LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021105.D
Acq On : 27 Feb 2016 8:35
Operator : UM/SJ
Sample : H1558-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-16

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	3.093	37	43	55	rBV	361160	548850	99.21%	18.132%
2	3.234	61	67	76	rVB3	8554	18531	3.35%	0.612%
3	5.261	406	412	418	rBV	22178	32595	5.89%	1.077%
4	5.720	484	490	498	rBB	106569	166482	30.09%	5.500%
5	7.312	754	761	768	rBB	113529	186047	33.63%	6.146%
6	7.700	820	827	834	rBB	106892	182401	32.97%	6.026%
7	8.170	901	907	913	rBB	20547	32928	5.95%	1.088%
8	8.493	955	962	969	rBB	80088	130723	23.63%	4.319%
9	9.333	1098	1105	1112	rBB	66608	115491	20.88%	3.815%
10	10.978	1379	1385	1392	rBB	29024	49363	8.92%	1.631%
11	13.405	1791	1798	1804	rBB	186147	272793	49.31%	9.012%
12	14.221	1932	1937	1942	rBB	19126	26427	4.78%	0.873%
13	14.774	2026	2031	2037	rBB2	46967	70893	12.81%	2.342%
14	15.602	2168	2172	2176	rBB2	6103	7379	1.33%	0.244%
15	16.254	2275	2283	2289	rBB3	160614	231471	41.84%	7.647%
16	16.460	2314	2318	2329	rBB	6387	10475	1.89%	0.346%
17	17.512	2491	2497	2503	rVB2	67614	97807	17.68%	3.231%
18	18.375	2640	2644	2650	rBV3	6633	7841	1.42%	0.259%
19	20.103	2932	2938	2944	rVB	432349	553207	100.00%	18.276%
20	21.401	3154	3159	3165	rBV2	15331	19455	3.52%	0.643%
21	21.771	3216	3222	3230	rVB	81581	132821	24.01%	4.388%
22	23.493	3510	3515	3521	rVB3	9696	17365	3.14%	0.574%
23	25.056	3771	3781	3790	rBV2	42629	115673	20.91%	3.821%

