LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046394.D
Acq On : 21 Aug 2020 1:59
Operator : CG/JU
Sample : PB131000BL
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK00

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	3.141	5	9	21	rVB	41979	73653	2.77%	0.293%
2	3.241	22	26	35	rVB2	10064	20090	0.76%	0.080%
3	3.399	49	53	64	rVB2	24032	39443	1.48%	0.157%
4	4.145	174	180	184	rBV3	3668	5621	0.21%	0.022%
5	7.113	678	685	698	rBV	359364	627317	23.58%	2.494%
6	7.265	704	711	724	rBV	280115	469984	17.67%	1.868%
7	7.477	739	747	763	rBV	372028	647715	24.35%	2.575%
8	7.941	819	826	835	rBV	265456	446495	16.78%	1.775%
9	8.646	939	946	962	rBV	458826	794036	29.85%	3.156%
10	9.093	1014	1022	1034	rBV	334538	597276	22.45%	2.374%
11	9.815	1136	1145	1155	rBV	292688	525538	19.75%	2.089%
12	10.362	1228	1238	1261	rBV	467698	866201	32.56%	3.443%
13	10.738	1294	1302	1310	rBV	387342	671420	25.24%	2.669%
14	10.867	1316	1324	1336	rBV	437238	815187	30.64%	3.240%
15	12.324	1567	1572	1579	rBV2	6502	11742	0.44%	0.047%
16	13.975	1844	1853	1869	rBV	866513	1288352	48.42%	5.121%
17	14.263	1894	1902	1913	rBV	1001578	1620878	60.92%	6.443%
18	14.569	1947	1954	1965	rBV	632584	975103	36.65%	3.876%
19	14.768	1981	1988	2002	rBV	314322	555347	20.87%	2.207%
20	14.927	2012	2015	2021	rVB7	2498	4260	0.16%	0.017%
21	15.562	2114	2123	2131	rBV	1332753	2030359	76.31%	8.070%
22	15.679	2137	2143	2154	rBV	358708	527268	19.82%	2.096%
23	15.797	2157	2163	2168	rVB2	15100	22537	0.85%	0.090%
24	16.343	2251	2256	2261	rVB3	6185	8058	0.30%	0.032%
25	17.095	2379	2384	2389	rBV3	3729	6213	0.23%	0.025%
26	17.312	2412	2421	2431	rBV	789306	1188603	44.68%	4.725%
27	17.412	2431	2438	2452	rVV	1425097	2202001	82.77%	8.753%
28	18.952	2697	2700	2703	rBV4	2630	4189	0.16%	0.017%
29	19.334	2760	2765	2770	rBV	19796	28191	1.06%	0.112%
30	19.392	2774	2775	2778	rVB3	3639	3447	0.13%	0.014%
31	19.422	2778	2780	2781	rBV	4008	3543	0.13%	0.014%
32	19.533	2796	2799	2801	rBV4	3683	3654	0.14%	0.015%
33	19.580	2804	2807	2812	rVV	18580	25293	0.95%	0.101%
34	19.698	2820	2827	2839	rBV	1768006	2660511	100.00%	10.575%

LSC Area Percent Report

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Acq On : 21 Aug 2020 1:59
Operator : CG/JU
Sample : PB131000BL
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK00

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	21.560	3137	3144	3153	rBV	827285	1341967	50.44%	5.334%
36	24.457	3627	3637	3652	rBV	970567	2644669	99.40%	10.512%
37	24.668	3664	3673	3690	rVB	479352	1401900	52.69%	5.572%

Sum of corrected areas: 25158061

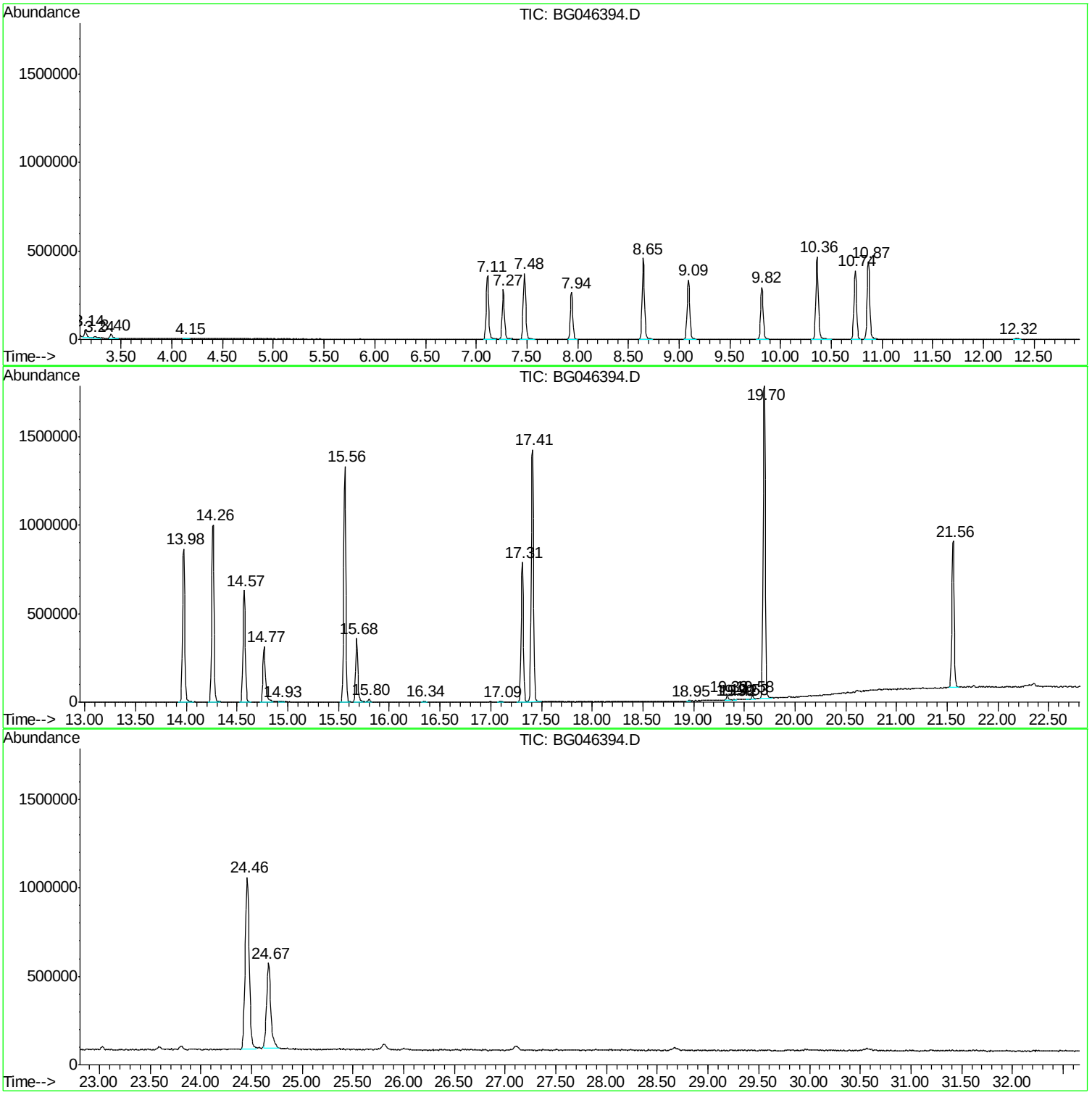
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046394.D
Acq On : 21 Aug 2020 1:59
Operator : CG/JU
Sample : PB131000BL
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK00

