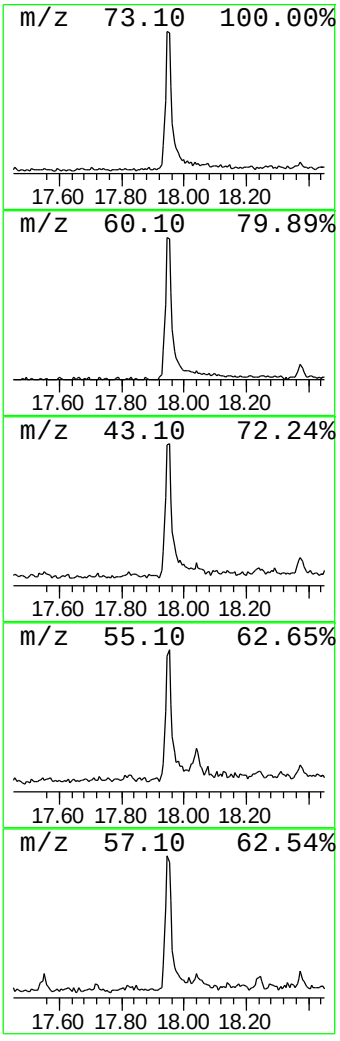
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	5.32 ng	312042	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016442.D
Acq On : 16 Apr 2015 4:17
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Sample : G1829-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-9S

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

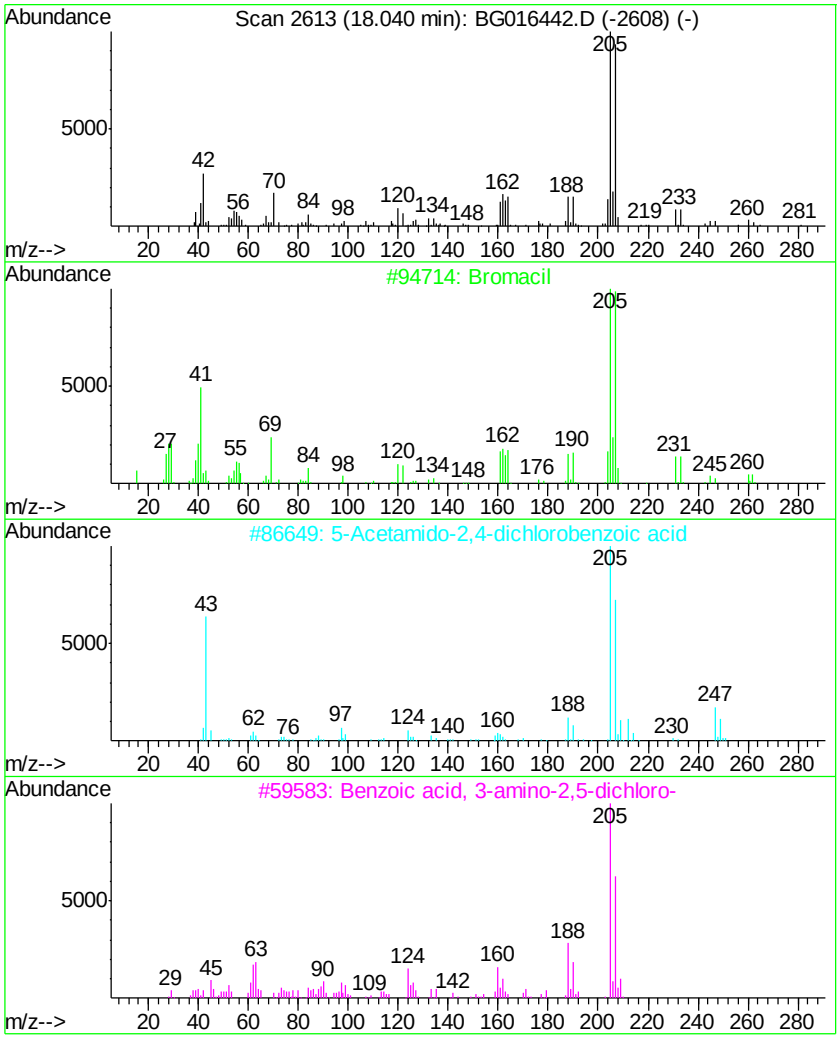
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

