

(QT Reviewed)

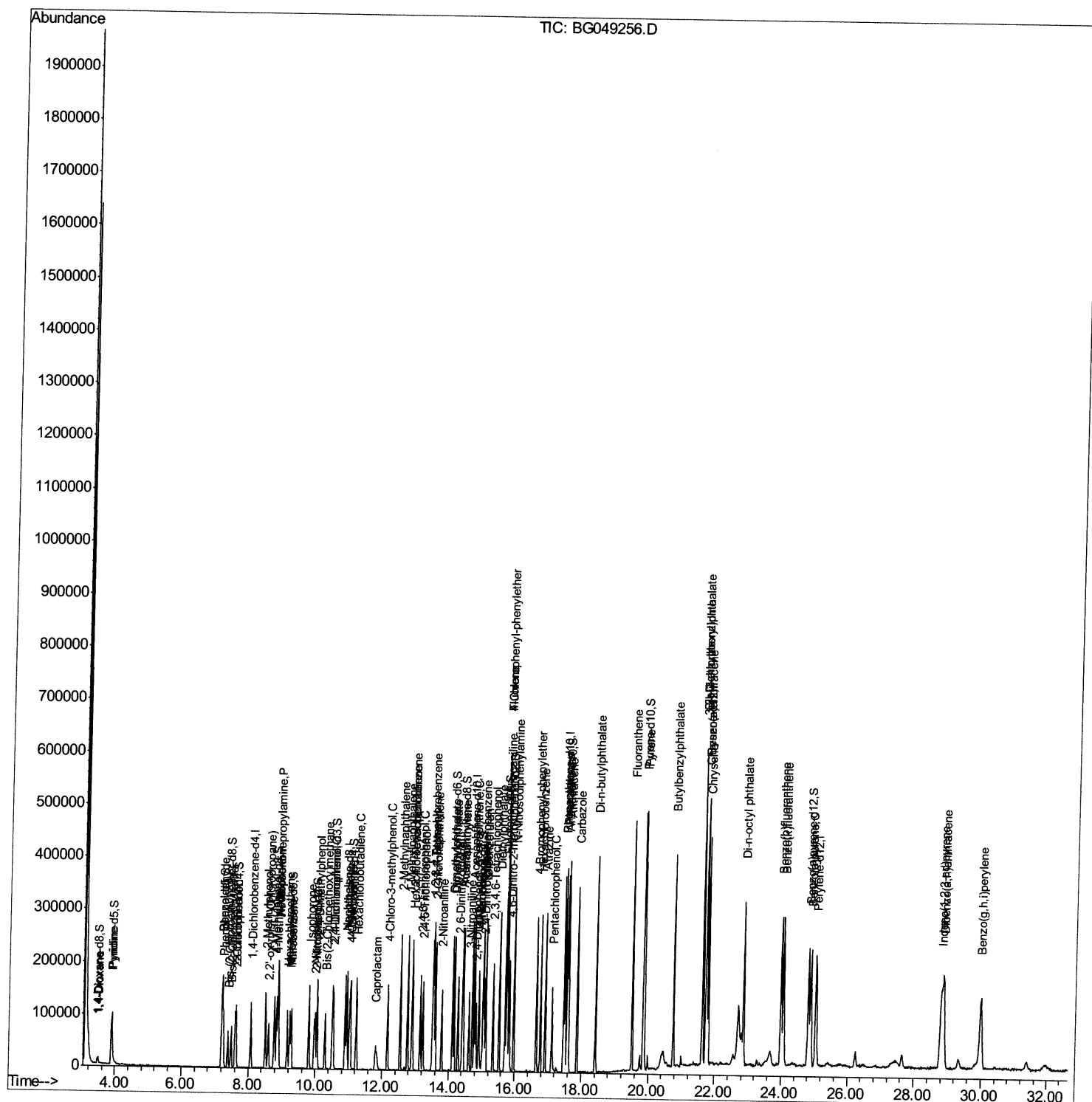
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Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\  
Data File : BG049256.D  
Acq On    : 10 Jul 2021      4:16  
Operator  : CG/JU  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 27      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations
APPROVED

mohammad
7/12/2021 12:33:54 PM

Quant Time: Jul 11 07:05:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

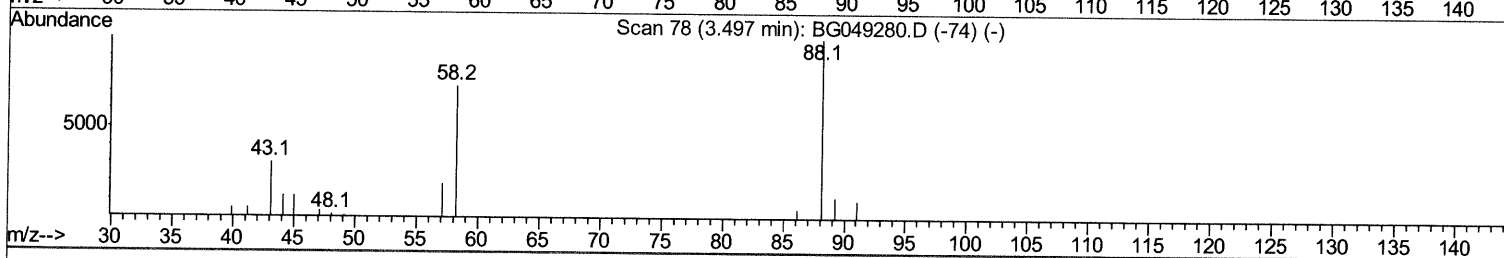
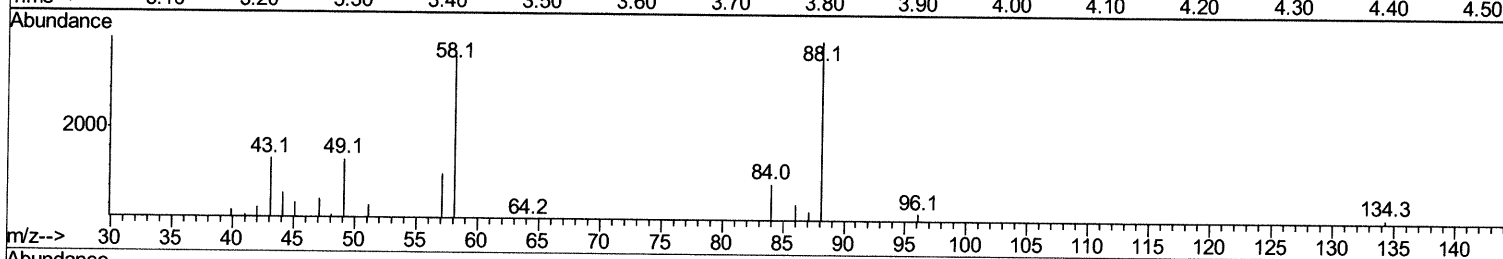
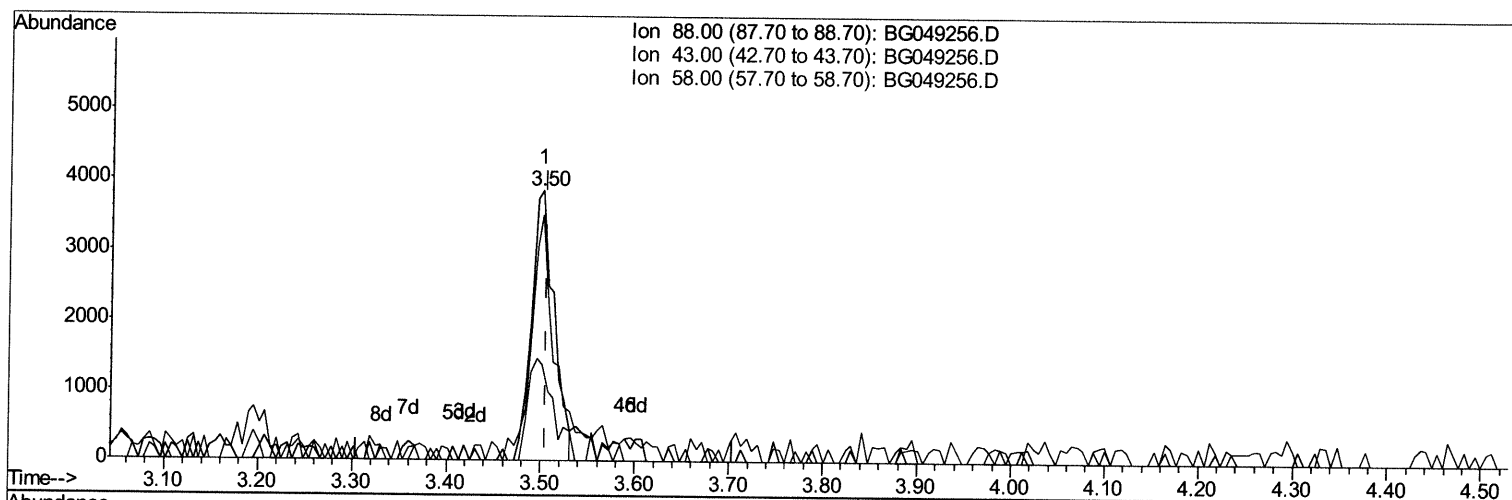
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TIC: BG049256.D

