Quantitation Report (QT Reviewed)

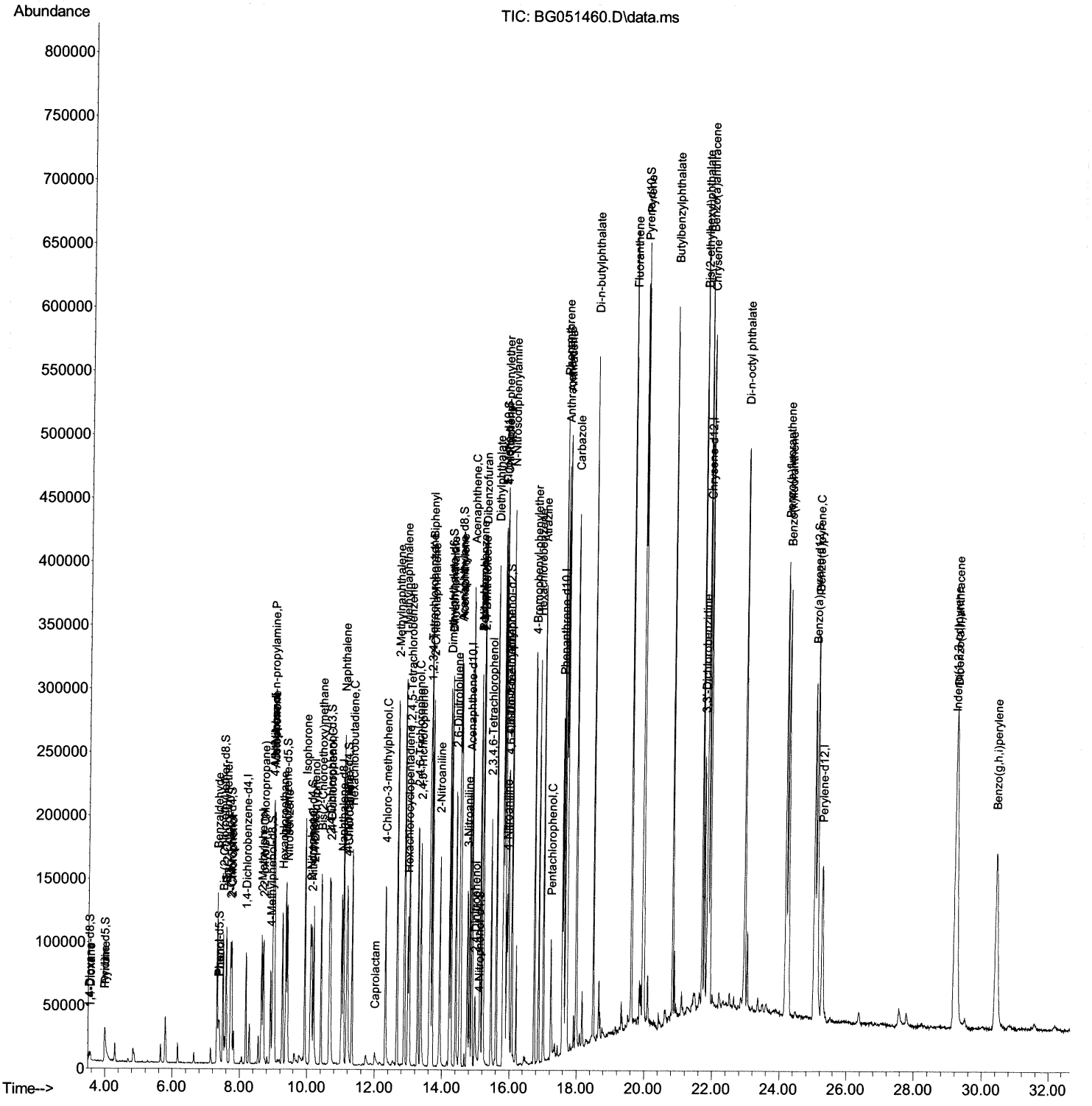
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051460.D
Acq On : 10 Dec 2021 17:38
Operator : CG/JU
Sample : M4985-15MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 11 01:30:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW5R8MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/13/2021
Supervised By :Yogesh Patel 12/15/2021



Quantitation Report (Qedit)

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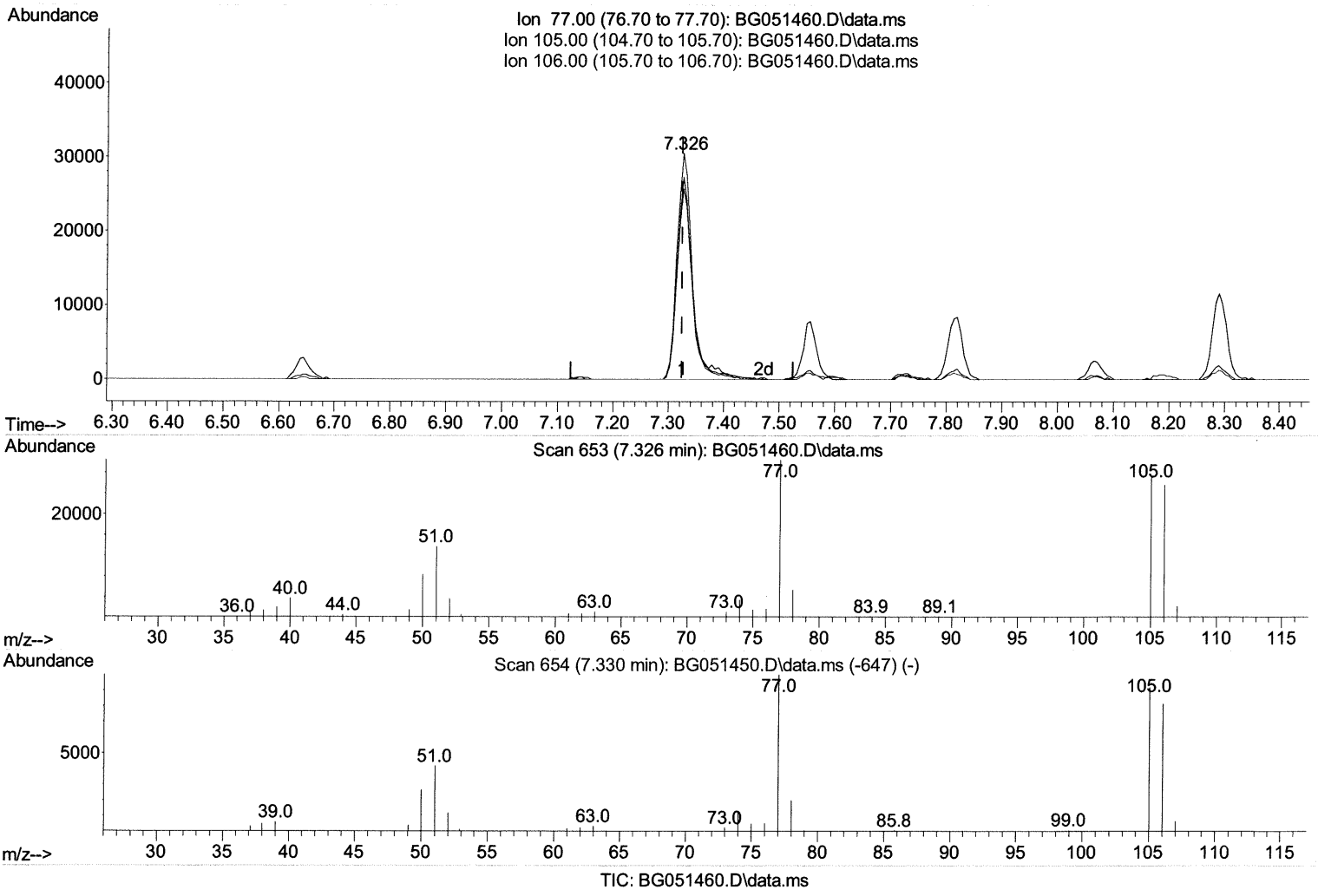