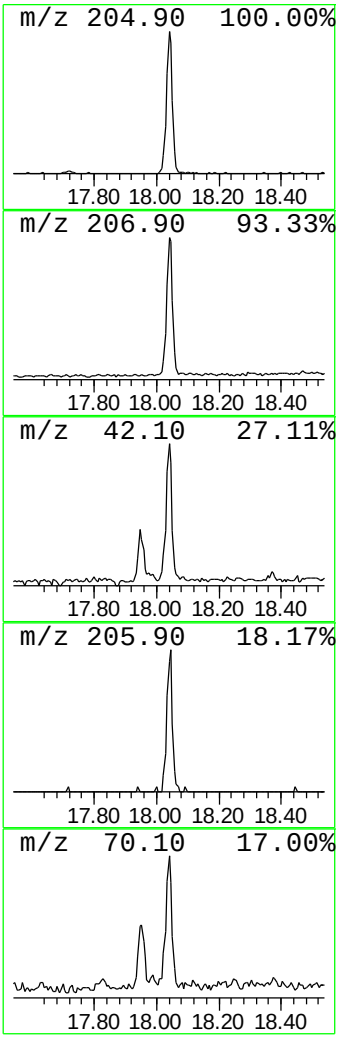
****

Peak Number 9 Bromacil Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.46 ng	203153	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromacil	260	C9H13BrN2O2	000314-40-9	96
2	5-Acetamido-2,4-dichlorobenzoic ...	247	C9H7Cl2NO3	050602-49-8	64
3	Benzoic acid, 3-amino-2,5-dichloro-	205	C7H5Cl2NO2	000133-90-4	50
4	7-Chloro-2,3-dihydrofuro(2,3-b)q...	205	C11H8ClNO	064124-91-0	43
5	5-Chloro-2,3-dihydrofuro(2,3-b)q...	205	C11H8ClNO	064124-92-1	37





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Sample : G1829-19
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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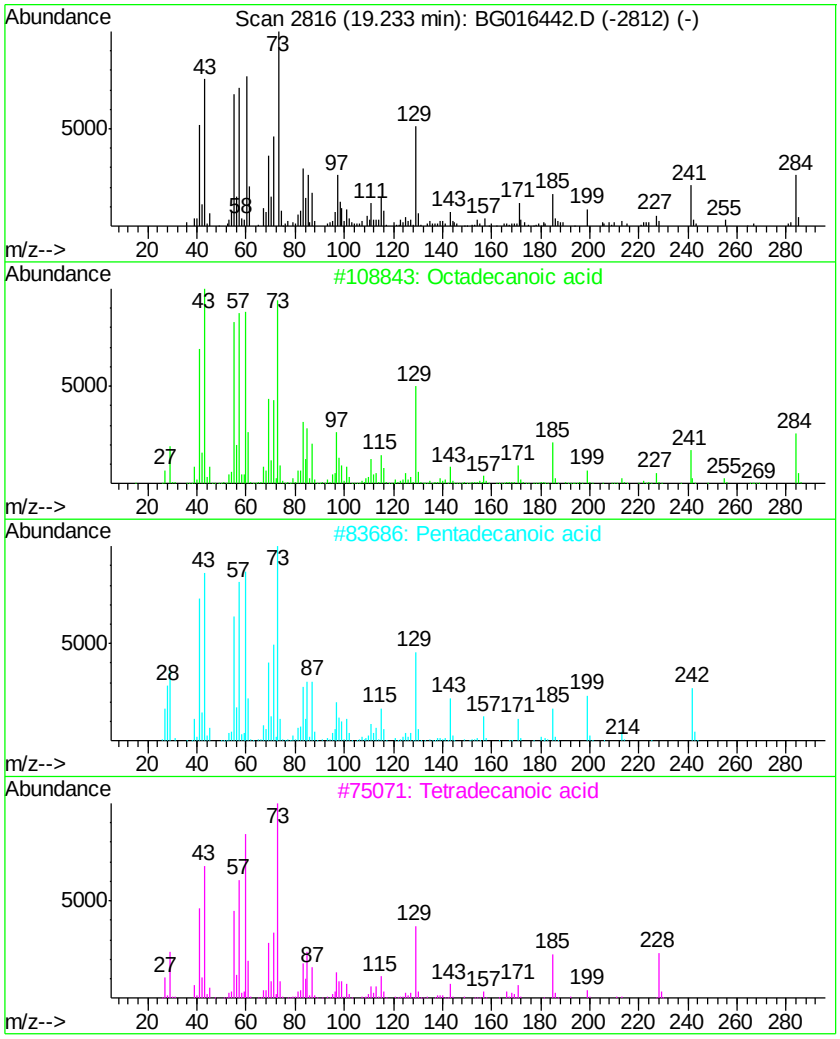
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

