

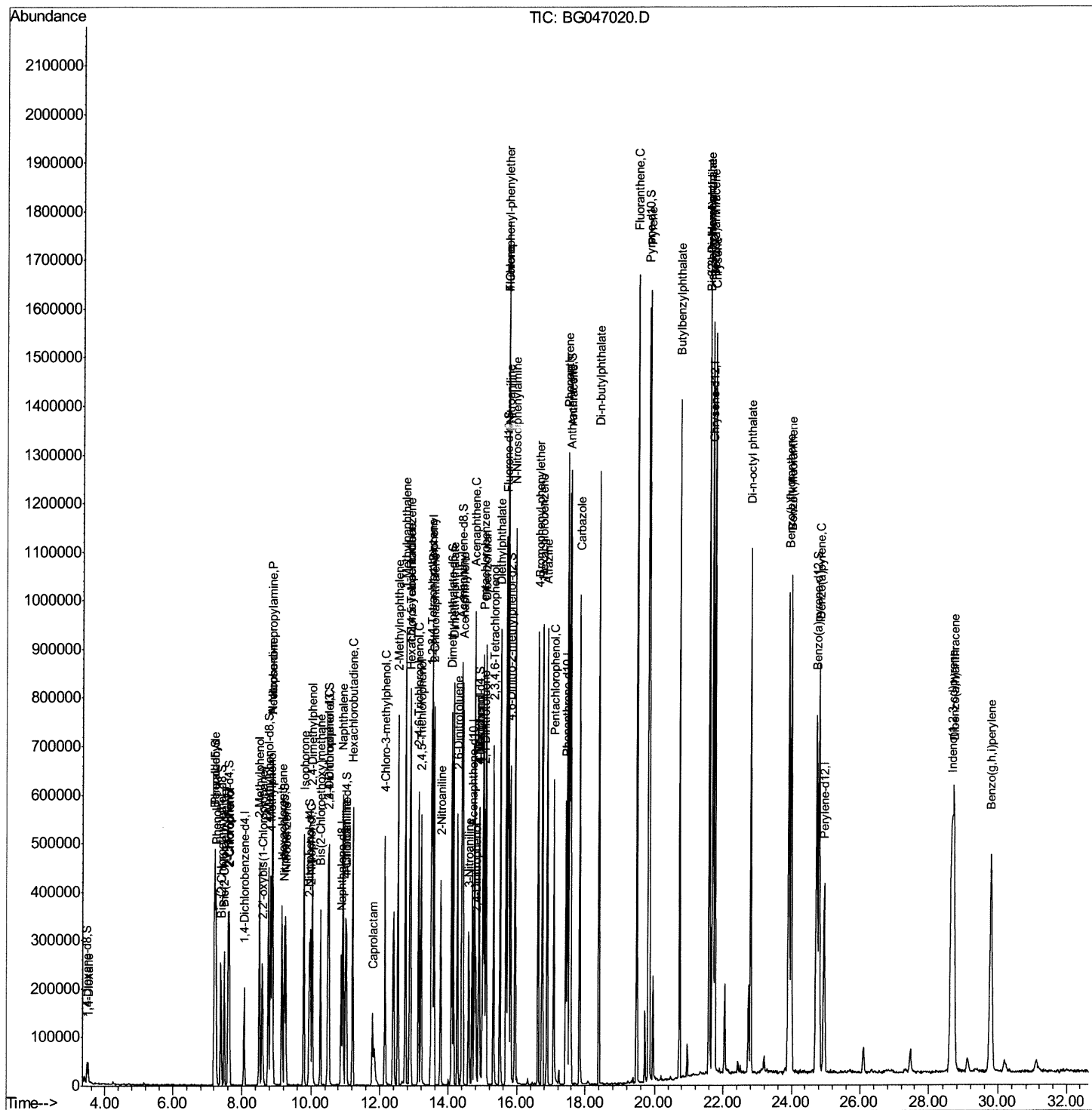
```
Data Path   : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\  
Data File   : BG047020.D  
Acq On      : 21 Oct 2020   21:16  
Operator    : CG/JU  
Sample      : SSTD04026  
Misc        : GCMS CONFIRMATION  
ALS Vial    : 5      Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
SSTD04026

Manual Integrations

mohammad
10/26/2020 10:31:37 AM

Quant Time: Oct 22 05:20:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:01:00 2020
Response via : Initial Calibration



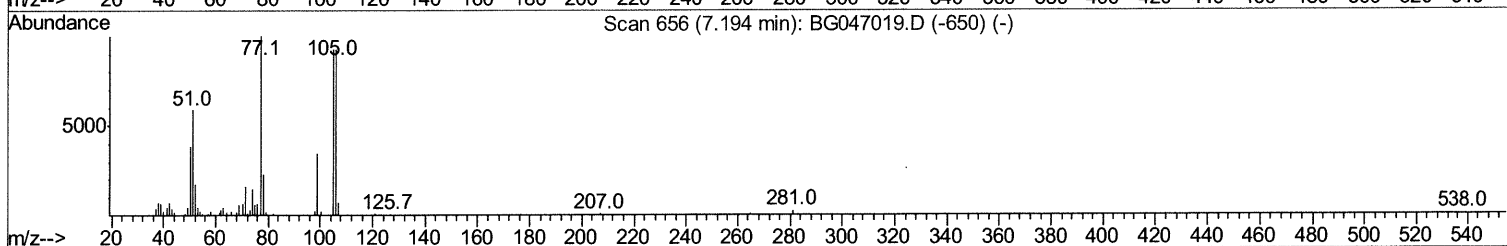
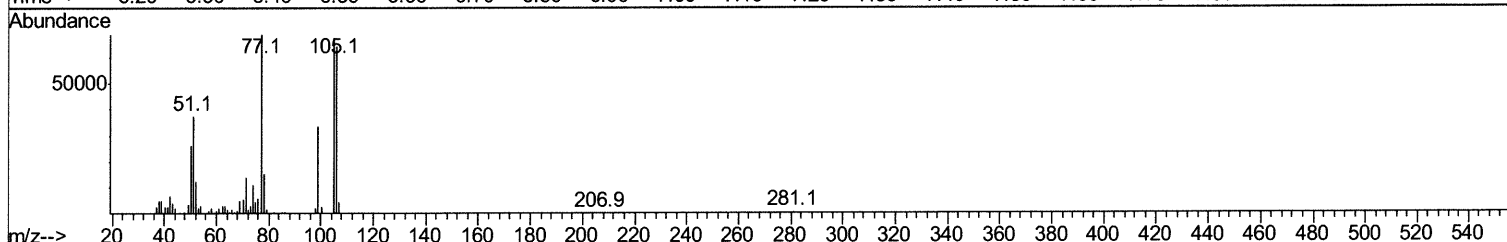
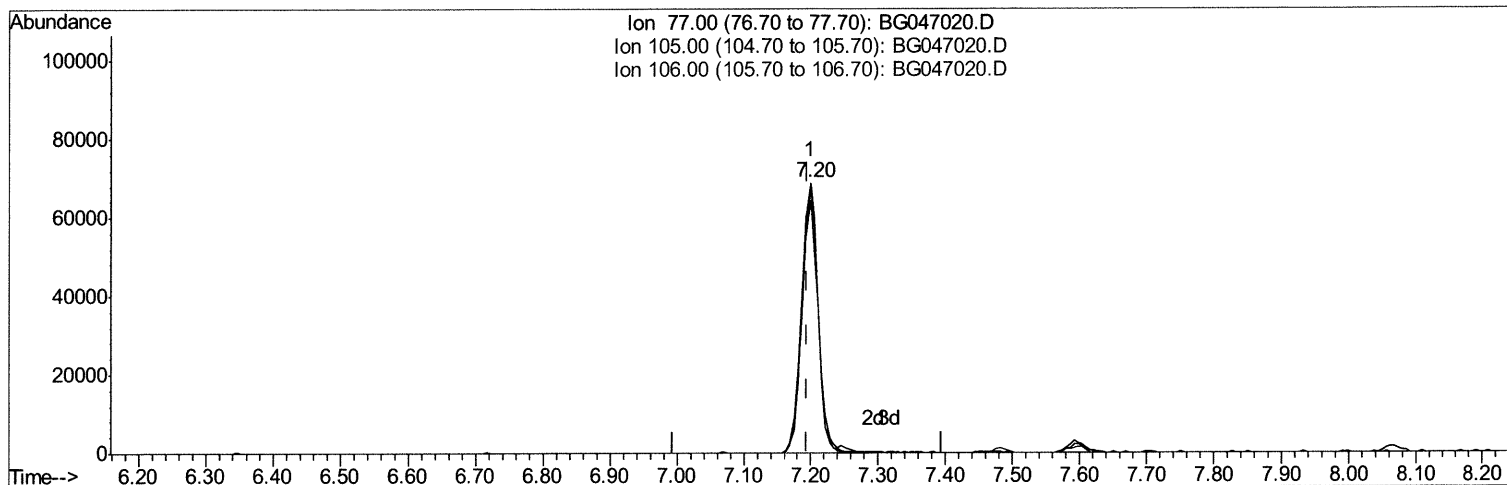
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047020.D
Acq On : 21 Oct 2020 21:16
Operator : CG/JU
Sample : SSTD04026
Misc : GCMS CONFIRMATION
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04026

Manual Integrations
APPROVED

mohammad
10/26/2020 10:31:37 AM

Quant Time: Oct 22 05:03:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:01:00 2020
Response via : Initial Calibration



TIC: BG047020.D

(4) Benzaldehyde

7.198min (+0.004) 40.85ng/ul

response 118640

Ion	Exp%	Act%
77.00	100	100
105.00	93.40	97.76
106.00	92.80	93.52
0.00	0.00	0.00

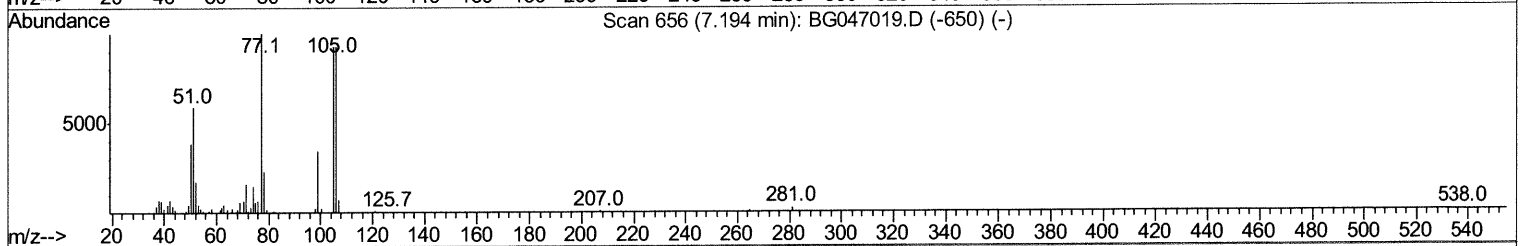
