LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017450.D
Acq On : 4 Jun 2015 20:08
Operator : TP/IZ
Sample : G2491-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS043MW100-150602

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-BG060315.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	2.778	10	15	21	rBV	228669	292952	16.65%	3.654%
2	4.241	259	264	272	rBV	73913	108364	6.16%	1.352%
3	4.934	374	382	389	rBV	557985	817727	46.49%	10.201%
4	5.216	425	430	439	rBV	136661	193589	11.01%	2.415%
5	6.826	696	704	712	rVB2	87947	134399	7.64%	1.677%
6	7.167	754	762	773	rBV	283949	436684	24.82%	5.447%
7	7.625	833	840	845	rBV2	66804	108721	6.18%	1.356%
8	7.942	888	894	904	rBV	268893	426653	24.25%	5.322%
9	8.788	1031	1038	1047	rBV	224000	368297	20.94%	4.594%
10	10.416	1309	1315	1322	rVB	84986	141237	8.03%	1.762%
11	12.907	1730	1739	1747	rBV	581008	834503	47.44%	10.410%
12	14.288	1967	1974	1980	rBV2	139807	205389	11.68%	2.562%
13	15.786	2221	2229	2246	rBV2	632787	862984	49.06%	10.765%
14	17.037	2437	2442	2450	rVB2	201798	283789	16.13%	3.540%
15	17.942	2590	2596	2601	rBV3	31677	49927	2.84%	0.623%
16	19.164	2800	2804	2808	rBV	40674	42403	2.41%	0.529%
17	19.235	2811	2816	2821	rBV6	18609	31687	1.80%	0.395%
18	19.499	2857	2861	2867	rBV2	34209	42407	2.41%	0.529%
19	19.681	2886	2892	2898	rVB	1426669	1759080	100.00%	21.944%
20	20.134	2963	2969	2972	rBV6	12631	22460	1.28%	0.280%
21	20.474	3023	3027	3032	rBV4	15070	22575	1.28%	0.282%
22	20.950	3104	3108	3114	rBV4	23174	40575	2.31%	0.506%
23	21.150	3138	3142	3145	rBV	47156	51142	2.91%	0.638%
24	21.232	3150	3156	3161	rBV	286788	375398	21.34%	4.683%
25	23.465	3529	3536	3545	rVB2	196575	363338	20.66%	4.533%

Sum of corrected areas: 8016280

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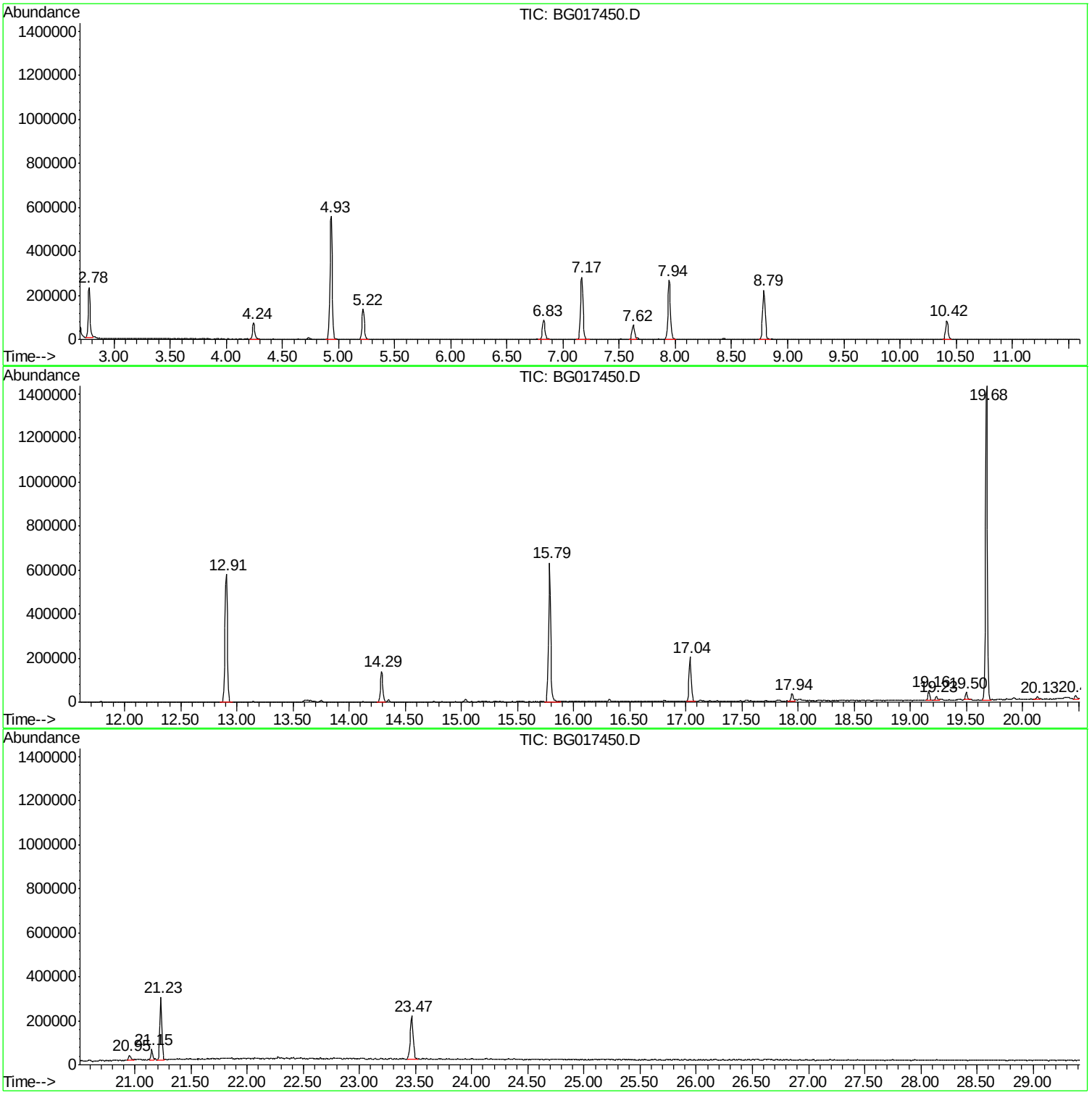
Operator : TP/IZ
Sample : G2491-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS043MW100-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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\BG060415\
Data File : BG017450.D
Acq On : 4 Jun 2015 20:08
Operator : TP/IZ
Sample : G2491-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS043MW100-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

