

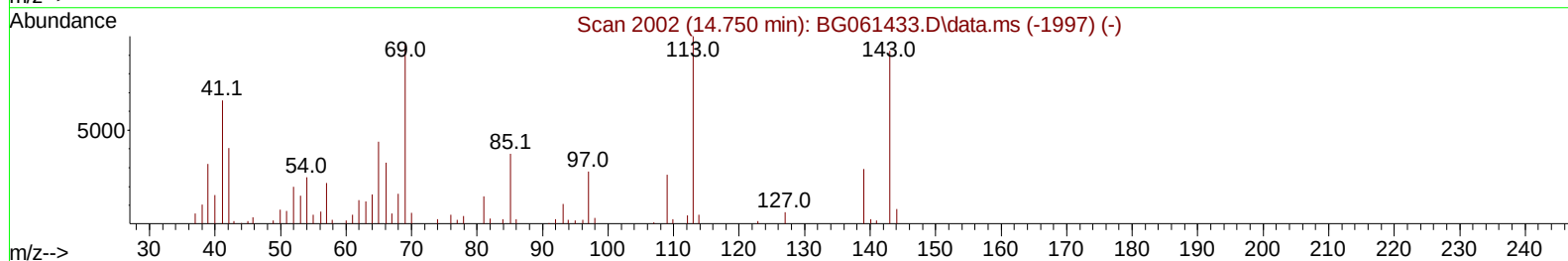
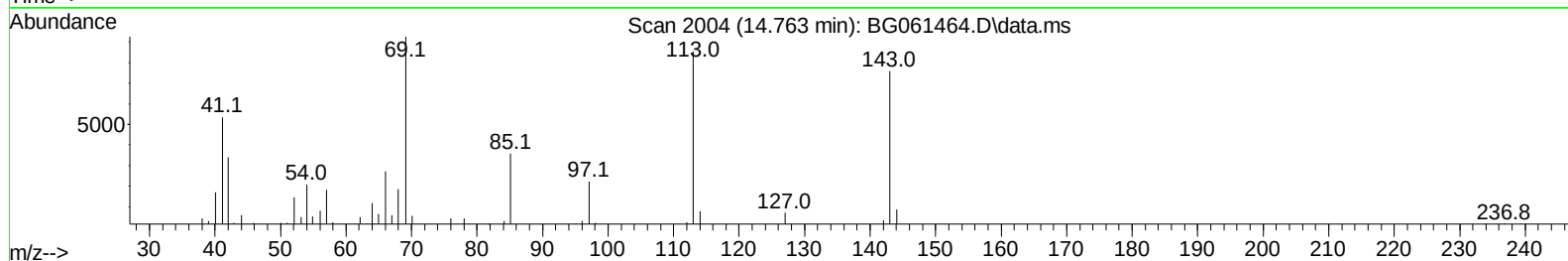
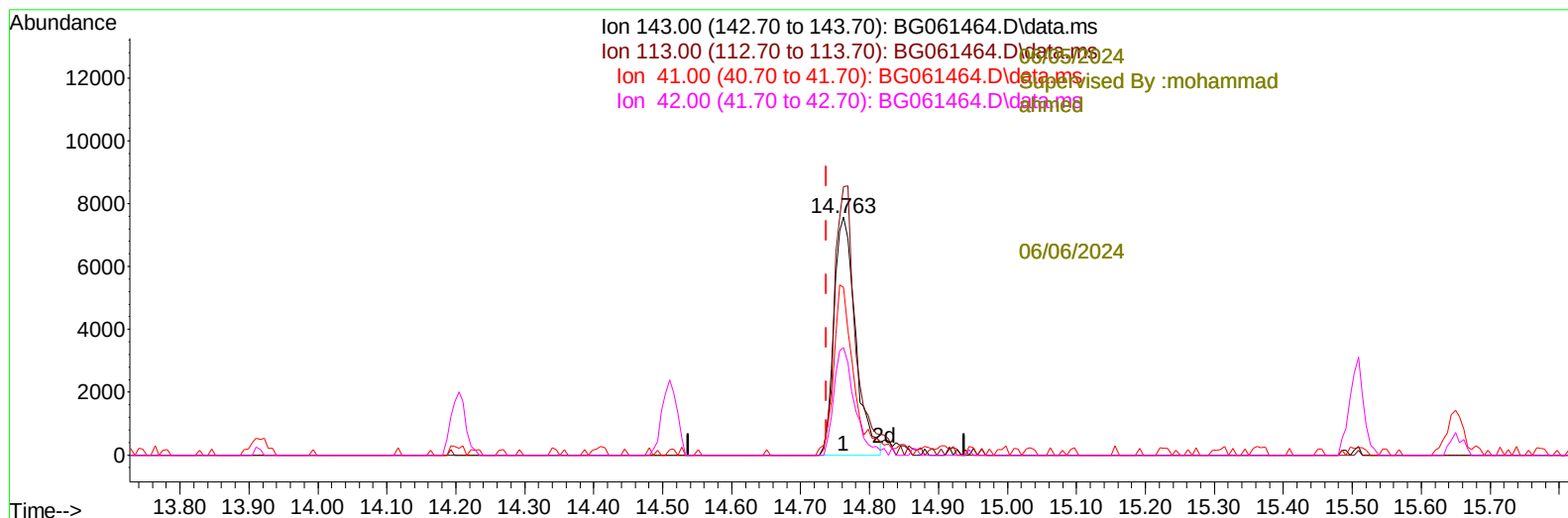
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061464.D
Acq On : 4 Jun 2024 21:02
Operator : MA/JU
Sample : P2590-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 04 22:38:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration



