LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017008.D
Acq On : 10 May 2015 2:10
Operator : TP/IZ
Sample : G2104-06
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-108

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-BG050515.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	2.913	33	38	47	rBV	283074	477493	9.08%	1.532%
2	2.990	47	51	63	rVB	647403	787117	14.97%	2.526%
3	4.911	372	378	384	rVB	79303	115606	2.20%	0.371%
4	5.375	450	457	467	rVB	793237	1142809	21.73%	3.667%
5	6.961	719	727	739	rVB	577742	906012	17.23%	2.907%
6	7.326	777	789	795	rBV	1343715	2163149	41.13%	6.941%
7	7.790	861	868	875	rBV	387181	585986	11.14%	1.880%
8	8.107	915	922	931	rVB	993533	1612698	30.67%	5.175%
9	8.947	1057	1065	1074	rBV	1025036	1687272	32.08%	5.414%
10	10.581	1336	1343	1350	rBV	553873	916471	17.43%	2.941%
11	12.784	1712	1718	1725	rVB	131767	203748	3.87%	0.654%
12	13.048	1755	1763	1770	rBV	2526775	3972495	75.54%	12.747%
13	13.325	1805	1810	1816	rVB	55187	86250	1.64%	0.277%
14	13.883	1899	1905	1910	rBV2	36110	58039	1.10%	0.186%
15	14.429	1990	1998	2005	rBV	952342	1399660	26.61%	4.491%
16	15.786	2224	2229	2235	rBV	48920	73065	1.39%	0.234%
17	15.916	2244	2251	2261	rBV	2522129	3489855	66.36%	11.199%
18	17.173	2459	2465	2474	rBV	1139347	1664066	31.64%	5.340%
19	18.066	2613	2617	2624	rBV	333329	454427	8.64%	1.458%
20	19.347	2831	2835	2848	rBV2	269318	406581	7.73%	1.305%
21	19.799	2906	2912	2922	rBV	4257322	5259058	100.00%	16.876%
22	21.057	3122	3126	3132	rBV	165988	236765	4.50%	0.760%
23	21.345	3170	3175	3180	rVB	1437208	1737075	33.03%	5.574%
24	23.642	3558	3566	3576	rVB2	888007	1727633	32.85%	5.544%

Sum of corrected areas: 31163330

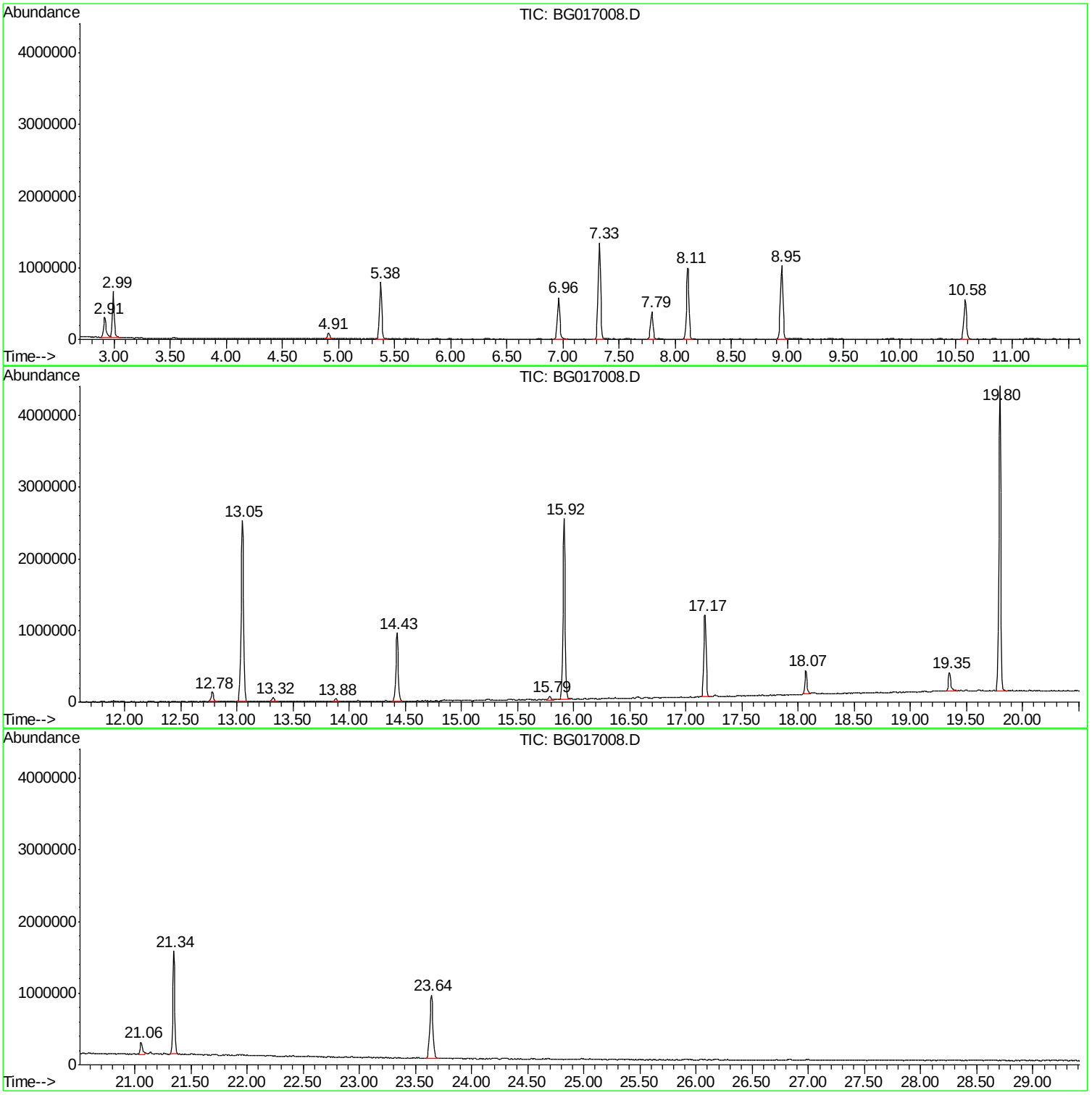
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017008.D
Acq On : 10 May 2015 2:10
Operator : TP/IZ
Sample : G2104-06
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-108

