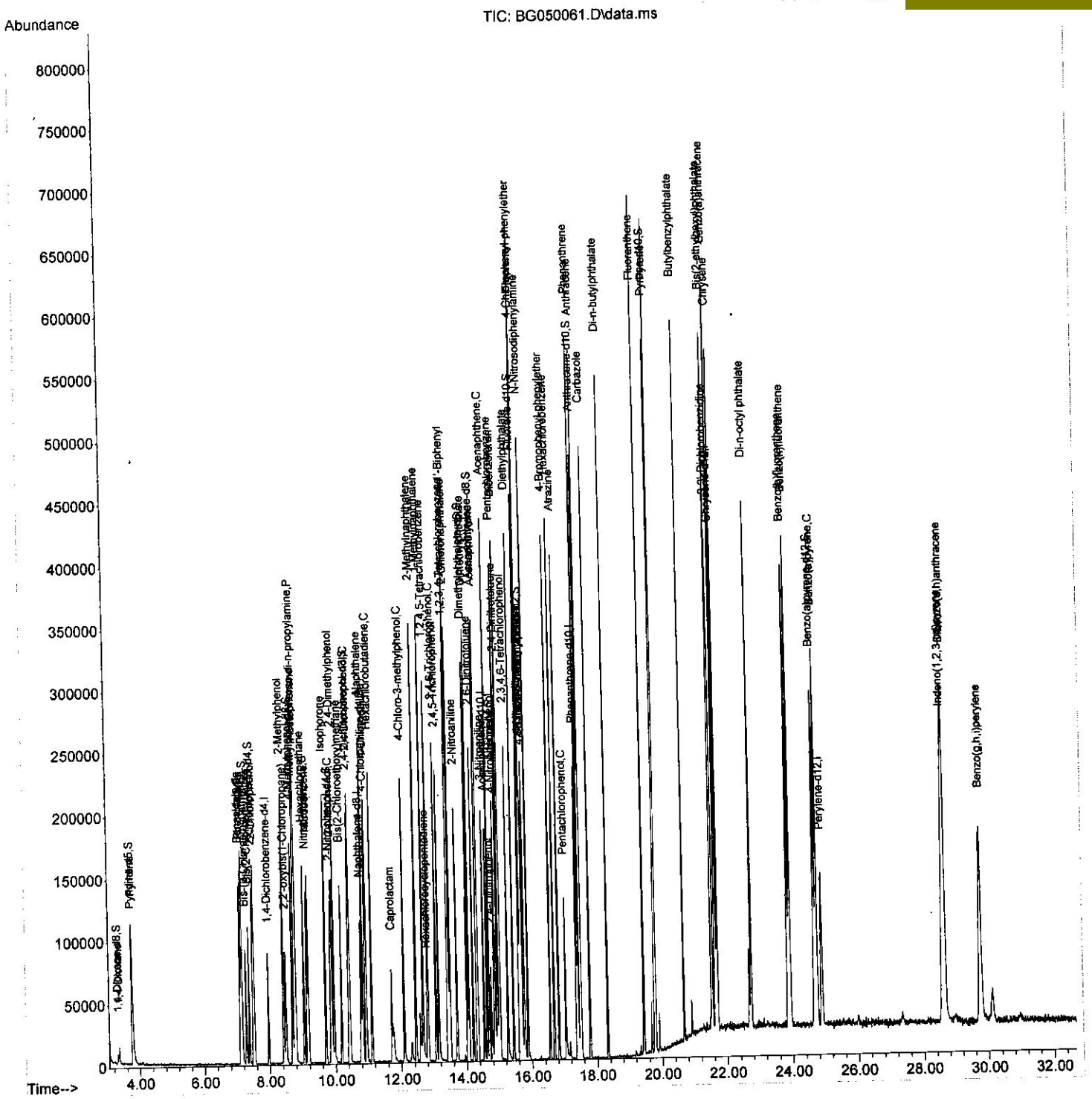
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050061.D
Acq On : 31 Aug 2021 12:18
Operator : CG/JU
Sample : PB138722BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 31 13:23:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS722

