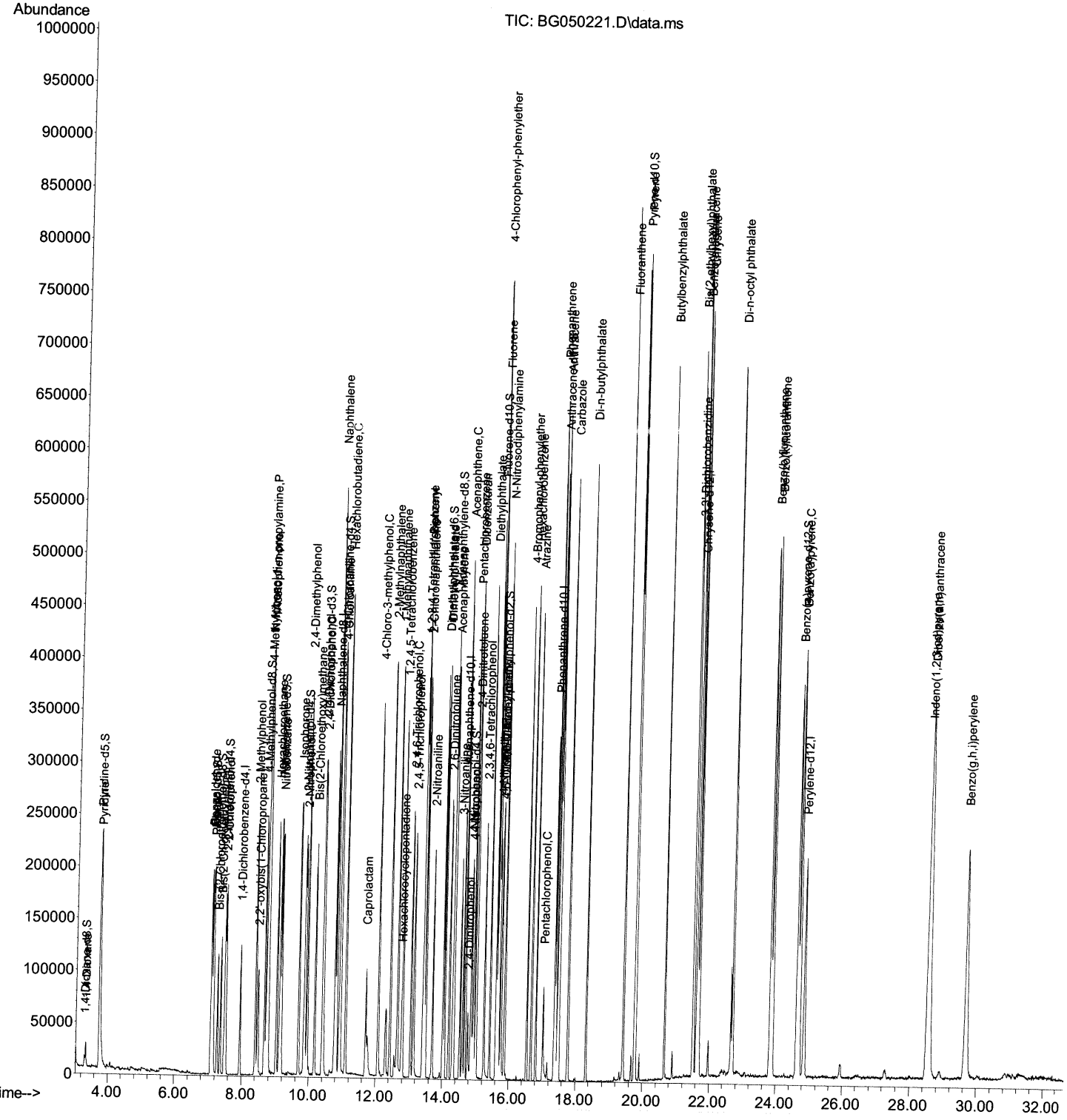
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050221.D
Acq On : 9 Sep 2021 7:07
Operator : CG/JU
Sample : PB138917BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Sep 09 08:13:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS917

Manual Integrations APPROVED
mohammad
9/9/2021 11:47:21 AM



Quantitation Report (Qedit)

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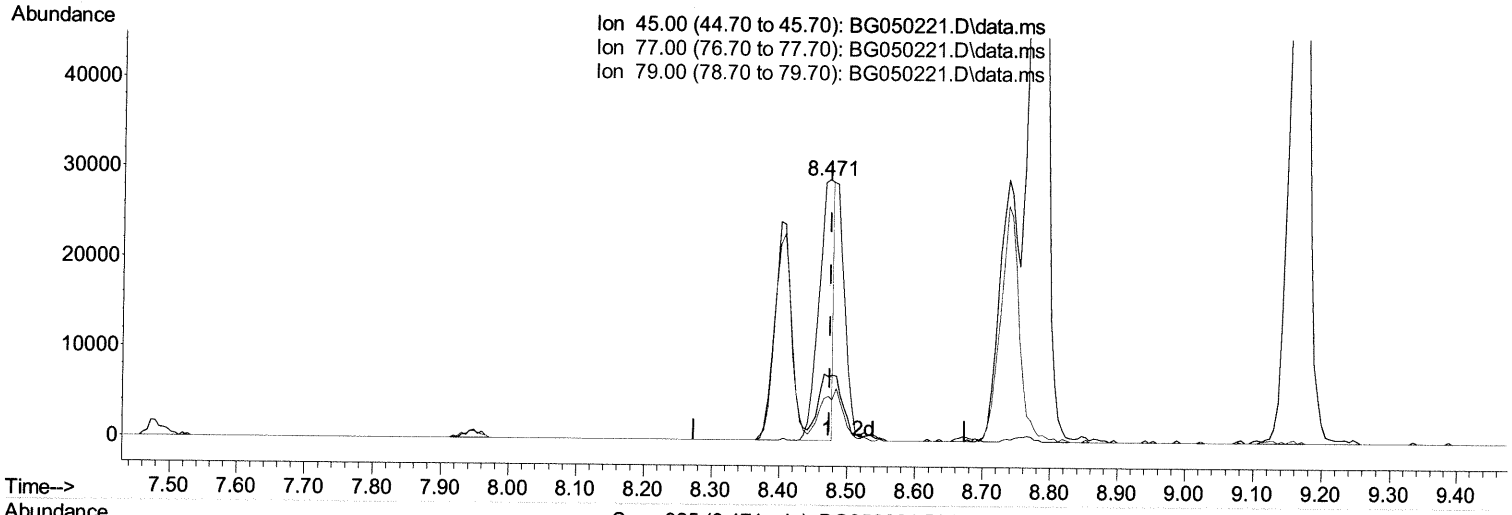

