LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016873.D
Acq On : 5 May 2015 19:41
Operator : TP/IZ
Sample : G2117-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-035

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	2.788	13	17	35	rVB	5164285	6726280	100.00%	16.233%
2	2.929	35	41	51	rVV	3589080	6605305	98.20%	15.941%
3	3.005	51	54	59	rVB	239561	313675	4.66%	0.757%
4	4.926	375	381	390	rVB	184926	266321	3.96%	0.643%
5	5.385	452	459	469	rBV	1361136	1931389	28.71%	4.661%
6	6.971	721	729	738	rBV	1414929	2293339	34.10%	5.535%
7	7.335	784	791	801	rBV	1334933	2104936	31.29%	5.080%
8	7.805	864	871	878	rBV	308326	497633	7.40%	1.201%
9	8.123	918	925	932	rBV	887424	1428185	21.23%	3.447%
10	8.963	1058	1068	1076	rBV	820172	1322862	19.67%	3.193%
11	10.596	1340	1346	1354	rVB	418208	706346	10.50%	1.705%
12	11.912	1563	1570	1577	rBV	92379	147227	2.19%	0.355%
13	13.070	1760	1767	1773	rBV	1963874	2974757	44.23%	7.179%
14	13.898	1902	1908	1915	rBV	133570	193023	2.87%	0.466%
15	14.445	1995	2001	2008	rVB2	677088	1006422	14.96%	2.429%
16	15.802	2225	2232	2238	rBV	427777	568511	8.45%	1.372%
17	15.931	2246	2254	2265	rBV	1721847	2507134	37.27%	6.051%
18	17.189	2462	2468	2475	rBV	934636	1296168	19.27%	3.128%
19	18.087	2615	2621	2630	rBV2	179335	281992	4.19%	0.681%
20	19.368	2835	2839	2843	rBV3	92595	114794	1.71%	0.277%
21	19.815	2909	2915	2922	rBV	3759860	4816925	71.61%	11.625%
22	21.084	3127	3131	3137	rBV	368441	435706	6.48%	1.052%
23	21.366	3173	3179	3185	rBV	1233842	1478969	21.99%	3.569%
24	23.669	3564	3571	3583	rVB2	732712	1417520	21.07%	3.421%

Sum of corrected areas: 41435419

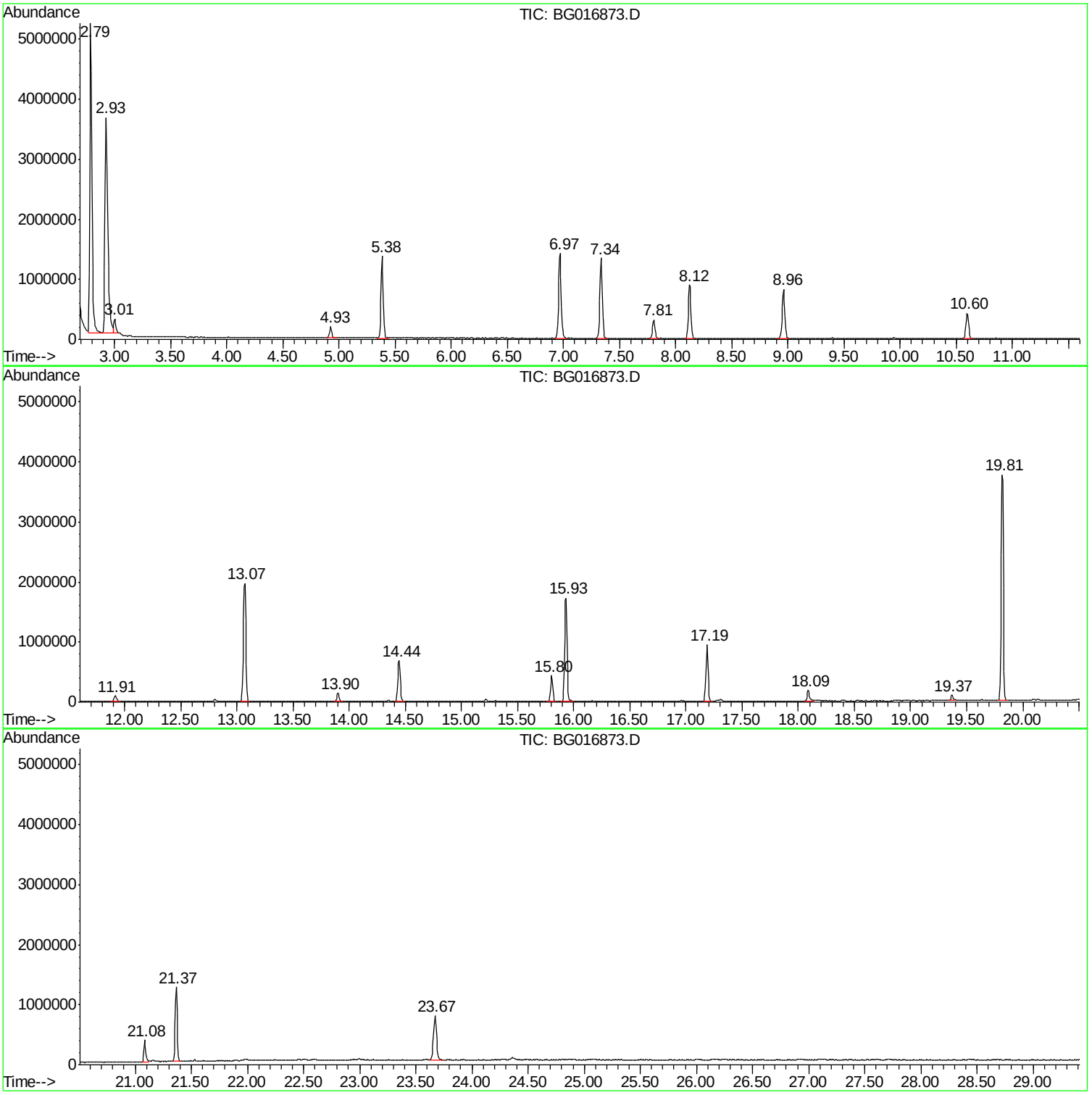
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016873.D
Acq On : 5 May 2015 19:41
Operator : TP/IZ
Sample : G2117-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-035