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046394.D
Acq On : 21 Aug 2020 1:59
Operator : CG/JU
Sample : PB131000BL
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK00

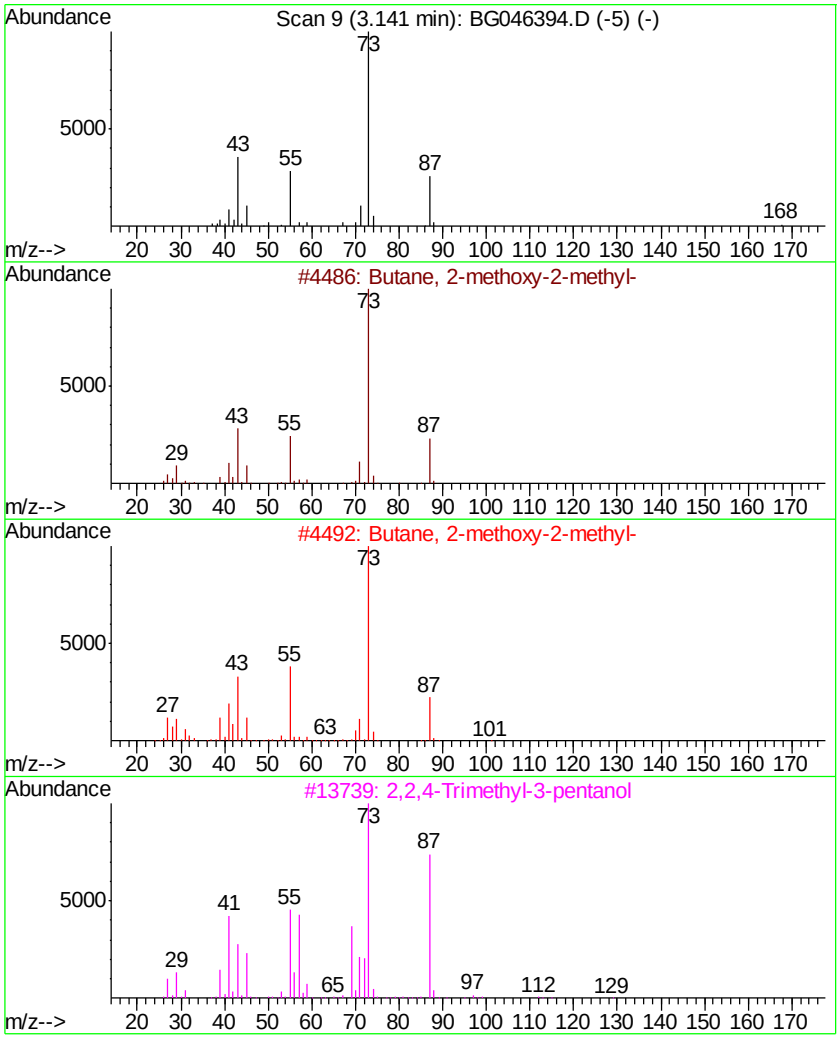
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

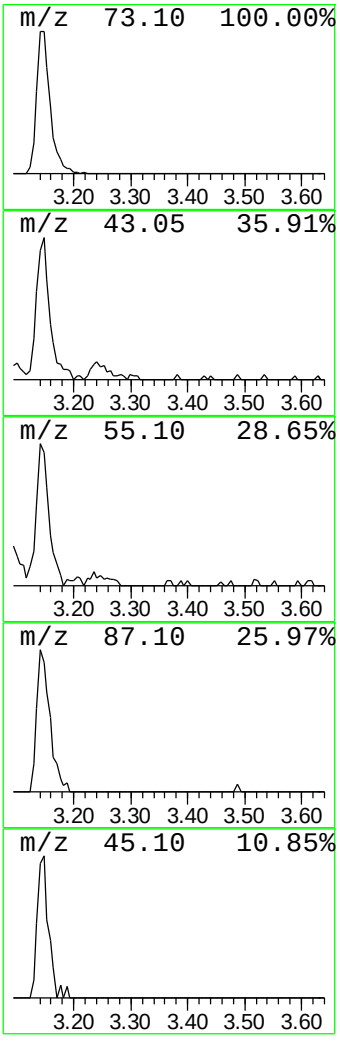
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	3.30 ng/ul	73653	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046394.D
Acq On : 21 Aug 2020 1:59
Operator : CG/JU
Sample : PB131000BL
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK00

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

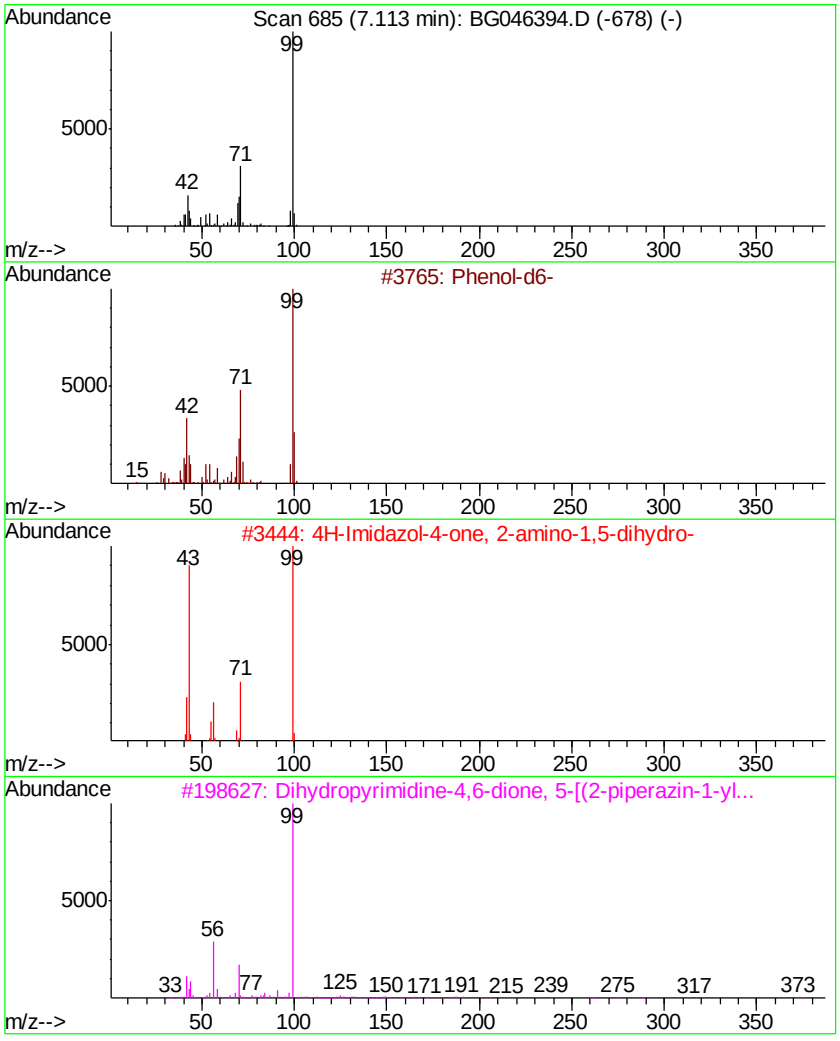
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