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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\BG050915\
Data File : BG017008.D
Acq On : 10 May 2015 2:10
Operator : TP/IZ
Sample : G2104-06
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-108

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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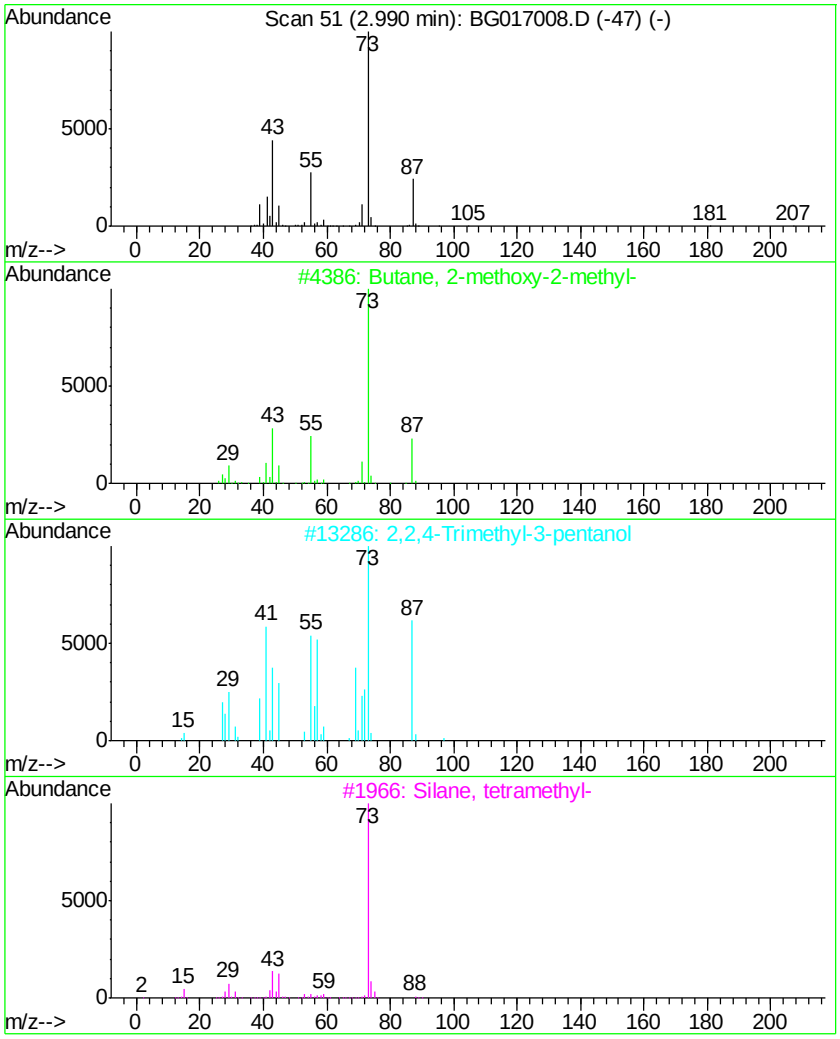
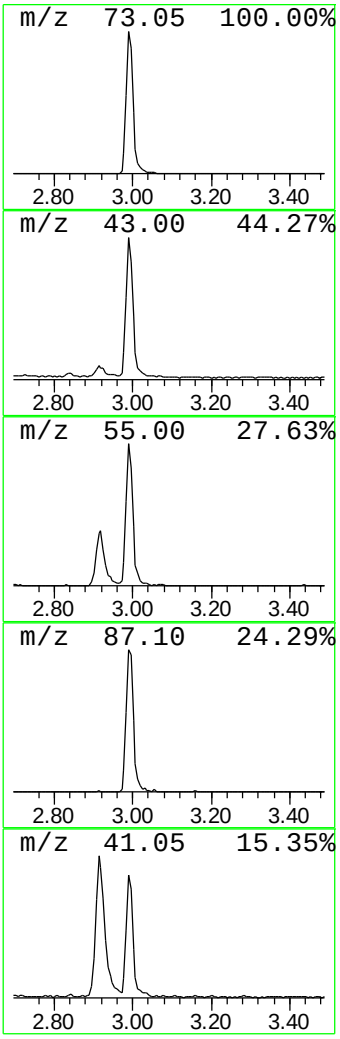
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	26.86 ng	787117	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017008.D
Acq On : 10 May 2015 2:10
Operator : TP/IZ
Sample : G2104-06
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-108

