LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033270.D
Acq On : 20 Mar 2018 16:41
Operator : SJ/JU
Sample : J1980-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-1

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-BG031918.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	3.503	28	36	46	rBV	142865	311960	7.22%	1.618%
2	3.591	46	51	59	rVB	100419	162356	3.76%	0.842%
3	6.311	507	514	527	rBV	274240	589144	13.63%	3.056%
4	7.997	794	801	822	rBV2	157054	437317	10.12%	2.268%
5	8.403	863	870	887	rBV2	587926	1261044	29.18%	6.541%
6	8.896	945	954	968	rBV	108690	261889	6.06%	1.358%
7	9.225	1002	1010	1026	rBV	520951	1075479	24.88%	5.578%
8	10.095	1150	1158	1185	rBV	473590	1088477	25.19%	5.646%
9	11.781	1435	1445	1461	rBV	172047	400289	9.26%	2.076%
10	14.137	1839	1846	1861	rBV	1525111	2564321	59.33%	13.301%
11	14.930	1976	1981	1986	rBV2	45268	71628	1.66%	0.372%
12	15.336	2045	2050	2056	rVB	32367	45338	1.05%	0.235%
13	15.512	2073	2080	2094	rBV2	341688	634292	14.68%	3.290%
14	16.276	2205	2210	2216	rVB	51345	68117	1.58%	0.353%
15	16.981	2322	2330	2344	rBV	1411078	2399618	55.52%	12.446%
16	17.128	2351	2355	2365	rVB2	47609	88804	2.05%	0.461%
17	18.238	2538	2544	2557	rBV	474102	845956	19.57%	4.388%
18	19.037	2674	2680	2690	rBV2	204274	340121	7.87%	1.764%
19	19.513	2756	2761	2765	rVB	37645	48861	1.13%	0.253%
20	20.265	2885	2889	2895	rBV3	77754	115684	2.68%	0.600%
21	20.759	2967	2973	2985	rBV	3082026	4321808	100.00%	22.417%
22	22.110	3198	3203	3213	rBV2	180381	344208	7.96%	1.785%
23	22.598	3278	3286	3301	rVB	457640	944146	21.85%	4.897%
24	26.393	3920	3932	3950	rBV	240851	858614	19.87%	4.454%

Sum of corrected areas: 19279471

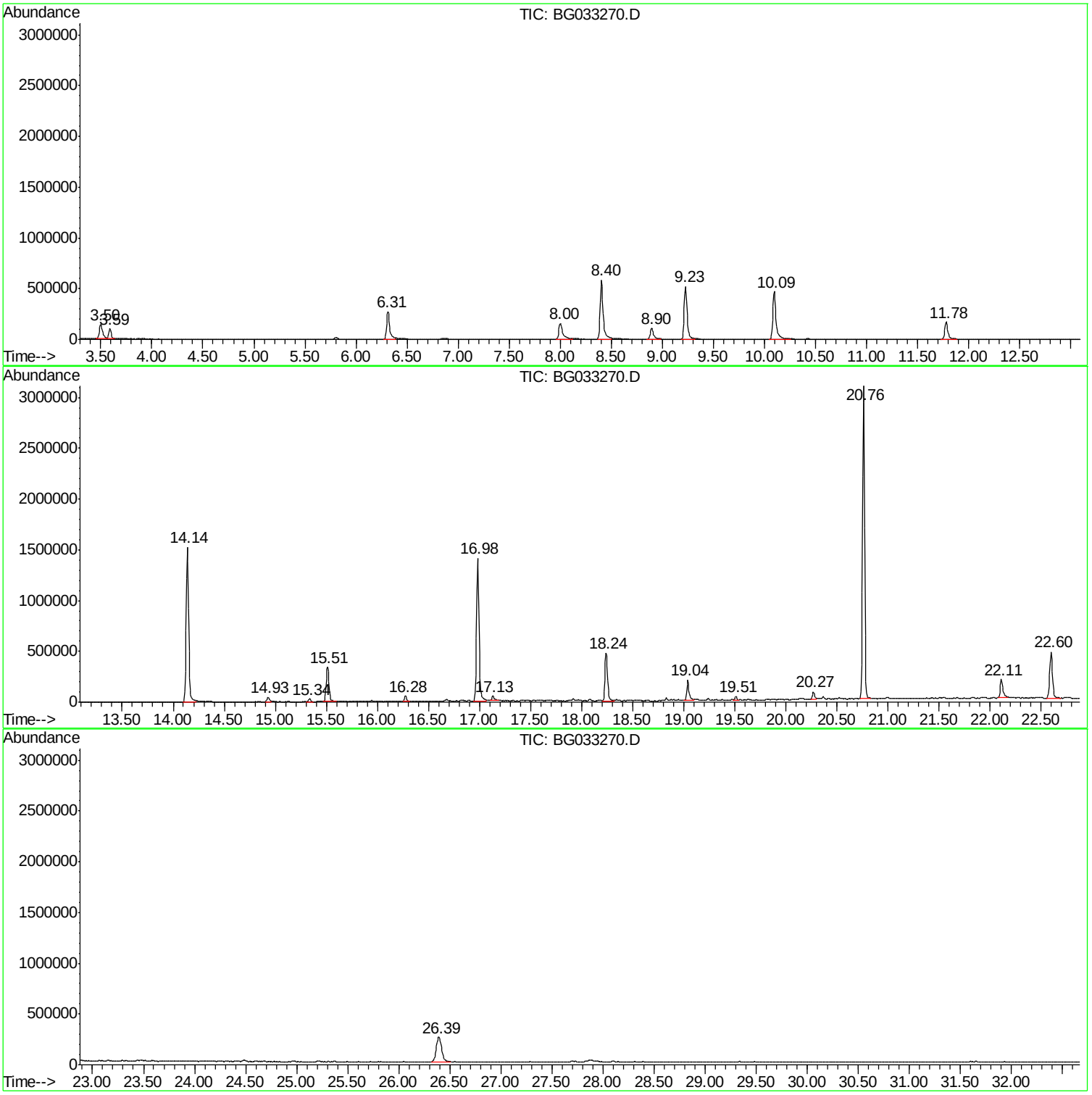
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033270.D
Acq On : 20 Mar 2018 16:41
Operator : SJ/JU
Sample : J1980-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BG033270.D
Acq On : 20 Mar 2018 16:41
Operator : SJ/JU
Sample : J1980-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

