LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021143.D
Acq On : 28 Feb 2016 9:24
Operator : UM/SJ
Sample : H1526-06
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-05

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-BG022616.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	3.084	37	42	61	rBV	1389717	2002855	100.00%	30.865%
2	3.231	63	67	76	rVB3	15900	30624	1.53%	0.472%
3	5.258	405	412	418	rBV	45213	67465	3.37%	1.040%
4	5.722	484	491	498	rVB	195304	310910	15.52%	4.791%
5	7.308	752	761	770	rBB	214116	369026	18.42%	5.687%
6	7.696	820	827	834	rBB	204481	349835	17.47%	5.391%
7	8.166	899	907	913	rBB2	36183	58938	2.94%	0.908%
8	8.489	955	962	969	rBB	141181	233943	11.68%	3.605%
9	9.330	1097	1105	1114	rBB	131030	234357	11.70%	3.612%
10	10.975	1378	1385	1392	rBB	55129	95233	4.75%	1.468%
11	13.401	1791	1798	1804	rBB	336956	499579	24.94%	7.699%
12	14.212	1931	1936	1943	rVB	53222	77020	3.85%	1.187%
13	14.770	2025	2031	2038	rVB3	89190	137290	6.85%	2.116%
14	15.593	2167	2171	2176	rVB	17041	23247	1.16%	0.358%
15	16.251	2273	2283	2289	rVB	284463	425794	21.26%	6.562%
16	16.451	2313	2317	2321	rBV	19113	26423	1.32%	0.407%
17	17.502	2489	2496	2500	rBV2	113277	170566	8.52%	2.629%
18	17.549	2500	2504	2510	rVB	51629	77645	3.88%	1.197%
19	19.541	2838	2843	2848	rVB	40701	55236	2.76%	0.851%
20	19.900	2900	2904	2910	rVB	33242	43641	2.18%	0.673%
21	20.093	2930	2937	2943	rBV	610252	775634	38.73%	11.953%
22	20.769	3046	3052	3055	rBV2	13143	22227	1.11%	0.343%
23	21.386	3153	3157	3167	rBV4	22136	35476	1.77%	0.547%
24	21.768	3214	3222	3228	rBV	120270	199274	9.95%	3.071%