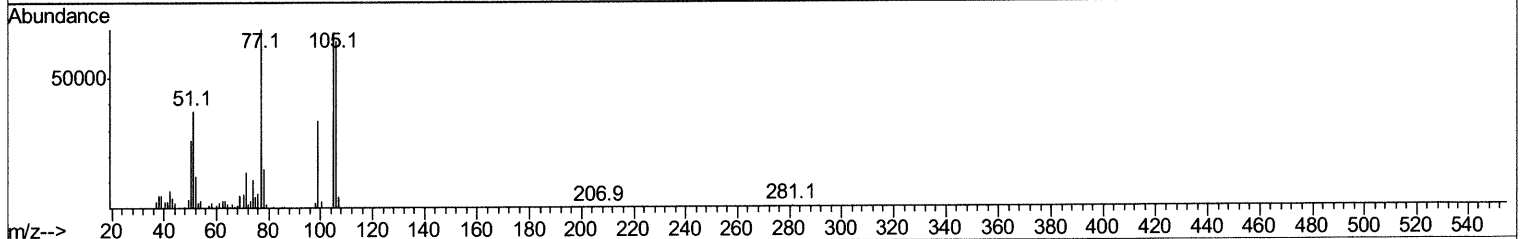
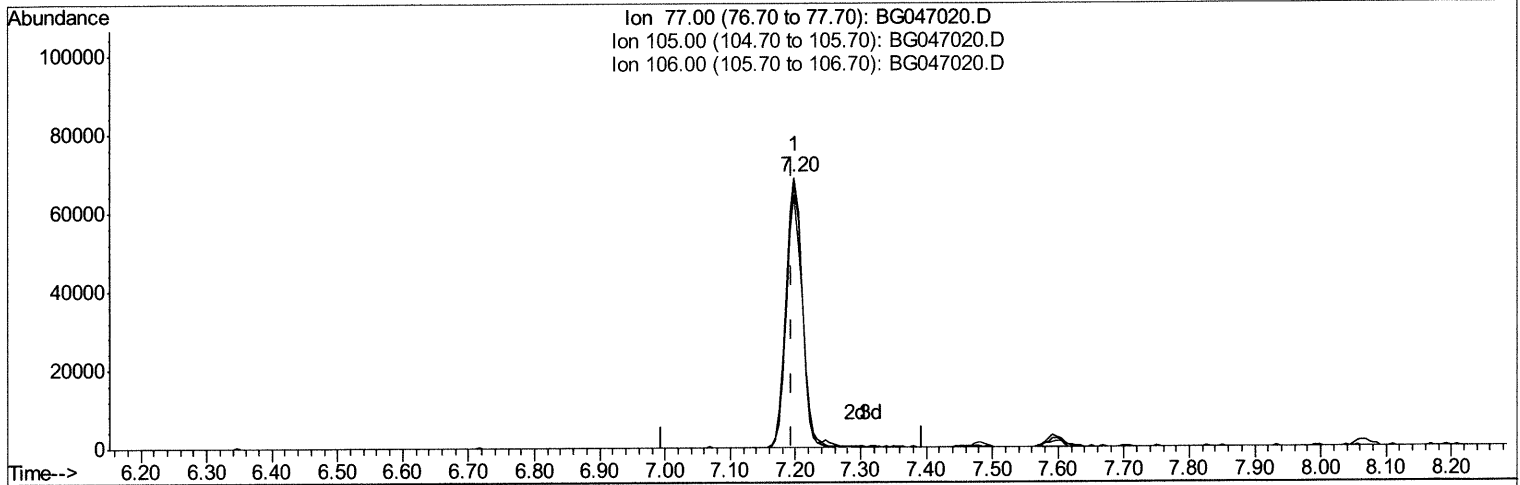
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047020.D
Acq On : 21 Oct 2020 21:16
Operator : CG/JU
Sample : SSTD04026
Misc : GCMS CONFIRMATION
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04026

Manual Integrations
APPROVED

mohammad
10/26/2020 10:31:37 AM

Quant Time: Oct 22 05:03:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:01:00 2020
Response via : Initial Calibration



TIC: BG047020.D

(4) Benzaldehyde

7.198min (+0.004) 41.54ng/ul m 10/26/20 50

response 120658

Ion	Exp%	Act%
77.00	100	100
105.00	93.40	97.76
106.00	92.80	93.52
0.00	0.00	0.00

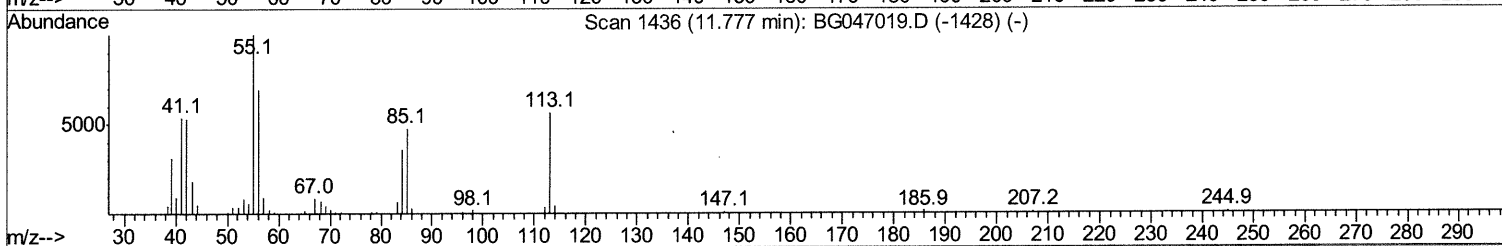
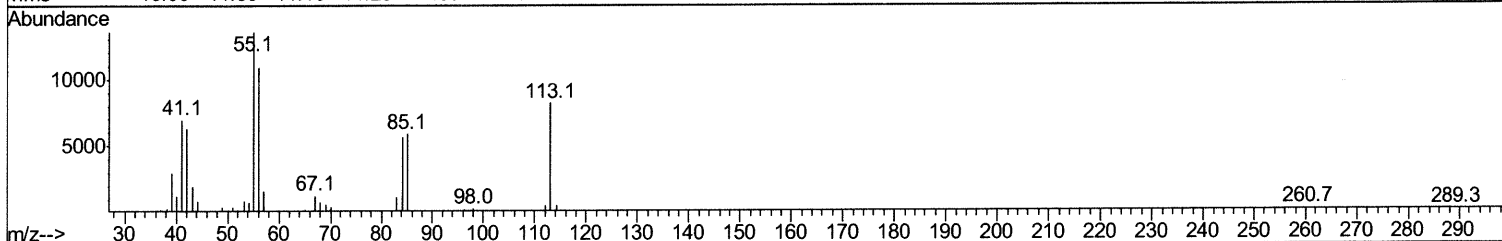
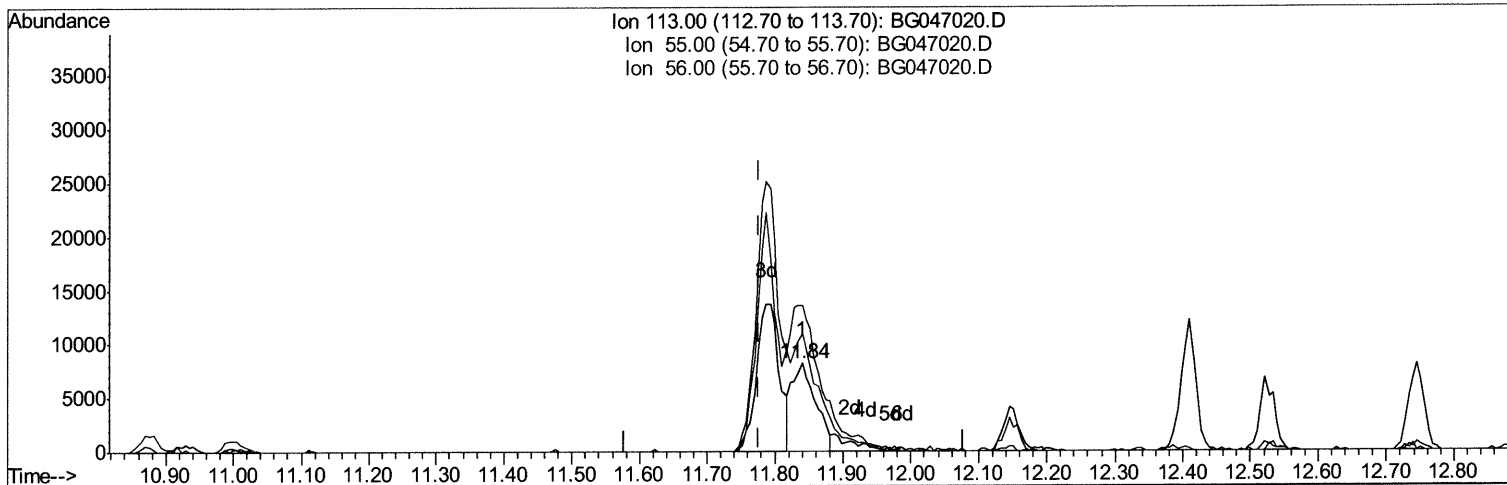
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047020.D
Acq On : 21 Oct 2020 21:16
Operator : CG/JU
Sample : SSTD04026
Misc : GCMS CONFIRMATION
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04026

Manual Integrations
APPROVED

mohammad
10/26/2020 10:31:37 AM

Quant Time: Oct 22 05:03:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:01:00 2020
Response via : Initial Calibration



(32) Caprolactam

11.840min (+0.063) 14.31ng/ul

response 20332

