

(OT Reviewed)

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051335.D
Acq On    : 3 Dec 2021 18:45
Operator  : CG/JU
Sample    : M4833-09MS
Misc      :
ALS Vial  : 40 Sample Multiplier: 1
```

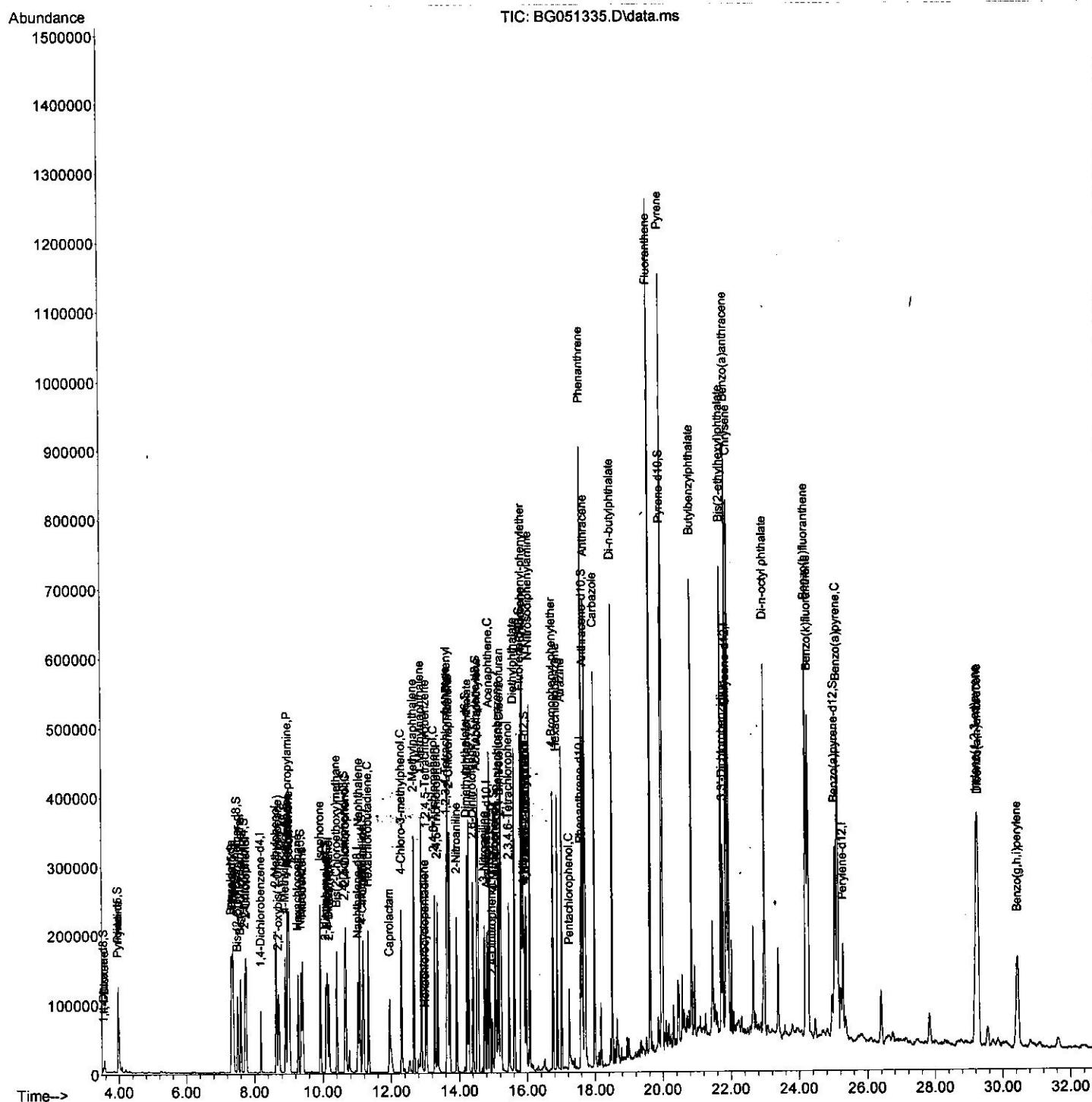
BNA_G

ClientSampleId :
ESQM8MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021

Quant Time: Dec 03 23:37:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

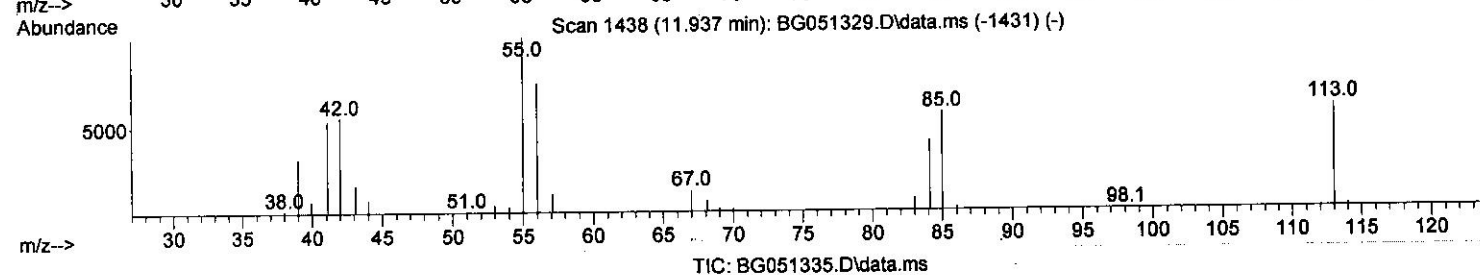
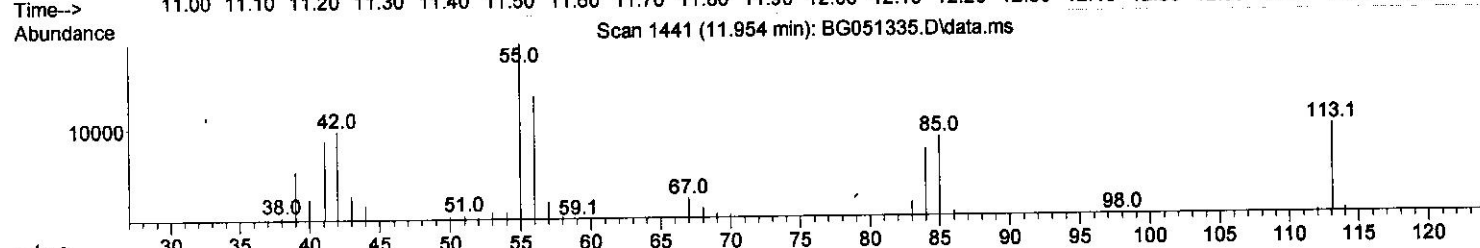
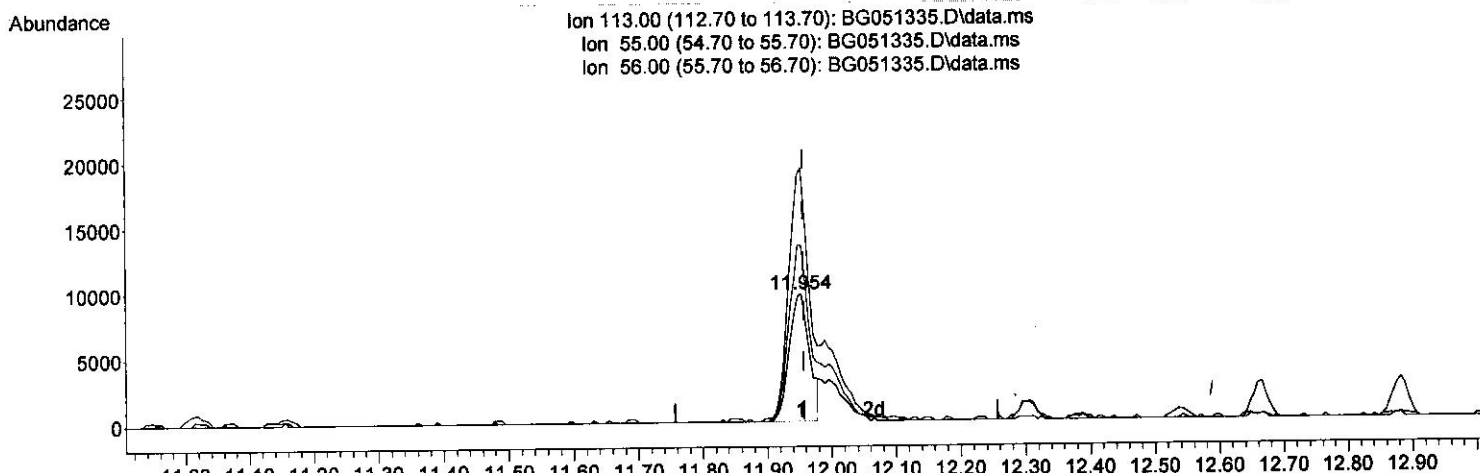
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(34) Caprolactam

11.954min (-0.004) 31.06 ng/ul

response 21250

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	198.13
56.00	136.50	137.92
0.00	0.00	0.00

Quantitation Report (Qedit)

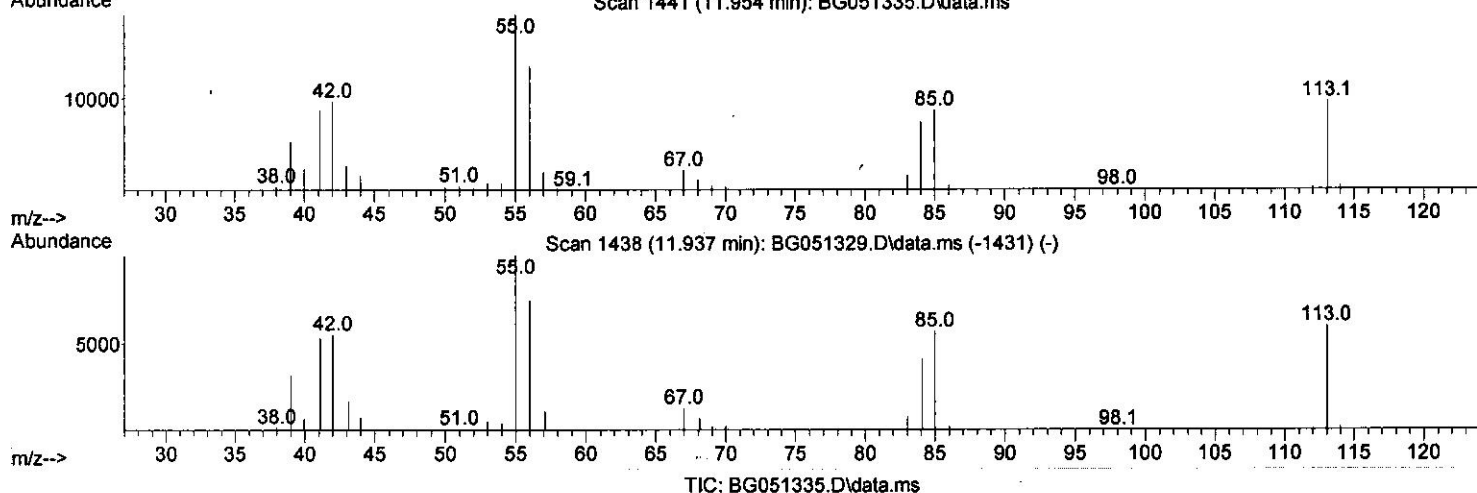
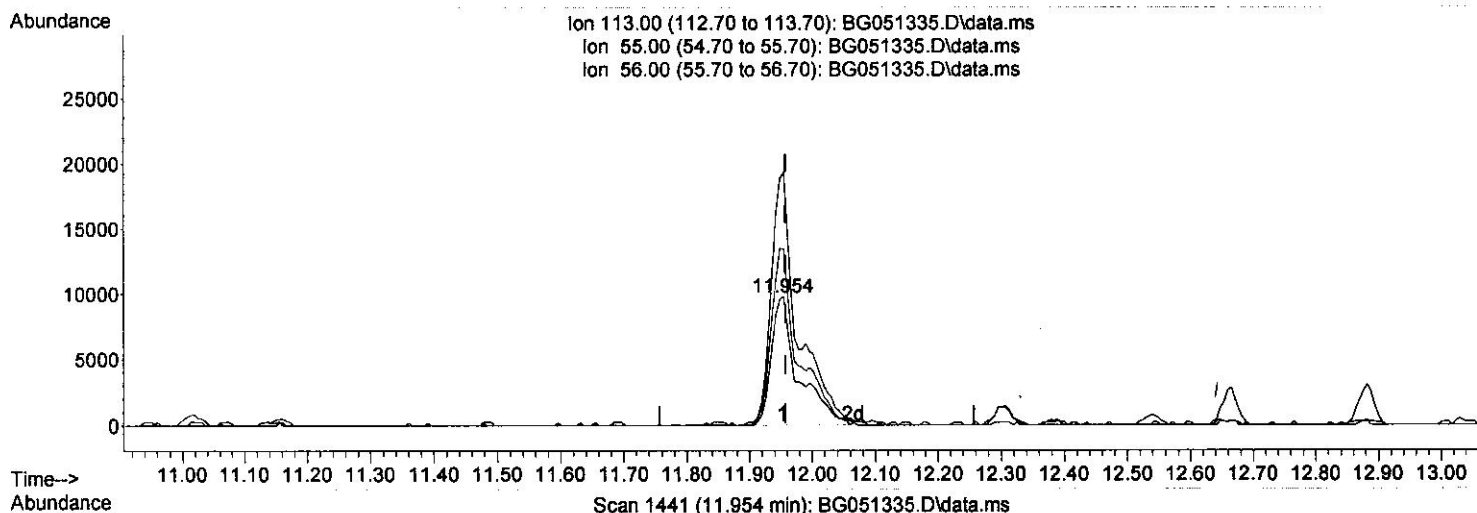
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(34) Caprolactam

11.954min (-0.004) 42.84 ng/ul m 12/11/21

response 29310

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	198.13
56.00	136.50	137.92