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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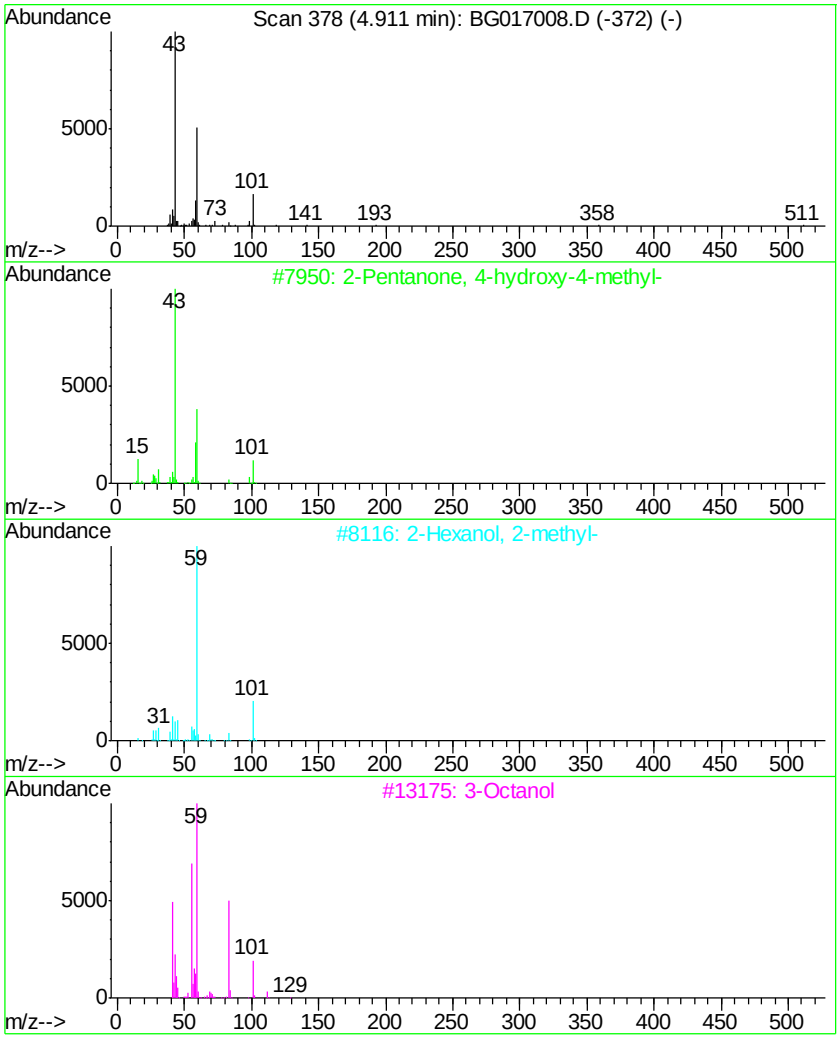
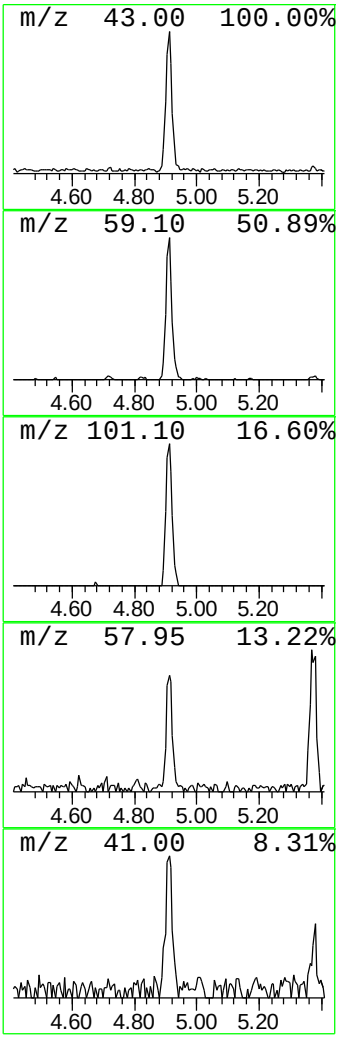
Peak Number 3 unknown4.91 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.95 ng	115606	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
3	3-Octanol	130	C8H18O	020296-29-1	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	t-Butyl nitrite	103	C4H9NO2	000540-80-7	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017008.D
Acq On : 10 May 2015 2:10
Operator : TP/IZ
Sample : G2104-06
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-108

