

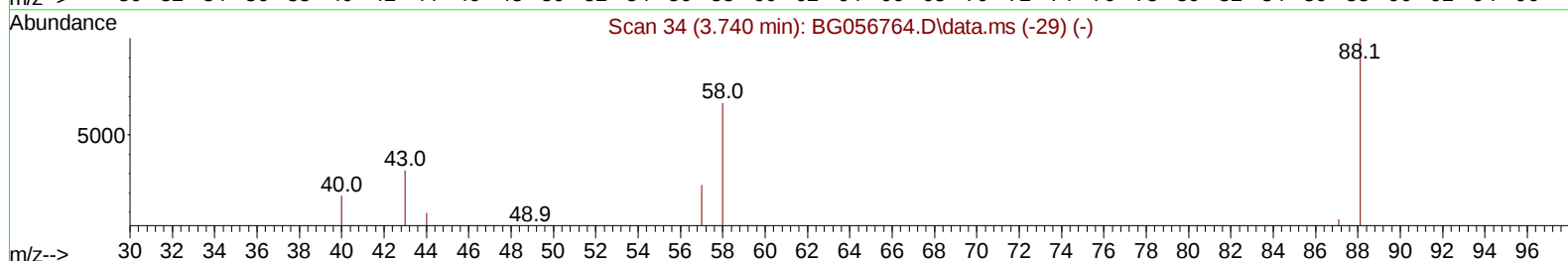
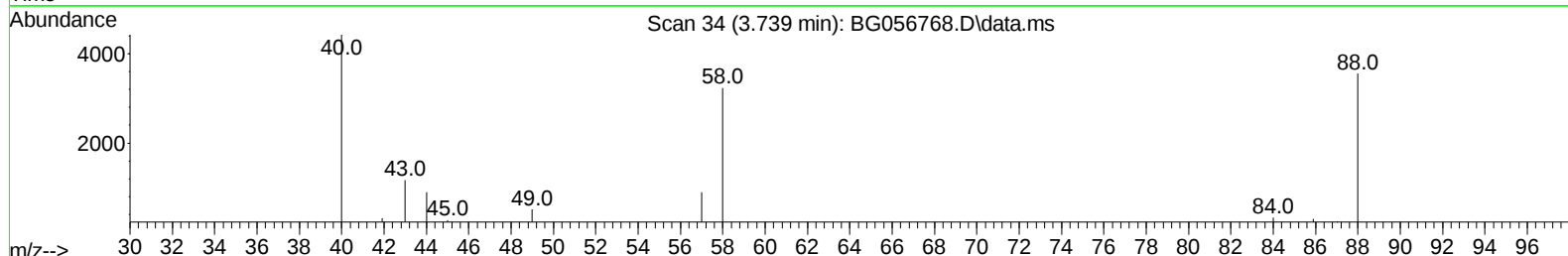
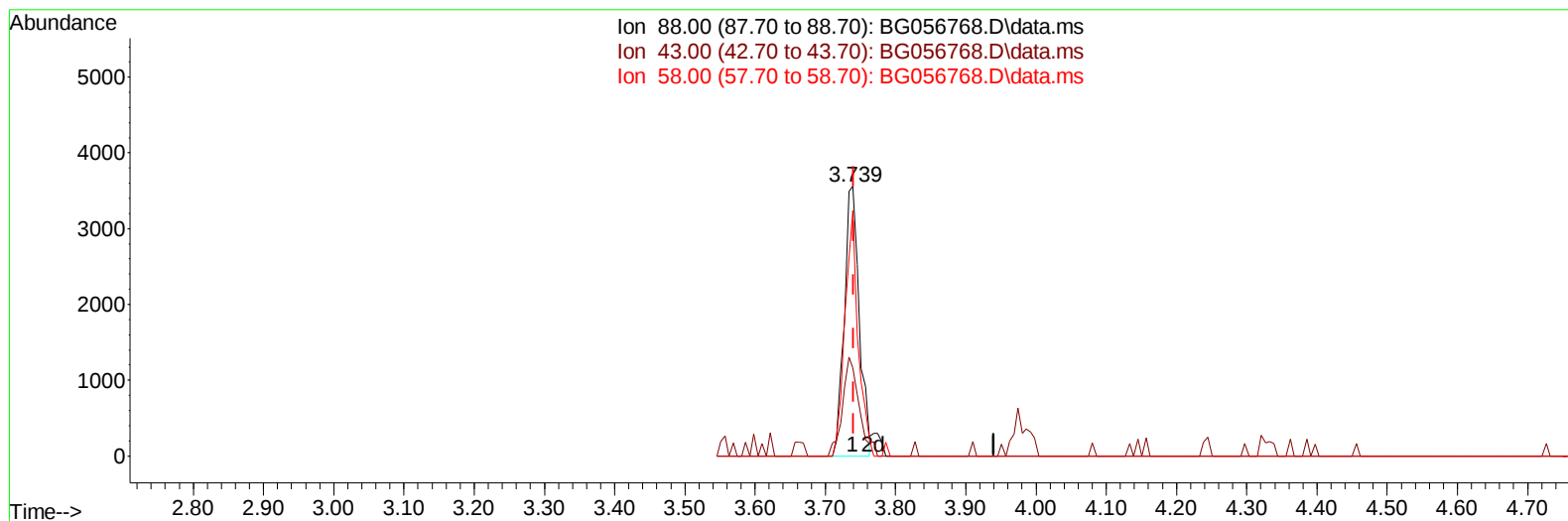
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
 Data File : BG056768.D
 Acq On : 1 Mar 2023 17:49
 Operator : CG/JU
 Sample : 01649-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBZV0MSD

Manual IntegrationsAPPROVED

Quant Time: Mar 02 00:15:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 02 00:12:28 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/02/2023



TIC: BG056768.D\data.ms

(2) 1,4-Dioxane

3.739min (-0.001) 17.96 ng/uL

response 5287

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	35.40	32.64
58.00	63.20	91.00#
0.00	0.00	0.00