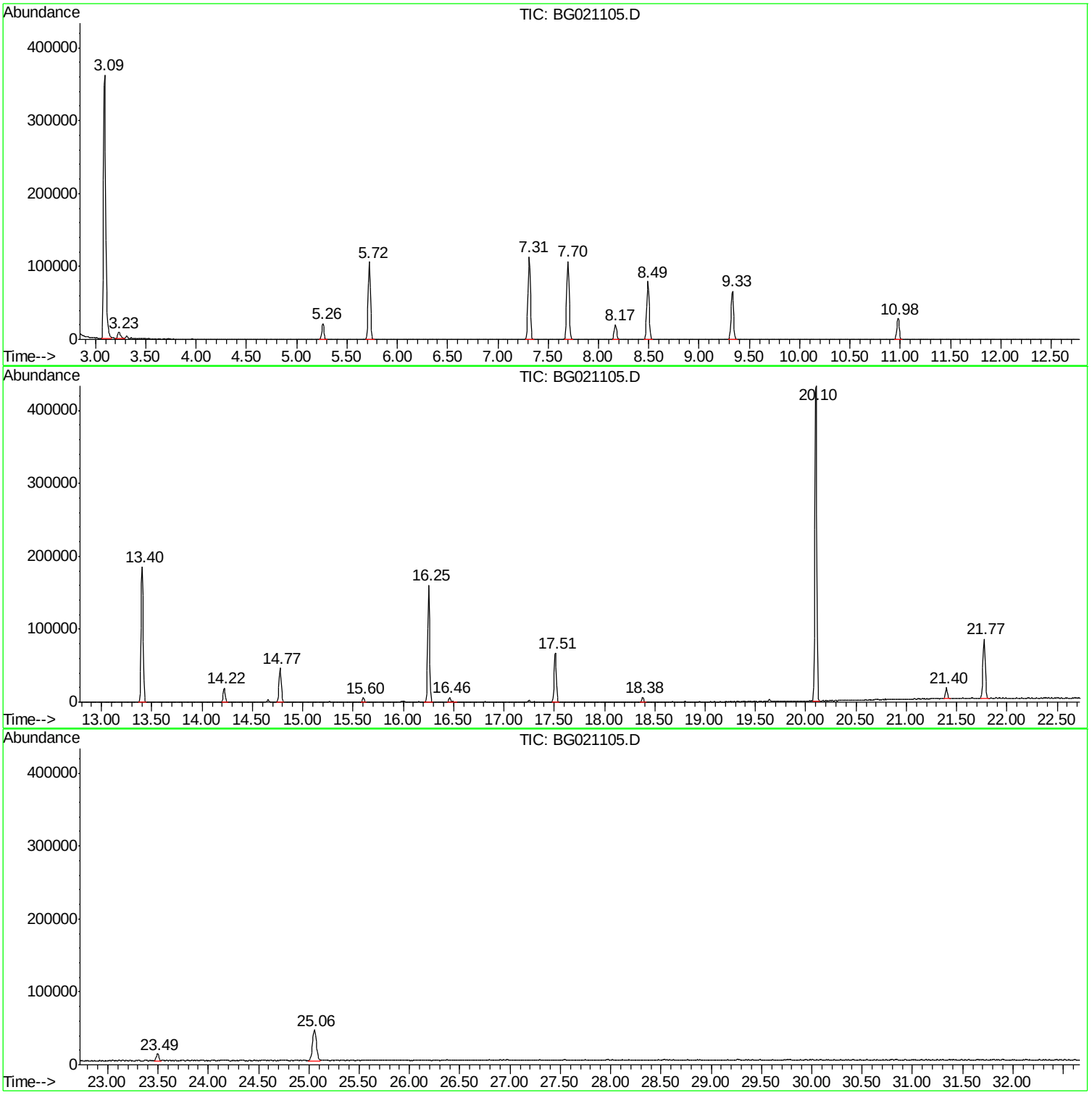
Sum of corrected areas: 3027018

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021105.D
Acq On : 27 Feb 2016 8:35
Operator : UM/SJ
Sample : H1558-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-16

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021105.D
Acq On : 27 Feb 2016 8:35
Operator : UM/SJ
Sample : H1558-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-16

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

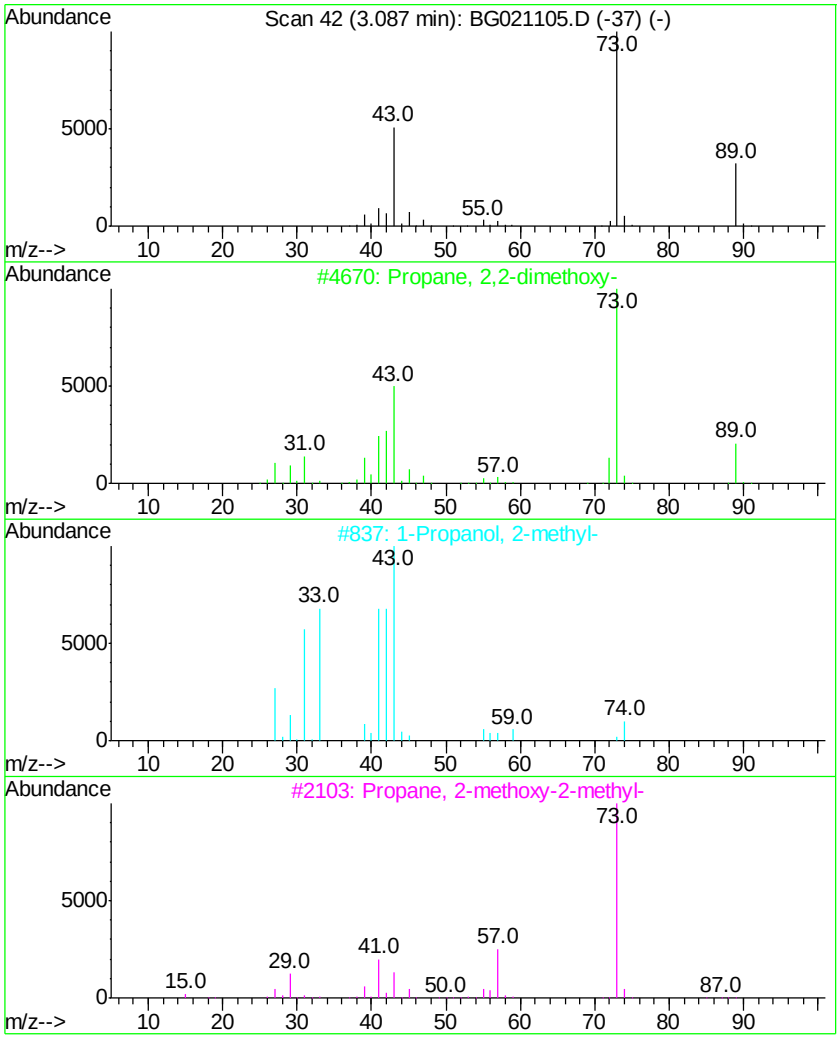
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