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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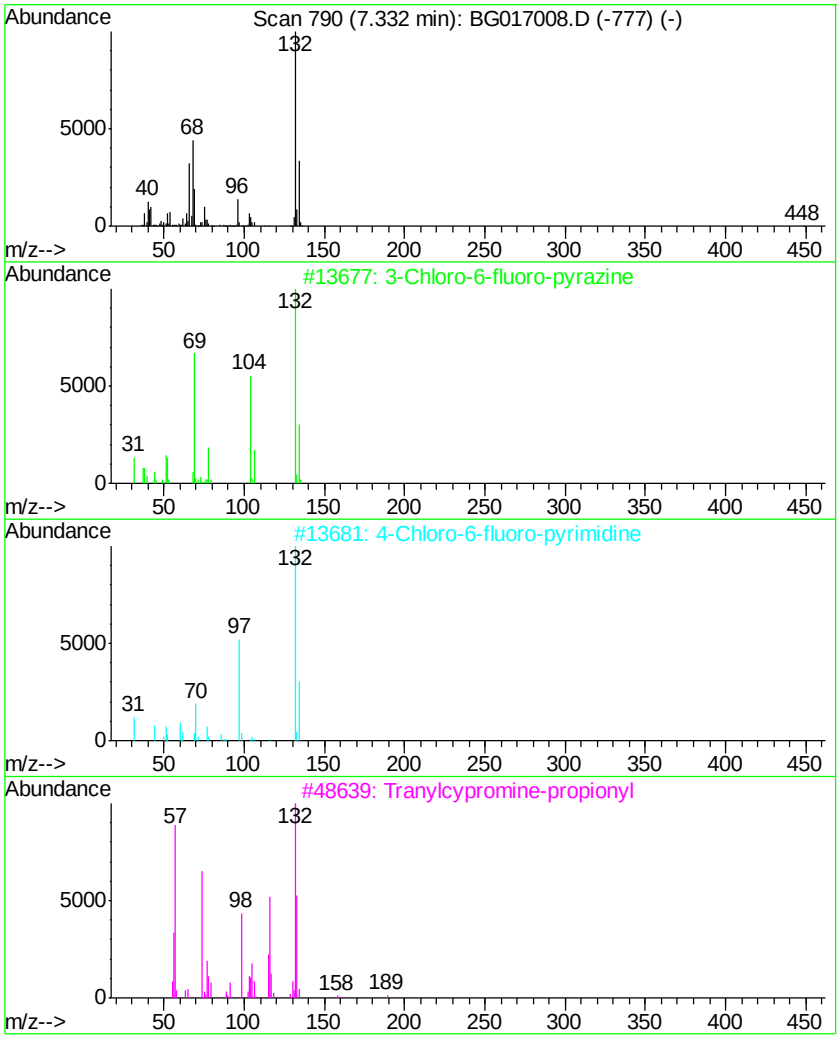
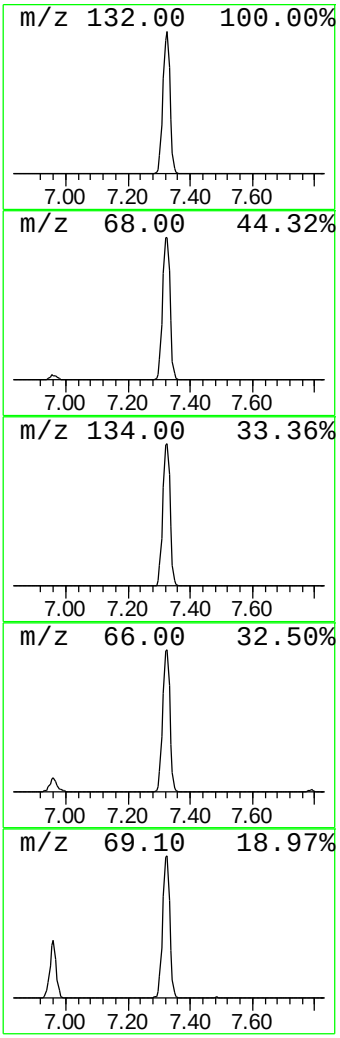
Peak Number 4 unknown7.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	73.83 ng	2163150	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13