TIC: BG061464.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.763min (+ 0.025) 18.06 ng/ul

response 16299

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	112.87
41.00	77.10	70.51
42.00	49.50	45.08

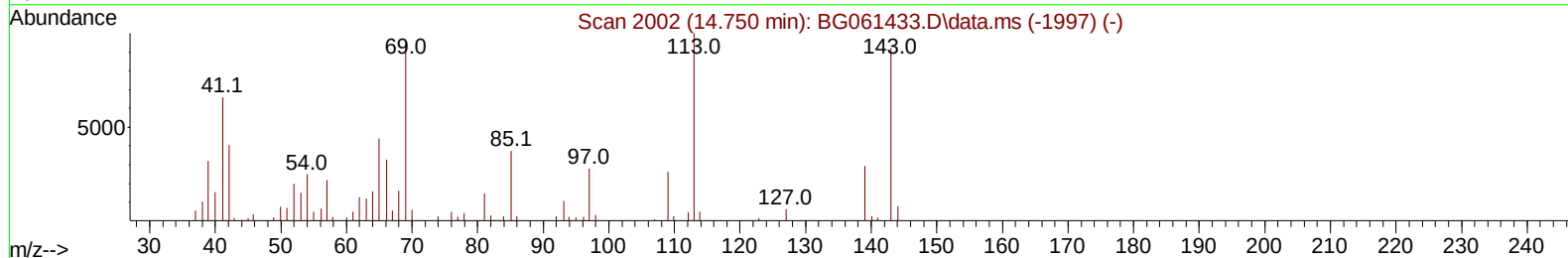
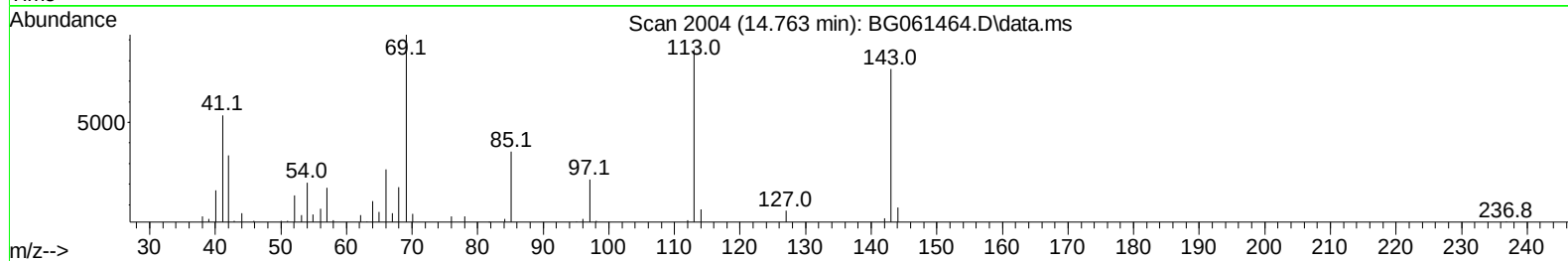
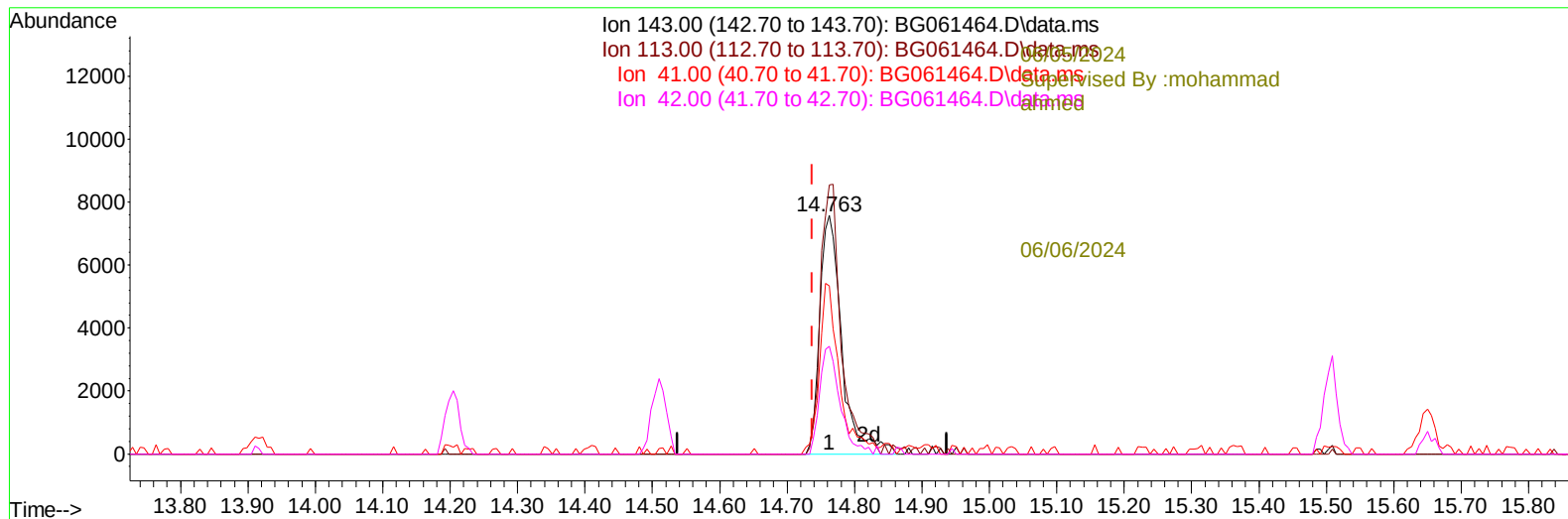
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061464.D
Acq On : 4 Jun 2024 21:02
Operator : MA/JU
Sample : P2590-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jun 04 22:38:37 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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Supervised By :mohammad ahmed 06/07/2024