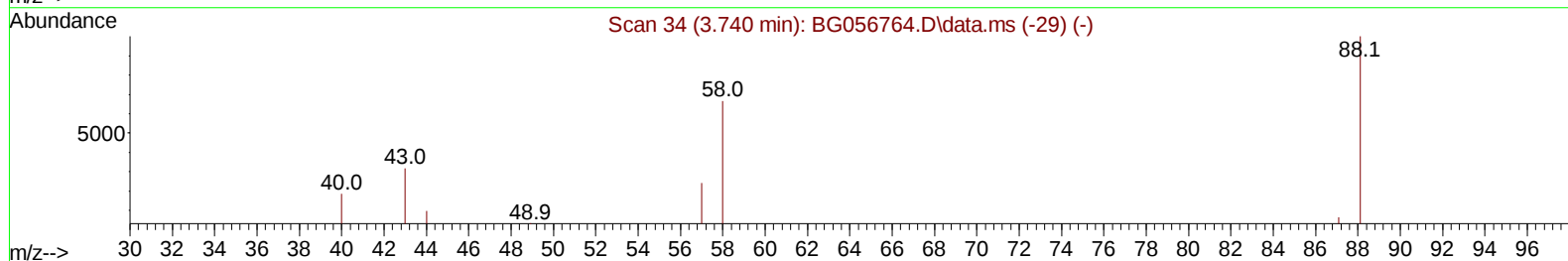
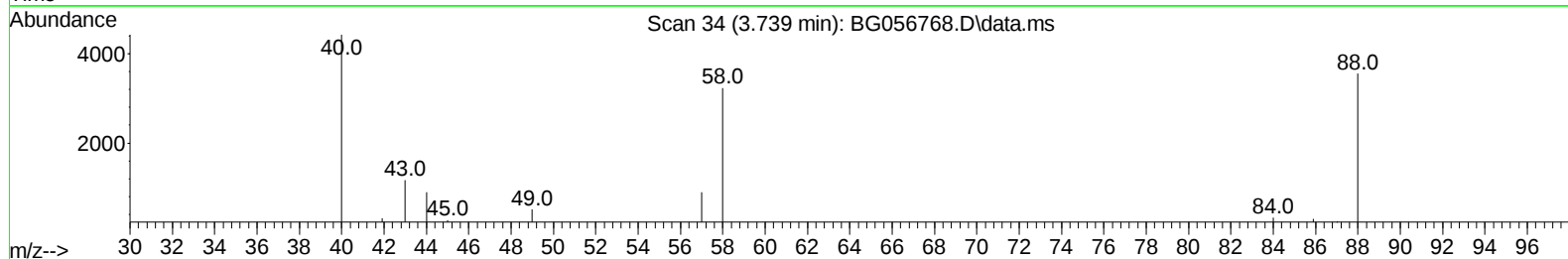
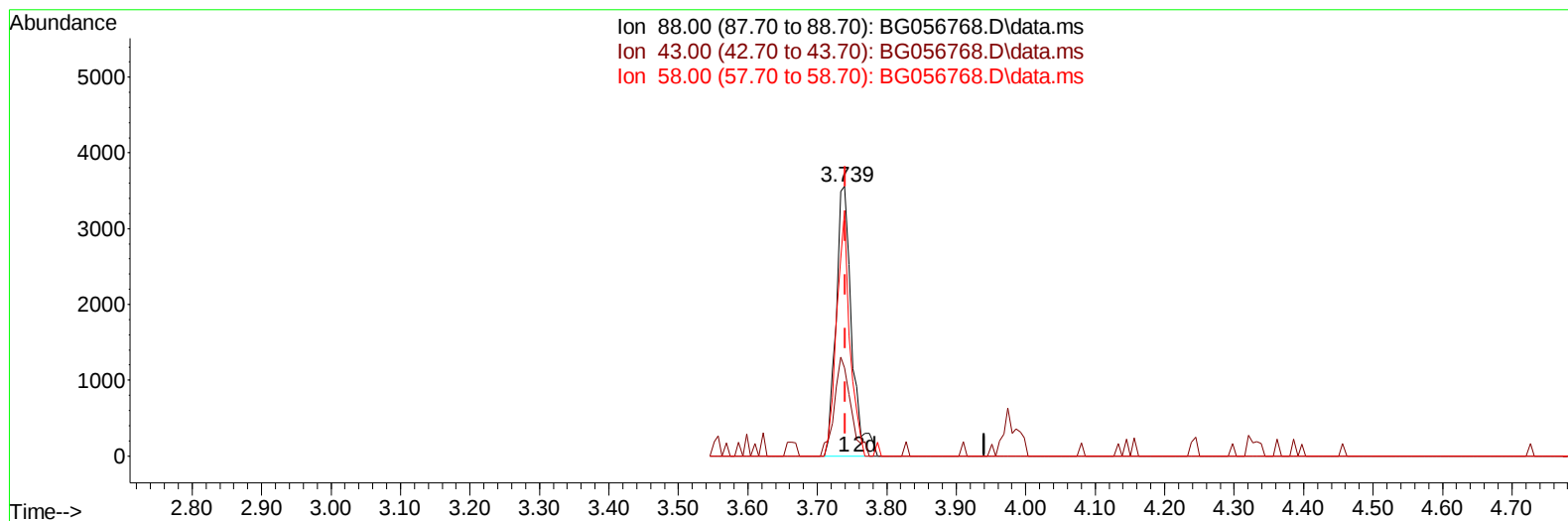
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
 Data File : BG056768.D
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Instrument :
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Manual IntegrationsAPPROVED

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 Supervised By :Jagrut Upadhyay 03/02/2023



TIC: BG056768.D\data.ms

(2) 1,4-Dioxane

3.739min (-0.001) 18.89 ng/uL m

response 5561

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	35.40	32.64
58.00	63.20	91.00#
0.00	0.00	0.00