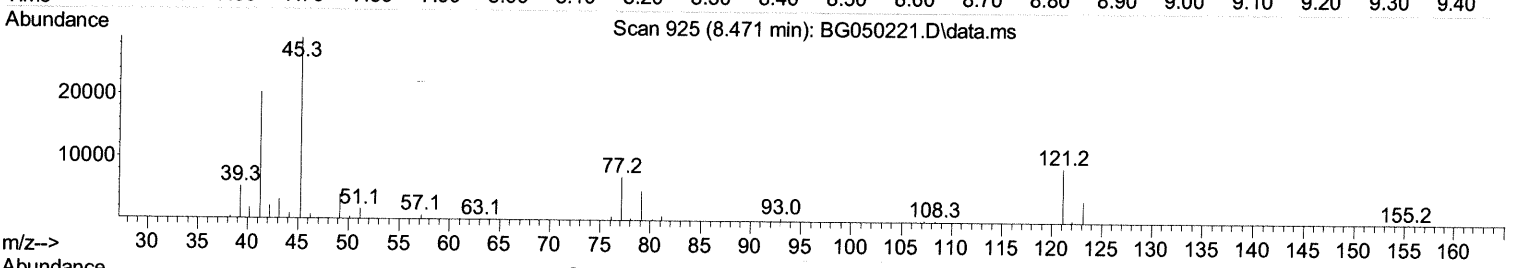

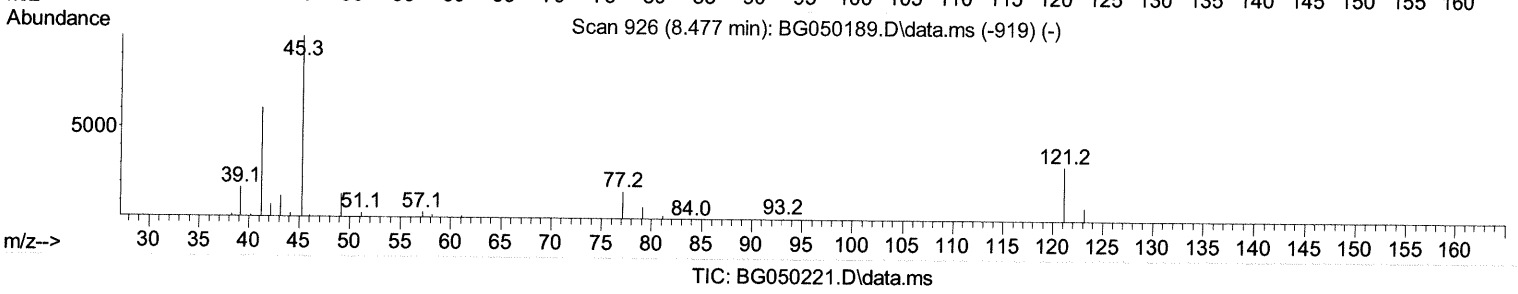

TIC: BG050221.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.471min (-0.002) 22.18 ng/ul

response 44862

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	21.10	24.36
79.00	13.70	16.88#
0.00	0.00	0.00

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mohammad
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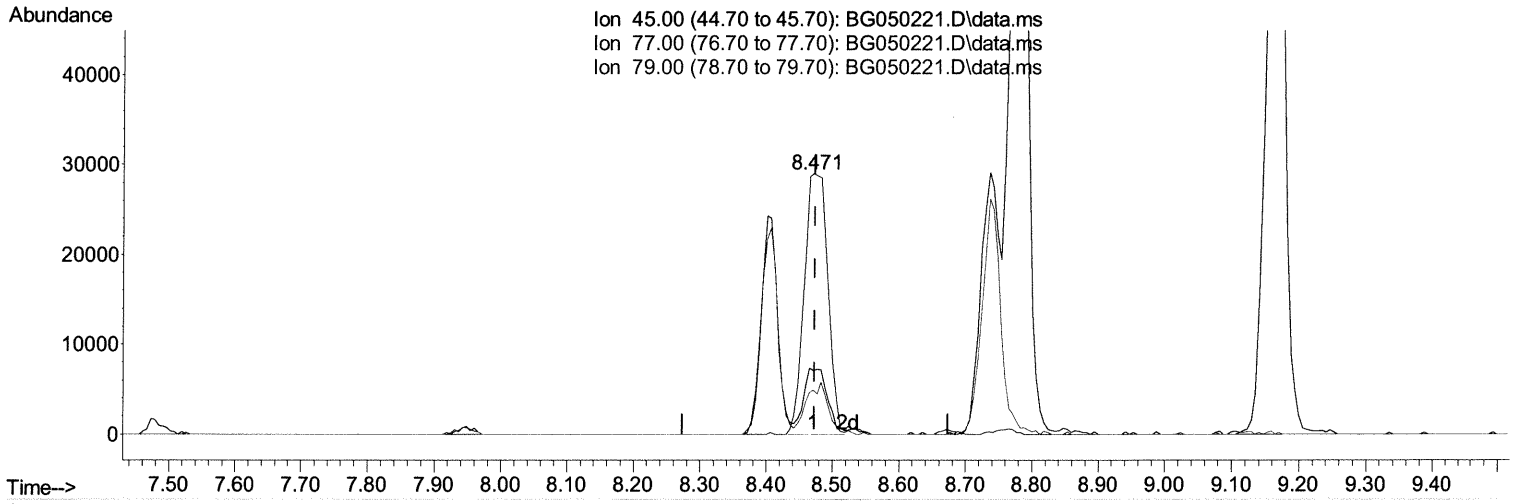