TIC: BG061464.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.763min (+ 0.025) 18.98 ng/ul m

response 17137

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	112.87
41.00	77.10	70.51
42.00	49.50	45.08

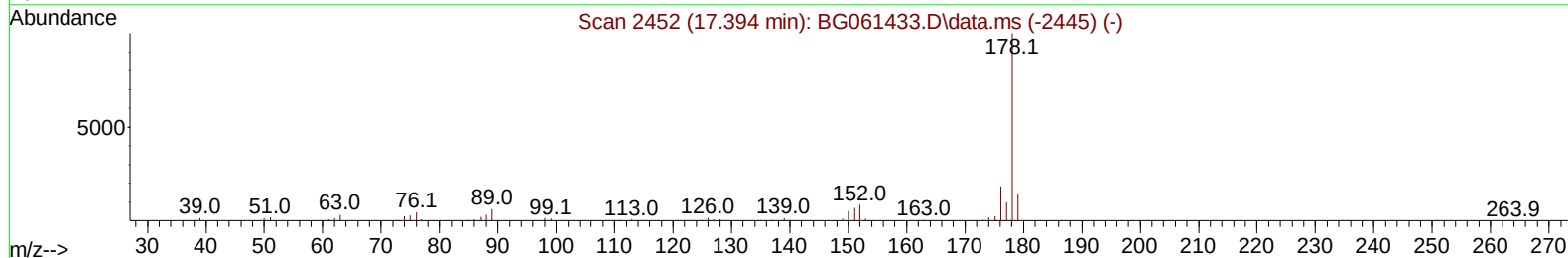
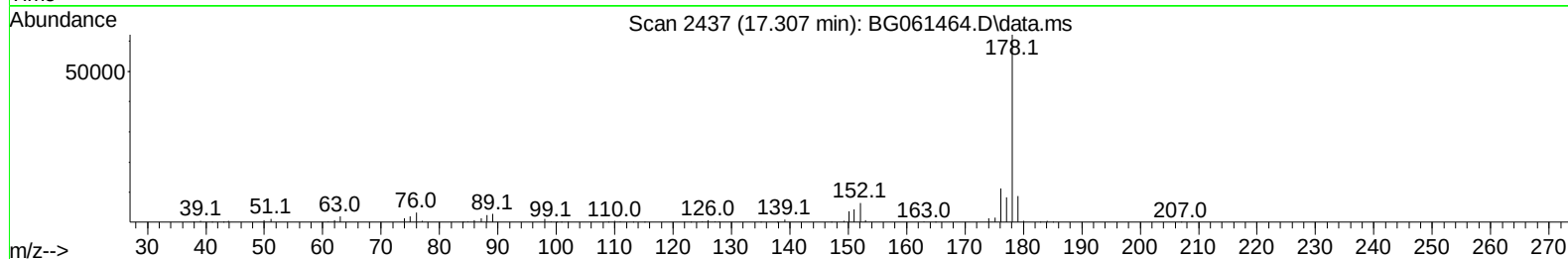
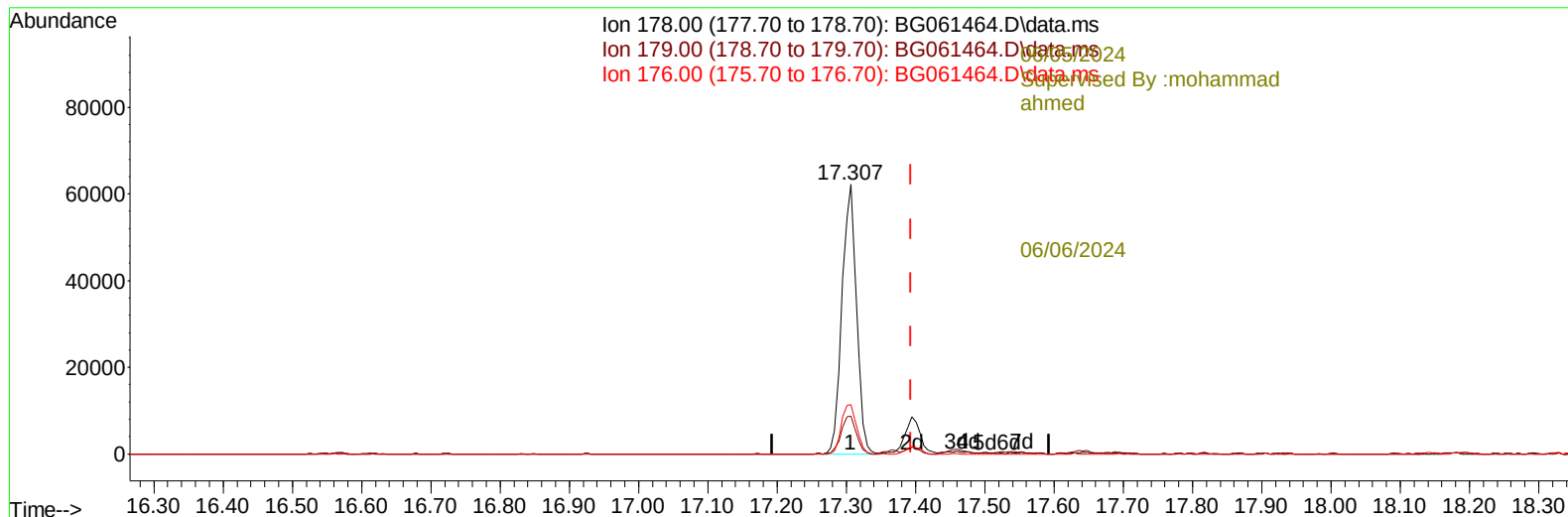
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061464.D
Acq On : 4 Jun 2024 21:02
Operator : MA/JU
Sample : P2590-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 22:45:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061464.D\data.ms