(2) 1,4-Dioxane

3.501min (-0.004) 7.21ng/uL

response 6396

Ion	Exp%	Act%
88.00	100	100
43.00	40.60	35.39
58.00	90.90	90.70
0.00	0.00	0.00

Quantitation Report (Qedit)

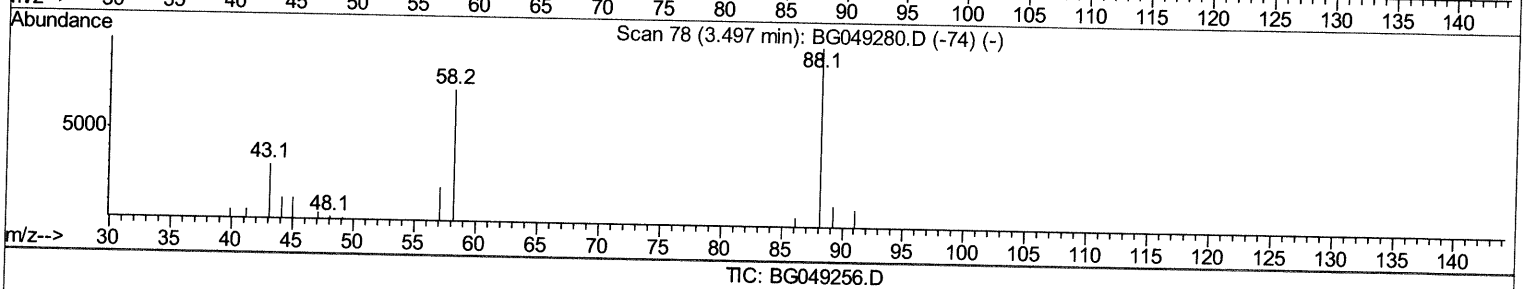
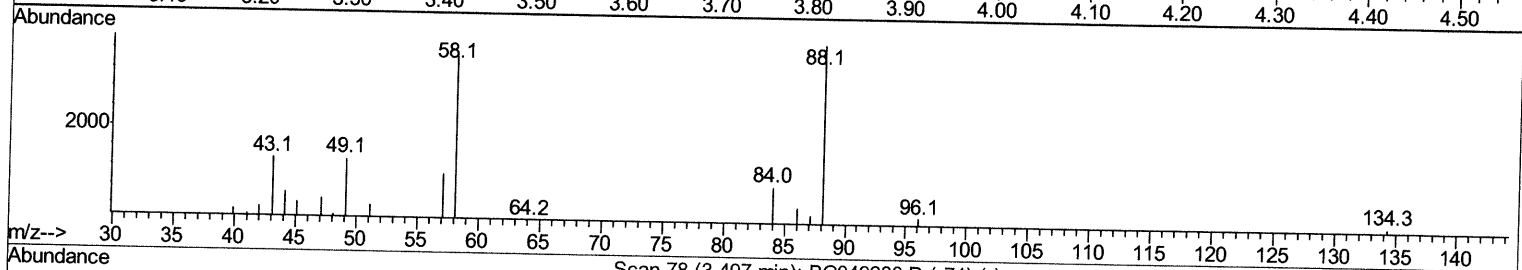
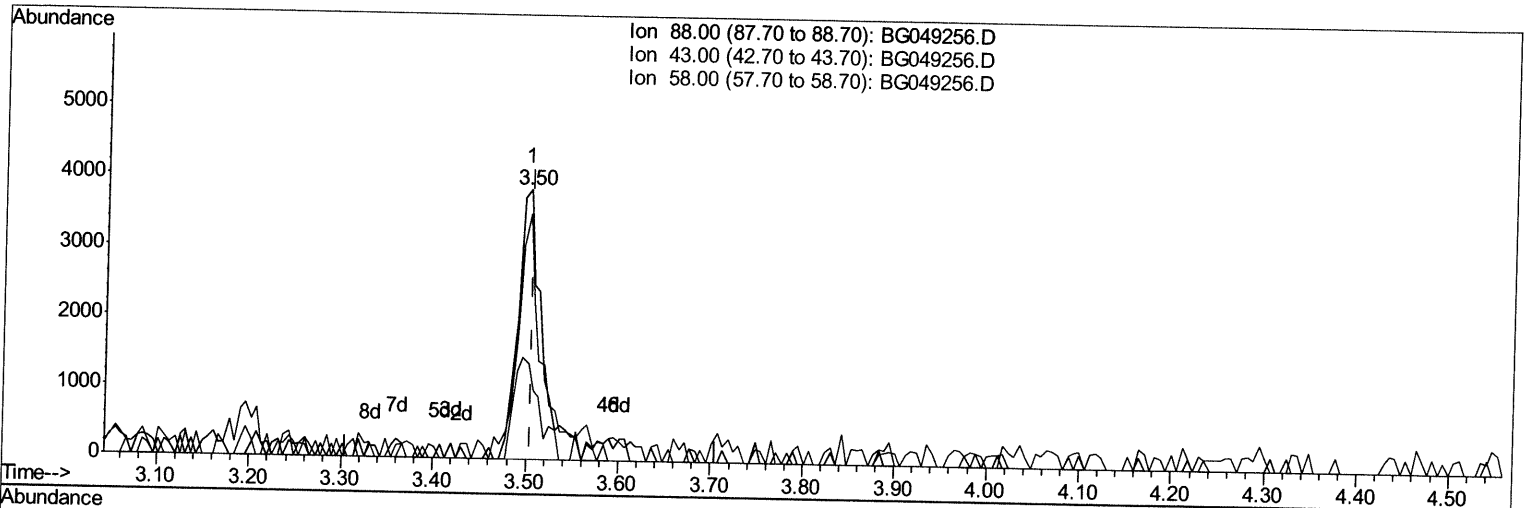
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(2) 1,4-Dioxane