Ion	Exp%	Act%
113.00	100	100
55.00	179.90	165.20
56.00	122.70	133.30
0.00	0.00	0.00

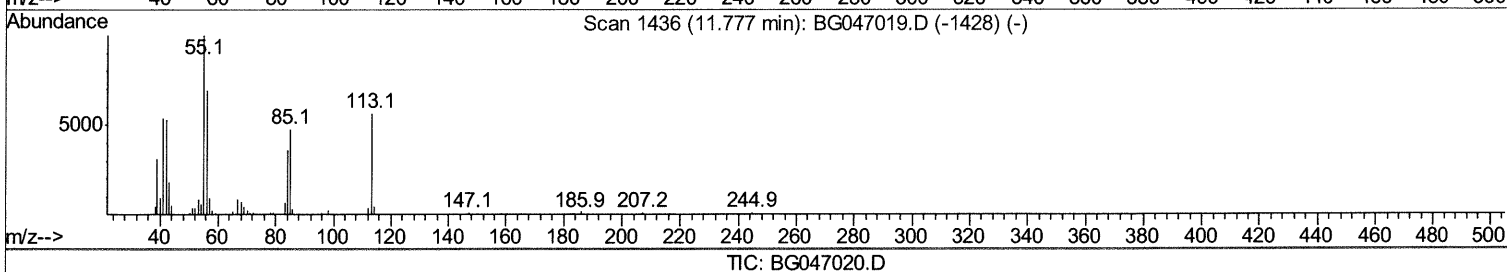
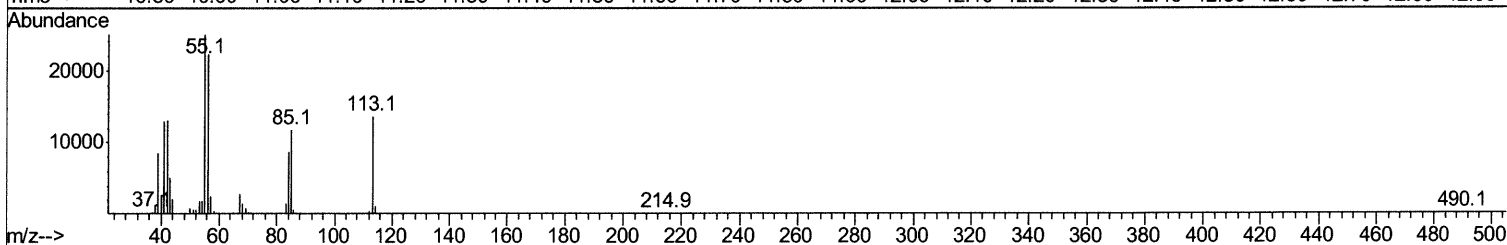
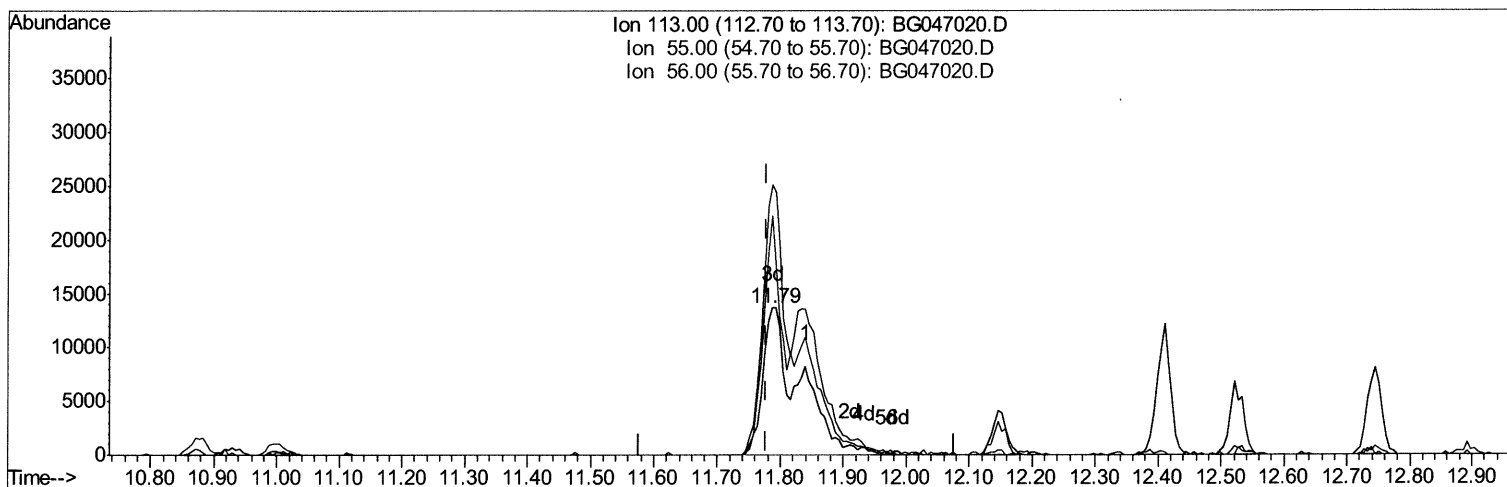
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047020.D
Acq On : 21 Oct 2020 21:16
Operator : CG/JU
Sample : SSTD04026
Misc : GCMS CONFIRMATION
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04026

Manual Integrations
APPROVED

mohammad
10/26/2020 10:31:37 AM

Quant Time: Oct 22 05:03:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:01:00 2020
Response via : Initial Calibration



(32) Caprolactam

11.787min (+0.010) 38.99ng/ul m 10/26/20 JU

response 55396

Ion	Exp%	Act%
113.00	100	100
55.00	179.90	183.44
56.00	122.70	162.92#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
 Data File : BG047020.D
 Acq On : 21 Oct 2020 21:16
 Operator : CG/JU
 Sample : SSTD04026
 Misc : GCMS CONFIRMATION
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD04026

Manual Integrations
 APPROVED

mohammad
 10/26/2020 10:31:37 AM

Quant Time: Oct 22 05:20:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 22 05:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56592	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	