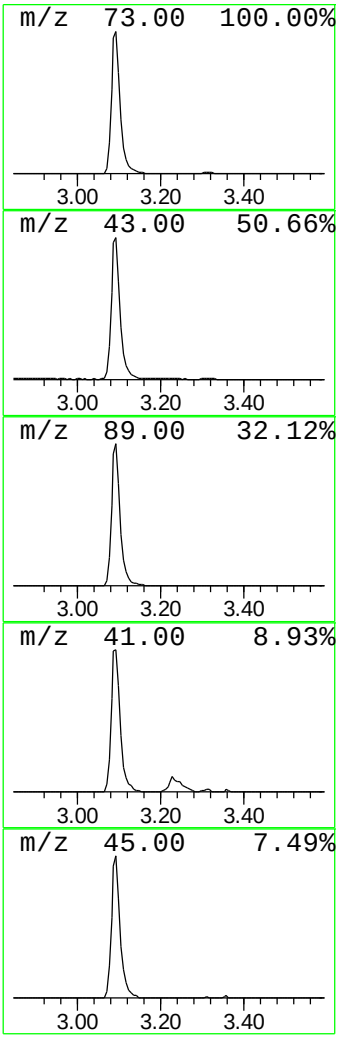
****

Peak Number 1 unknown3.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	333.36 ng	548850	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	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021105.D
Acq On : 27 Feb 2016 8:35
Operator : UM/SJ
Sample : H1558-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-16

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

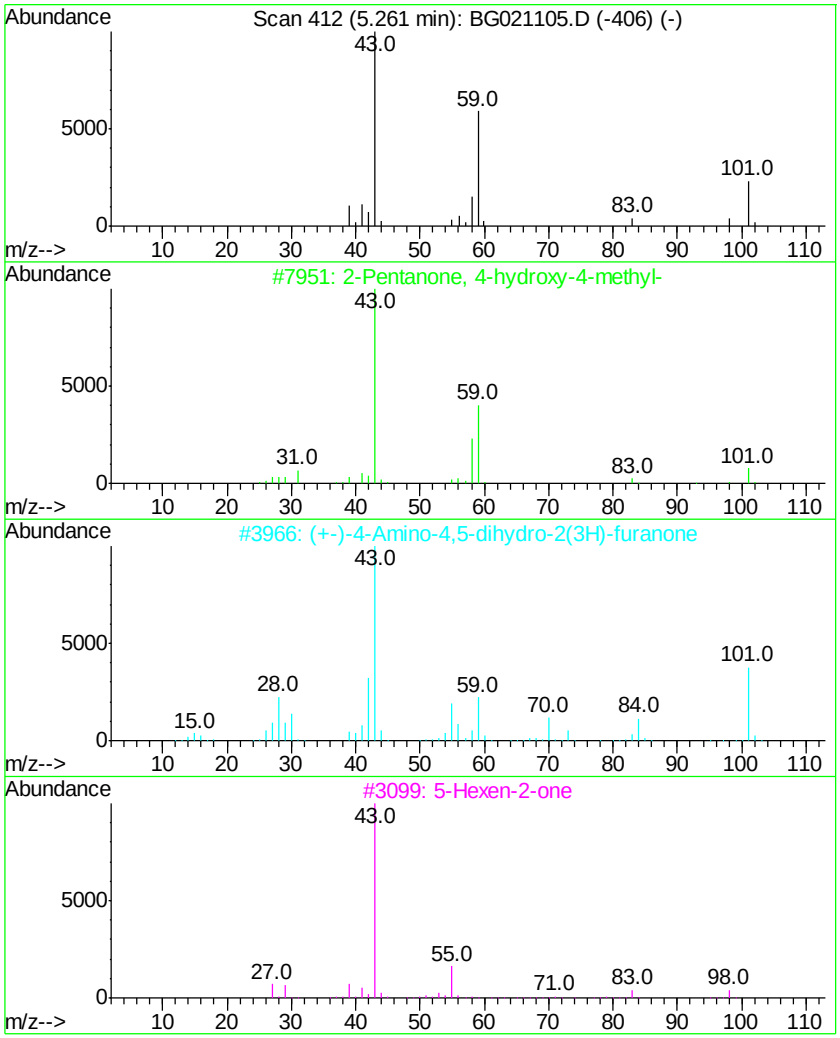
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

