

(QT Reviewed)

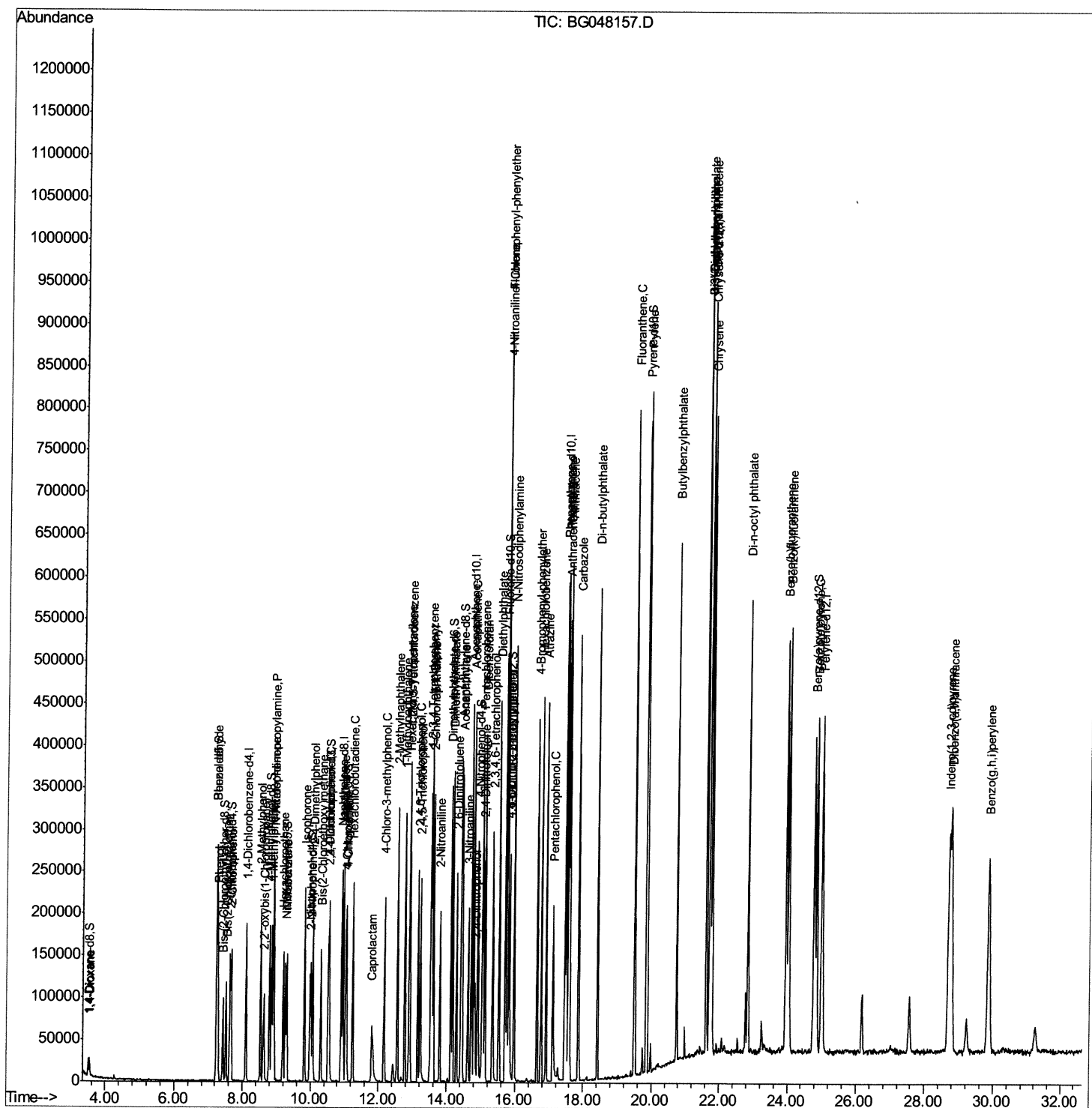
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Data Path   : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021321\  
Data File  : BG048157.D  
Acq On     : 12 Feb 2021   20:48  
Operator   : CG/JU  
Sample     : SSTDICV020  
Misc       :  
ALS Vial   : 8      Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
SICV31

Manual Integrations
APPROVED

mohammad
2/15/2021 11:32:22 AM

Quant Time: Feb 15 06:29:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 06:21:07 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