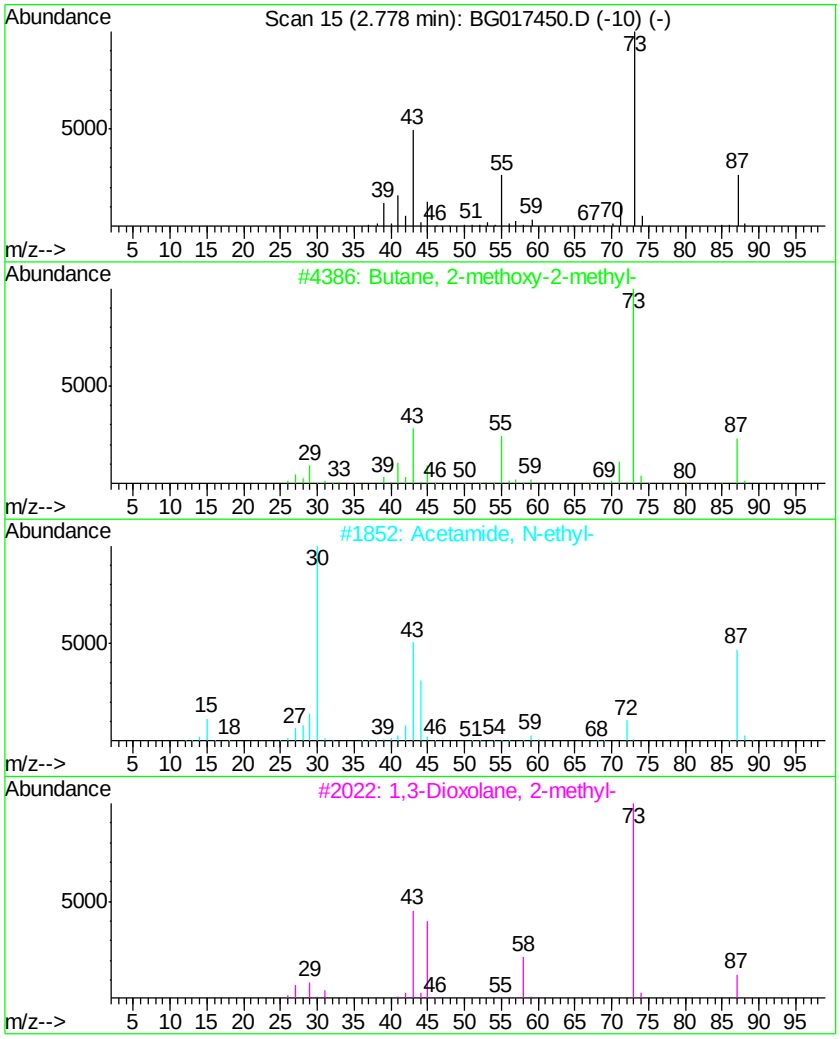
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