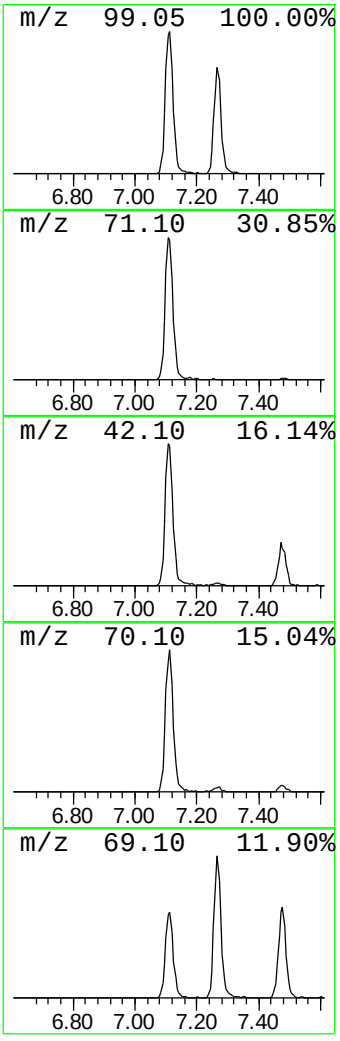
****

Peak Number 2 4H-Imidazol-4-one, 2-amino-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	28.10 ng/ul	627317	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol-d6-	100	C6D6O	013127-88-3	64
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	59
3	Dihydropyrimidine-4,6-dione, 5-[...	373	C18H23N5O2S	1000304-28-2	40
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	39
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046394.D
Acq On : 21 Aug 2020 1:59
Operator : CG/JU
Sample : PB131000BL
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK00

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

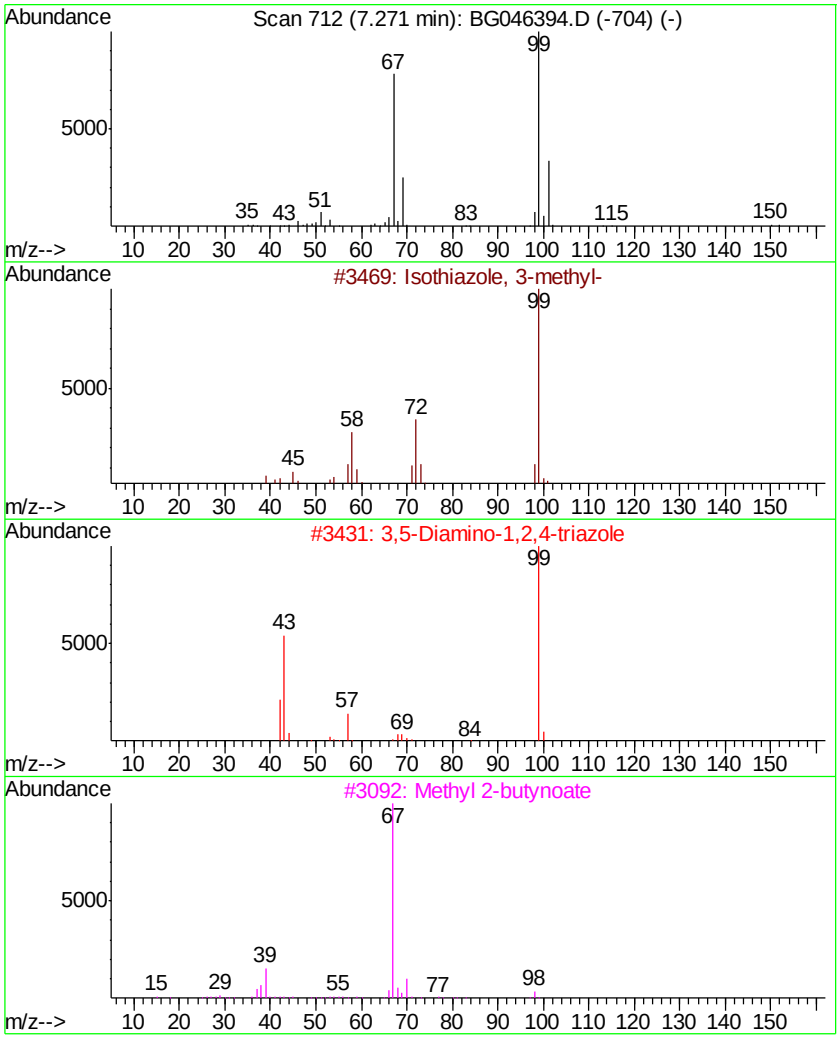
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

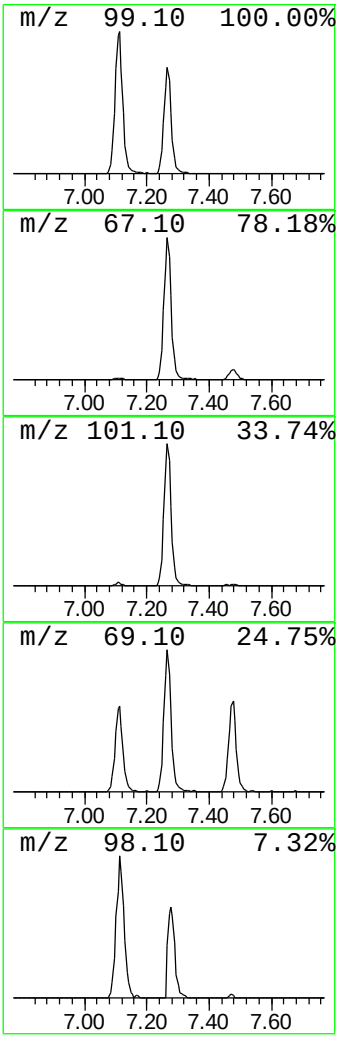
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	21.05 ng/ul	469984	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	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
4	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
5	Succinimide	99	C4H5NO2	000123-56-8	5





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046394.D
Acq On : 21 Aug 2020 1:59
Operator : CG/JU
Sample : PB131000BL
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK00

