LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038806.D
Acq On : 22 Dec 2018 3:58
Operator : JU/SJ
Sample : J6492-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP.BLANK

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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	3.185	12	16	21	rVB2	28680	41173	1.62%	0.370%
2	3.243	21	26	36	rVB	64491	102348	4.02%	0.919%
3	3.355	40	45	54	rVB	33015	50944	2.00%	0.457%
4	4.724	273	278	285	rVB	143965	235205	9.24%	2.112%
5	5.141	344	349	359	rBV3	23598	44012	1.73%	0.395%
6	5.611	422	429	439	rBV	210823	351126	13.79%	3.152%
7	7.215	693	702	713	rBV	104510	197436	7.75%	1.772%
8	7.591	756	766	774	rBV	481972	872576	34.26%	7.833%
9	8.061	839	846	854	rBV	85164	148847	5.84%	1.336%
10	8.379	890	900	909	rBV	397878	729273	28.64%	6.547%
11	9.236	1038	1046	1059	rBV	344554	645309	25.34%	5.793%
12	10.752	1295	1304	1318	rBV	47166	104872	4.12%	0.941%
13	10.876	1318	1325	1334	rVB	119892	220601	8.66%	1.980%
14	13.314	1733	1740	1753	rBV	1032209	1671992	65.65%	15.010%
15	14.695	1968	1975	1986	rVB3	204301	339007	13.31%	3.043%
16	16.187	2222	2229	2239	rBV3	781723	1242075	48.77%	11.151%
17	17.444	2435	2443	2453	rBV2	249736	401738	15.77%	3.607%
18	19.154	2729	2734	2742	rBV4	16491	30209	1.19%	0.271%
19	20.047	2880	2886	2898	rBV	1861053	2546711	100.00%	22.863%
20	21.728	3165	3172	3181	rVB	265733	444813	17.47%	3.993%
21	22.474	3292	3299	3307	rVB2	19834	36241	1.42%	0.325%
22	23.179	3413	3419	3427	rVB	31963	59393	2.33%	0.533%
23	23.990	3550	3557	3567	rBV3	34778	78939	3.10%	0.709%
24	24.953	3713	3721	3726	rBV4	30876	79908	3.14%	0.717%
25	25.036	3726	3735	3746	rVB	134071	388298	15.25%	3.486%
26	26.093	3908	3915	3928	rVB4	22739	76111	2.99%	0.683%

