LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107480.D
Acq On : 18 Jul 2018 16:27
Operator : JU/SJ
Sample : J4008-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-FM1026

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_F\METHODS\8270-BF071618.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	5.601	551	555	559	rVB	212574	187350	11.92%	1.739%
2	6.601	719	725	733	rBV2	134218	151178	9.62%	1.403%
3	6.748	746	750	754	rBV	465546	392576	24.98%	3.643%
4	6.984	786	790	796	rVB	983422	811067	51.61%	7.527%
5	7.137	812	816	820	rVB	442055	378273	24.07%	3.511%
6	7.542	880	885	888	rBV	309510	282581	17.98%	2.623%
7	8.266	1004	1008	1012	rBV	1148810	974264	61.99%	9.042%
8	9.278	1176	1180	1182	rBV4	63184	77148	4.91%	0.716%
9	9.342	1186	1191	1194	rBV	665148	653844	41.60%	6.068%
10	9.407	1200	1202	1204	rBV2	60897	71769	4.57%	0.666%
11	9.736	1255	1258	1261	rBV4	339855	437002	27.81%	4.056%
12	9.766	1261	1263	1266	rBV4	433679	463108	29.47%	4.298%
13	9.895	1283	1285	1287	rBV2	268702	188262	11.98%	1.747%
14	9.936	1288	1292	1295	rBV5	563073	751101	47.79%	6.971%
15	10.030	1304	1308	1311	rVB3	1286208	1571596	100.00%	14.585%
16	11.913	1625	1628	1630	rVB	1411846	1302063	82.85%	12.084%
17	14.177	2011	2013	2016	rVB	567647	533089	33.92%	4.947%
18	15.042	2157	2160	2164	rVB	753057	791792	50.38%	7.348%
19	15.724	2272	2276	2281	rVB2	578108	757005	48.17%	7.026%

Sum of corrected areas: 10775068

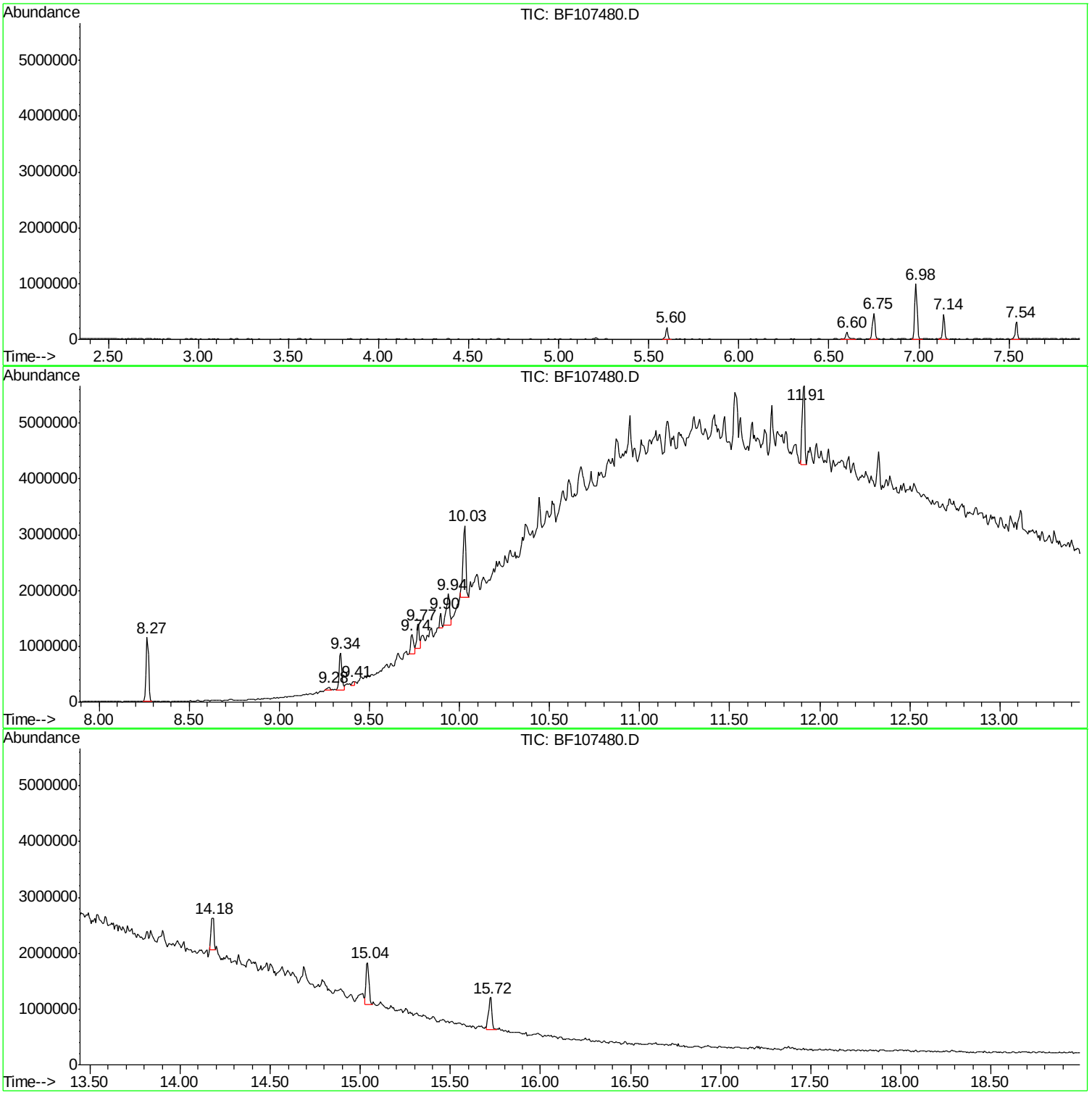
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107480.D
Acq On : 18 Jul 2018 16:27
Operator : JU/SJ
Sample : J4008-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KG-FM1026