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

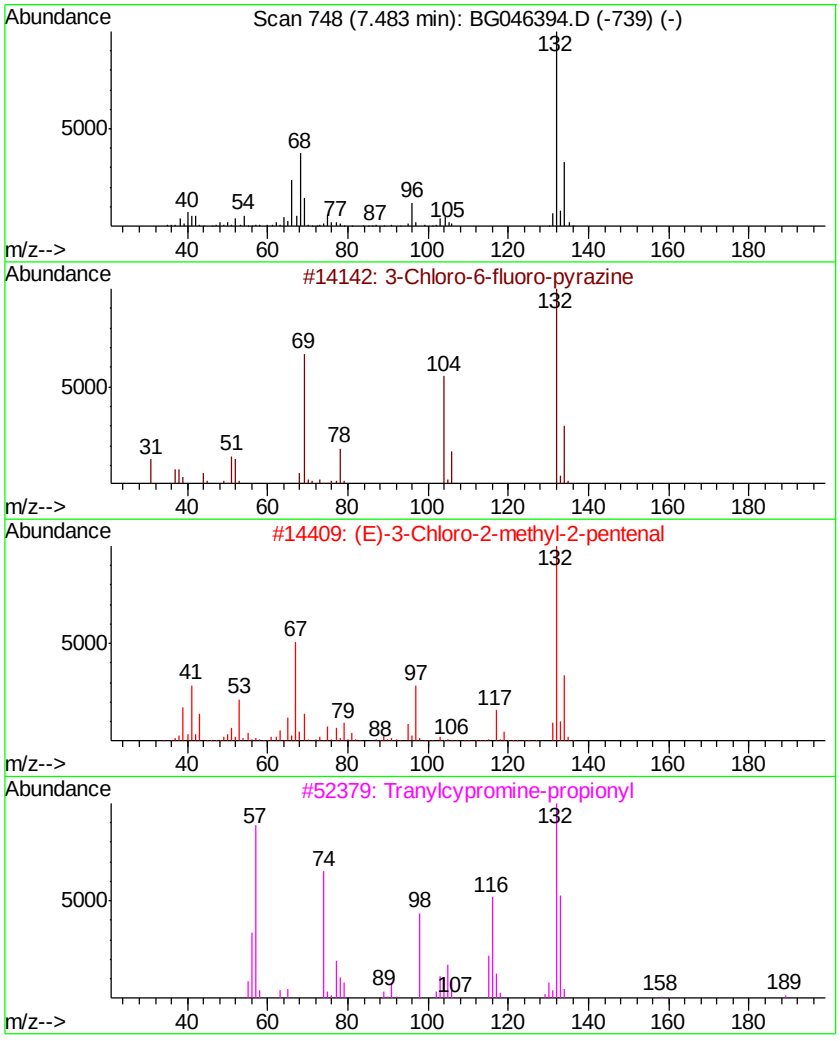
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

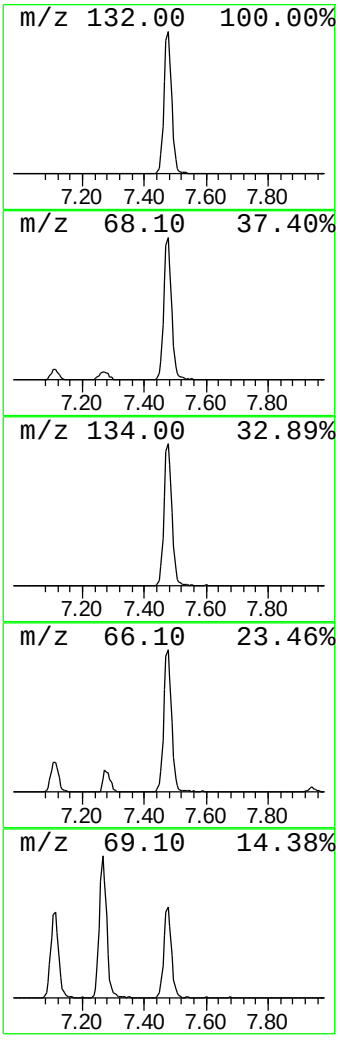
****

Peak Number 4 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	29.01 ng/ul	647715	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046394.D
Acq On : 21 Aug 2020 1:59
Operator : CG/JU
Sample : PB131000BL
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK00

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

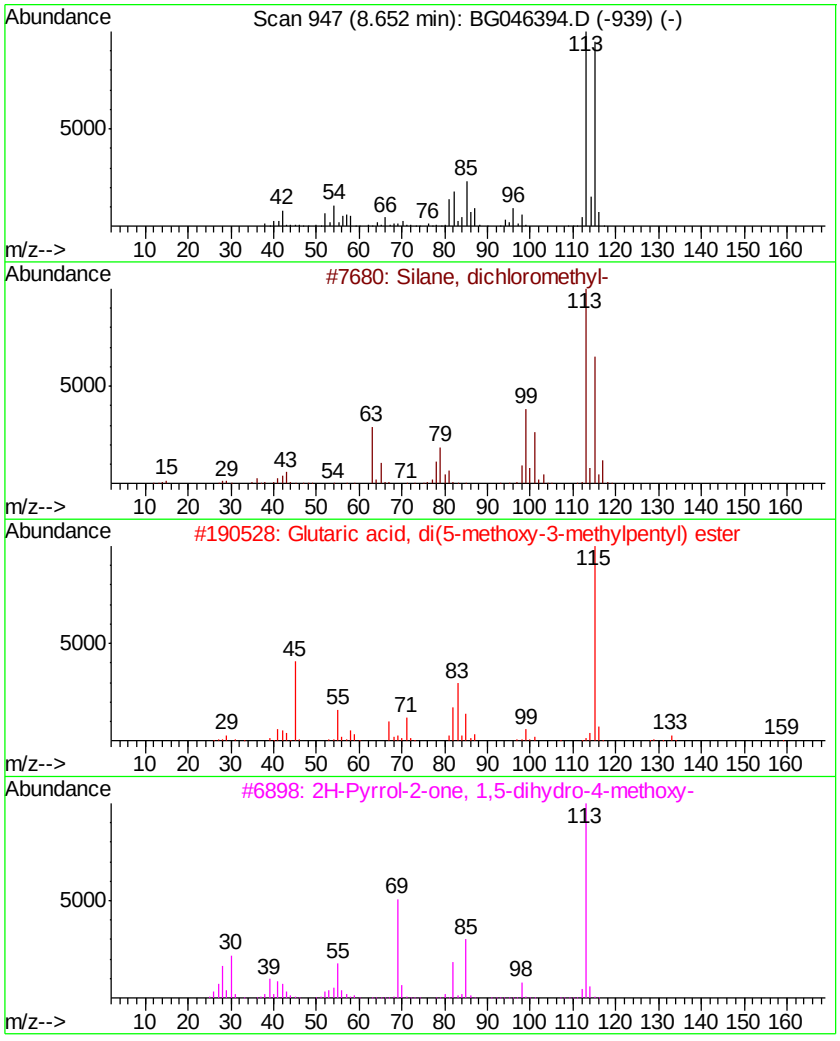
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