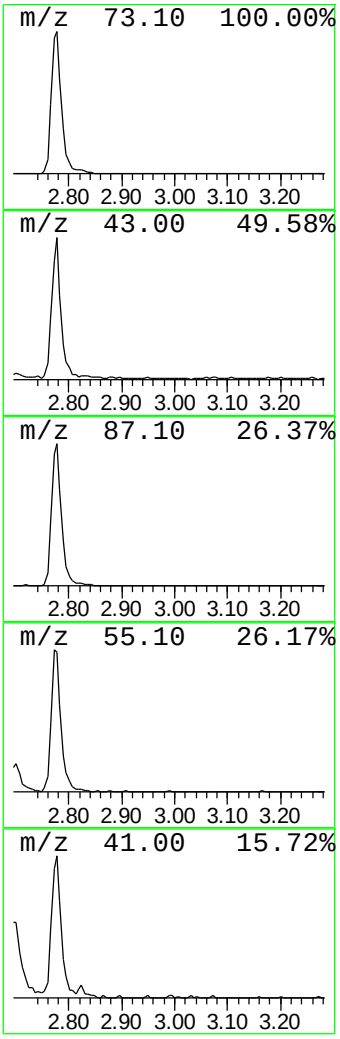
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	53.89 ng	292952	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017450.D
Acq On : 4 Jun 2015 20:08
Operator : TP/IZ
Sample : G2491-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS043MW100-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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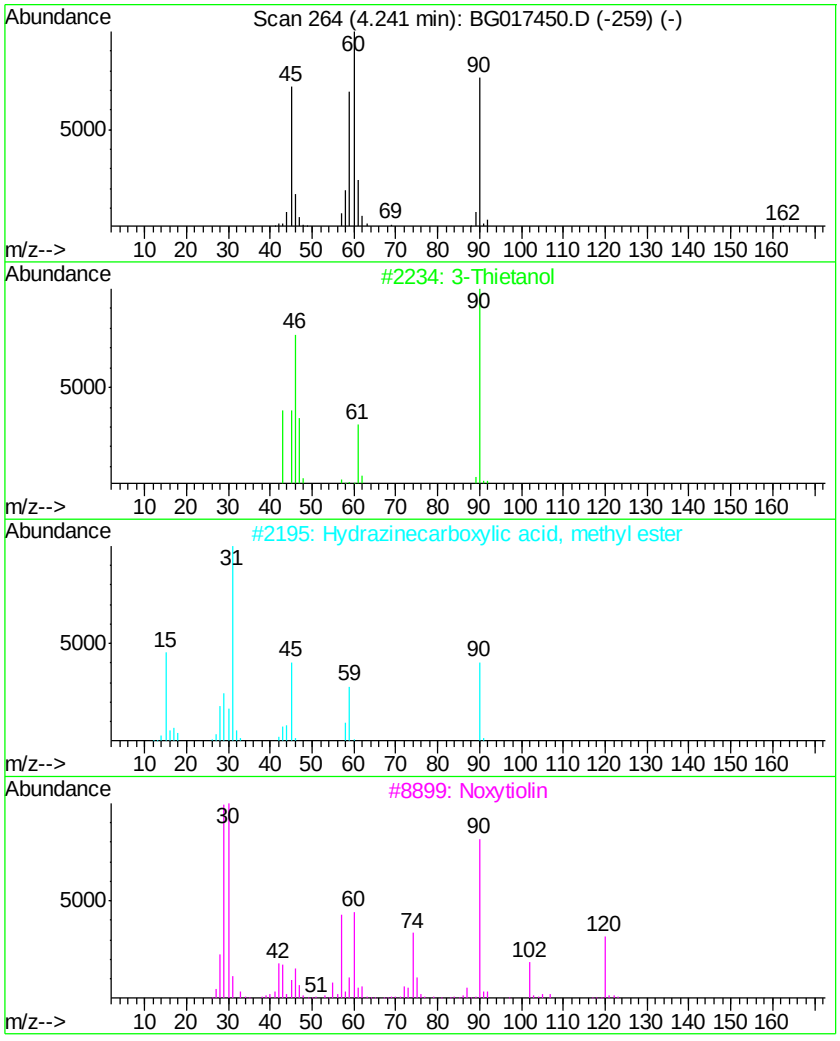
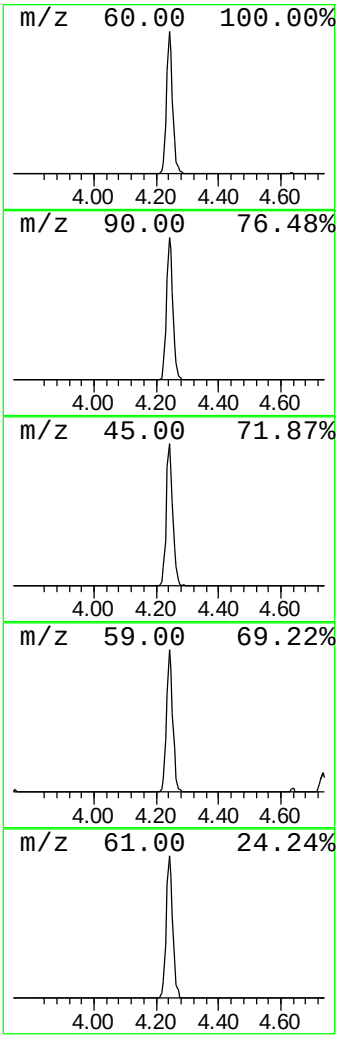
Peak Number 2 3-Thietanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	19.93 ng	108364	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Thietanol	90	C3H6OS	010304-16-2	50
2	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	45
3	Noxytiolin	120	C3H8N2OS	015599-39-0	42
4	1-Cyano-N-fluoroformimidoyl fluo...	90	C2F2N2	014011-05-3	40
5	Thiirane	60	C2H4S	000420-12-2	18