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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 F\DATA\BF071818\
Data File : BF107480.D
Acq On : 18 Jul 2018 16:27
Operator : JU/SJ
Sample : J4008-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-FM1026

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

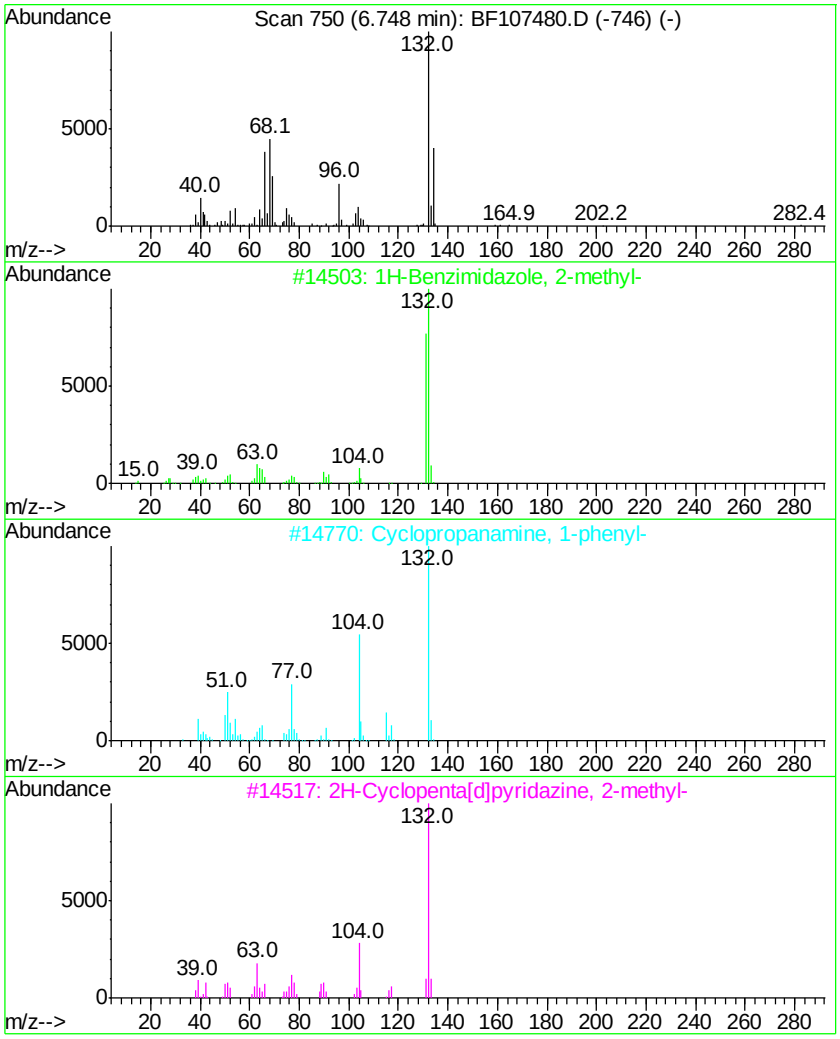
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