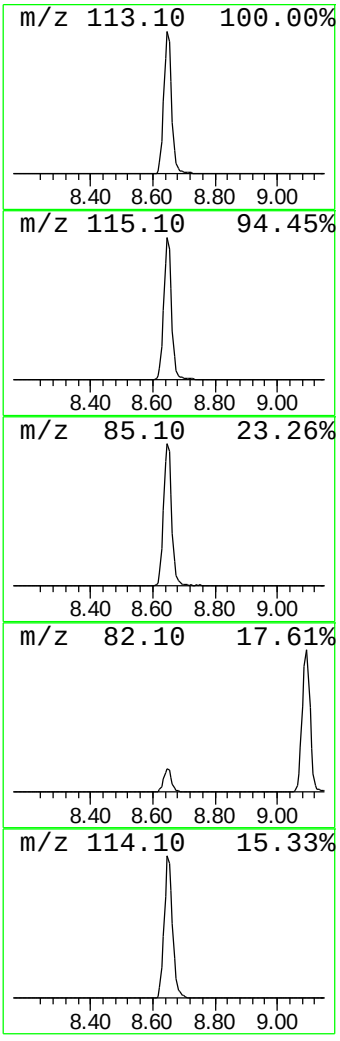
****

Peak Number 5 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	35.57 ng/ul	794036	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	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	35
3	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
4	.alpha.-Methyl-.alpha.-propylsuc...	155	C8H13NO2	001497-19-4	27
5	1,3-Dioxepane, 5-methyl-2-pentad...	326	C21H42O2	056599-34-9	27





Library Search Compound Report

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Data File : BG046394.D
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Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK00

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

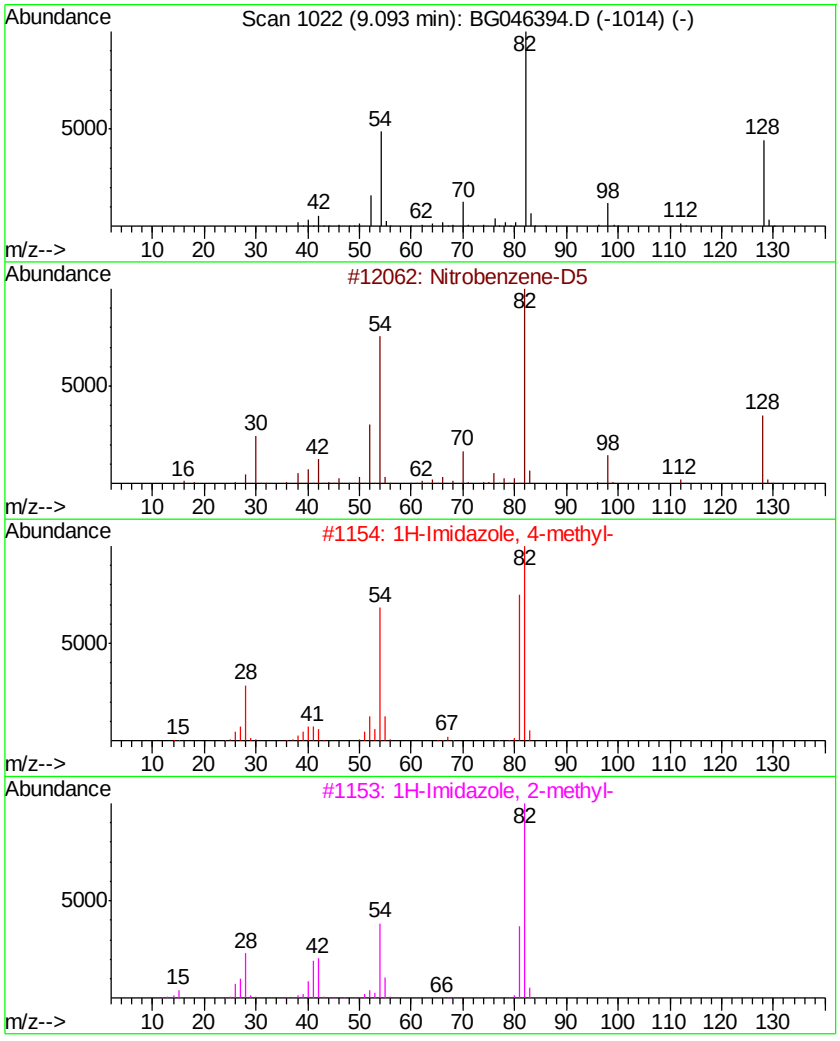
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

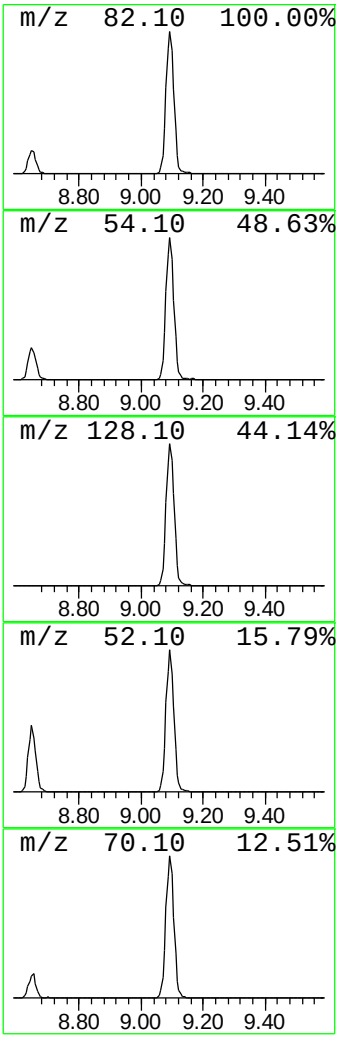
****

Peak Number 6 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	26.75 ng/ul	597276	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	64
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	47
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	28
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046394.D
Acq On : 21 Aug 2020 1:59
Operator : CG/JU
Sample : PB131000BL
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK00

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

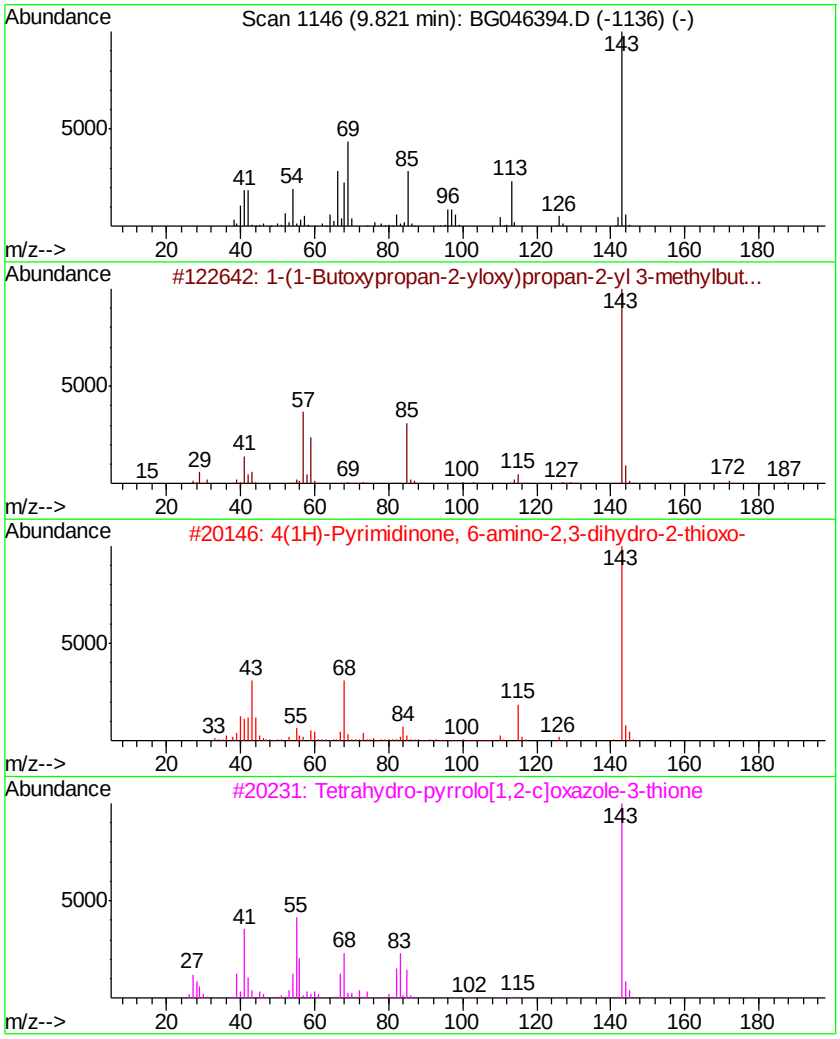
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