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017450.D
Acq On : 4 Jun 2015 20:08
Operator : TP/IZ
Sample : G2491-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS043MW100-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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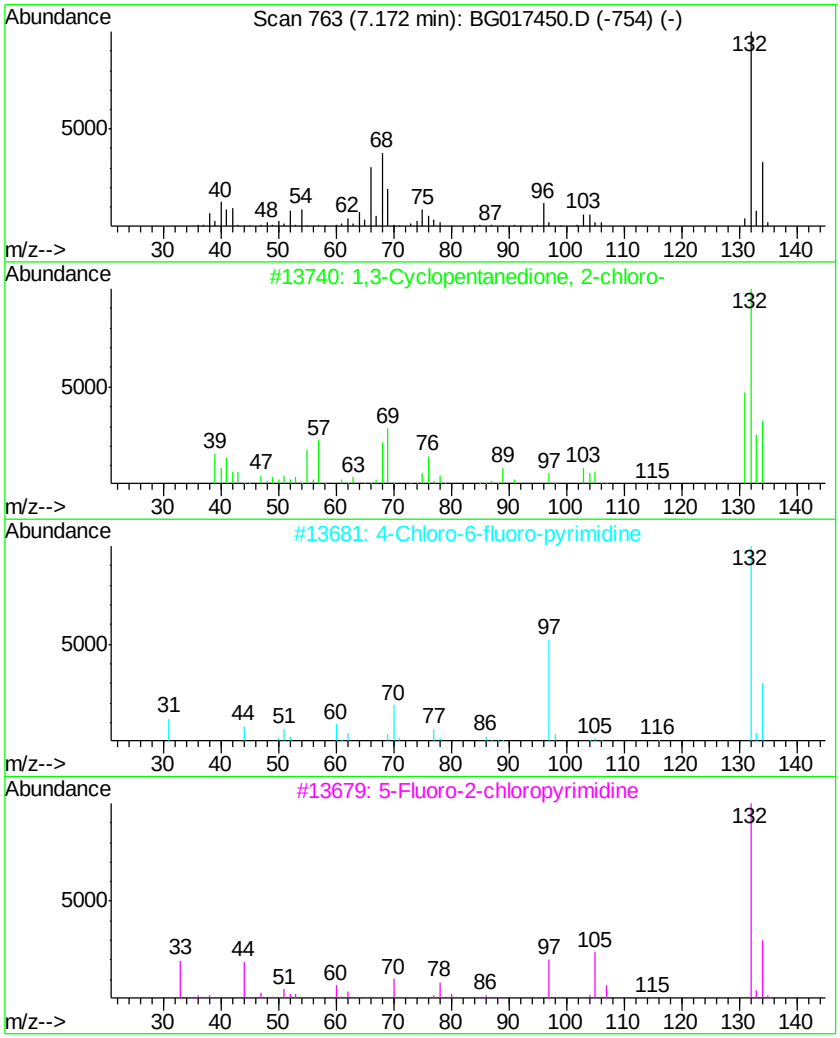
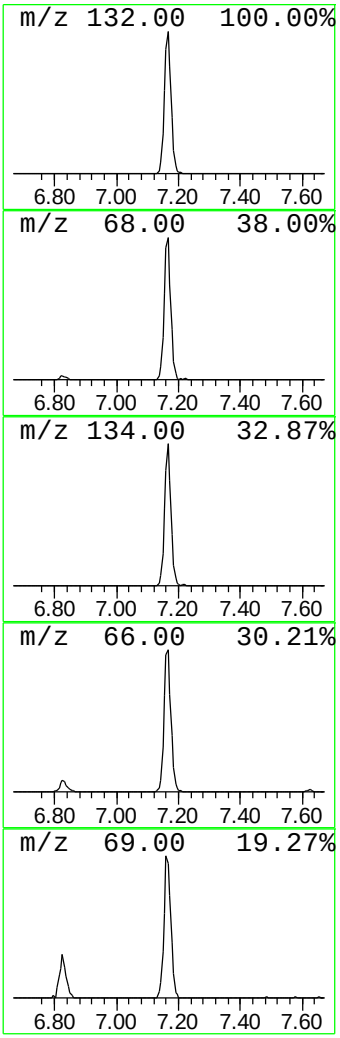
Peak Number 4 unknown7.17 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	80.33 ng	436684	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017450.D
Acq On : 4 Jun 2015 20:08
Operator : TP/IZ
Sample : G2491-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS043MW100-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

