LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.144	5	9	18	rVB	36283	58763	2.43%	0.268%
2	3.402	49	53	60	rVB	16248	25875	1.07%	0.118%
3	4.143	176	179	186	rVB2	3300	5341	0.22%	0.024%
4	7.104	676	683	695	rBV	252910	460017	19.01%	2.098%
5	7.268	704	711	724	rBV	211118	368766	15.24%	1.682%
6	7.474	738	746	758	rBV	273646	482953	19.96%	2.202%
7	7.938	816	825	836	rBV	250470	439973	18.18%	2.006%
8	8.643	938	945	959	rBV	328345	587462	24.28%	2.679%
9	9.090	1014	1021	1033	rBV	252345	453453	18.74%	2.068%
10	9.812	1137	1144	1153	rBV	203295	376489	15.56%	1.717%
11	10.359	1230	1237	1251	rBV	327346	604423	24.98%	2.756%
12	10.735	1291	1301	1310	rBV	365858	638867	26.40%	2.913%
13	10.864	1316	1323	1339	rBV	316787	608978	25.17%	2.777%
14	12.327	1566	1572	1577	rBV	4451	7224	0.30%	0.033%
15	13.972	1845	1852	1862	rBV	701821	1028495	42.51%	4.690%
16	14.260	1894	1901	1913	rBV	782046	1229304	50.81%	5.606%
17	14.566	1945	1953	1964	rBV	613523	940214	38.86%	4.287%
18	14.759	1978	1986	2003	rBV	207392	388331	16.05%	1.771%
19	15.559	2115	2122	2130	rBV	1065021	1592485	65.82%	7.262%
20	15.670	2135	2141	2154	rVV	279118	429749	17.76%	1.960%
21	15.794	2158	2162	2168	rVB2	10558	17359	0.72%	0.079%
22	16.340	2251	2255	2260	rBV4	4706	6693	0.28%	0.031%
23	17.098	2380	2384	2390	rVB3	2822	4498	0.19%	0.021%
24	17.309	2413	2420	2430	rBV	840064	1231417	50.89%	5.615%
25	17.403	2430	2436	2448	rVV2	1142026	1809813	74.80%	8.253%
26	17.697	2483	2486	2491	rBV4	1425	2696	0.11%	0.012%
27	18.831	2676	2679	2682	rBV3	1665	2542	0.11%	0.012%
28	19.331	2759	2764	2770	rBV2	14212	22192	0.92%	0.101%
29	19.577	2802	2806	2811	rVB	12522	17781	0.73%	0.081%
30	19.689	2819	2825	2833	rBV	1637999	2370864	97.99%	10.811%
31	19.883	2856	2858	2860	rBV3	2775	2926	0.12%	0.013%
32	21.552	3135	3142	3154	rBV2	970341	1599679	66.11%	7.295%
33	23.802	3522	3525	3532	rVB4	19901	37525	1.55%	0.171%
34	24.442	3624	3634	3647	rVB2	916657	2419555	100.00%	11.033%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

35	24.654	3660	3670	3690	rVB2	591527	1657004	68.48%	7.556%

Sum of corrected areas: 21929706

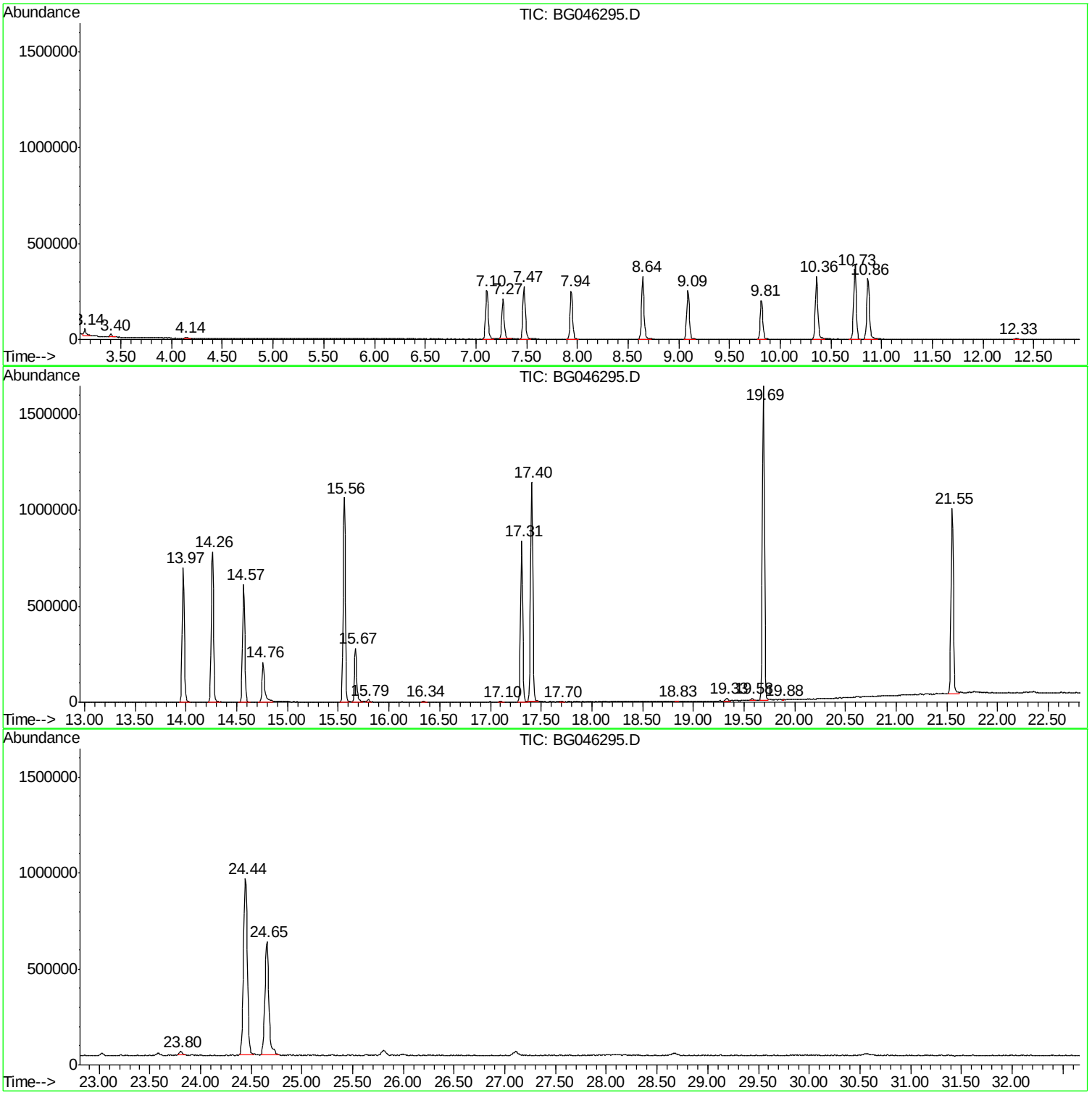
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