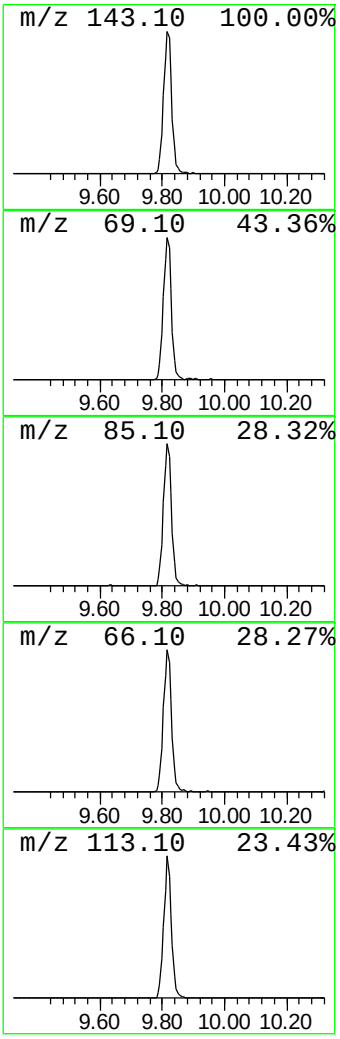
****

Peak Number 7 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	15.65 ng/ul	525538	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	27
2	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	27
3	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
4	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	12
5	2,3-Dimethyl-5-methylamino-1,3,4...	143	C5H9N3S	1000288-97-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046394.D
Acq On : 21 Aug 2020 1:59
Operator : CG/JU
Sample : PB131000BL
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK00

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

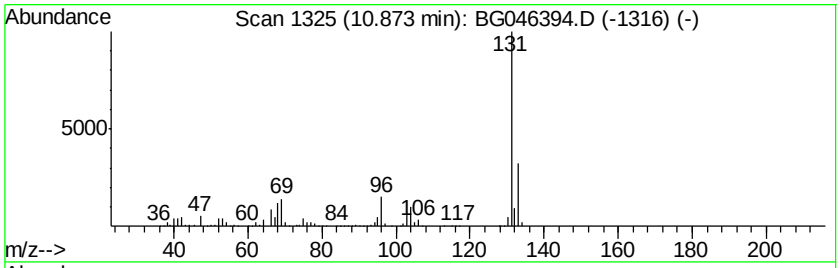
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

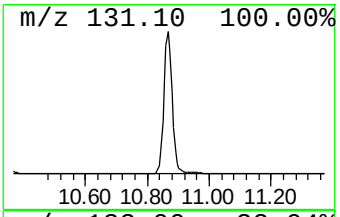
****

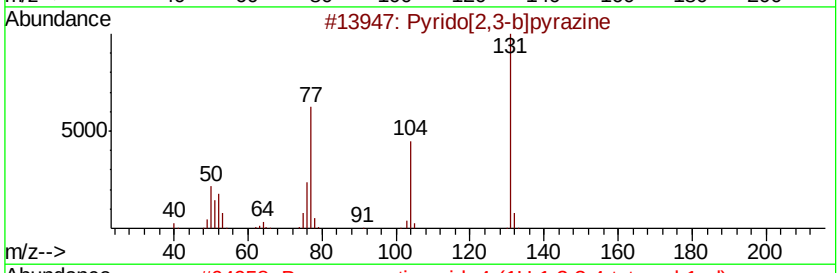
Peak Number 8 unknown-06 Concentration Rank 6

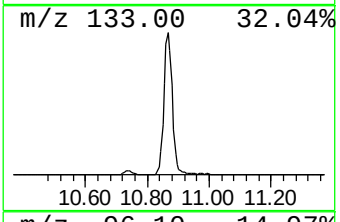
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	24.28 ng/ul	815187	Naphthalene-d8	10.74

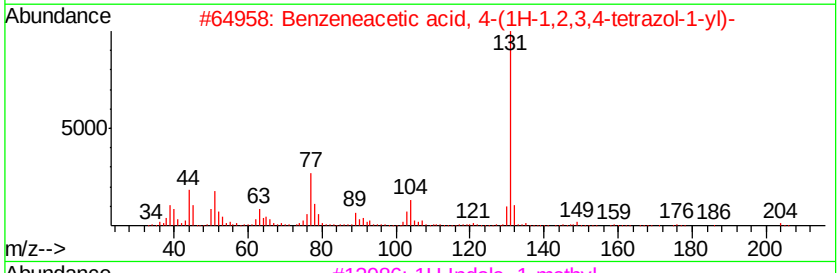
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
2	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
4	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	9
5	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	9

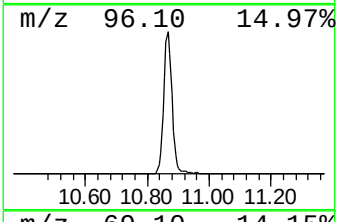


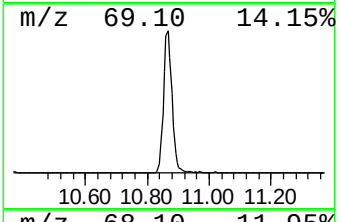


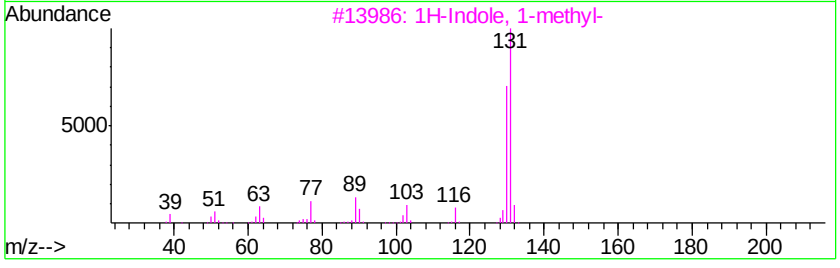


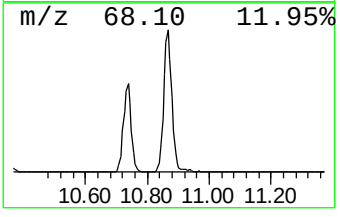












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046394.D
Acq On : 21 Aug 2020 1:59
Operator : CG/JU
Sample : PB131000BL
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK00