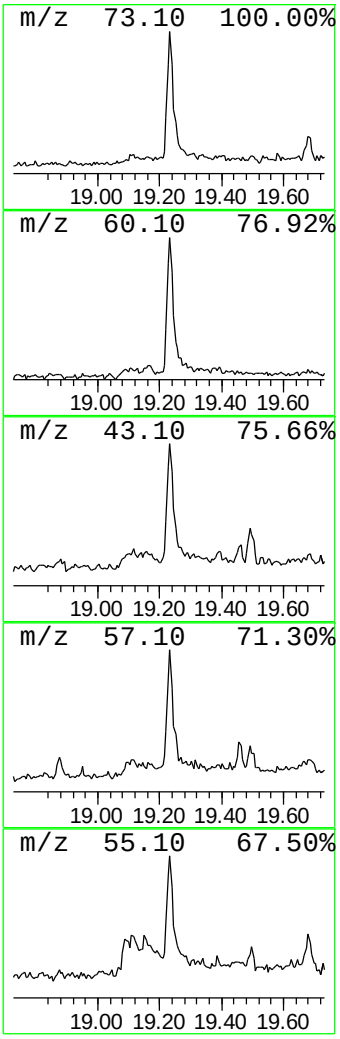
****

Peak Number 10 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	3.18 ng	181788	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





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Data File : BG016442.D
Acq On : 16 Apr 2015 4:17
Operator : TP/IZ
Sample : G1829-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-9S