3.501min (-0.004) 7.84ng/uL m 07/13/21 JU

response 6957

Ion	Exp%	Act%
88.00	100	100
43.00	40.60	35.39
58.00	90.90	90.70
0.00	0.00	0.00

Quantitation Report (Qedit)

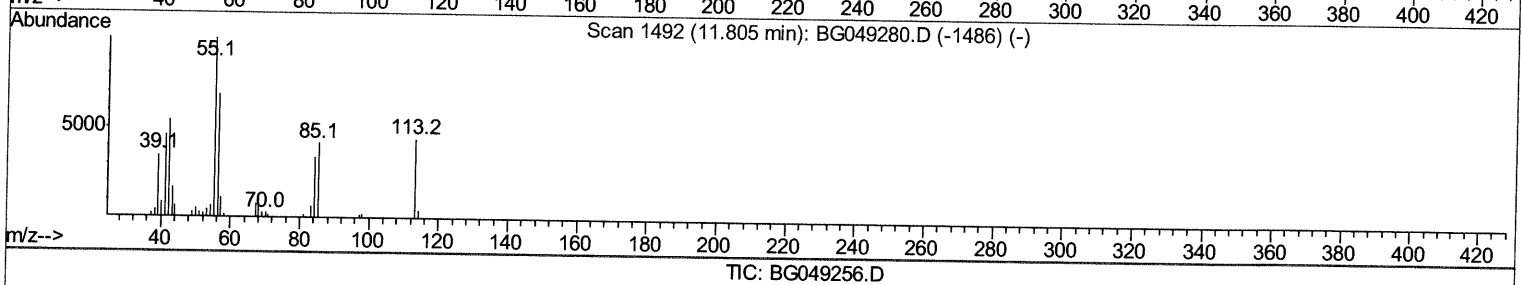
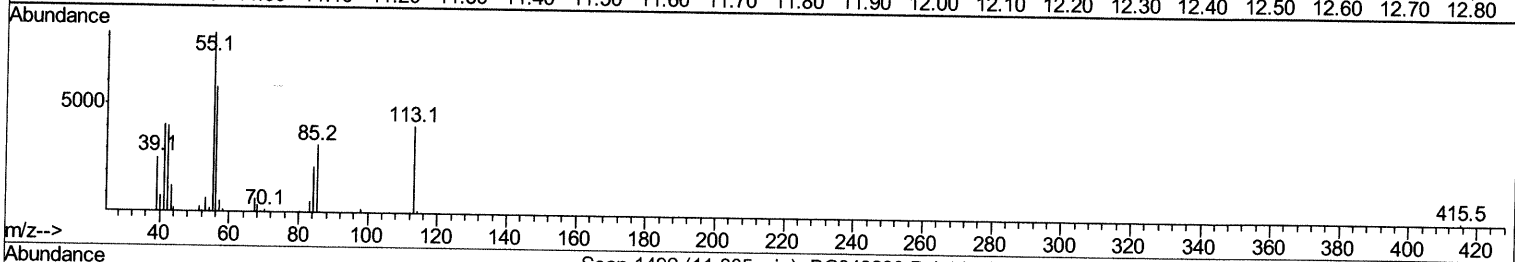
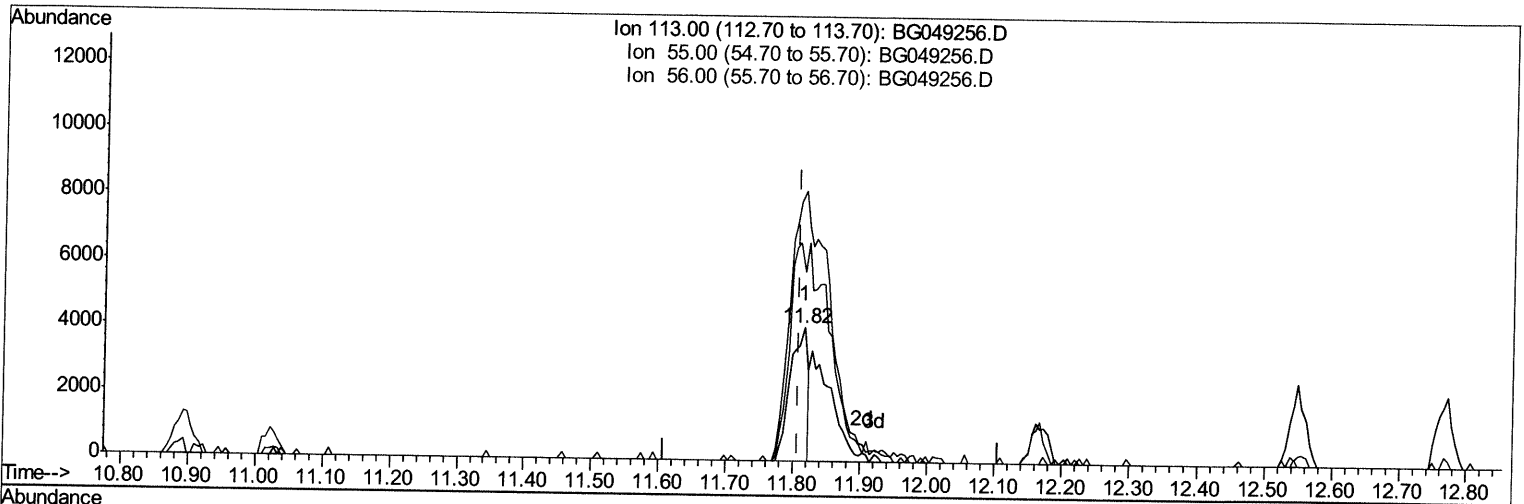
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Quant Time: Jul 11 07:02:27 2021
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(34) Caprolactam

11.815min (+0.008) 9.13ng/ul

response 7277

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	202.46
56.00	171.90	142.08
0.00	0.00	0.00