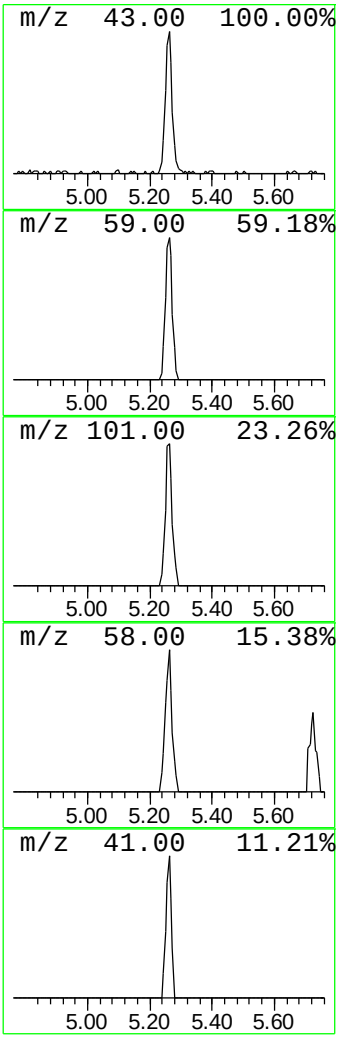
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	19.80 ng	32595	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	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021105.D
Acq On : 27 Feb 2016 8:35
Operator : UM/SJ
Sample : H1558-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-16

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

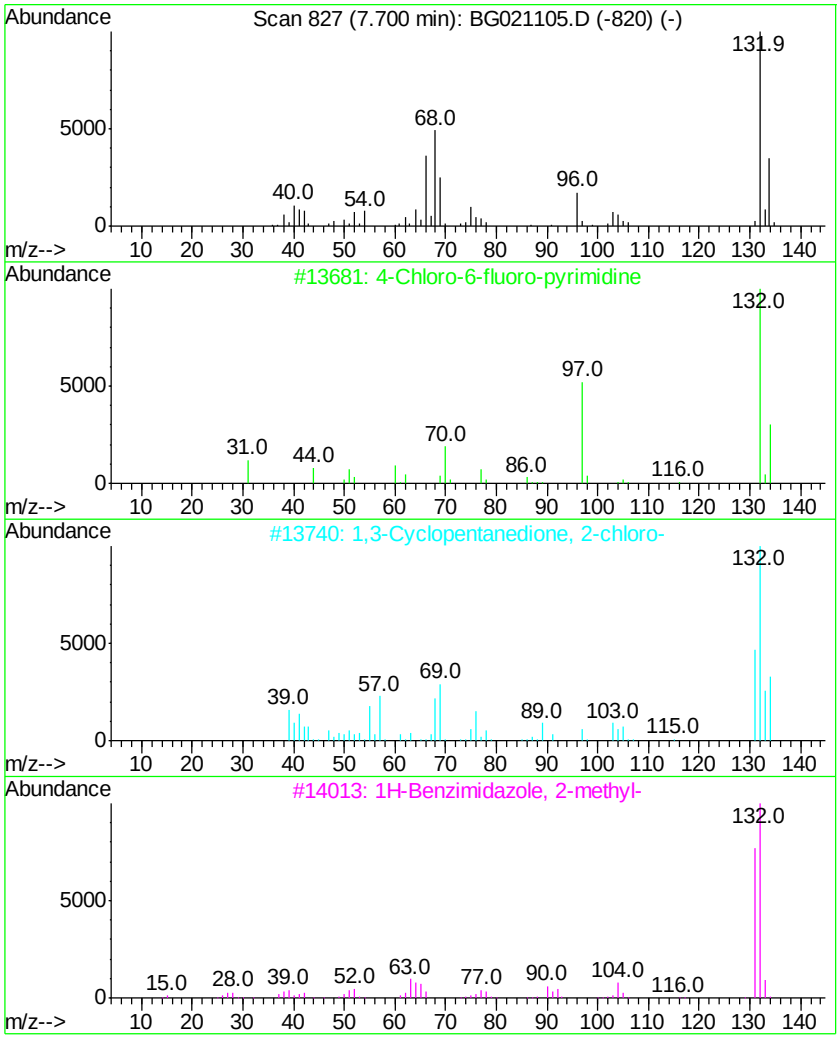
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

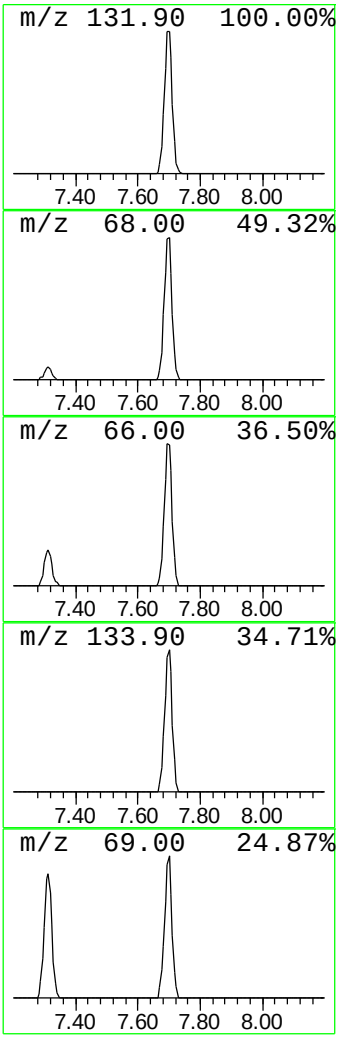
****

Peak Number 4 unknown7.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	110.79 ng	182401	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	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021105.D
Acq On : 27 Feb 2016 8:35
Operator : UM/SJ
Sample : H1558-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-16