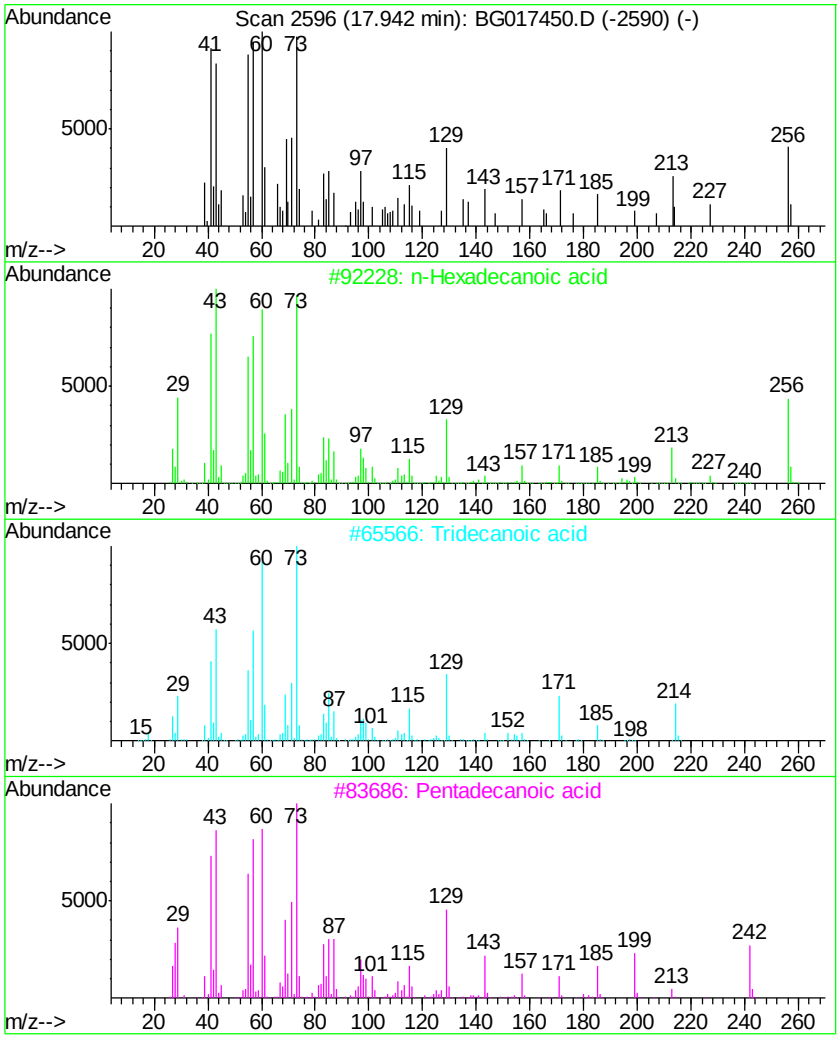
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

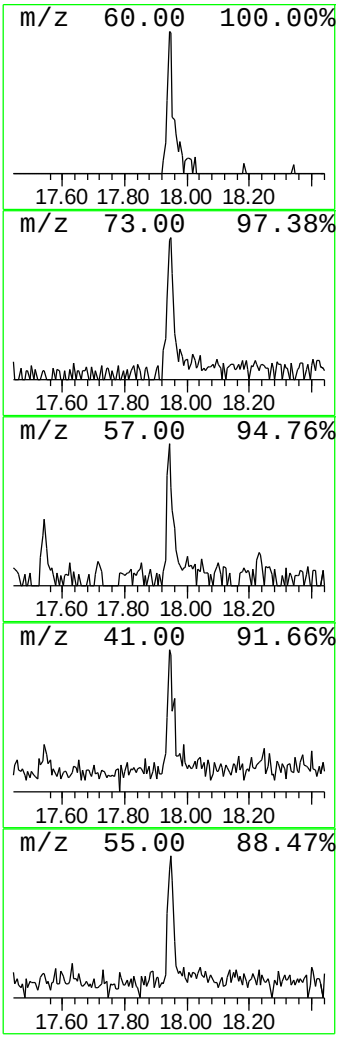
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	3.52 ng	49927	Phenanthrene-d10	17.04

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	50
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	45
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	35
5	Undecanoic acid	186	C11H22O2	000112-37-8	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017450.D
Acq On : 4 Jun 2015 20:08
Operator : TP/IZ
Sample : G2491-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS043MW100-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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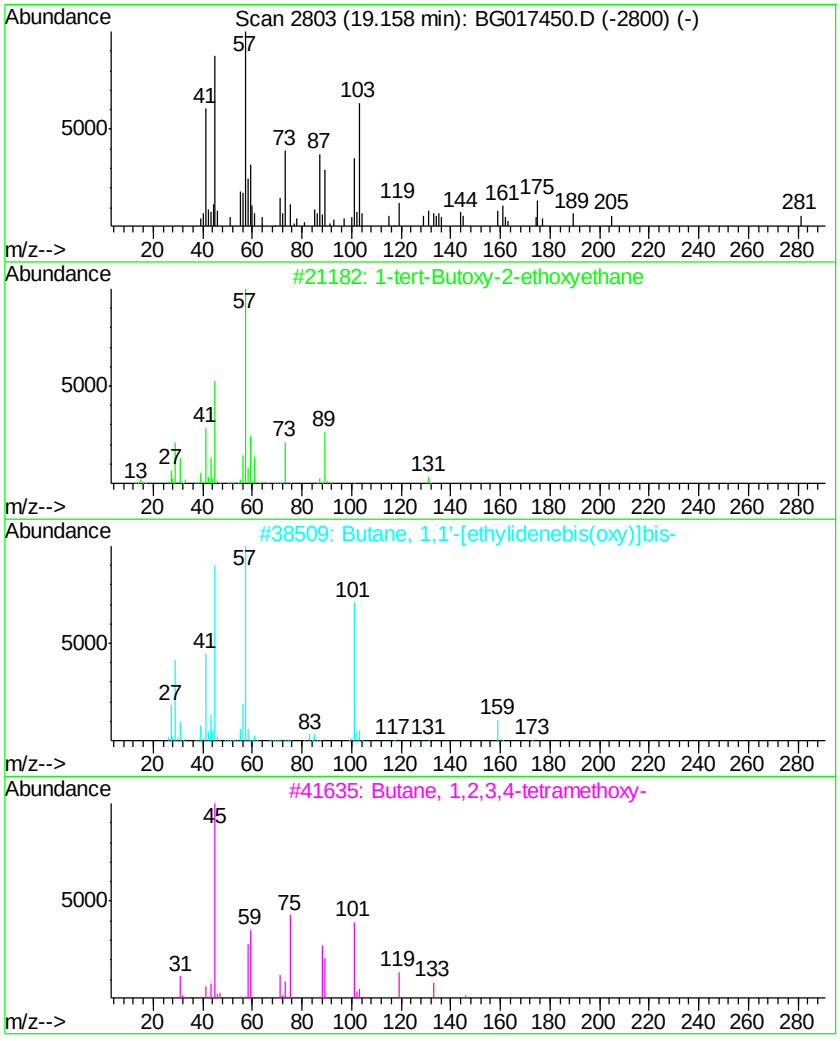
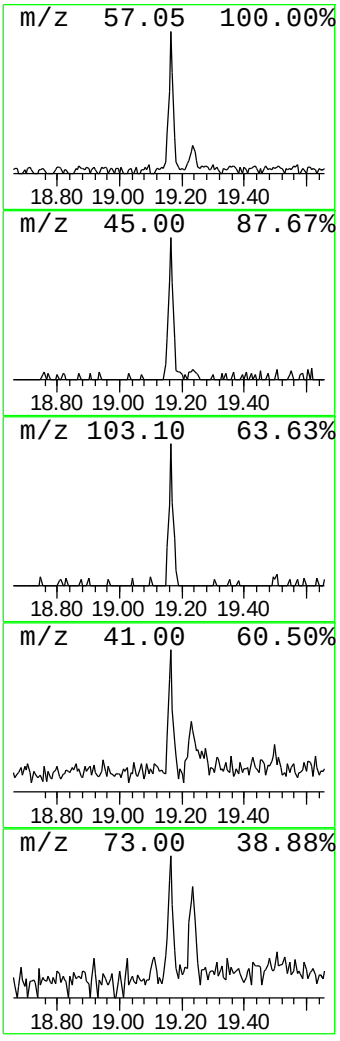
Peak Number 7 unknown19.16 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.26 ng	42403	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	47
2	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	35
3	Butane, 1,2,3,4-tetramethoxy-	178	C8H18O4	003011-85-6	25
4	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	25
5	Di-sec-butyl ether	130	C8H18O	006863-58-7	25





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Data File : BG017450.D
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Operator : TP/IZ
Sample : G2491-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS043MW100-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