(74) Anthracene

17.307min (-0.087) 8.74 ng/u1

response 90974

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	14.09
176.00	18.60	18.32
0.00	0.00	0.00

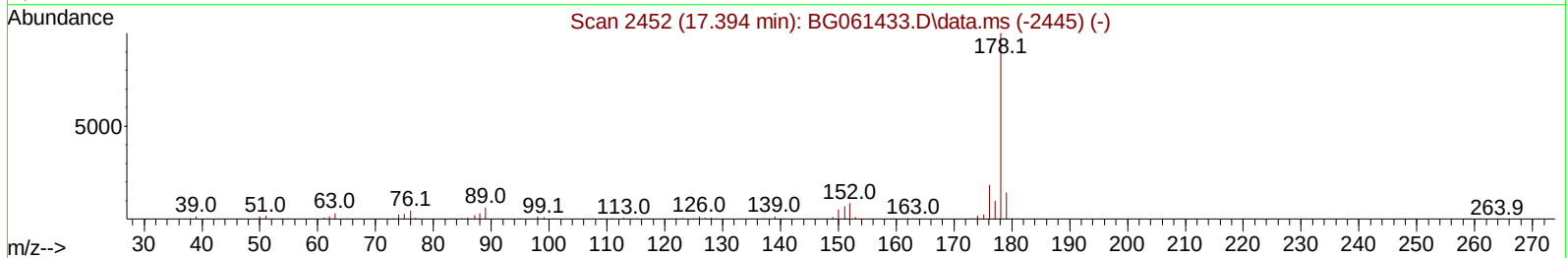
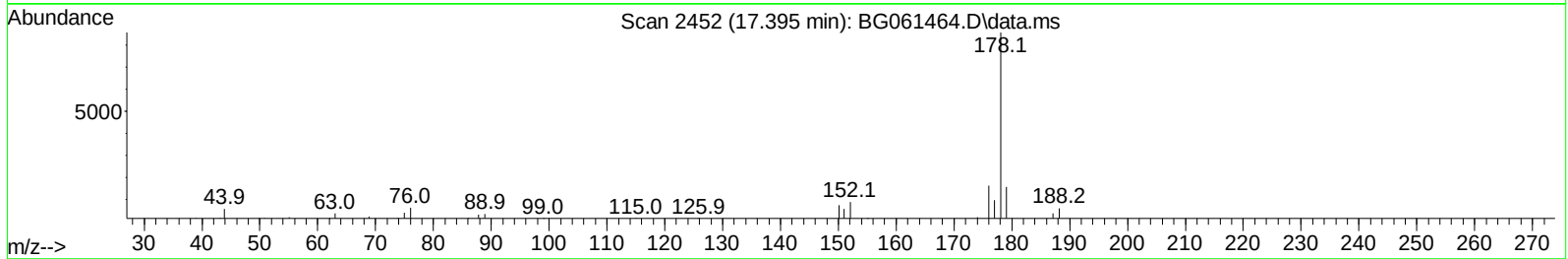
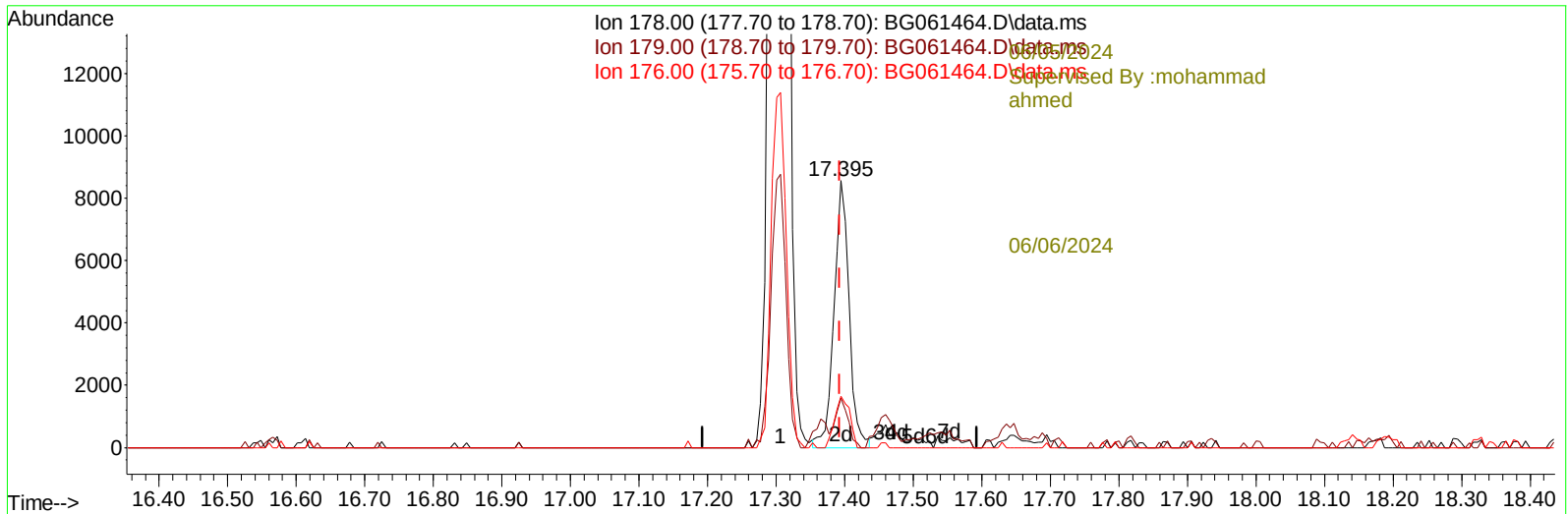
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061464.D
Acq On : 4 Jun 2024 21:02
Operator : MA/JU
Sample : P2590-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 04 22:45:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration



TIC: BG061464.D\data.ms

(74) Anthracene

17.395min (+ 0.001) 1.25 ng/u^l m

response 13056

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	18.46#
176.00	18.60	19.23
0.00	0.00	0.00

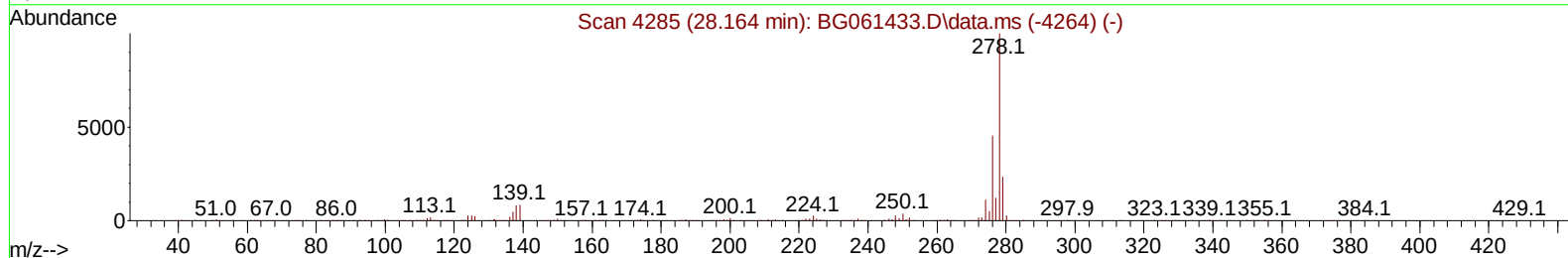
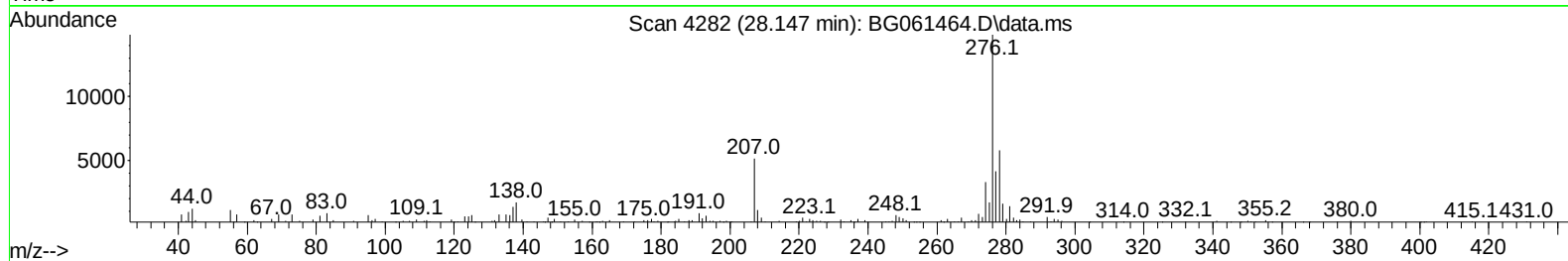
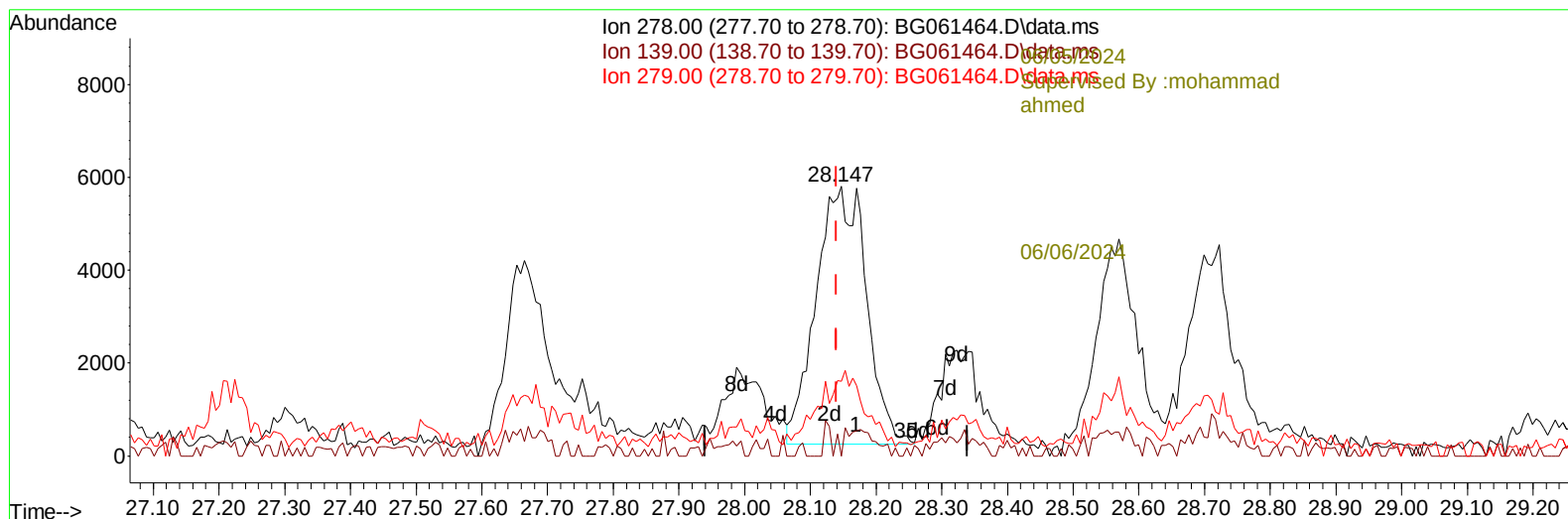
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061464.D
 Acq On : 4 Jun 2024 21:02
 Operator : MA/JU
 Sample : P2590-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBM4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 22:45:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061464.D\data.ms