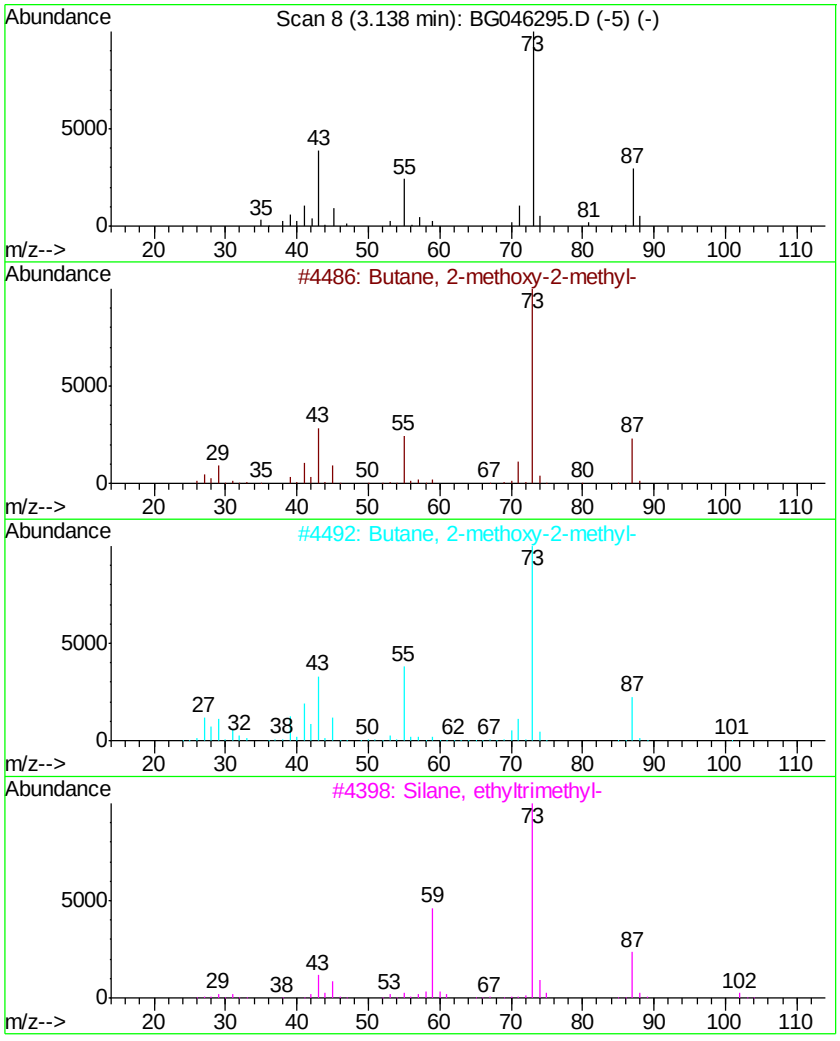
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

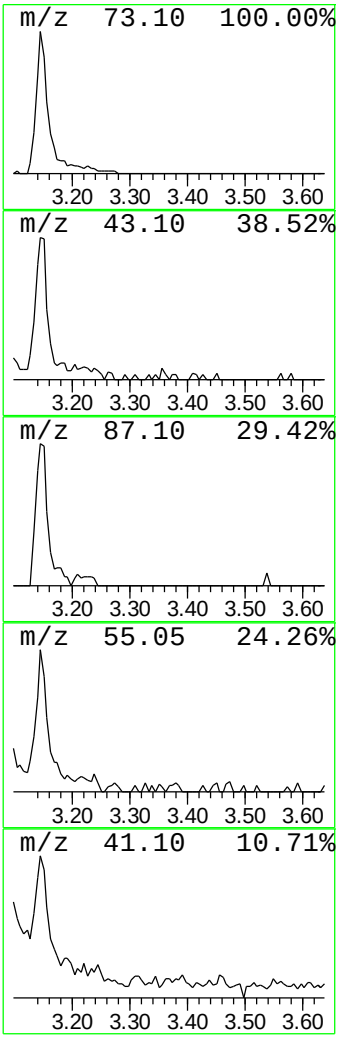
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	2.67 ng/ul	58763	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

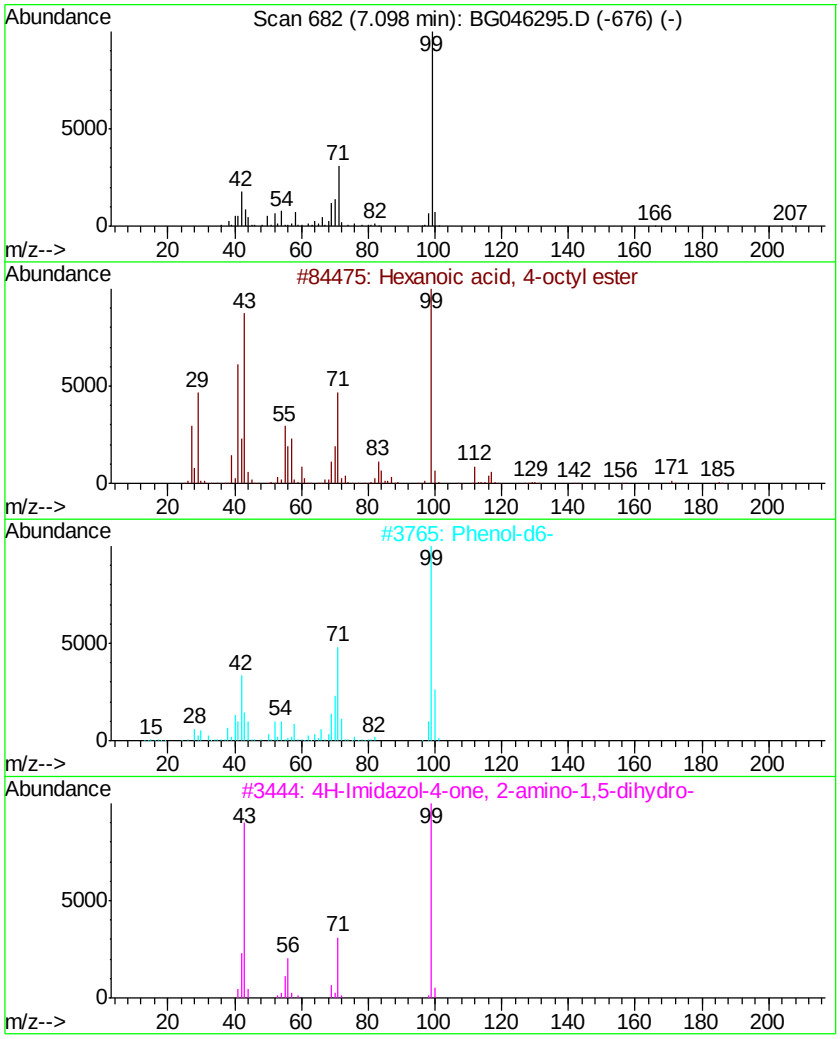
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