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016873.D
Acq On : 5 May 2015 19:41
Operator : TP/IZ
Sample : G2117-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-035

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

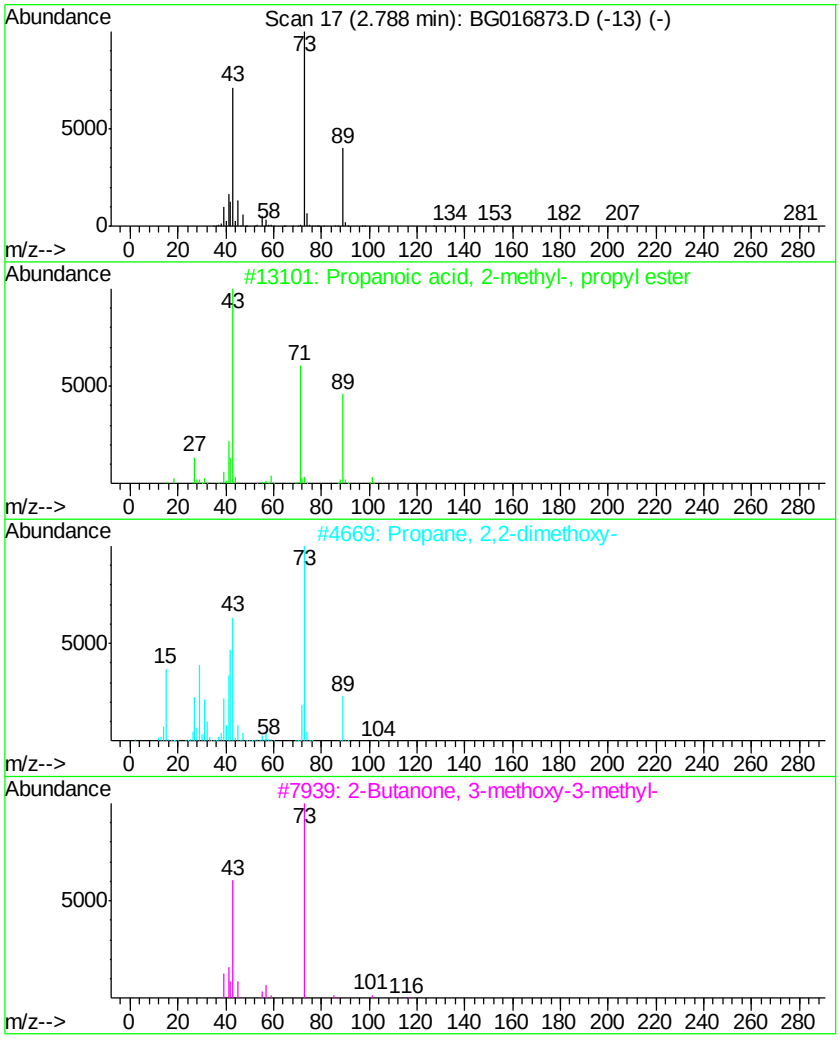
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