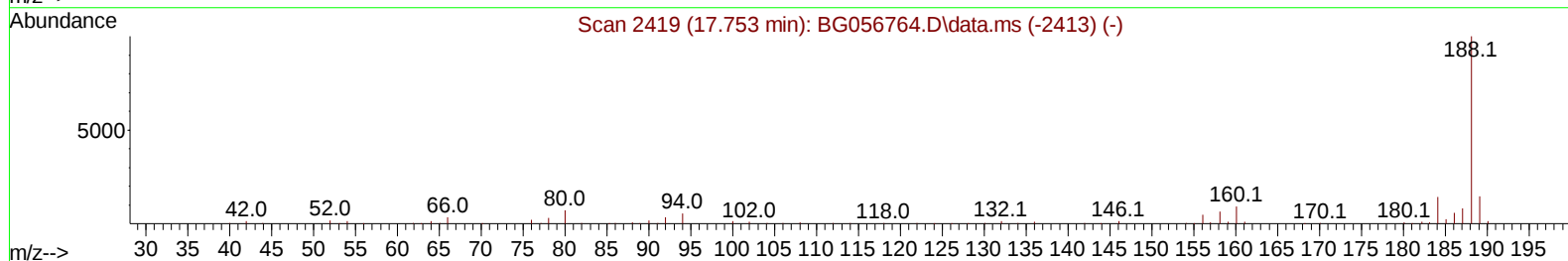
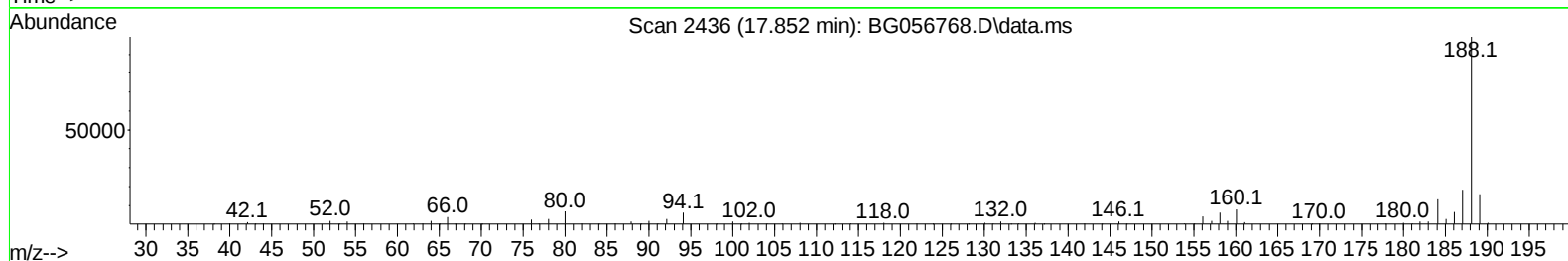
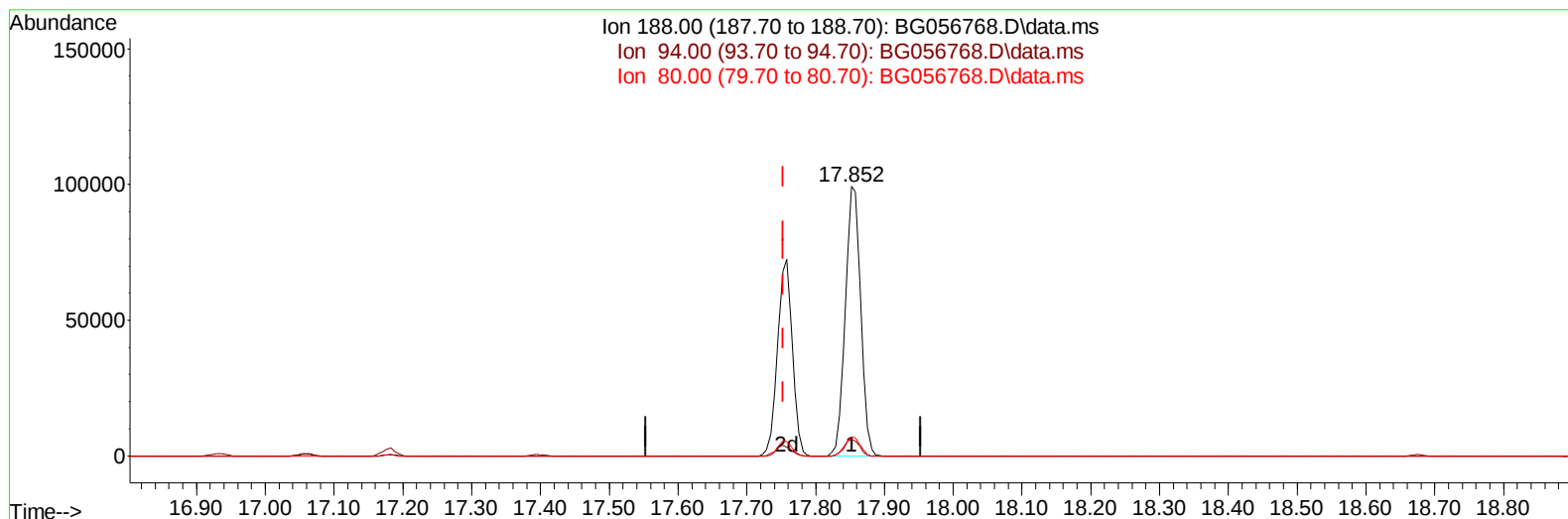
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TIC: BG056768.D\data.ms

(64) Phenanthrene-d10 (I)

17.852min (+ 0.099) 20.00 ng/u1

response 154385

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.00	6.11
80.00	8.00	6.92
0.00	0.00	0.00

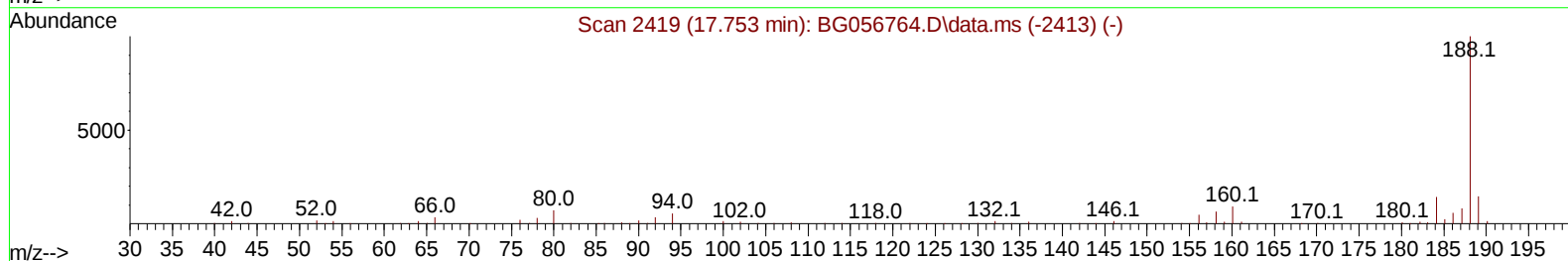
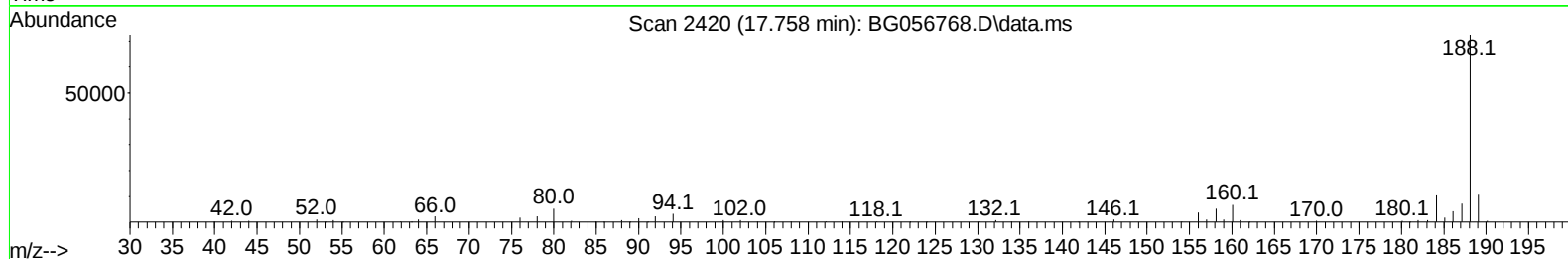
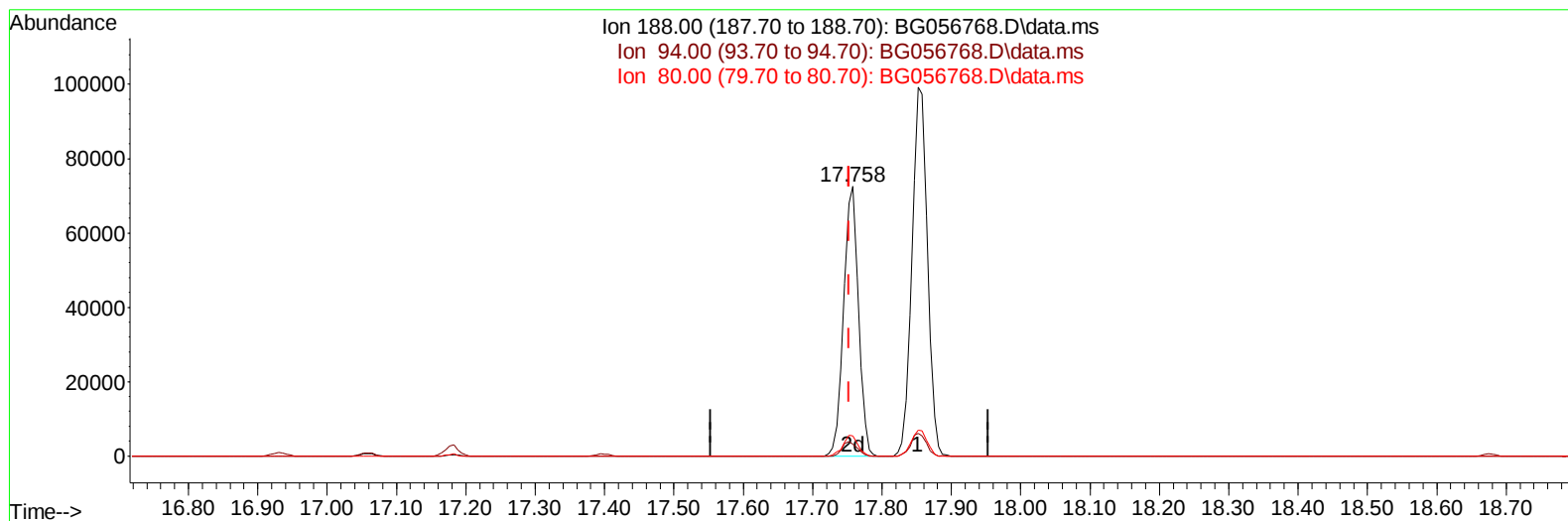
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
 Data File : BG056768.D
 Acq On : 1 Mar 2023 17:49
 Operator : CG/JU
 Sample : 01649-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG056768.D\data.ms