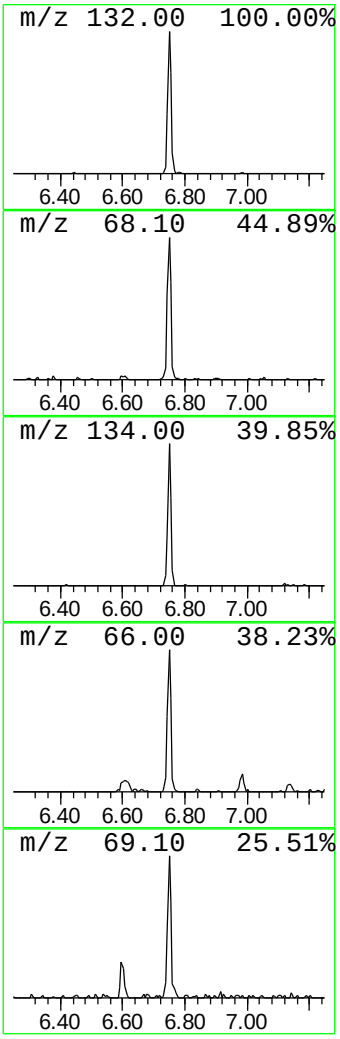
****

Peak Number 1 unknown6.75 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	9.68 ng	392576	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	11
2	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107480.D
Acq On : 18 Jul 2018 16:27
Operator : JU/SJ
Sample : J4008-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-FM1026

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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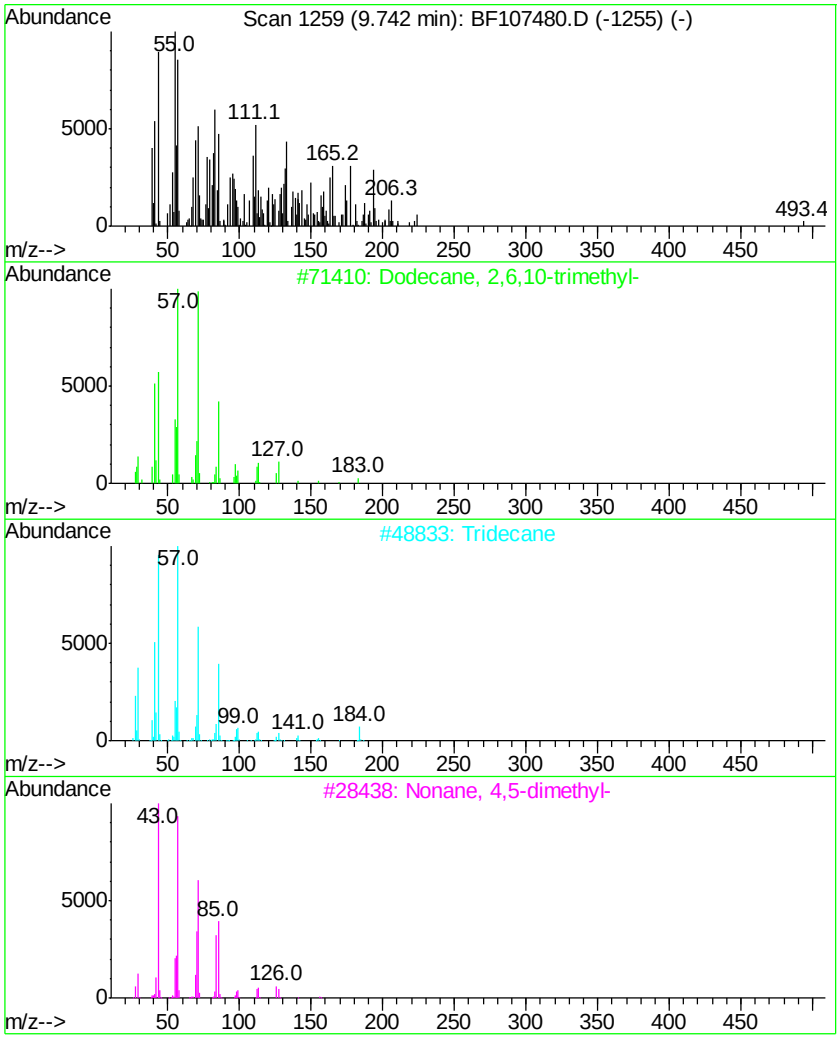
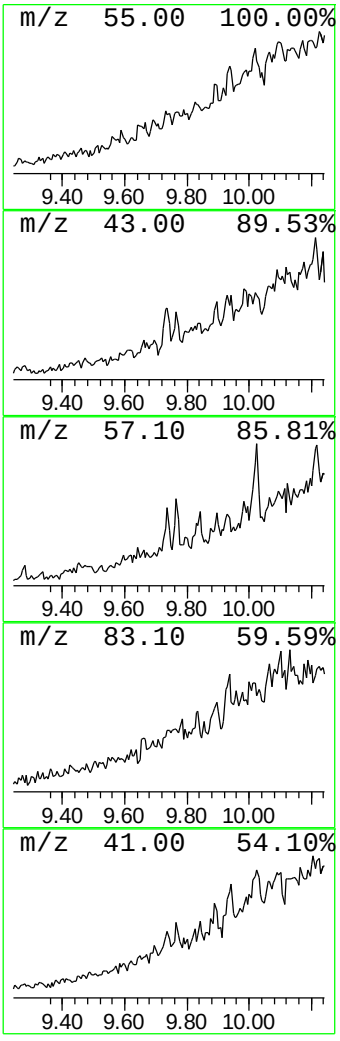
Peak Number 3 unknown9.74 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	5.56 ng	437002	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38
2	Tridecane	184	C13H28	000629-50-5	38
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	30
4	Heptacosane	380	C27H56	000593-49-7	30
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107480.D
Acq On : 18 Jul 2018 16:27
Operator : JU/SJ
Sample : J4008-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-FM1026