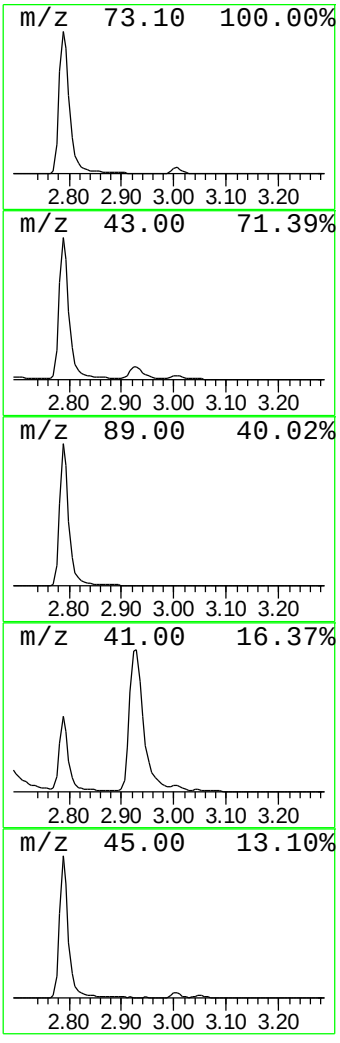
****

Peak Number 1 unknown2.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	270.33 ng	6726280	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	38
2	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	28
3	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	12
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016873.D
Acq On : 5 May 2015 19:41
Operator : TP/IZ
Sample : G2117-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-035

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

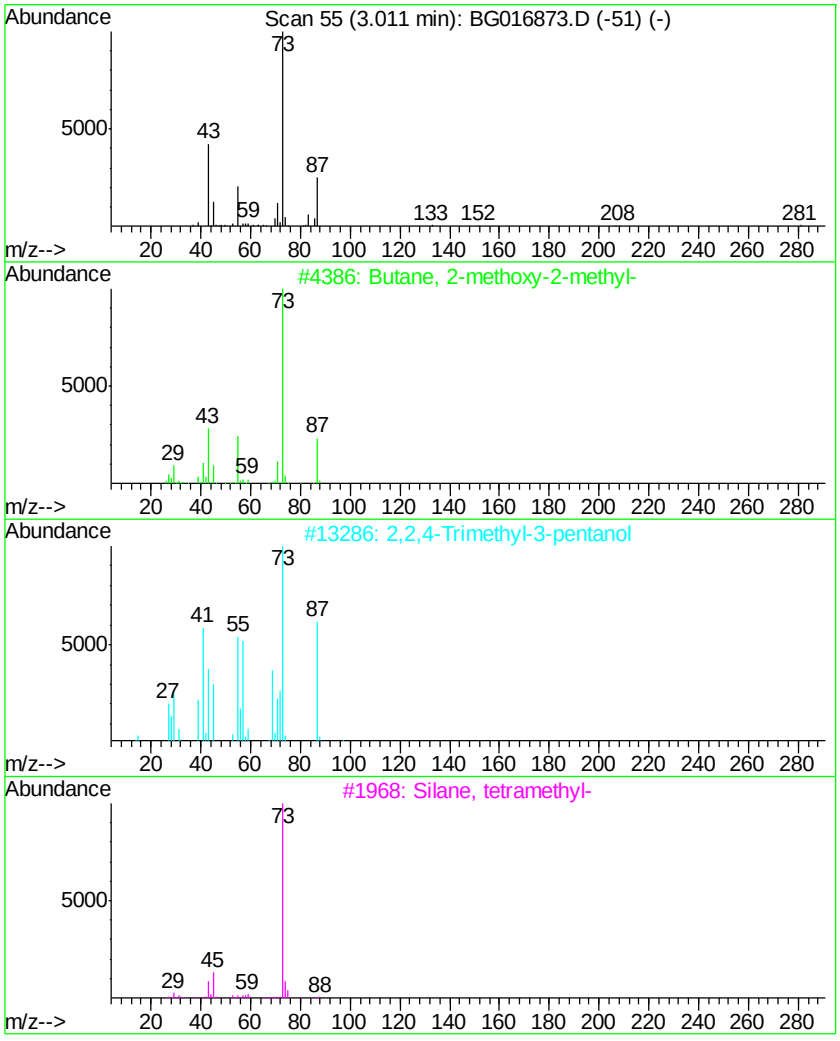
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