Quantitation Report (Qedit)

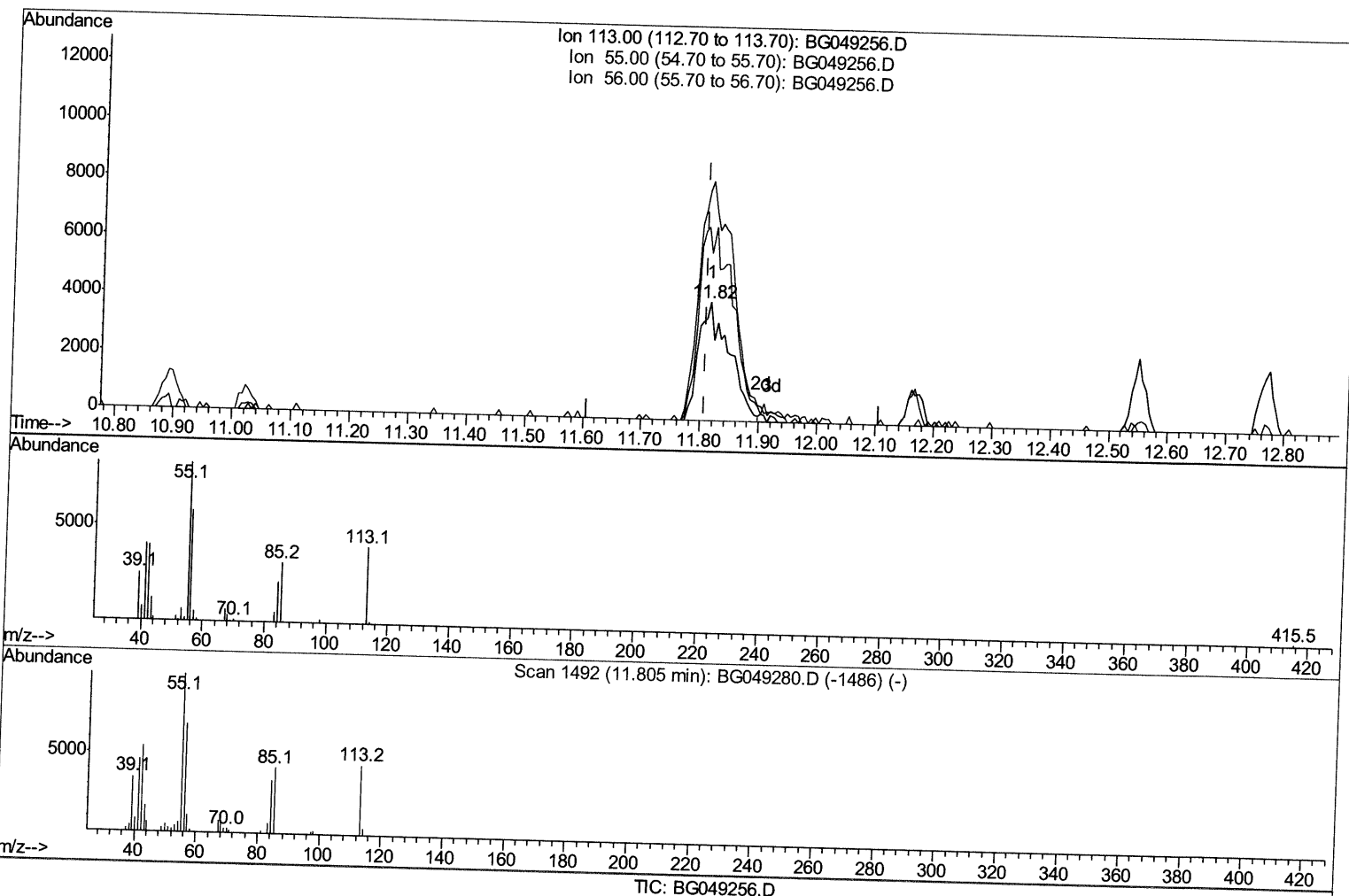
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(34) Caprolactam

11.815min (+0.008) 18.54ng/ul m 07/13/21 JU

response 14779

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	202.46
56.00	171.90	142.08
0.00	0.00	0.00

Quantitation Report (Qedit)

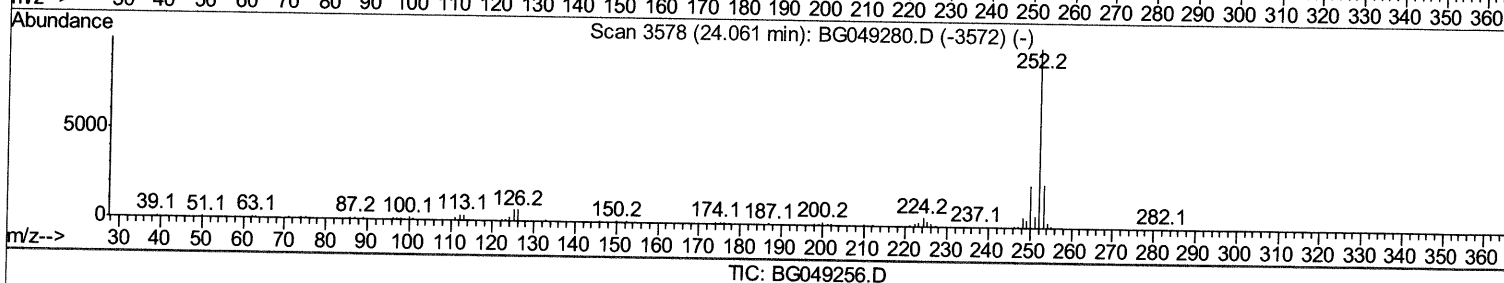
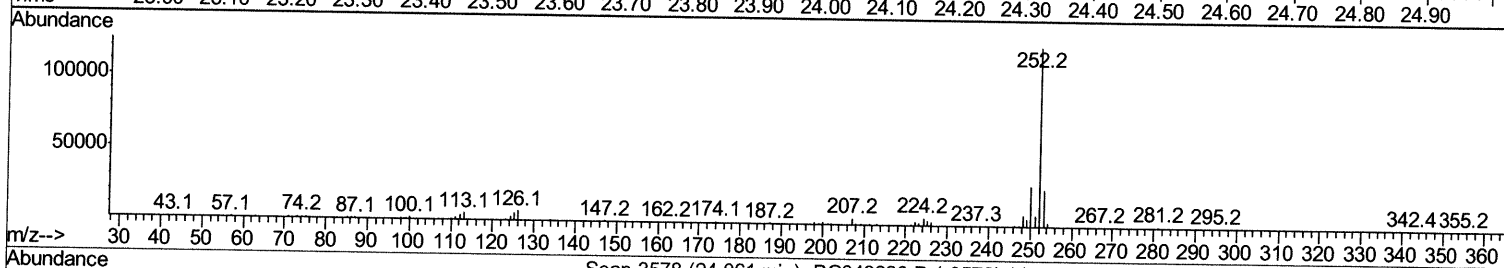
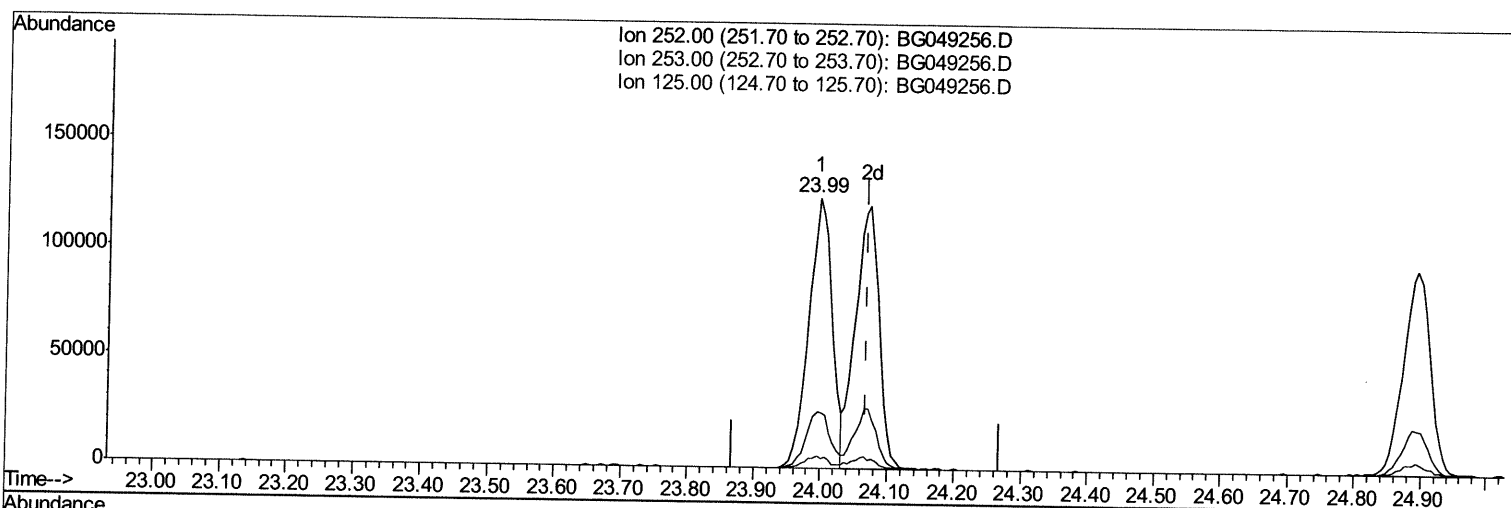
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Quant Time: Jul 11 07:03:13 2021
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(91) Benzo(k)fluoranthene