(64) Phenanthrene-d10 (I)

17.758min (+ 0.005) 20.00 ng/ul m

response 107046

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.00	4.47#
80.00	8.00	7.37
0.00	0.00	0.00

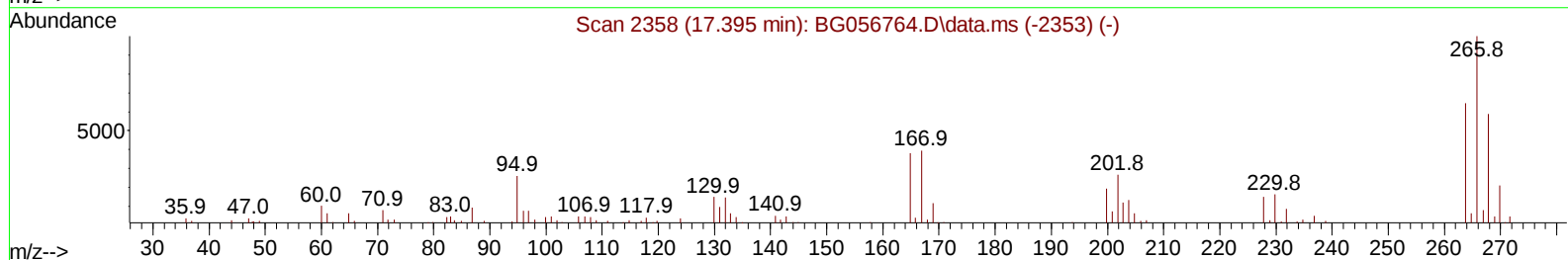
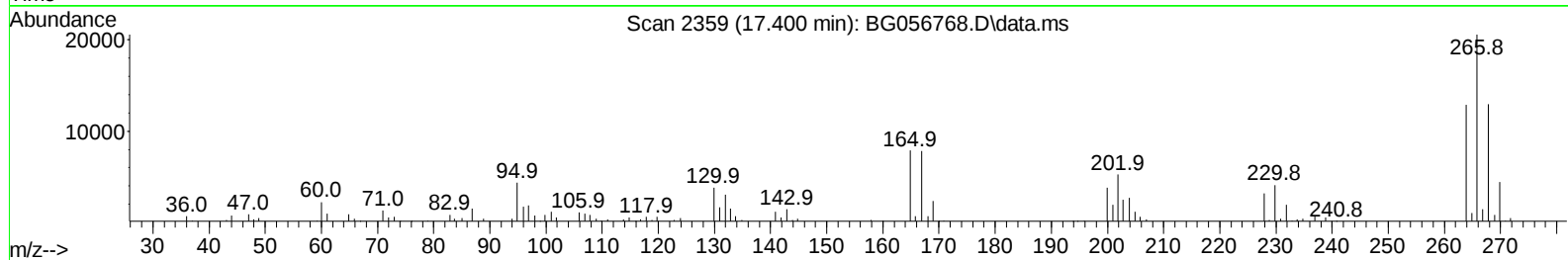
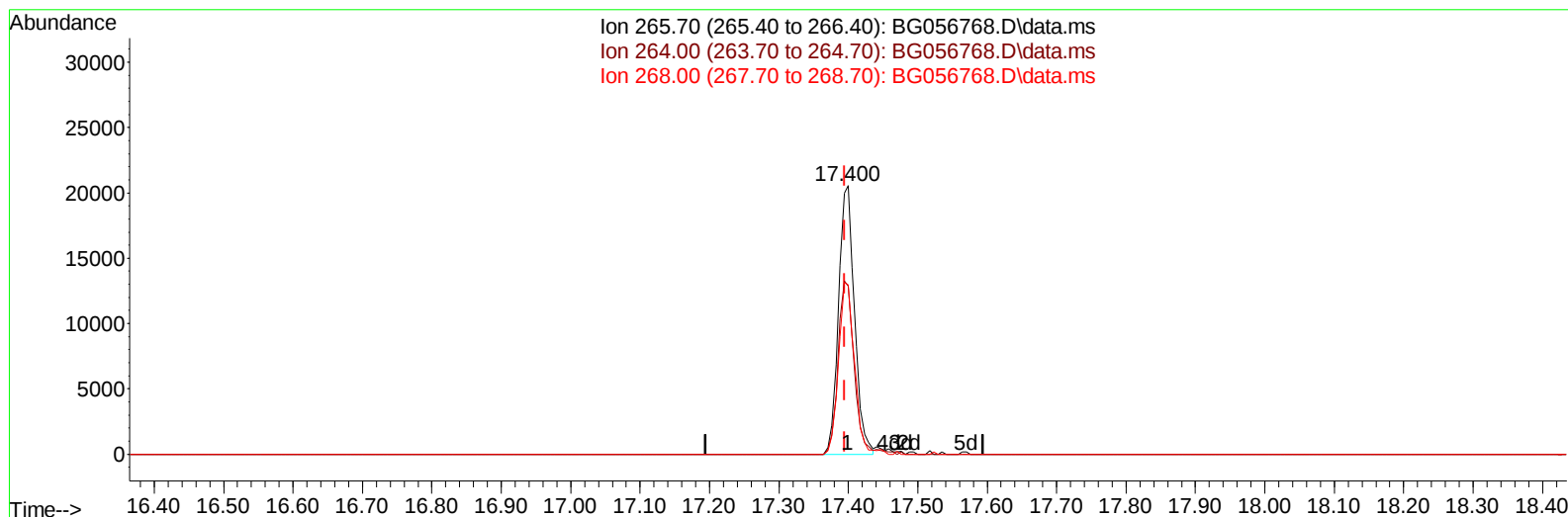
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056768.D
Acq On : 1 Mar 2023 17:49
Operator : CG/JU
Sample : 01649-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZV0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023

Quant Time: Mar 02 00:15:19 2023
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QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration



TIC: BG056768.D\data.ms

(71) Pentachlorophenol (C)

17.400min (+ 0.005) 39.81 ng/u1

response 32941

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.40	62.68
268.00	68.10	63.00
0.00	0.00	0.00

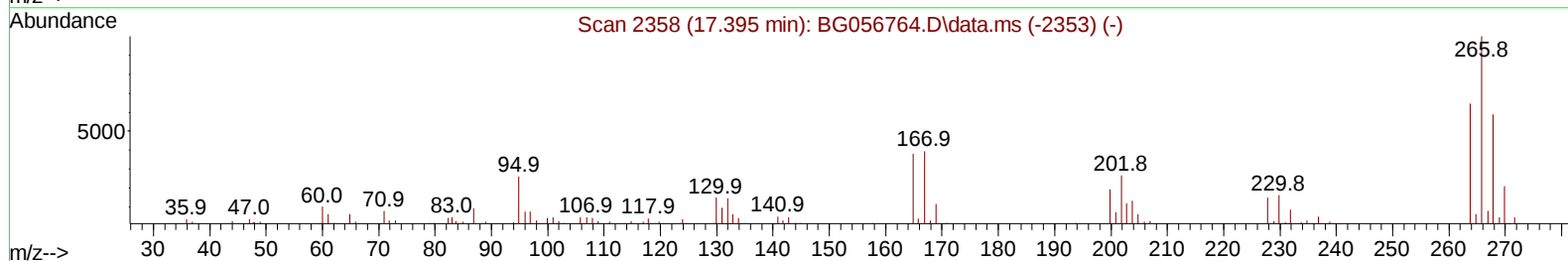
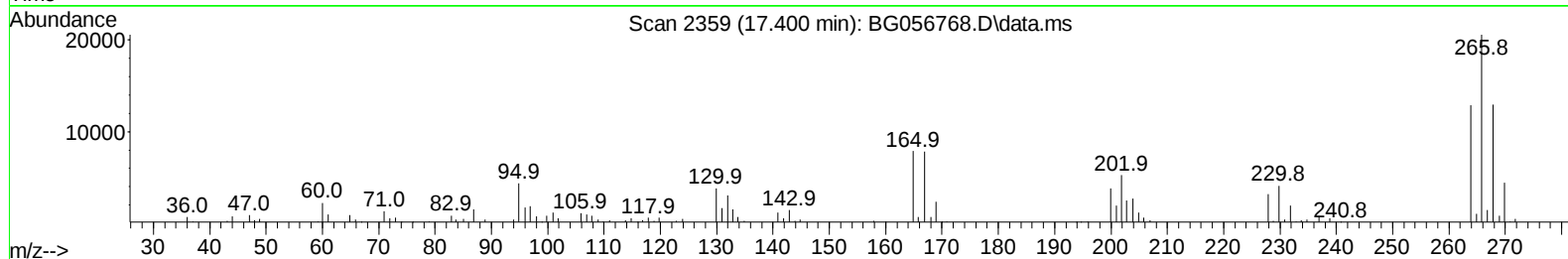
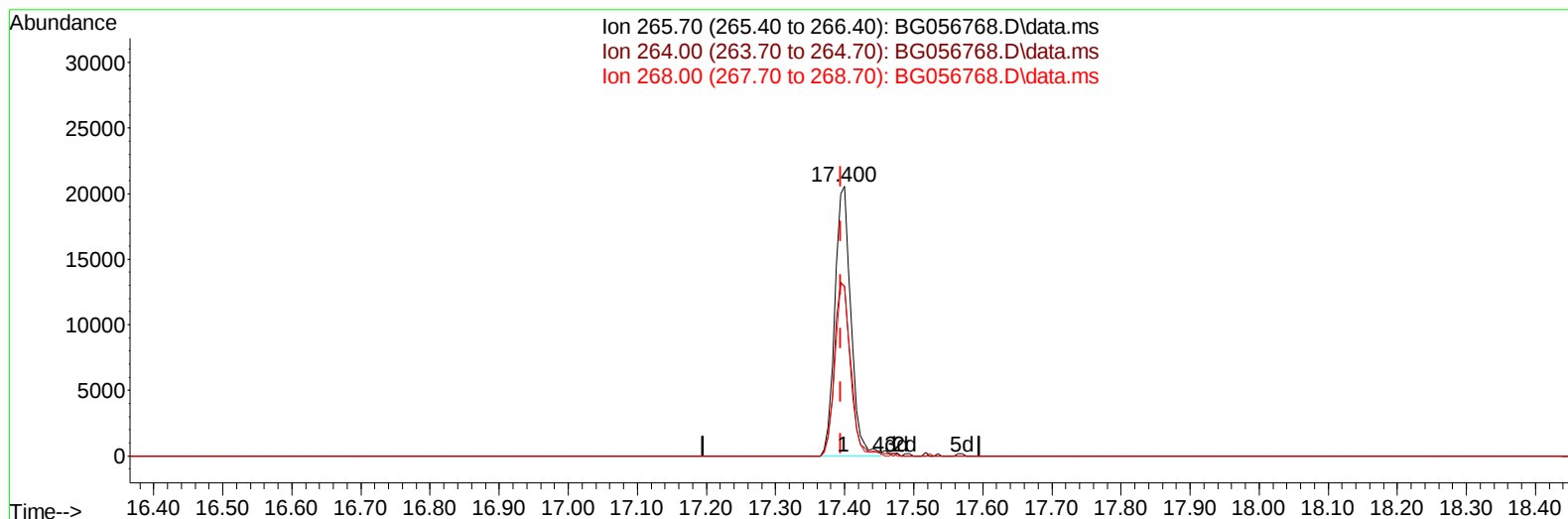
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
 Data File : BG056768.D
 Acq On : 1 Mar 2023 17:49
 Operator : CG/JU
 Sample : 01649-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBZV0MSD

Manual IntegrationsAPPROVED

Quant Time: Mar 02 00:15:19 2023
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Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/02/2023



TIC: BG056768.D\data.ms

(71) Pentachlorophenol (C)

17.400min (+ 0.005) 40.34 ng/ul m

response 33384

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.40	62.68
268.00	68.10	63.00
0.00	0.00	0.00

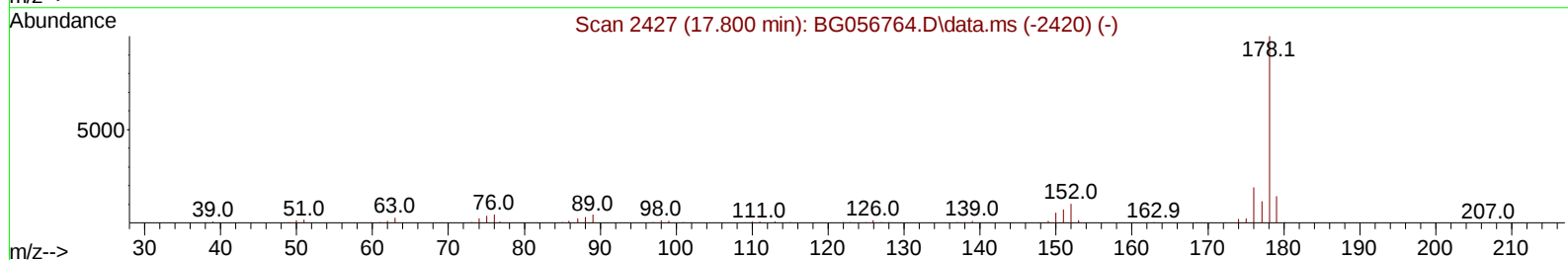
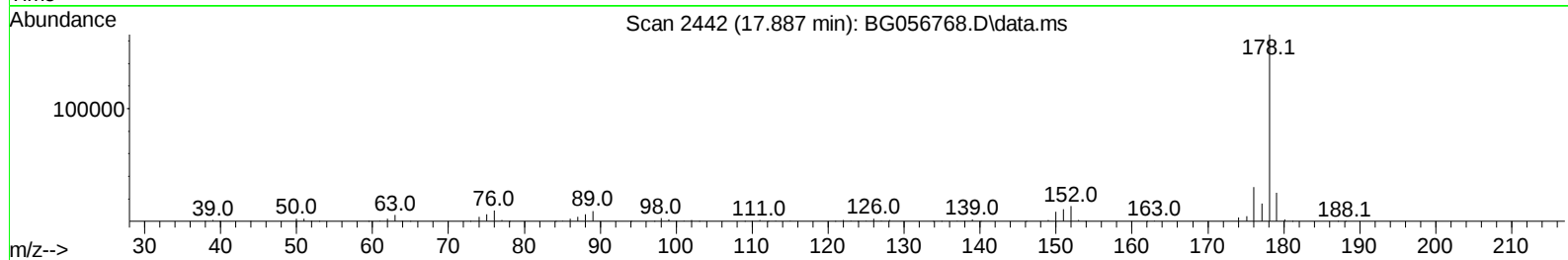
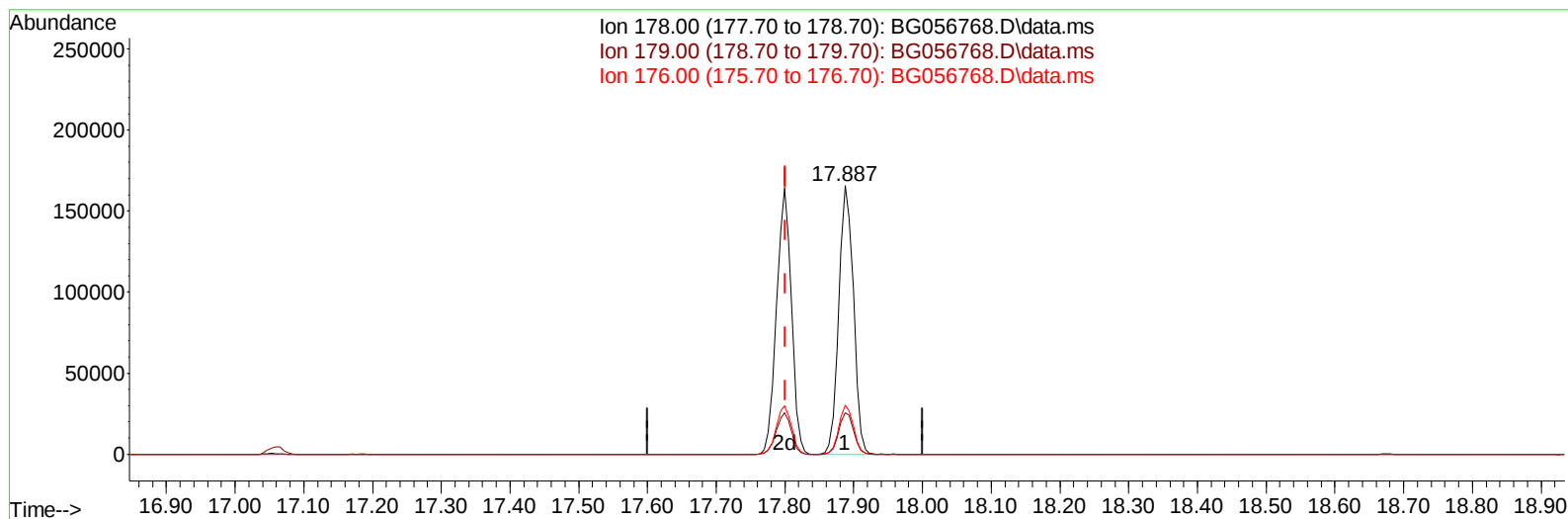
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
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 Acq On : 1 Mar 2023 17:49
 Operator : CG/JU
 Sample : 01649-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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TIC: BG056768.D\data.ms