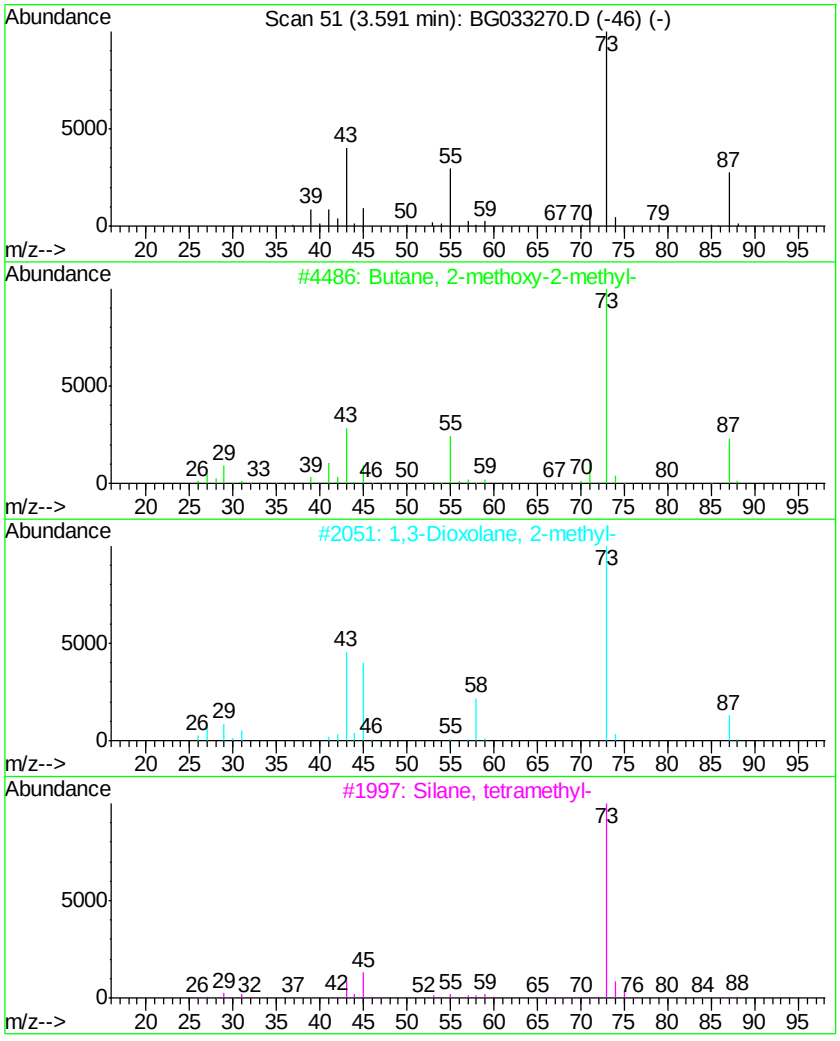
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