221936	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	160729	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	386746	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	384728	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	399642	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	21361	16.76	ng/uL	0.00
5) Phenol-d5	7.22	99	202703	40.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	113162	39.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	151804	40.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	160425	40.24	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	75510	40.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	89800	41.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	175200	41.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	145735	30.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	515629	38.62	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	612410	40.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	86091	37.41	ng/ul	0.00
58) Fluorene-d10	15.68	176	480684	39.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	108265	40.65	ng/ul	0.00
71) Anthracene-d10	17.54	188	721143	38.50	ng/ul	0.00
79) Pyrene-d10	19.82	212	887468	42.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	890167	39.55	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.51	88	21960	14.446	ng/uL	90
4) Benzaldehyde	7.20	77	120658m>	41.543	ng/ul >	10/26/20 JU
6) Phenol	7.25	94	195190	37.322	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.48	93	150480	37.967	ng/ul	93
10) 2-Chlorophenol	7.63	128	149973	39.882	ng/ul	97
11) 2-Methylphenol	8.50	108	150653	38.666	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.59	45	224513	39.603	ng/ul	98
14) Acetophenone	8.88	105	239253	37.414	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.87	70	126376	37.681	ng/ul	94
16) 4-Methylphenol	8.83	108	158372	38.295	ng/ul	82
17) Hexachloroethane	9.15	117	67369	39.320	ng/ul	98
20) Nitrobenzene	9.27	77	202824	39.849	ng/ul	97
21) Isophorone	9.80	82	365658	39.041	ng/ul	97
23) 2-Nitrophenol	9.98	139	92135	40.862	ng/ul	97
24) 2,4-Dimethylphenol	10.04	107	186282	39.162	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.27	93	207707	38.889	ng/ul	98
27) 2,4-Dichlorophenol	10.52	162	165758	39.482	ng/ul	97
28) Naphthalene	10.92	128	490553	38.306	ng/ul	99
30) 4-Chloroaniline	11.03	127	137891	29.694	ng/ul	100
31) Hexachlorobutadiene	11.21	225	138195	38.632	ng/ul	96
32) Caprolactam	11.79	113	55396m>	38.989	ng/ul >	10/26/20 JU