Sum of corrected areas: 11139157

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
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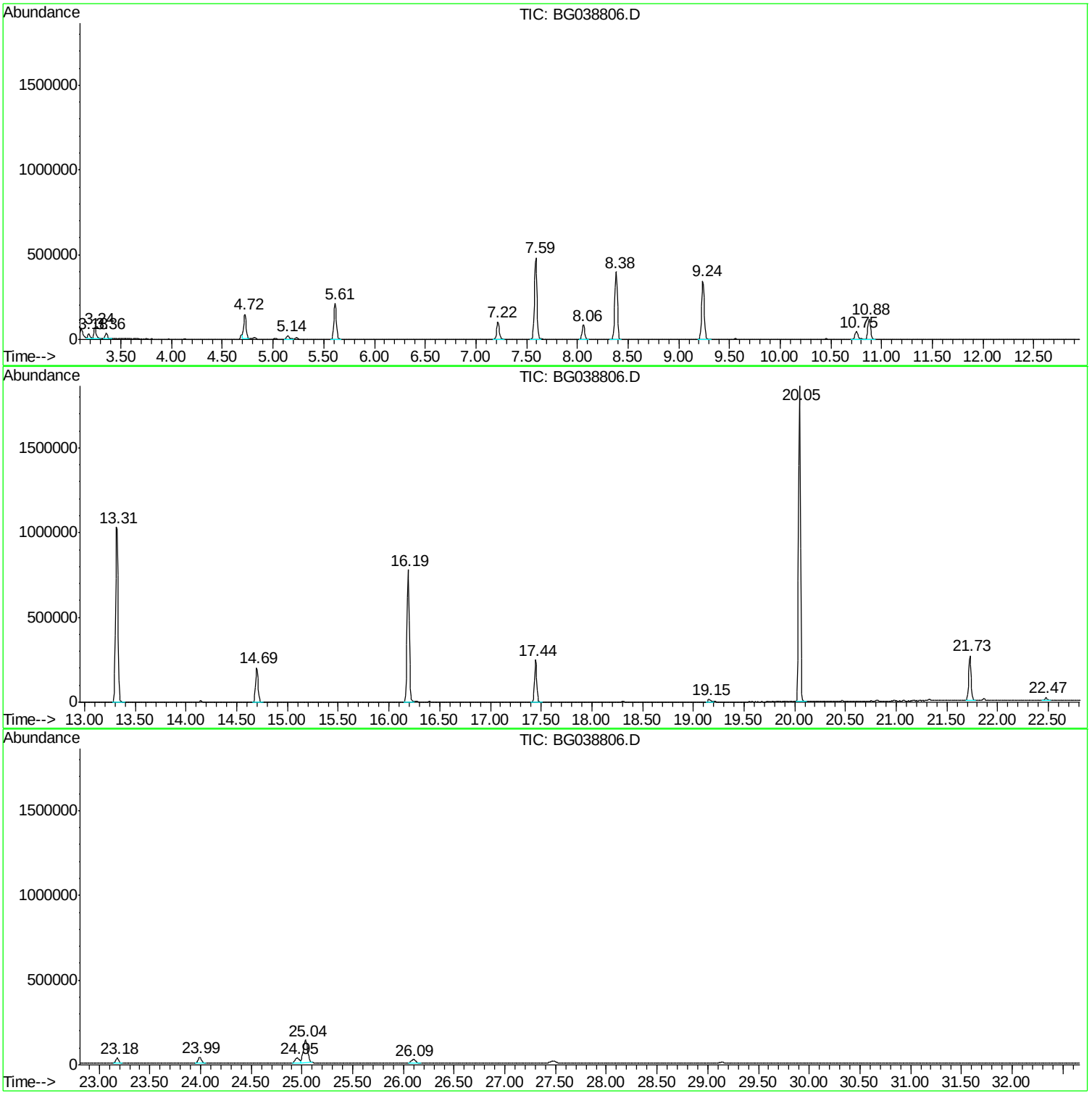
Sample : J6492-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
QNWP8-EQUIP.BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038806.D
Acq On : 22 Dec 2018 3:58
Operator : JU/SJ
Sample : J6492-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP.BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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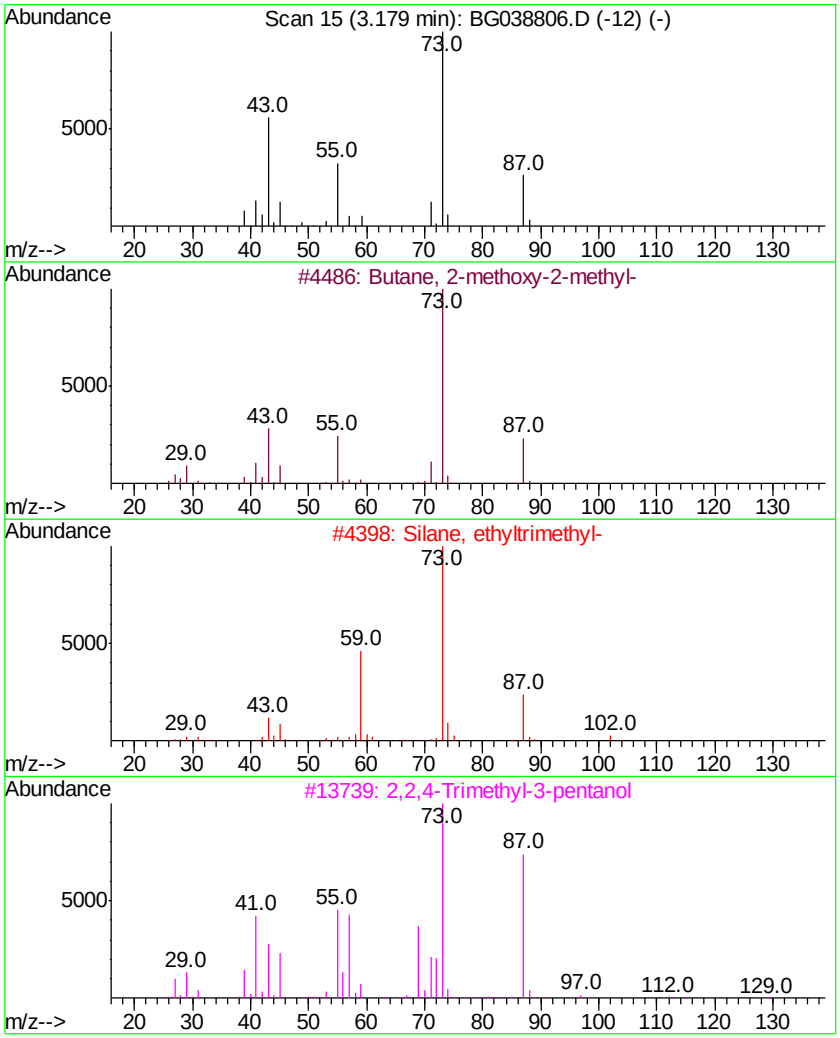
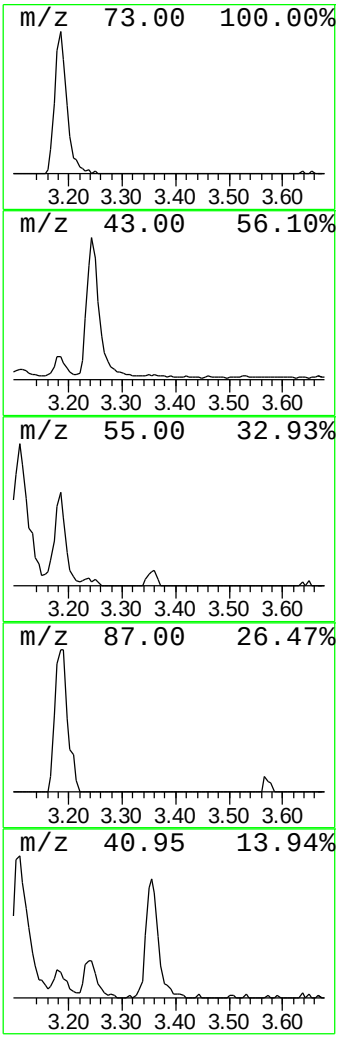
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	5.53 ng	41173	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	39
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
5	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038806.D
Acq On : 22 Dec 2018 3:58
Operator : JU/SJ
Sample : J6492-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP.BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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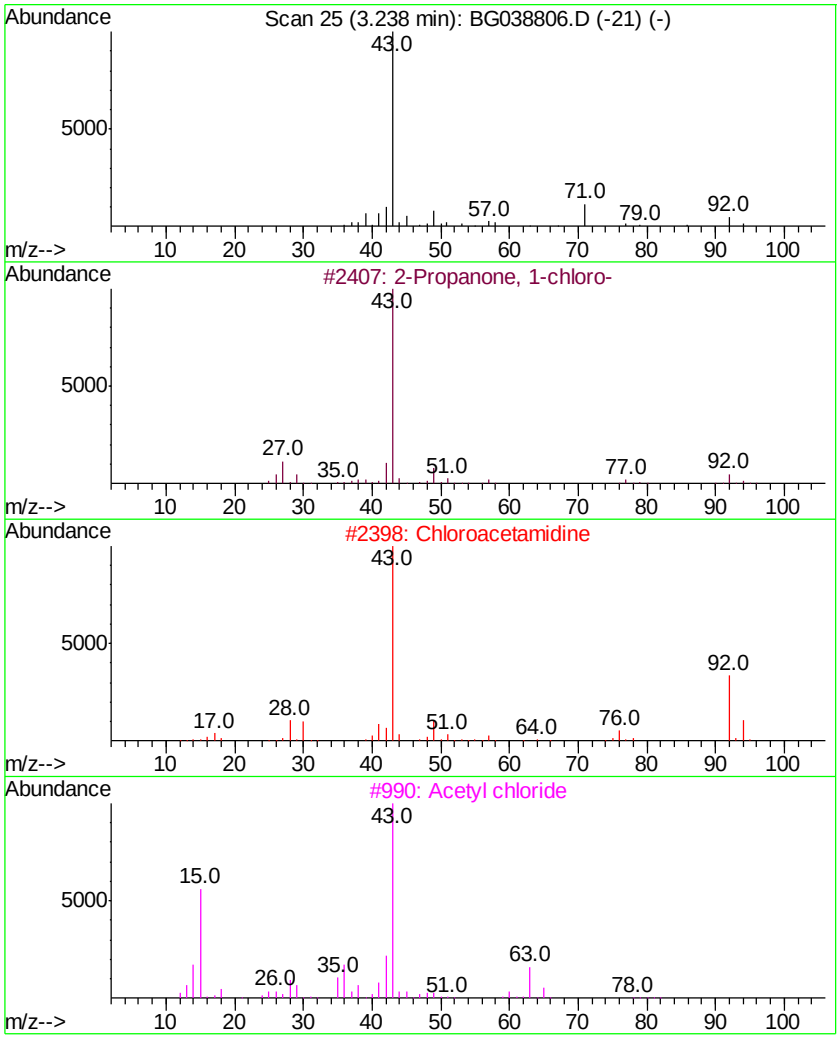
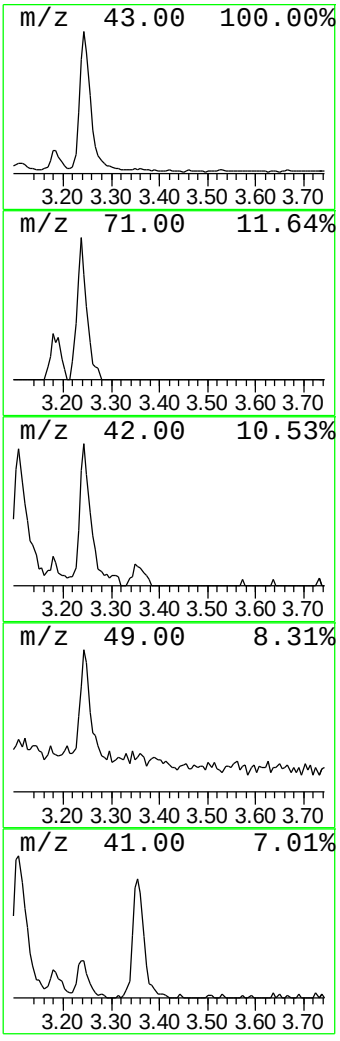
Peak Number 2 2-Propanone, 1-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	13.75 ng	102348	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-chloro-	92	C3H5ClO	000078-95-5	87
2	Chloroacetamidine	92	C2H5ClN2	020846-52-0	59
3	Acetyl chloride	78	C2H3ClO	000075-36-5	9
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	5
5	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	5