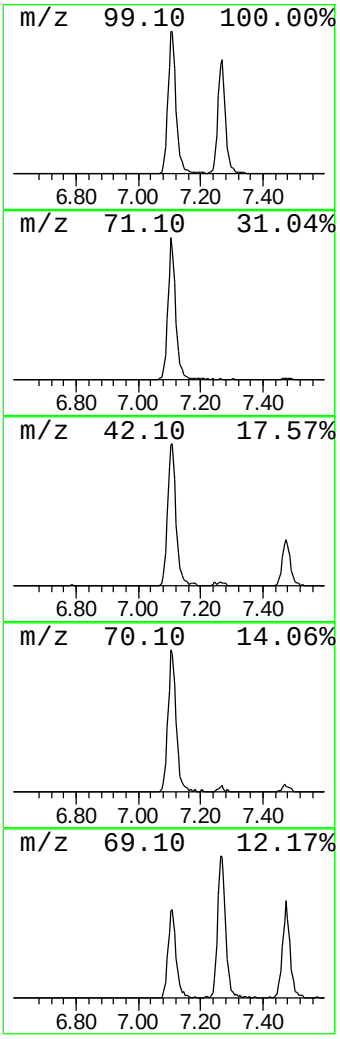
****

Peak Number 2 Hexanoic acid, 4-octyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	20.91 ng/ul	460017	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-octyl ester	228	C14H28O2	1000160-13-3	72
2	Phenol-d6-	100	C6D6O	013127-88-3	64
3	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
4	Hexanoic acid, 3-chloroprop-2-en...	190	C9H15ClO2	1000299-36-1	59
5	2H-Pyran-2-one, tetrahydro-6-octyl-	212	C13H24O2	007370-92-5	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

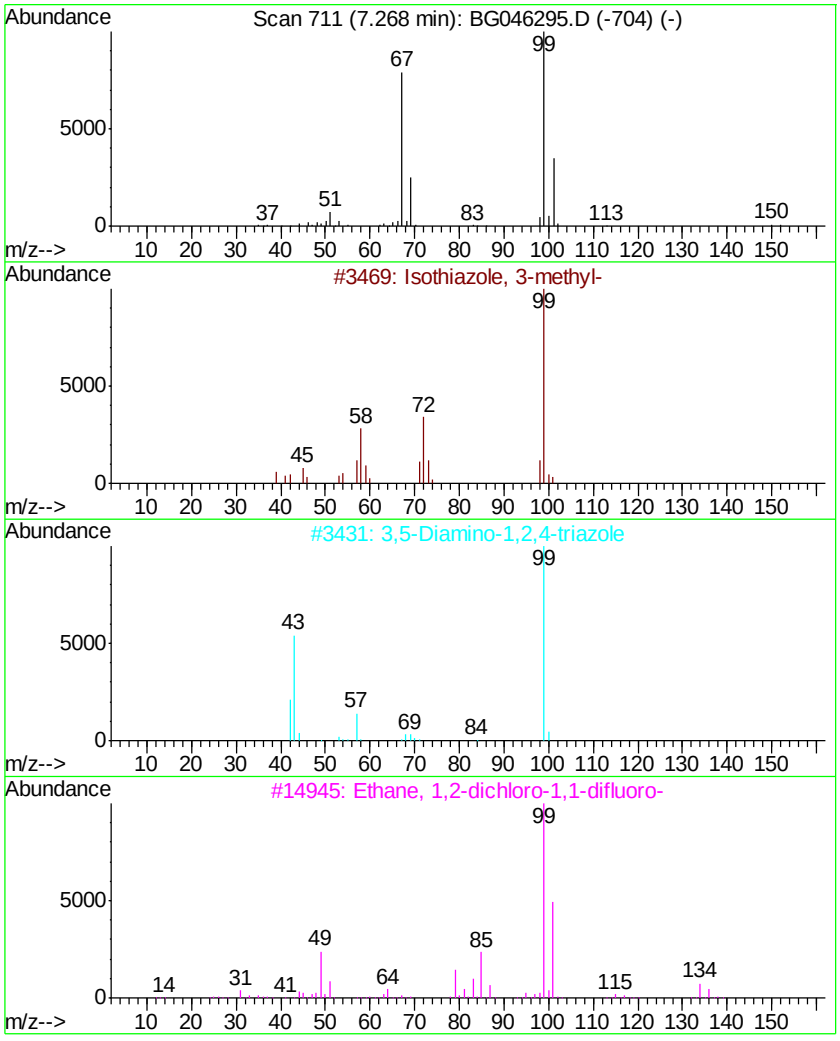
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

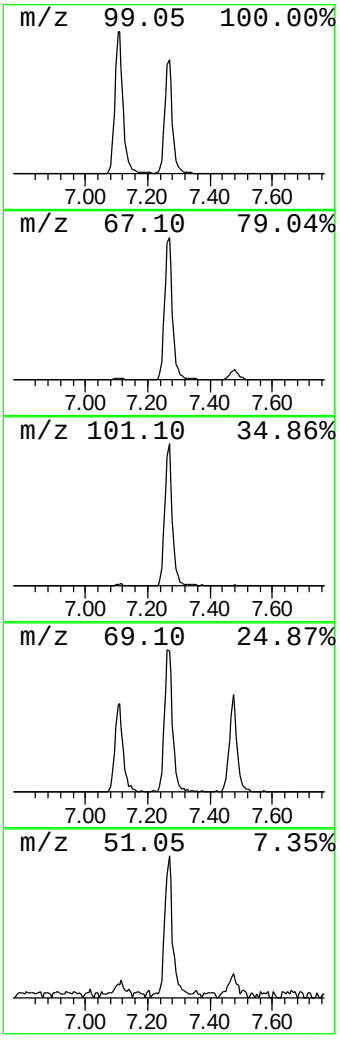
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	16.76 ng/ul	368766	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
2	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
3	Ethane, 1,2-dichloro-1,1-difluoro-	134	C2H2Cl2F2	001649-08-7	9
4	Methyl 2-butynoate	98	C5H6O2	023326-27-4	5
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	5