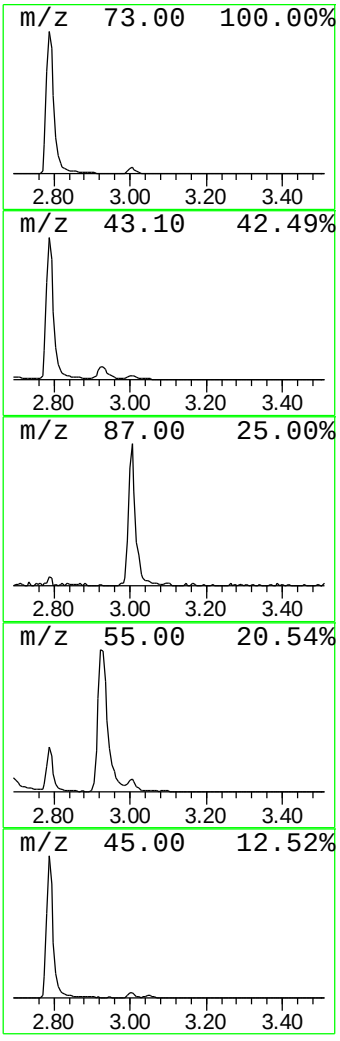
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	12.61 ng	313675	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016873.D
Acq On : 5 May 2015 19:41
Operator : TP/IZ
Sample : G2117-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-035

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

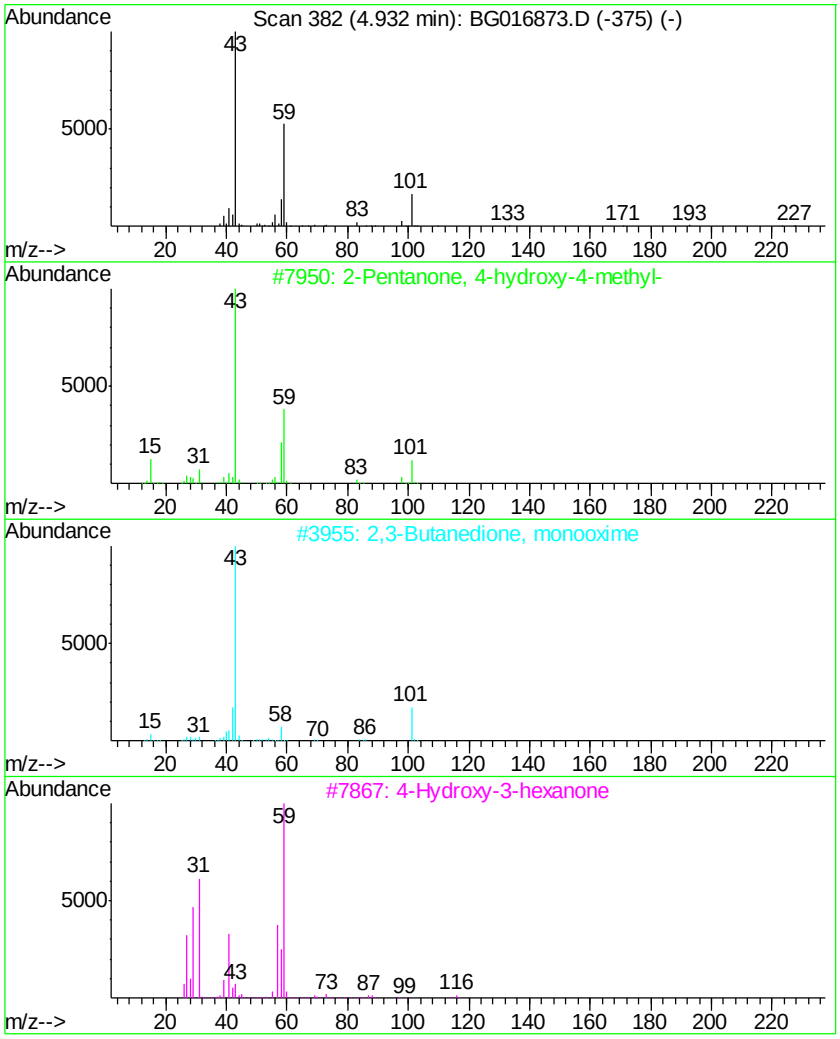
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

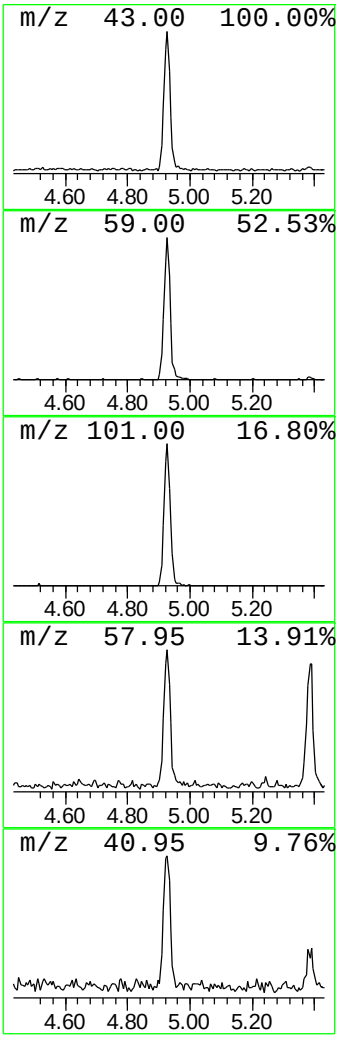
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	10.70 ng	266321	1,4-Dichlorobenzene-d4	7.81