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038806.D
Acq On : 22 Dec 2018 3:58
Operator : JU/SJ
Sample : J6492-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP.BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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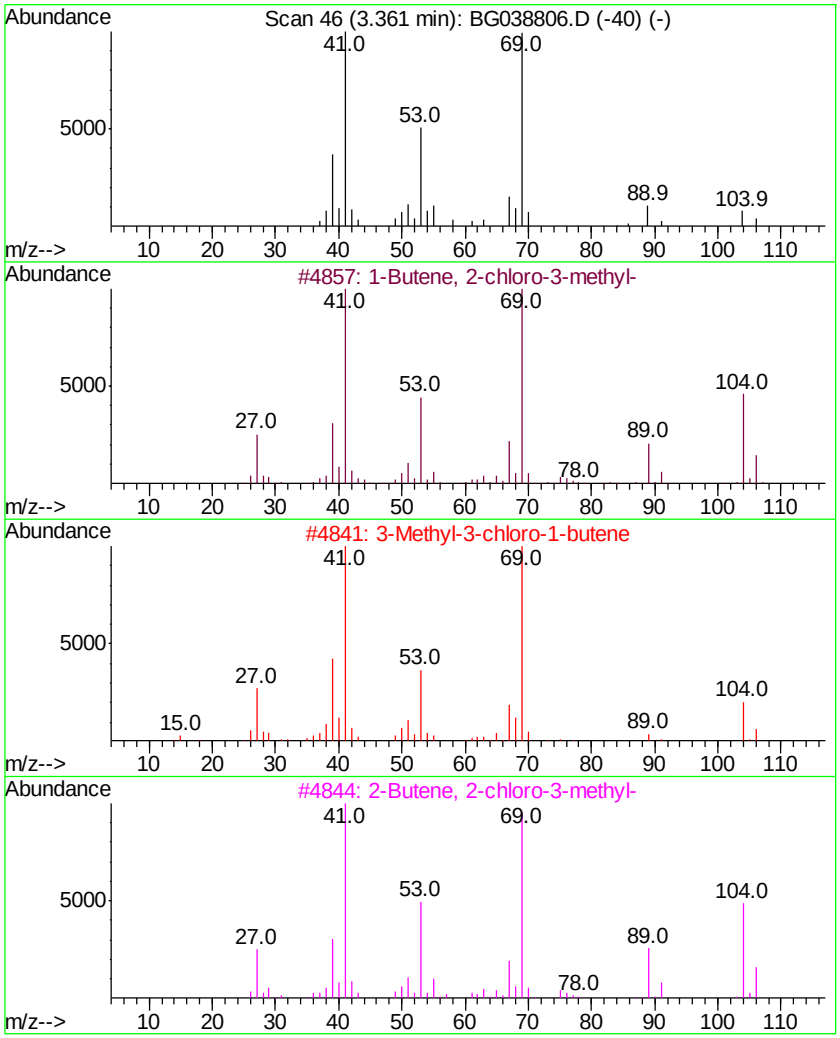
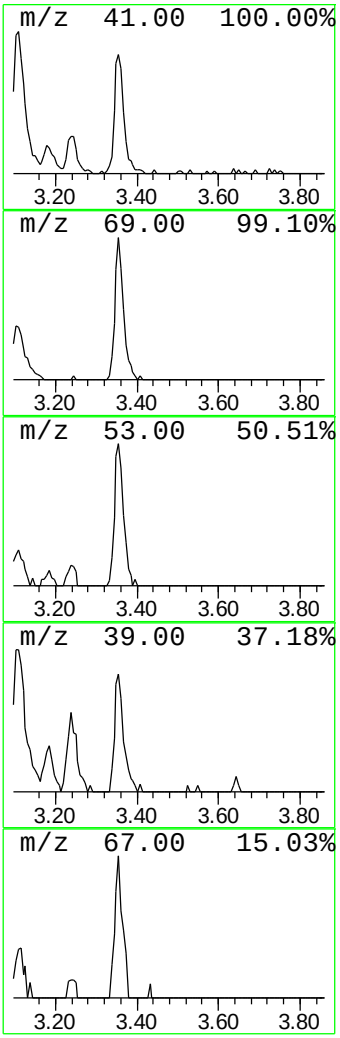
Peak Number 3 1-Butene, 2-chloro-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	6.85 ng	50944	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	91
2	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	83
3	2-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-65-8	64
4	2-Butyne, 1-methoxy-	84	C5H8O	002768-41-4	45
5	1-Butene, 3-chloro-2-methyl-	104	C5H9Cl	005166-35-8	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038806.D
Acq On : 22 Dec 2018 3:58
Operator : JU/SJ
Sample : J6492-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP.BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