Manual Integrations APPROVED
mohammad
9/6/2021 10:10:45 AM



Quantitation Report (Qedit)

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Data File : BG050061.D
Acq On : 31 Aug 2021 12:18
Operator : CG/JU
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Misc :
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Quant Time: Sep 06 01:38:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
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ClientSampleId :
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Manual Integrations APPROVED
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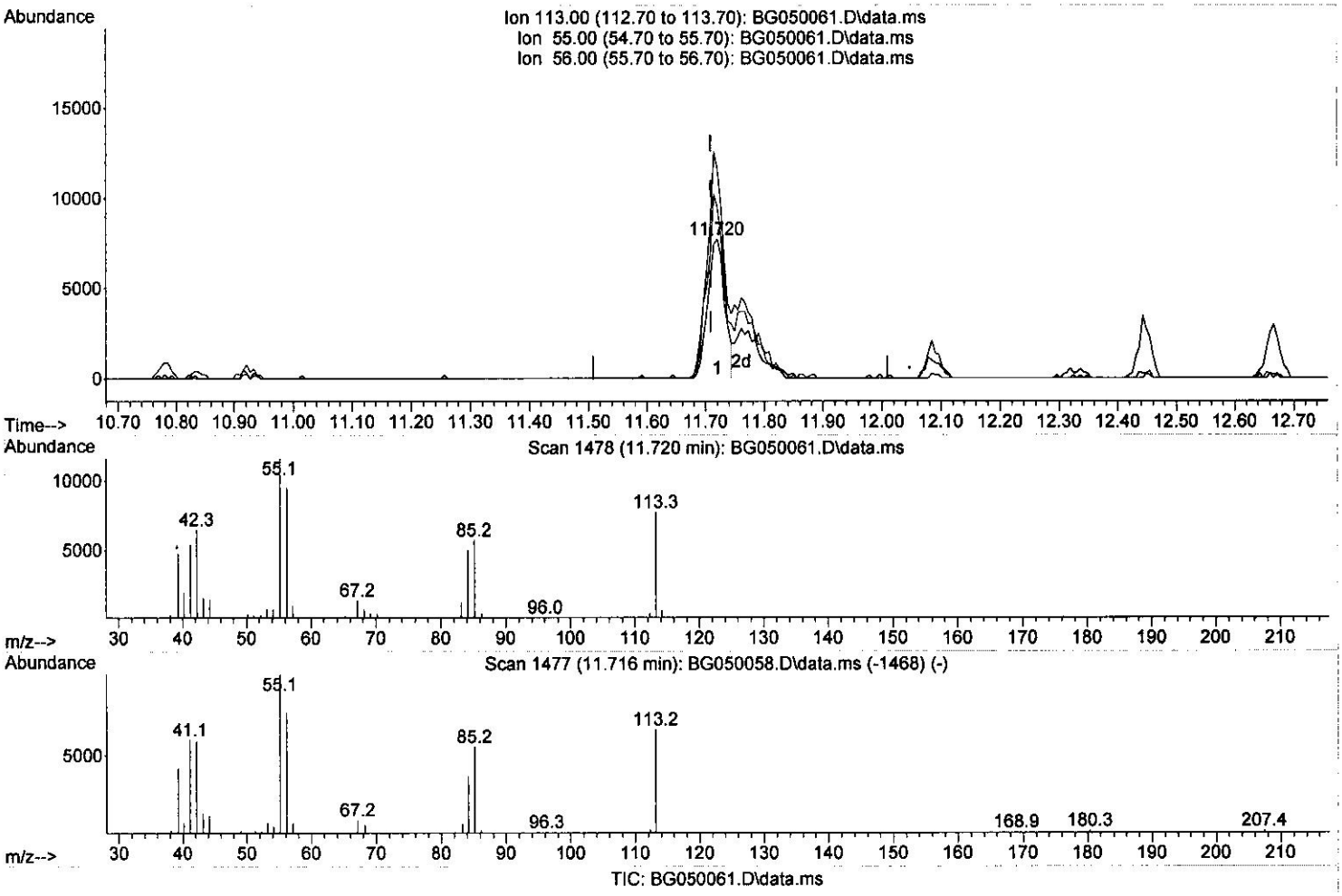