23.995min (-0.074) 20.62ng/ul

response 300994

Ion	Exp%	Act%
252.00	100	100
253.00	20.20	20.98
125.00	4.60	4.41
0.00	0.00	0.00

Quantitation Report (Qedit)

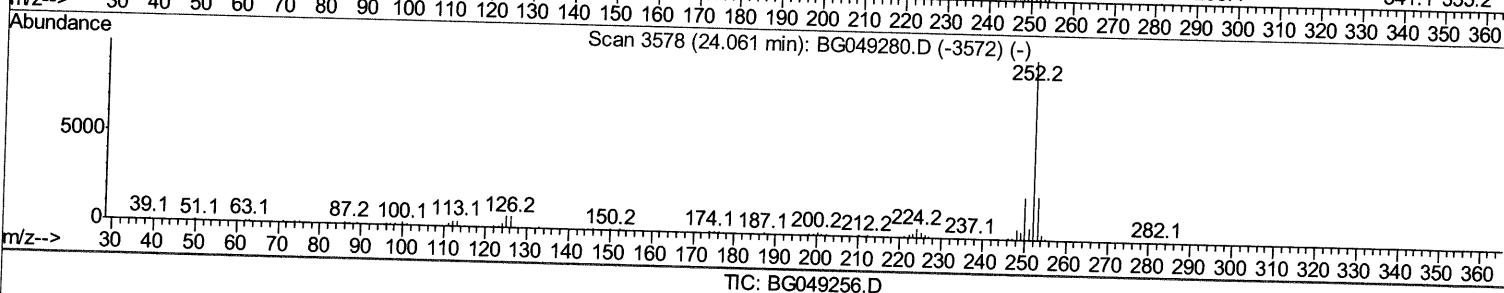
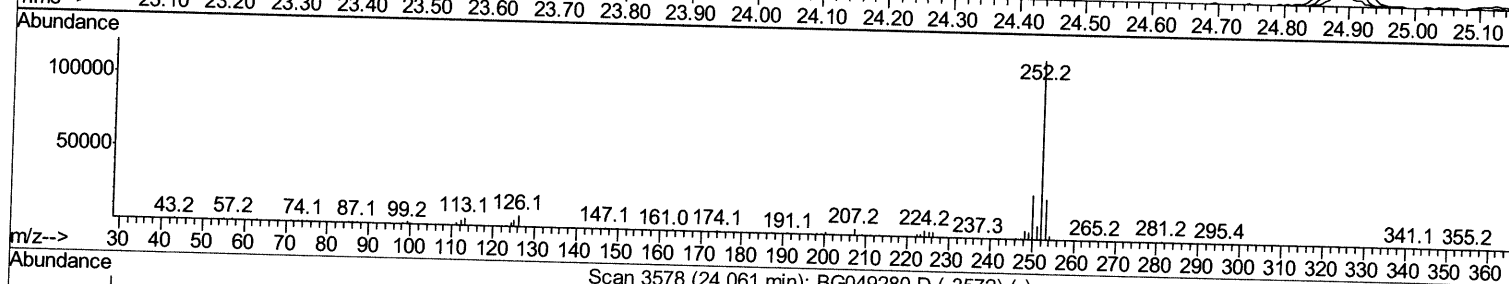
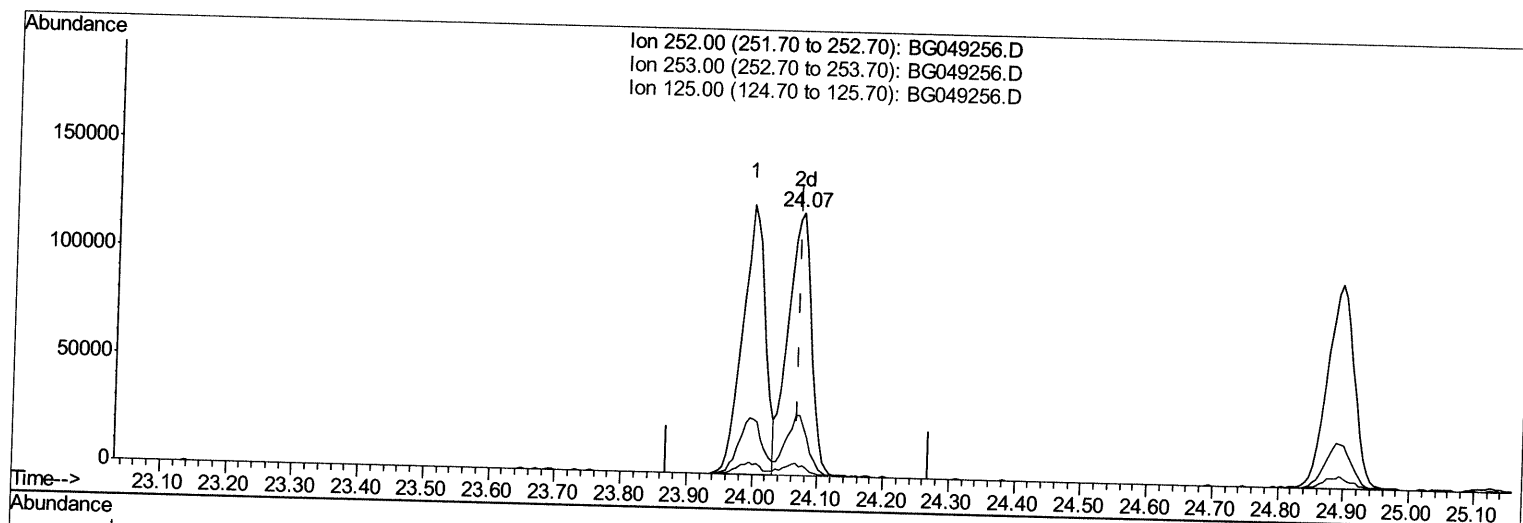
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 Data File : BG049256.D
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 Sample : SSTDCCC020
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