25	25.046	3771	3780	3792	rVB2	58947	166741	8.33%	2.570%

Sum of corrected areas: 6488979

LSC Report - Integrated Chromatogram

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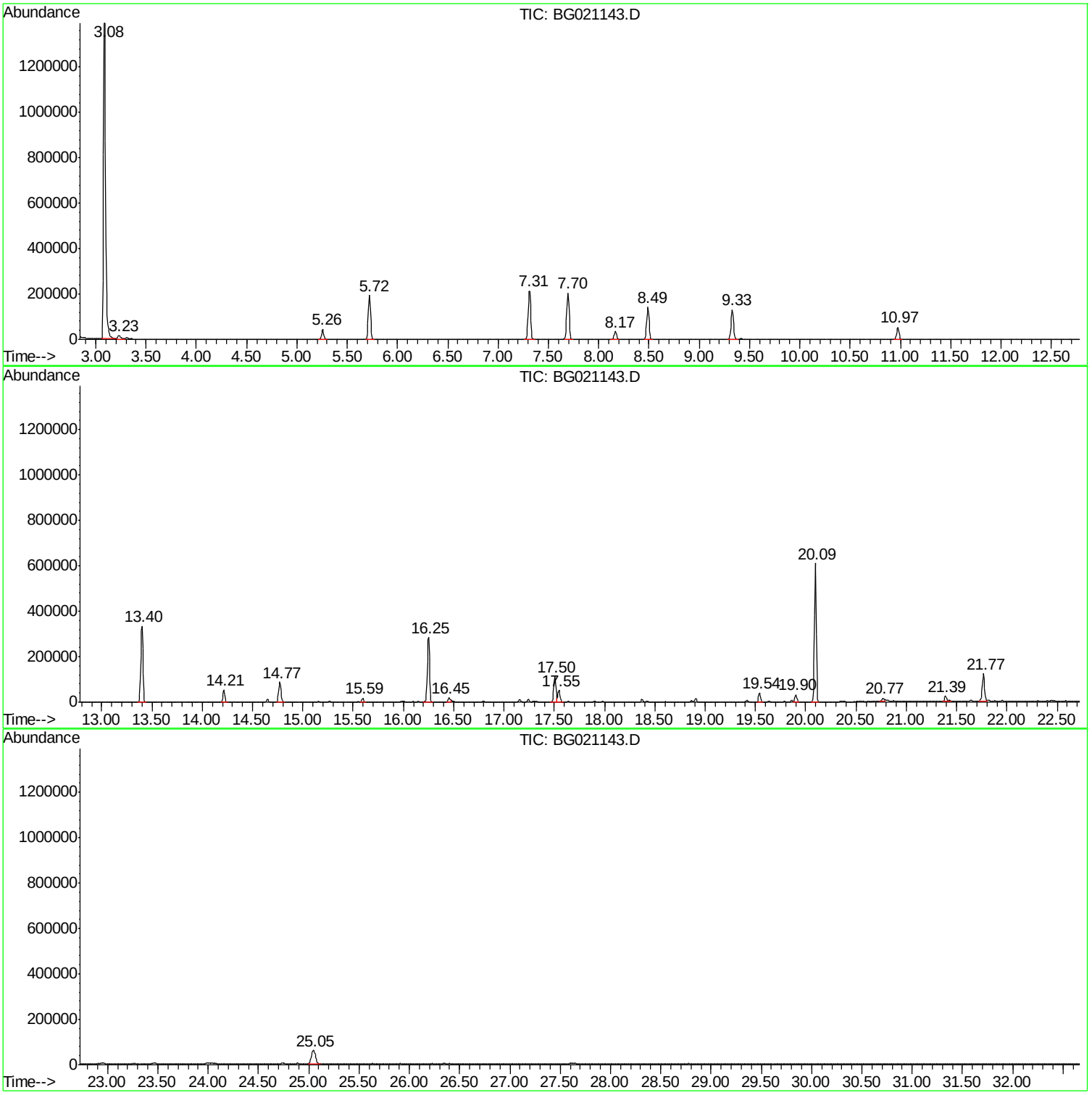
Operator : UM/SJ
Sample : H1526-06
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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\BG022716\
Data File : BG021143.D
Acq On : 28 Feb 2016 9:24
Operator : UM/SJ
Sample : H1526-06
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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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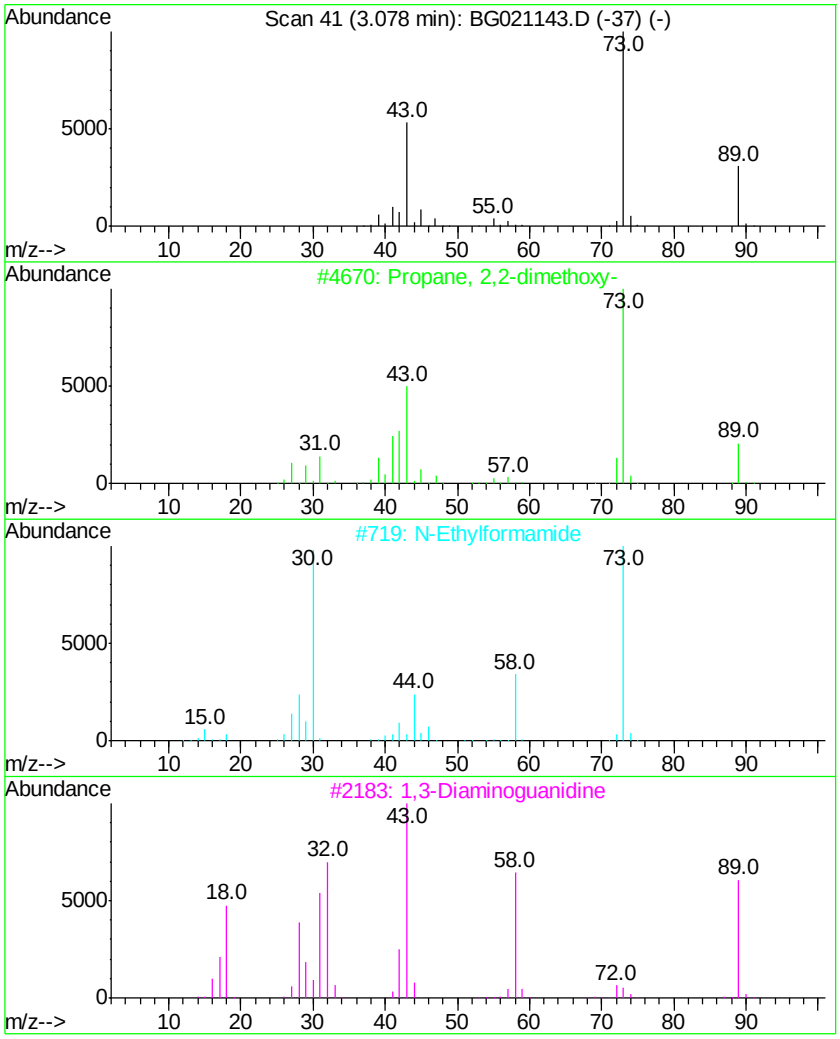
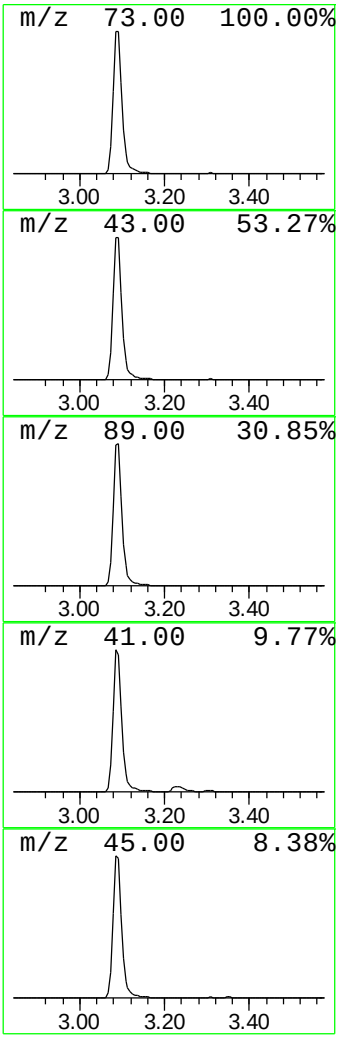