TIC: BG051460.D\data.ms

(6) Benzaldehyde

7.326min (+ 0.001) 36.63 ng/ul

response 58570

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	89.46
106.00	76.50	84.34
0.00	0.00	0.00

Quantitation Report (Qedit)

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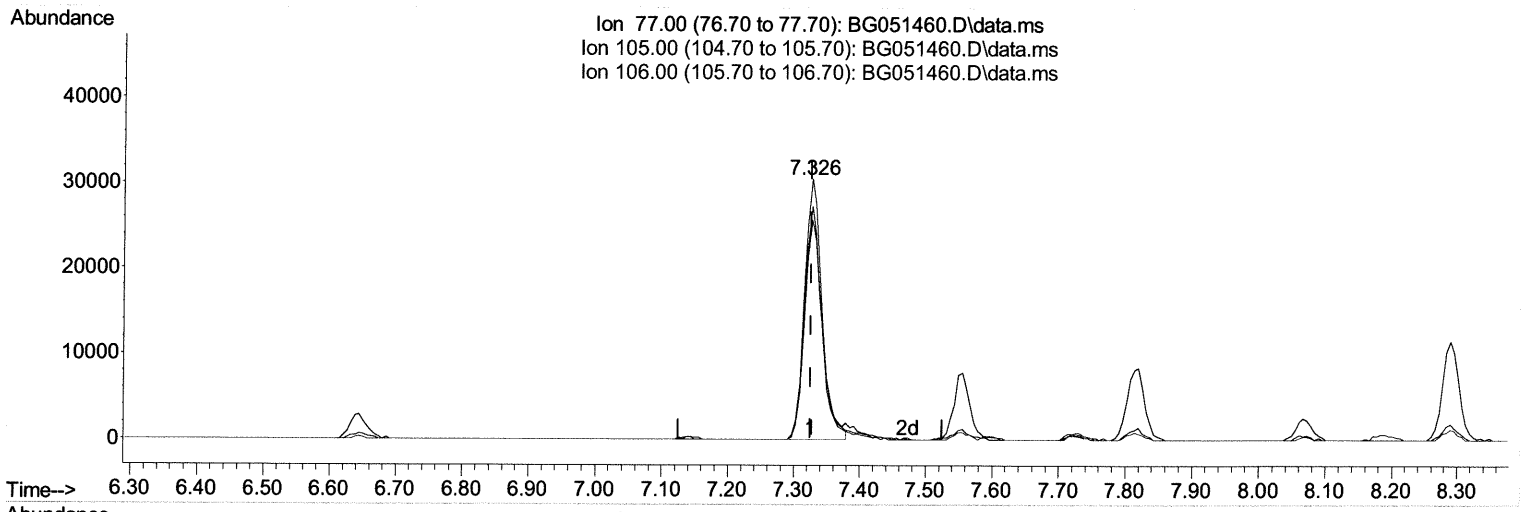

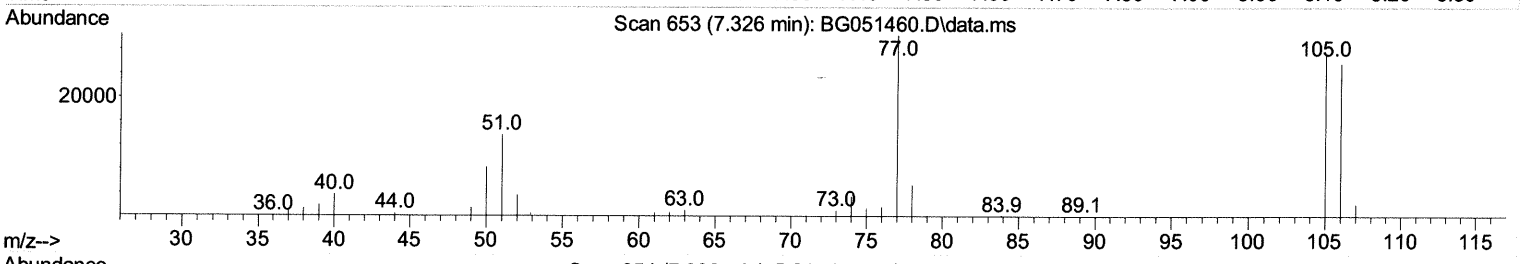

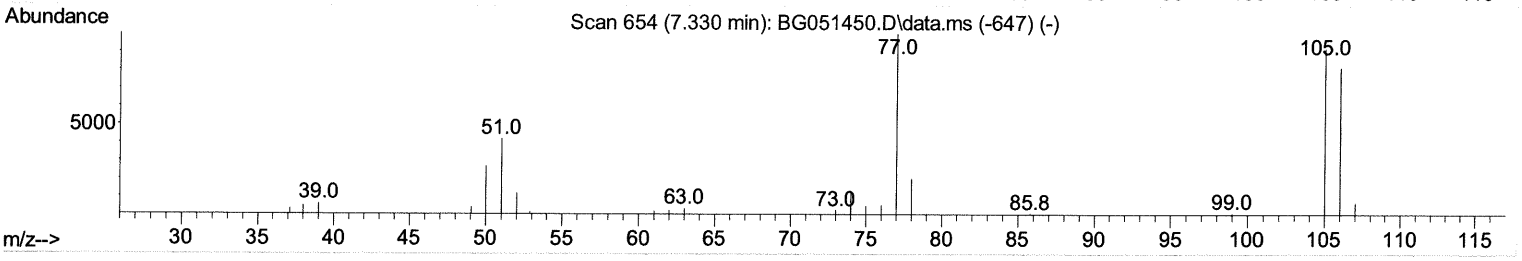

TIC: BG051460.D\data.ms

(6) Benzaldehyde

7.326min (+ 0.001) 35.33 ng/ul m 12/6/21 JU

response 56497

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	89.46
106.00	76.50	84.34
0.00	0.00	0.00