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

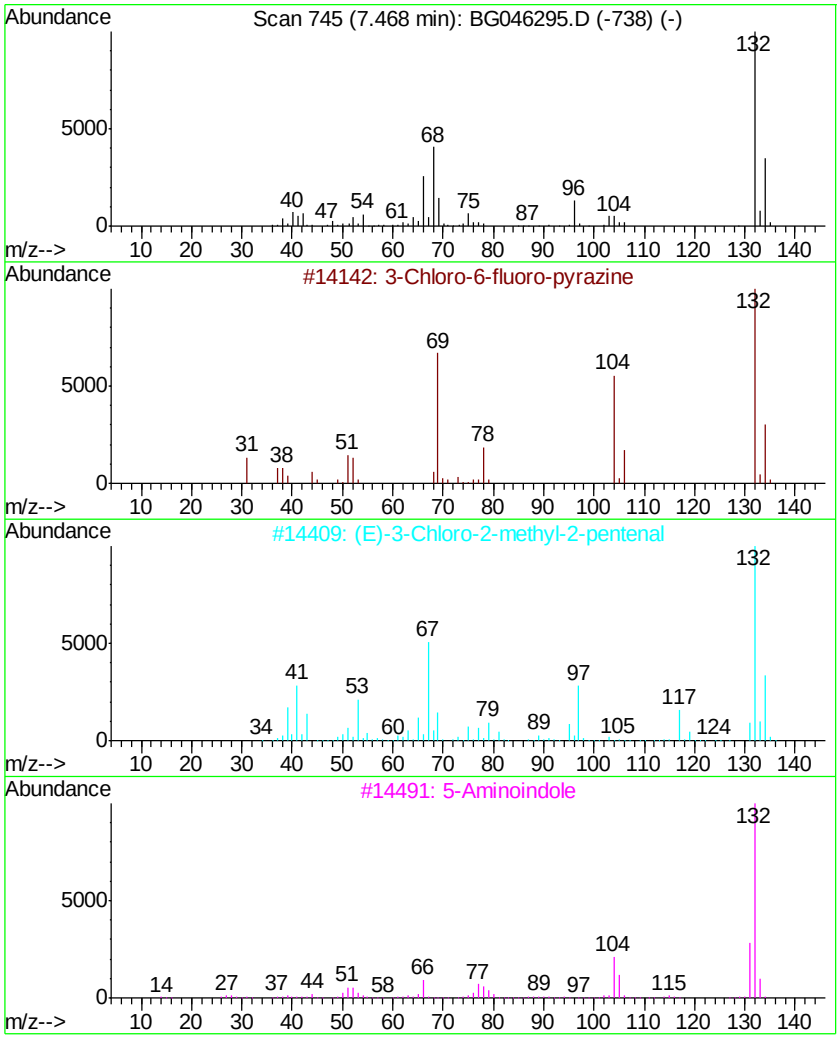
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

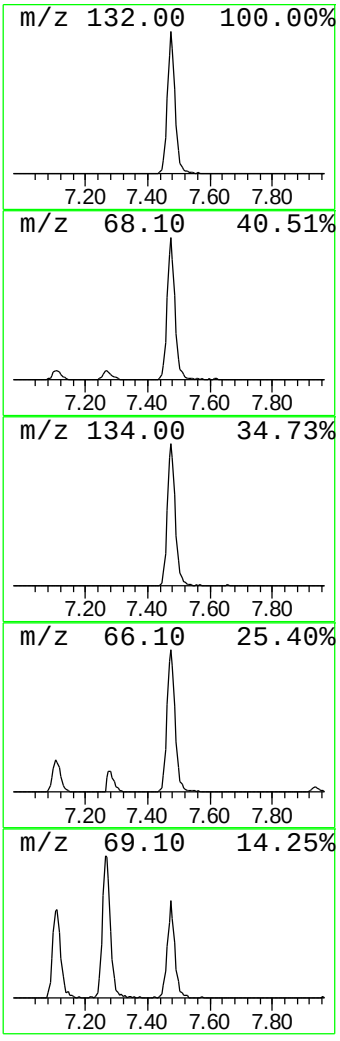
****

Peak Number 4 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	21.95 ng/ul	482953	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

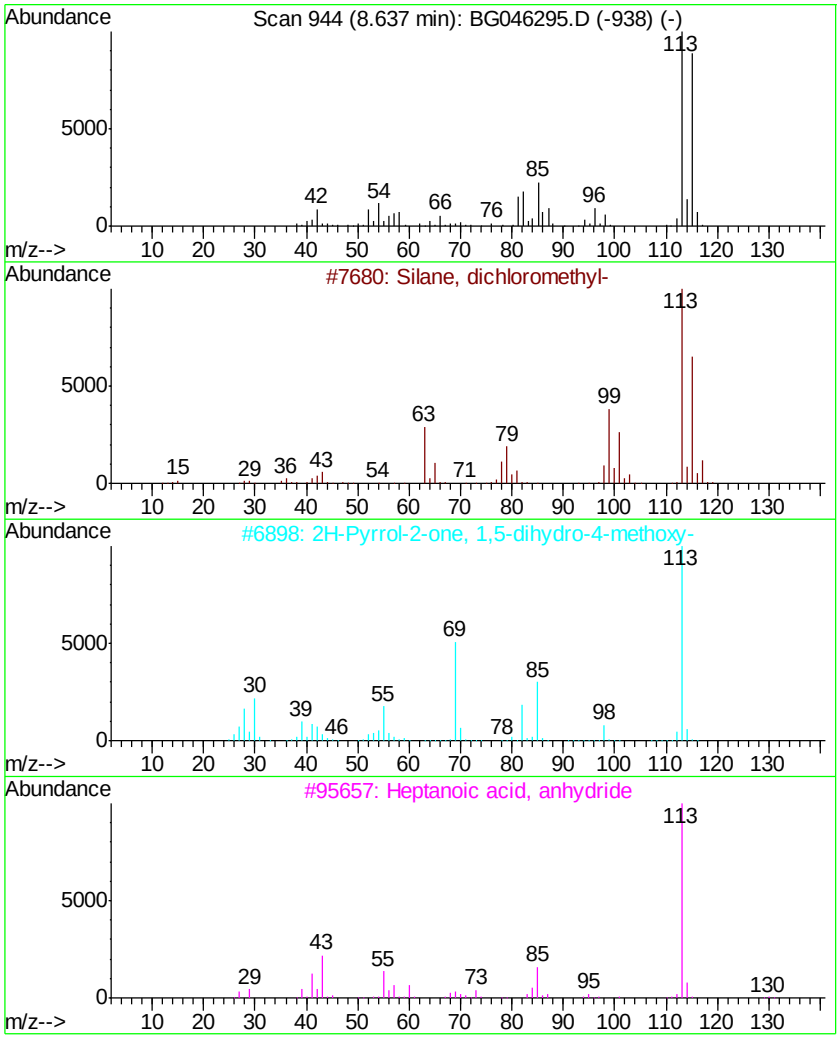
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