TIC: BG050061.D\data.ms

(34) Caprolactam

11.720min (+ 0.012) 30.48 ng/ul

response 15378

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	150.39
56.00	134.20	122.69
0.00	0.00	0.00

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ClientSampleId :
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mohammad
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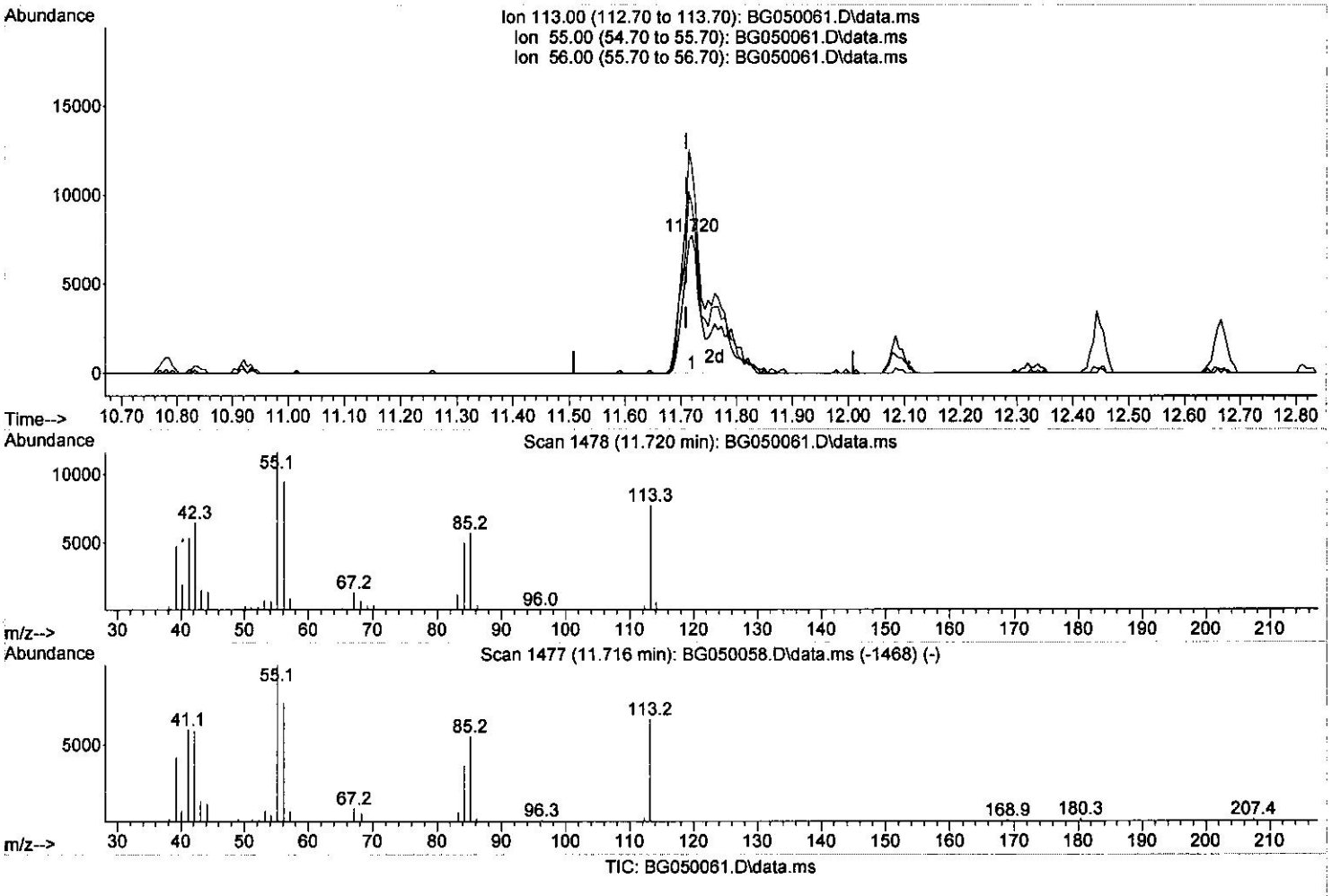