33) 4-Chloro-3-methylphenol	12.15	107	174163	39.649	ng/ul	94
34) 2-Methylnaphthalene	12.53	142	358641	38.091	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
 Data File : BG047020.D
 Acq On : 21 Oct 2020 21:16
 Operator : CG/JU
 Sample : SSTD04026
 Misc : GCMS CONFIRMATION
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD04026

Manual Integrations
 APPROVED

mohammad
 10/26/2020 10:31:37 AM

Quant Time: Oct 22 05:20:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 22 05:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	420469	45.277	nq/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	246007	39.247	nq/ul	97
38) Hexachlorocyclopentadiene	12.87	237	157475	37.832	nq/ul	97
39) 2,4,6-Trichlorophenol	13.13	196	153054	39.676	nq/ul	98
40) 2,4,5-Trichlorophenol	13.20	196	164849	40.480	nq/ul	98
41) 1,1'-Biphenyl	13.53	154	485056	37.413	nq/ul	96
42) 2-Chloronaphthalene	13.57	162	393921	37.924	nq/ul	99
43) 2-Nitroaniline	13.77	65	124801	40.049	nq/ul	98
45) Dimethylphthalate	14.14	163	519308	37.517	nq/ul	99
46) 2,6-Dinitrotoluene	14.26	165	116629	41.219	nq/ul	97
48) Acenaphthylene	14.42	152	568300	36.942	nq/ul	99
49) 3-Nitroaniline	14.59	138	72812	31.045	nq/ul	95
50) Acenaphthene	14.76	153	416369	38.599	nq/ul	98