mohammad
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(91) Benzo(k)fluoranthene

24.071min (+0.002) 20.64ng/ul m 07/13/21 JU

response 301245

Ion	Exp%	Act%
252.00	100	100
253.00	20.20	22.80
125.00	4.60	3.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

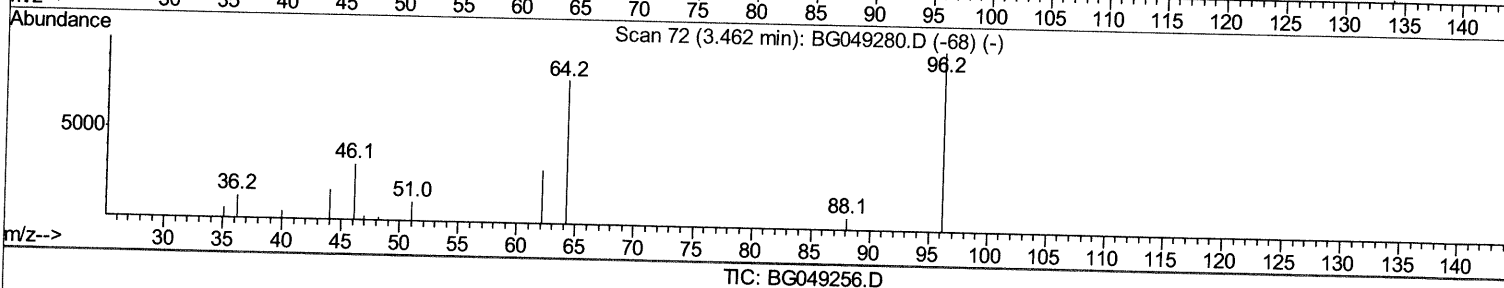
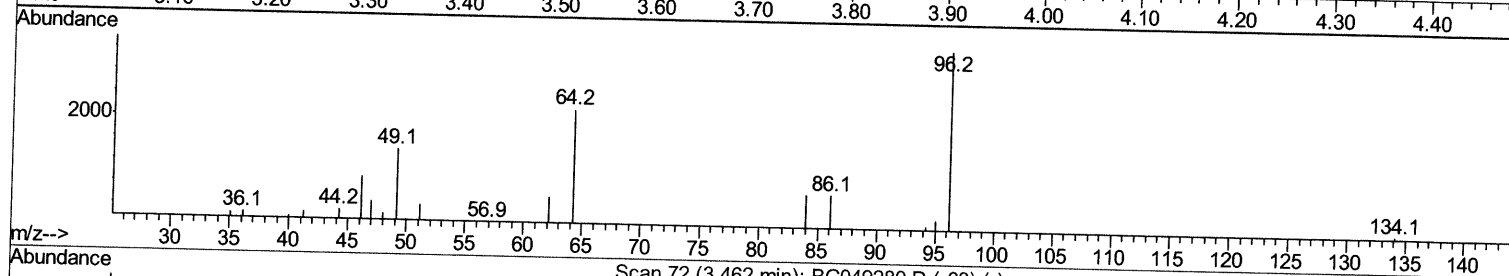
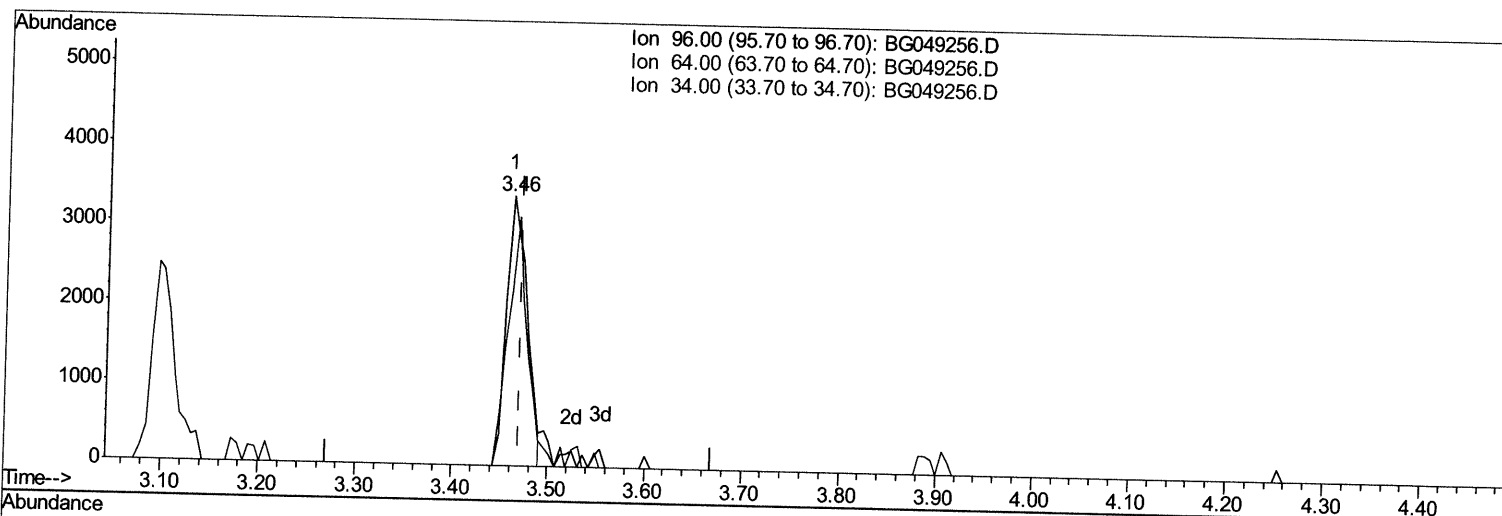
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Instrument :
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Manual Integrations
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Quant Time: Jul 11 07:04:25 2021
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(3) 1,4-Dioxane-d8 (S)