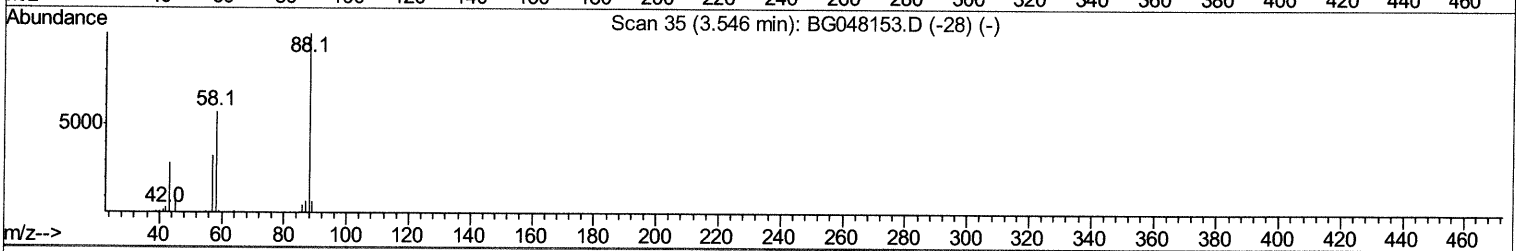
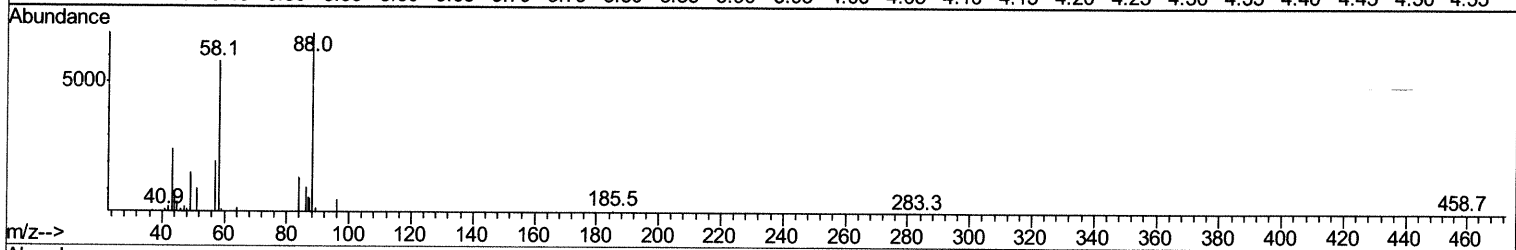
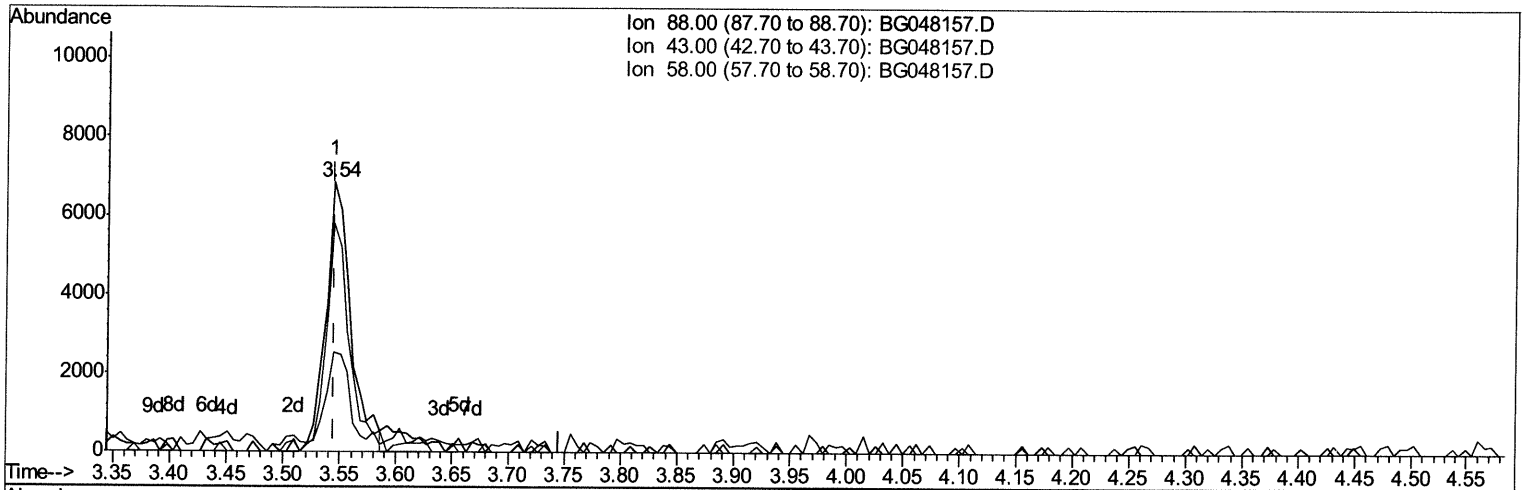
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TIC: BG048157.D

(2) 1,4-Dioxane

3.544min (-0.001) 7.34ng/uL

response 10597

Ion	Exp%	Act%
88.00	100	100
43.00	33.40	36.65
58.00	79.50	84.44
0.00	0.00	0.00

Quantitation Report (Qedit)