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	30
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	28
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016873.D
Acq On : 5 May 2015 19:41
Operator : TP/IZ
Sample : G2117-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-035

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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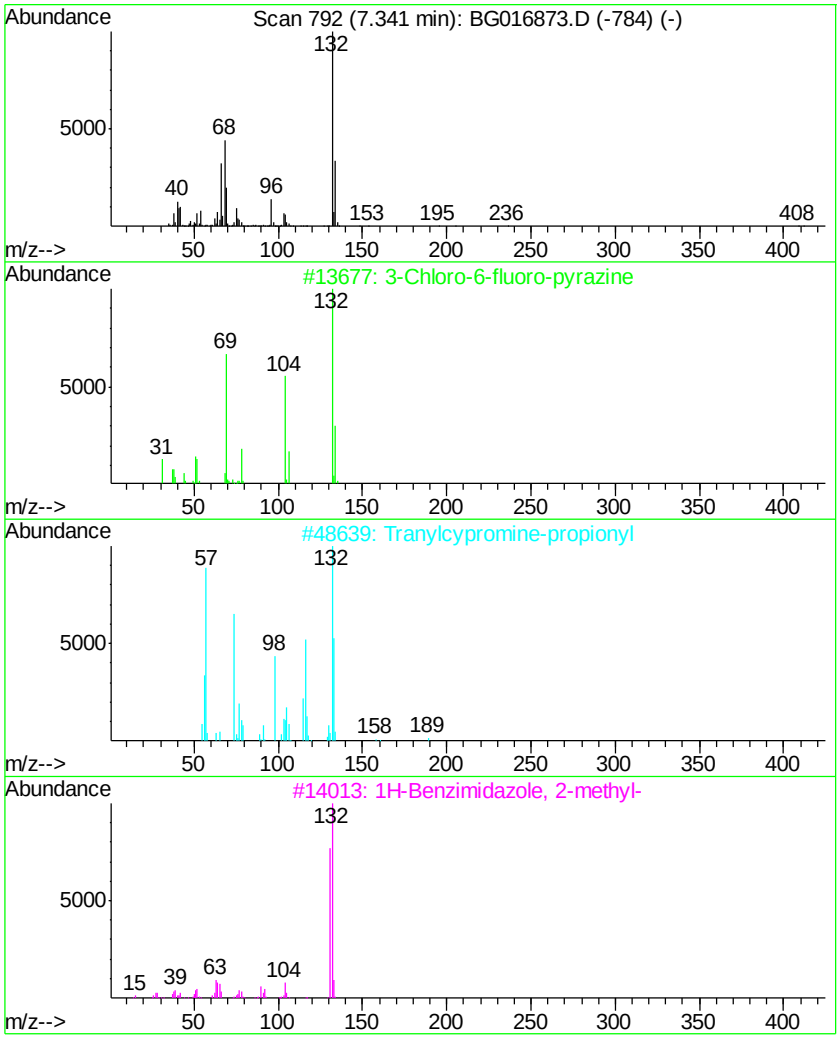
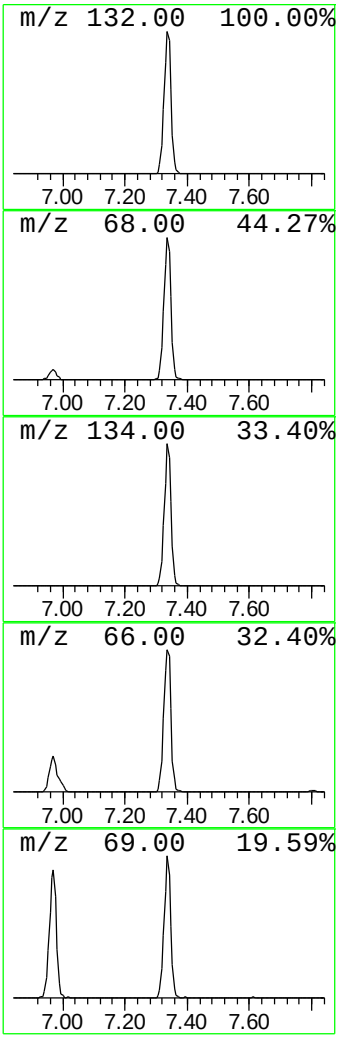
Peak Number 5 unknown7.34 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	84.60 ng	2104940	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016873.D
Acq On : 5 May 2015 19:41
Operator : TP/IZ
Sample : G2117-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-035