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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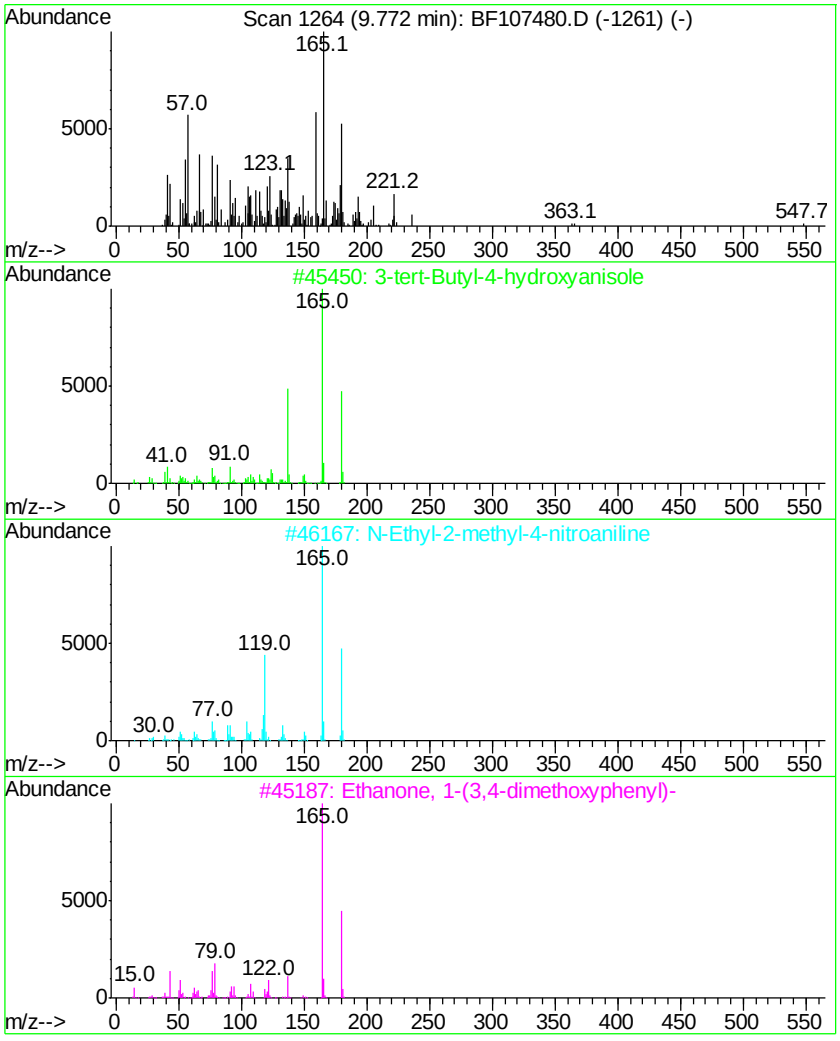
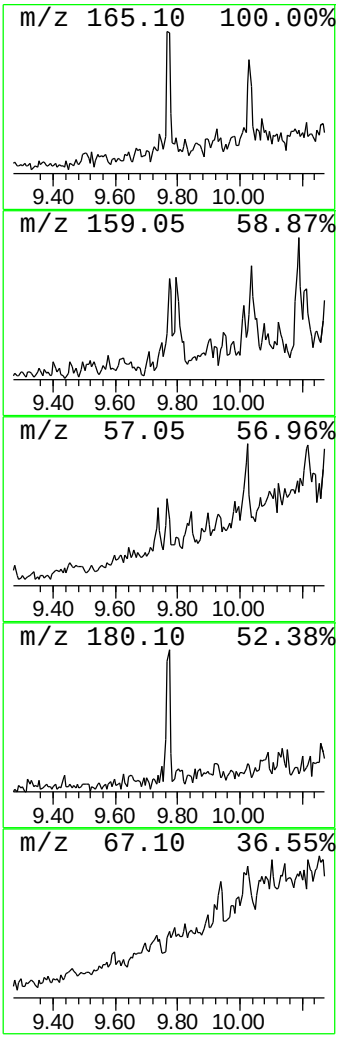
Peak Number 4 unknown9.77 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	5.89 ng	463108	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	49
2	N-Ethyl-2-methyl-4-nitroaniline	180	C9H12N2O2	088374-25-8	43
3	Ethanone, 1-(3,4-dimethoxyphenyl)-	180	C10H12O3	001131-62-0	43
4	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	43
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107480.D
Acq On : 18 Jul 2018 16:27
Operator : JU/SJ
Sample : J4008-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-FM1026