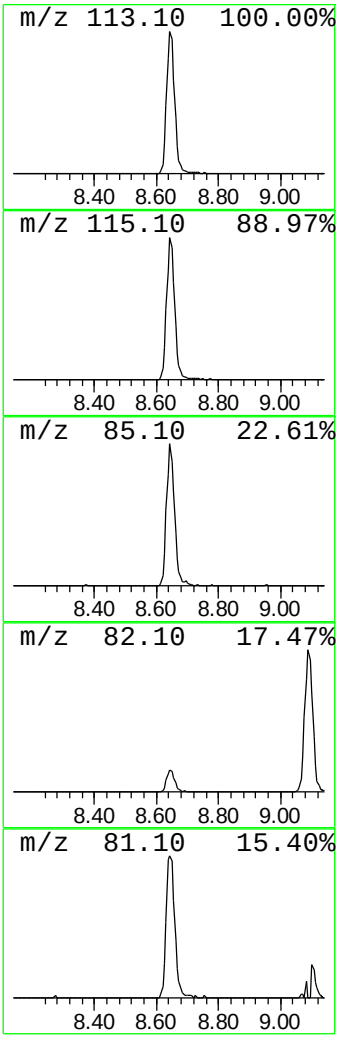
****

Peak Number 5 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	26.70 ng/ul	587462	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	27
5	Cyclohexanol, 4-methyl-1-(1-meth...	156	C10H20O	000470-65-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

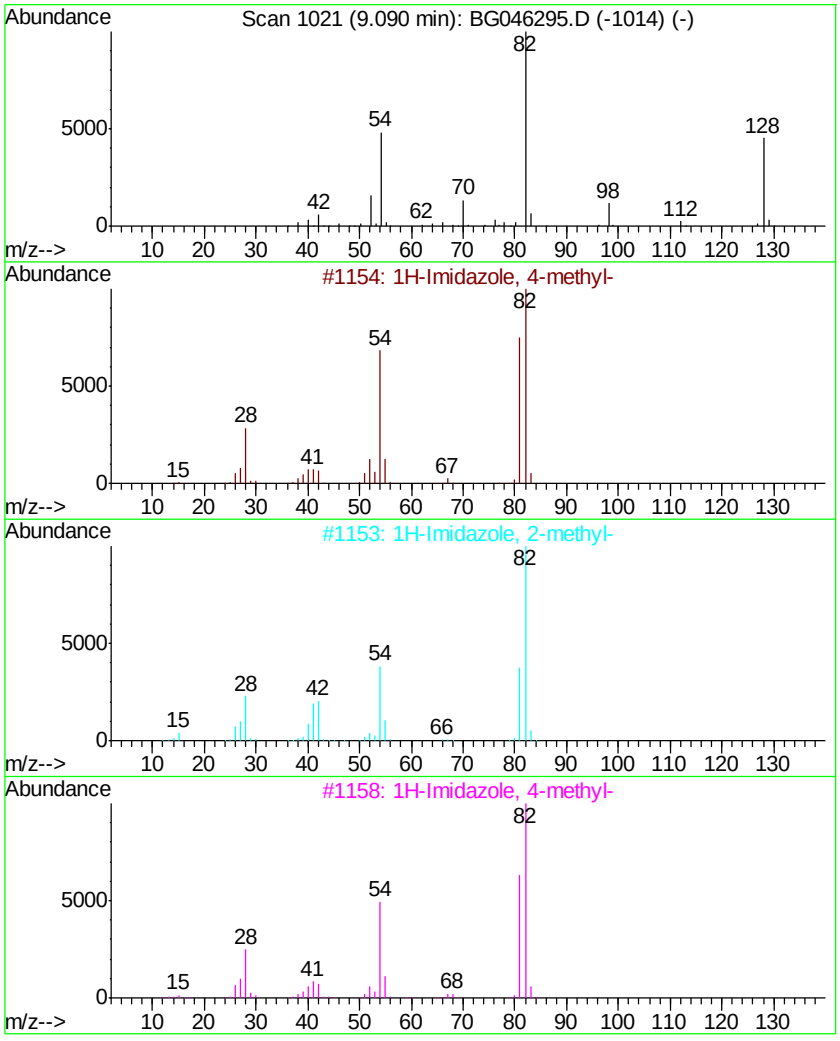
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

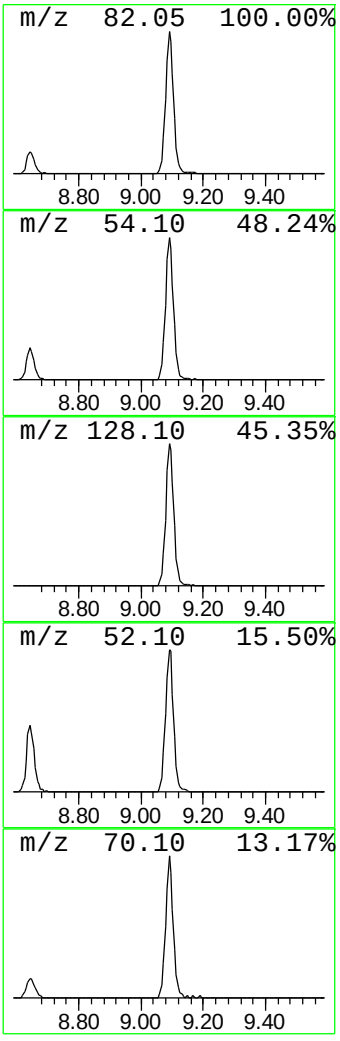
****

Peak Number 6 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	20.61 ng/ul	453453	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	47
2	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
3	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
5	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

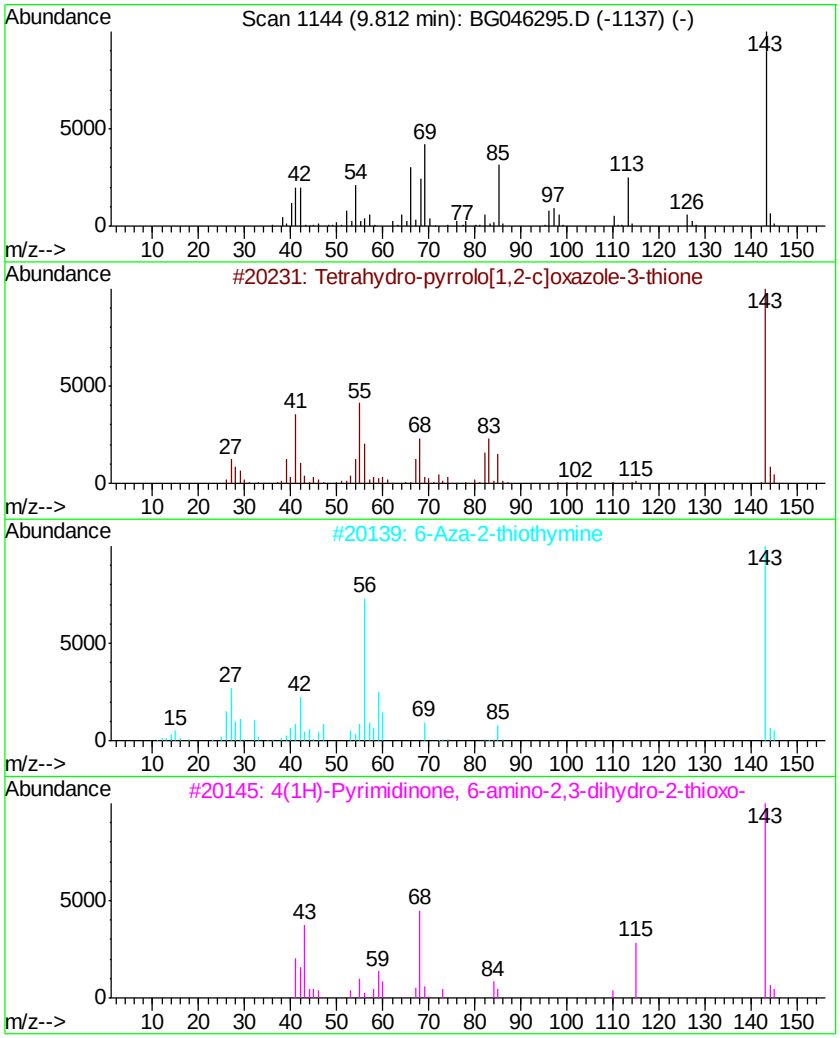
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