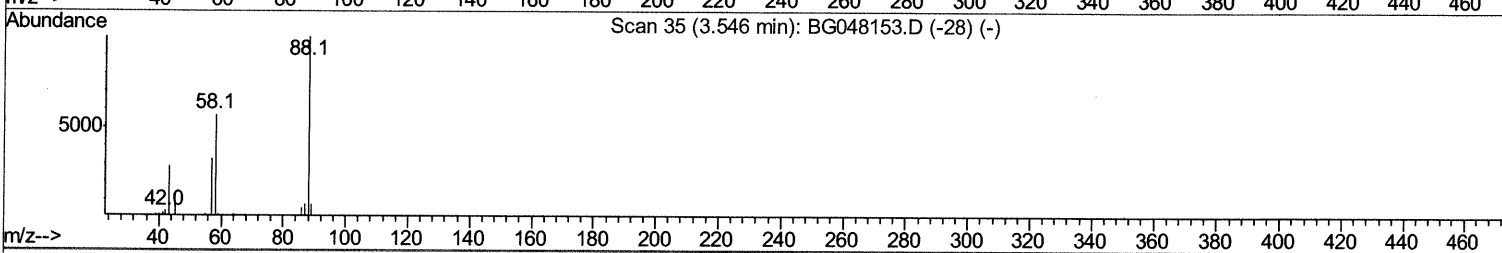
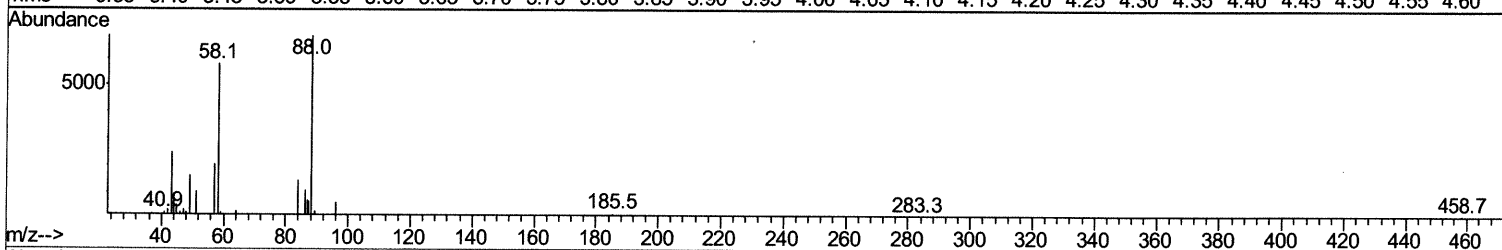
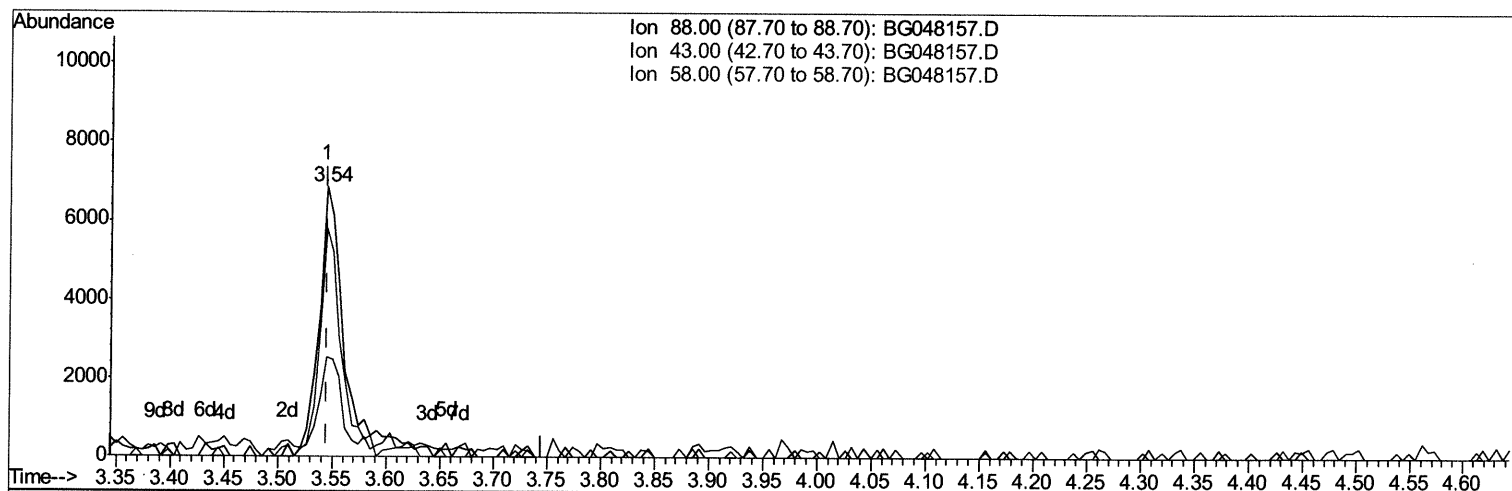
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TIC: BG048157.D

(2) 1,4-Dioxane

3.544min (-0.001) 8.19ng/uL m 02/15/21 JU

response 11824

Ion	Exp%	Act%
88.00	100	100
43.00	33.40	36.65
58.00	79.50	84.44
0.00	0.00	0.00

Quantitation Report (Qedit)