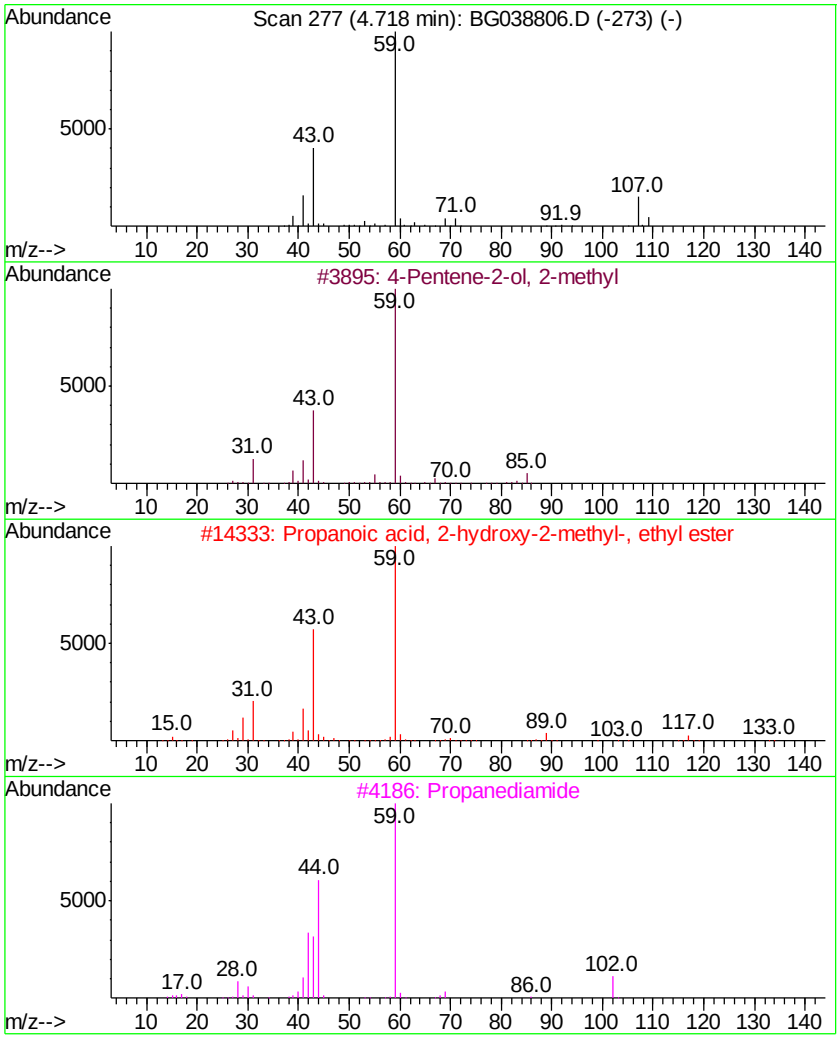
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

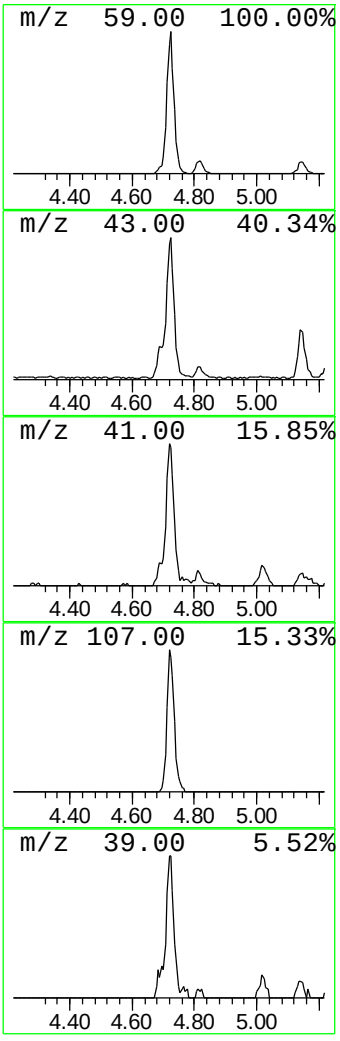
****

Peak Number 4 unknown4.72 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	31.60 ng	235205	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	38
2	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9
3	Propanediamide	102	C3H6N2O2	000108-13-4	9
4	1,2-Butanediol	90	C4H10O2	000584-03-2	9
5	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
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Operator : JU/SJ
Sample : J6492-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP.BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

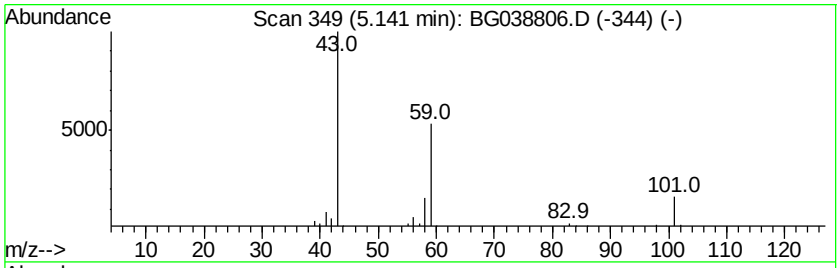
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

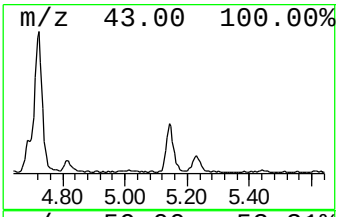
****

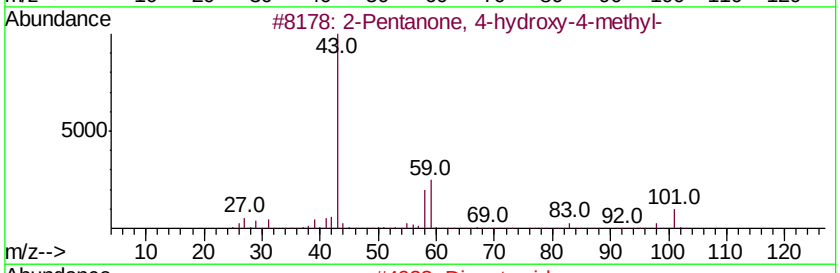
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

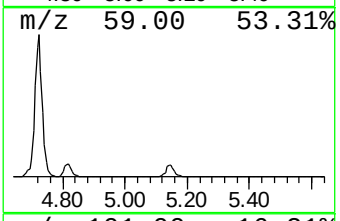
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	5.91 ng	44012	1,4-Dichlorobenzene-d4	8.06

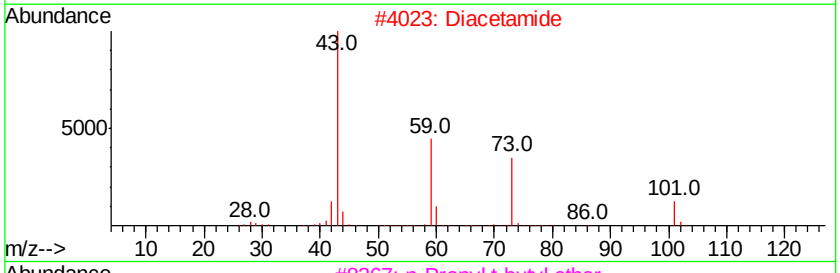
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Diacetamide	101	C4H7NO2	000625-77-4	38
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	Acetone	58	C3H6O	000067-64-1	9

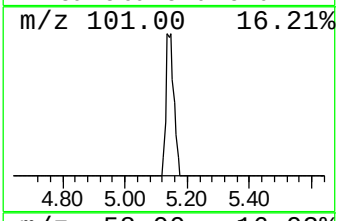


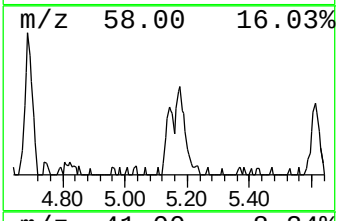


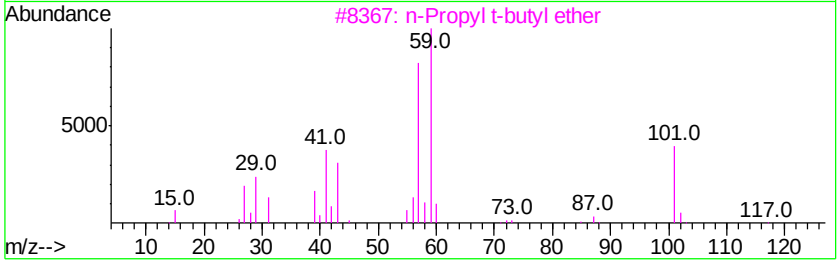


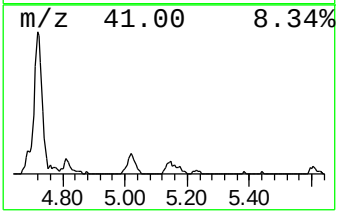












Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP.BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