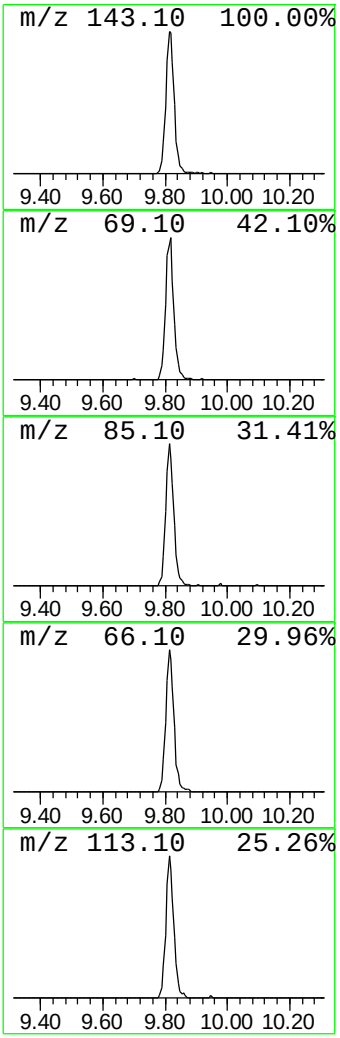
****

Peak Number 7 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	11.79 ng/ul	376489	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
2	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12
3	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	9
4	Quinoline, 6-methyl-	143	C10H9N	000091-62-3	9
5	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

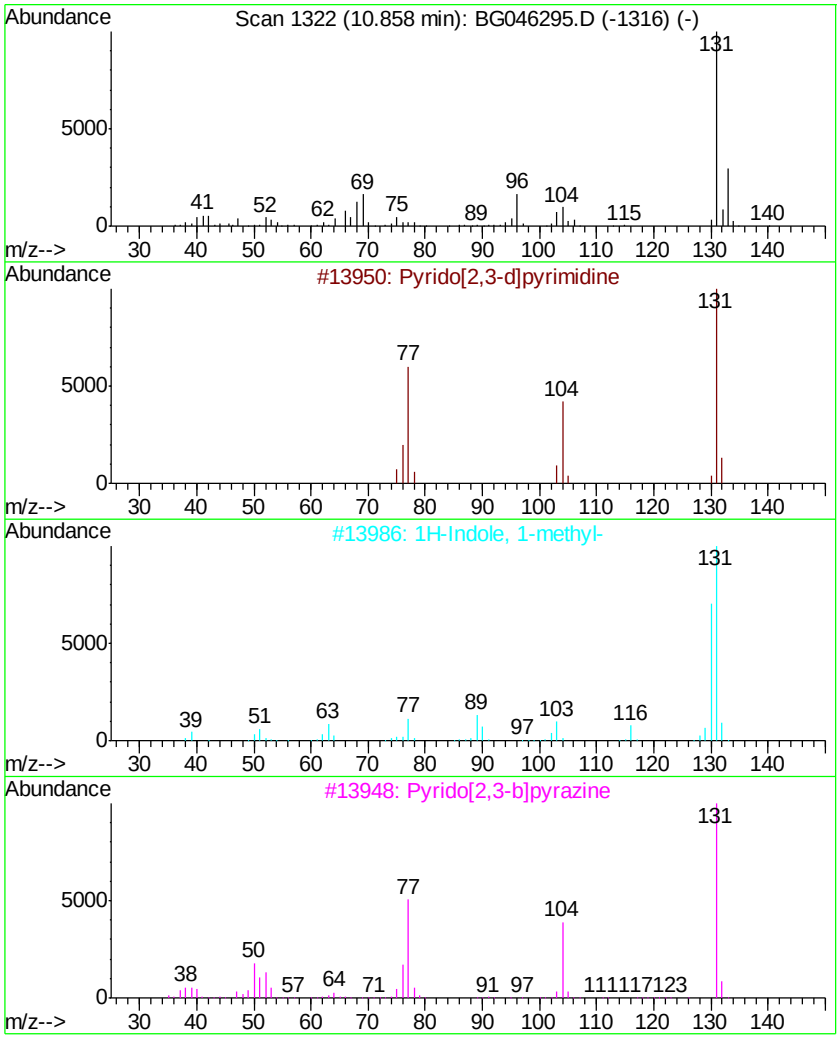
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

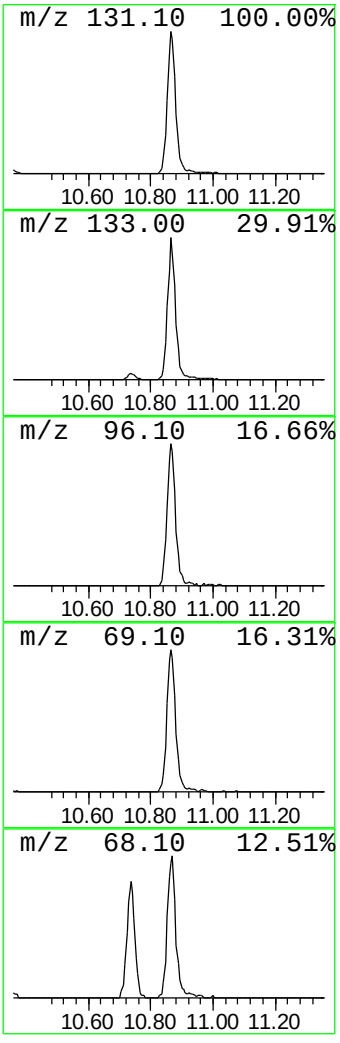
****

Peak Number 8 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	19.06 ng/ul	608978	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	42
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
3	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9
4	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
5	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