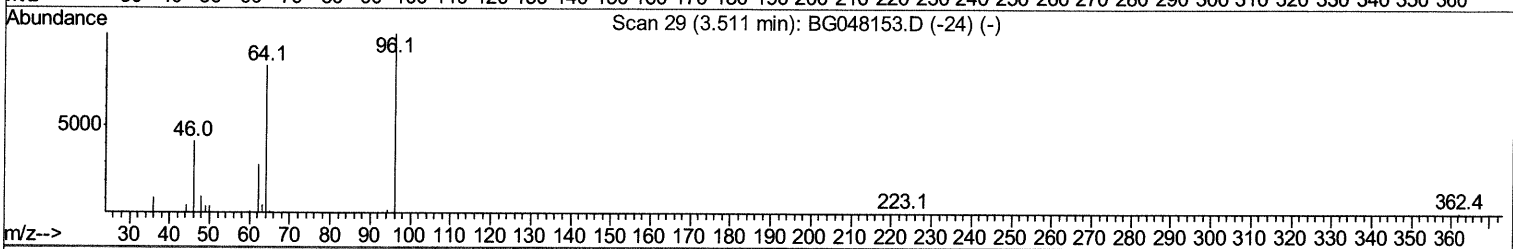
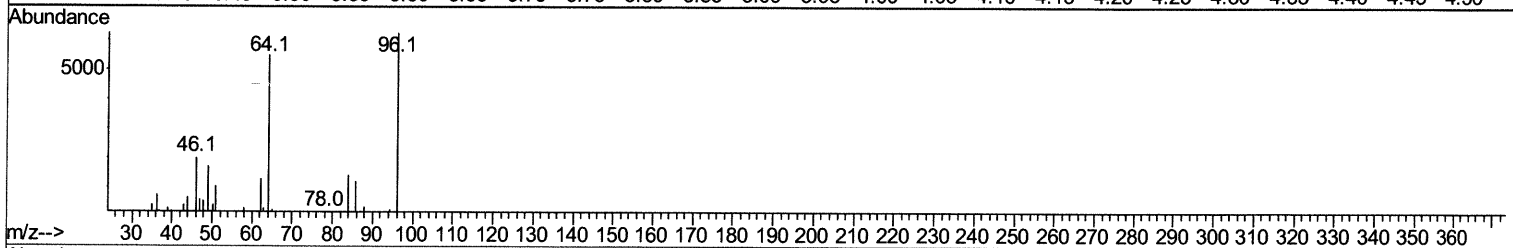
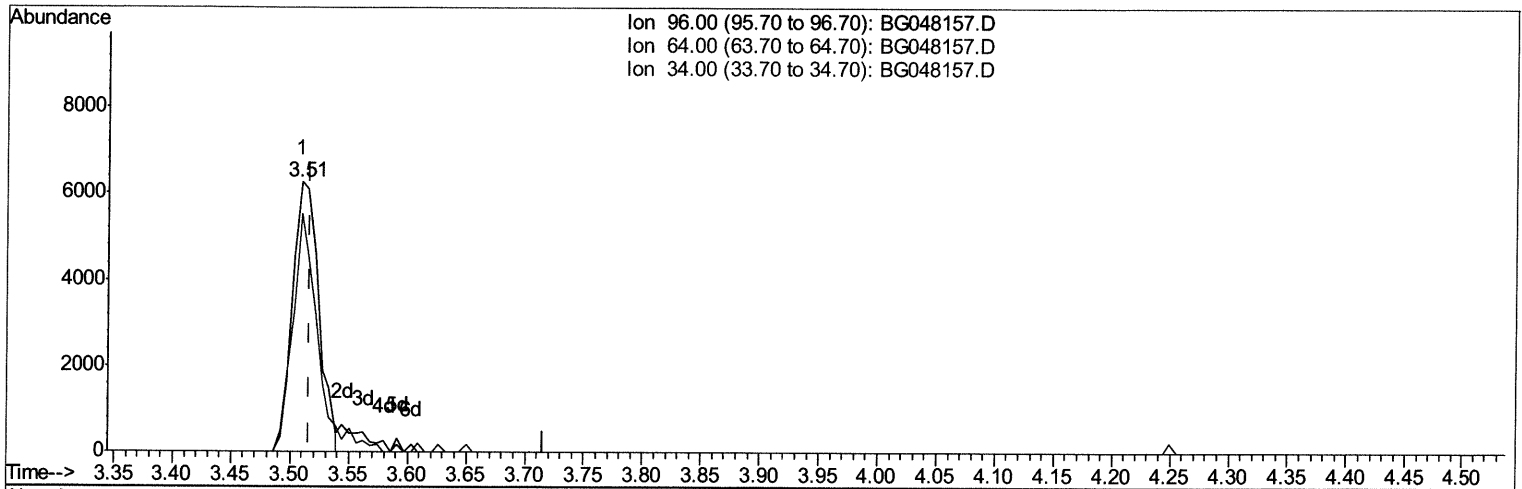
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(3) 1,4-Dioxane-d8 (S)

3.509min (-0.007) 7.64ng/uL

response 9618

Ion	Exp%	Act%
96.00	100	100
64.00	60.20	88.32#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