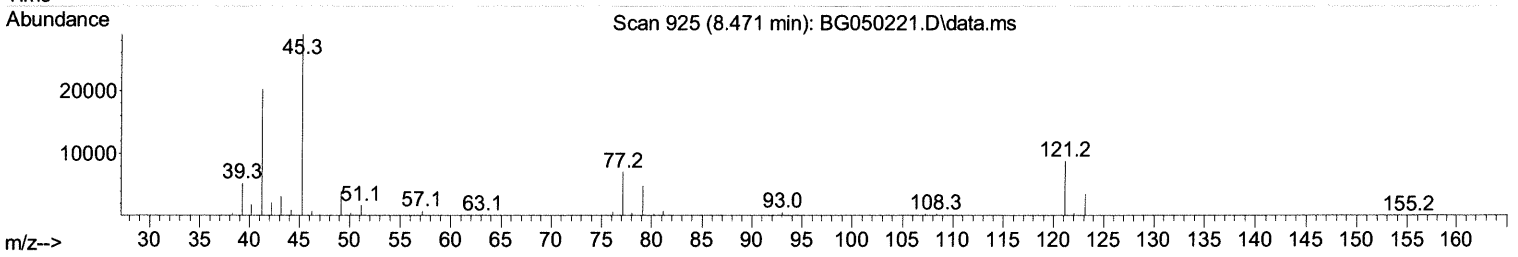

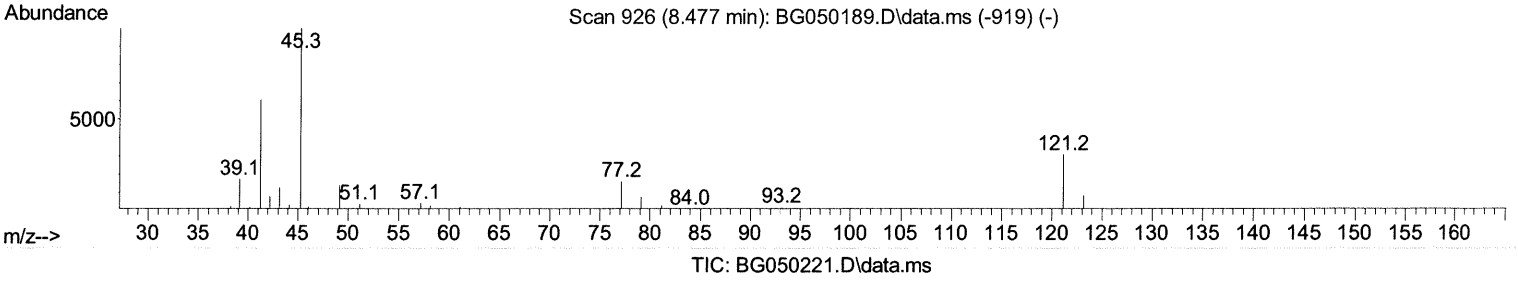

TIC: BG050221.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.471min (-0.002) 35.51 ng/ul m 09/10/21 JU

response 71818

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	21.10	24.36
79.00	13.70	16.88#
0.00	0.00	0.00

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Manual Integrations APPROVED
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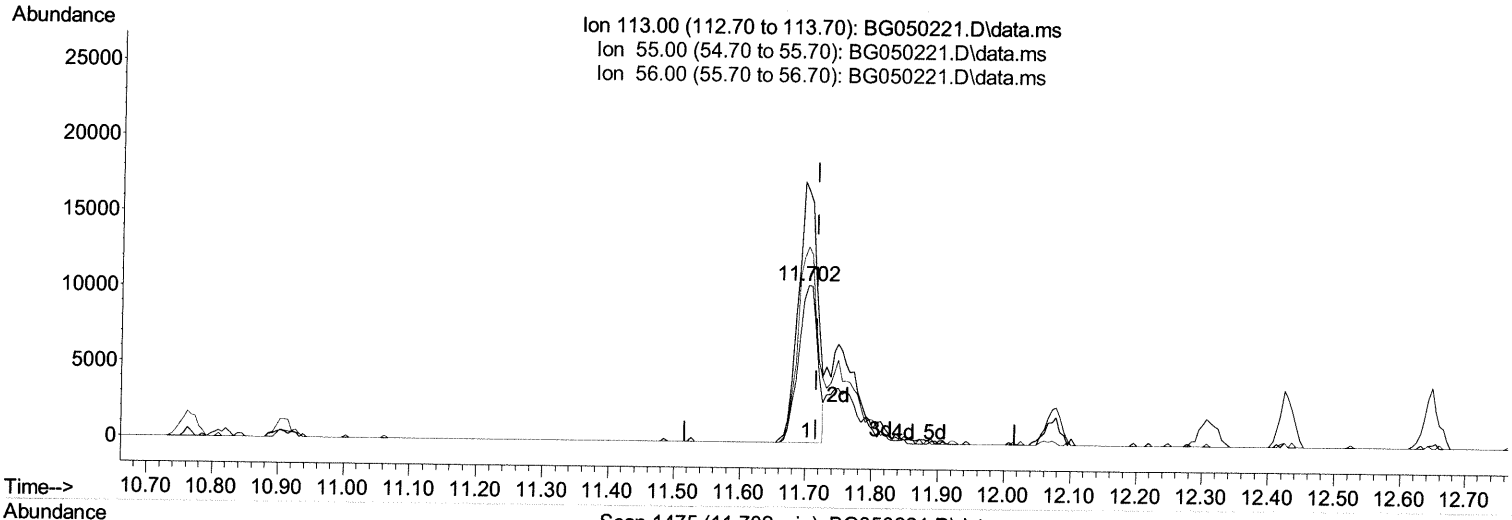