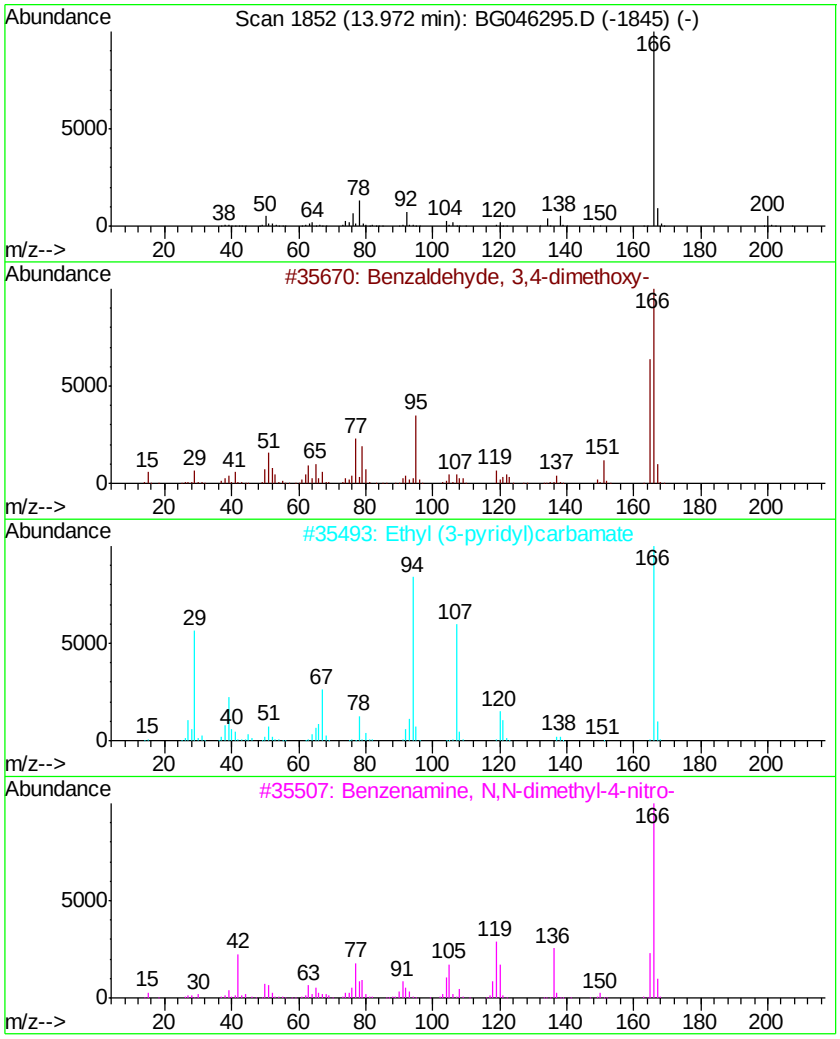
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

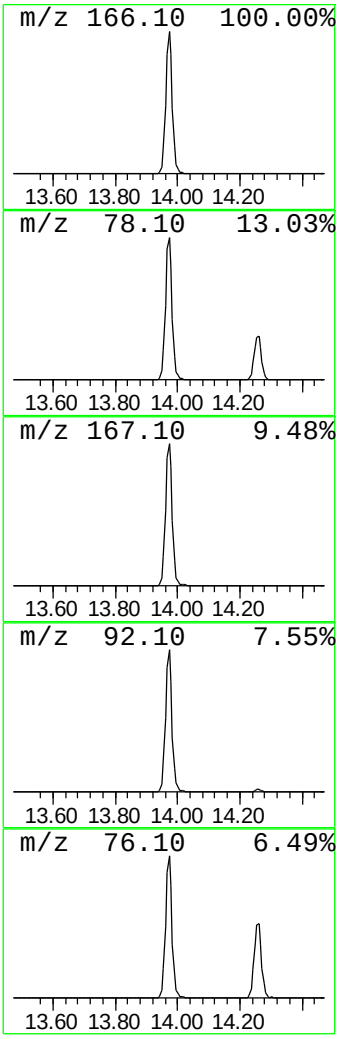
****

Peak Number 9 unknown-07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	21.88 ng/ul	1028500	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
3	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
4	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	9