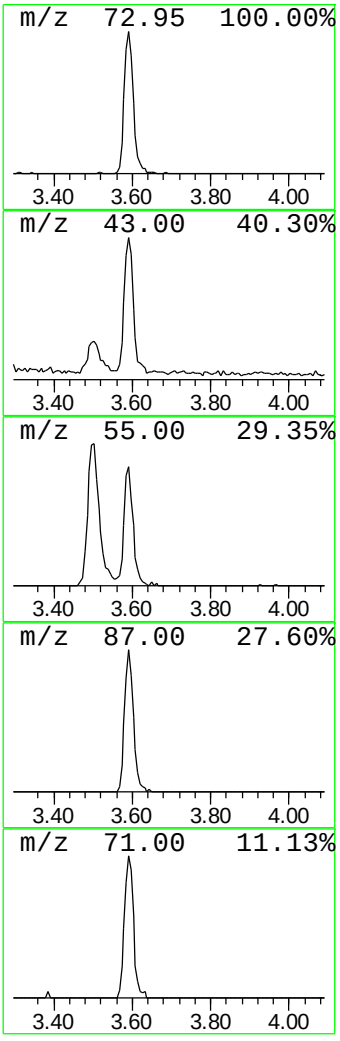
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	12.40 ng	162356	1,4-Dichlorobenzene-d4	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033270.D
Acq On : 20 Mar 2018 16:41
Operator : SJ/JU
Sample : J1980-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

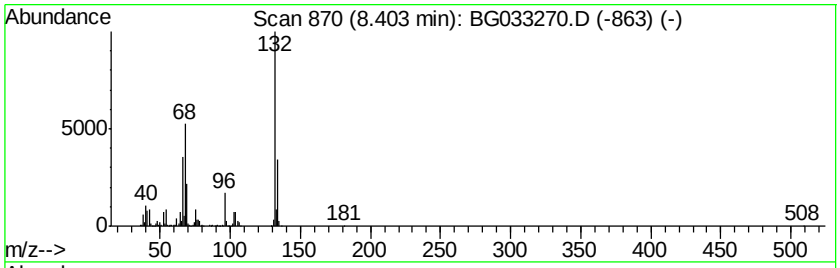
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

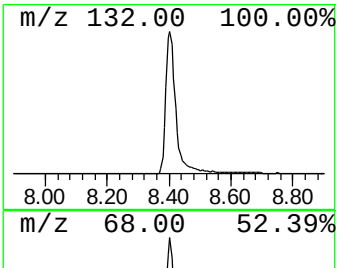
****

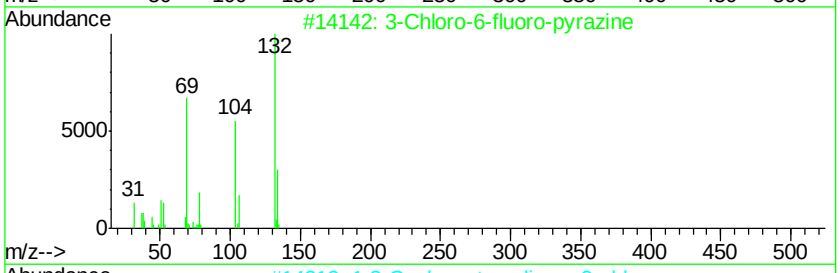
Peak Number 3 unknown8.40 Concentration Rank 1

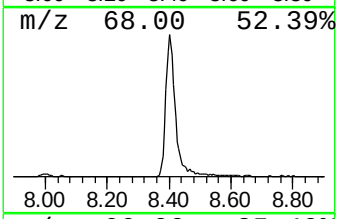
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	96.30 ng	1261040	1,4-Dichlorobenzene-d4	8.89

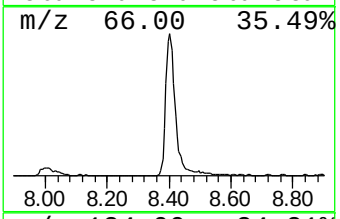
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10