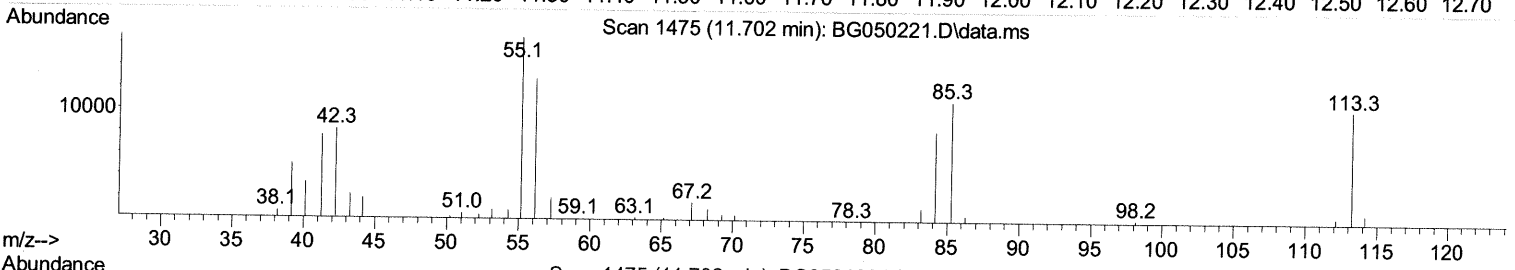

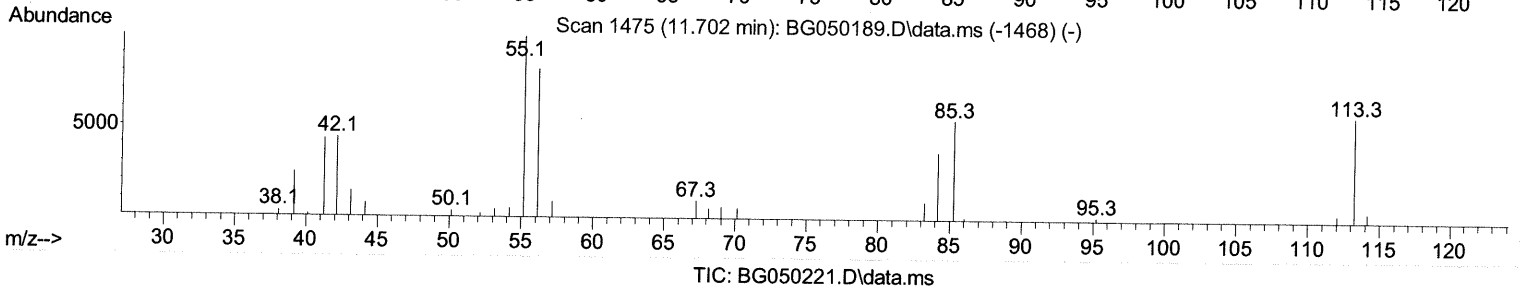

TIC: BG050221.D\data.ms

(34) Caprolactam

11.702min (-0.014) 17.74 ng/ul

response 21018

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	159.74
56.00	134.20	124.52
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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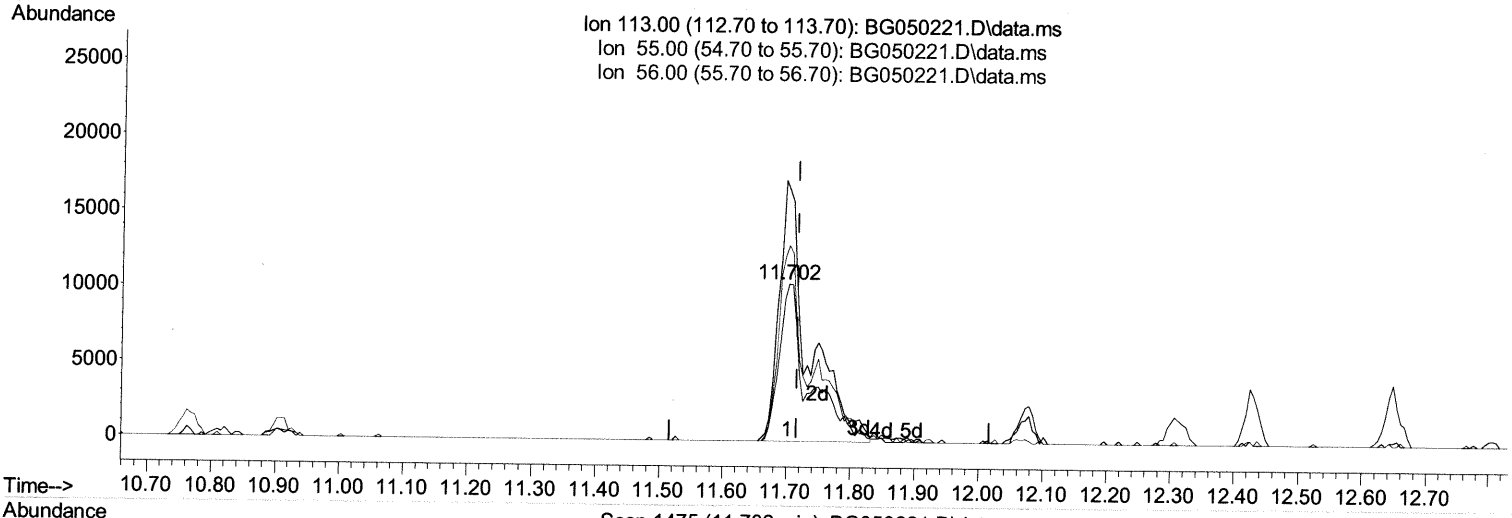

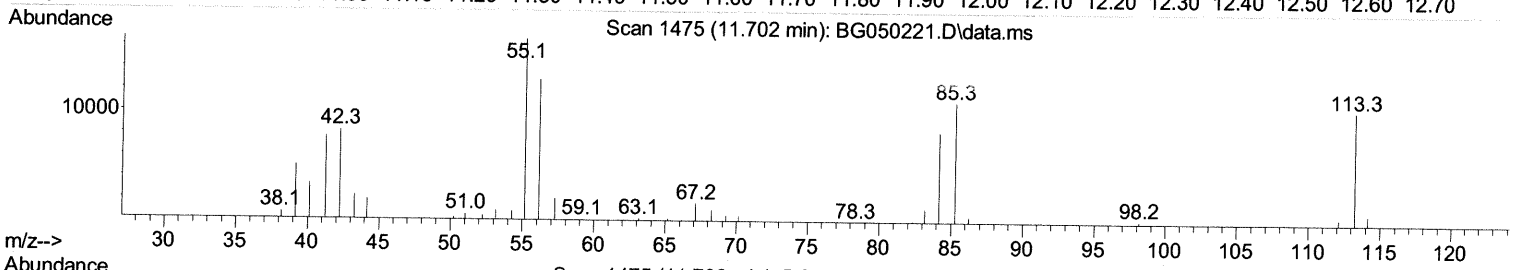

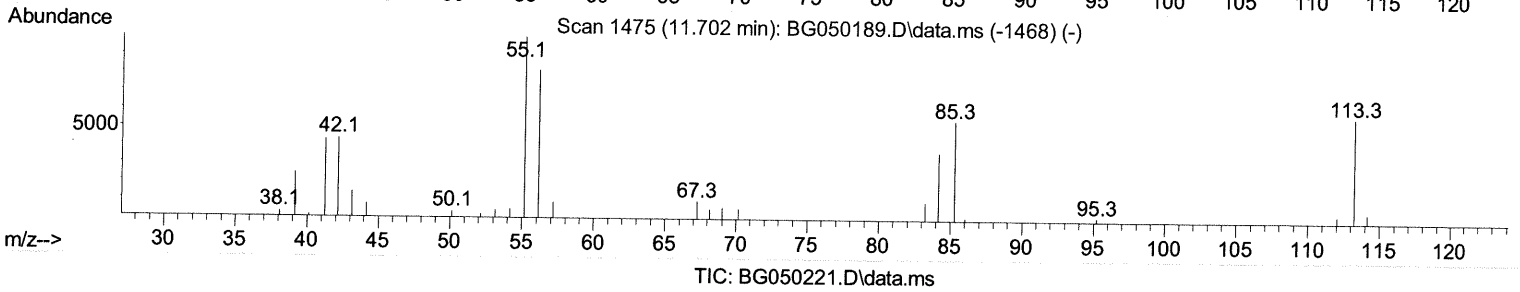

TIC: BG050221.D\data.ms

(34) Caprolactam

11.702min (-0.014) 28.13 ng/ul m 09/16/21 JU

response 33330

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	159.74
56.00	134.20	124.52
0.00	0.00	0.00

Quantitation Report (Qedit)