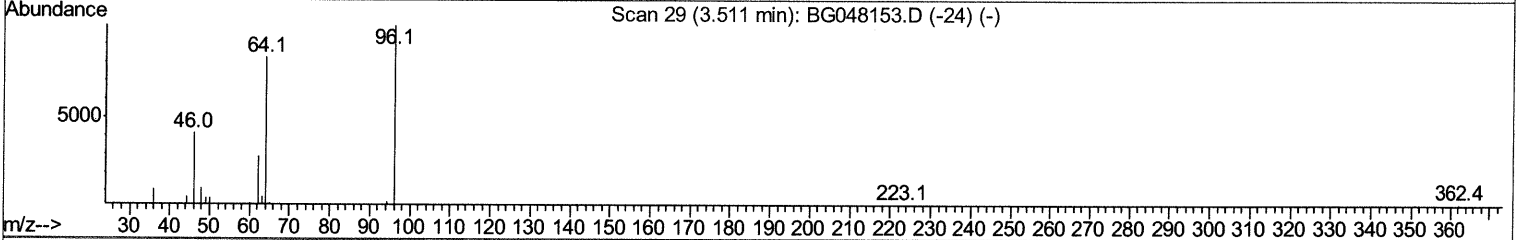
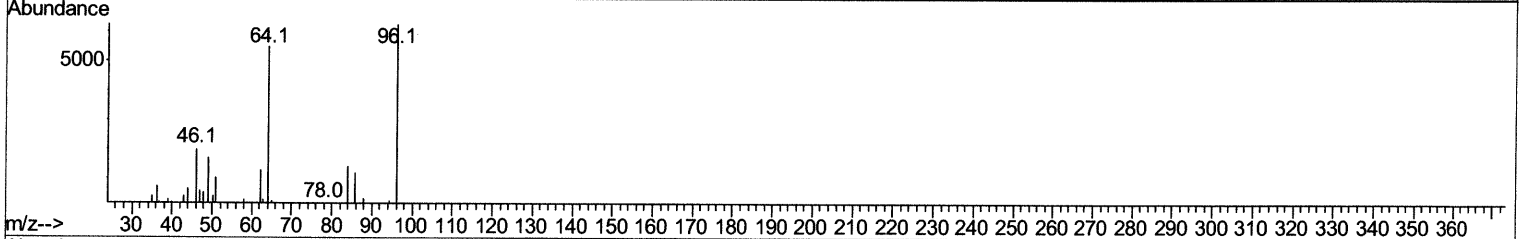
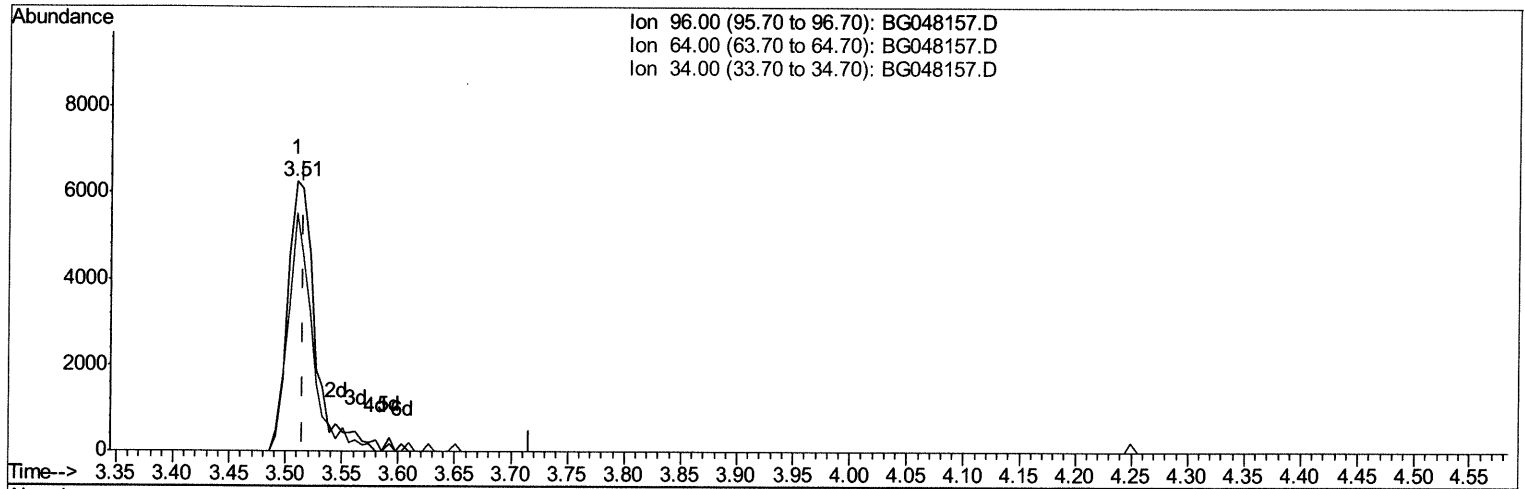
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TIC: BG048157.D

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

3.509min (-0.007) 8.38ng/uL m 02/15/21JU

response 10544

Ion	Exp%	Act%
96.00	100	100
64.00	60.20	88.32#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