(95) Dibenzo(a,h)anthracene

28.147min (+ 0.007) 2.16 ng/ul m

response 29408

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	0.00#
279.00	24.90	27.76
0.00	0.00	0.00

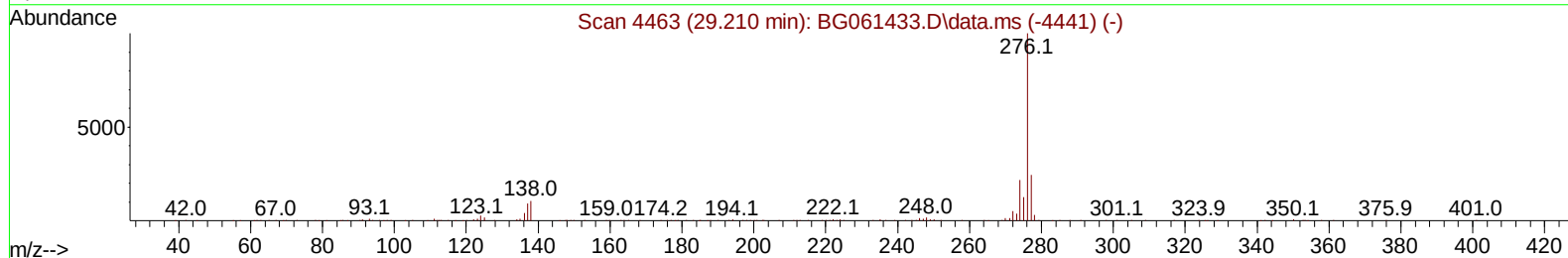
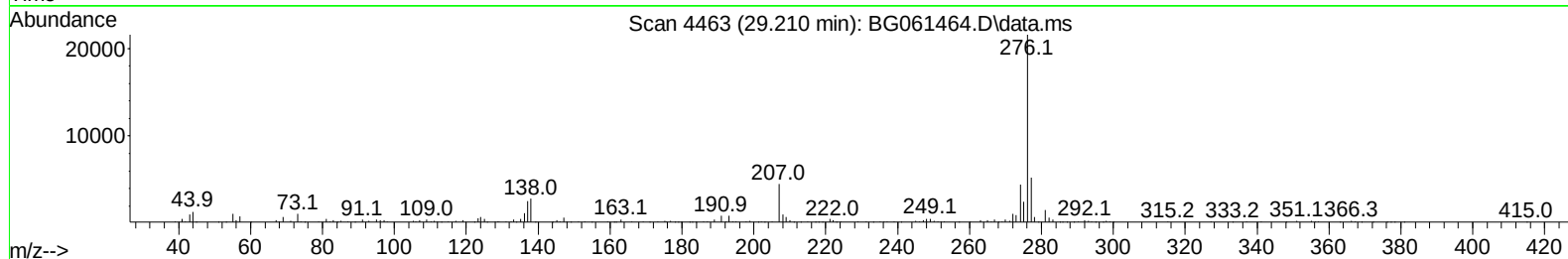
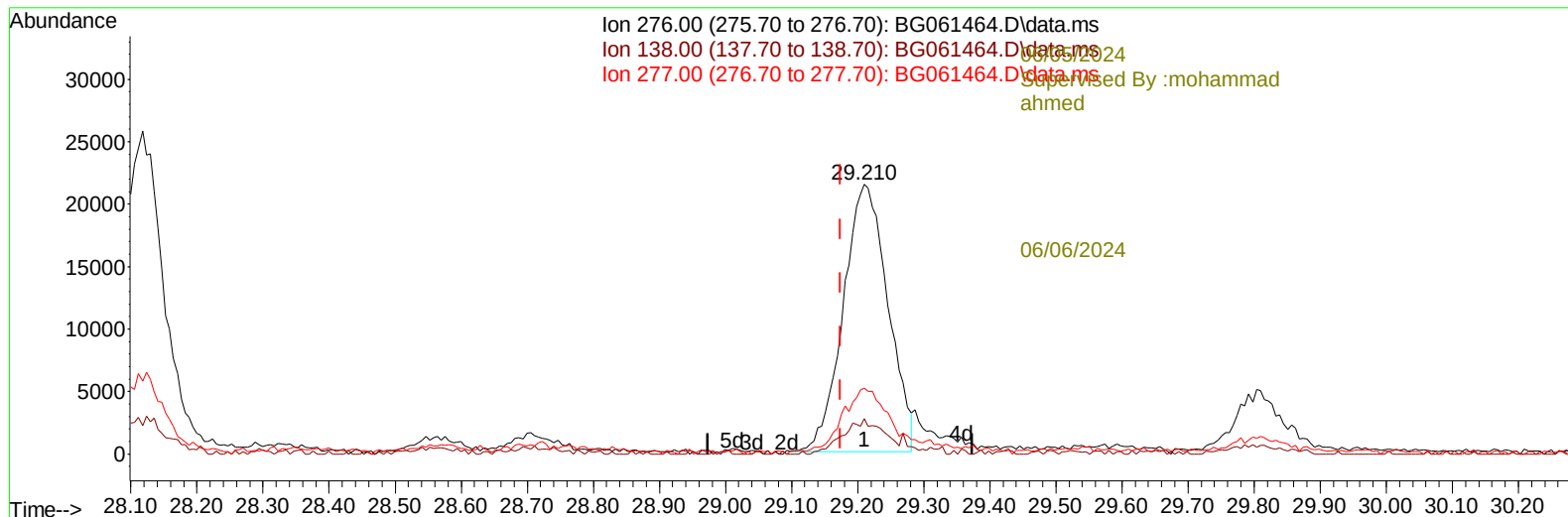
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061464.D
Acq On : 4 Jun 2024 21:02
Operator : MA/JU
Sample : P2590-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 22:47:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061464.D\data.ms