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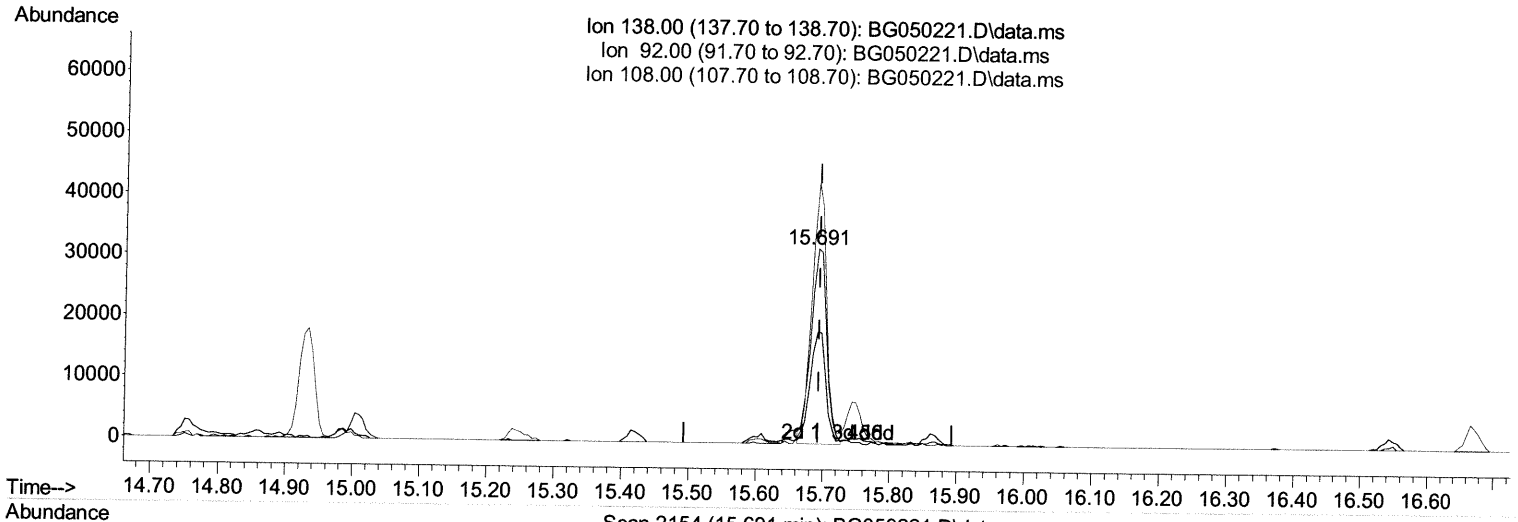

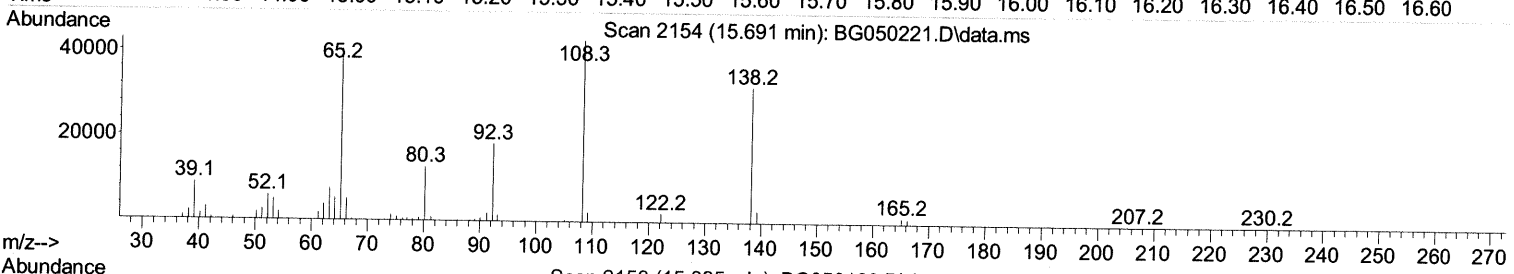

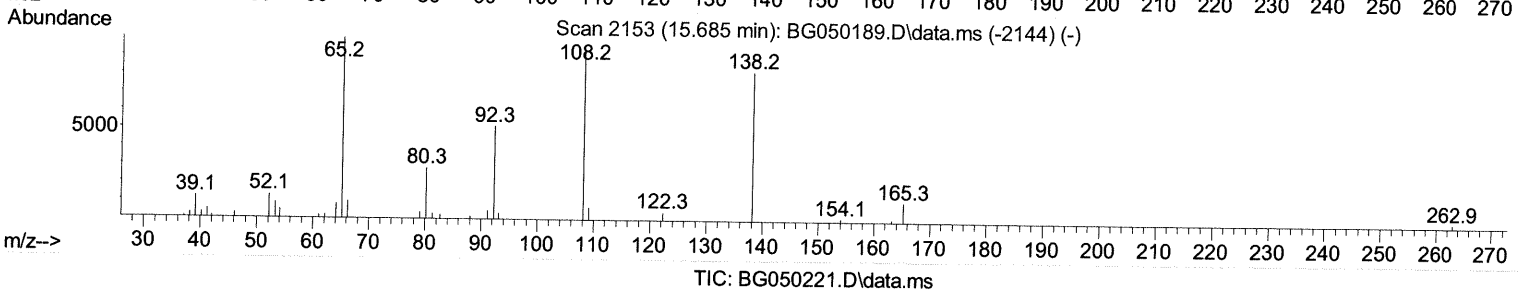

TIC: BG050221.D\data.ms

(63) 4-Nitroaniline

15.691min (-0.002) 43.28 ng/ul

response 51938

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.50	57.31
108.00	127.30	133.62
0.00	0.00	0.00

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Misc :
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Instrument :
BNA_G
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Manual Integrations APPROVED
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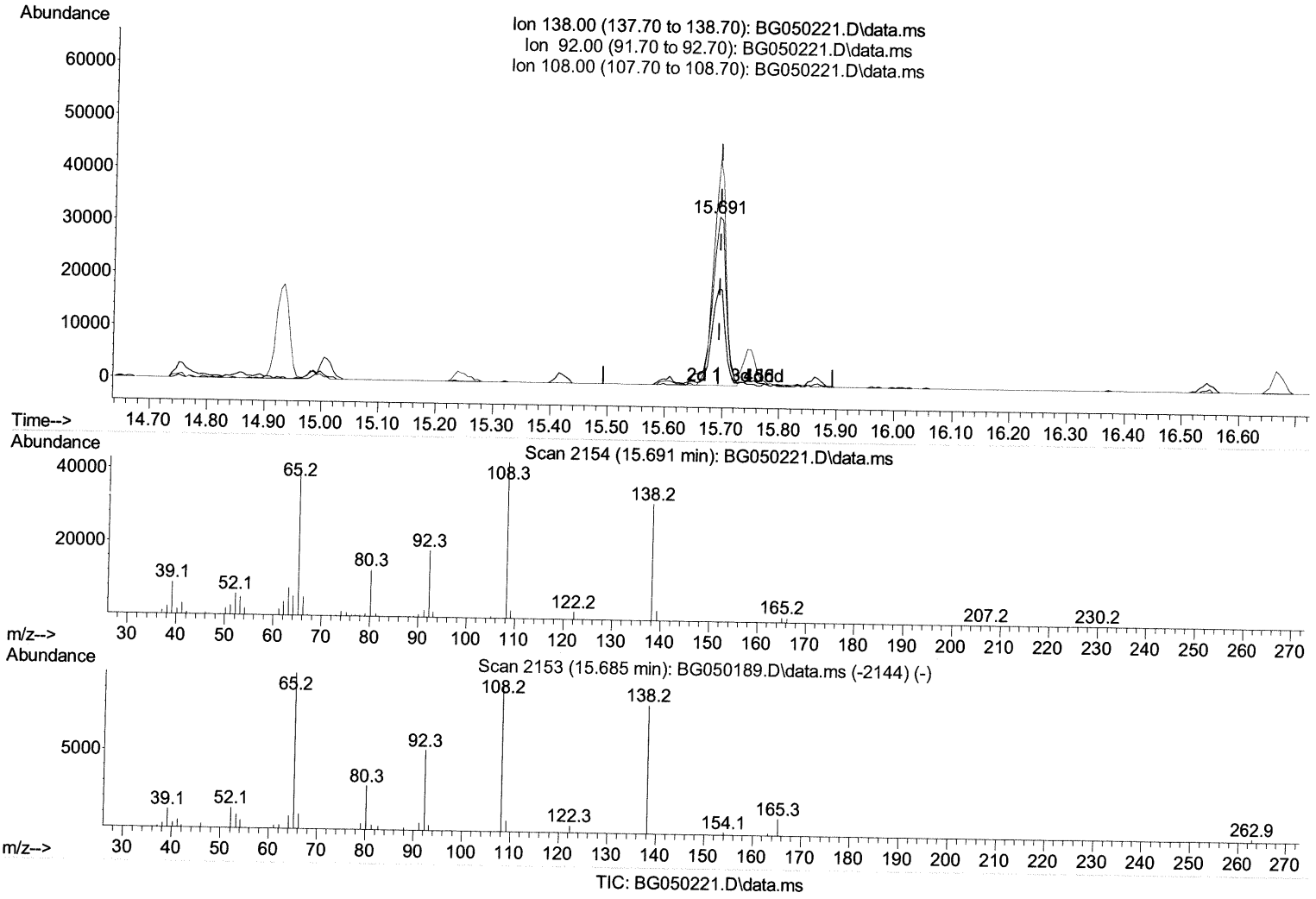