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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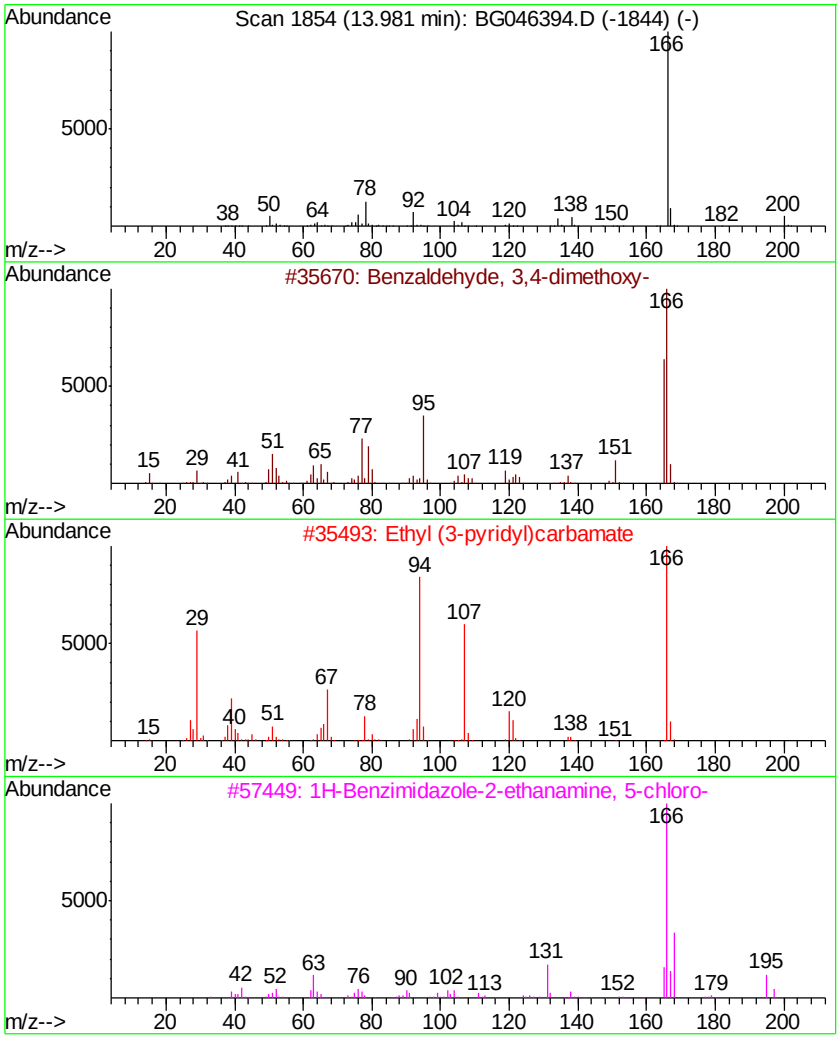
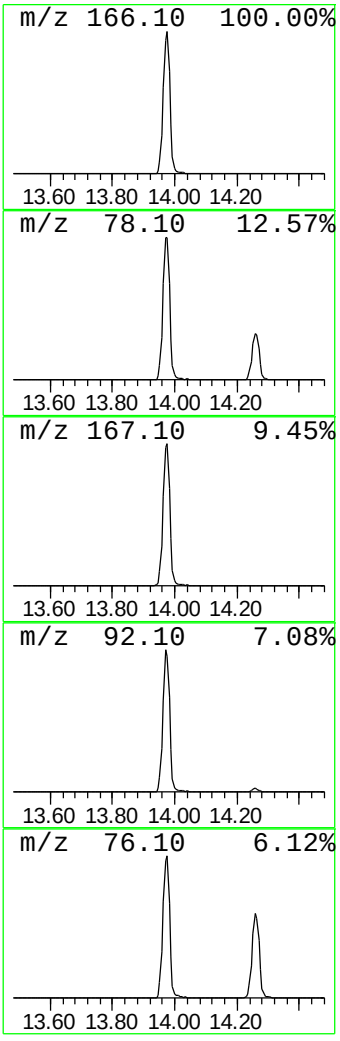
Peak Number 9 unknown-07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	26.42 ng/ul	1288350	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	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
4	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046394.D
Acq On : 21 Aug 2020 1:59
Operator : CG/JU
Sample : PB131000BL
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK00

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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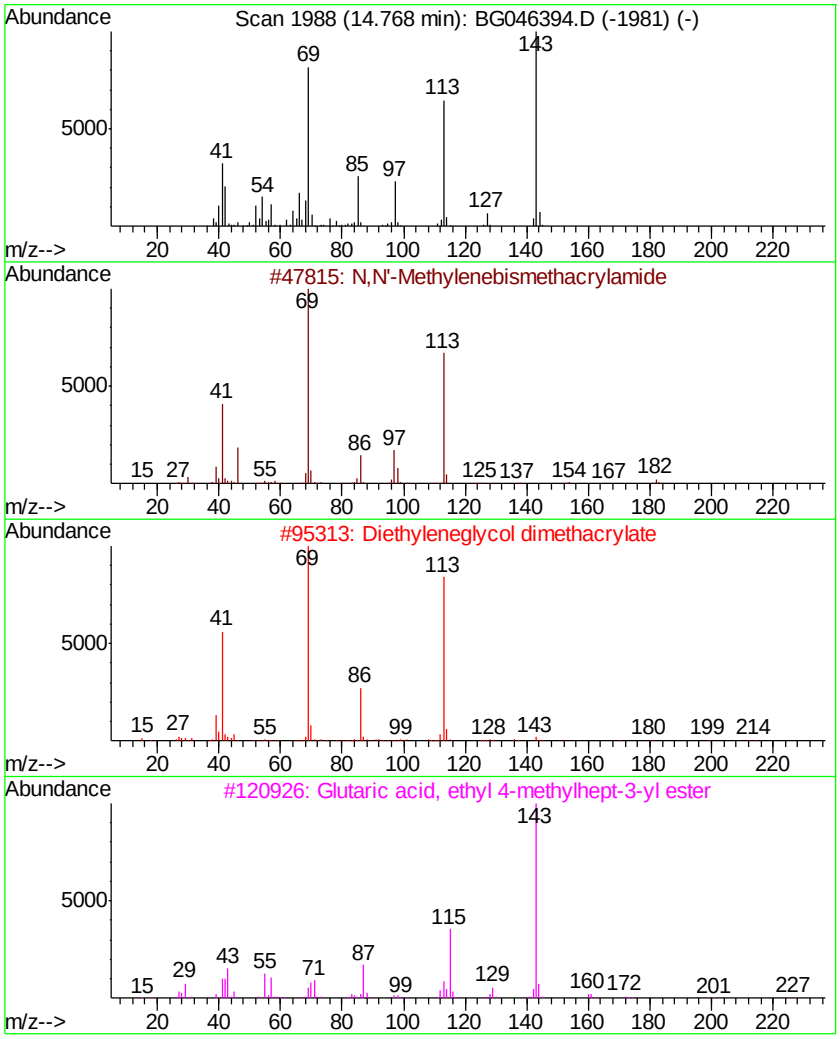
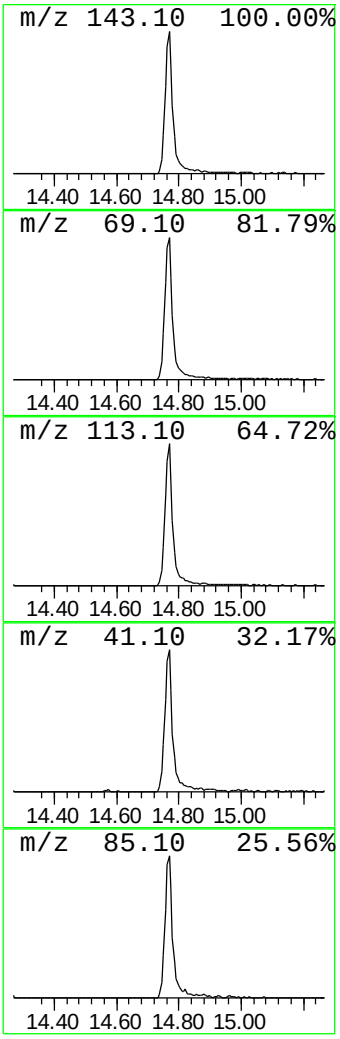
Peak Number 10 unknown-08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	11.39 ng/ul	555347	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
2	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	25
3	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	16
5	2-Naphthalenamine	143	C10H9N	000091-59-8	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046394.D
Acq On : 21 Aug 2020 1:59
Operator : CG/JU
Sample : PB131000BL
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK00