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Data File : BG017008.D
Acq On : 10 May 2015 2:10
Operator : TP/IZ
Sample : G2104-06
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-108

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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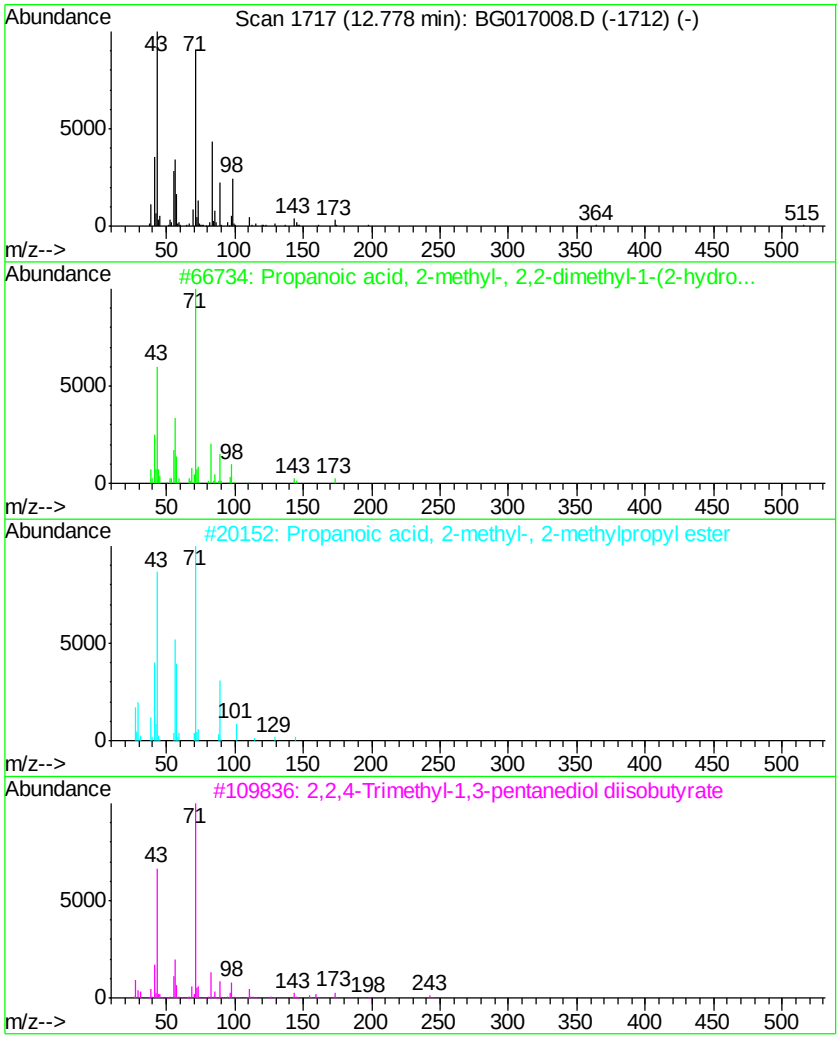
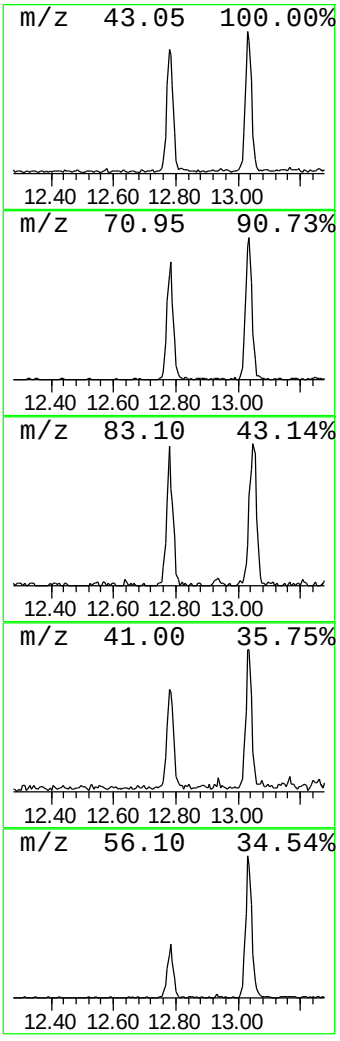
Peak Number 6 Propanoic acid, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	2.91 ng	203748	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	78
2	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	50
3	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	43
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	38
5	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	37





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017008.D
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Operator : TP/IZ
Sample : G2104-06
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-108

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

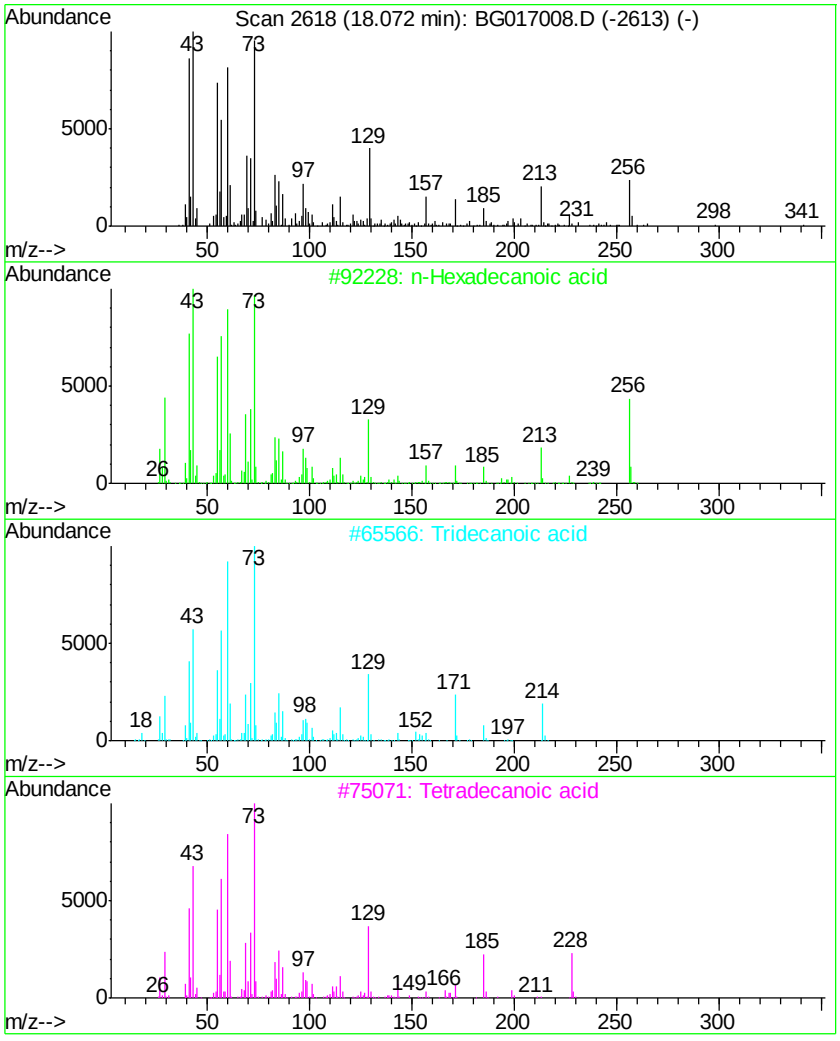
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

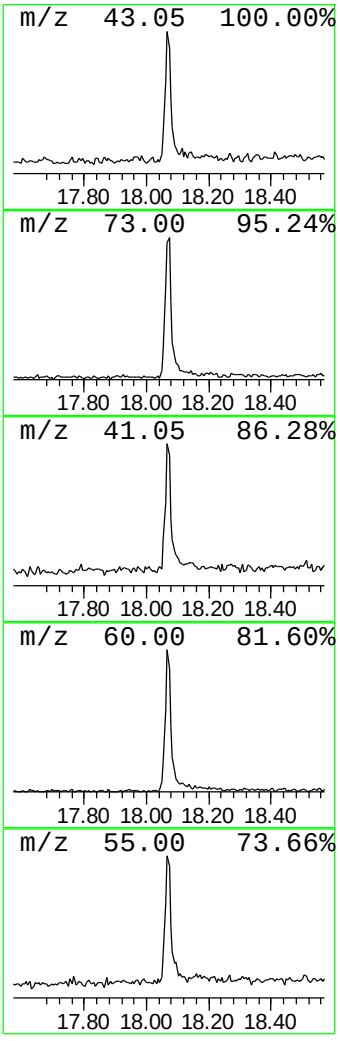
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.46 ng	454427	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	1-Phenazinecarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Operator : TP/IZ
Sample : G2104-06
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-108