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

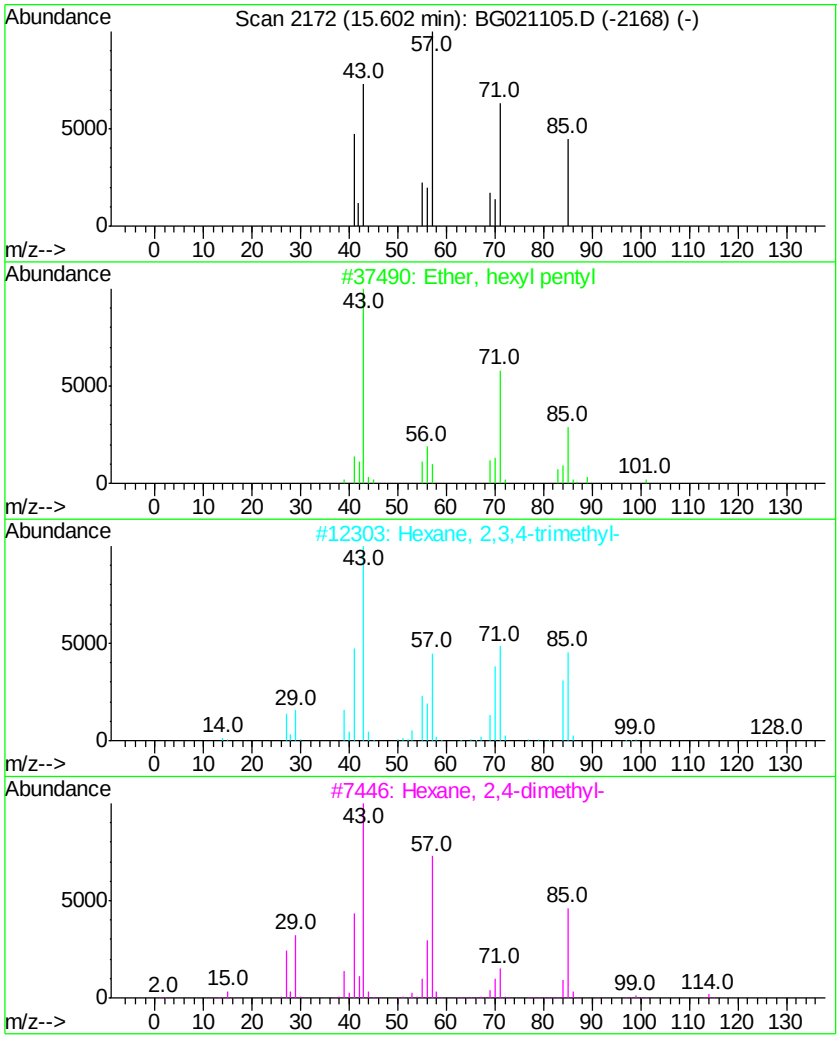
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

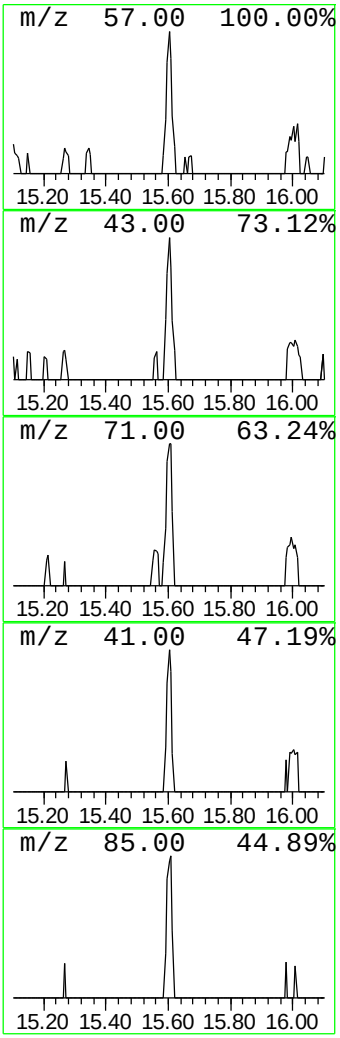
****

Peak Number 6 Ether, hexyl pentyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.08 ng	7379	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	42
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	33
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	28
5	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021105.D
Acq On : 27 Feb 2016 8:35
Operator : UM/SJ
Sample : H1558-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-16