TIC: BG050061.D\data.ms

(34) Caprolactam

11.720min (+ 0.012) 45.82 ng/ul m

response 23123

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	150.39
56.00	134.20	122.69
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 31 Aug 2021 12:18
Operator : CG/JU
Sample : PB138722BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

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QLast Update : Mon Aug 30 14:59:55 2021
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Instrument :
BNA_G
ClientSampleId :
SLCS722

Manual Integrations APPROVED
mohammad
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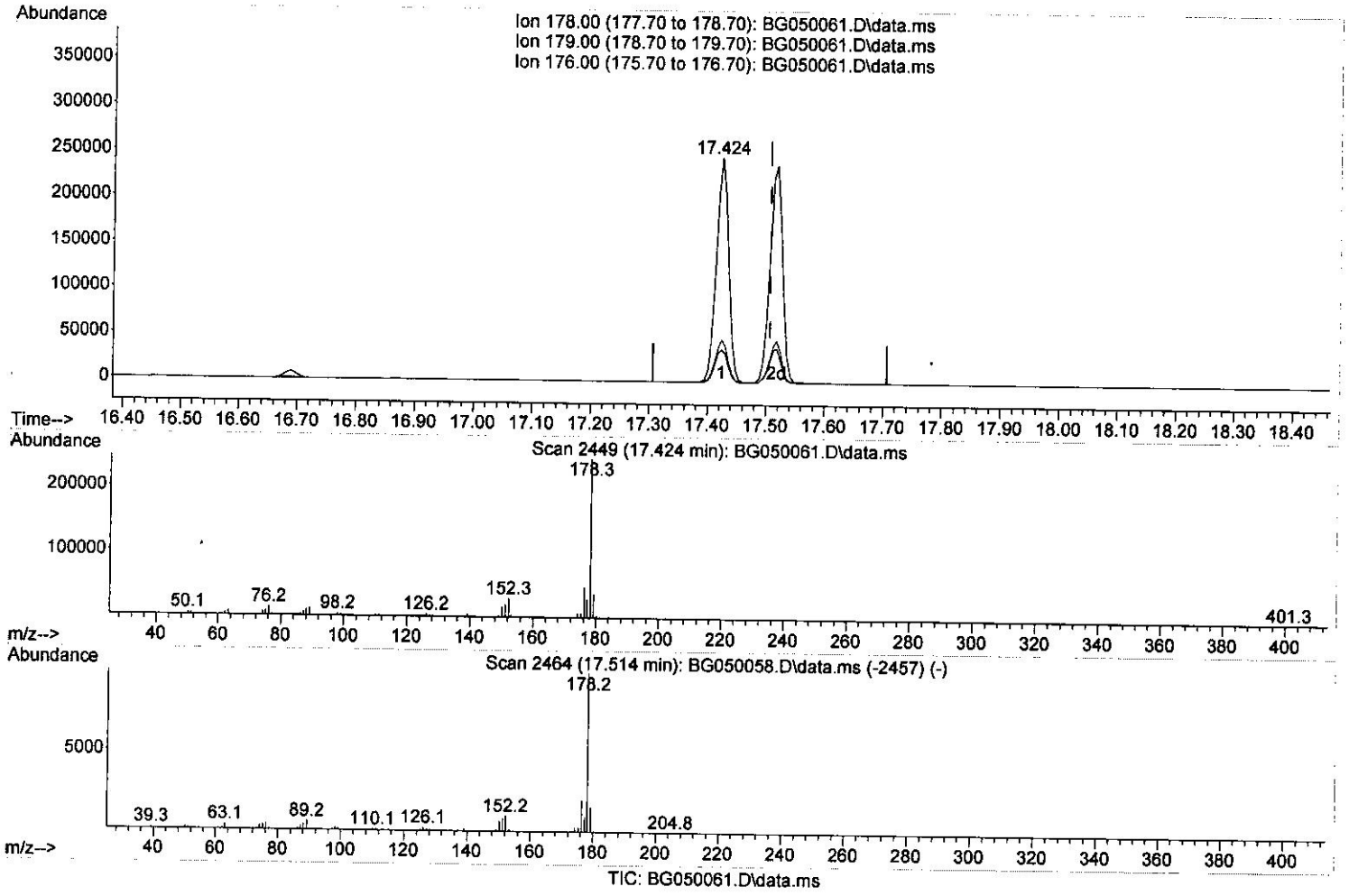