51) 2,4-Dinitrophenol	14.80	184	64319	36.012	nq/ul	92
53) 4-Nitrophenol	14.90	109	84319	34.912	nq/ul	95
54) Dibenzofuran	15.09	168	597855	37.295	nq/ul	97
55) 2,4-Dinitrotoluene	15.05	165	163755	40.321	nq/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.31	232	162921	40.388	nq/ul	94
57) Diethylphthalate	15.51	149	520332	37.687	nq/ul	97
59) Fluorene	15.74	166	493398	37.507	nq/ul	90
60) 4-Chlorophenyl-phenylether	15.73	204	283171	36.936	nq/ul	99
61) 4-Nitroaniline	15.75	138	89706	34.283	nq/ul	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	112193	39.169	nq/ul#	93
65) N-Nitrosodiphenylamine	15.94	169	433174	38.169	nq/ul	97
66) 4-Bromophenyl-phenylether	16.62	248	200522	38.870	nq/ul	99
67) Hexachlorobenzene	16.75	284	211113	39.289	nq/ul	99
68) Atrazine	16.89	200	196993	39.295	nq/ul	95
69) Pentachlorophenol	17.09	266	125891	37.747	nq/ul	92
70) Phenanthrene	17.48	178	842006	38.048	nq/ul	99
72) Anthracene	17.57	178	830287	37.144	nq/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	251483	40.912	nq/uL	95
74) Pentachlorobenzene	15.01	250	243578	38.617	nq/uL	100
75) Carbazole	17.84	167	689834	38.430	nq/ul	99
76) Di-n-butylphthalate	18.39	149	872989	37.166	nq/ul	99
77) Fluoranthene	19.48	202	1064476	39.391	nq/ul	98
80) Pvrene	19.85	202	1036955	39.826	nq/ul	99