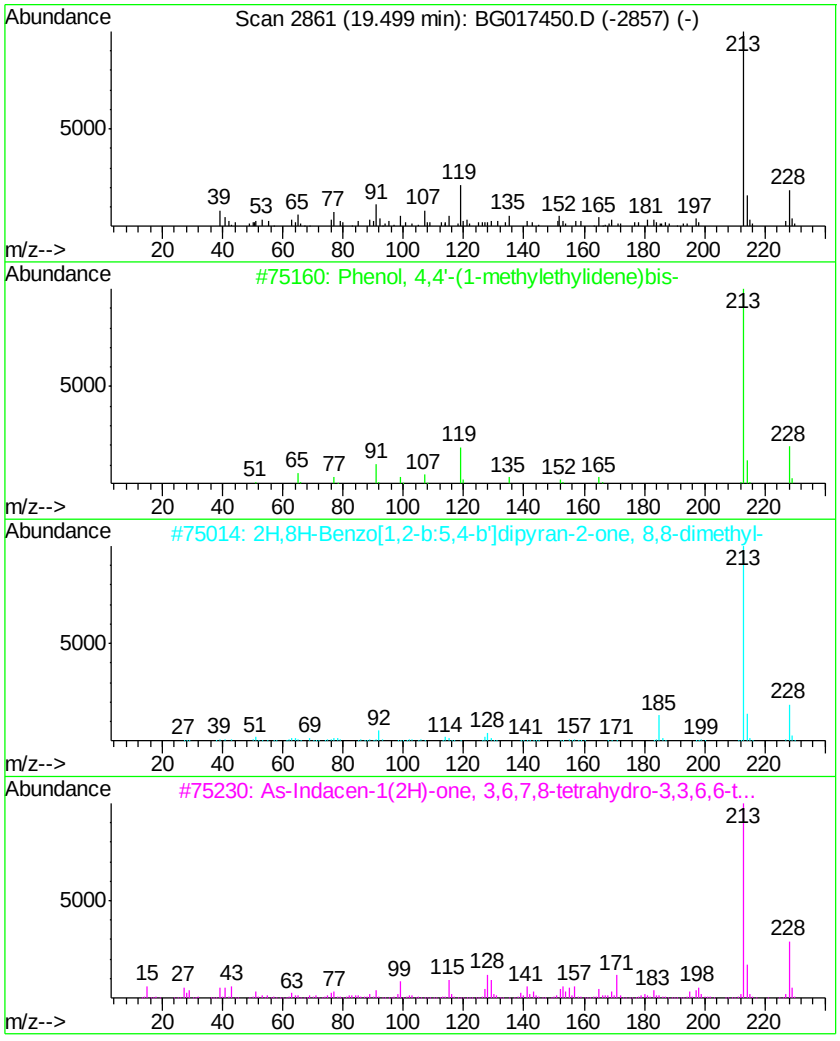
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

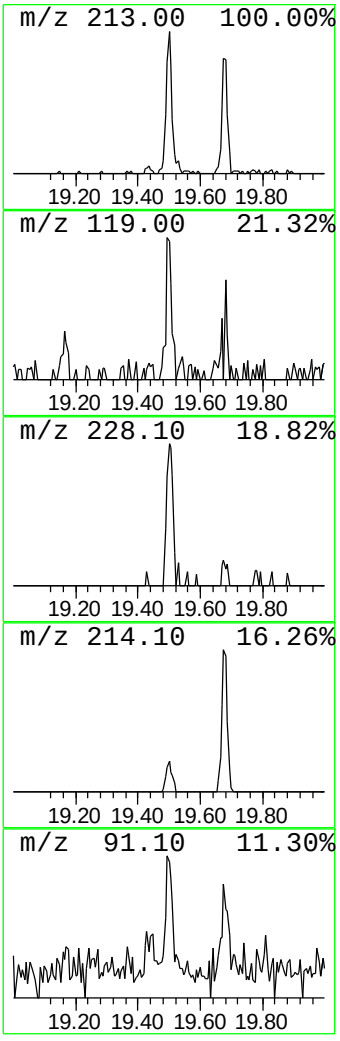
****

Peak Number 8 Phenol, 4,4'-(1-methylethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.26 ng	42407	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	64
3	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	62
4	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	58
5	4H-Pyrazolo[5,1-c]-1,4-benzodiaz...	213	C11H7N3O2	1000277-20-1	53





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Operator : TP/IZ
Sample : G2491-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS043MW100-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