TIC: BG050061.D\data.ms

(74) Anthracene

17.424min (-0.082) 48.94 ng/ul :

response 358271

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.20	14.68
176.00	16.00	19.03
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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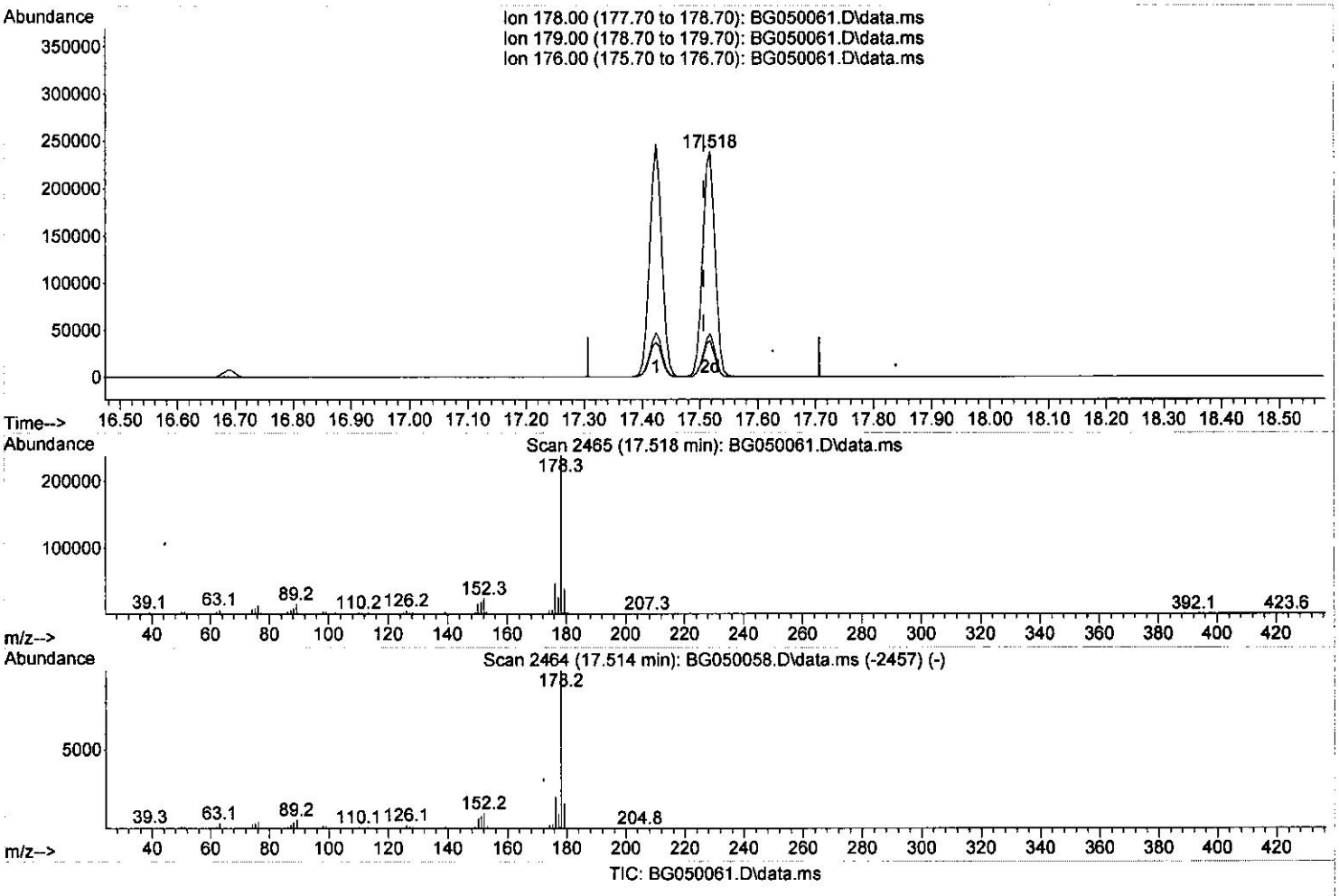