(96) Benzo(g,h,i)perylene

29.210min (+ 0.037) 7.64 ng/u1

response 100404

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	13.14#
277.00	22.70	24.44
0.00	0.00	0.00

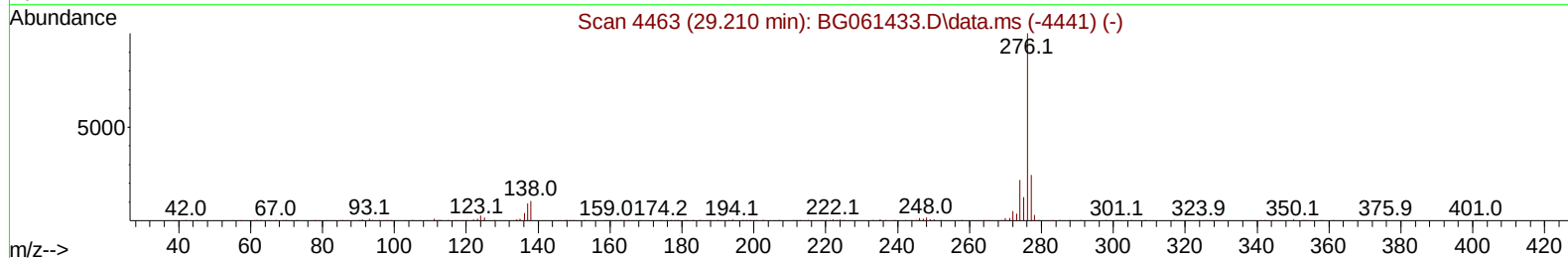
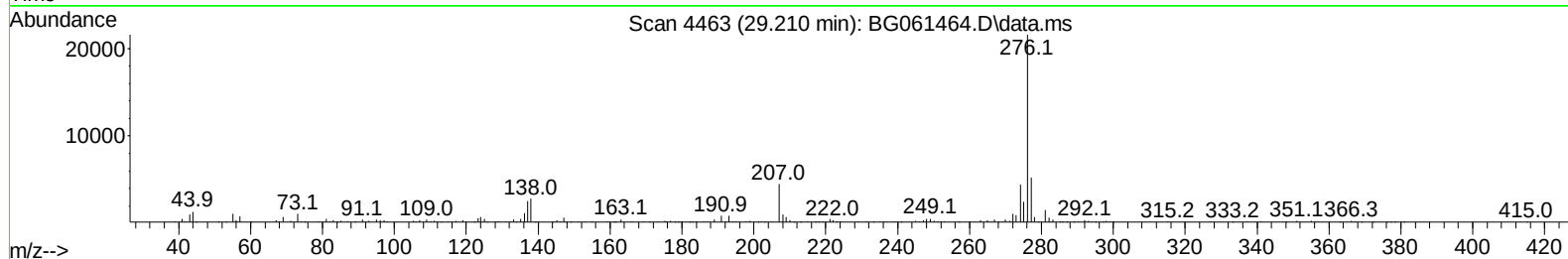
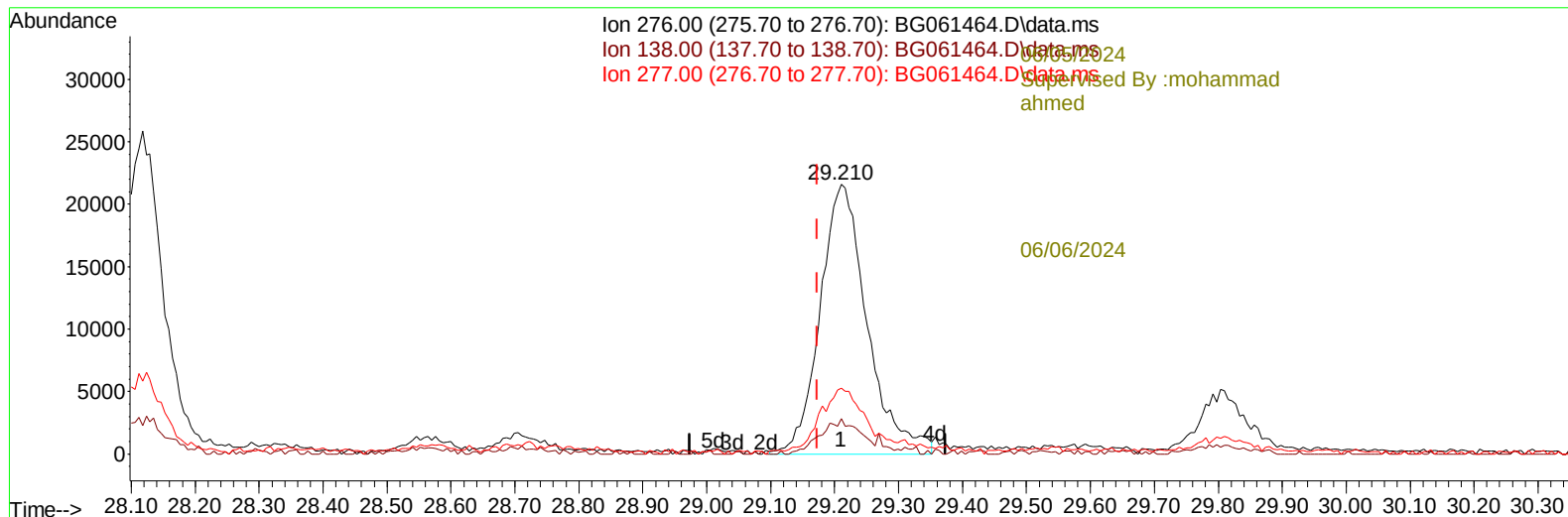
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061464.D
Acq On : 4 Jun 2024 21:02
Operator : MA/JU
Sample : P2590-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 22:47:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061464.D\data.ms