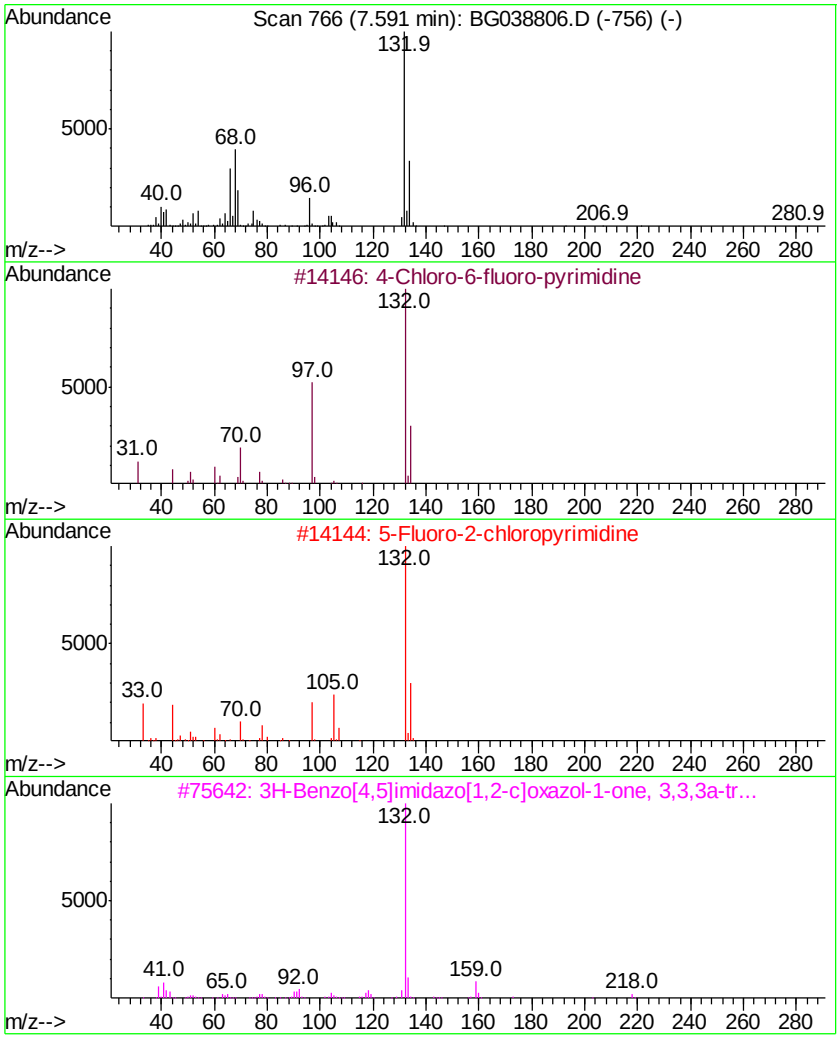
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

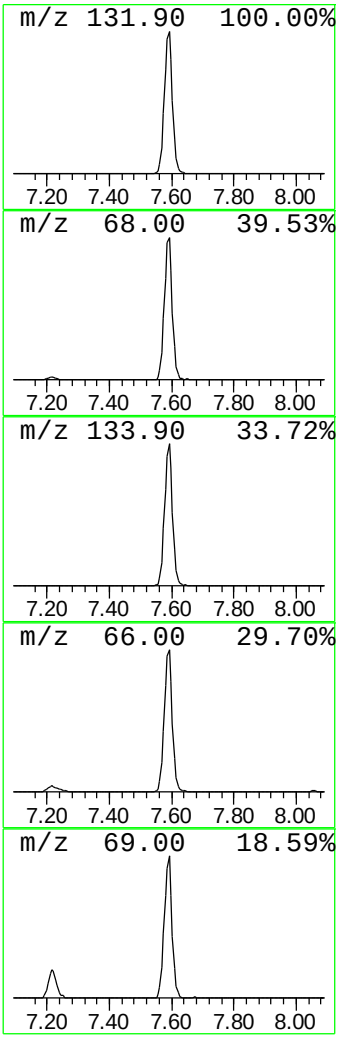
****

Peak Number 6 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	117.25 ng	872576	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	3H-Benzo[4,5]imidazo[1,2-c]oxazo...	218	C12H14N2O2	1000316-99-9	12
4	Benzenebutanal, .gamma.,4-dimethyl-	176	C12H16O	004895-19-6	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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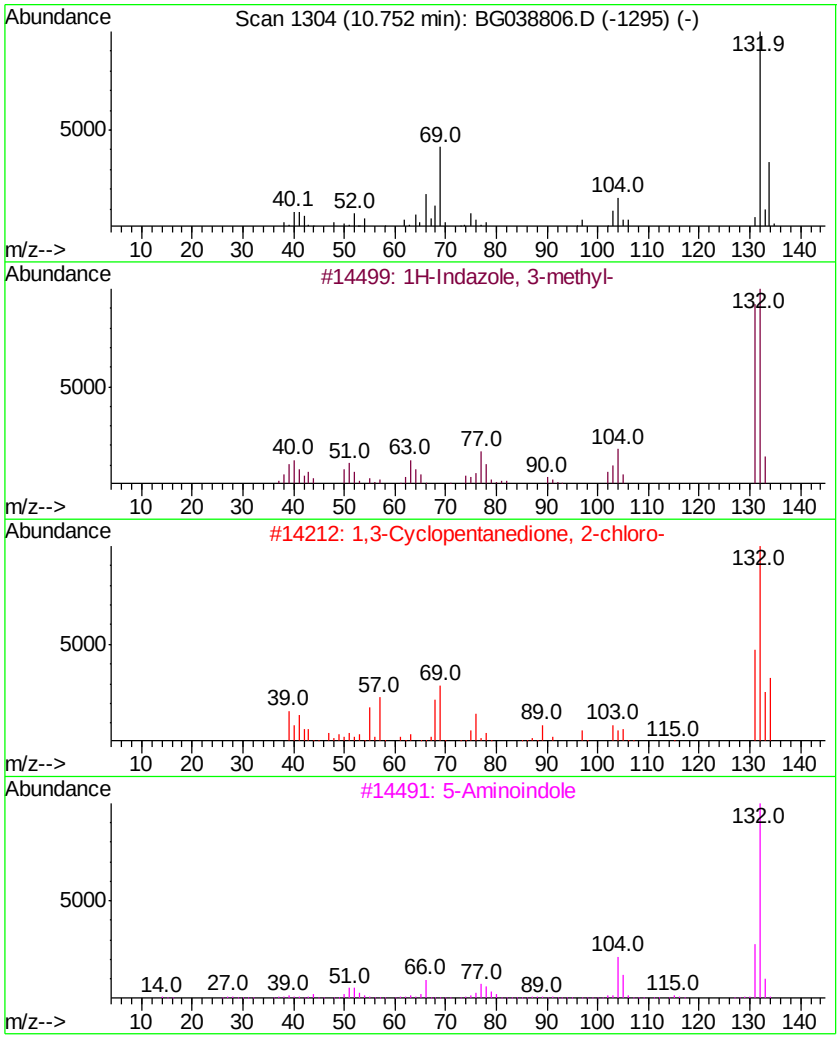
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