0.00	0.00	0.00

Quantitation Report (Qedit)

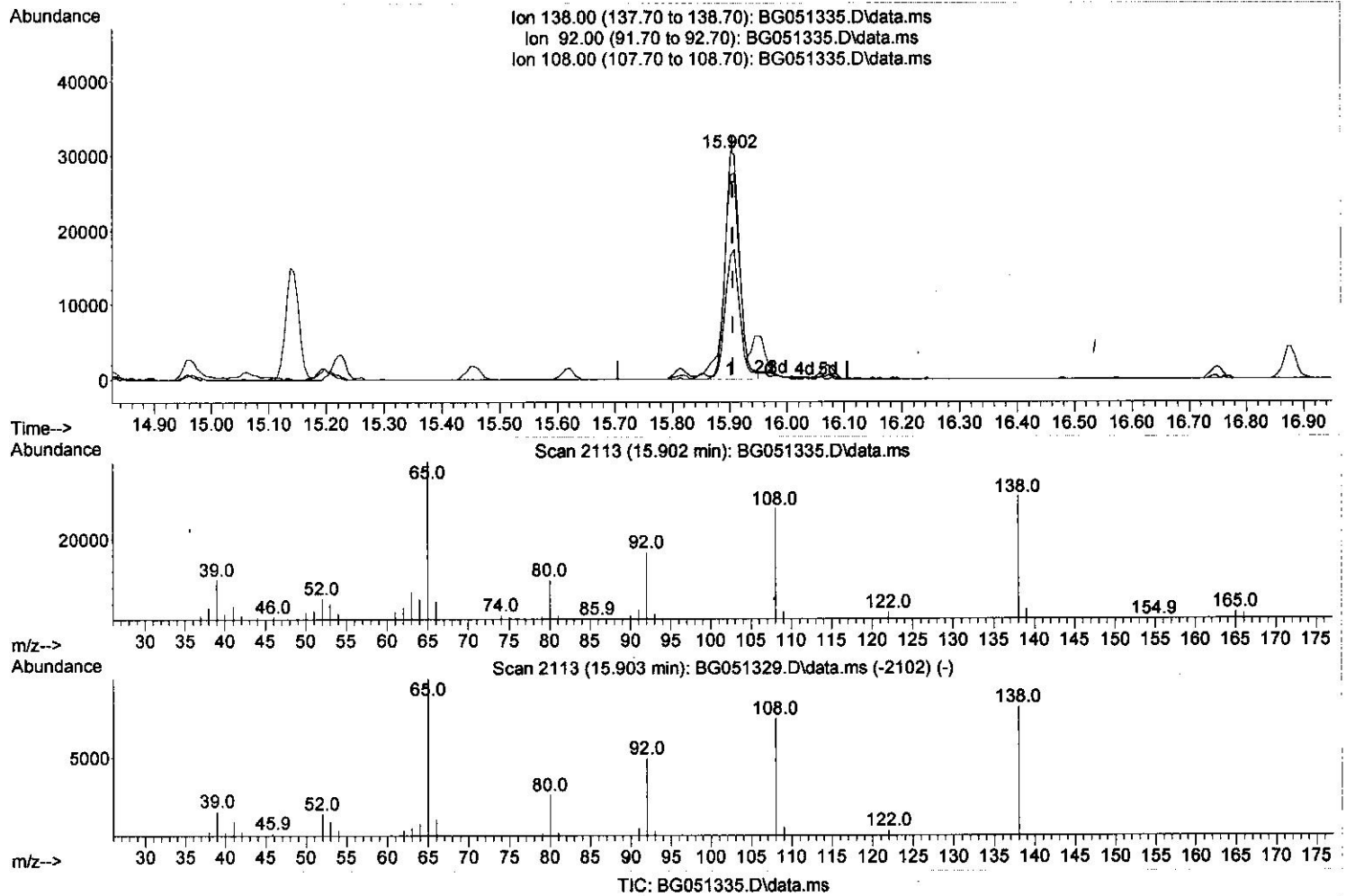
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 Sample : M4833-09MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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 Supervised By :mohammad ahmed 12/07/2021



(63) 4-Nitroaniline

15.902min (-0.004) 49.03 ng/ul

response 56017

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	54.69
108.00	90.70	90.03
0.00	0.00	0.00

Quantitation Report (Qedit)

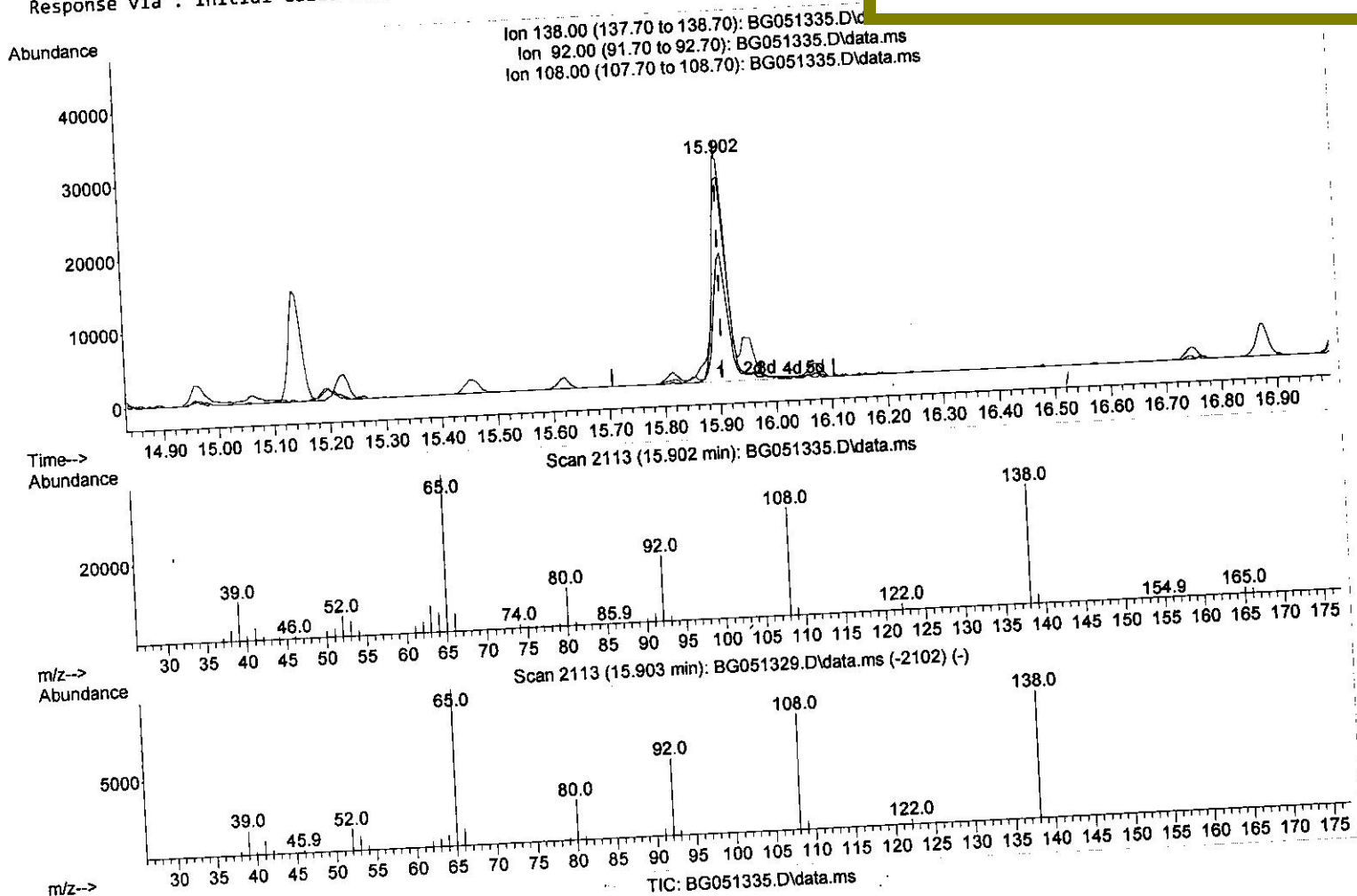
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(63) 4-Nitroaniline

15.902min (-0.004) 50.19 ug/ml m 3 2021

response 57339

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	54.69
108.00	90.70	90.03
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.194	152	25551	20.000	ng/ul	0.00
20) Naphthalene-d8	11.020	136	109426	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.827	164	72604	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.577	188	166696	20.000	ng/ul	0.00
79) Chrysene-d12	21.877	240	140754	20.000	ng/ul	0.00