(96) Benzo(g,h,i)perylene

29.210min (+ 0.037) 8.36 ng/ul m

response 109951

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	13.14#
277.00	22.70	24.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061464.D
 Acq On : 4 Jun 2024 21:02
 Operator : MA/JU
 Sample : P2590-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBM4

Manual IntegrationsAPPROVED

Quant Time: Jun 04 22:47:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
-----							-06/05/2024
Internal Standards							Supervised By :mohammad
1) 1,4-Dichlorobenzene-d4	7.876	152		30269	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136		122575	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164		94144	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188		207530	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240		217475	20.000	ng/ul	0.00
88) Perylene-d12	24.610	264		241668	20.000	ng/ul	0.00
System Monitoring Compounds							06/06/2024
3) 1,4-Dioxane-d8	3.335	96		1853	3.426	ng/uL	0.00
4) Pyridine-d5	3.740	84		16306	8.474	ng/ul	0.00
7) Phenol-d5	7.066	99		51734	20.813	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.207	67		31830	20.373	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132		40554	22.045	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113		42794	20.190	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128		22076	23.392	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143		25650	23.223	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165		51490	23.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131		44577	15.824	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166		173554	23.769	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160		190079	25.040	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143		17137m	18.984	ng/ul	0.02
60) Fluorene-d10	15.509	176		139738	22.167	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200		20446	16.289	ng/ul	0.01
73) Anthracene-d10	17.359	188		221180	24.174	ng/ul	0.00
81) Pyrene-d10	19.657	212		274536	24.586	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264		298617	25.702	ng/ul	0.01
Target Compounds							Qvalue
72) Phenanthrene	17.307	178		90974	9.032	ng/ul	97
74) Anthracene	17.395	178		13056m	1.254	ng/ul	
80) Fluoranthene	19.322	202		257959	19.257	ng/ul	99
82) Pyrene	19.686	202		247673	17.812	ng/ul	99
83) Butylbenzylphthalate	20.567	149		6554	1.372	ng/ul#	95
85) Benzo(a)anthracene	21.502	228		146359	9.753	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.408	149		22753	3.218	ng/ul	98
87) Chrysene	21.560	228		157698	11.413	ng/ul	97
90) Benzo(b)fluoranthene	23.634	252		218328	15.173	ng/ul	97
91) Benzo(k)fluoranthene	23.687	252		71638	4.904	ng/ul	94
93) Benzo(a)pyrene	24.469	252		145199	10.627	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.117	276		109302	6.615	ng/ul	95
95) Dibenzo(a,h)anthracene	28.147	278		29408m	2.159	ng/ul	
96) Benzo(g,h,i)perylene	29.210	276		109951m	8.365	ng/ul	

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

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Manual IntegrationsAPPROVED

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