TIC: BG050061.D\data.ms

(74) Anthracene

17.518min (+ 0.012) 48.64 ng/ul m 30v 9/7/21

response 356059

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.20	15.87
176.00	16.00	19.26#
0.00	0.00	0.00

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ClientSampleId : SLCS722

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	23252	20.000	ng/ul	0.01
20) Naphthalene-d8	10.786	136	95320	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	65761	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.383	188	144904	20.000	ng/ul	0.00
79) Chrysene-d12	21.654	240	126522	20.000	ng/ul	0.00
88) Perylene-d12	24.890	264	130489	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	3938	8.733	ng/uL	0.00
4) Pyridine-d5	3.742	84	52251	38.471	ng/ul	0.00
7) Phenol-d5	7.132	99	82606	41.837	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.285	67	44070	40.175	ng/ul	0.00
11) 2-Chlorophenol-d4	7.496	132	60787	41.145	ng/ul	0.00
15) 4-Methylphenol-d8	8.689	113	62150	39.968	ng/ul	0.00
21) Nitrobenzene-d5	9.135	128	30561	41.355	ng/ul	0.00
24) 2-Nitrophenol-d4	9.864	143	36380	41.343	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.416	165	67197	42.815	ng/ul	0.01
31) 4-Chloroaniline-d4	10.921	131	81934	38.354	ng/ul	0.00
46) Dimethylphthalate-d6	14.023	166	207119	41.154	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	254133	43.066	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	29094	39.956	ng/ul	0.01
60) Fluorene-d10	15.620	176	183578	43.022	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.761	200	34454	36.958	ng/ul	0.00
73) Anthracene-d10	17.483	188	283674	43.596	ng/ul	0.00
81) Pyrene-d10	19.774	212	317894	46.495	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.667	264	291887	42.163	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	8407	15.294	ng/uL	94
5) Pyridine	3.766	79	57383	39.091	ng/ul	96
6) Benzaldehyde	7.097	77	50969	44.858	ng/ul	93
8) Phenol	7.161	94	87510	43.879	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.379	93	60900	44.235	ng/ul	99
12) 2-Chlorophenol	7.531	128	66170	45.326	ng/ul#	88
13) 2-Methylphenol	8.418	108	68306	44.394	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.489	45	62303	43.156	ng/ul	97
16) Acetophenone	8.794	105	109962	43.361	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.771	70	55648	43.702	ng/ul	98
18) 4-Methylphenol	8.747	108	70850	42.803	ng/ul	81
19) Hexachloroethane	9.047	117	29421	46.050	ng/ul	92
22) Nitrobenzene	9.176	77	90597	45.244	ng/ul	100
23) Isophorone	9.699	82	156991	44.003	ng/ul	97
25) 2-Nitrophenol	9.893	139	39323	45.964	ng/ul	93
26) 2,4-Dimethylphenol	9.958	107	86325	45.403	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.181	93	82596	44.832	ng/ul	99
29) 2,4-Dichlorophenol	10.439	162	70130	48.683	ng/ul	94
30) Naphthalene	10.833	128	214255	44.970	ng/ul	97
32) 4-Chloroaniline	10.944	127	89314	43.413	ng/ul	90
33) Hexachlorobutadiene	11.109	225	52709	45.230	ng/ul	93
34) Caprolactam	11.720	113	23123m	45.824	ng/ul	
35) 4-Chloro-3-methylphenol	12.090	107	82082	47.677	ng/ul	99
36) 2-Methylnaphthalene	12.448	142	166486	47.009	ng/ul	94