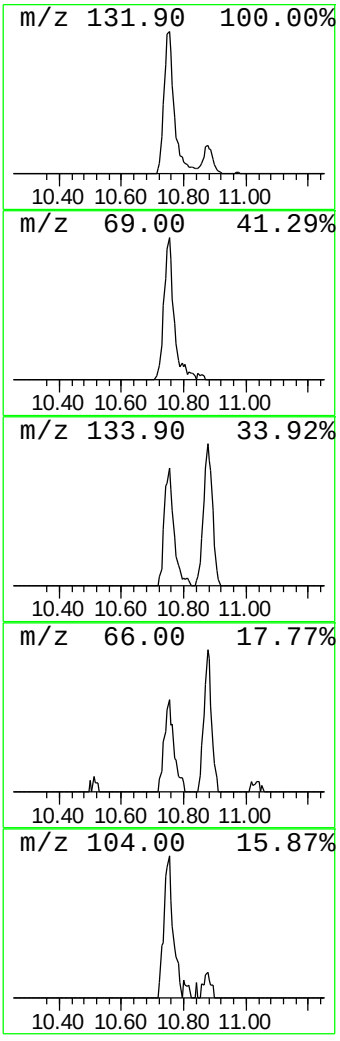
****

Peak Number 8 1H-Indazole, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	9.51 ng	104872	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	58
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	53
3	5-Aminoindole	132	C8H8N2	005192-03-0	53
4	Xenon	132	Xe	007440-63-3	53
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038806.D
Acq On : 22 Dec 2018 3:58
Operator : JU/SJ
Sample : J6492-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP.BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

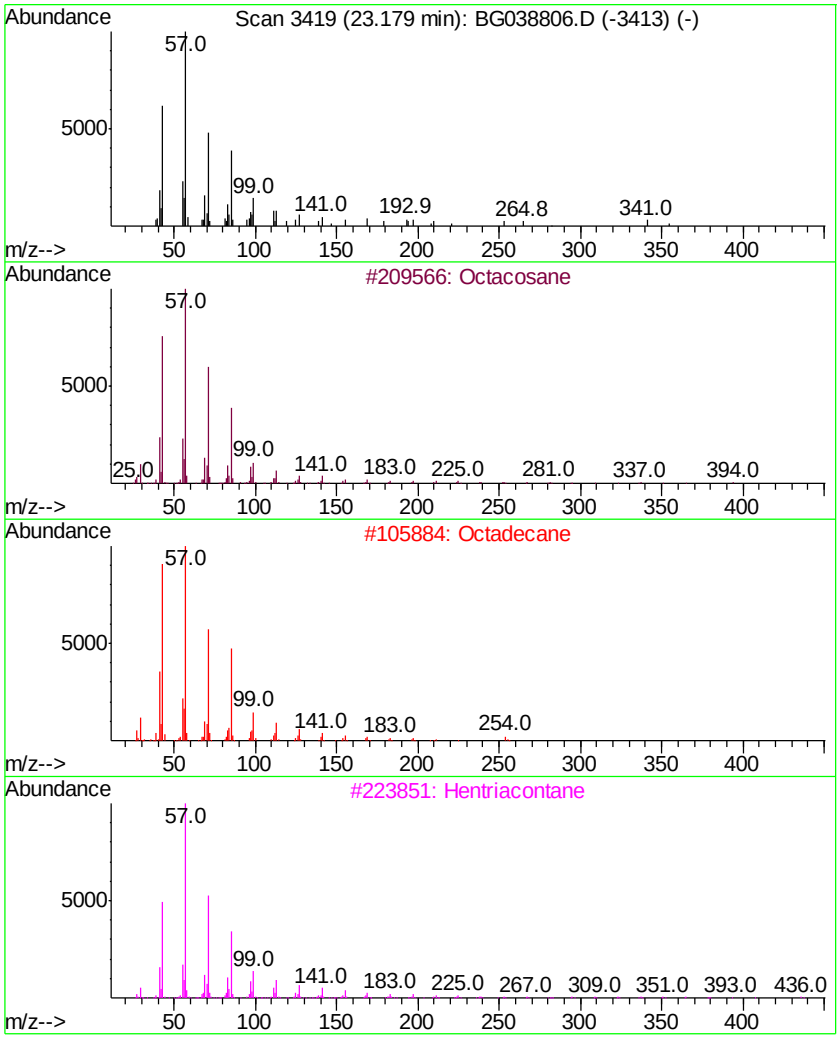
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