(72) Phenanthrene

17.887min (+ 0.087) 42.10 ng/u1

response 244087

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	15.38
176.00	18.00	18.37
0.00	0.00	0.00

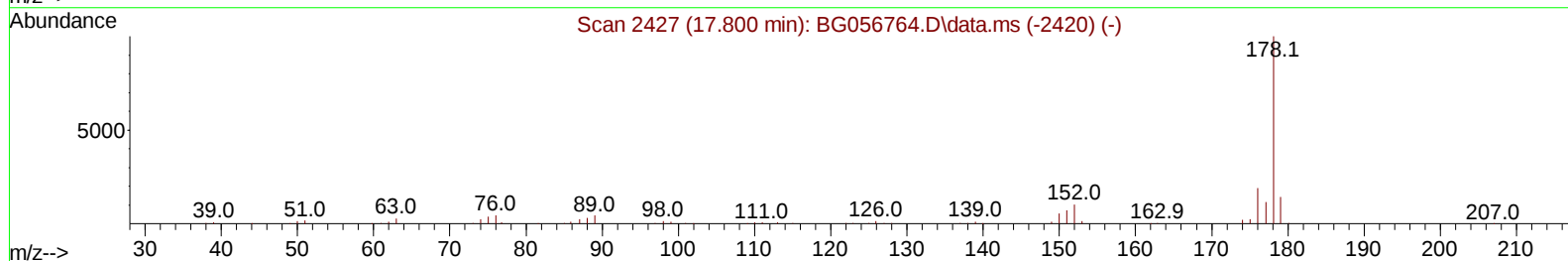
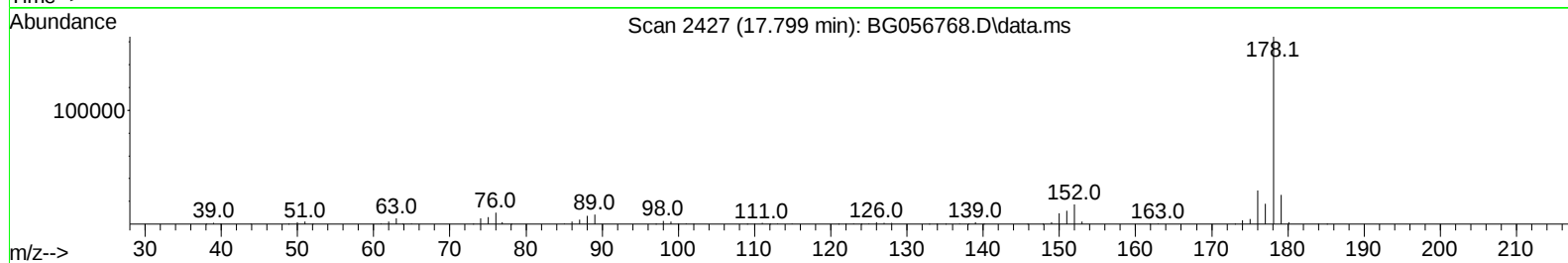
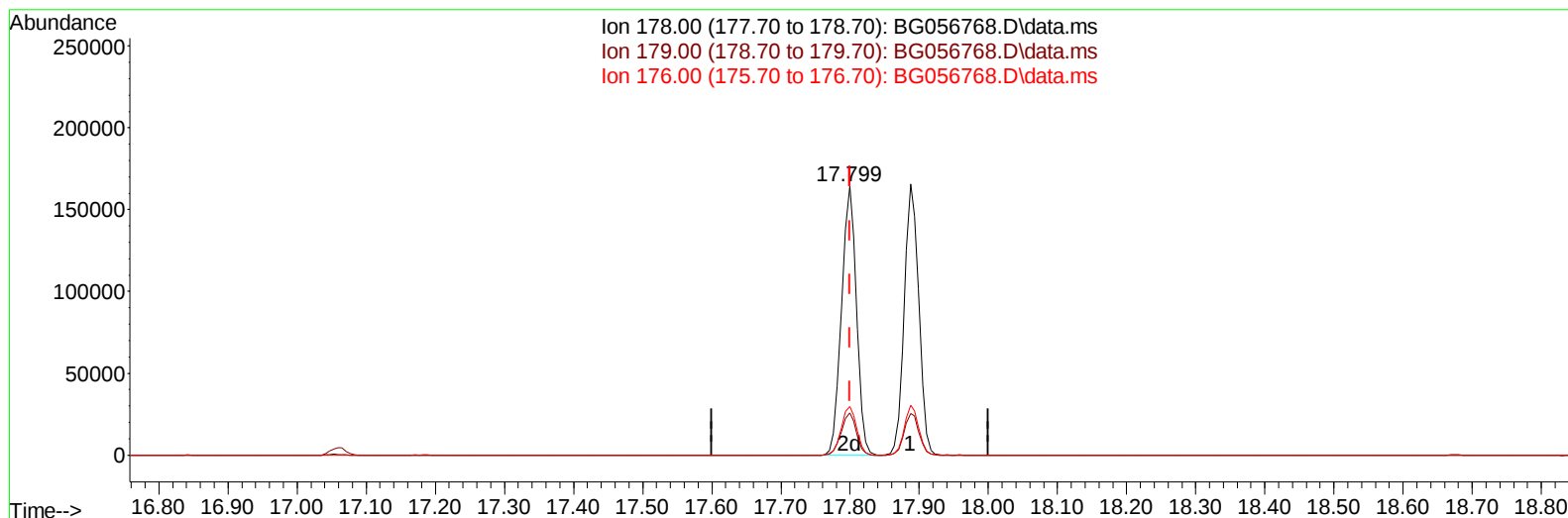
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
 Data File : BG056768.D
 Acq On : 1 Mar 2023 17:49
 Operator : CG/JU
 Sample : 01649-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBZV0MSD

Manual IntegrationsAPPROVED

Quant Time: Mar 02 00:15:19 2023
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 Supervised By :Jagrut Upadhyay 03/02/2023



TIC: BG056768.D\data.ms

(72) Phenanthrene

17.799min (-0.001) 42.54 ng/ul m

response 246690

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	15.60
176.00	18.00	18.12
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
 Data File : BG056768.D
 Acq On : 1 Mar 2023 17:49
 Operator : CG/JU
 Sample : 01649-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBZV0MSD