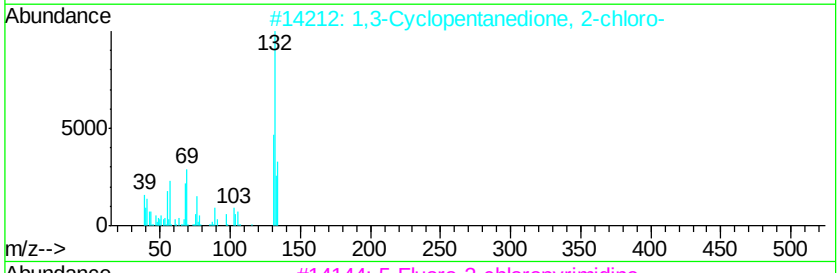


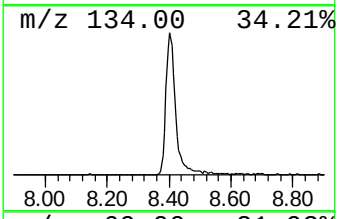


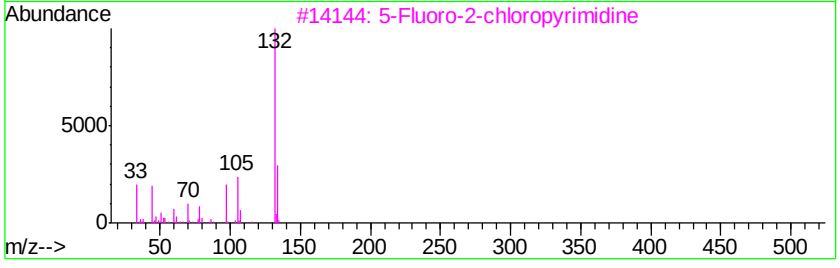


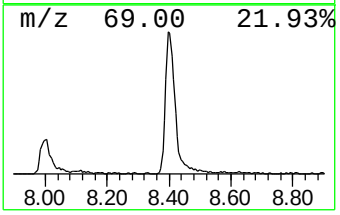












Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033270.D
Acq On : 20 Mar 2018 16:41
Operator : SJ/JU
Sample : J1980-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

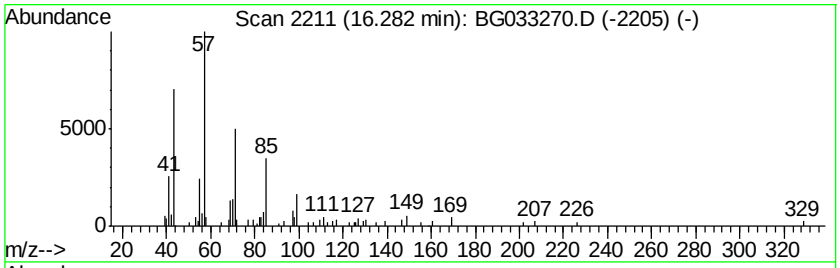
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

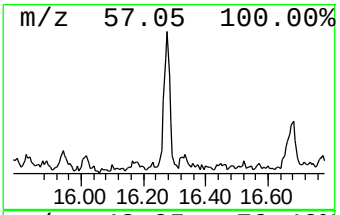
****

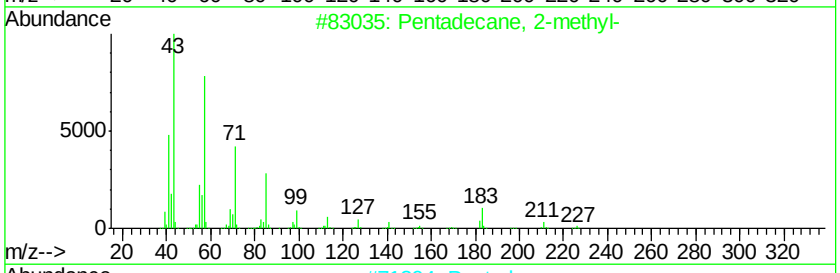
Peak Number 5 Pentadecane, 2-methyl- Concentration Rank 8

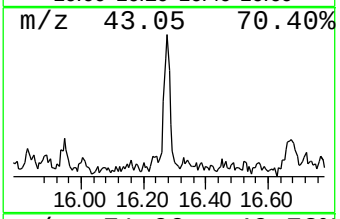
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	2.15 ng	68117	Acenaphthene-d10	15.51

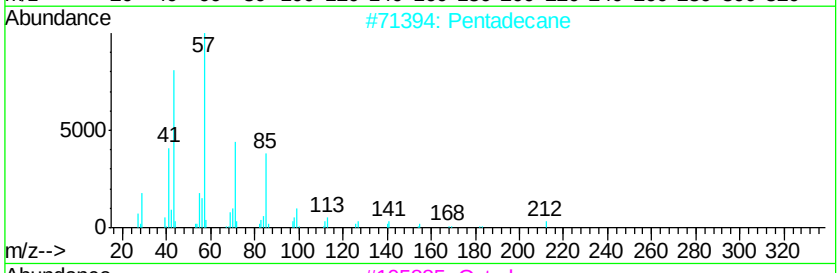
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	74
2	Pentadecane	212	C15H32	000629-62-9	72
3	Octadecane	254	C18H38	000593-45-3	72
4	Heptadecane	240	C17H36	000629-78-7	72
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	70