Quantitation Report (Qedit)

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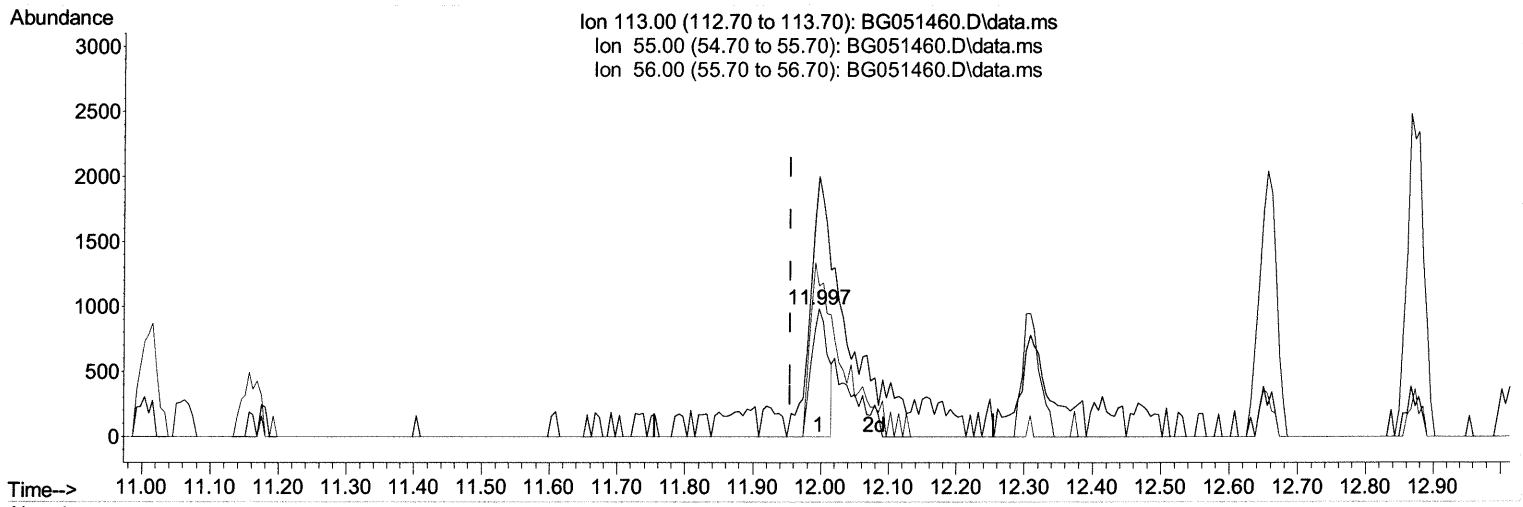