3.460min (-0.010) 6.92ng/uL

response 5038

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	65.00
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

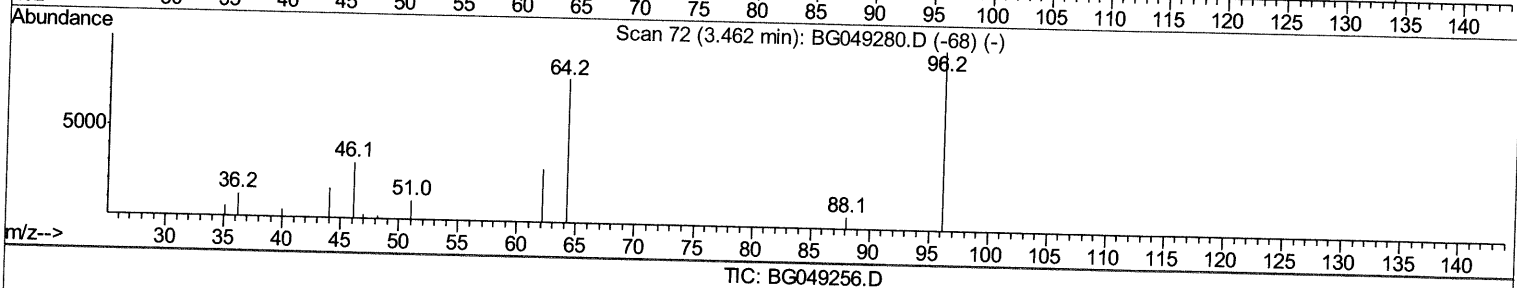
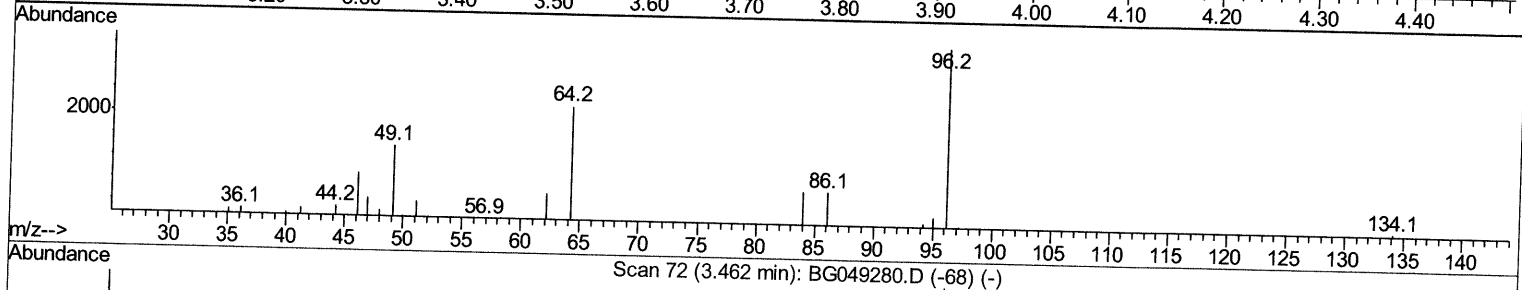
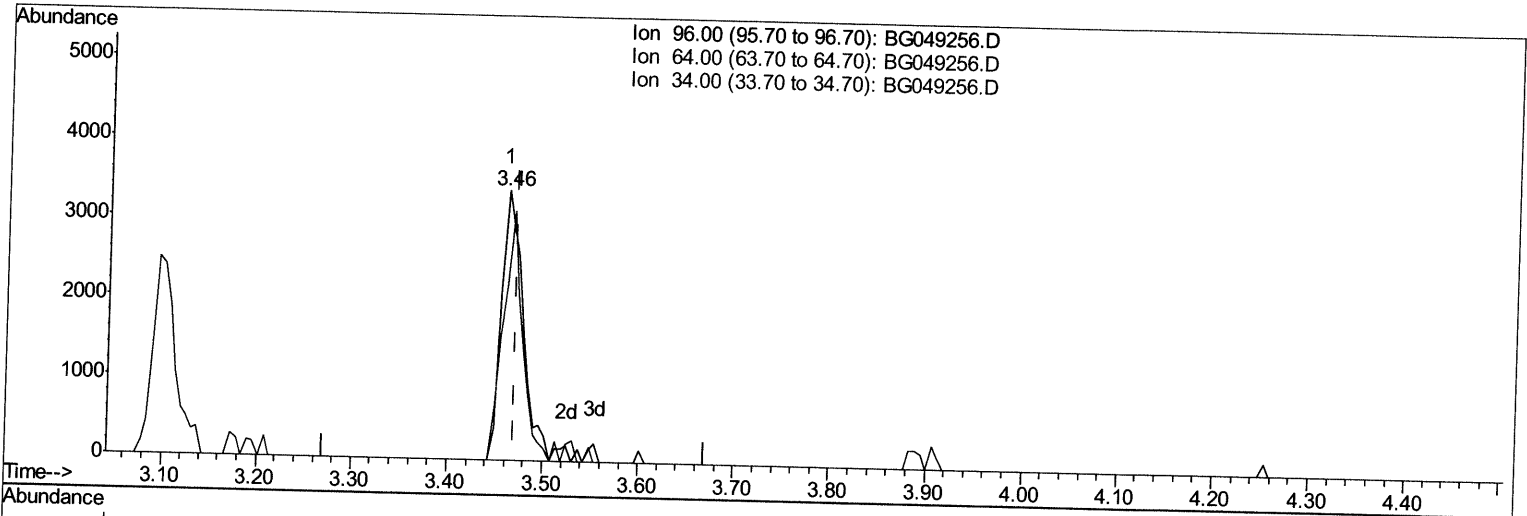
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Instrument :
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Manual Integrations
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 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.460min (-0.010) 7.28ng/uL m 07/13/21 JU

response 5303

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	65.00
34.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	34262	20.00	ng/ul	0.00
20) Naphthalene-d8	10.89	136	145873	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	105698	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	247703	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	233146	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	242684	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	5303m >	7.28	ng/uL >	0.00	07/11/21 JU
4) Pyridine-d5	3.89	84	38862	18.15	ng/ul	0.00	
7) Phenol-d5	7.22	99	59219	19.87	ng/ul	0.00	
9) Bis-(2-Chloroethyl)ether-d	7.39	67	35106	20.31	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.60	132	46968	21.32	ng/ul	0.00	
15) 4-Methylphenol-d8	8.78	113	47864	20.04	ng/ul	0.00	
21) Nitrobenzene-d5	9.24	128	23024	20.57	ng/ul	0.00	
24) 2-Nitrophenol-d4	9.97	143	27816	21.65	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.51	165	53228	21.23	ng/ul	0.00	
31) 4-Chloroaniline-d4	11.03	131	63263	19.36	ng/ul	0.00	
46) Dimethylphthalate-d6	14.12	166	163610	20.13	ng/ul	0.00	
49) Acenaphthylene-d8	14.41	160	198521	20.81	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.91	143	26164	19.45	ng/ul	0.00	
60) Fluorene-d10	15.71	176	136437	19.82	ng/ul	0.00	
65) 4,6-Dinitro-2-methylphenol	15.83	200	29943	19.02	ng/ul	0.00	
73) Anthracene-d10	17.57	188	227903	20.21	ng/ul	0.00	
81) Pyrene-d10	19.85	212	266895	22.33	ng/ul	0.00	
92) Benzo(a)pyrene-d12	24.82	264	270789	21.46	ng/ul	0.00	