Peak Number 1 unknown3.08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	679.65 ng	2002860	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021143.D
Acq On : 28 Feb 2016 9:24
Operator : UM/SJ
Sample : H1526-06
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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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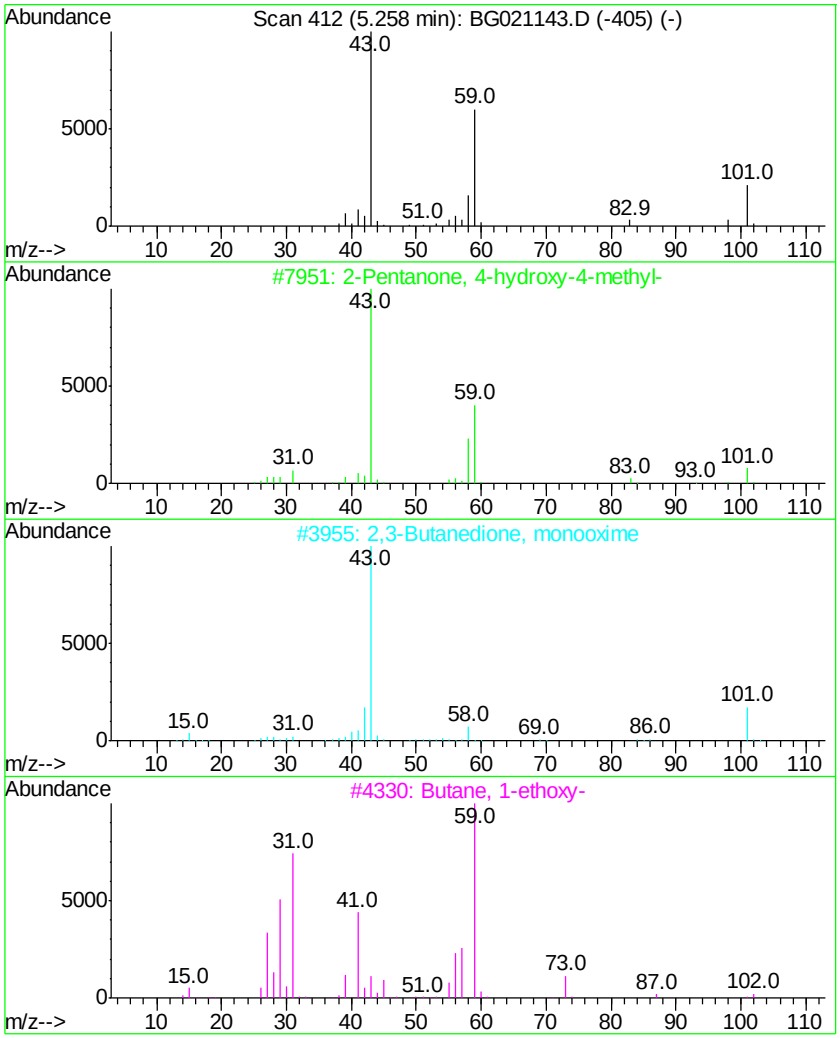
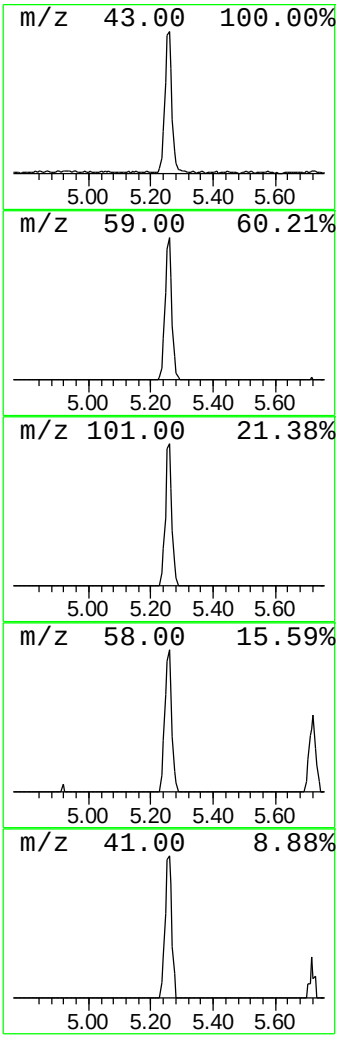
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	22.89 ng	67465	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021143.D
Acq On : 28 Feb 2016 9:24
Operator : UM/SJ
Sample : H1526-06
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

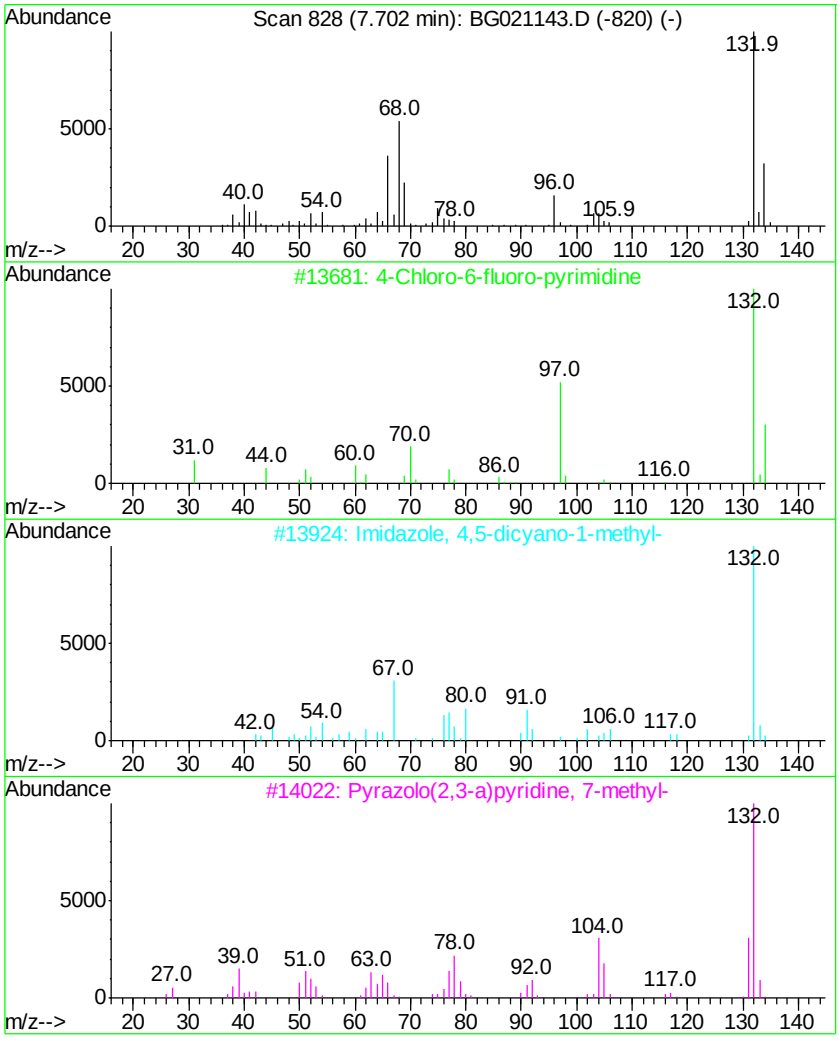
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

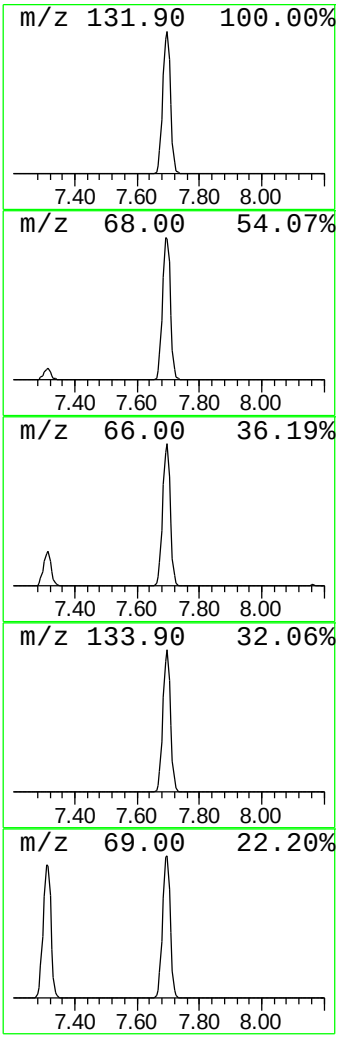