88) Perylene-d12	25.279	264	141857	20.000	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.534	96	3990	5.427	ng/ul	0.00
4) Pyridine-d5	3.963	84	50868	23.577	ng/ul	-0.02
7) Phenol-d5	7.353	99	87814	34.774	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.506	67	55756	35.155	ng/ul	0.00
11) 2-Chlorophenol-d4	7.723	132	64392	35.410	ng/ul	0.00
15) 4-Methylphenol-d8	8.910	113	64840	31.818	ng/ul	0.00
21) Nitrobenzene-d5	9.369	128	34258	37.087	ng/ul	0.00
24) 2-Nitrophenol-d4	10.097	143	40208	38.588	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.644	165	66275	37.488	ng/ul	0.00
31) 4-Chloroaniline-d4	11.161	131	63163	24.417	ng/ul	0.00
46) Dimethylphthalate-d6	14.222	166	214392	38.377	ng/ul	0.00
49) Acenaphthylene-d8	14.521	160	267986	38.042	ng/ul	0.00
54) 4-Nitrophenol-d4	15.050	143	34133	37.747	ng/ul	0.00
60) Fluorene-d10	15.814	176	198457	39.450	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	33962	33.017	ng/ul	0.00
73) Anthracene-d10	17.677	188	302171	37.902	ng/ul	0.00