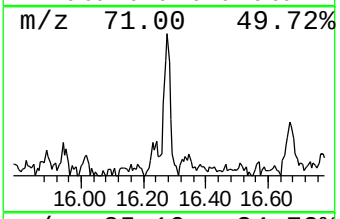


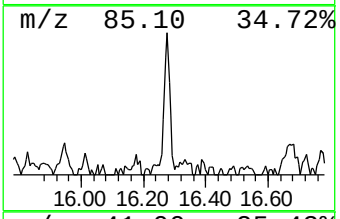


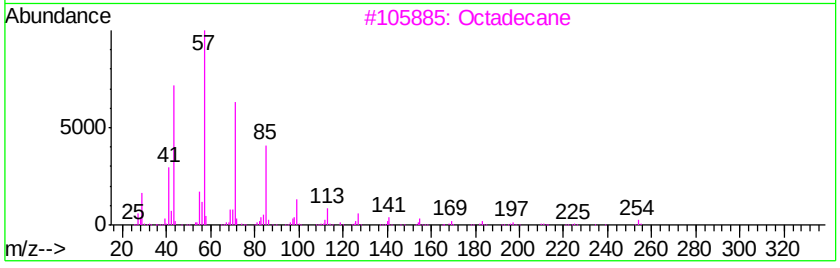


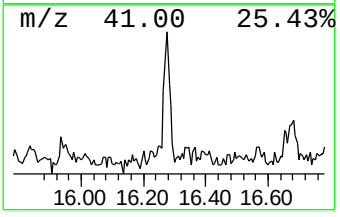












Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033270.D
Acq On : 20 Mar 2018 16:41
Operator : SJ/JU
Sample : J1980-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

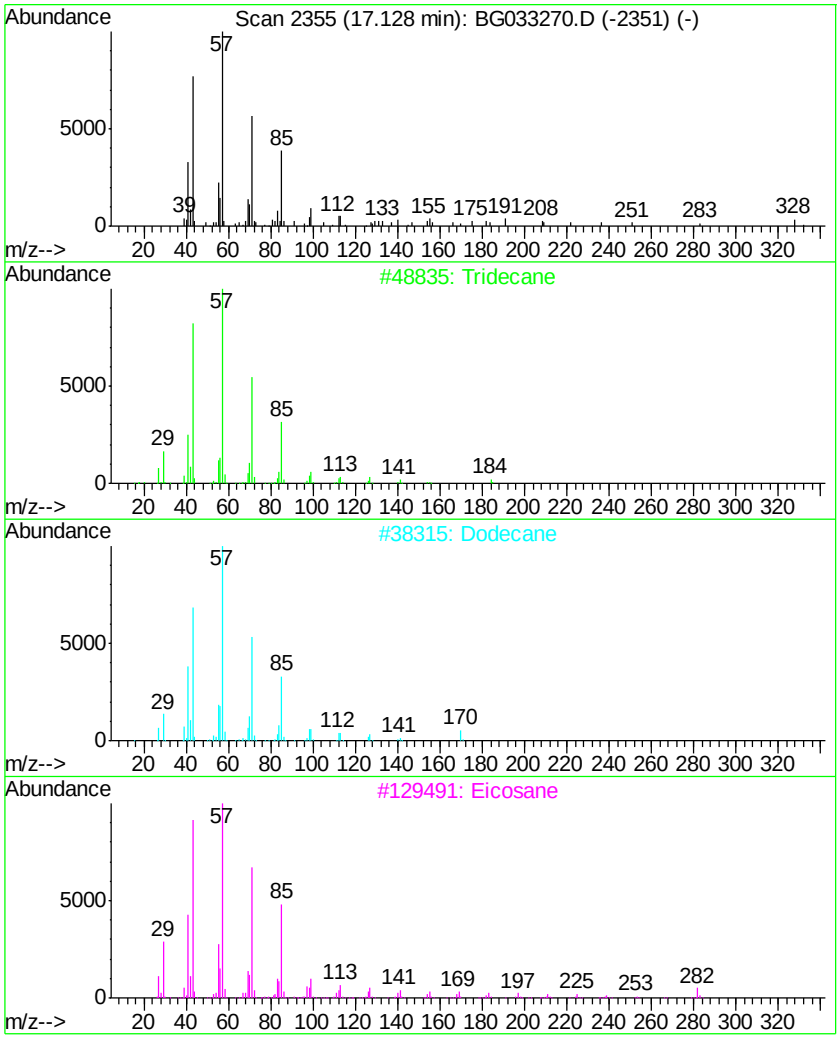
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

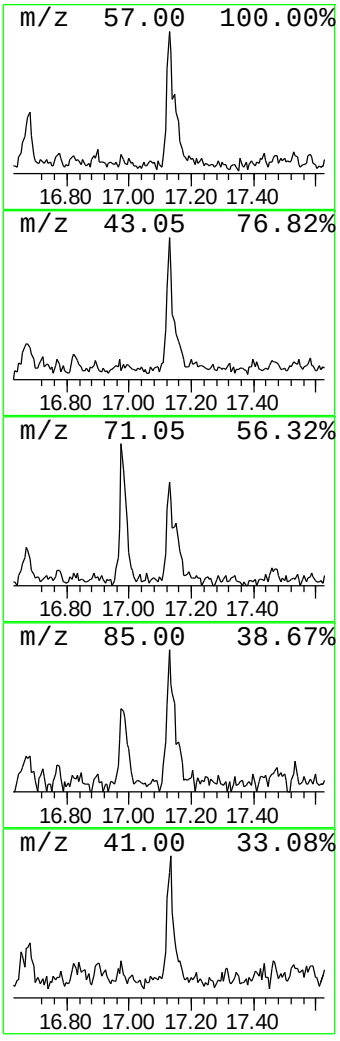
****

Peak Number 6 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	2.10 ng	88804	Phenanthrene-d10	18.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Dodecane	170	C12H26	000112-40-3	87
3	Eicosane	282	C20H42	000112-95-8	83
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
5	Pentadecane	212	C15H32	000629-62-9	80