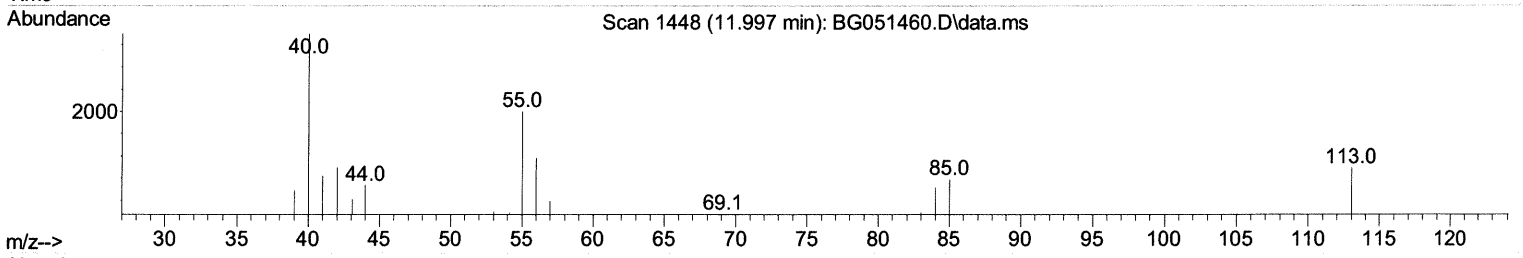

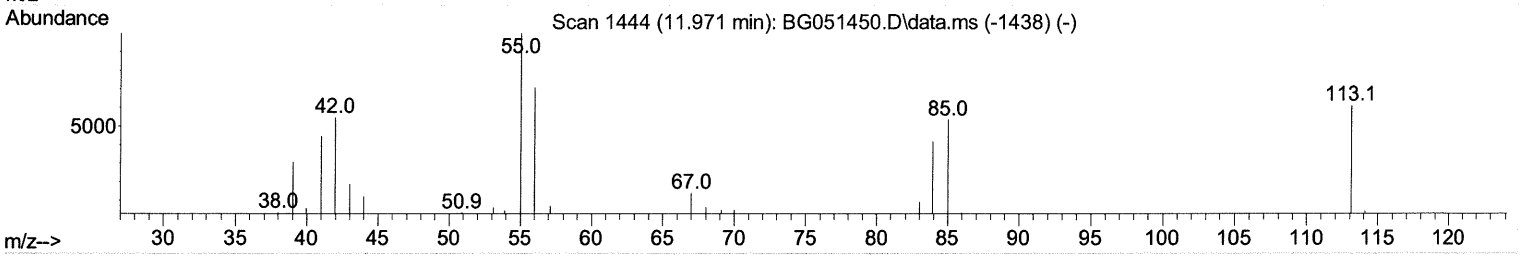

TIC: BG051460.D\data.ms

(34) Caprolactam

11.997min (+ 0.042) 2.30 ng/ul

response 1666

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	203.46
56.00	136.50	117.99
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
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ALS Vial : 9 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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BNA_G
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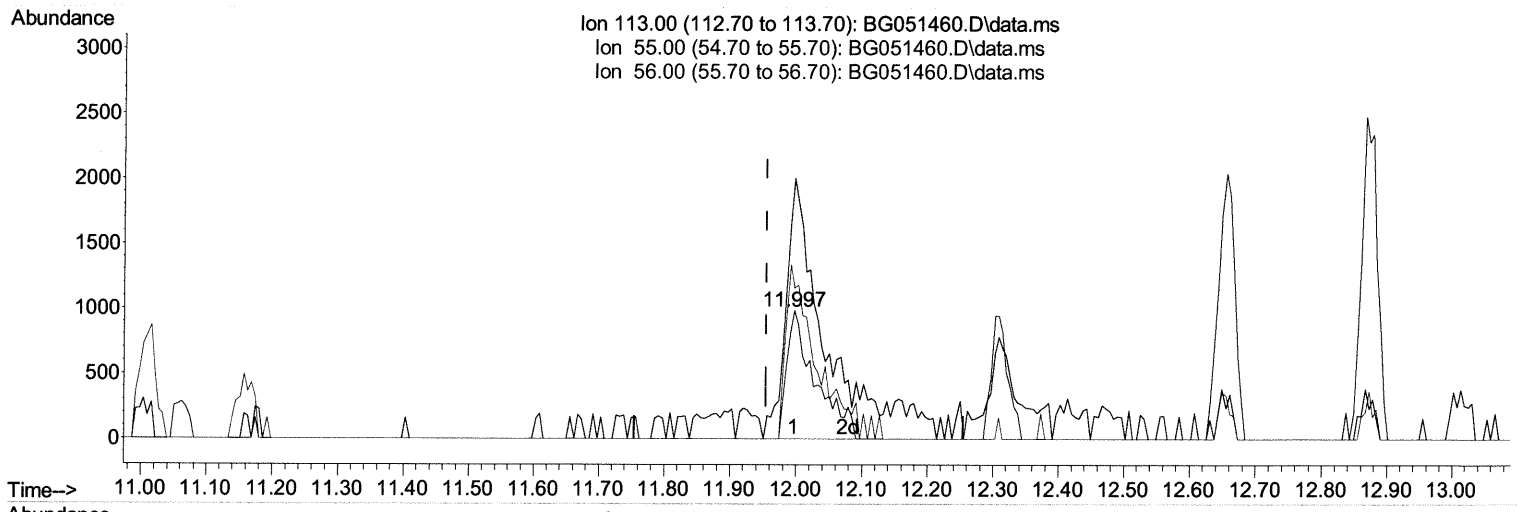
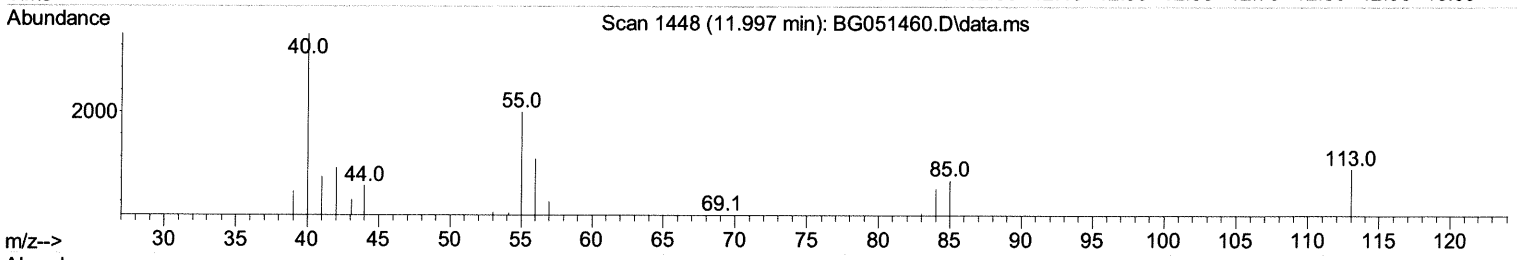
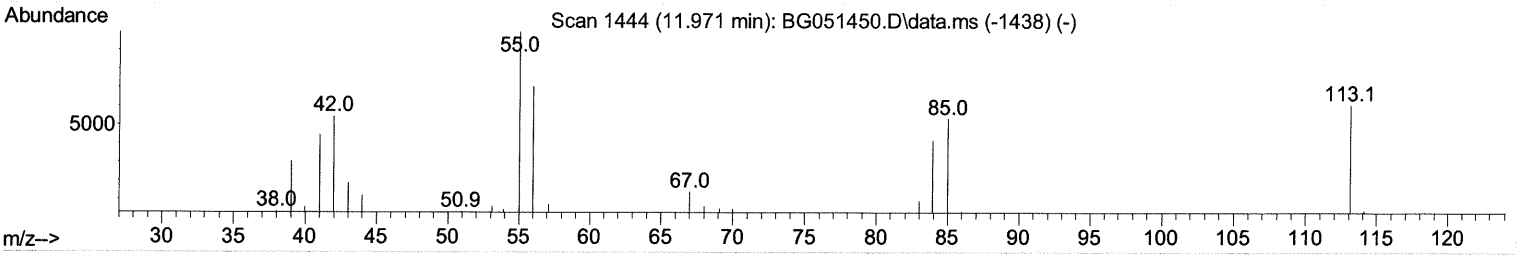
Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/13/2021
Supervised By :Yogesh Patel 12/15/2021







TIC: BG051460.D\data.ms

(34) Caprolactam

11.997min (+ 0.042) 4.10 ng/ul m 12/6/21 JU

response 2979

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	203.46
56.00	136.50	117.99
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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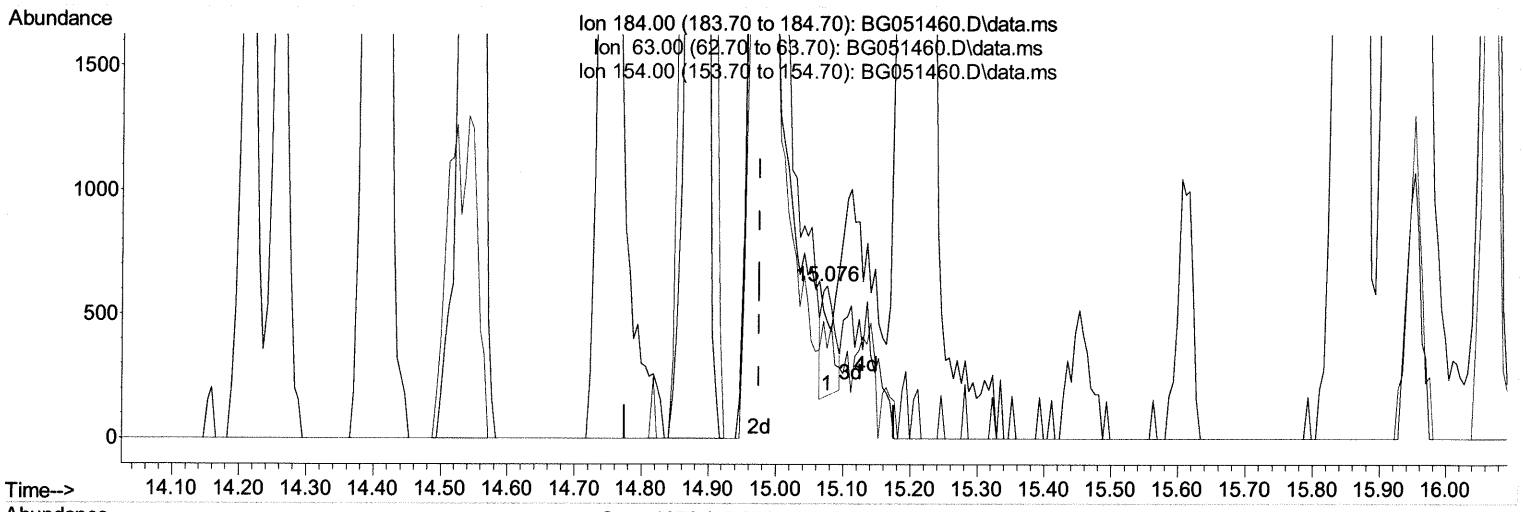