JU 9/3/21

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Manual Integrations APPROVED
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9/6/2021 10:10:45 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.666	142	155324	43.449	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.818	216	94211	48.776	ng/ul#	97
40) Hexachlorocyclopentadiene	12.789	237	12103	14.001	ng/ul#	82
41) 2,4,6-Trichlorophenol	13.065	196	61134	49.667	ng/ul	92
42) 2,4,5-Trichlorophenol	13.147	196	63686	49.367	ng/ul	95
43) 1,1'-Biphenyl	13.453	154	209502	45.600	ng/ul	97
44) 2-Chloronaphthalene	13.500	162	170951	46.325	ng/ul	97
45) 2-Nitroaniline	13.705	65	59014	47.101	ng/ul	95
47) Dimethylphthalate	14.070	163	222376	44.647	ng/ul	98
48) 2,6-Dinitrotoluene	14.205	165	47732	46.418	ng/ul#	92
50) Acenaphthylene	14.352	152	248451	46.067	ng/ul	97
51) 3-Nitroaniline	14.540	138	46981	47.347	ng/ul	99
52) Acenaphthene	14.692	153	186329	47.626	ng/ul	95
53) 2,4-Dinitrophenol	14.763	184	18382	35.000	ng/ul	88
55) 4-Nitrophenol	14.869	109	38676	41.893	ng/ul	94
56) Dibenzofuran	15.027	168	252484	46.602	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	70621	47.744	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.262	232	52378	48.996	ng/ul#	99
59) Diethylphthalate	15.438	149	230002	45.140	ng/ul	97
61) Fluorene	15.679	166	218450	47.790	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.662	204	112224	46.402	ng/ul	97
63) 4-Nitroaniline	15.703	138	48944	49.427	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.773	198	34940	41.350	ng/ul	96
67) N-Nitrosodiphenylamine	15.879	169	185004	48.494	ng/ul	97
68) 4-Bromophenyl-phenylether	16.560	248	79773	49.766	ng/ul	99
69) Hexachlorobenzene	16.690	284	90551	48.920	ng/ul	97
70) Atrazine	16.831	200	81086	47.843	ng/ul	99
71) Pentachlorophenol	17.042	266	26590	33.924	ng/ul	98
72) Phenanthrene	17.424	178	358271	49.596	ng/ul	98
74) Anthracene	17.518	178	356059m	48.639	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.423	216	95805	49.280	ng/uL	88
76) Pentachlorobenzene	14.951	250	99469	48.286	ng/uL	93
77) Carbazole	17.788	167	311532	47.825	ng/ul	99
78) Di-n-butylphthalate	18.329	149	392692	47.136	ng/ul	98
80) Fluoranthene	19.439	202	430739	51.053	ng/ul	99
82) Pyrene	19.803	202	415677	49.720	ng/ul	100
83) Butylbenzylphthalate	20.672	149	162036	49.113	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.548	252	128410	42.815	ng/ul	99
85) Benzo(a)anthracene	21.636	228	381566	48.400	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.524	149	223118	49.244	ng/ul	100
87) Chrysene	21.706	228	358940	48.165	ng/ul	98
89) Di-n-octyl phthalate	22.729	149	368245	47.571	ng/ul	100
90) Benzo(b)fluoranthene	23.862	252	389521	46.667	ng/ul	96
91) Benzo(k)fluoranthene	23.927	252	376383	47.439	ng/ul	99
93) Benzo(a)pyrene	24.738	252	344481	47.522	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.603	276	272260	28.473	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.650	278	372491	46.533	ng/ul	99
96) Benzo(g,h,i)perylene	29.766	276	358164	44.553	ng/ul	95

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