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

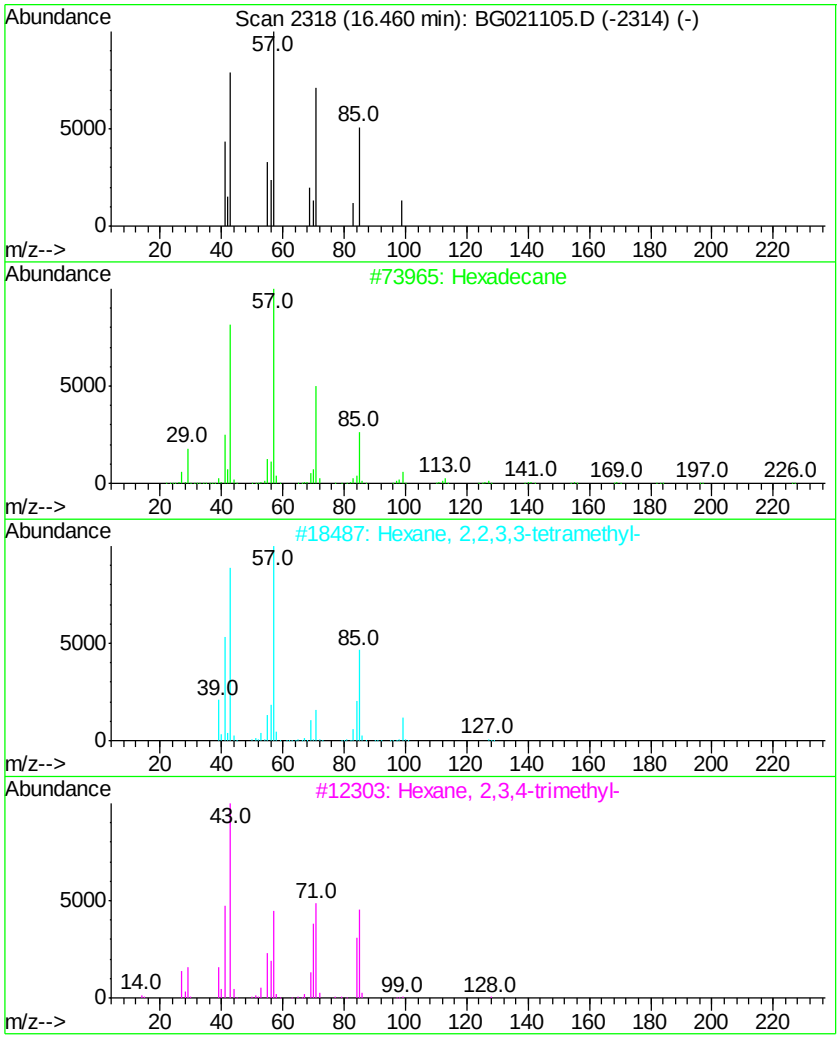
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

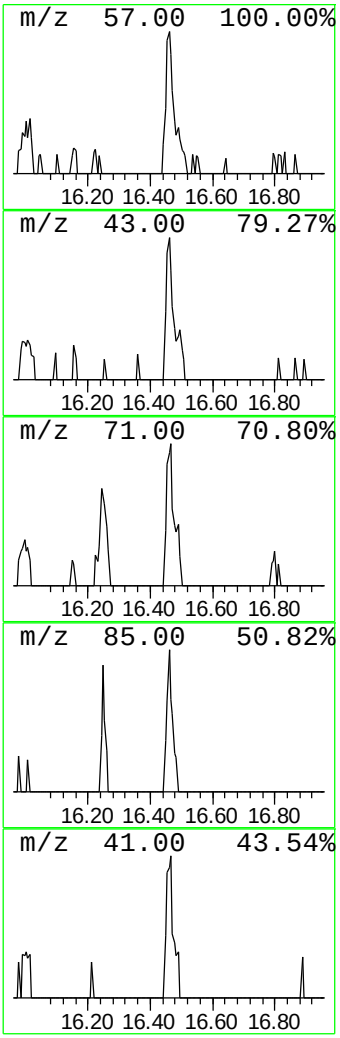
****

Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.14 ng	10475	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	59
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	45
4	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	42
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021105.D
Acq On : 27 Feb 2016 8:35
Operator : UM/SJ
Sample : H1558-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-16

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

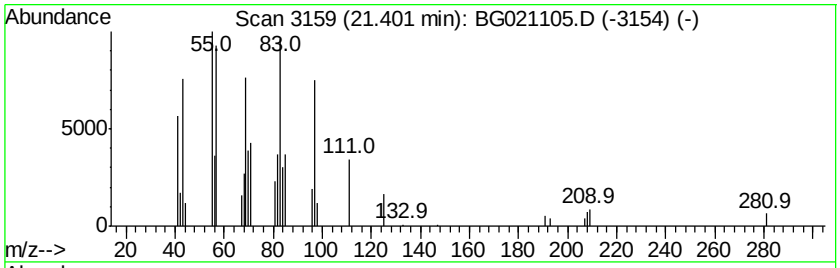
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