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

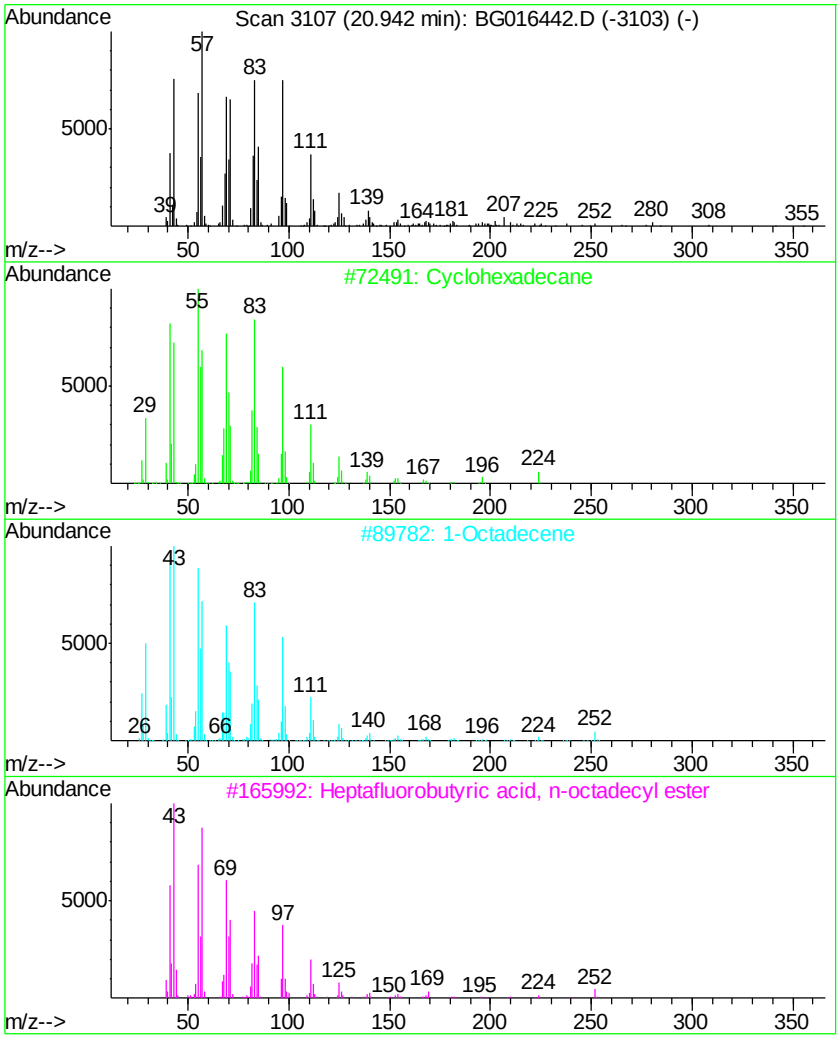
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

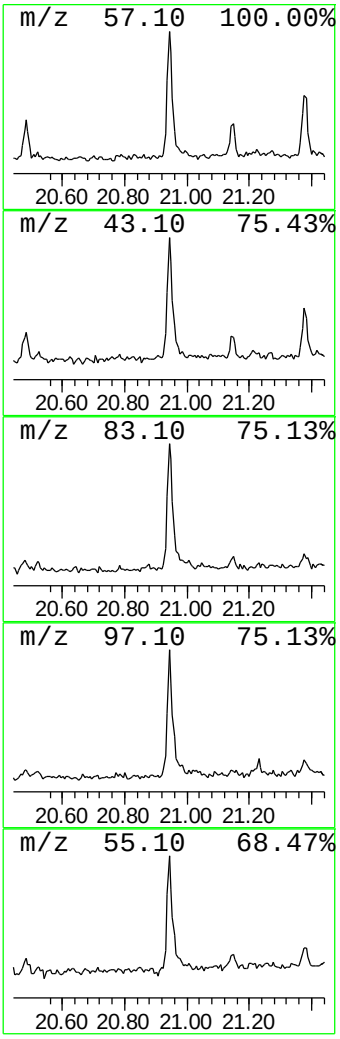
****

Peak Number 11 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.69 ng	267912	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	1-Octadecene	252	C18H36	000112-88-9	92
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016442.D
Acq On : 16 Apr 2015 4:17
Operator : TP/IZ
Sample : G1829-19
Misc :
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Instrument : BNA_G
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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...	2.84	21.1	ng	442793	1	7.66	419390	20.0
2-Pentanone, 4-hy...	4.78	3.9	ng	81929	1	7.66	419390	20.0
Ethanol, 2-(2-met...	6.18	2.4	ng	50853	1	7.66	419390	20.0
unknown7.21	7.21	80.4	ng	1686270	1	7.66	419390	20.0
Benzophenone	15.67	2.7	ng	135295	3	14.31	988454	20.0
n-Hexadecanoic acid	17.95	5.3	ng	312042	4	17.05	1173630	20.0
Bromacil	18.04	3.5	ng	203153	4	17.05	1173630	20.0
Octadecanoic acid	19.23	3.2	ng	181788	5	21.23	1141610	20.0
Cyclohexadecane	20.94	4.7	ng	267912	5	21.23	1141610	20.0