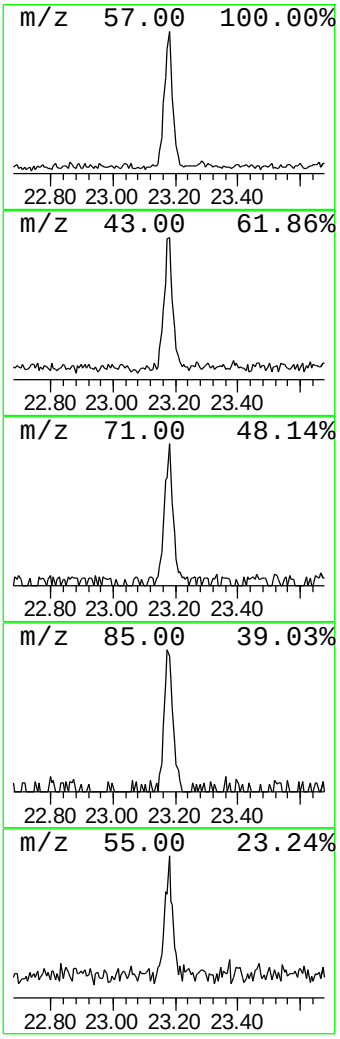
****

Peak Number 9 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.67 ng	59393	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	83
2	Octadecane	254	C18H38	000593-45-3	83
3	Hentriacontane	437	C31H64	000630-04-6	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Eicosane	282	C20H42	000112-95-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038806.D
Acq On : 22 Dec 2018 3:58
Operator : JU/SJ
Sample : J6492-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP.BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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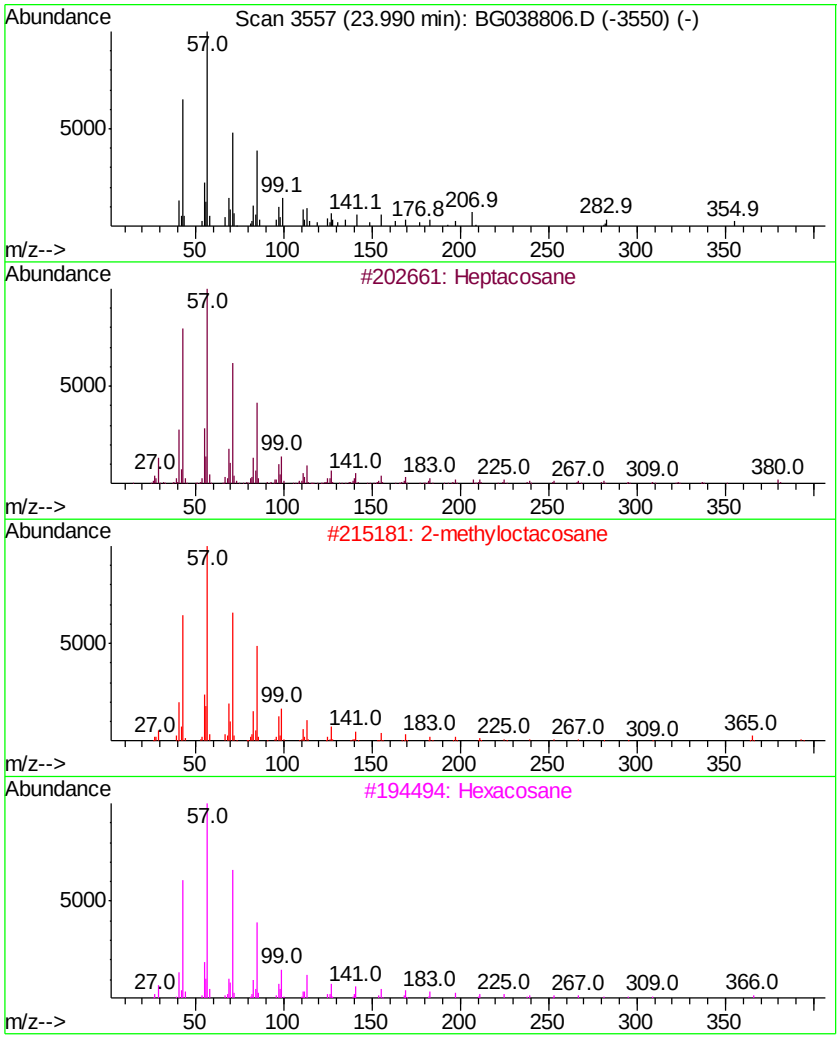
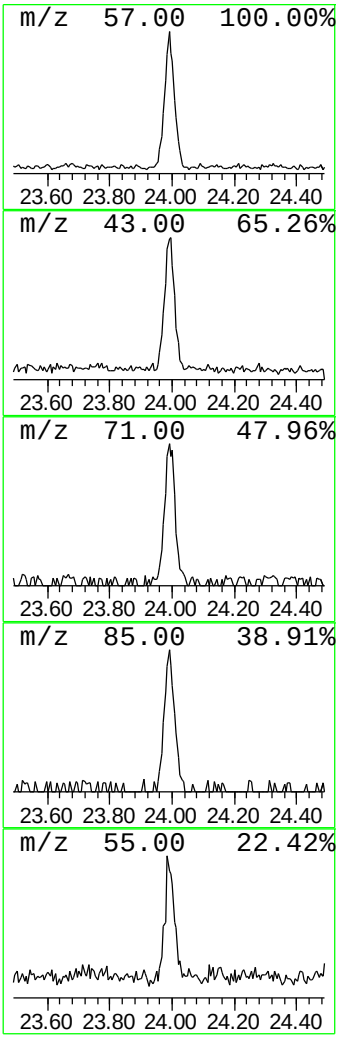
Peak Number 10 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	4.07 ng	78939	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Tetratetracontane	619	C44H90	007098-22-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038806.D
Acq On : 22 Dec 2018 3:58
Operator : JU/SJ
Sample : J6492-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP.BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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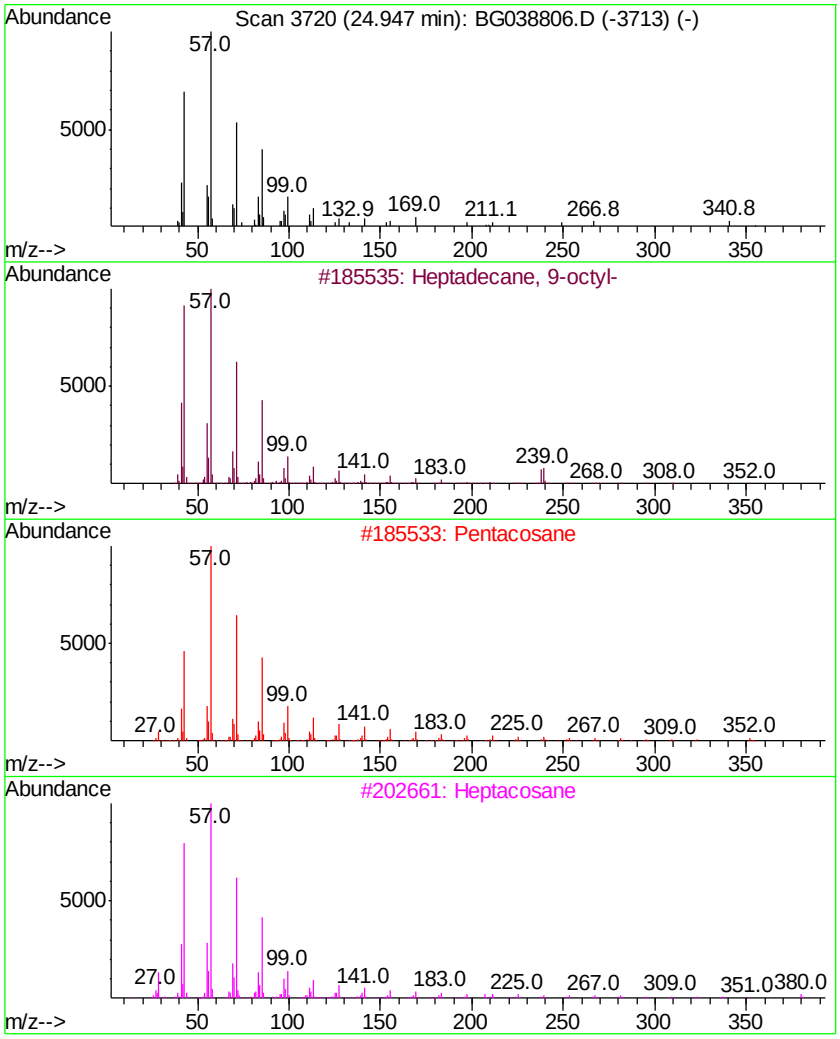
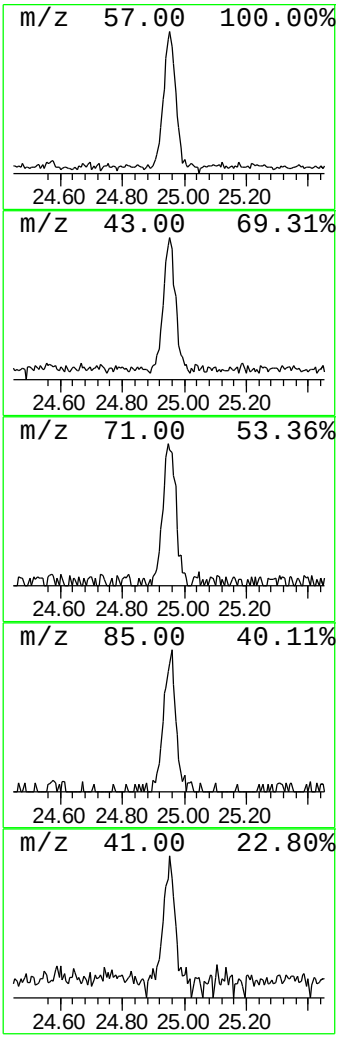
Peak Number 11 Heptadecane, 9-octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	4.12 ng	79908	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Pentacosane	352	C25H52	000629-99-2	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Docosane	310	C22H46	000629-97-0	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038806.D