****

Peak Number 4 unknown7.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	118.71 ng	349835	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021143.D
Acq On : 28 Feb 2016 9:24
Operator : UM/SJ
Sample : H1526-06
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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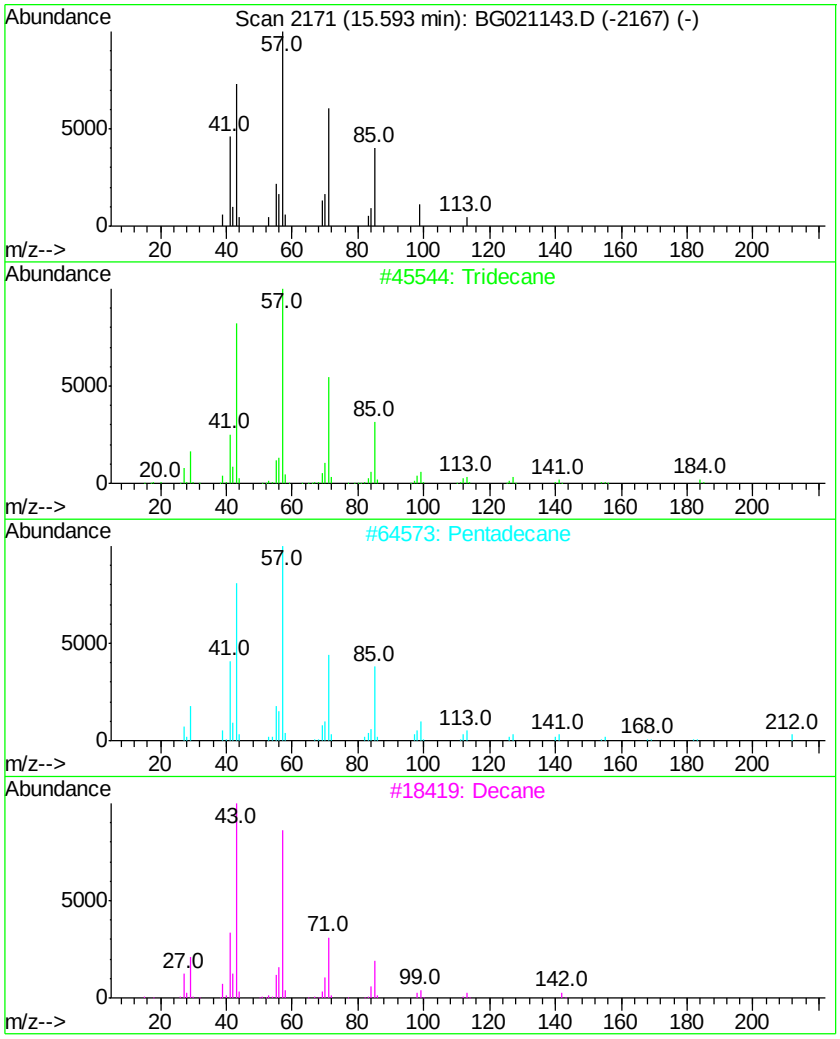
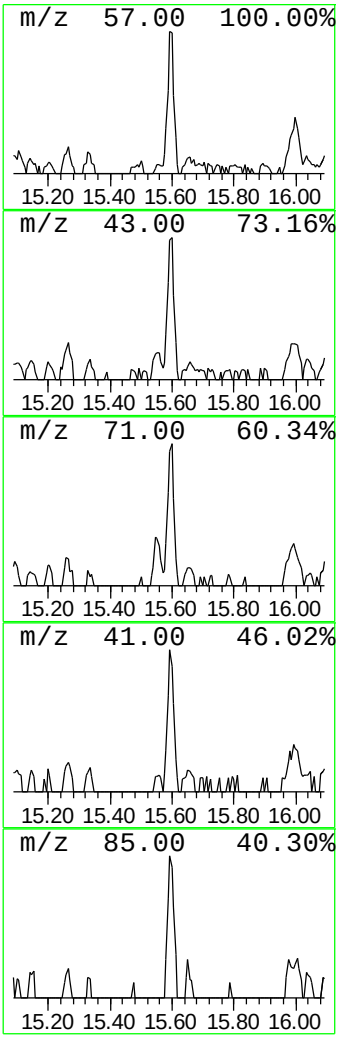
Peak Number 6 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	3.39 ng	23247	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Pentadecane	212	C15H32	000629-62-9	83
3	Decane	142	C10H22	000124-18-5	83
4	Tetradecane	198	C14H30	000629-59-4	72
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
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Operator : UM/SJ