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.416	152	13243	20.000	ng/ul	0.00
20) Naphthalene-d8	11.260	136	56578	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.020	164	43547	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.758	188	107046m	20.000	ng/ul	0.00
79) Chrysene-d12	22.065	240	96742	20.000	ng/ul	0.00
88) Perylene-d12	25.578	264	106705	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.698	96	1579	6.614	ng/uL	0.00
4) Pyridine-d5	4.133	84	20546	21.322	ng/ul	0.00
7) Phenol-d5	7.541	99	40455	30.527	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.723	67	24024	29.719	ng/ul	0.00
11) 2-Chlorophenol-d4	7.940	132	26564	30.185	ng/ul	0.00
15) 4-Methylphenol-d8	9.109	113	29850	29.479	ng/ul	0.00
21) Nitrobenzene-d5	9.591	128	13713	28.921	ng/ul	0.00
24) 2-Nitrophenol-d4	10.320	143	16755	29.687	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.860	165	34365	32.320	ng/ul	0.00
31) 4-Chloroaniline-d4	11.377	131	34338	24.760	ng/ul	0.00
46) Dimethylphthalate-d6	14.409	166	108937	31.005	ng/ul	0.00
49) Acenaphthylene-d8	14.721	160	122133	30.585	ng/ul	0.00
54) 4-Nitrophenol-d4	15.179	143	17608	29.068	ng/ul	0.00
60) Fluorene-d10	16.001	176	101588	31.257	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.107	200	21215	29.623	ng/ul	0.00
73) Anthracene-d10	17.852	188	154385	29.728	ng/ul	0.00
81) Pyrene-d10	20.114	212	186823	28.539	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.343	264	179102	31.097	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.739	88	5561m	18.892	ng/uL	
5) Pyridine	4.156	79	41482	40.649	ng/ul	93
6) Benzaldehyde	7.541	77	35337	50.897	ng/ul	97
8) Phenol	7.570	94	59053	43.687	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.817	93	41547	43.259	ng/ul	94
12) 2-Chlorophenol	7.976	128	38149	43.773	ng/ul	96
13) 2-Methylphenol	8.845	108	42185	41.374	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.939	45	53083	41.131	ng/ul	97
16) Acetophenone	9.245	105	71994	41.519	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.221	70	41991	42.205	ng/ul#	94
18) 4-Methylphenol	9.174	108	46185	41.687	ng/ul	95
19) Hexachloroethane	9.521	117	15594	42.077	ng/ul	91
22) Nitrobenzene	9.632	77	61008	44.372	ng/ul	97
23) Isophorone	10.155	82	114401	42.559	ng/ul	98
25) 2-Nitrophenol	10.355	139	24188	43.416	ng/ul	97
26) 2,4-Dimethylphenol	10.390	107	47107	37.861	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.631	93	59618	43.879	ng/ul#	98
29) 2,4-Dichlorophenol	10.890	162	45571	44.259	ng/ul	96
30) Naphthalene	11.307	128	134481	43.182	ng/ul	97
32) 4-Chloroaniline	11.401	127	45085	32.819	ng/ul	93
33) Hexachlorobutadiene	11.583	225	37087	45.194	ng/ul	94
34) Caprolactam	12.147	113	14881	42.513	ng/ul#	88
35) 4-Chloro-3-methylphenol	12.482	107	50711	42.871	ng/ul	98

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ClientSampleId :

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.882	142	95341	42.747	ng/ul	100
37) 1-Methylnaphthalene	13.099	142	99437	45.218	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.240	216	71089	46.044	ng/ul	97
40) Hexachlorocyclopentadiene	13.216	237	39895	36.062	ng/ul	96
41) 2,4,6-Trichlorophenol	13.463	196	45706	44.305	ng/ul	96
42) 2,4,5-Trichlorophenol	13.534	196	50772	45.325	ng/ul	93
43) 1,1'-Biphenyl	13.863	154	137938	43.076	ng/ul	99
44) 2-Chloronaphthalene	13.916	162	116049	43.801	ng/ul	95
45) 2-Nitroaniline	14.098	65	39710	43.180	ng/ul	94
47) Dimethylphthalate	14.456	163	151828	42.493	ng/ul#	99
48) 2,6-Dinitrotoluene	14.580	165	32176	43.930	ng/ul	94
50) Acenaphthylene	14.750	152	174617	43.285	ng/ul	99
51) 3-Nitroaniline	14.909	138	28685	43.759	ng/ul#	95
52) Acenaphthene	15.085	153	121255	43.754	ng/ul	97
53) 2,4-Dinitrophenol	15.114	184	20071	42.775	ng/ul	95
55) 4-Nitrophenol	15.196	109	30079	42.898	ng/ul	95
56) Dibenzofuran	15.414	168	180568	42.923	ng/ul	97
57) 2,4-Dinitrotoluene	15.361	165	45280	43.121	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.631	232	44219	42.420	ng/ul	98
59) Diethylphthalate	15.807	149	150573	42.100	ng/ul	98
61) Fluorene	16.060	166	142488	42.300	ng/ul	94
62) 4-Chlorophenyl-phenyle...	16.043	204	87738	43.974	ng/ul	97
63) 4-Nitroaniline	16.066	138	29667	46.320	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.119	198	29463	42.732	ng/ul	97
67) N-Nitrosodiphenylamine	16.254	169	128744	43.250	ng/ul	98
68) 4-Bromophenyl-phenylether	16.936	248	59344	43.746	ng/ul	96
69) Hexachlorobenzene	17.059	284	64740	44.421	ng/ul	97
70) Atrazine	17.182	200	46386	35.879	ng/ul	97
71) Pentachlorophenol	17.400	266	33384m	40.341	ng/ul	
72) Phenanthrene	17.799	178	246690m	42.544	ng/ul	
74) Anthracene	17.887	178	244087	41.655	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.833	216	71398	43.599	ng/uL	98
76) Pentachlorobenzene	15.337	250	72754	43.804	ng/uL	97
77) Carbazole	18.146	167	206186	42.054	ng/ul	99
78) Di-n-butylphthalate	18.675	149	240010	42.474	ng/ul	99
80) Fluoranthene	19.779	202	309971	39.161	ng/ul	99
82) Pyrene	20.144	202	307094	39.381	ng/ul	99
83) Butylbenzylphthalate	21.001	149	105757	42.751	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.936	252	100007	41.231	ng/ul	99
85) Benzo(a)anthracene	22.041	228	305357	43.368	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.900	149	151411	43.570	ng/ul	99
87) Chrysene	22.112	228	284261	43.347	ng/ul	99
89) Di-n-octyl phthalate	23.216	149	256422	44.202	ng/ul	100
90) Benzo(b)fluoranthene	24.456	252	310093	43.410	ng/ul	99
91) Benzo(k)fluoranthene	24.533	252	306161	44.003	ng/ul	97
93) Benzo(a)pyrene	25.420	252	271005	43.160	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.650	276	368445	43.195	ng/ul	97
95) Dibenzo(a,h)anthracene	29.721	278	305965	42.901	ng/ul#	94
96) Benzo(g,h,i)perylene	30.925	276	294680	43.250	ng/ul#	96

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

Instrument :

BNA_G

ClientSampleId :

DBZV0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/02/2023