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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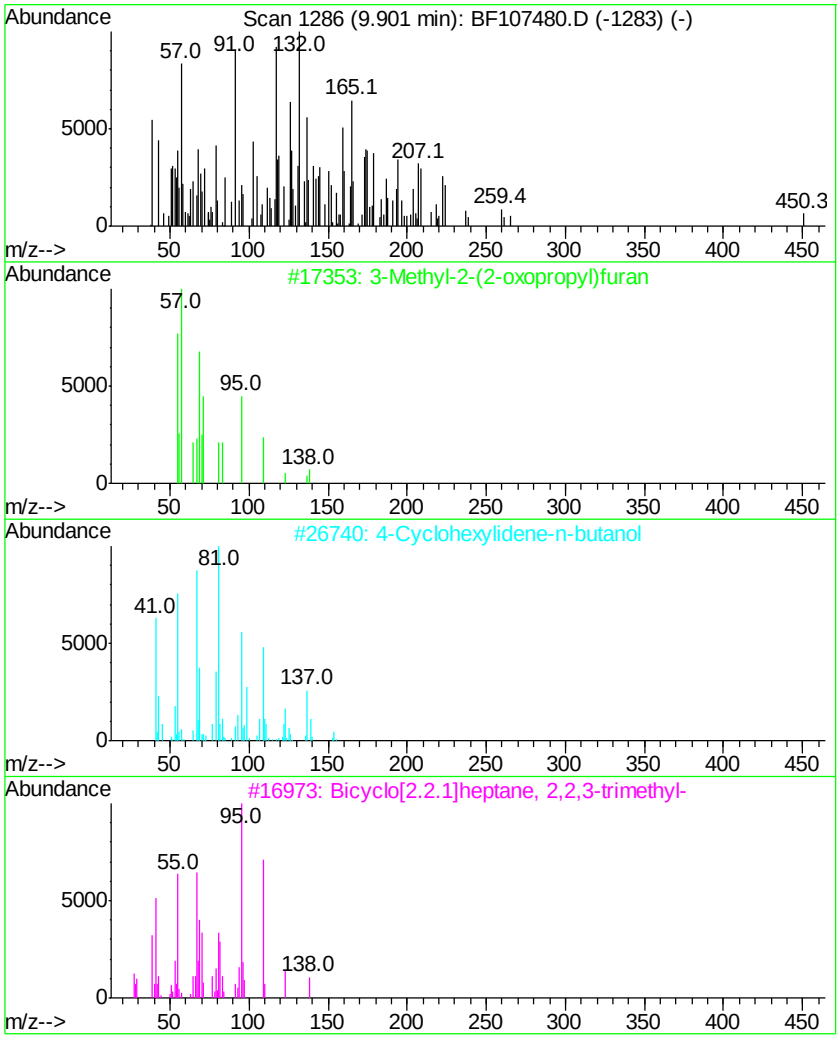
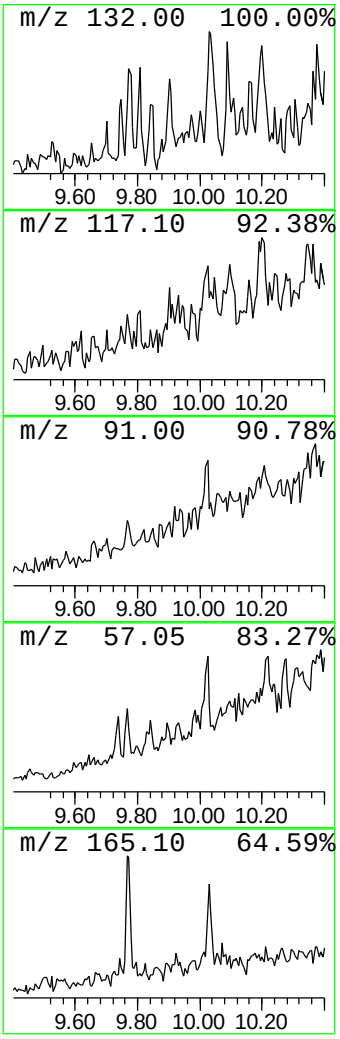
Peak Number 5 unknown9.90 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	2.40 ng	188262	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	43
2	4-Cyclohexylidene-n-butanol	154	C10H18O	004441-58-1	38
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	35
4	Bicyclo[4.1.0]heptane-7,7-dicarb...	160	C10H12N2	074764-53-7	35
5	Cyclopentane, undecyl-	224	C16H32	006785-23-5	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107480.D
Acq On : 18 Jul 2018 16:27
Operator : JU/SJ
Sample : J4008-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-FM1026