81) Pyrene-d10	19.956	212	353423	41.498	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.044	264	305204	40.285	ng/ul	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.570	88	10130	12.216	ng/ul#	96
5) Pyridine	3.981	79	65024	28.963	ng/ul	98
6) Benzaldehyde	7.324	77	63502	39.486	ng/ul	94
8) Phenol	7.383	94	103812	39.683	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.600	93	76225	38.514	ng/ul	97
12) 2-Chlorophenol	7.759	128	71623	38.651	ng/ul	99
13) 2-Methylphenol	8.640	108	71008	36.440	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.711	45	111416	39.011	ng/ul	98
16) Acetophenone	9.022	105	121549	38.562	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.993	70	69950	38.618	ng/ul	96
18) 4-Methylphenol	8.975	108	78240	37.549	ng/ul	93
19) Hexachloroethane	9.275	117	29871	38.164	ng/ul	98
22) Nitrobenzene	9.416	77	102121	42.162	ng/ul	97
23) Isophorone	9.927	82	191731	40.745	ng/ul	98
25) 2-Nitrophenol	10.127	139	44300	41.046	ng/ul	98
26) 2,4-Dimethylphenol	10.179	107	46940	21.272	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.409	93	104408	40.191	ng/ul	97
29) 2,4-Dichlorophenol	10.673	162	71214	40.921	ng/ul	94