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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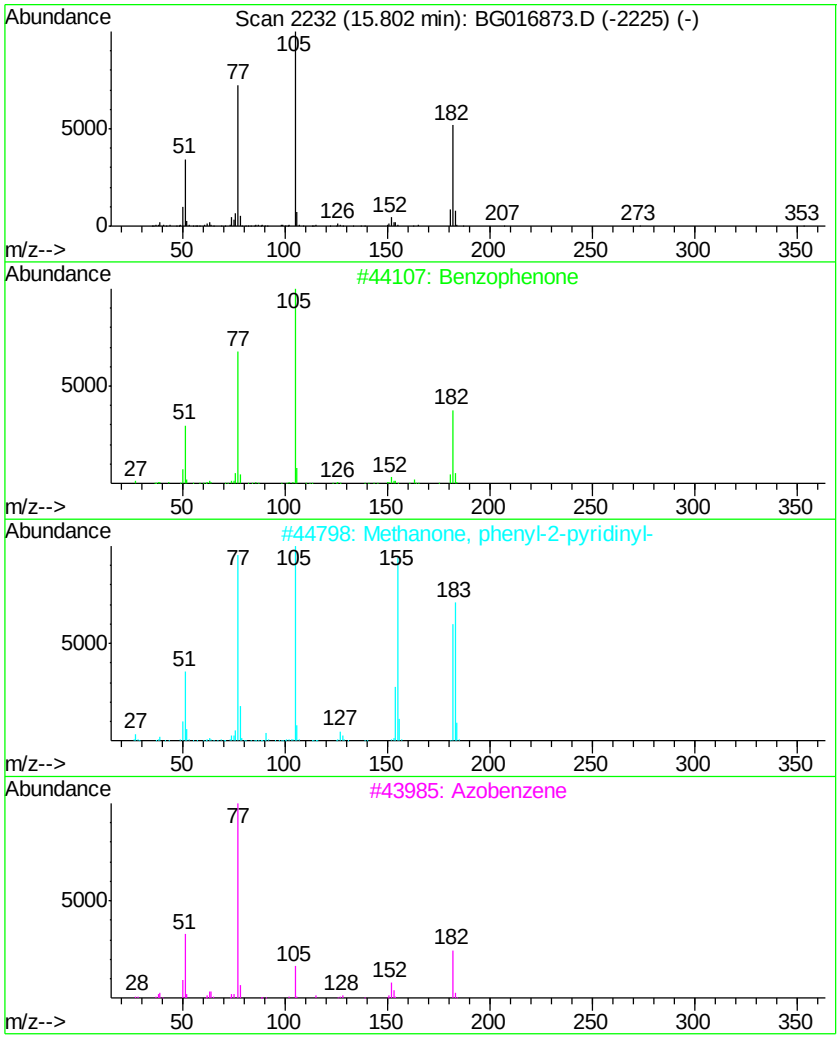
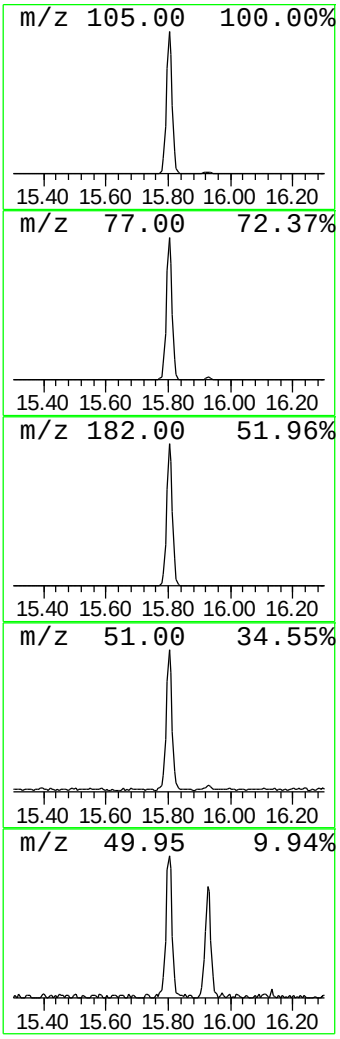
Peak Number 8 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	11.30 ng	568511	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	78
3	Azobenzene	182	C12H10N2	000103-33-3	64
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	50
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016873.D
Acq On : 5 May 2015 19:41
Operator : TP/IZ
Sample : G2117-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-035