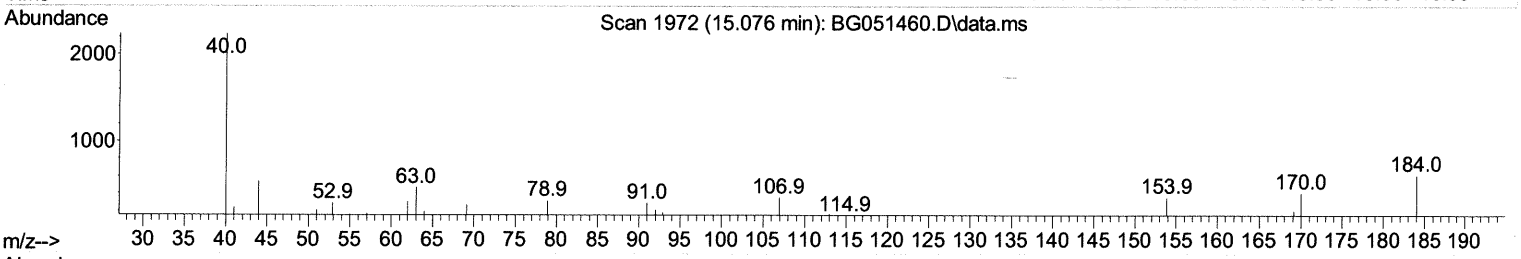

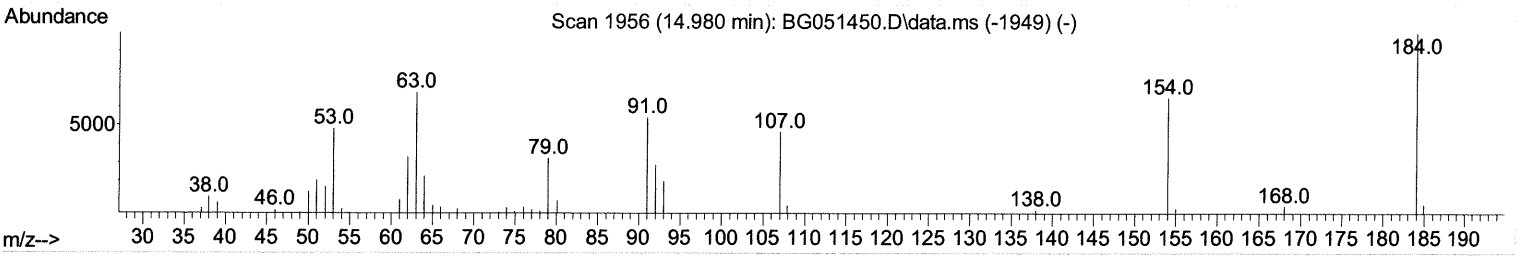

TIC: BG051460.D\data.ms

(53) 2,4-Dinitrophenol

15.076min (+ 0.101) 0.92 ng/ul

response 569

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	76.55
154.00	67.00	59.12
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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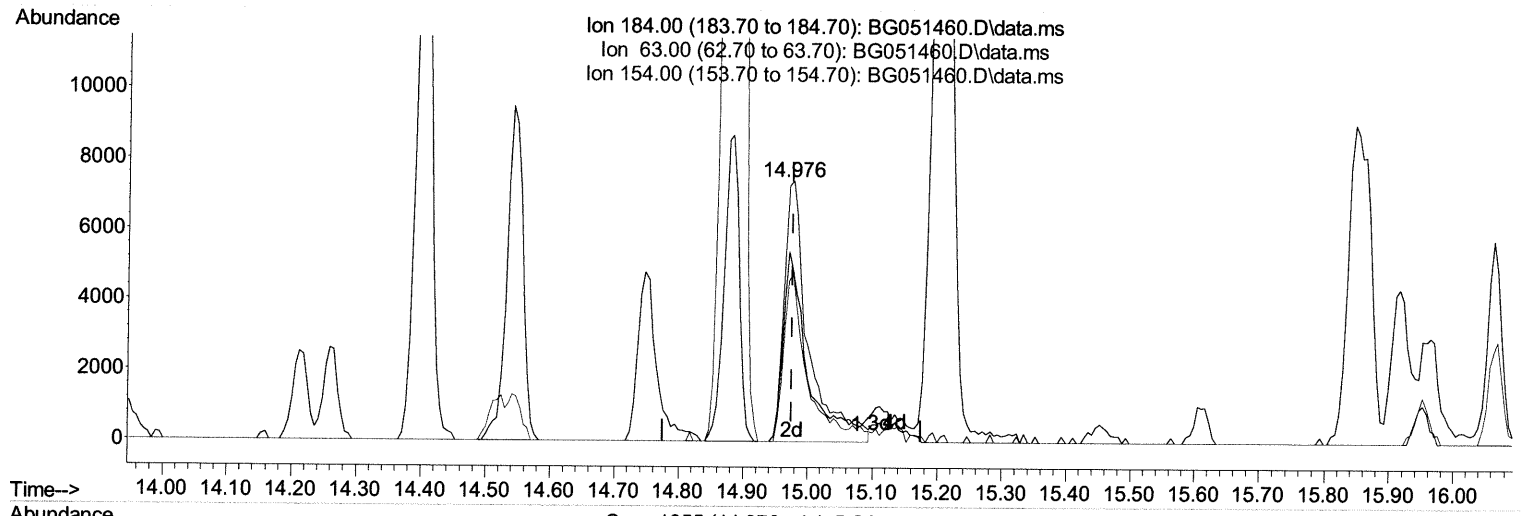