30) Naphthalene	11.072	128	244384	41.045	ng/ul	97
32) 4-Chloroaniline	11.184	127	89536	34.477	ng/ul	96
33) Hexachlorobutadiene	11.331	225	46405	38.659	ng/ul	99
34) Caprolactam	11.954	113	29310m	42.841	ng/ul	
35) 4-Chloro-3-methylphenol	12.306	107	89415	42.771	ng/ul	99

30
12/7/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.665	142	164302	40.569	ng/ul	99
37) 1-Methylnaphthalene	12.882	142	165299	39.672	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.023	216	94958	41.660	ng/ul	98
40) Hexachlorocyclopentadiene	12.994	237	7375	8.005	ng/ul	93
41) 2,4,6-Trichlorophenol	13.270	196	61192	42.781	ng/ul	97
42) 2,4,5-Trichlorophenol	13.352	196	66759	44.569	ng/ul	98
43) 1,1'-Biphenyl	13.658	154	218568	40.305	ng/ul	96
44) 2-Chloronaphthalene	13.711	162	176277	40.865	ng/ul	99
45) 2-Nitroaniline	13.916	65	67549	45.246	ng/ul	91
47) Dimethylphthalate	14.263	163	234119	41.403	ng/ul	99
48) 2,6-Dinitrotoluene	14.404	165	52816	44.466	ng/ul	93
50) Acenaphthylene	14.551	152	286561	41.174	ng/ul	98
51) 3-Nitroaniline	14.739	138	52511	44.725	ng/ul	96