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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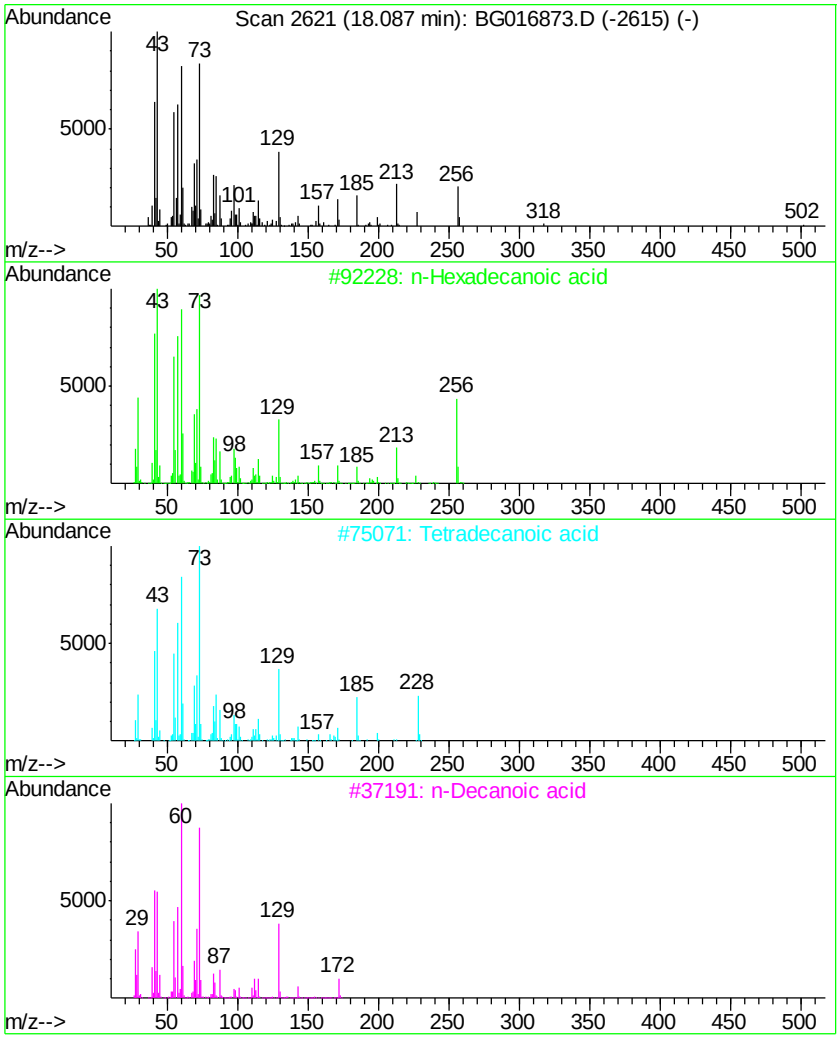
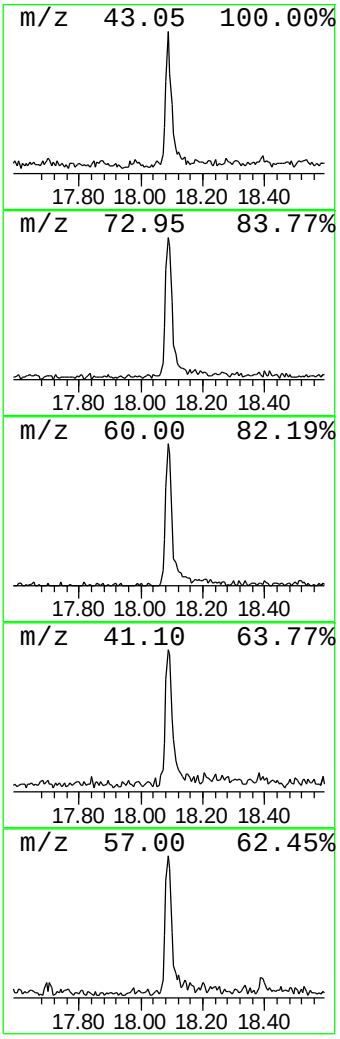
Peak Number 9 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.35 ng	281992	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016873.D
Acq On : 5 May 2015 19:41
Operator : TP/IZ
Sample : G2117-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-035