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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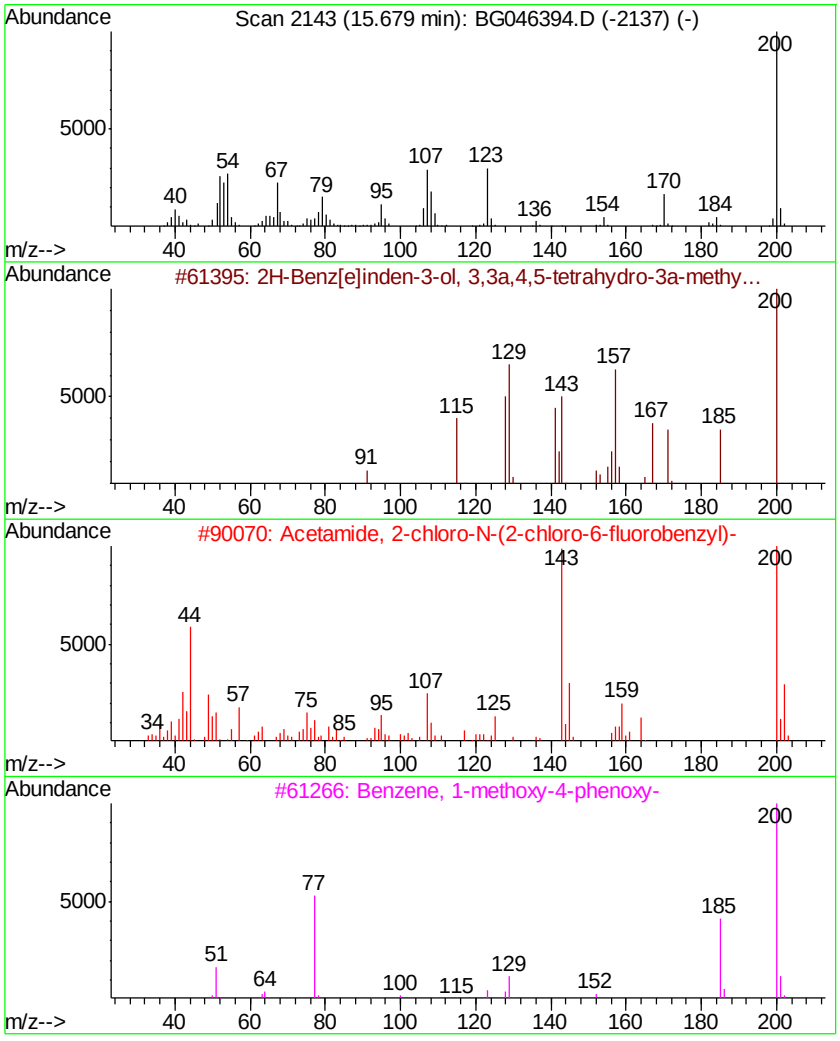
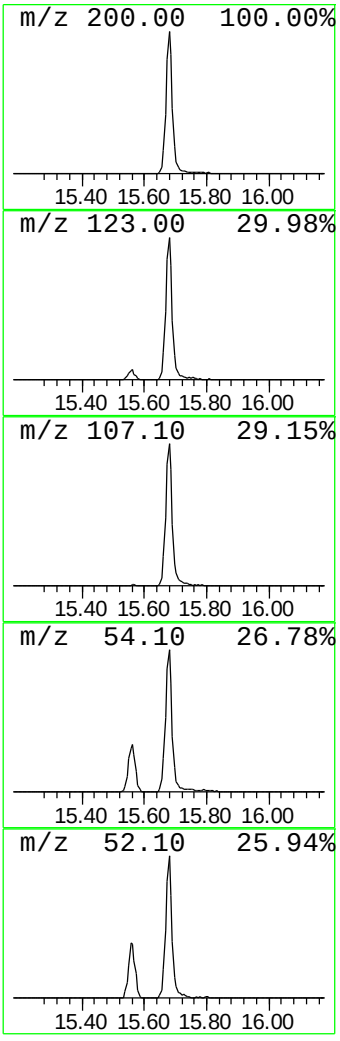
Peak Number 11 unknown-09 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	10.81 ng/ul	527268	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	38
2	Acetamide, 2-chloro-N-(2-chloro-...	235	C9H8Cl2FNO	1000268-05-5	32
3	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	22
4	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	22
5	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046394.D
Acq On : 21 Aug 2020 1:59
Operator : CG/JU
Sample : PB131000BL
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK00

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	3.3	ng/ul	73653	1	7.94	446495	20.0
4H-Imidazol-4-one...	7.11	28.1	ng/ul	627317	1	7.94	446495	20.0
unknown-01	7.27	21.1	ng/ul	469984	1	7.94	446495	20.0
unknown-02	7.48	29.0	ng/ul	647715	1	7.94	446495	20.0
unknown-03	8.65	35.6	ng/ul	794036	1	7.94	446495	20.0
unknown-04	9.09	26.8	ng/ul	597276	1	7.94	446495	20.0
unknown-05	9.82	15.7	ng/ul	525538	2	10.74	671420	20.0
unknown-06	10.87	24.3	ng/ul	815187	2	10.74	671420	20.0
unknown-07	13.98	26.4	ng/ul	1288350	3	14.57	975103	20.0
unknown-08	14.77	11.4	ng/ul	555347	3	14.57	975103	20.0
unknown-09	15.68	10.8	ng/ul	527268	3	14.57	975103	20.0