TIC: BG050221.D\data.ms

(63) 4-Nitroaniline

15.691min (-0.002) 45.34 ng/ul m 09/10/21 JU

response 54410

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.50	57.31
108.00	127.30	133.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
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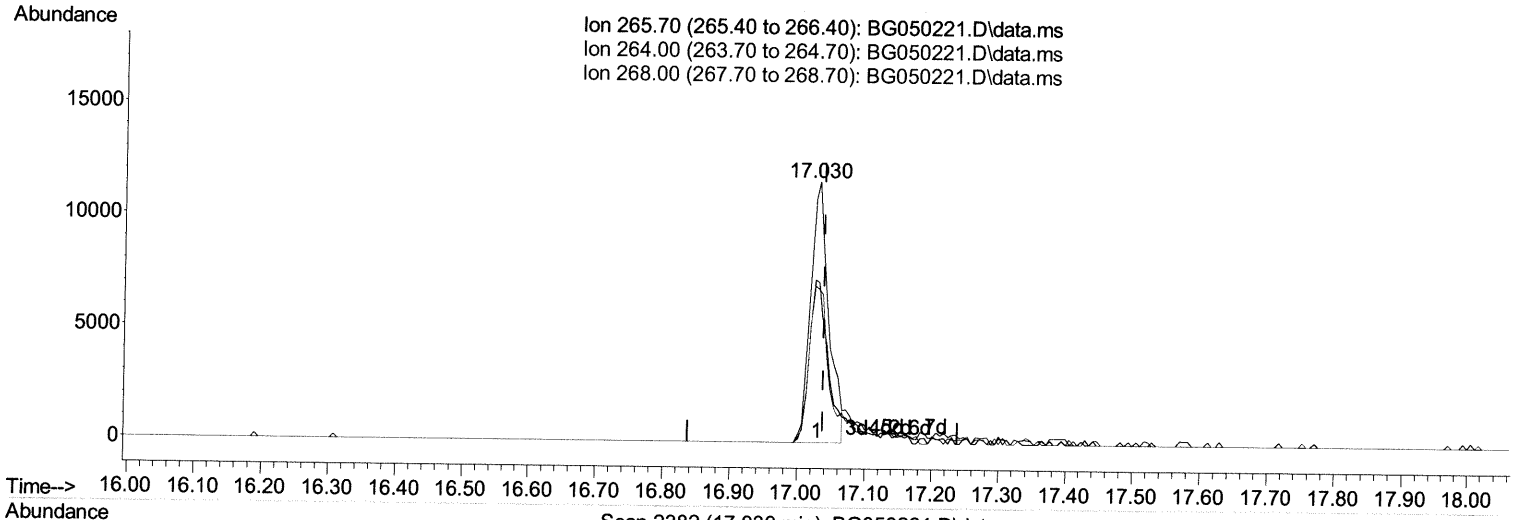

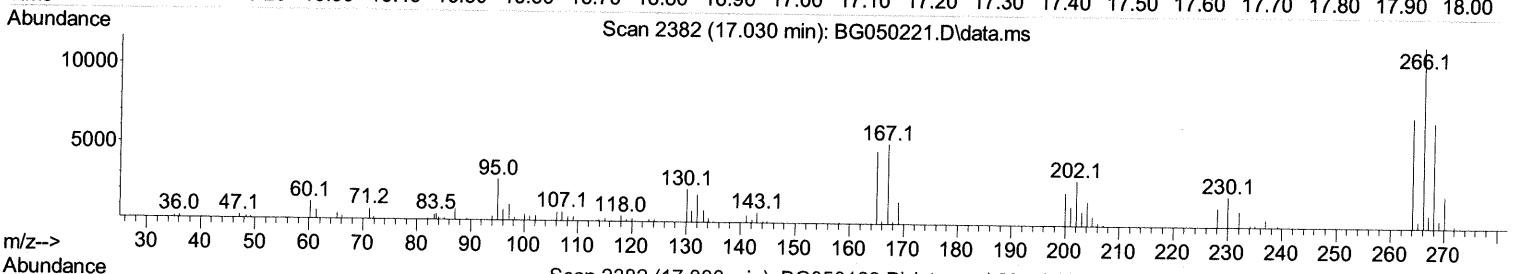

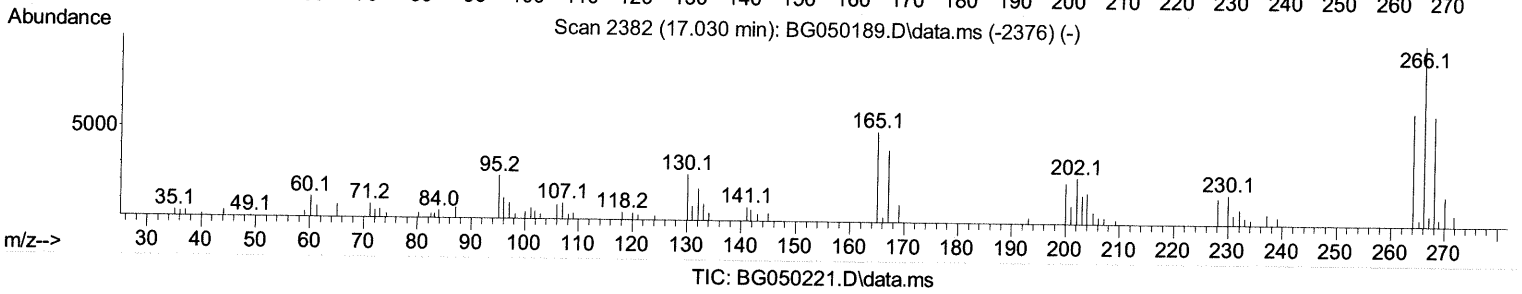

TIC: BG050221.D\data.ms

(71) Pentachlorophenol (C)