Acq On : 22 Dec 2018 3:58
Operator : JU/SJ
Sample : J6492-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP.BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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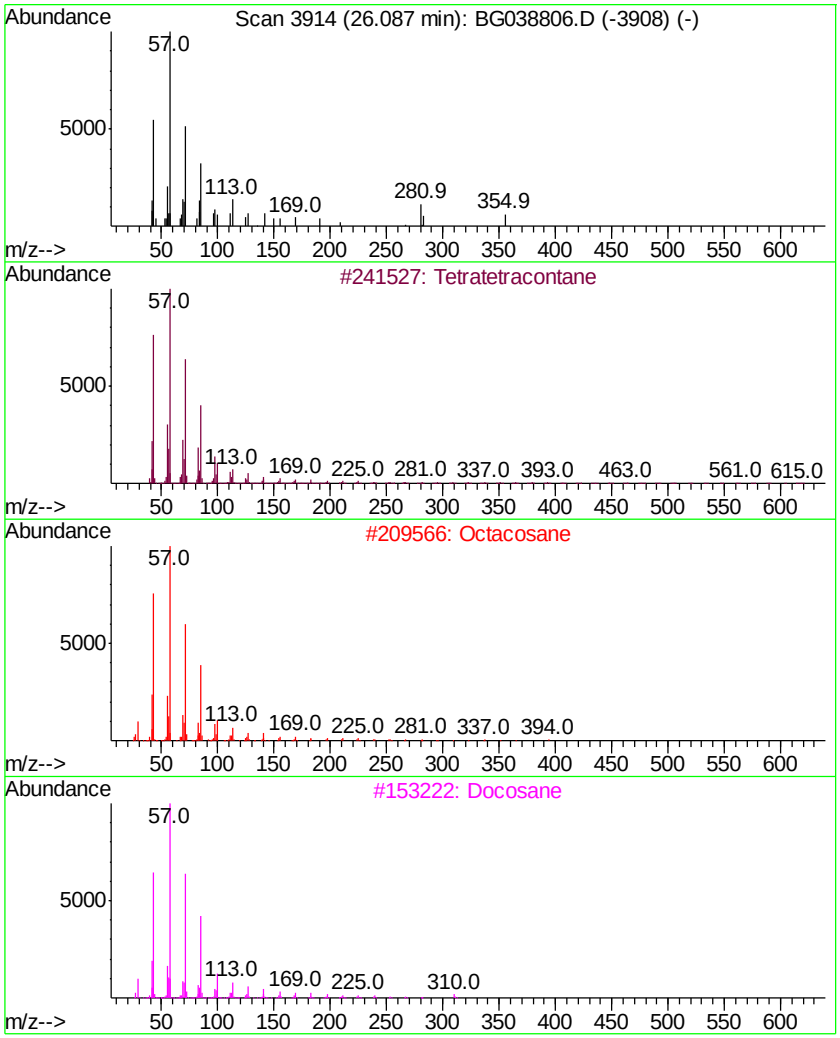
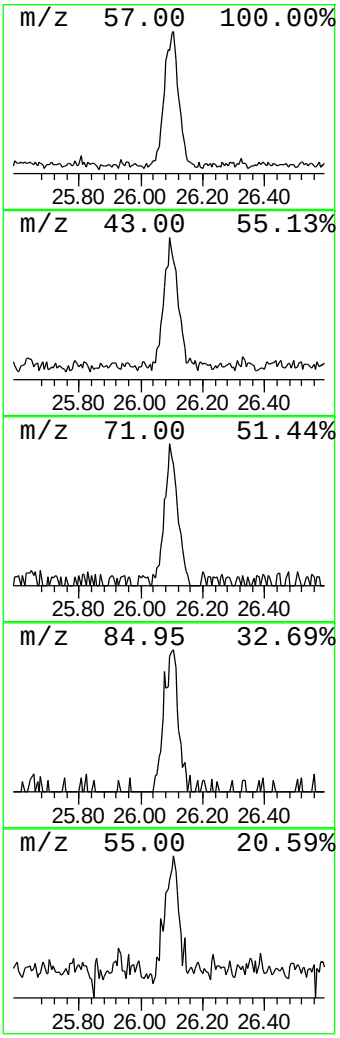
Peak Number 12 Tetratetracontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.09	3.92 ng	76111	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	80
2	Octacosane	394	C28H58	000630-02-4	74
3	Docosane	310	C22H46	000629-97-0	72
4	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	72
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
Data File : BG038806.D
Acq On : 22 Dec 2018 3:58
Operator : JU/SJ
Sample : J6492-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP.BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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...	3.18	5.5	ng	41173	1	8.06	148847	20.0
2-Propanone, 1-ch...	3.24	13.8	ng	102348	1	8.06	148847	20.0
1-Butene, 2-chlor...	3.36	6.8	ng	50944	1	8.06	148847	20.0
unknown4.72	4.72	31.6	ng	235205	1	8.06	148847	20.0
2-Pentanone, 4-hy...	5.14	5.9	ng	44012	1	8.06	148847	20.0
unknown7.59	7.59	117.3	ng	872576	1	8.06	148847	20.0
1H-Indazole, 3-me...	10.75	9.5	ng	104872	2	10.88	220601	20.0
Octacosane	23.18	2.7	ng	59393	5	21.73	444813	20.0
Heptacosane	23.99	4.1	ng	78939	6	25.04	388298	20.0
Heptadecane, 9-oc...	24.95	4.1	ng	79908	6	25.04	388298	20.0
Tetratetracontane	26.09	3.9	ng	76111	6	25.04	388298	20.0