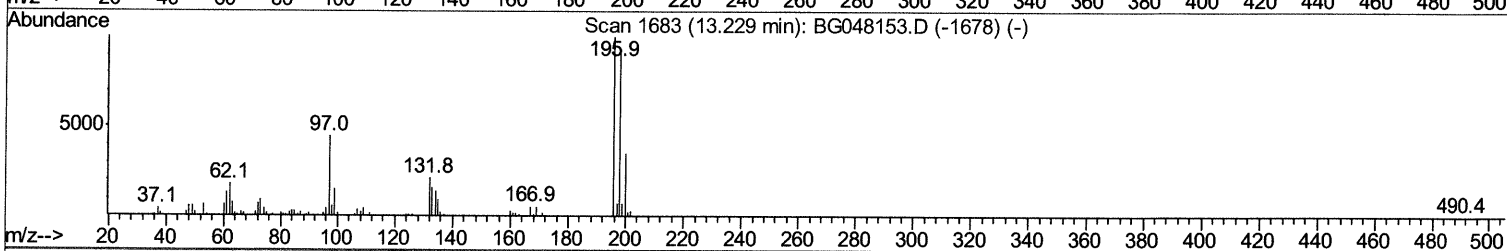
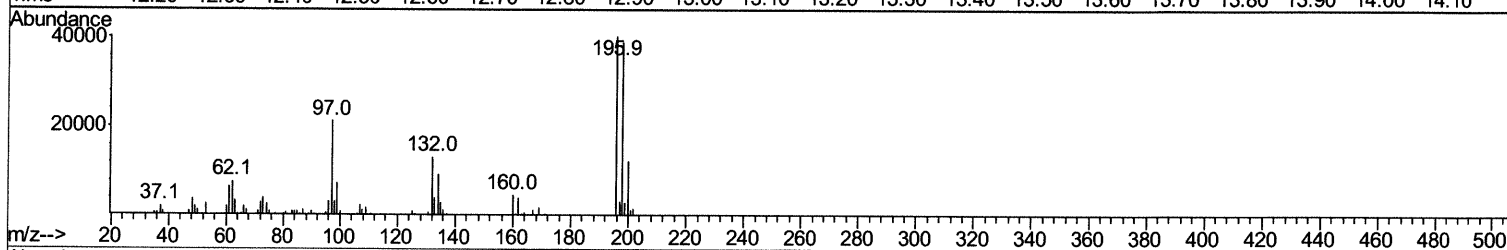
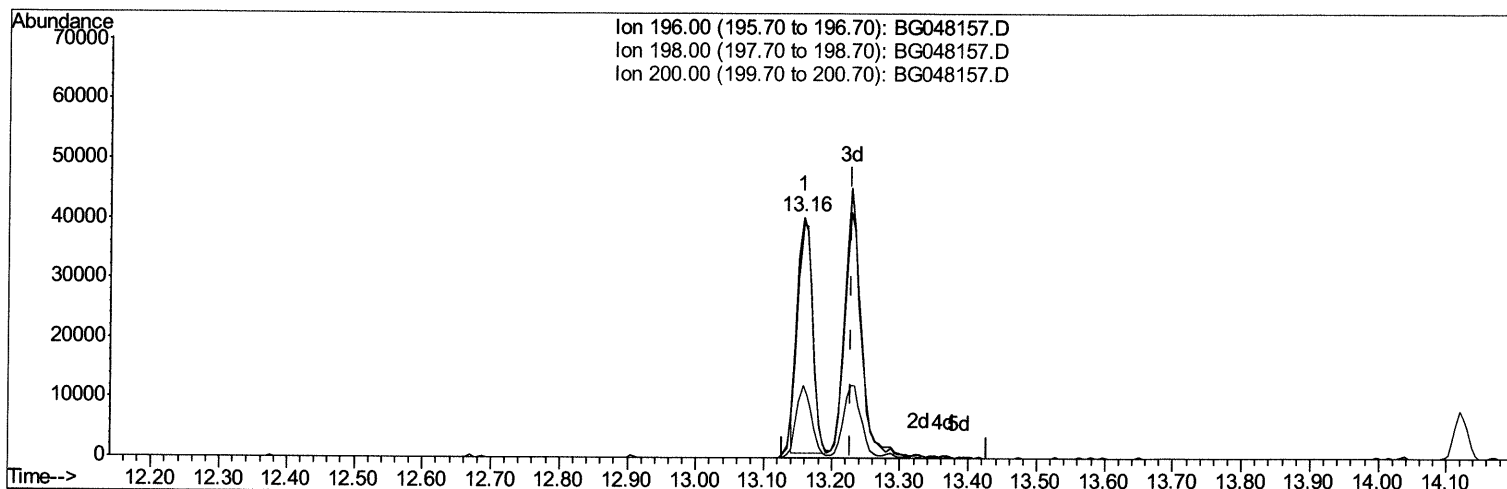
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TIC: BG048157.D

(40) 2,4,5-Trichlorophenol

13.157min (-0.071) 18.14ng/ul

response 61757

Ion	Exp%	Act%
196.00	100	100
198.00	96.70	96.61
200.00	36.90	30.22
0.00	0.00	0.00

Quantitation Report (Qedit)