Sample : H1526-06
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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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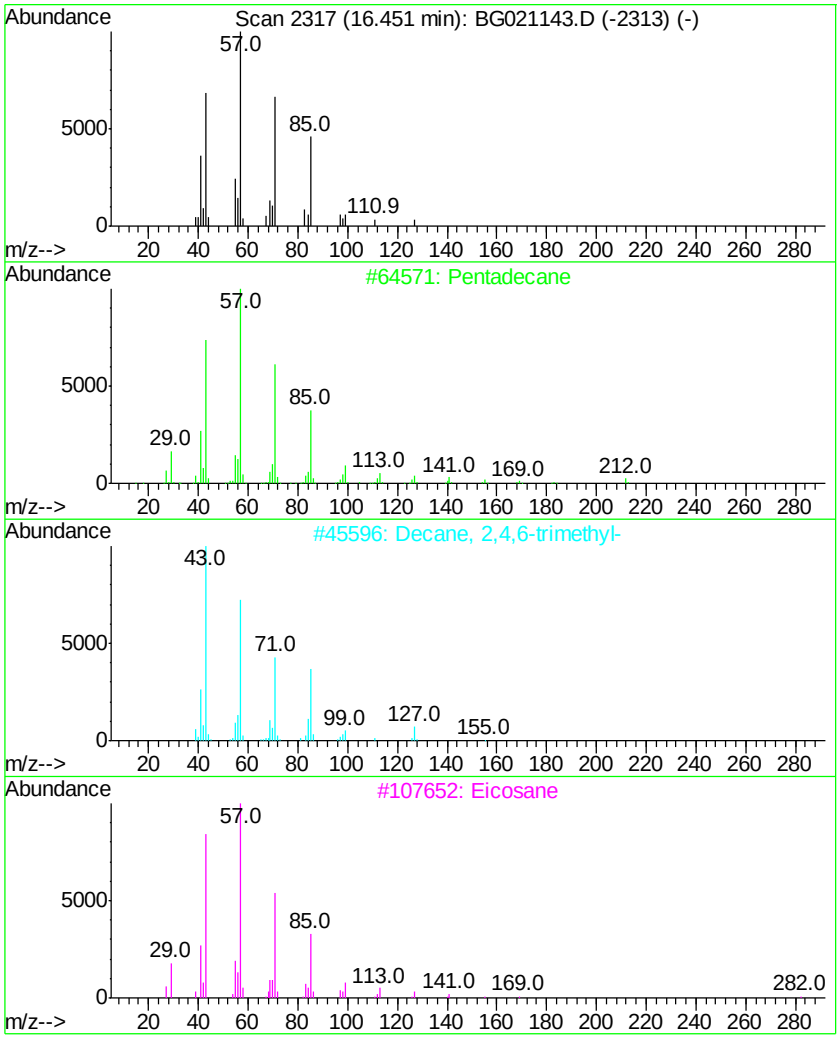
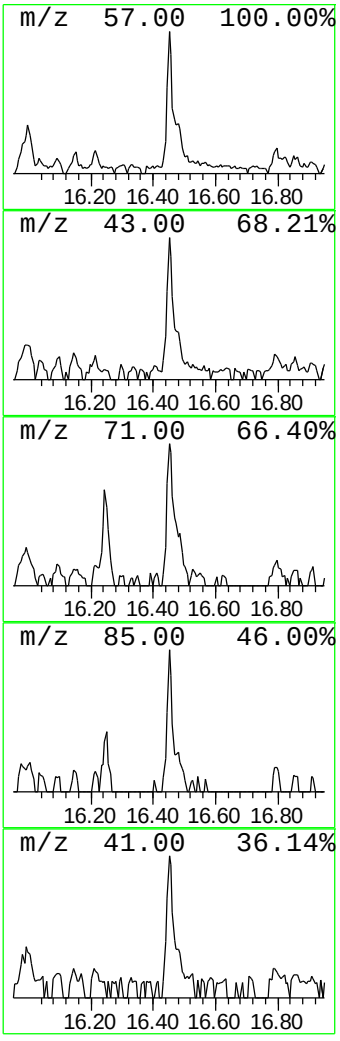
Peak Number 7 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	3.10 ng	26423	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	78
2	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	72
3	Eicosane	282	C20H42	000112-95-8	64
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59
5	Tetradecane	198	C14H30	000629-59-4	53





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Instrument : BNA_G
ClientSampleId : P-05

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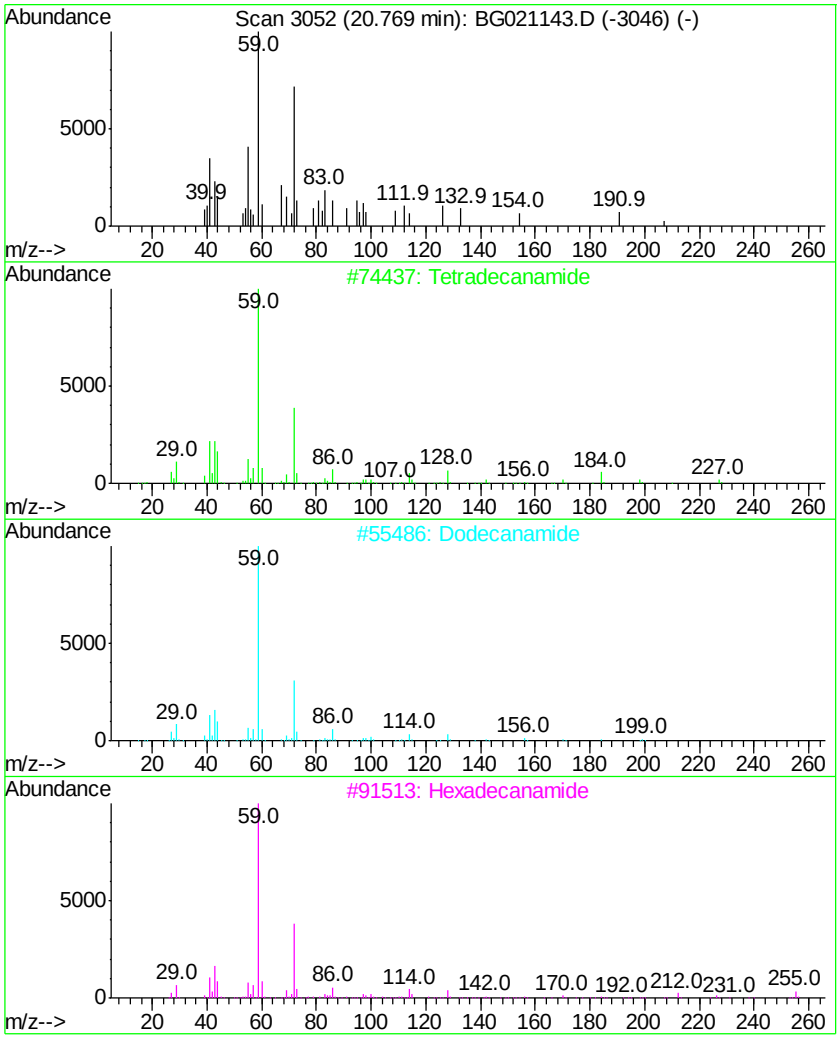