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

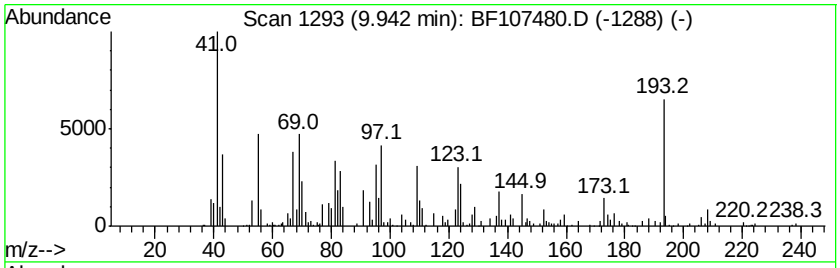
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

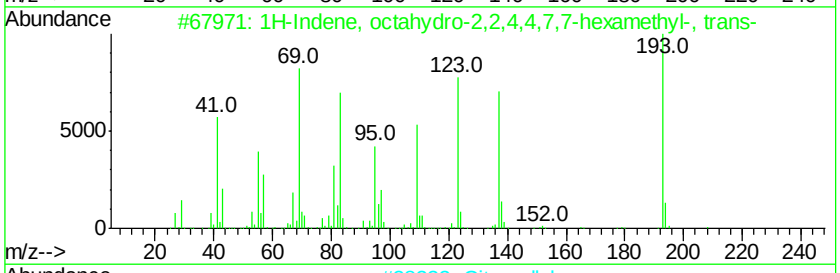
****

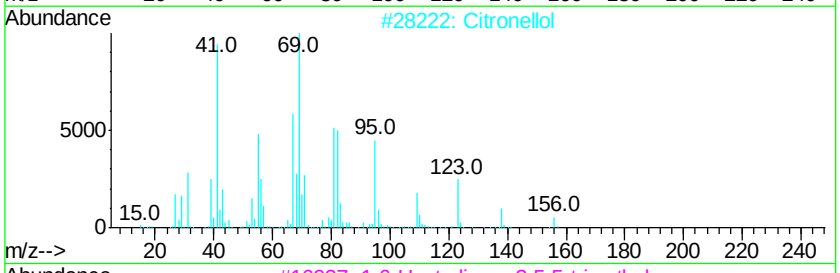
Peak Number 6 unknown9.94 Concentration Rank 4

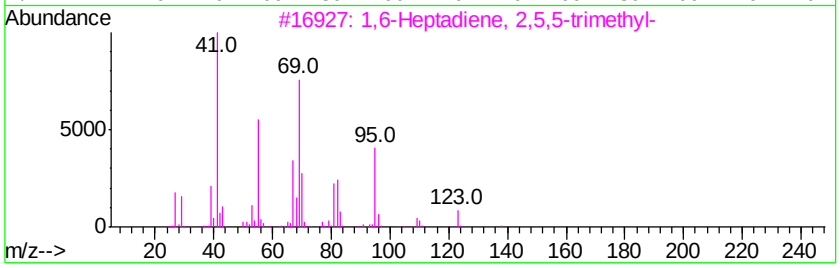
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	9.56 ng	751101	Acenaphthene-d10	10.03

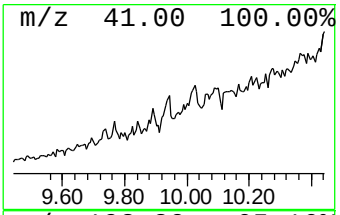
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	49
2	Citronellol	156	C10H20O	000106-22-9	35
3	1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	27
4	(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	27
5	Ethylidenecycloheptane	124	C9H16	010494-87-8	25

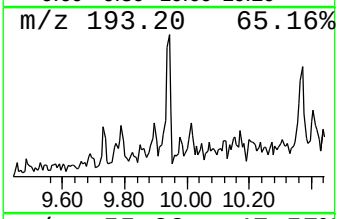


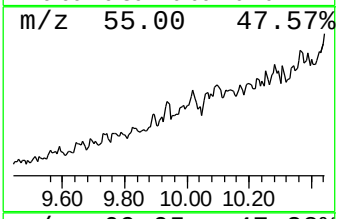


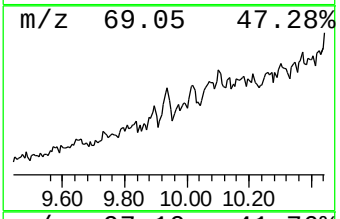


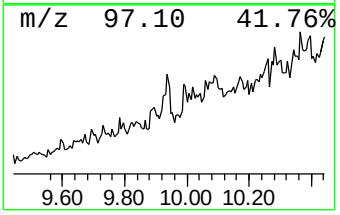












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107480.D
Acq On : 18 Jul 2018 16:27
Operator : JU/SJ
Sample : J4008-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-FM1026