52) Acenaphthene	14.892	153	197537	43.037	ng/ul	96
53) 2,4-Dinitrophenol	14.962	184	19085	29.069	ng/ul	91
55) 4-Nitrophenol	15.062	109	35878	45.737	ng/ul	92
56) Dibenzofuran	15.221	168	274945	41.529	ng/ul	99
57) 2,4-Dinitrotoluene	15.197	165	77755	45.833	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.456	232	51461	43.751	ng/ul	97
59) Diethylphthalate	15.620	149	256193	43.163	ng/ul	99
61) Fluorene	15.873	166	236321	44.563	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.855	204	116508	40.767	ng/ul	94
63) 4-Nitroaniline	15.902	138	57339m	50.186	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.967	198	39728	40.047	ng/ul#	96
67) N-Nitrosodiphenylamine	16.073	169	204072	42.763	ng/ul	99
68) 4-Bromophenyl-phenylether	16.748	248	75772	42.412	ng/ul	95
69) Hexachlorobenzene	16.877	284	79980	43.903	ng/ul	97
70) Atrazine	17.013	200	83359	41.563	ng/ul	100
71) Pentachlorophenol	17.230	266	20843	25.820	ng/ul	97
72) Phenanthrene	17.618	178	551784	59.951	ng/ul	99
74) Anthracene	17.712	178	416834	45.601	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.628	216	95153	39.134	ng/ul	95