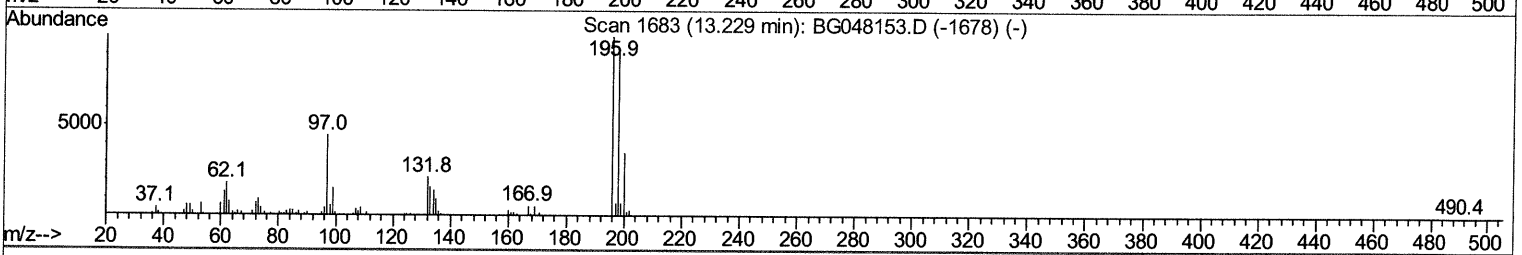
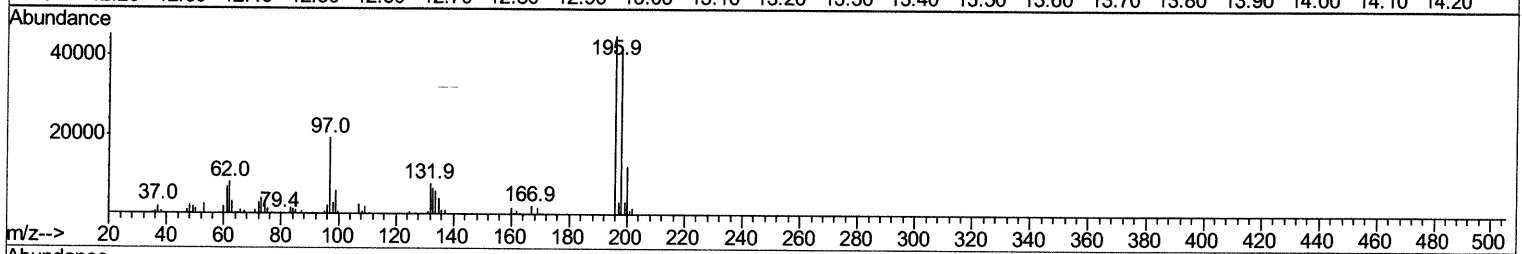
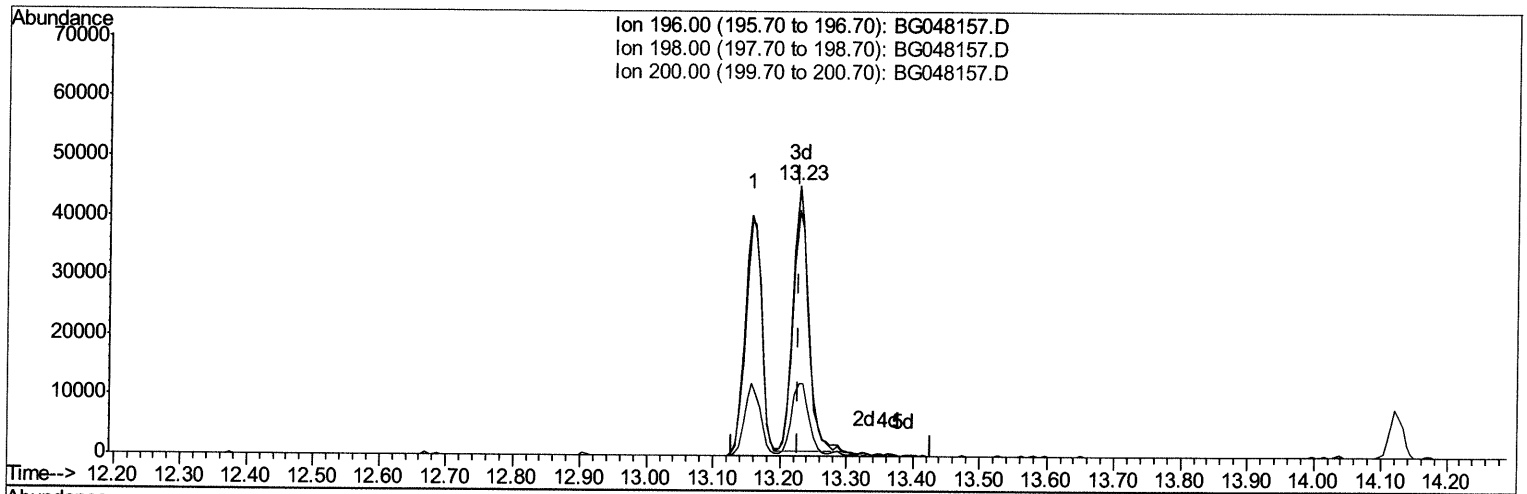
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(40) 2,4,5-Trichlorophenol

13.227min (-0.001) 20.57ng/ul m 02/15/2021

response 70055

Ion	Exp%	Act%
196.00	100	100
198.00	96.70	90.74
200.00	36.90	26.88#
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	8.10	152	52409	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	199383	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	151273	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	387387	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	417152	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	426570	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	10544m>	8.38	ng/uL >	0.00	02/15/21 JU
5) Phenol-d5	7.25	99	84255	19.08	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.42	67	52197	19.85	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.63	132	60714	19.59	ng/ul	0.00	
13) 4-Methylphenol-d8	8.80	113	66131	19.09	ng/ul	0.00	
19) Nitrobenzene-d5	9.26	128	30262	20.32	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.99	143	35567	19.74	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.52	165	70944	20.11	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.04	131	79482	22.80	ng/ul	0.00	
44) Dimethylphthalate-d6	14.12	166	222789	19.88	ng/ul	0.00	
47) Acenaphthylene-d8	14.42	160	268827	19.63	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.90	143	39319	20.65	ng/ul	0.00	
58) Fluorene-d10	15.71	176	199959	20.01	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.82	200	45754	19.26	ng/ul	0.00	
71) Anthracene-d10	17.56	188	333014	20.05	ng/ul	0.00	
79) Pyrene-d10	19.84	212	413350	19.84	ng/ul	0.00	
90) Benzo(a)pyrene-d12	24.77	264	430567	19.79	ng/ul	0.00	