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

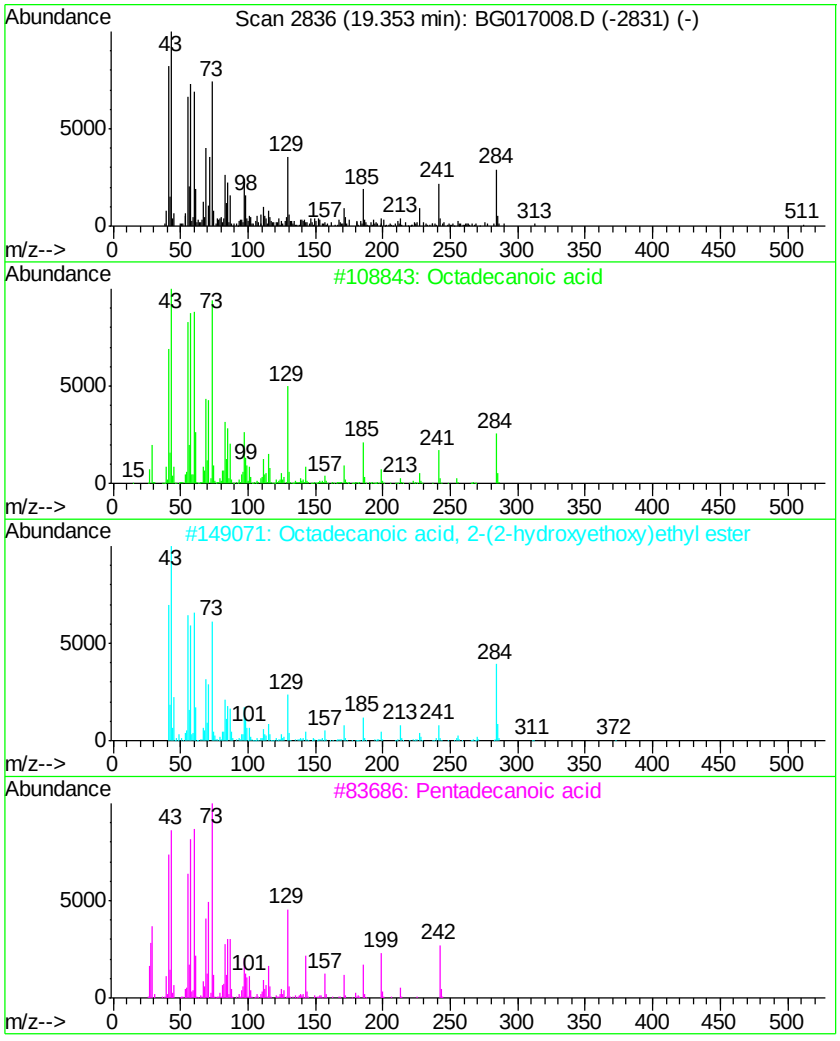
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

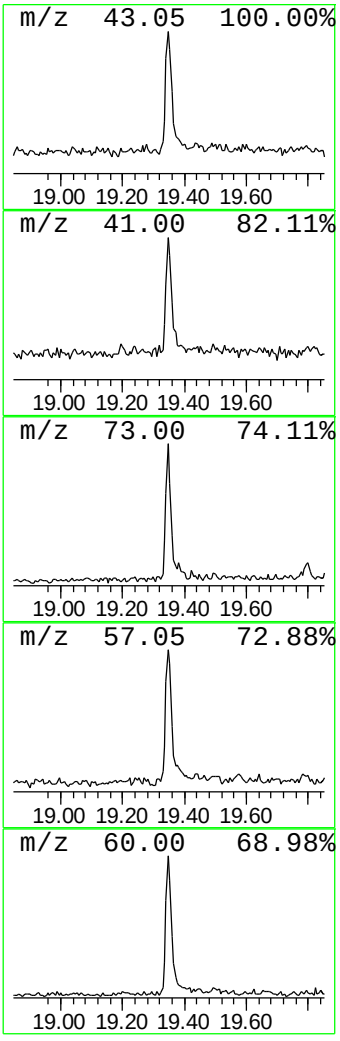
****

Peak Number 8 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	4.68 ng	406581	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





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Acq On : 10 May 2015 2:10
Operator : TP/IZ
Sample : G2104-06
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-108

