

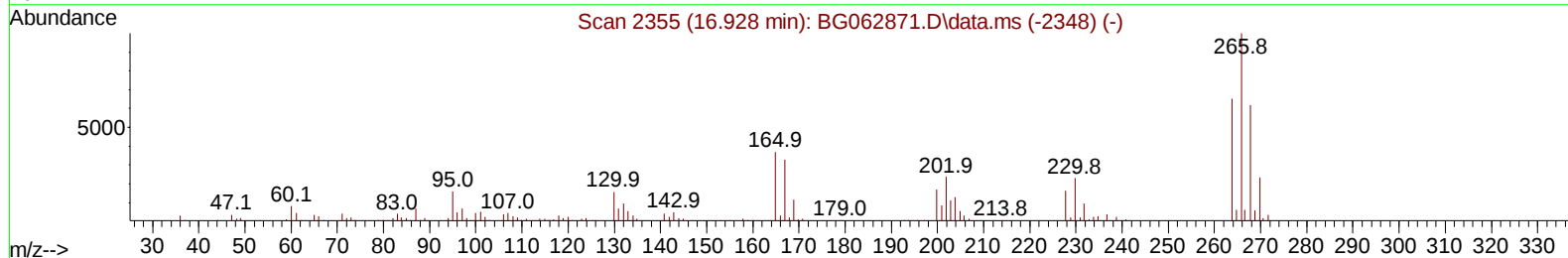
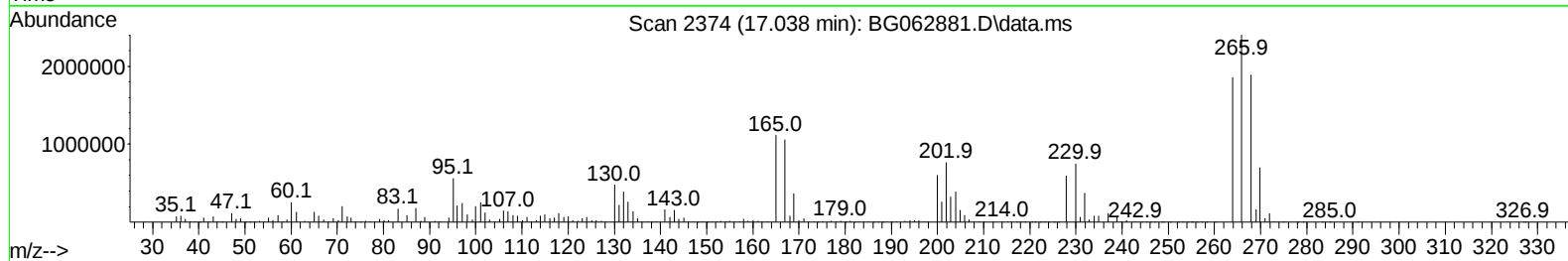
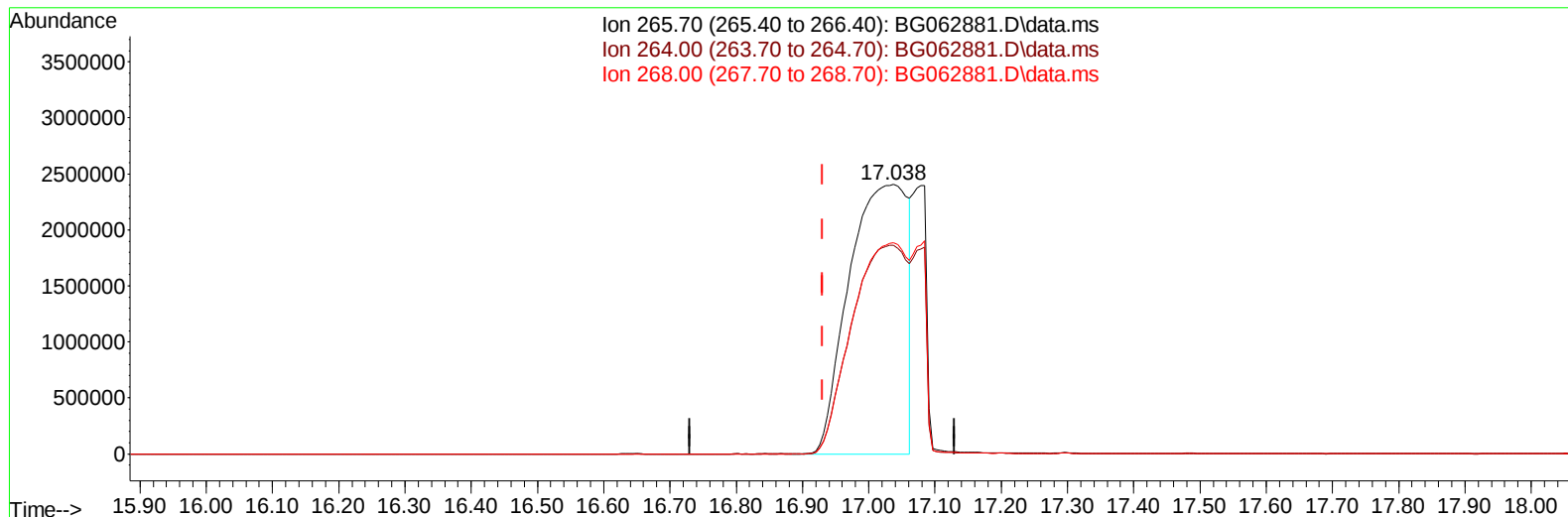
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062881.D
Acq On : 16 Sep 2024 16:14
Operator : JU/RC
Sample : P3899-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 17:15:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration



TIC: BG062881.D\data.ms

(71) Pentachlorophenol (C)

17.038min (+ 0.108) 7075.06 ng/u1

response 14621266

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	60.70	77.44#
268.00	61.90	78.50#
0.00	0.00	0.00

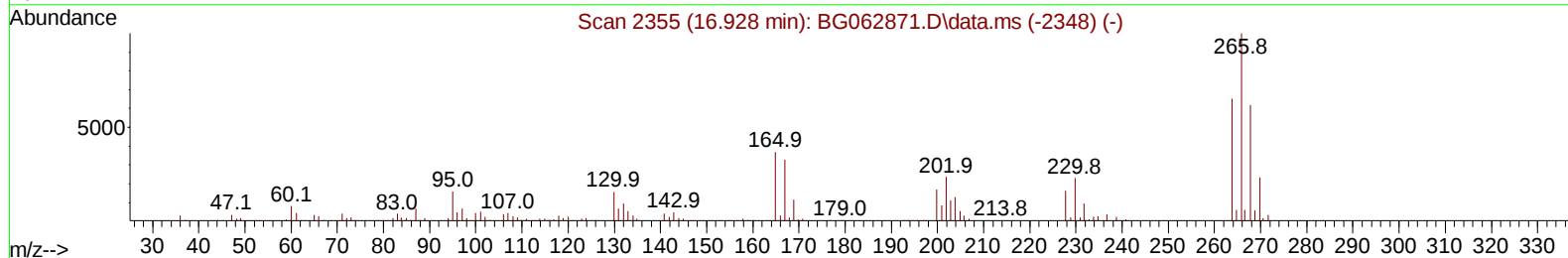
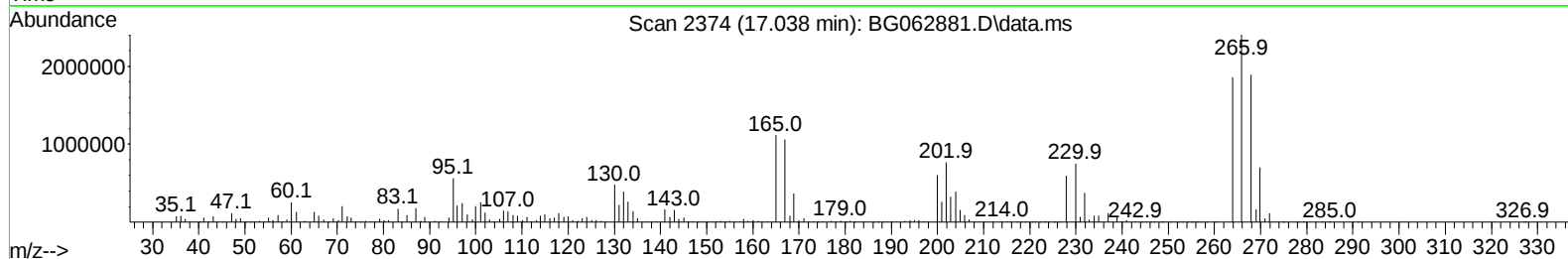
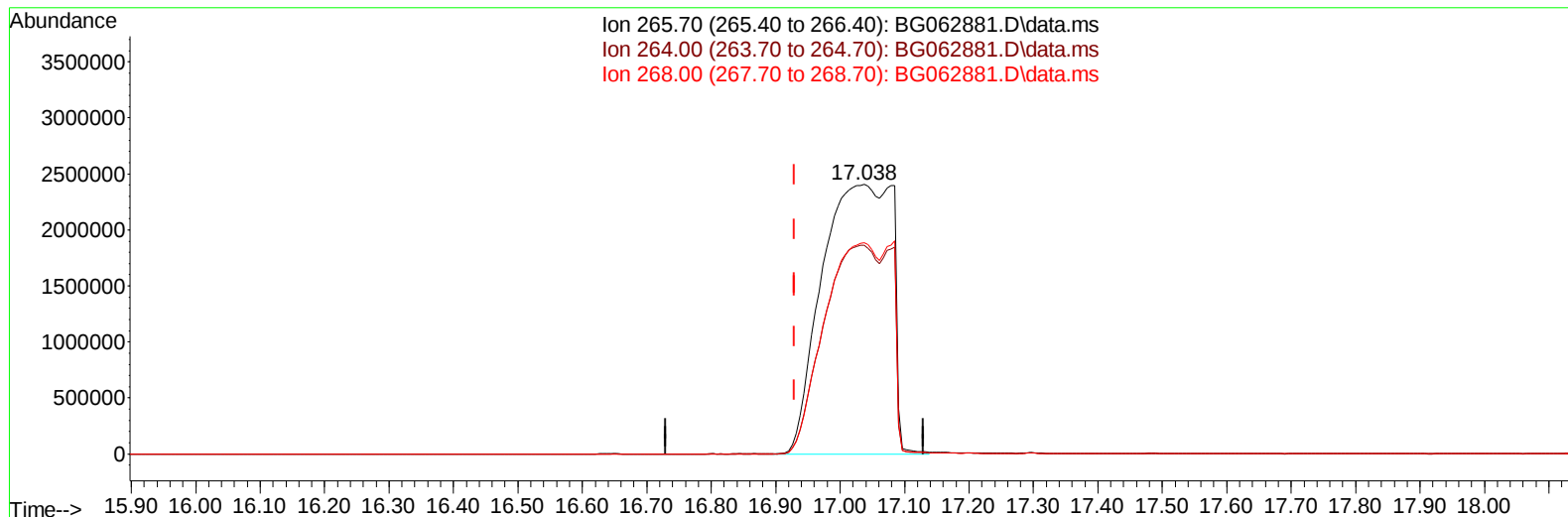
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062881.D
Acq On : 16 Sep 2024 16:14
Operator : JU/RC
Sample : P3899-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Sep 16 17:15:30 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062881.D\data.ms

(71) Pentachlorophenol (C)

17.038min (+ 0.108) 8800.28 ng/u1 m

response 18186602

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	60.70	77.44#
268.00	61.90	78.50#
0.00	0.00	0.00

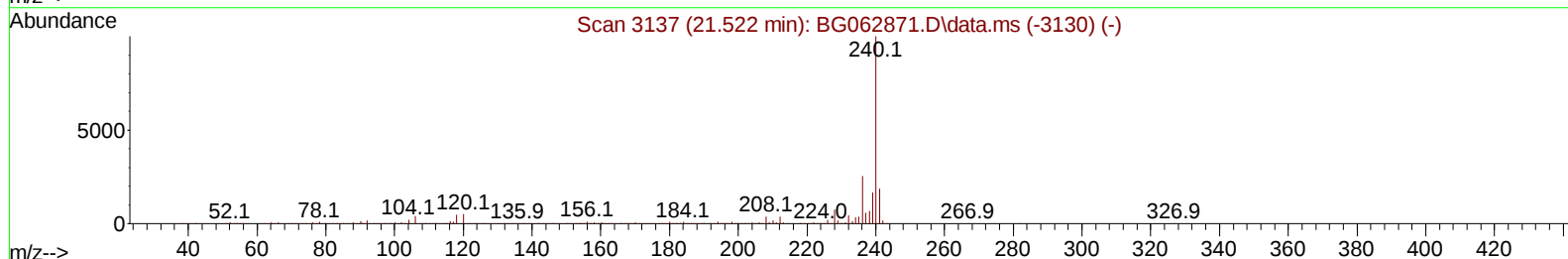
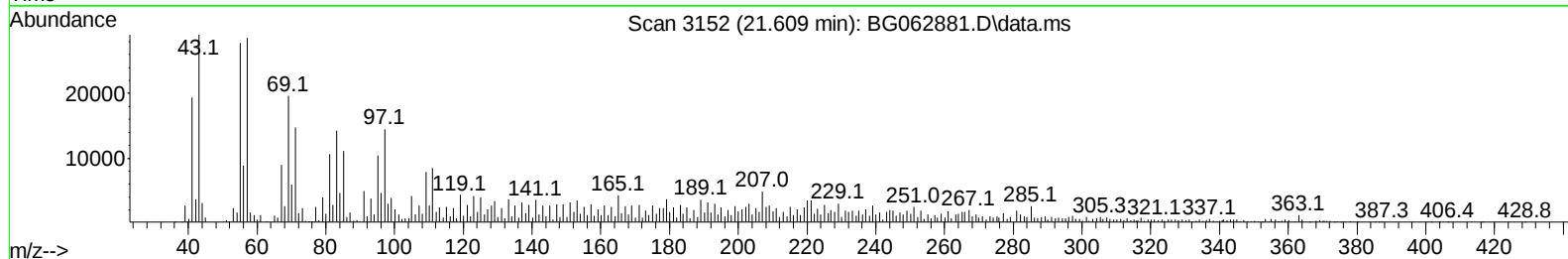
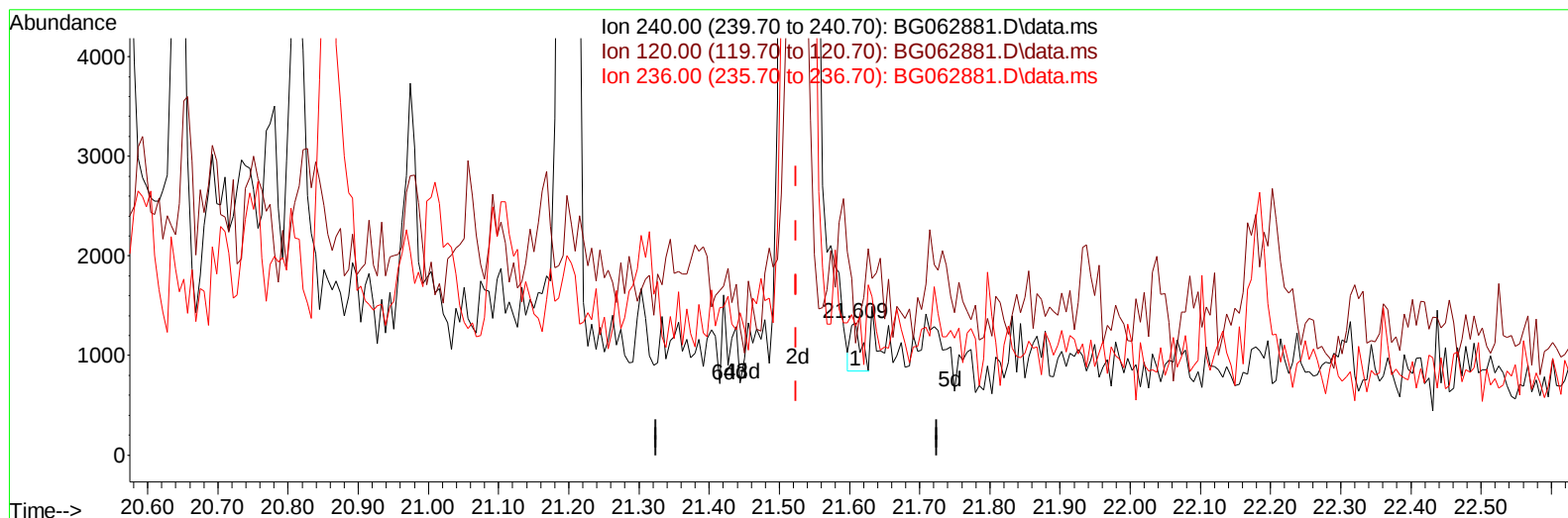
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062881.D
Acq On : 16 Sep 2024 16:14
Operator : JU/RC
Sample : P3899-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Sep 16 17:15:30 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062881.D\data.ms

(79) Chrysene-d12 (I)

21.609min (+ 0.084) 20.00 ng/u1

response 500

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.30	84.36#
236.00	25.80	97.59#
0.00	0.00	0.00

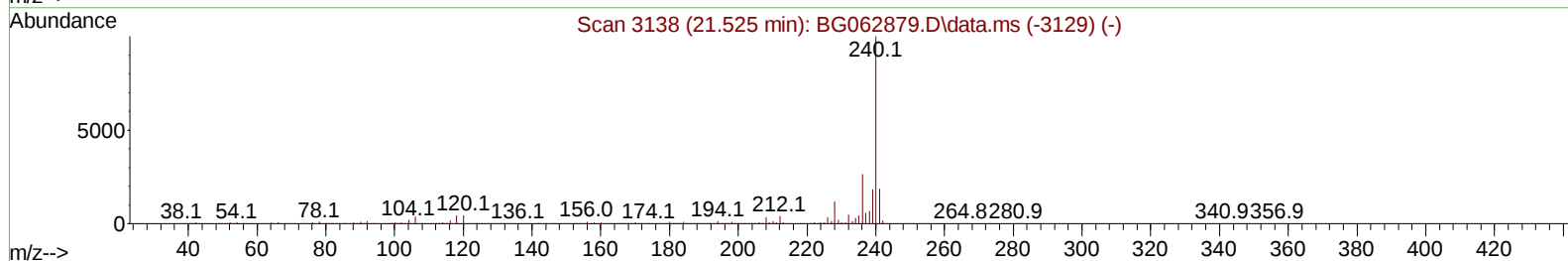
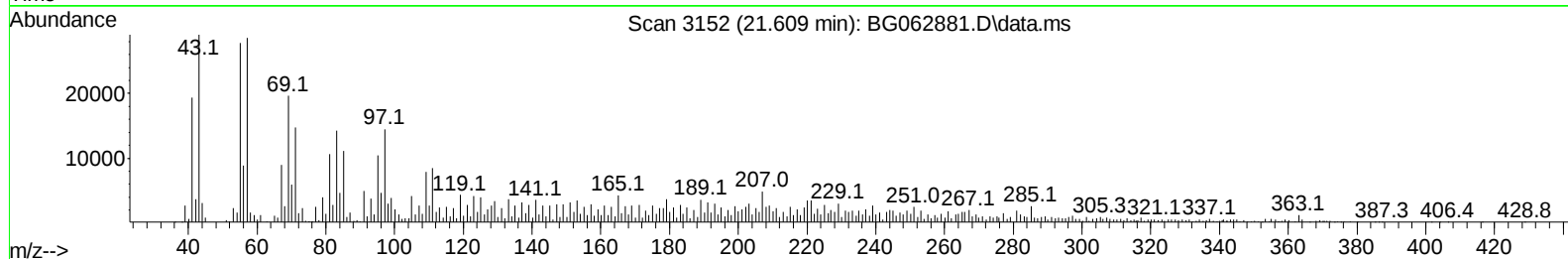
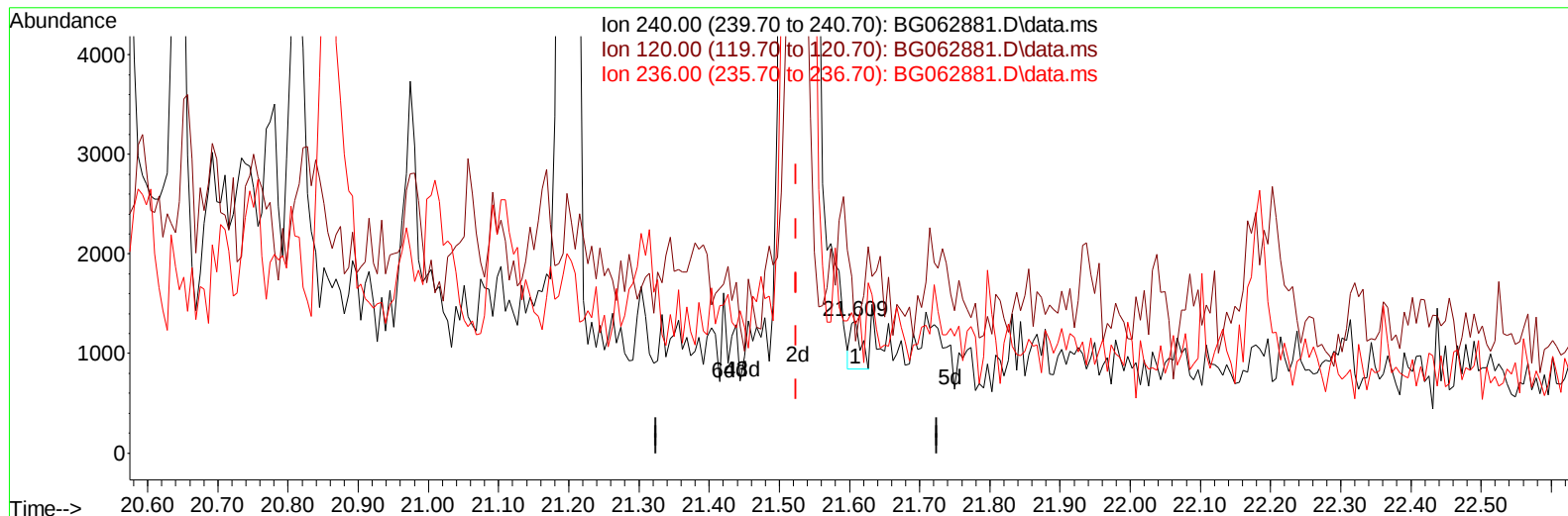
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062881.D
Acq On : 16 Sep 2024 16:14
Operator : JU/RC
Sample : P3899-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 16 17:20:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062881.D\data.ms

(79) Chrysene-d12 (I)

21.609min (+ 0.084) 20.00 ng/u1

response 500

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.30	84.36#
236.00	25.80	97.59#
0.00	0.00	0.00

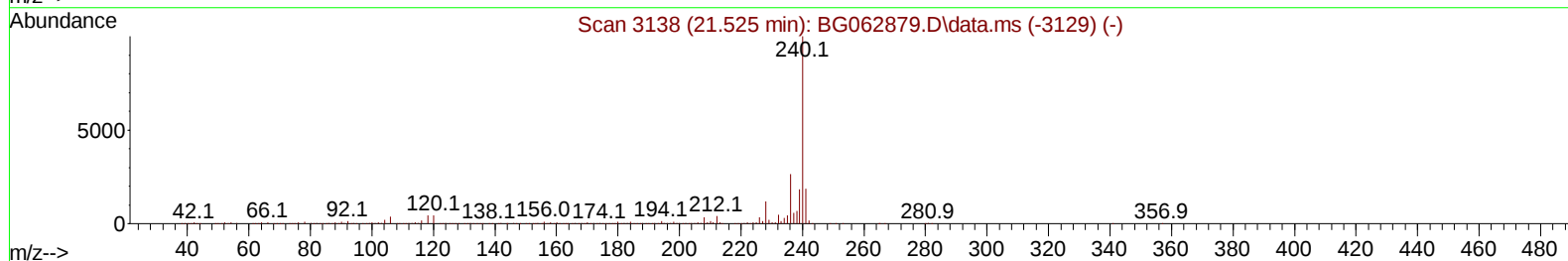
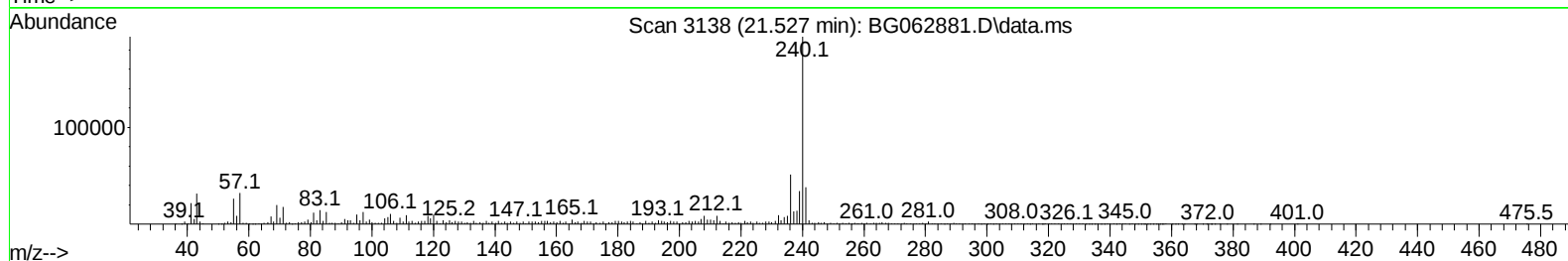
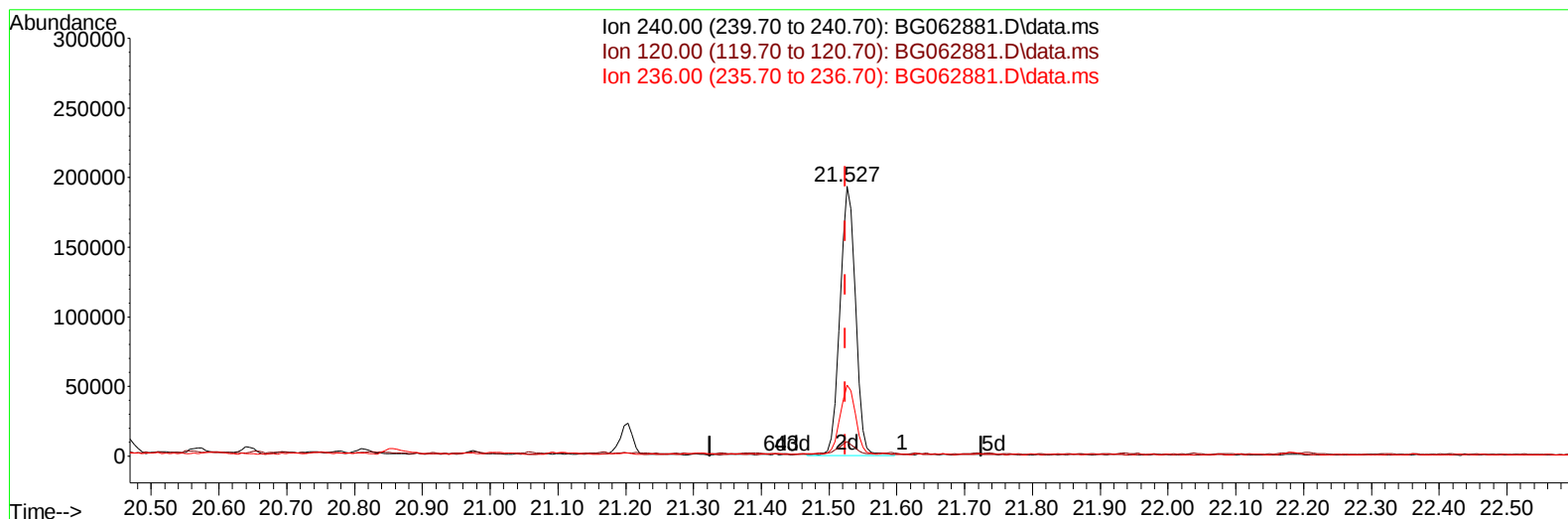
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062881.D
Acq On : 16 Sep 2024 16:14
Operator : JU/RC
Sample : P3899-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 16 17:20:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062881.D\data.ms

(79) Chrysene-d12 (I)

21.527min (+ 0.002) 20.00 ng/ul m

response 306111

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.30	5.28#
236.00	25.80	26.41
0.00	0.00	0.00

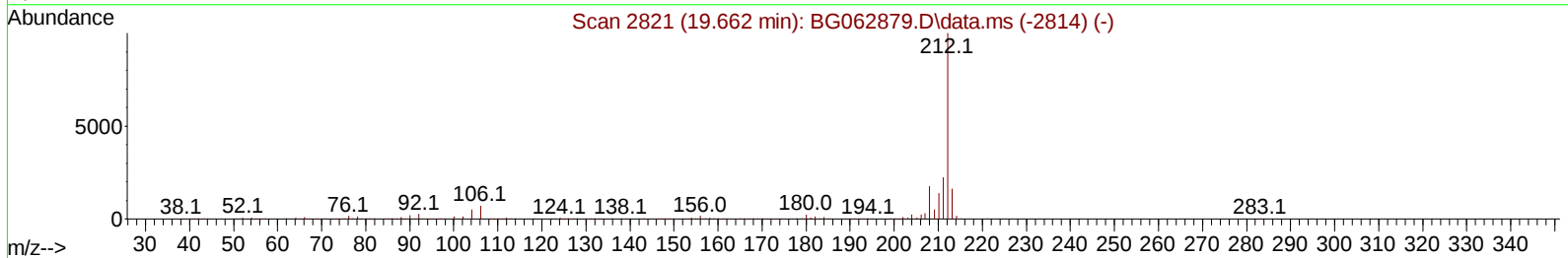
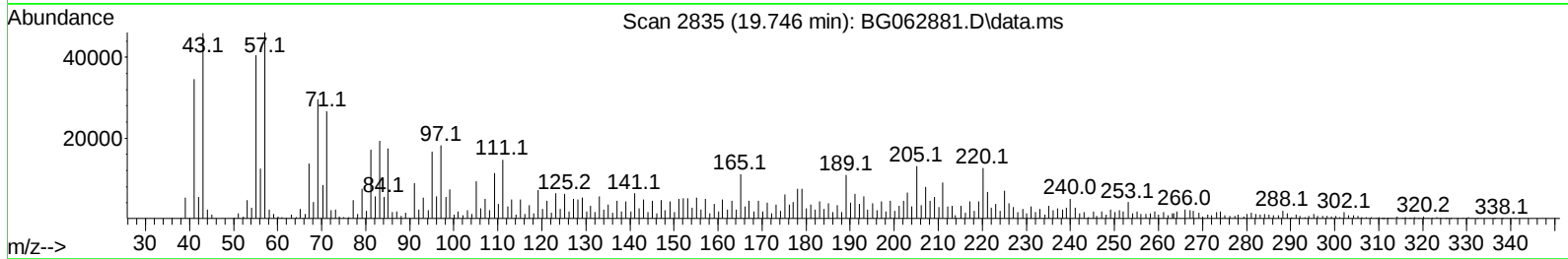
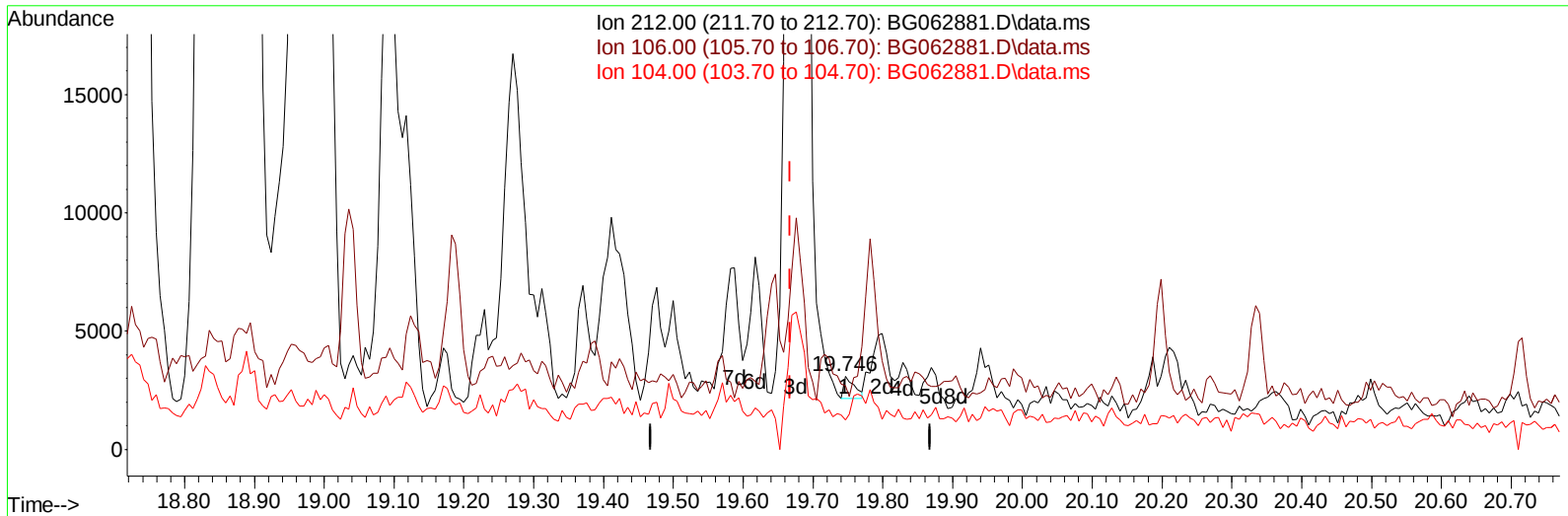
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062881.D
Acq On : 16 Sep 2024 16:14
Operator : JU/RC
Sample : P3899-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 16 17:21:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062881.D\data.ms

(81) Pyrene-d10 (S)

19.746min (+ 0.078) 0.06 ng/u1

response 1023

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	10.90	87.33#
104.00	6.50	39.92#
0.00	0.00	0.00

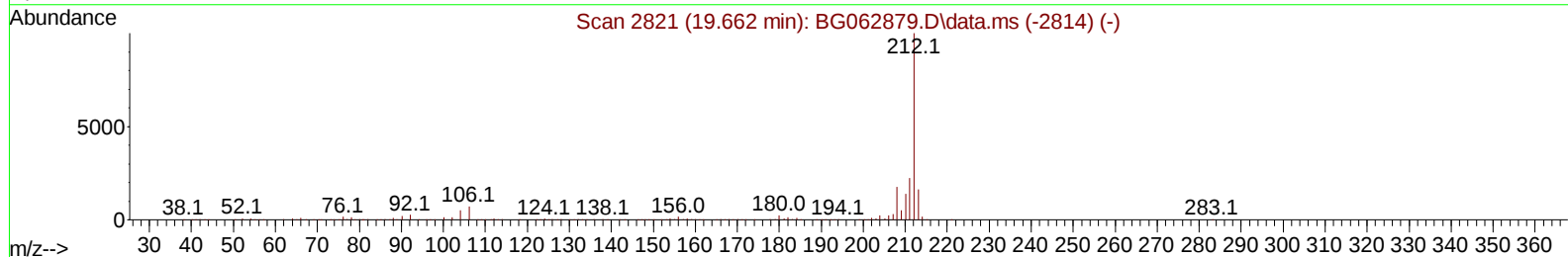
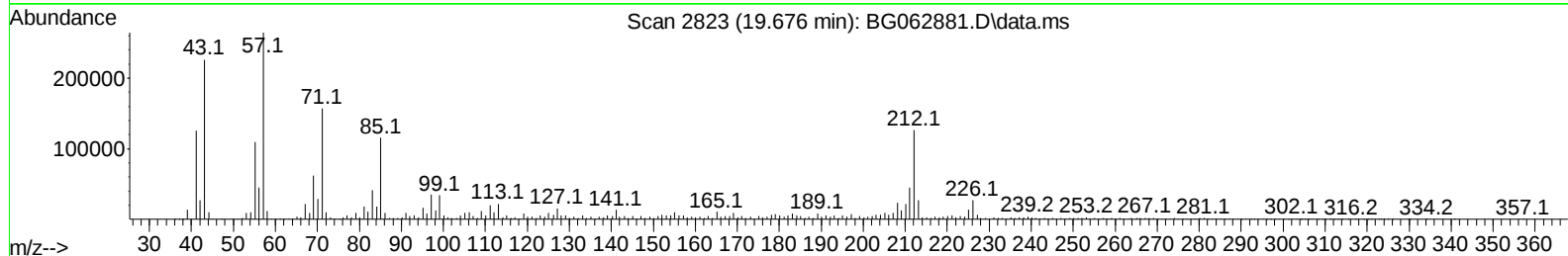
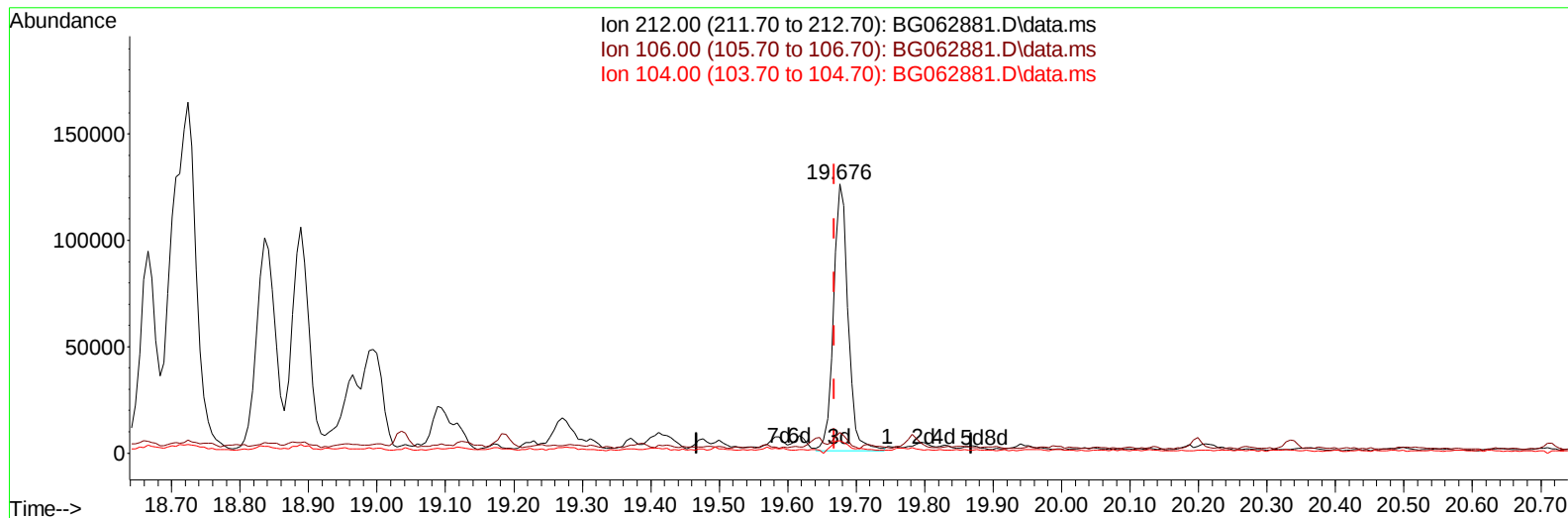
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062881.D
Acq On : 16 Sep 2024 16:14
Operator : JU/RC
Sample : P3899-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 16 17:21:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
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Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062881.D\data.ms

(81) Pyrene-d10 (S)

19.676min (+ 0.008) 10.82 ng/ul m

response 186374

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	10.90	7.74#
104.00	6.50	4.59#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062881.D
 Acq On : 16 Sep 2024 16:14
 Operator : JU/RC
 Sample : P3899-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC53

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/17/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 17:21:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	37759	20.000	ng/ul	0.01
20) Naphthalene-d8	10.710	136	130921	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.546	164	116009	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.326	188	262974	20.000	ng/ul	0.05
79) Chrysene-d12	21.527	240	306111m	20.000	ng/ul	0.00
88) Perylene-d12	24.594	264	334341	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	1379	1.651	ng/uL	0.00
4) Pyridine-d5	3.771	84	4625	1.739	ng/ul	0.00
7) Phenol-d5	7.126	99	44006	13.291	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	7.243	67	36295	18.284	ng/ul	0.00
11) 2-Chlorophenol-d4	7.467	132	25382	10.524	ng/ul	0.03
15) 4-Methylphenol-d8	8.642	113	5076	1.840	ng/ul	0.03
21) Nitrobenzene-d5	9.071	128	8685	9.282	ng/ul	0.01
24) 2-Nitrophenol-d4	9.787	143	17277	16.883	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	30572	13.718	ng/ul	0.04
31) 4-Chloroaniline-d4	10.821	131	90837	29.653	ng/ul	0.00
46) Dimethylphthalate-d6	13.947	166	105187	11.774	ng/ul	0.00
49) Acenaphthylene-d8	14.235	160	111361	11.224	ng/ul	0.00
54) 4-Nitrophenol-d4	14.764	143	27103	17.859	ng/ul	0.03
60) Fluorene-d10	15.539	176	95068	11.809	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.704	200	3707	2.451	ng/ul	0.06
73) Anthracene-d10	17.414	188	145156	11.696	ng/ul	0.04
81) Pyrene-d10	19.676	212	186374m	10.820	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.382	264	145381	8.235	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.763	128	535115	76.230	ng/ul	97
36) 2-Methylnaphthalene	12.373	142	882764	170.390	ng/ul	97
37) 1-Methylnaphthalene	12.590	142	543845	102.479	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.995	196	15761	6.524	ng/ul	90
42) 2,4,5-Trichlorophenol	13.078	196	15194	5.858	ng/ul	92
43) 1,1'-Biphenyl	13.371	154	91636	11.233	ng/ul#	83
52) Acenaphthene	14.605	153	38718	5.218	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.205	232	3008353	1144.532	ng/ul#	98
61) Fluorene	15.592	166	83743	9.671	ng/ul#	88
71) Pentachlorophenol	17.038	266	18186602m	8800.281	ng/ul	
72) Phenanthrene	17.367	178	450455	32.939	ng/ul#	96

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

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