17.030min (-0.008) 28.92 ng/ul

response 21991

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.60	61.53
268.00	65.70	58.81
0.00	0.00	0.00

Quantitation Report (Qedit)

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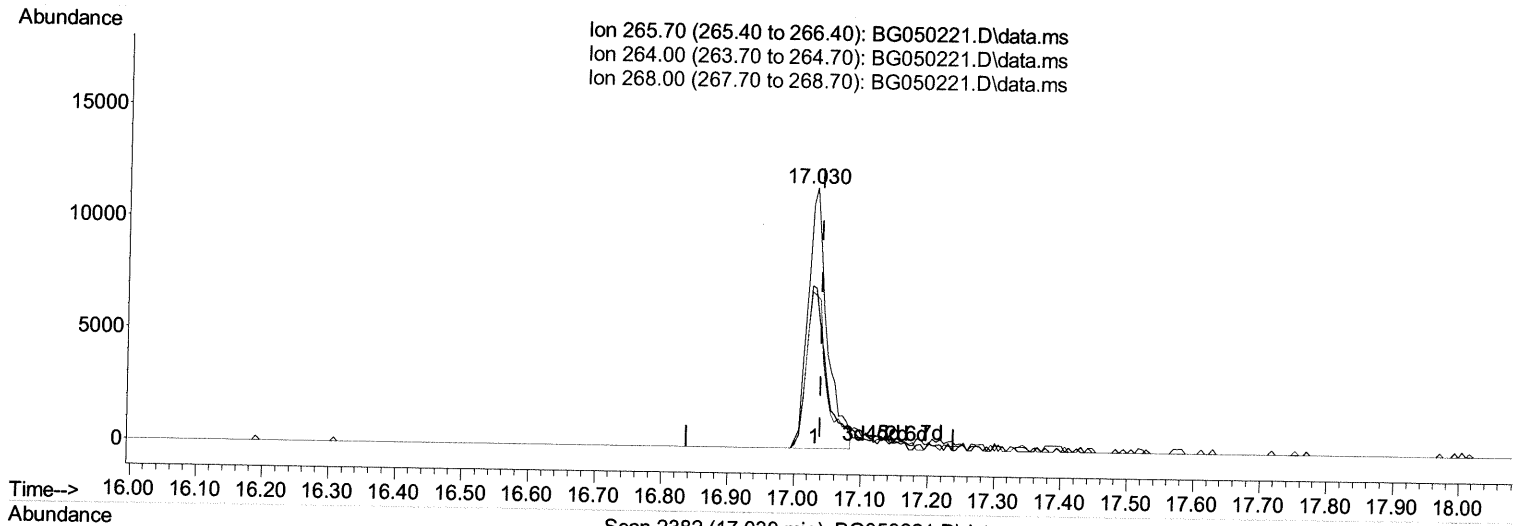

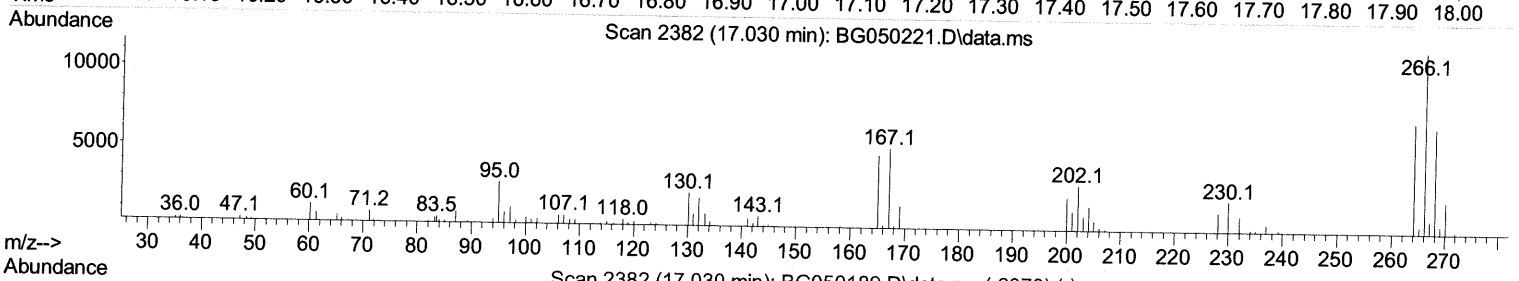

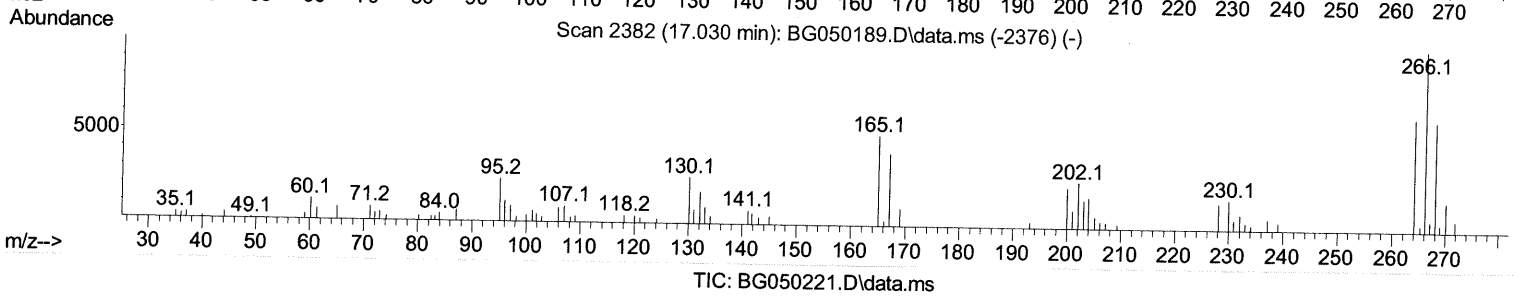

TIC: BG050221.D\data.ms

(71) Pentachlorophenol (C)