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Sample : J1980-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

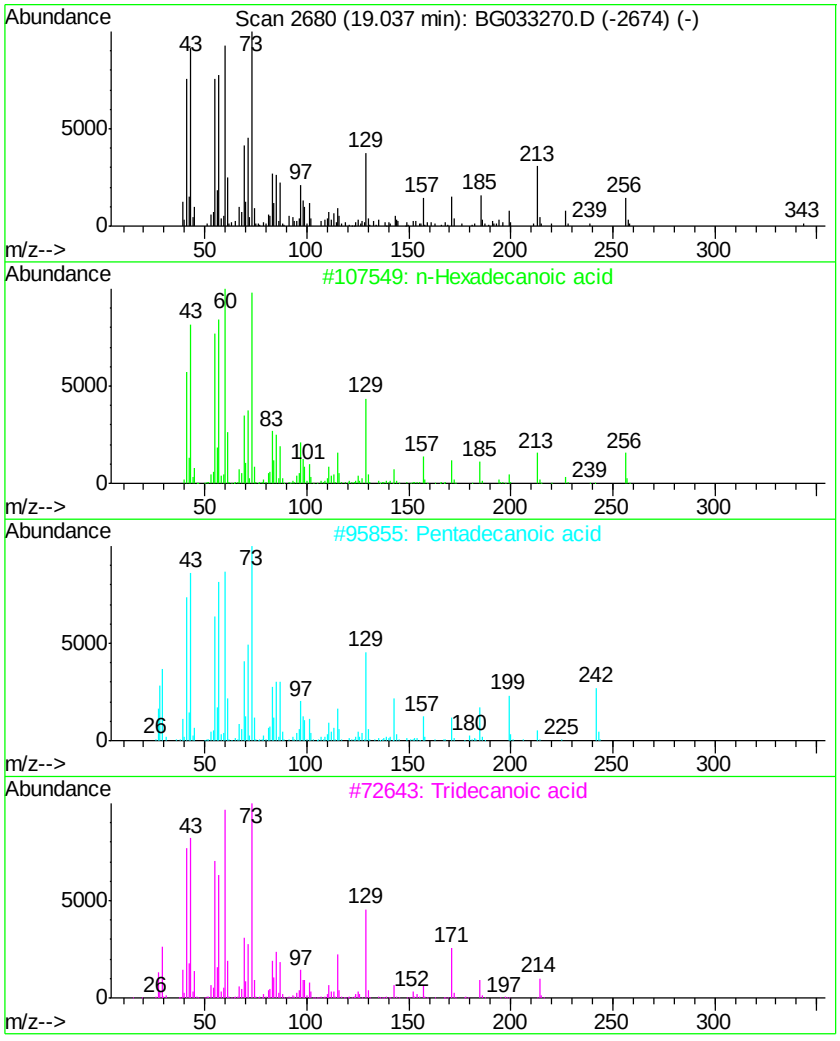
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

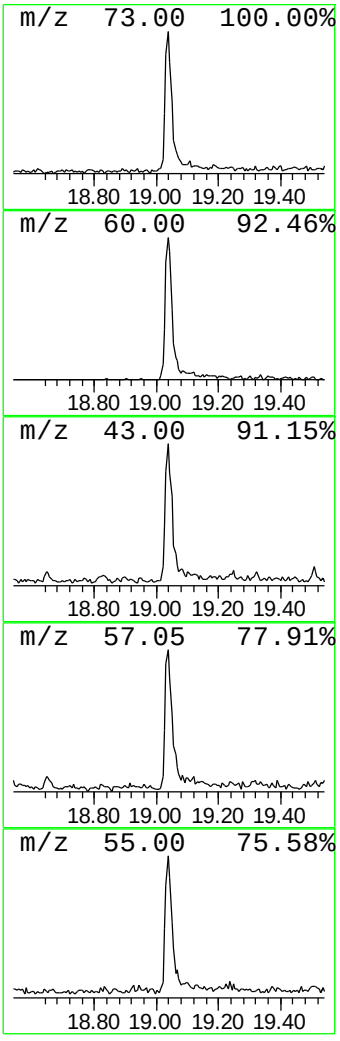
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	8.04 ng	340121	Phenanthrene-d10	18.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Octadecanoic acid	284	C18H36O2	000057-11-4	53