Target Compounds

				Ovalue		
2) 1,4-Dioxane	3.54	88	11824m >	8.190	ng/uL >	02/15/21 JU
4) Benzaldehyde	7.23	77	63617	24.505	ng/ul	95
6) Phenol	7.28	94	86336	18.937	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.52	93	66402	19.285	ng/ul	93
10) 2-Chlorophenol	7.66	128	63830	19.466	ng/ul	98
11) 2-Methylphenol	8.53	108	62074	18.819	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.63	45	86235	19.162	ng/ul#	94
14) Acetophenone	8.92	105	109519	19.413	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.90	70	60143	19.198	ng/ul#	90
16) 4-Methylphenol	8.86	108	66154	18.586	ng/ul	82
17) Hexachloroethane	9.19	117	27418	18.719	ng/ul	95
20) Nitrobenzene	9.30	77	90736	20.002	ng/ul	97
21) Isophorone	9.83	82	164042	20.468	ng/ul	94
23) 2-Nitrophenol	10.02	139	38188	20.788	ng/ul	92
24) 2,4-Dimethylphenol	10.07	107	80910	19.903	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.31	93	91237	20.195	ng/ul	96
27) 2,4-Dichlorophenol	10.55	162	66686	19.758	ng/ul#	94
28) Naphthalene	10.96	128	204029	20.288	ng/ul	98
30) 4-Chloroaniline	11.07	127	83358	23.308	ng/ul	90
31) Hexachlorobutadiene	11.25	225	58666	19.929	ng/ul	97
32) Caprolactam	11.81	113	23130	19.638	ng/ul	97
33) 4-Chloro-3-methylphenol	12.18	107	74513	19.940	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	149085	19.503	ng/ul	91

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35) 1-Methylnaphthalene	12.78	142	145245	19.643	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	107225	19.704	ng/uL	97
38) Hexachlorocyclopentadiene	12.90	237	67927	19.361	ng/uL	94
39) 2,4,6-Trichlorophenol	13.16	196	68152	20.339	ng/uL	100
40) 2,4,5-Trichlorophenol	13.23	196	70055m	20.572	ng/uL	> 02/15/21 JU
41) 1,1'-Biphenyl	13.56	154	207953	20.040	ng/uL	95
42) 2-Chloronaphthalene	13.60	162	172834	20.214	ng/uL	97
43) 2-Nitroaniline	13.80	65	61838	20.913	ng/uL	98
45) Dimethylphthalate	14.17	163	233942	20.197	ng/uL	99
46) 2,6-Dinitrotoluene	14.28	165	48376	19.858	ng/uL	98
48) Acenaphthylene	14.45	152	241721	19.732	ng/uL	100
49) 3-Nitroaniline	14.62	138	44578	21.710	ng/uL	90
50) Acenaphthene	14.79	153	178903	19.458	ng/uL	96
51) 2,4-Dinitrophenol	14.83	184	28234	18.558	ng/uL	90
53) 4-Nitrophenol	14.91	109	42134	19.602	ng/uL	94
54) Dibenzofuran	15.12	168	264899	19.741	ng/uL	98
55) 2,4-Dinitrotoluene	15.07	165	73713	21.066	ng/uL	95
56) 2,3,4,6-Tetrachlorophenol	15.34	232	70674	20.301	ng/uL#	97
57) Diethylphthalate	15.53	149	236213	19.755	ng/uL	100
59) Fluorene	15.77	166	213526	19.683	ng/uL	97
60) 4-Chlorophenyl-phenylether	15.76	204	127100	19.530	ng/uL	95
61) 4-Nitroaniline	15.78	138	49260	21.311	ng/uL	98
64) 4,6-Dinitro-2-methylphenol	15.84	198	45869	19.380	ng/uL	98
65) N-Nitrosodiphenylamine	15.97	169	198342	19.949	ng/uL	95
66) 4-Bromophenyl-phenylether	16.65	248	91766	20.041	ng/uL	93
67) Hexachlorobenzene	16.77	284	94295	19.428	ng/uL	92
68) Atrazine	16.91	200	93331	20.992	ng/uL	92
69) Pentachlorophenol	17.11	266	50943	18.797	ng/uL	92
70) Phenanthrene	17.51	178	385581	19.810	ng/uL	98
72) Anthracene	17.60	178	391225	19.926	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	112566	19.448	ng/uL	89
74) Pentachlorobenzene	15.04	250	111560	19.656	ng/uL	95
75) Carbazole	17.86	167	343288	20.907	ng/uL	98
76) Di-n-butylphthalate	18.42	149	412710	20.606	ng/uL#	96
77) Fluoranthene	19.51	202	514466	21.679	ng/uL	99
80) Pvrene	19.87	202	511152	19.722	ng/uL	98
81) Butylbenzylphthalate	20.75	149	183151	20.195	ng/uL	97
82) 3,3'-Dichlorobenzidine	21.63	252	191215	22.404	ng/uL#	99
83) Benzo(a)anthracene	21.72	228	522962	20.066	ng/uL	96
84) Bis(2-ethylhexyl)phthalate	21.62	149	261198	19.835	ng/uL#	97
85) Chrysene	21.78	228	496679	19.941	ng/uL	97
87) Di-n-octyl phthalate	22.85	149	455870	20.812	ng/uL	100
88) Benzo(b)fluoranthene	23.96	252	533297	19.909	ng/uL	93
89) Benzo(k)fluoranthene	24.03	252	514848	19.625	ng/uL	99
91) Benzo(a)pyrene	24.85	252	460232	19.527	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	28.71	276	587149	19.473	ng/uL	100
93) Dibenzo(a,h)anthracene	28.78	278	489613	19.419	ng/uL#	96
94) Benzo(a,h,i)perylene	29.88	276	487058	19.425	ng/uL	98

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

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