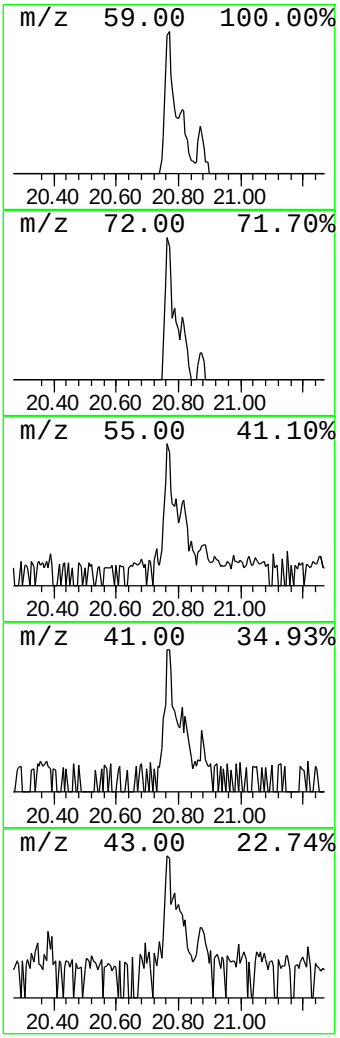
****

Peak Number 8 Tetradecanamide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.23 ng	22227	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	59
2	Dodecanamide	199	C12H25NO	001120-16-7	53
3	Hexadecanamide	255	C16H33NO	000629-54-9	45
4	7-Nonenamide	155	C9H17NO	090949-53-4	45
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	45





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ClientSampleId : P-05

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TIC Library : C:\DATABASE\NIST02.L
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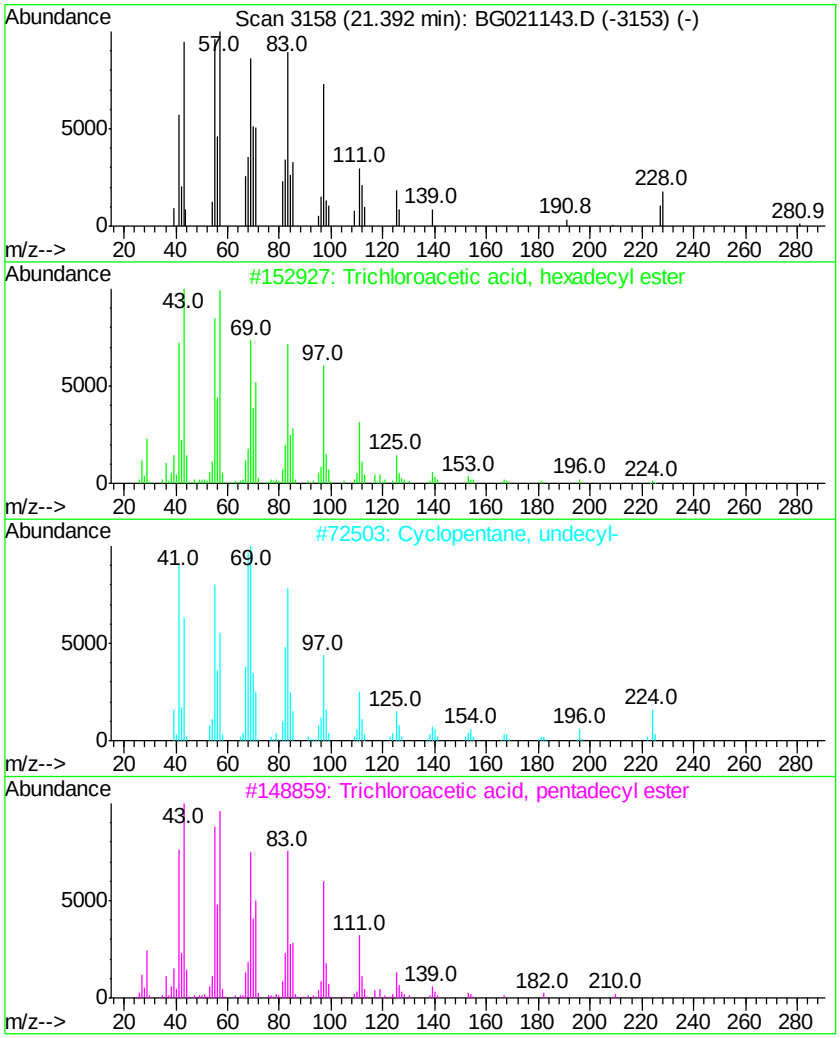
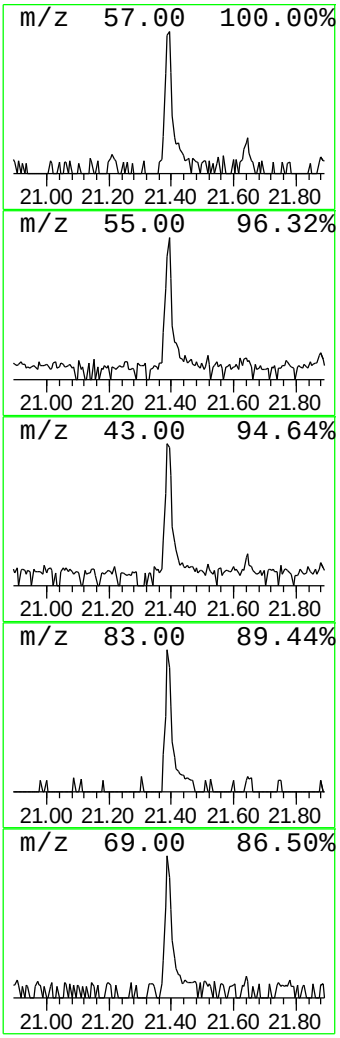
****

Peak Number 9 Trichloroacetic acid, hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	3.56 ng	35476	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
2	Cyclopentane, undecyl-	224	C16H32	006785-23-5	72
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	60
4	Cyclopentane, nonyl-	196	C14H28	002882-98-6	58
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
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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
unknown3.08	3.08	679.6	ng	2002860	1	8.17	58938	20.0
2-Pentanone, 4-hy...	5.26	22.9	ng	67465	1	8.17	58938	20.0
unknown7.70	7.70	118.7	ng	349835	1	8.17	58938	20.0
Tridecane	15.59	3.4	ng	23247	3	14.77	137290	20.0
Pentadecane	16.45	3.1	ng	26423	4	17.50	170566	20.0
Tetradecanamide	20.77	2.2	ng	22227	5	21.77	199274	20.0
Trichloroacetic a...	21.39	3.6	ng	35476	5	21.77	199274	20.0