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Sample : J1980-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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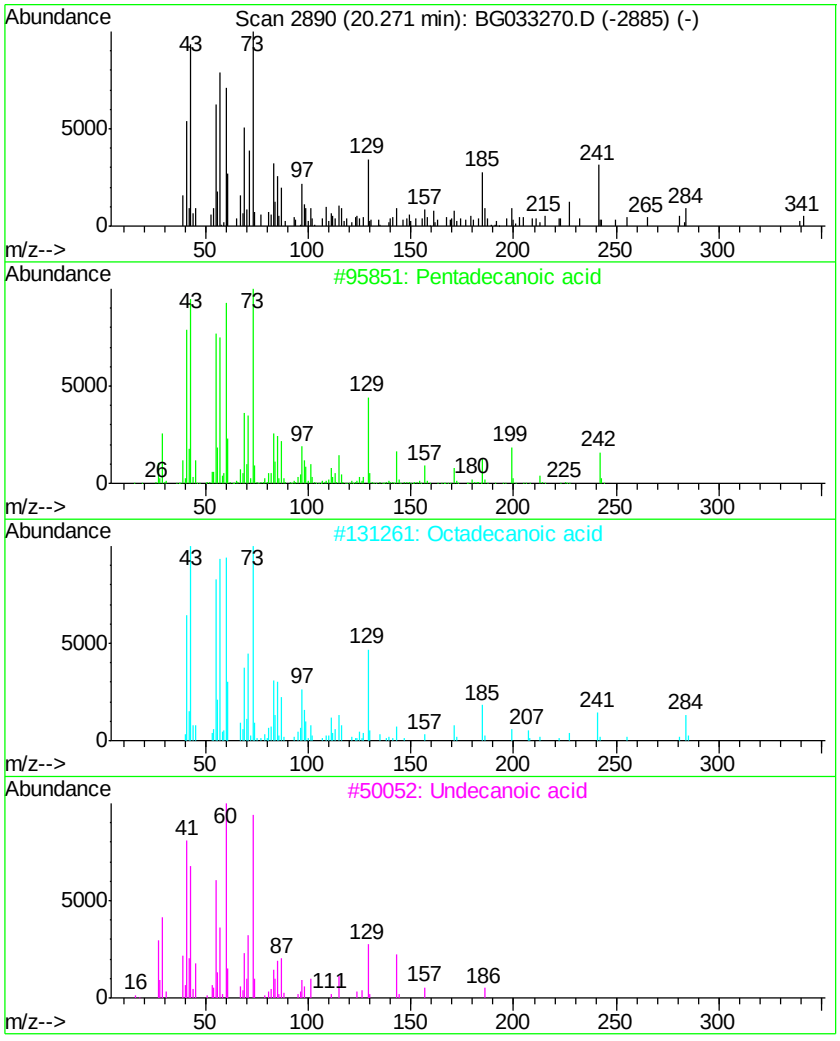
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

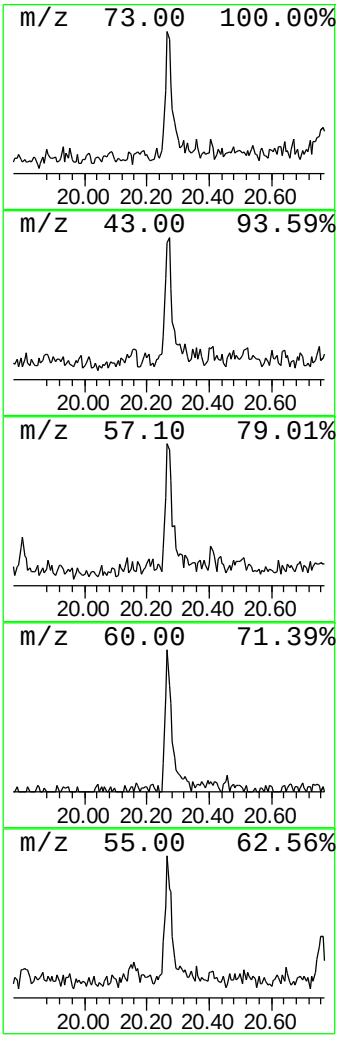
****

Peak Number 8 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.73 ng	115684	Phenanthrene-d10	18.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Undecanoic acid	186	C11H22O2	000112-37-8	78
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	49