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.50	88	6957m >	7.843	ng/uL > 07/11/21 JU
5) Pyridine	3.91	79	42528	17.900	ng/ul# 90
6) Benzaldehyde	7.21	77	41932	23.388	ng/ul 96
8) Phenol	7.25	94	59144	19.843	ng/ul 95
10) Bis(2-Chloroethyl)ether	7.49	93	44139	19.917	ng/ul 93
12) 2-Chlorophenol	7.64	128	46535	20.930	ng/ul 95
13) 2-Methylphenol	8.51	108	45083	19.858	ng/ul 95
14) 2,2'-oxybis(1-Chloropropan	8.60	45	73441	20.603	ng/ul 96
16) Acetophenone	8.90	105	81690	20.855	ng/ul 96
17) N-Nitroso-di-n-propylamine	8.88	70	42766	21.487	ng/ul 92
18) 4-Methylphenol	8.85	108	48842	20.679	ng/ul 95
19) Hexachloroethane	9.17	117	21359	21.218	ng/ul 84
22) Nitrobenzene	9.29	77	65629	20.790	ng/ul# 94
23) Isophorone	9.81	82	112833	20.692	ng/ul 99
25) 2-Nitrophenol	10.01	139	26988	20.587	ng/ul# 90
26) 2,4-Dimethylphenol	10.05	107	61201	21.084	ng/ul 95
27) Bis(2-Chloroethoxy)methane	10.29	93	61932	21.303	ng/ul 95
29) 2,4-Dichlorophenol	10.54	162	47300	20.646	ng/ul 96
30) Naphthalene	10.95	128	152493	20.967	ng/ul 97
32) 4-Chloroaniline	11.05	127	66026	20.496	ng/ul 99
33) Hexachlorobutadiene	11.23	225	41040	21.124	ng/ul 94
34) Caprolactam	11.82	113	14779m >	18.544	ng/ul > 07/11/21 JU

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35) 4-Chloro-3-methylphenol	12.17	107	52824	20.641	ng/ul	92
36) 2-Methylnaphthalene	12.55	142	116373	21.060	ng/ul	96
37) 1-Methylnaphthalene	12.77	142	113638	20.679	ng/ul#	97
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	70560	21.254	ng/ul	96
40) Hexachlorocyclopentadiene	12.90	237	43396	19.683	ng/ul	99
41) 2,4,6-Trichlorophenol	13.15	196	45494	21.185	ng/ul	93
42) 2,4,5-Trichlorophenol	13.23	196	45402	19.877	ng/ul	91
43) 1,1'-Biphenyl	13.55	154	147791	20.696	ng/ul	99
44) 2-Chloronaphthalene	13.60	162	113343	20.258	ng/ul	96
45) 2-Nitroaniline	13.80	65	42715	20.824	ng/ul	94
47) Dimethylphthalate	14.17	163	157320	20.851	ng/ul	99
48) 2,6-Dinitrotoluene	14.28	165	33860	20.838	ng/ul	91
50) Acenaphthylene	14.44	152	184079	21.701	ng/ul	99
51) 3-Nitroaniline	14.62	138	31565	21.333	ng/ul	85
52) Acenaphthene	14.78	153	126695	20.566	ng/ul	94
53) 2,4-Dinitrophenol	14.82	184	27509	26.713	ng/ul#	91
55) 4-Nitrophenol	14.92	109	32141	18.923	ng/ul	92
56) Dibenzofuran	15.12	168	178624	20.460	ng/ul	97
57) 2,4-Dinitrotoluene	15.08	165	48182	20.548	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.34	232	44164	20.619	ng/ul	95
59) Diethylphthalate	15.53	149	162630	20.052	ng/ul	98
61) Fluorene	15.77	166	154006	20.843	ng/ul	96
62) 4-Chlorophenyl-phenylether	15.76	204	85687	21.095	ng/ul	98
63) 4-Nitroaniline	15.78	138	34418	23.695	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.84	198	28588	19.081	ng/ul#	99
67) N-Nitrosodiphenylamine	15.97	169	133447	21.160	ng/ul	98
68) 4-Bromophenyl-phenylether	16.66	248	58158	21.051	ng/ul	96
69) Hexachlorobenzene	16.77	284	65890	21.059	ng/ul	94
70) Atrazine	16.91	200	57393	19.885	ng/ul	94
71) Pentachlorophenol	17.12	266	32312	17.303	ng/ul	99
72) Phenanthrene	17.51	178	247928	20.521	ng/ul	99
74) Anthracene	17.60	178	255550	20.706	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	76543	22.651	ng/uL	93
76) Pentachlorobenzene	15.04	250	75686	21.113	ng/uL	94
77) Carbazole	17.87	167	231162	20.996	ng/ul	99
78) Di-n-butylphthalate	18.42	149	277619	20.154	ng/ul	99
80) Fluoranthene	19.52	202	309719	22.286	ng/ul	99
82) Pyrene	19.88	202	308345	22.267	ng/ul	99
83) Butylbenzylphthalate	20.76	149	118944	21.879	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.64	252	117146	21.506	ng/ul	99
85) Benzo(a)anthracene	21.73	228	297543	20.767	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.63	149	164833	20.788	ng/ul	98
87) Chrysene	21.80	228	285683	21.079	ng/ul	99
89) Di-n-octyl phthalate	22.87	149	253681	18.571	ng/ul	100
90) Benzo(b)fluoranthene	23.99	252	300994	20.105	ng/ul#	97
91) Benzo(k)fluoranthene	24.07	252	301245m	20.637	ng/ul >	97
93) Benzo(a)pyrene	24.89	252	265285	20.135	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.81	276	354284	20.841	ng/ul	96
95) Dibenzo(a,h)anthracene	28.88	278	296401	21.051	ng/ul	95
96) Benzo(g,h,i)perylene	30.00	276	290468	20.667	ng/ul	96

07/13/21 JU

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049256.D
 Acq On : 10 Jul 2021 4:16
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:33:54 PM

Quant Time: Jul 11 07:05:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

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

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