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

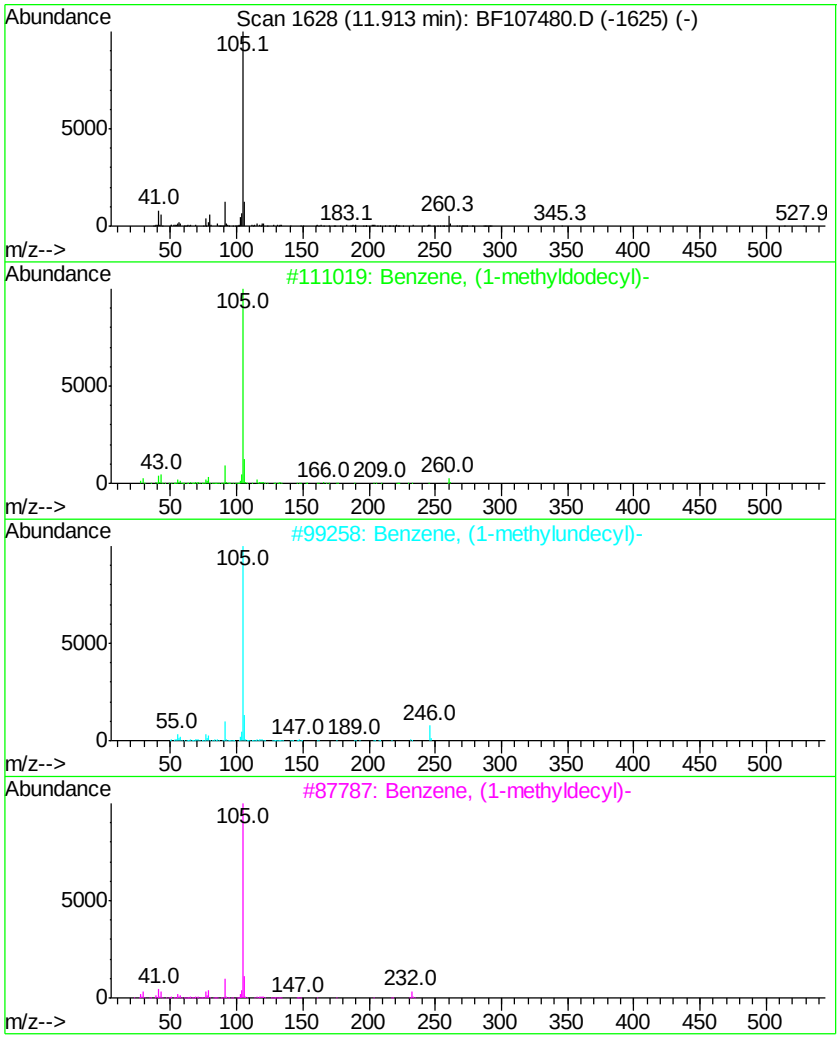
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

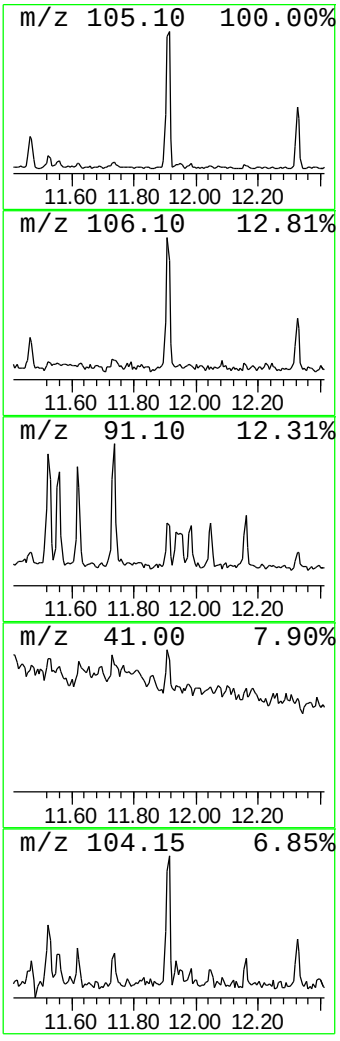
****

Peak Number 7 Benzene, (1-methyldodecyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	20.00 ng	1302060	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	83
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64
4	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	59
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
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Sample : J4008-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-FM1026