17.030min (-0.008) 30.52 ng/ul m 09/16/21 JU

response 23209

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.60	61.53
268.00	65.70	58.81
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	7.948	152	35348	20.000	ng/ul	0.00
20) Naphthalene-d8	10.762	136	267330	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.610	164	92229	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.365	188	206623	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.636	240	215785	20.000	ng/ul	0.00
88) Perylene-d12	24.849	264	222857	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.313	96	7694	10.761	ng/uL	0.00
4) Pyridine-d5	3.731	84	124069	48.884	ng/ul	0.00
7) Phenol-d5	7.120	99	105952	38.605	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	57569	35.916	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.484	132	79012	34.688	ng/ul	0.00
15) 4-Methylphenol-d8	8.671	113	94145	43.628	ng/ul	0.00
21) Nitrobenzene-d5	9.123	128	62618	34.126	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	71159	31.892	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	110775	26.013	ng/ul	0.00
31) 4-Chloroaniline-d4	10.909	131	177660	33.862	ng/ul	0.00
46) Dimethylphthalate-d6	14.011	166	254953	36.610	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	307265	37.055	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	32709	38.926	ng/ul	0.00
60) Fluorene-d10	15.603	176	215604	37.286	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.750	200	44662	35.833	ng/ul	0.00
73) Anthracene-d10	17.465	188	348087	37.527	ng/ul	0.00
81) Pyrene-d10	19.756	212	417421	38.836	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.626	264	425503	36.068	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	17388	21.356	ng/uL	96
5) Pyridine	3.754	79	132035	49.494	ng/ul#	85
6) Benzaldehyde	7.079	77	76361	50.191	ng/ul	99
8) Phenol	7.149	94	108699	40.219	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.361	93	75185	37.521	ng/ul	98
12) 2-Chlorophenol	7.514	128	81431	36.689	ng/ul#	84
13) 2-Methylphenol	8.407	108	82322	37.844	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.471	45	71818m	> 35.513	ng/ul	> 09/10/21-JU
16) Acetophenone	8.777	105	184728	58.184	ng/ul#	95
17) N-Nitroso-di-n-propyla...	8.759	70	102894	60.775	ng/ul	93
18) 4-Methylphenol	8.736	108	135721	65.689	ng/ul	83
19) Hexachloroethane	9.029	117	47191	50.973	ng/ul	97
22) Nitrobenzene	9.164	77	148582	31.093	ng/ul	97
23) Isophorone	9.693	82	228573	25.048	ng/ul	95
25) 2-Nitrophenol	9.881	139	68295	31.027	ng/ul#	85
26) 2,4-Dimethylphenol	9.940	107	134896	25.754	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.175	93	144580	26.120	ng/ul	95
29) 2,4-Dichlorophenol	10.421	162	99376	25.514	ng/ul	96
30) Naphthalene	10.815	128	472235	38.463	ng/ul	98
32) 4-Chloroaniline	10.933	127	180992	36.623	ng/ul	92
33) Hexachlorobutadiene	11.091	225	104955	33.995	ng/ul	96
34) Caprolactam	11.702	113	33330m	> 28.127	ng/ul	> 09/10/21-JU
35) 4-Chloro-3-methylphenol	12.072	107	126358	28.783	ng/ul	99

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.431	142	193894	21.356 ng/ul	99
37) 1-Methylnaphthalene	12.648	142	182575	20.942 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.801	216	107959	34.609 ng/ul#	97
40) Hexachlorocyclopentadiene	12.771	237	20767	24.552 ng/ul#	98
41) 2,4,6-Trichlorophenol	13.047	196	62479	35.475 ng/ul	97
42) 2,4,5-Trichlorophenol	13.130	196	66147	35.914 ng/ul	96
43) 1,1'-Biphenyl	13.435	154	246283	36.989 ng/ul	98
44) 2-Chloronaphthalene	13.482	162	193237	36.905 ng/ul	98
45) 2-Nitroaniline	13.694	65	63368	38.227 ng/ul	96
47) Dimethylphthalate	14.058	163	247352	37.213 ng/ul	98
48) 2,6-Dinitrotoluene	14.193	165	54179	38.282 ng/ul#	87
50) Acenaphthylene	14.334	152	288883	37.276 ng/ul	97
51) 3-Nitroaniline	14.522	138	50833	39.452 ng/ul	89
52) Acenaphthene	14.675	153	205839	37.276 ng/ul	97
53) 2,4-Dinitrophenol	14.757	184	17306	29.857 ng/ul#	80
55) 4-Nitrophenol	14.857	109	36929	39.491 ng/ul	94
56) Dibenzofuran	15.009	168	285867	37.628 ng/ul	100
57) 2,4-Dinitrotoluene	14.986	165	77986	38.561 ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.244	232	55572	39.836 ng/ul#	92
59) Diethylphthalate	15.421	149	259311	38.598 ng/ul	96
61) Fluorene	15.661	166	240550	37.765 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.650	204	126071	37.173 ng/ul	98
63) 4-Nitroaniline	15.691	138	54410m	45.342 ng/ul	09/16/21 JU
66) 4,6-Dinitro-2-methylph...	15.761	198	40706	36.773 ng/ul#	91
67) N-Nitrosodiphenylamine	15.867	169	203954	36.505 ng/ul	98
68) 4-Bromophenyl-phenylether	16.543	248	92877	37.932 ng/ul	98
69) Hexachlorobenzene	16.672	284	103217	37.180 ng/ul	97
70) Atrazine	16.813	200	94100	40.169 ng/ul	97
71) Pentachlorophenol	17.030	266	21991	28.919 ng/ul	92
72) Phenanthrene	17.406	178	400151	37.971 ng/ul	98
74) Anthracene	17.500	178	404285	37.834 ng/ul#	94
75) 1,2,3,4-Tetrachloroben...	13.412	216	117064	36.558 ng/uL	91
76) Pentachlorobenzene	14.933	250	114999	34.783 ng/uL	96
77) Carbazole	17.770	167	362252	38.453 ng/ul	99
78) Di-n-butylphthalate	18.317	149	440864	38.697 ng/ul	99
80) Fluoranthene	19.421	202	520211	38.941 ng/ul#	97
82) Pyrene	19.785	202	508064	38.775 ng/ul	99
83) Butylbenzylphthalate	20.655	149	203497	40.609 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.530	252	184179	39.570 ng/ul	95
85) Benzo(a)anthracene	21.618	228	497333	37.647 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.501	149	284125	37.965 ng/ul	99
87) Chrysene	21.683	228	473989	38.490 ng/ul	96
89) Di-n-octyl phthalate	22.699	149	583969	45.276 ng/ul	100
90) Benzo(b)fluoranthene	23.827	252	530947	38.069 ng/ul#	98
91) Benzo(k)fluoranthene	23.891	252	508990	38.232 ng/ul	98
93) Benzo(a)pyrene	24.702	252	458579	37.610 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.538	276	600123	37.562 ng/ul#	97
95) Dibenzo(a,h)anthracene	28.579	278	494025	37.275 ng/ul	99
96) Benzo(g,h,i)perylene	29.684	276	485333	37.915 ng/ul	96

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