76) Pentachlorobenzene	15.144	250	90124	39.781	ng/ul	99
77) Carbazole	17.982	167	371601	46.314	ng/ul	99
78) Di-n-butylphthalate	18.505	149	456393	44.115	ng/ul	99
80) Fluoranthene	19.621	202	747633	71.472	ng/ul	98
82) Pyrene	19.986	202	682228	66.673	ng/ul	98
83) Butylbenzylphthalate	20.843	149	189853	44.630	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.760	252	101217	30.886	ng/ul	98
85) Benzo(a)anthracene	21.860	228	557830	58.432	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.713	149	274617	44.862	ng/ul	99
87) Chrysene	21.930	228	523592	57.091	ng/ul	98
89) Di-n-octyl phthalate	22.976	149	461678	44.923	ng/ul	100
90) Benzo(b)fluoranthene	24.192	252	559574	58.451	ng/ul	99
91) Benzo(k)fluoranthene	24.263	252	457374	50.911	ng/ul	98
93) Benzo(a)pyrene	25.121	252	509495	55.785	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.216	276	533485	52.198	ng/ul	99
95) Dibenzo(a,h)anthracene	29.263	278	410107	47.298	ng/ul	97
96) Benzo(g,h,i)perylene	30.432	276	274726	31.949	ng/ul	96

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