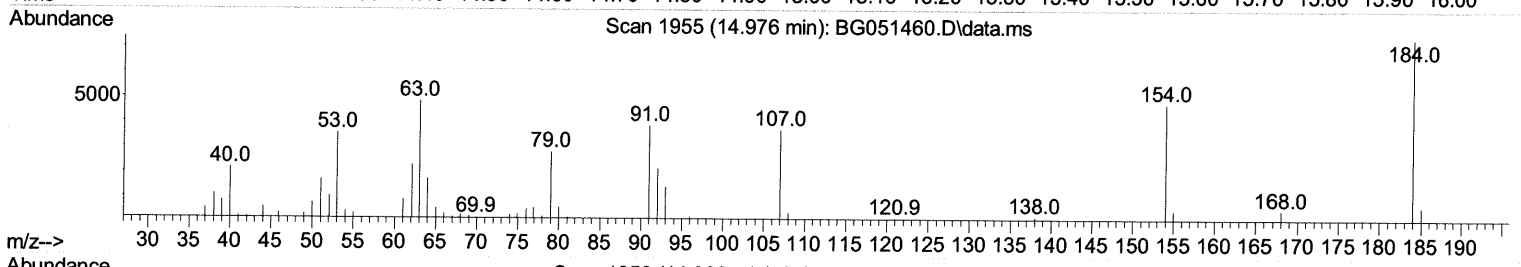

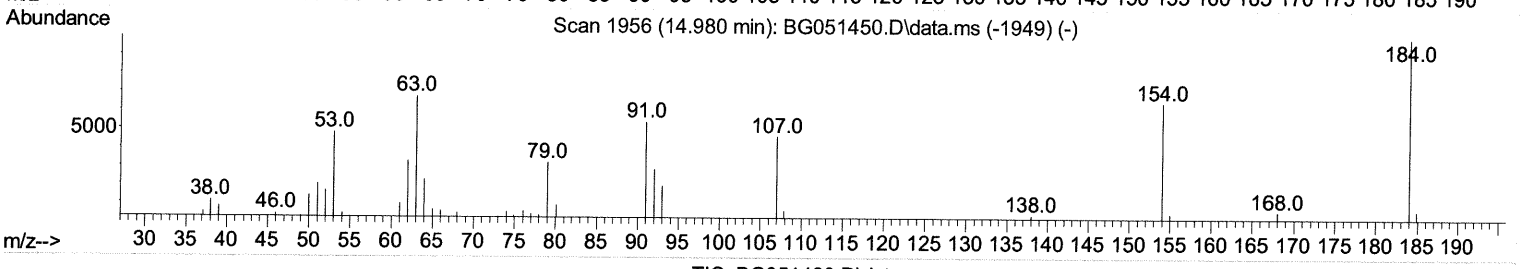

TIC: BG051460.D\data.ms

(53) 2,4-Dinitrophenol

14.976min (+ 0.001) 31.32 ng/ul m 12/16/21-JU

response 19461

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	65.39#
154.00	67.00	64.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
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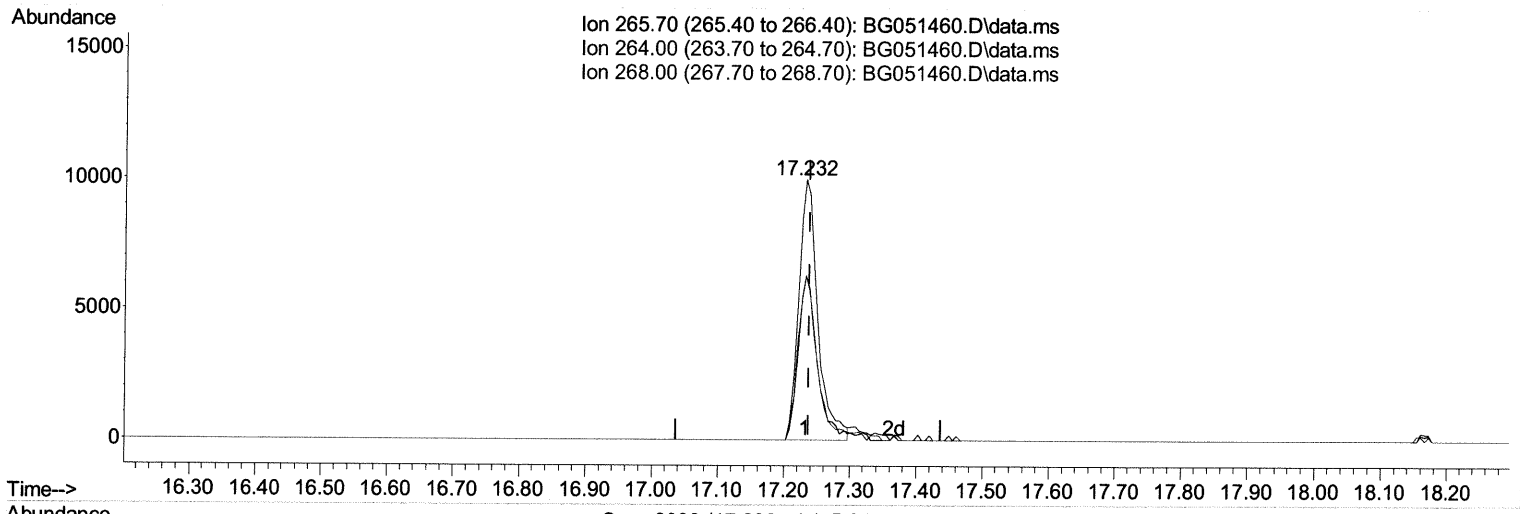

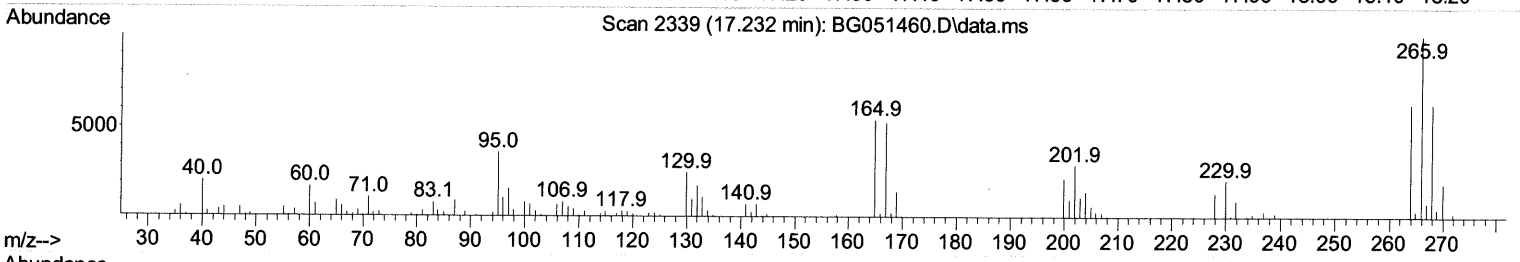

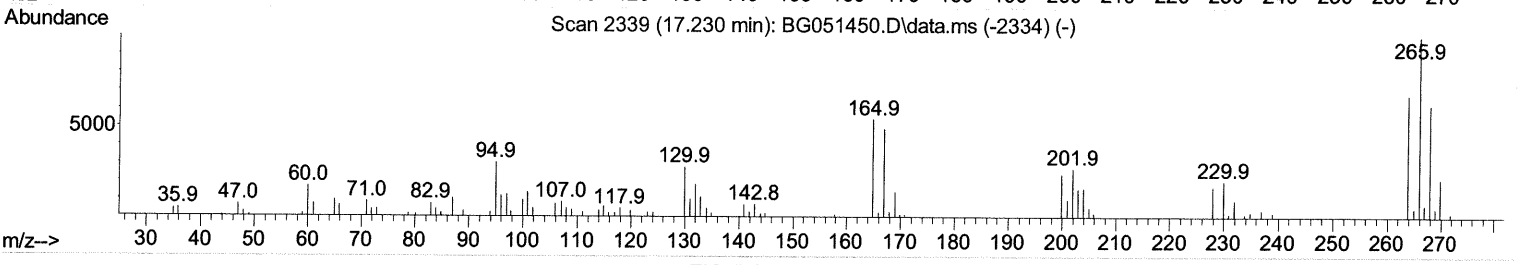

TIC: BG051460.D\data.ms

(71) Pentachlorophenol (C)