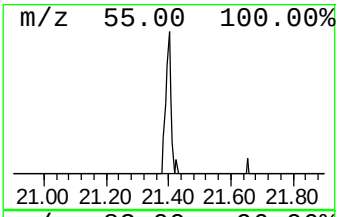
****

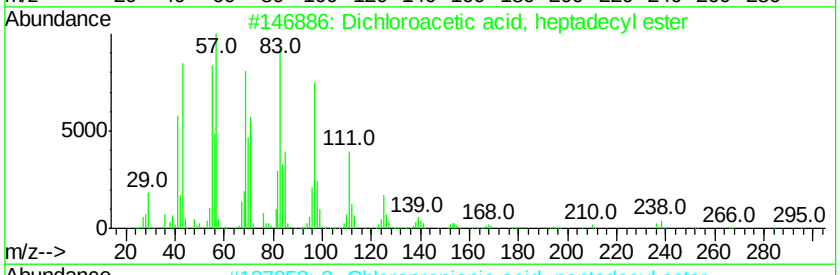
Peak Number 8 Dichloroacetic acid, heptad... Concentration Rank 7

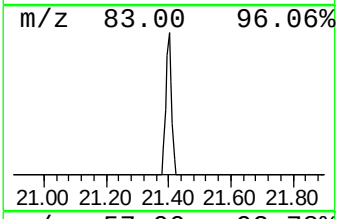
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.93 ng	19455	Chrysene-d12	21.77

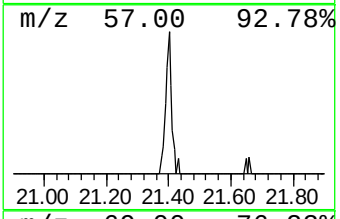
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
4	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	90
5	11-Tricosene	322	C23H46	052078-56-5	87

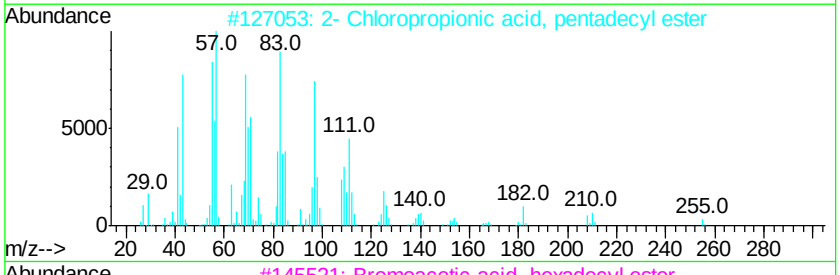


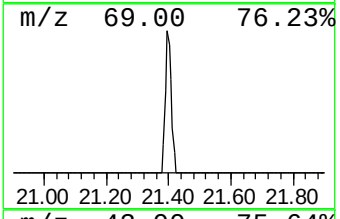


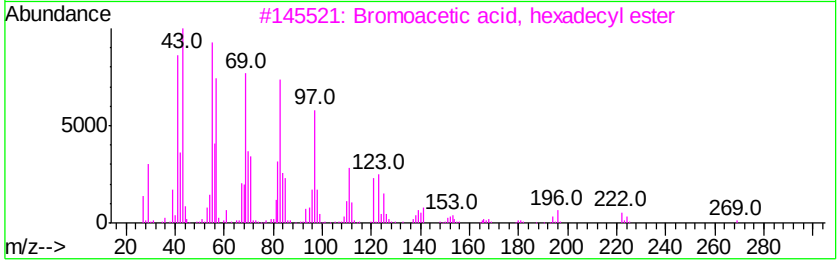


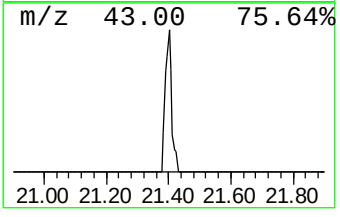












Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021105.D
Acq On : 27 Feb 2016 8:35
Operator : UM/SJ
Sample : H1558-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-16