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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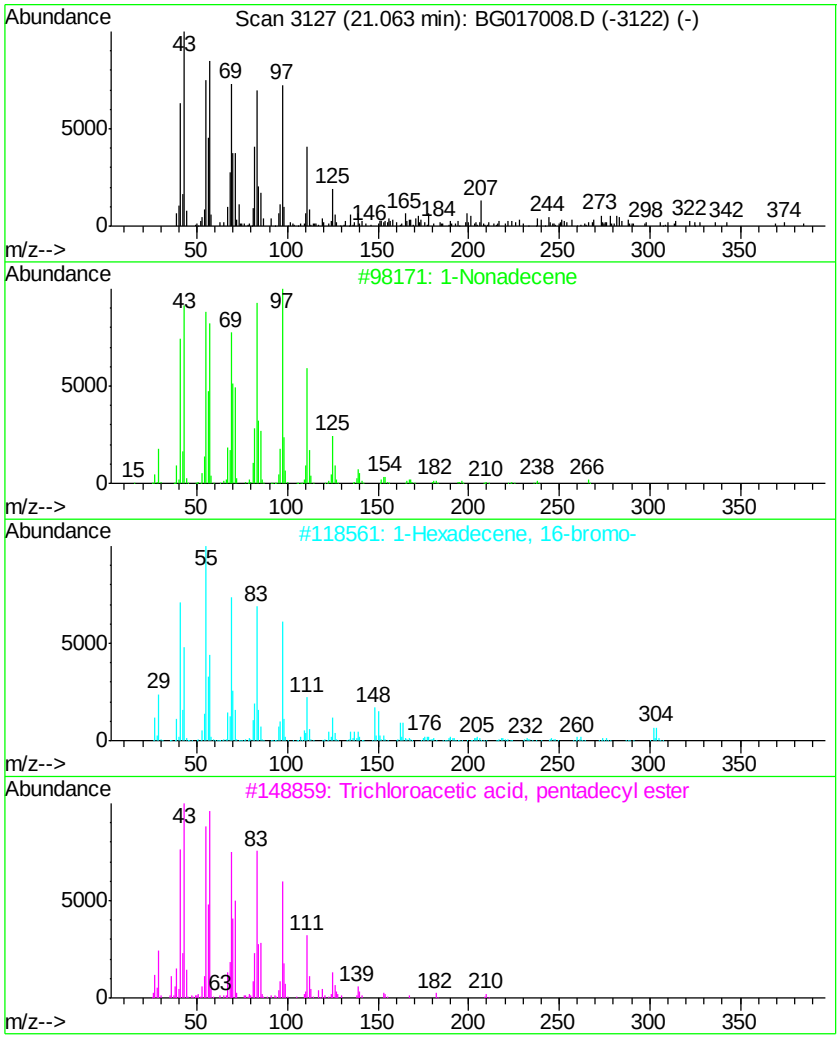
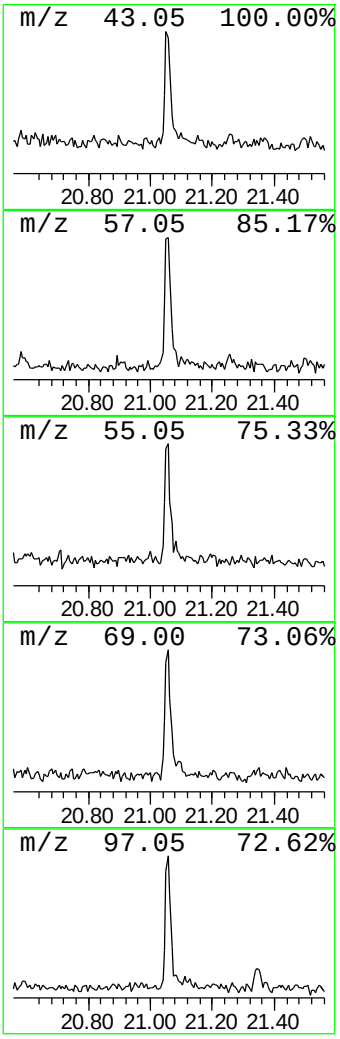
Peak Number 9 1-Nonadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.73 ng	236765	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	90
2	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	87
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
4	1-Octadecanol	270	C18H38O	000112-92-5	87
5	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017008.D
Acq On : 10 May 2015 2:10
Operator : TP/IZ
Sample : G2104-06
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Instrument : BNA_G
ClientSampleId : MW-108

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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...	2.99	26.9	ng	787117	1	7.79	585986	20.0
unknown4.91	4.91	4.0	ng	115606	1	7.79	585986	20.0
unknown7.33	7.33	73.8	ng	2163150	1	7.79	585986	20.0
Propanoic acid, 2...	12.78	2.9	ng	203748	3	14.43	1399660	20.0
n-Hexadecanoic acid	18.07	5.5	ng	454427	4	17.17	1664070	20.0
Octadecanoic acid	19.35	4.7	ng	406581	5	21.34	1737080	20.0
1-Nonadecene	21.06	2.7	ng	236765	5	21.34	1737080	20.0