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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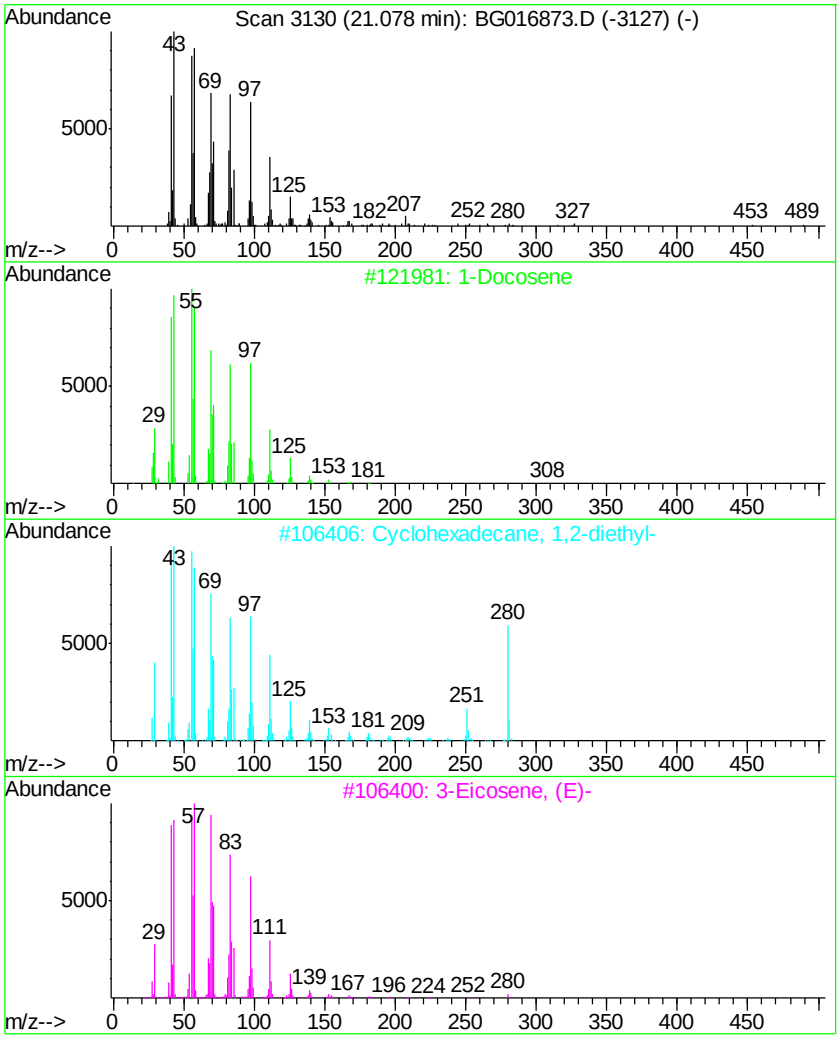
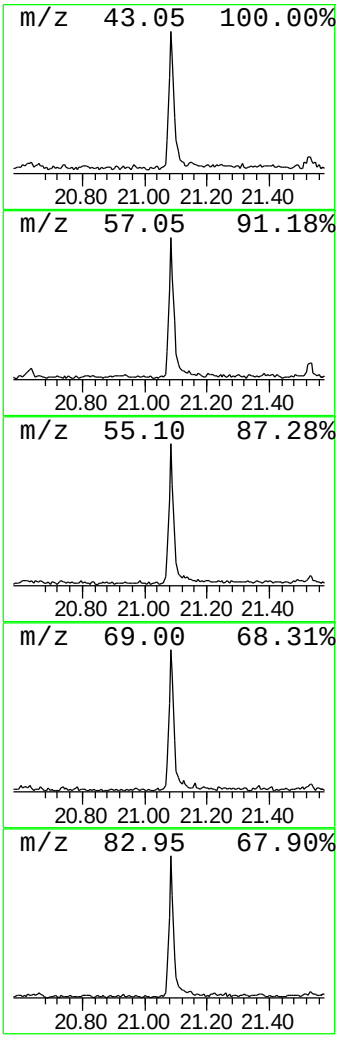
Peak Number 10 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	5.89 ng	435706	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	99
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
5	Cycloeicosane	280	C20H40	000296-56-0	98





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
Data File : BG016873.D
Acq On : 5 May 2015 19:41
Operator : TP/IZ
Sample : G2117-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-035

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
unknown2.79	2.79	270.3	ng	6726280	1	7.81	497633	20.0
Butane, 2-methoxy...	3.01	12.6	ng	313675	1	7.81	497633	20.0
2-Pentanone, 4-hy...	4.93	10.7	ng	266321	1	7.81	497633	20.0
unknown7.34	7.34	84.6	ng	2104940	1	7.81	497633	20.0
Benzophenone	15.80	11.3	ng	568511	3	14.44	1006420	20.0
n-Hexadecanoic acid	18.09	4.3	ng	281992	4	17.19	1296170	20.0
1-Docosene	21.08	5.9	ng	435706	5	21.37	1478970	20.0