17.232min (-0.005) 27.58 ng/ul

response 20119

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	63.09
268.00	63.80	63.02
0.00	0.00	0.00

Quantitation Report (Qedit)

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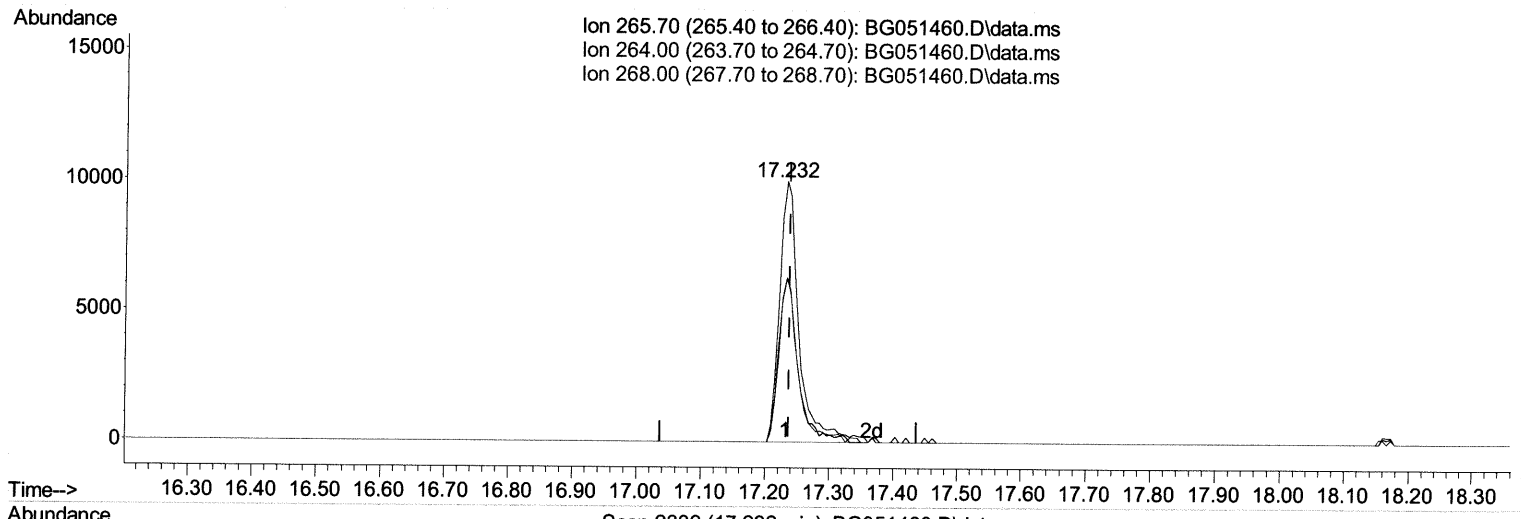

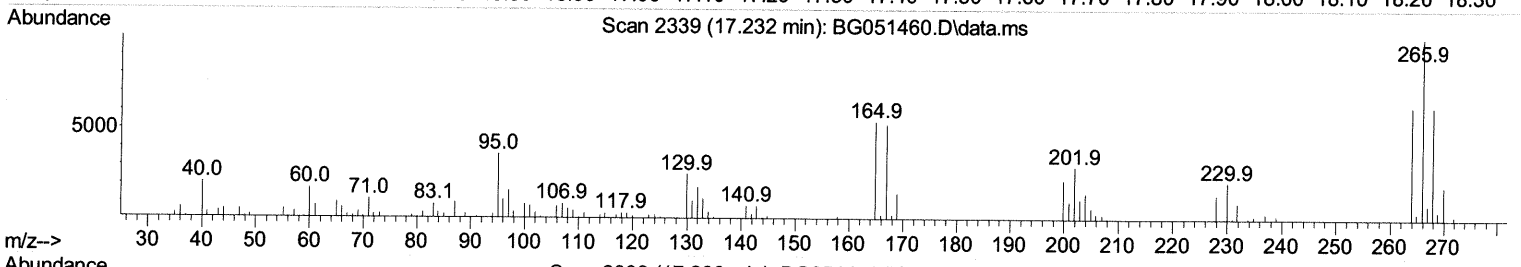

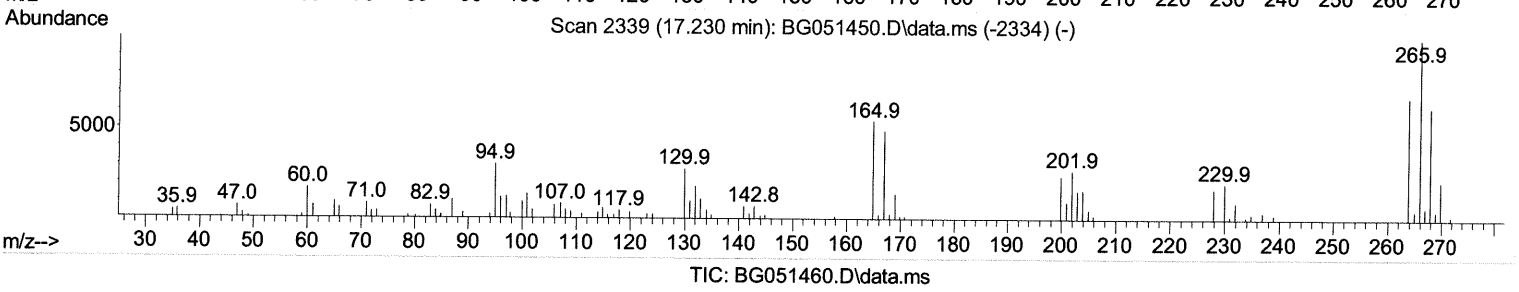

TIC: BG051460.D\data.ms

(71) Pentachlorophenol (C)