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

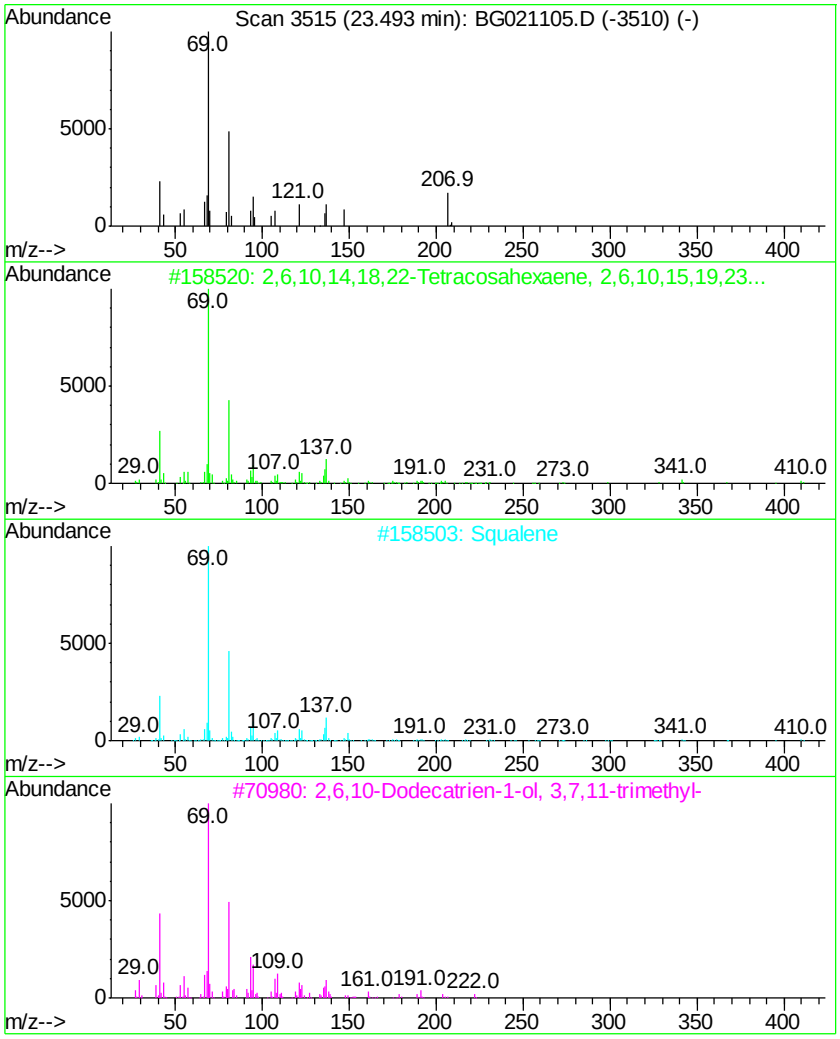
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

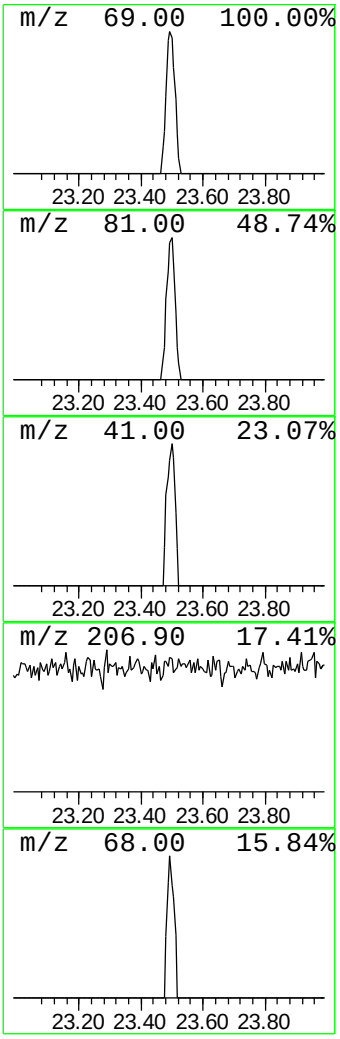
****

Peak Number 9 2,6,10,14,18,22-Tetracosahe... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.49	3.00 ng	17365	Perylene-d12	25.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
2	Squalene	410	C30H50	007683-64-9	56
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	56
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	50
5	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
Data File : BG021105.D
Acq On : 27 Feb 2016 8:35
Operator : UM/SJ
Sample : H1558-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-16

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.09	3.09	333.4	ng	548850	1	8.17	32928	20.0
2-Pentanone, 4-hy...	5.26	19.8	ng	32595	1	8.17	32928	20.0
unknown7.70	7.70	110.8	ng	182401	1	8.17	32928	20.0
Ether, hexyl pentyl	15.60	2.1	ng	7379	3	14.77	70893	20.0
Hexadecane	16.46	2.1	ng	10475	4	17.51	97807	20.0
Dichloroacetic ac...	21.40	2.9	ng	19455	5	21.77	132821	20.0
2,6,10,14,18,22-T...	23.49	3.0	ng	17365	6	25.06	115673	20.0