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Data File : BG033270.D
Acq On : 20 Mar 2018 16:41
Operator : SJ/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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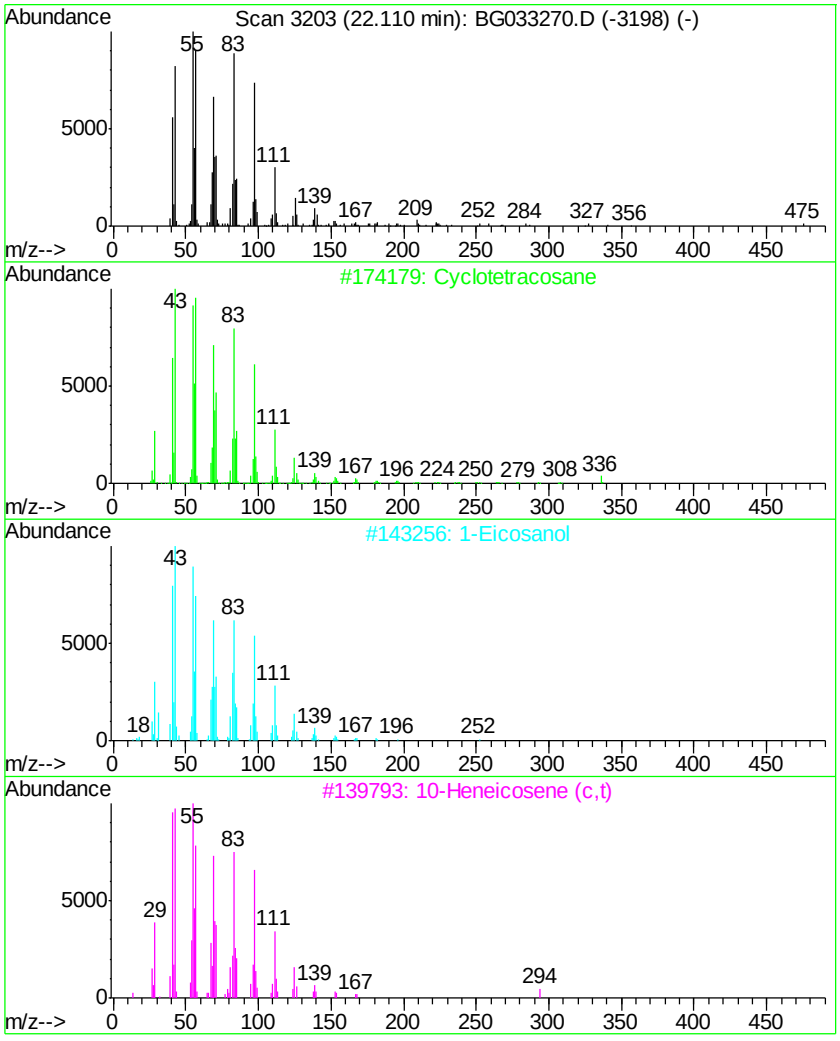
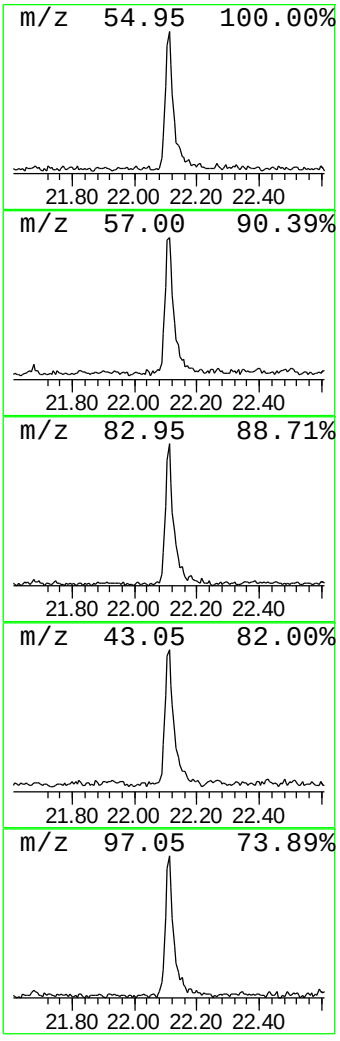
****

Peak Number 9 Cyclotetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	7.29 ng	344208	Chrysene-d12	22.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	1-Eicosanol	298	C20H42O	000629-96-9	91
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	91
4	1-Docosene	308	C22H44	001599-67-3	90
5	Cetene	224	C16H32	000629-73-2	86





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032018\
Data File : BG033270.D
Acq On : 20 Mar 2018 16:41
Operator : SJ/JU
Sample : J1980-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.59	12.4	ng	162356	1	8.89	261889	20.0
unknown8.40	8.40	96.3	ng	1261040	1	8.89	261889	20.0
Pentadecane, 2-me...	16.28	2.1	ng	68117	3	15.51	634292	20.0
Tridecane	17.13	2.1	ng	88804	4	18.24	845956	20.0
n-Hexadecanoic acid	19.04	8.0	ng	340121	4	18.24	845956	20.0
Pentadecanoic acid	20.27	2.7	ng	115684	4	18.24	845956	20.0
Cyclotetracosane	22.11	7.3	ng	344208	5	22.60	944146	20.0