17.232min (-0.005) 29.00 ng/ul m 12/6/21-JU

response 21160

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	63.09
268.00	63.80	63.02
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.184	152	24706	20.000	ng/ul	0.00
20) Naphthalene-d8	11.010	136	111870	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.817	164	72807	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.567	188	163733	20.000	ng/ul	0.00
79) Chrysene-d12	21.868	240	145504	20.000	ng/ul	0.00
88) Perylene-d12	25.270	264	143487	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	3876	5.152	ng/uL	0.00
4) Pyridine-d5	3.983	84	12835	5.941	ng/ul	0.02
7) Phenol-d5	7.373	99	16547	6.579	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.502	67	52093	32.298	ng/ul	0.00
11) 2-Chlorophenol-d4	7.725	132	44807	25.040	ng/ul	0.00
15) 4-Methylphenol-d8	8.918	113	30670	15.522	ng/ul	0.00
21) Nitrobenzene-d5	9.365	128	31727	32.694	ng/ul	0.00
24) 2-Nitrophenol-d4	10.093	143	34610	31.517	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.651	165	52804	29.558	ng/ul	0.00
31) 4-Chloroaniline-d4	11.163	131	62899	24.072	ng/ul	0.00
46) Dimethylphthalate-d6	14.218	166	198855	35.297	ng/ul	0.00
49) Acenaphthylene-d8	14.512	160	237178	33.241	ng/ul	0.00
54) 4-Nitrophenol-d4	15.093	143	2145	2.529	ng/ul	0.03
60) Fluorene-d10	15.810	176	177809	35.455	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.951	200	36472	37.485	ng/ul	0.00
73) Anthracene-d10	17.667	188	279650	36.503	ng/ul	0.00
81) Pyrene-d10	19.946	212	324794	37.138	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.035	264	286300	38.685	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.566	88	3987	4.749	ng/uL#	86
5) Pyridine	4.000	79	15140	6.714	ng/ul	87
6) Benzaldehyde	7.326	77	56497m	> 35.334	ng/ul	> 12/16/21 JU
8) Phenol	7.396	94	19500	7.575	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.596	93	63296	32.100	ng/ul	96
12) 2-Chlorophenol	7.755	128	45750	24.959	ng/ul	99
13) 2-Methylphenol	8.648	108	35888	18.724	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.701	45	94796	31.949	ng/ul	98
16) Acetophenone	9.018	105	100131	32.727	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.989	70	58632	31.966	ng/ul	98
18) 4-Methylphenol	8.983	108	31951	15.869	ng/ul	93
19) Hexachloroethane	9.265	117	25347	31.981	ng/ul	94
22) Nitrobenzene	9.412	77	83826	31.750	ng/ul	98
23) Isophorone	9.929	82	157037	30.981	ng/ul	99
25) 2-Nitrophenol	10.128	139	34922	31.759	ng/ul	99
26) 2,4-Dimethylphenol	10.181	107	49294	21.169	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.399	93	87935	32.033	ng/ul	99
29) 2,4-Dichlorophenol	10.675	162	51697	29.516	ng/ul	97
30) Naphthalene	11.063	128	221910	36.122	ng/ul	98
32) 4-Chloroaniline	11.186	127	65822	25.043	ng/ul	99
33) Hexachlorobutadiene	11.321	225	37115	31.067	ng/ul	97
34) Caprolactam	11.997	113	2979m	> 4.105	ng/ul	> 12/16/21 JU
35) 4-Chloro-3-methylphenol	12.308	107	58366	26.827	ng/ul	95

Quantitation Report (QT Reviewed)

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Sample : M4985-15MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 11 01:30:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW5R8MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/13/2021
Supervised By :Yogesh Patel 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.655	142	136198	33.245	ng/ul	98
37) 1-Methylnaphthalene	12.872	142	138941	32.949	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.019	216	73909	32.602	ng/ul	94
40) Hexachlorocyclopentadiene	12.978	237	32892	27.399	ng/ul	97
41) 2,4,6-Trichlorophenol	13.272	196	48649	33.219	ng/ul	99
42) 2,4,5-Trichlorophenol	13.360	196	53828	34.332	ng/ul	97
43) 1,1'-Biphenyl	13.648	154	178696	32.829	ng/ul	98
44) 2-Chloronaphthalene	13.701	162	142536	33.375	ng/ul	99
45) 2-Nitroaniline	13.924	65	56128	34.771	ng/ul	92
47) Dimethylphthalate	14.259	163	196602	34.626	ng/ul	100
48) 2,6-Dinitrotoluene	14.400	165	43191	35.948	ng/ul	99
50) Acenaphthylene	14.547	152	230242	32.701	ng/ul	98
51) 3-Nitroaniline	14.747	138	40116	34.671	ng/ul	94
52) Acenaphthene	14.882	153	154222	33.384	ng/ul	96
53) 2,4-Dinitrophenol	14.976	184	19461m	31.320	ng/ul	12/13/21 JU
55) 4-Nitrophenol	15.134	109	8671	10.276	ng/ul#	24
56) Dibenzofuran	15.217	168	225843	34.482	ng/ul	99
57) 2,4-Dinitrotoluene	15.199	165	62937	36.647	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.452	232	42804	36.032	ng/ul	98
59) Diethylphthalate	15.610	149	215230	35.123	ng/ul	100
61) Fluorene	15.863	166	181933	34.300	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.845	204	97095	34.869	ng/ul	97
63) 4-Nitroaniline	15.916	138	36810	35.840	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.963	198	35969	38.024	ng/ul#	94
67) N-Nitrosodiphenylamine	16.063	169	166240	36.421	ng/ul	97
68) 4-Bromophenyl-phenylether	16.744	248	61482	37.189	ng/ul	92
69) Hexachlorobenzene	16.868	284	62664	37.186	ng/ul	97
70) Atrazine	17.009	200	69110	35.091	ng/ul	99
71) Pentachlorophenol	17.232	266	21160m	29.005	ng/ul	12/13/21 JU
72) Phenanthrene	17.614	178	324418	36.774	ng/ul	99
74) Anthracene	17.702	178	317450	35.947	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.624	216	79465	34.707	ng/uL	99
76) Pentachlorobenzene	15.134	250	71844	34.658	ng/uL	99
77) Carbazole	17.984	167	298664	37.993	ng/ul	98
78) Di-n-butylphthalate	18.495	149	383526	36.390	ng/ul	100
80) Fluoranthene	19.617	202	392986	36.495	ng/ul	96
82) Pyrene	19.982	202	389878	36.895	ng/ul#	95
83) Butylbenzylphthalate	20.834	149	168447	36.549	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.756	252	78648	25.596	ng/ul	99
85) Benzo(a)anthracene	21.850	228	364793	37.953	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.703	149	272108	42.507	ng/ul	99
87) Chrysene	21.921	228	346999	37.862	ng/ul	100
89) Di-n-octyl phthalate	22.960	149	406208	38.494	ng/ul	100
90) Benzo(b)fluoranthene	24.183	252	362517	38.462	ng/ul	98
91) Benzo(k)fluoranthene	24.253	252	335411	38.209	ng/ul	100
93) Benzo(a)pyrene	25.111	252	345046	38.436	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.194	276	375944	37.734	ng/ul	98
95) Dibenzo(a,h)anthracene	29.235	278	312249	37.179	ng/ul	99
96) Benzo(g,h,i)perylene	30.422	276	310675	37.288	ng/ul	97

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