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

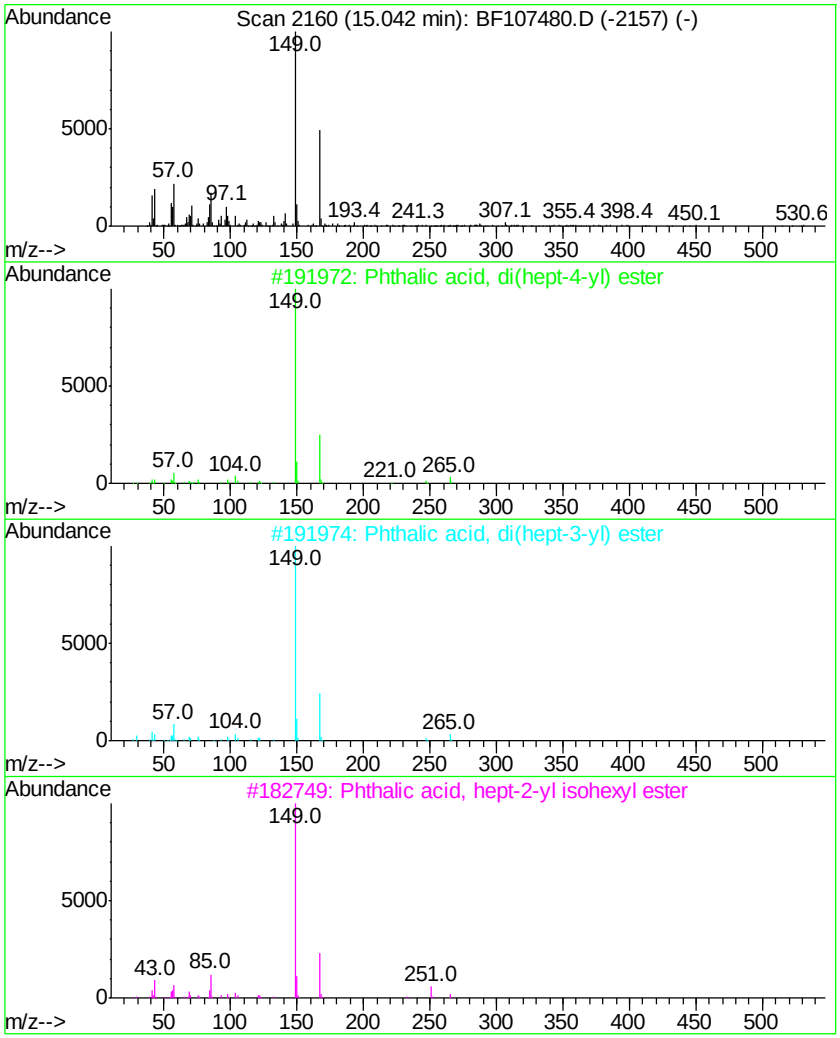
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

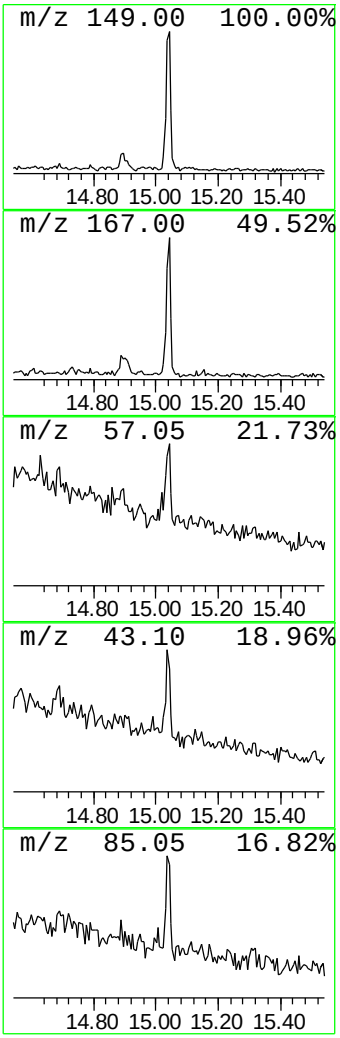
****

Peak Number 8 Phthalic acid, di(hept-4-yl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	20.92 ng	791792	Perylene-d12	15.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, di(hept-4-yl) ester	362	C22H34O4	1000356-80-0	59
2	Phthalic acid, di(hept-3-yl) ester	362	C22H34O4	1000357-00-0	59
3	Phthalic acid, hept-2-yl isohexy...	348	C21H32O4	1000356-97-3	59
4	Phthalic acid, 5-methylhex-2-yl ...	502	C32H54O4	1000371-07-7	52
5	Phthalic acid, heptyl 2-methylpe...	348	C21H32O4	1000356-91-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
Data File : BF107480.D
Acq On : 18 Jul 2018 16:27
Operator : JU/SJ
Sample : J4008-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-FM1026

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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
unknown6.75	6.75	9.7	ng	392576	1	6.98	811067	20.0
unknown9.74	9.74	5.6	ng	437002	3	10.03	1571600	20.0
unknown9.77	9.77	5.9	ng	463108	3	10.03	1571600	20.0
unknown9.90	9.90	2.4	ng	188262	3	10.03	1571600	20.0
unknown9.94	9.94	9.6	ng	751101	3	10.03	1571600	20.0
Benzene, (1-methy...	11.91	20.0	ng	1302060	4	11.54	1302060	20.0
Phthalic acid, di...	15.04	20.9	ng	791792	6	15.72	757005	20.0