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Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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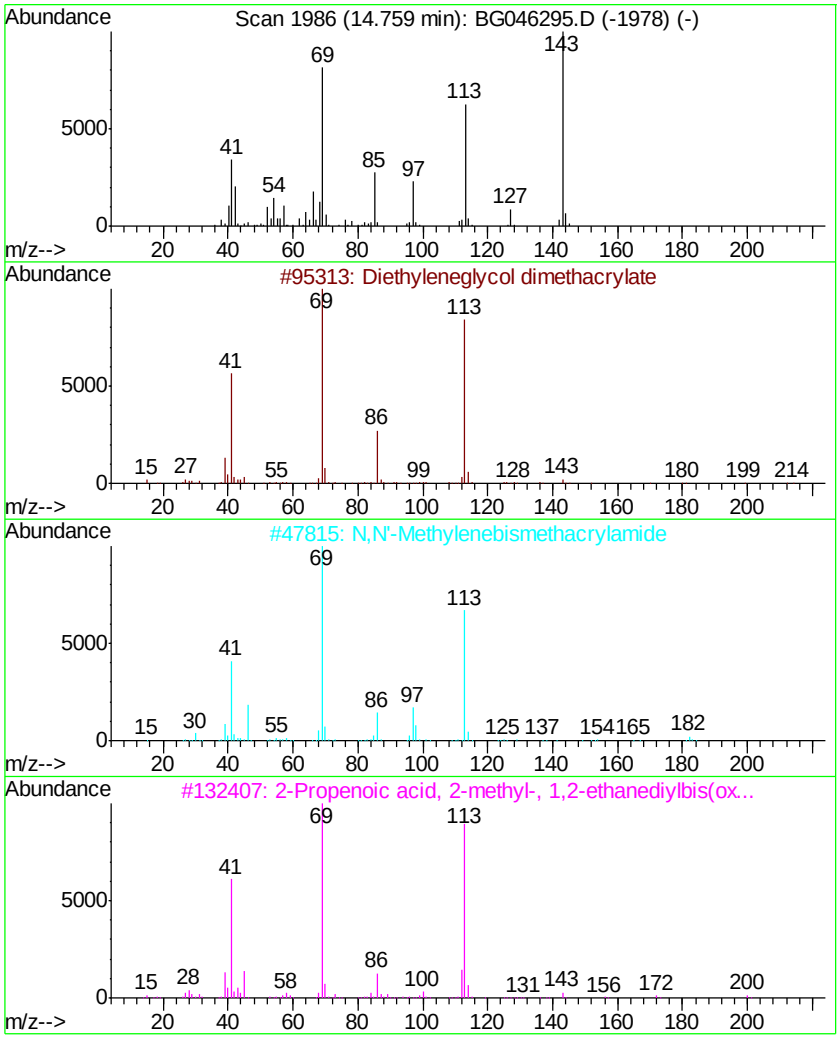
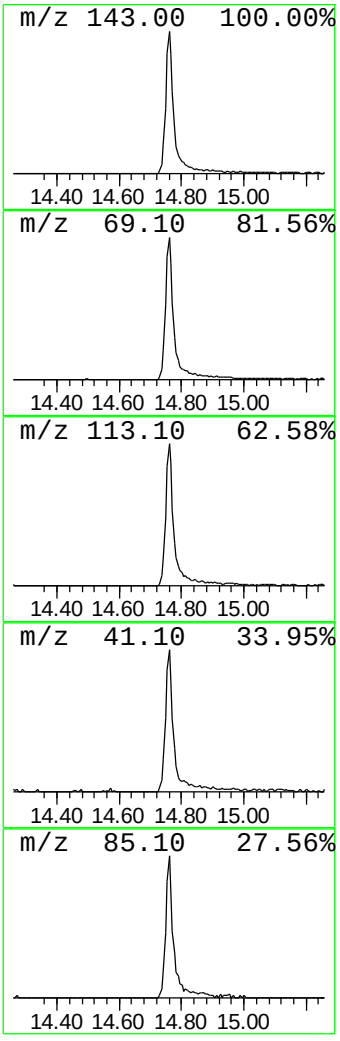
Peak Number 10 unknown-08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	8.26 ng/ul	388331	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	35
2	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
3	2-Propenoic acid, 2-methyl-, 1,2...	286	C14H22O6	000109-16-0	17
4	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
5	Phenol, 3-amino-2-chloro-	143	C6H6ClNO	056962-01-7	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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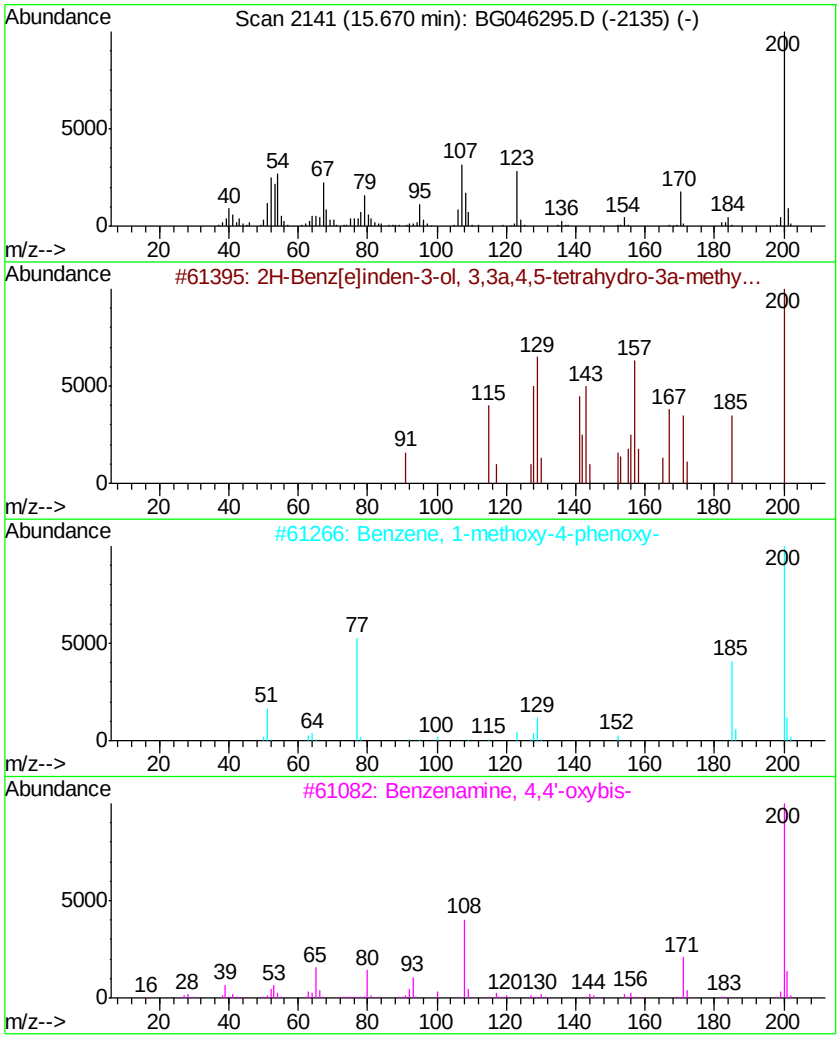
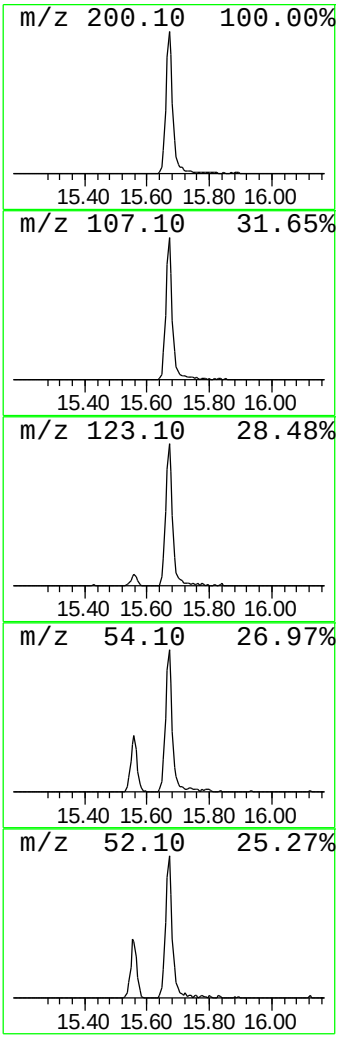
Peak Number 11 unknown-09 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	9.14 ng/ul	429749	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	35
2	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	22
3	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	14
4	1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	14
5	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046295.D
Acq On : 17 Aug 2020 13:09
Operator : CG/JU
Sample : PB130972BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA 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...	3.14	2.7	ng/ul	58763	1	7.94	439973	20.0
Hexanoic acid, 4-...	7.10	20.9	ng/ul	460017	1	7.94	439973	20.0
unknown-01	7.27	16.8	ng/ul	368766	1	7.94	439973	20.0
unknown-02	7.47	21.9	ng/ul	482953	1	7.94	439973	20.0
unknown-03	8.64	26.7	ng/ul	587462	1	7.94	439973	20.0
unknown-04	9.09	20.6	ng/ul	453453	1	7.94	439973	20.0
unknown-05	9.81	11.8	ng/ul	376489	2	10.73	638867	20.0
unknown-06	10.86	19.1	ng/ul	608978	2	10.73	638867	20.0
unknown-07	13.97	21.9	ng/ul	1028500	3	14.57	940214	20.0
unknown-08	14.76	8.3	ng/ul	388331	3	14.57	940214	20.0
unknown-09	15.67	9.1	ng/ul	429749	3	14.57	940214	20.0