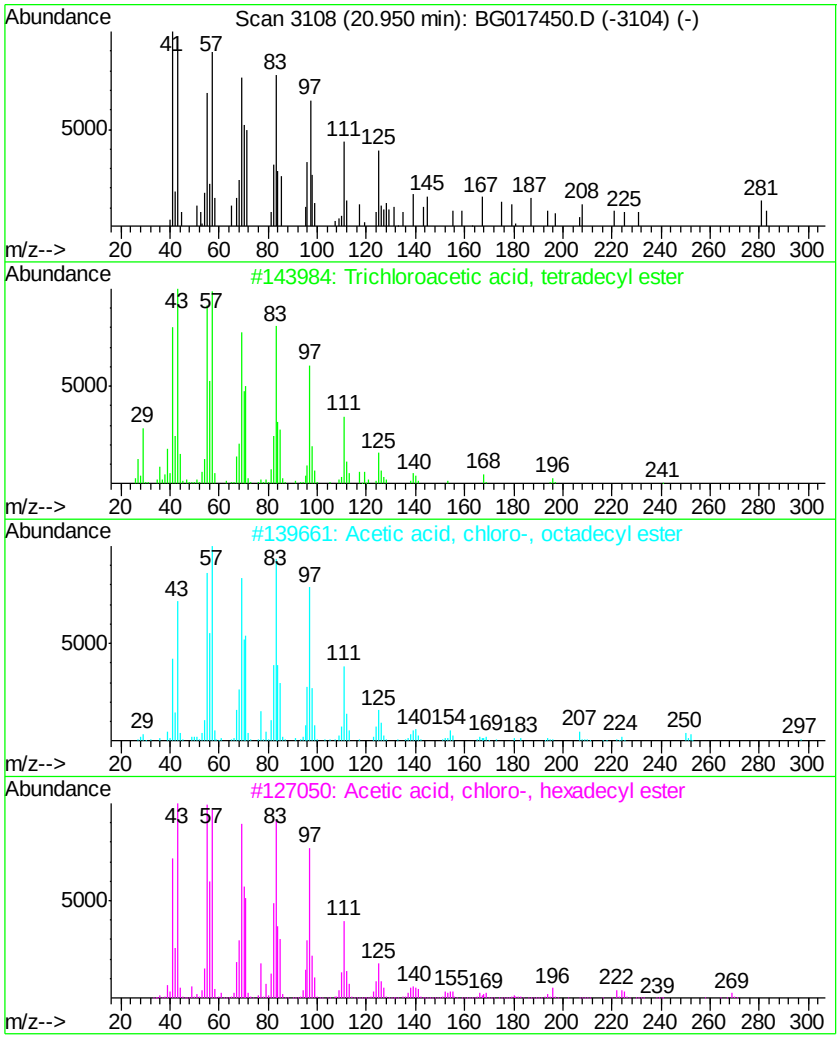
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

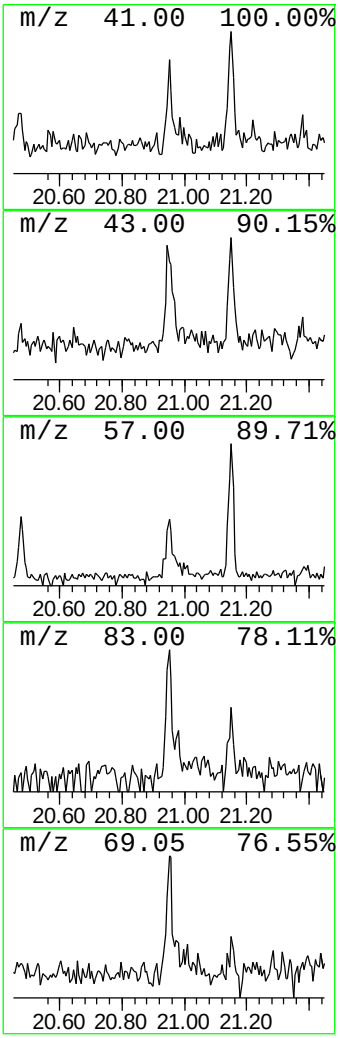
****

Peak Number 9 Trichloroacetic acid, tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.16 ng	40575	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
2	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	81
3	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	80
4	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	76
5	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	74





Tentatively Identified Compound (LSC) summary

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Data File : BG017450.D
Acq On : 4 Jun 2015 20:08
Operator : TP/IZ
Sample : G2491-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS043MW100-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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...	2.78	53.9	ng	292952	1	7.62	108721	20.0
3-Thietanol	4.24	19.9	ng	108364	1	7.62	108721	20.0
unknown7.17	7.17	80.3	ng	436684	1	7.62	108721	20.0
n-Hexadecanoic acid	17.94	3.5	ng	49927	4	17.04	283789	20.0
unknown19.16	19.16	2.3	ng	42403	5	21.23	375398	20.0
Phenol, 4,4'-(1-m...	19.50	2.3	ng	42407	5	21.23	375398	20.0
Trichloroacetic a...	20.95	2.2	ng	40575	5	21.23	375398	20.0