81) Butylbenzylphthalate	20.72	149	390312	41.193	nq/ul	98
82) 3,3'-Dichlorobenzidine	21.60	252	293332	32.594	nq/ul	98
83) Benzo(a)anthracene	21.69	228	1034893	38.974	nq/ul	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	547600	40.474	nq/ul	100
85) Chrysene	21.75	228	984764	38.438	nq/ul	97
87) Di-n-octyl phthalate	22.80	149	925718	40.302	nq/ul	100
88) Benzo(b)fluoranthene	23.91	252	1070912	38.630	nq/ul	99
89) Benzo(k)fluoranthene	23.98	252	1028785	38.483	nq/ul	97
91) Benzo(a)pyrene	24.80	252	957962	38.438	nq/ul	96
92) Indeno(1,2,3-cd)pyrene	28.64	276	1177750	38.574	nq/ul	96
93) Dibenzo(a,h)anthracene	28.70	278	965117	38.118	nq/ul	100
94) Benzo(a,h,i)perylene	29.80	276	982839	38.349	nq/ul	95

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047020.D
Acq On : 21 Oct 2020 21:16
Operator : CG/JU
Sample : SSTD04026
Misc : GCMS CONFIRMATION
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04026

Manual Integrations
APPROVED

mohammad
10/26/2020 10:31:37 AM

Quant Time: Oct 22 05:20:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:01:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
--------------------	------	------	----------	------	-------	-----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed