

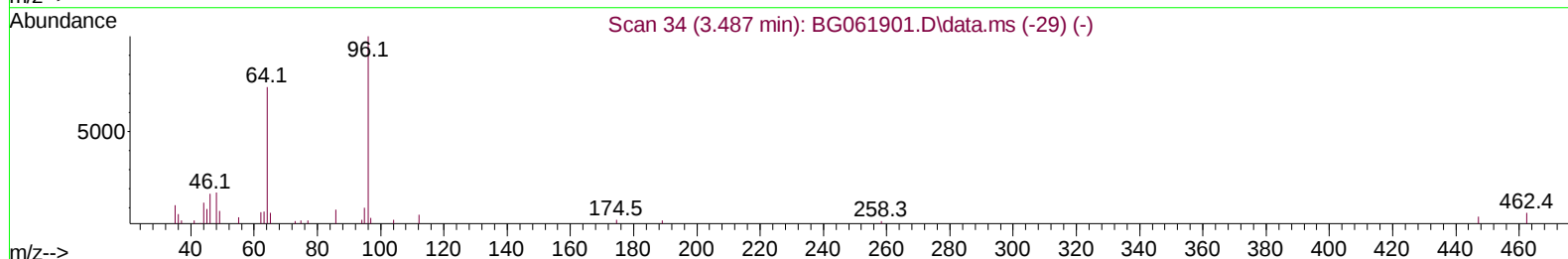
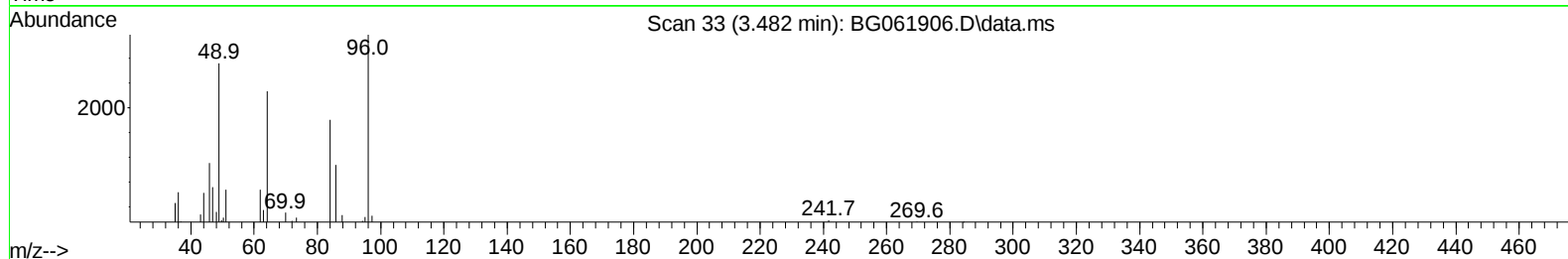
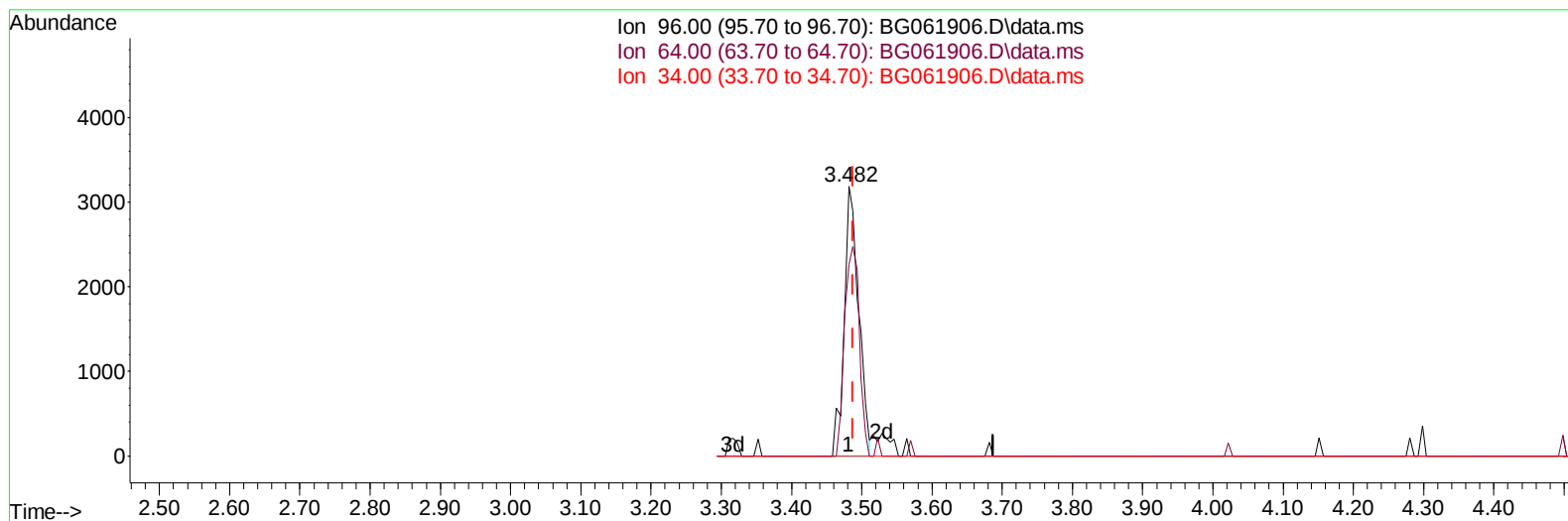
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061906.D
Acq On : 5 Jul 2024 21:50
Operator : MA/JU
Sample : P2982-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 05 22:43:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration



TIC: BG061906.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.482min (-0.006) 4.16 ng/uL

response 4541

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	71.18#
34.00	0.00	0.00
0.00	0.00	0.00

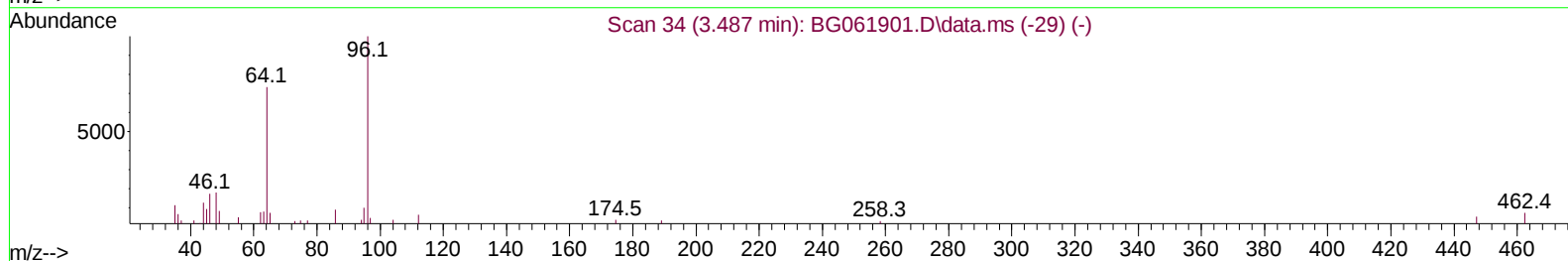
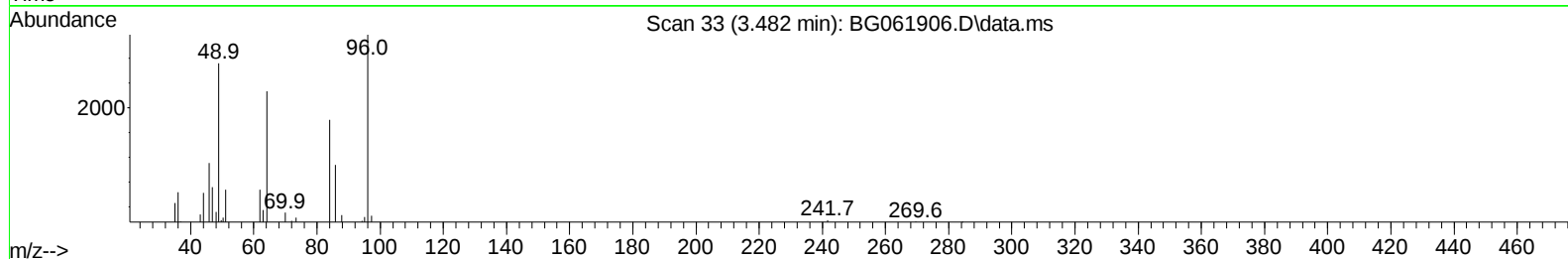
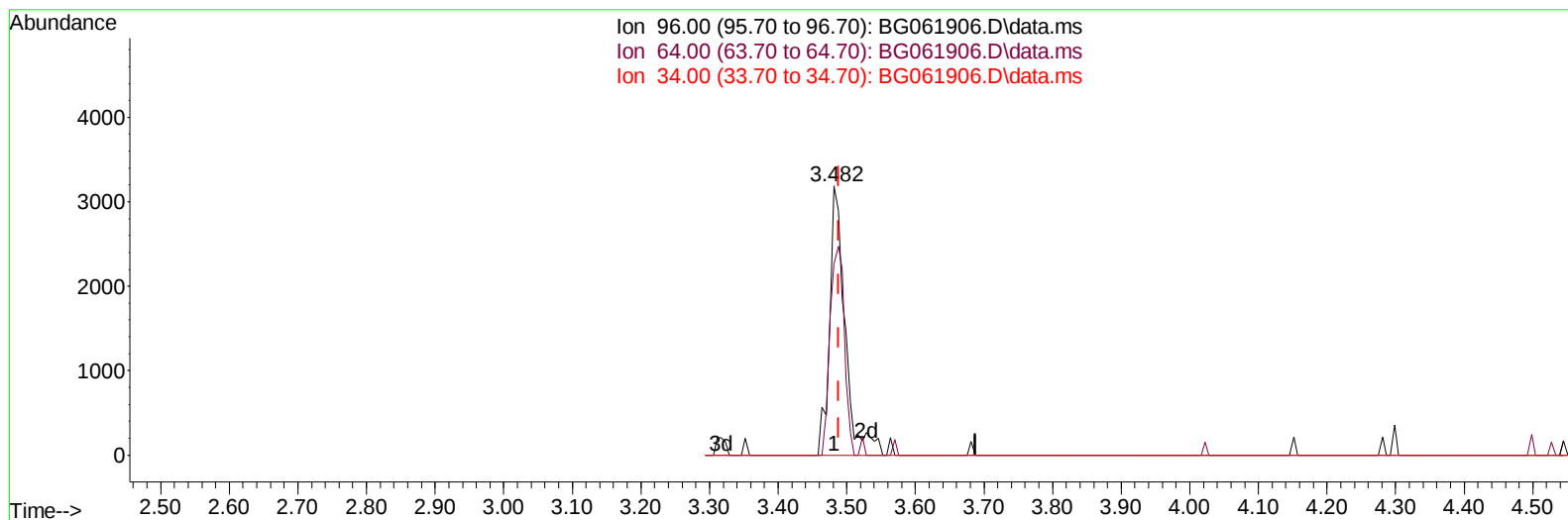
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061906.D
Acq On : 5 Jul 2024 21:50
Operator : MA/JU
Sample : P2982-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 05 22:43:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061906.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.482min (-0.006) 4.56 ng/uL m

response 4979

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	71.18#
34.00	0.00	0.00
0.00	0.00	0.00

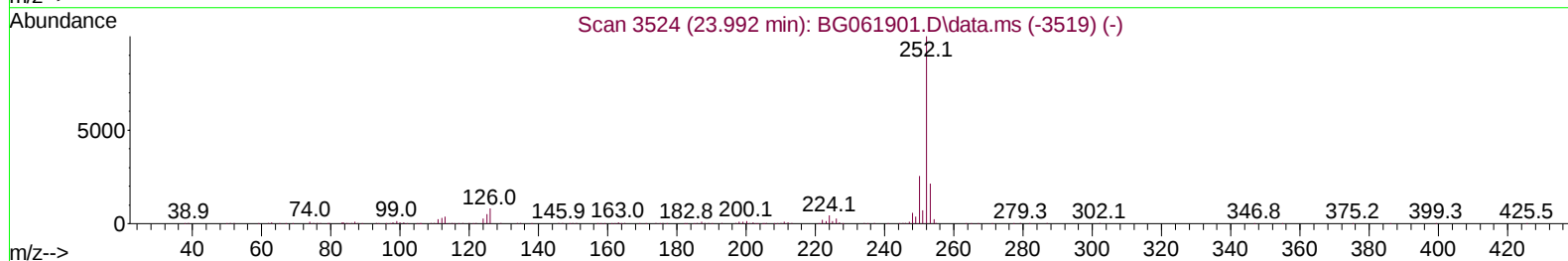
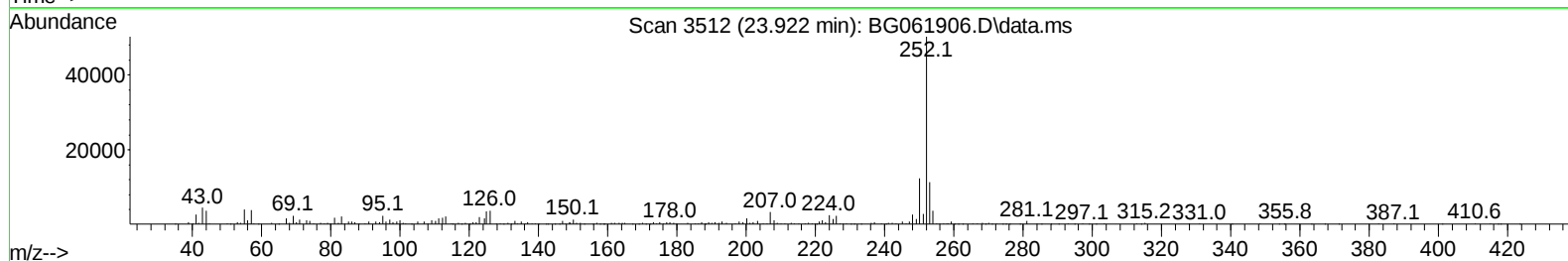
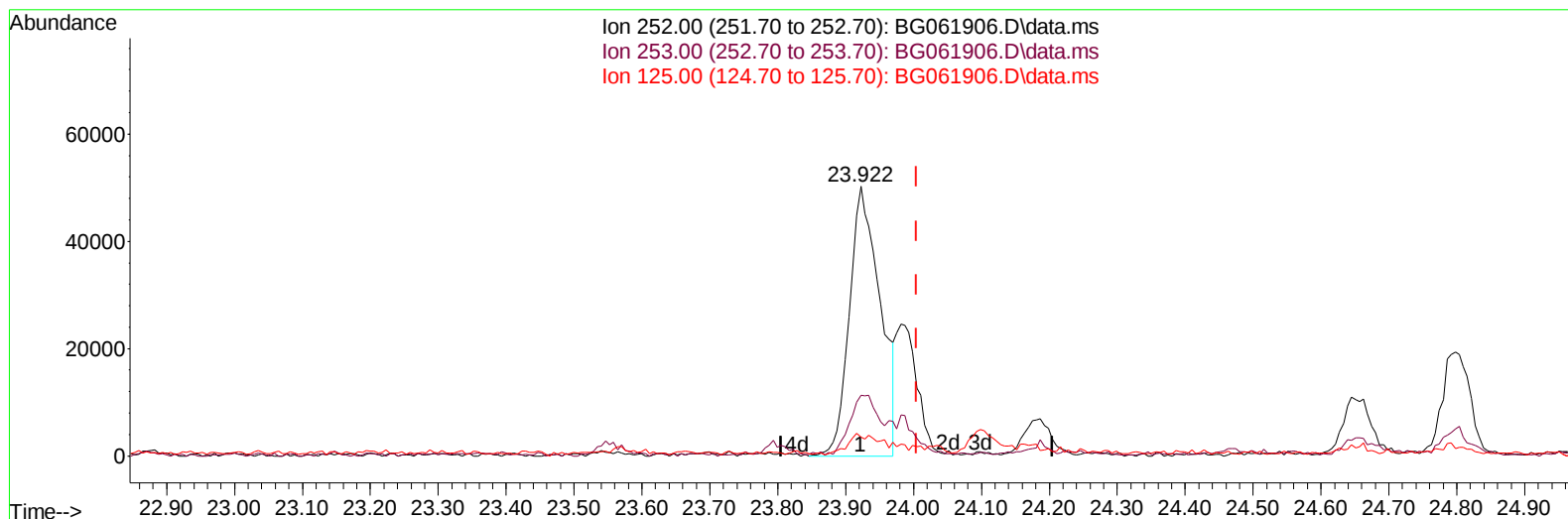
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061906.D
Acq On : 5 Jul 2024 21:50
Operator : MA/JU
Sample : P2982-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:57:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061906.D\data.ms

(91) Benzo(k)fluoranthene

23.922min (-0.082) 6.96 ng/u1

response 157556

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	22.50
125.00	7.90	7.08
0.00	0.00	0.00

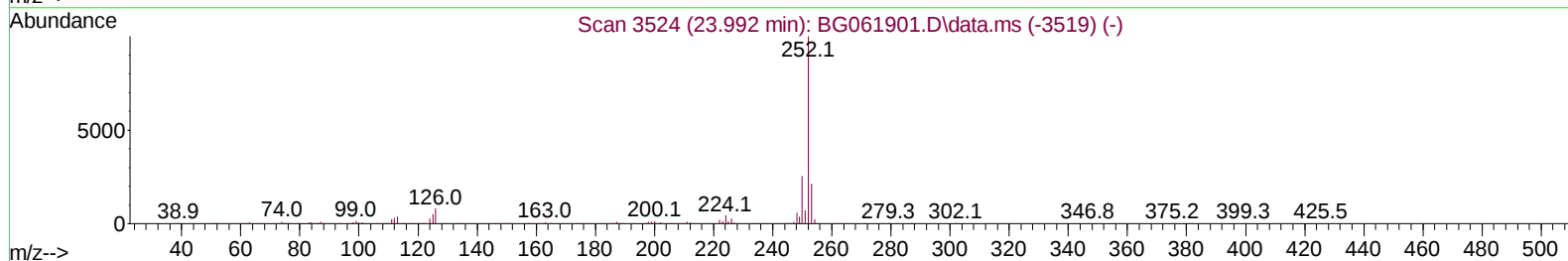
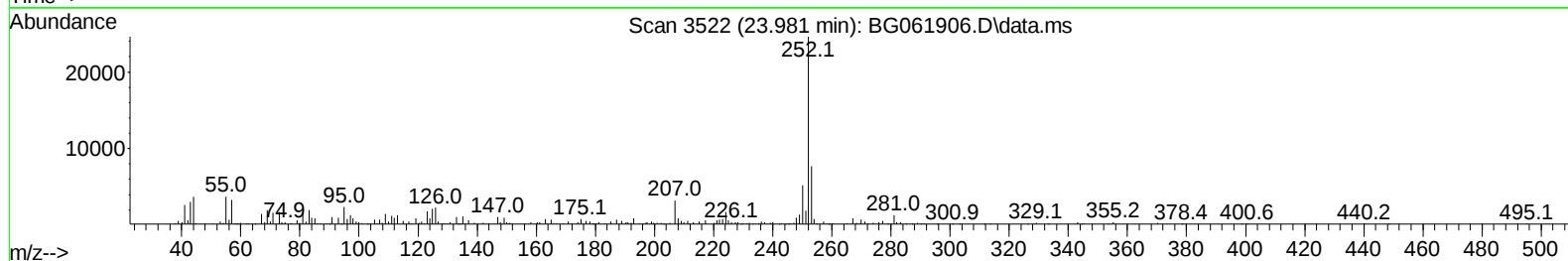
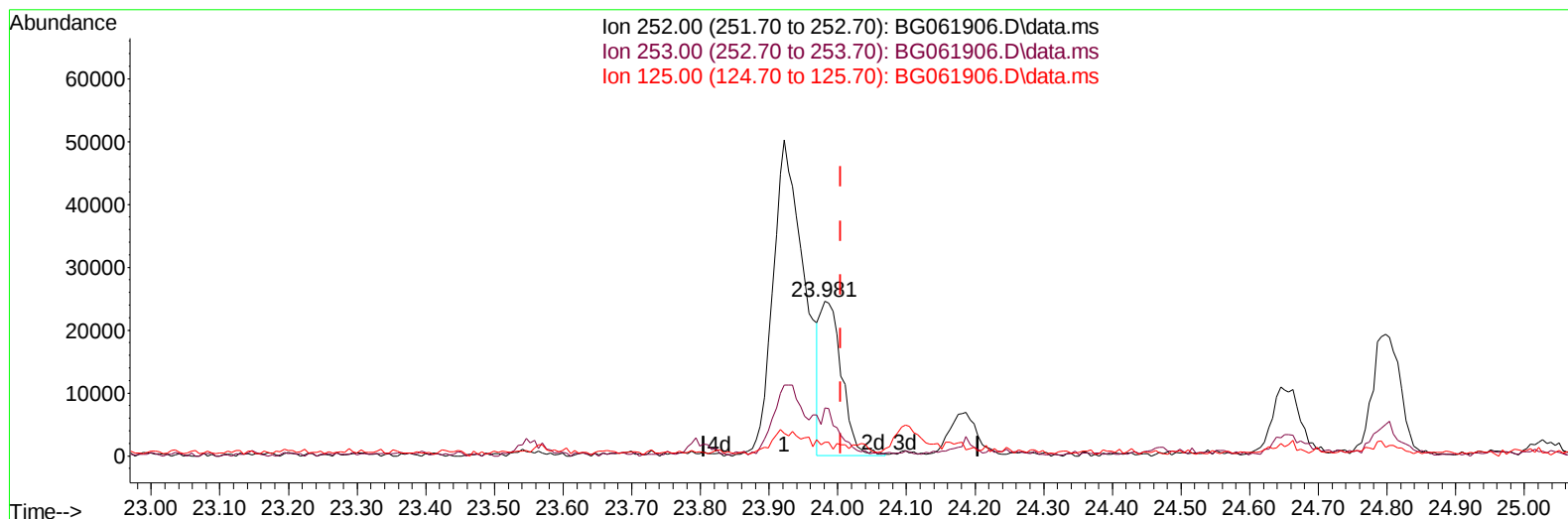
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061906.D
Acq On : 5 Jul 2024 21:50
Operator : MA/JU
Sample : P2982-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:57:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061906.D\data.ms

(91) Benzo(k)fluoranthene

23.981min (-0.024) 2.36 ng/u1 m

response 53353

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	31.20#
125.00	7.90	8.73
0.00	0.00	0.00

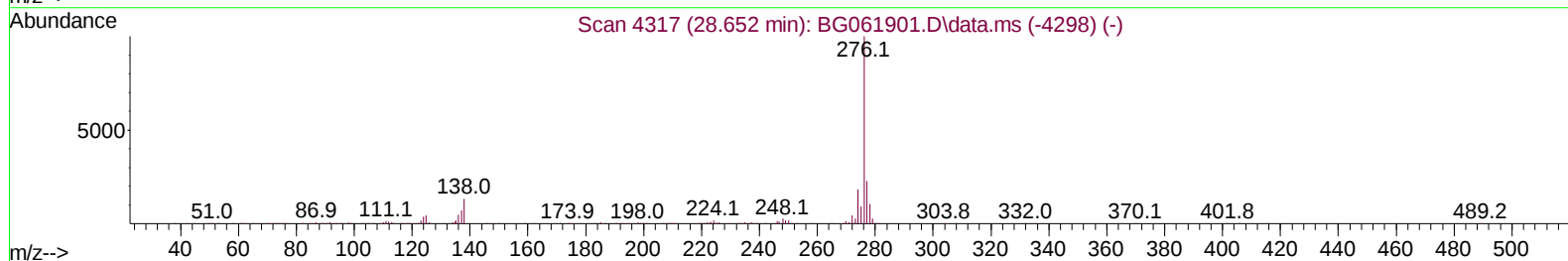
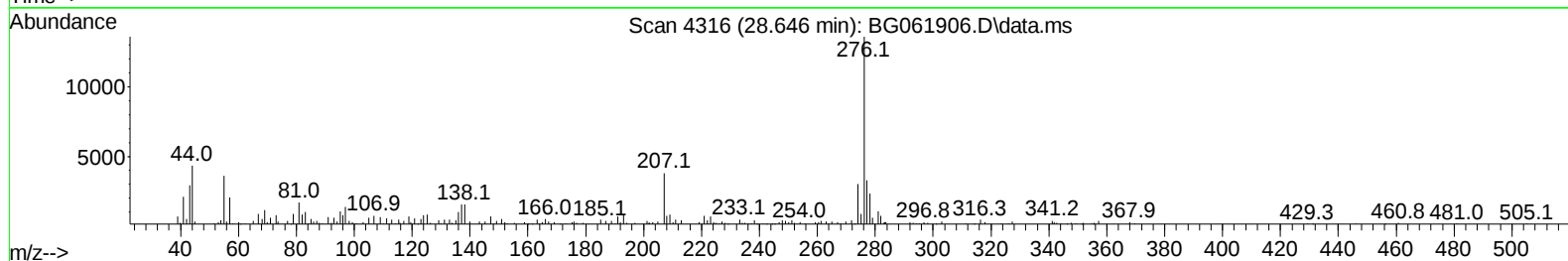
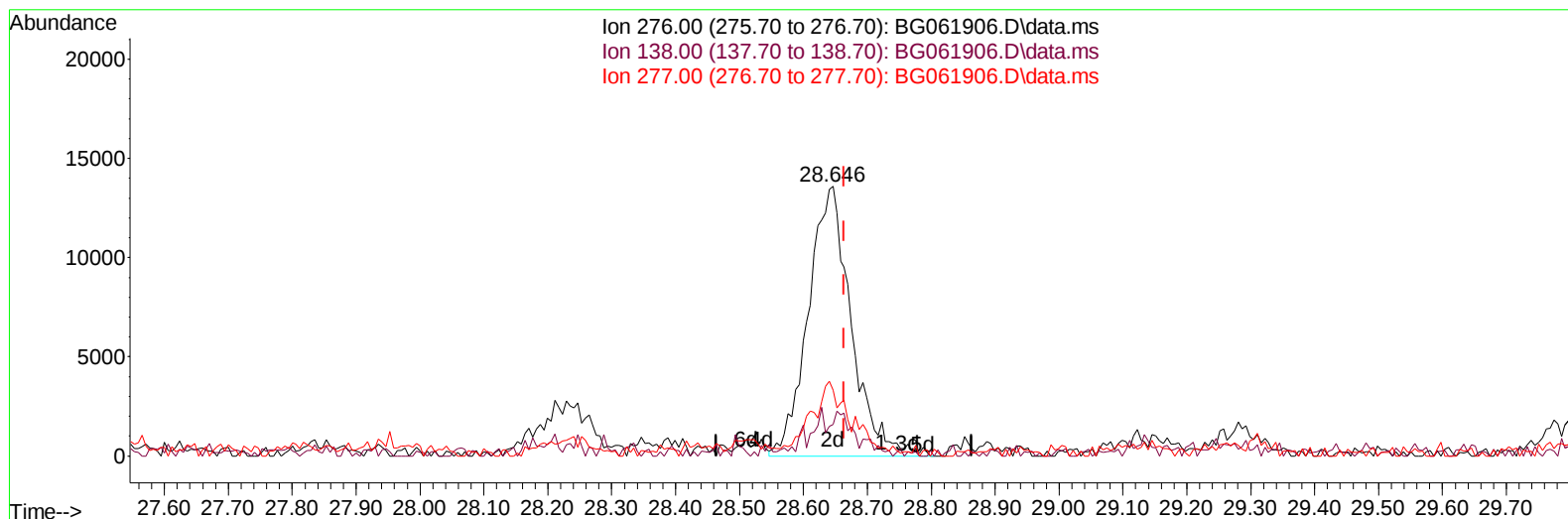
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061906.D
 Acq On : 5 Jul 2024 21:50
 Operator : MA/JU
 Sample : P2982-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BC4

Manual IntegrationsAPPROVED

Quant Time: Jul 06 00:01:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024



TIC: BG061906.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.646min (-0.018) 2.31 ng/ul m

response 63467

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	11.63#
277.00	24.10	24.36
0.00	0.00	0.00

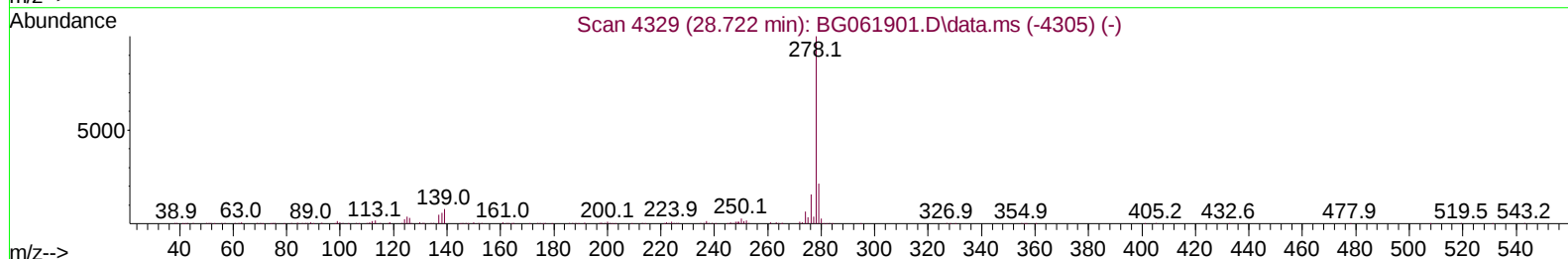
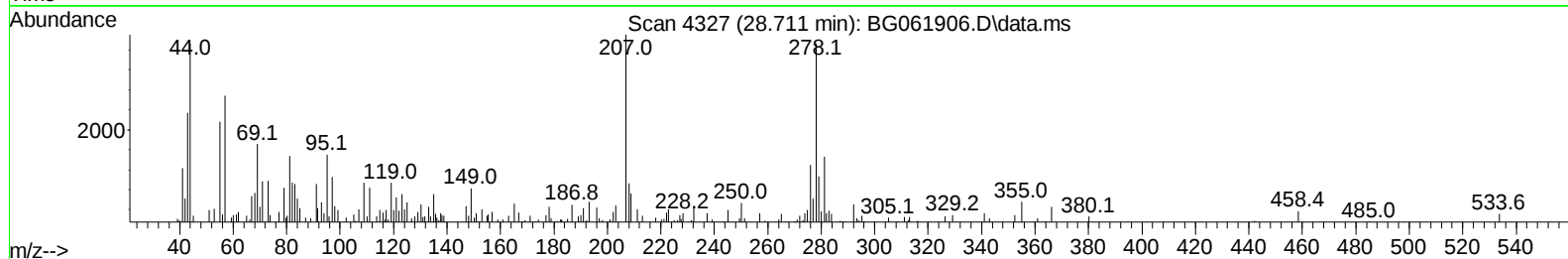
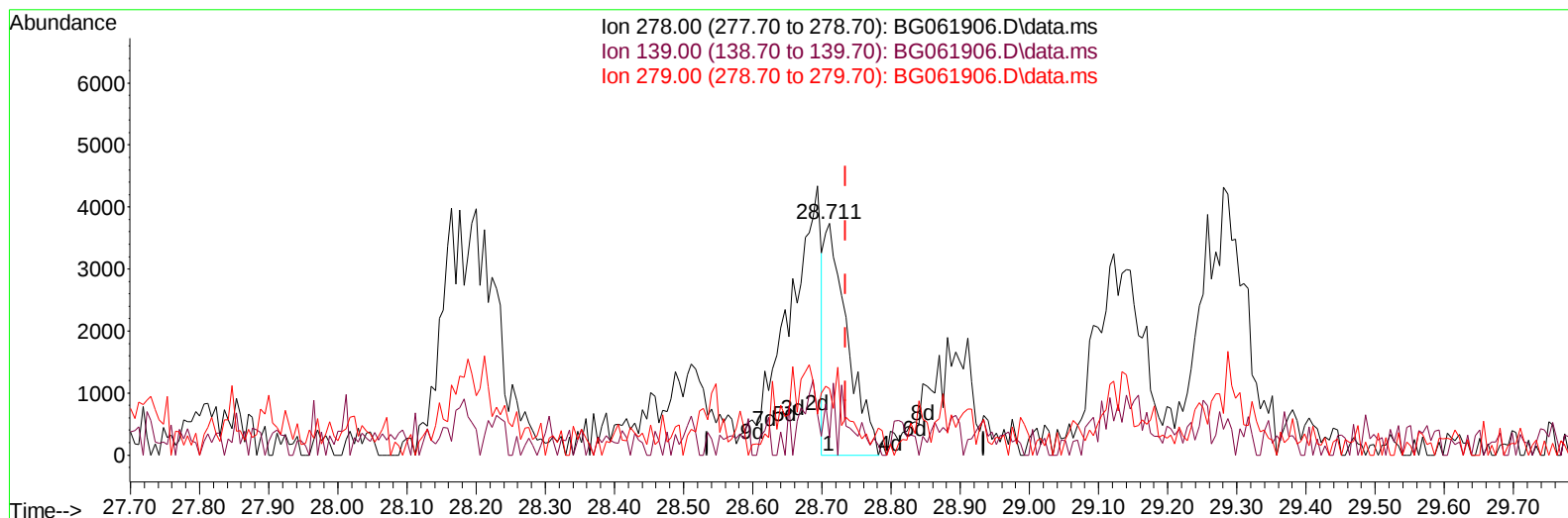
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061906.D
Acq On : 5 Jul 2024 21:50
Operator : MA/JU
Sample : P2982-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC4

Manual IntegrationsAPPROVED

Quant Time: Jul 06 00:03:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061906.D\data.ms

(95) Dibenzo(a,h)anthracene

28.711min (-0.024) 0.38 ng/u1

response 8688

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	7.47#
279.00	23.50	28.58#
0.00	0.00	0.00

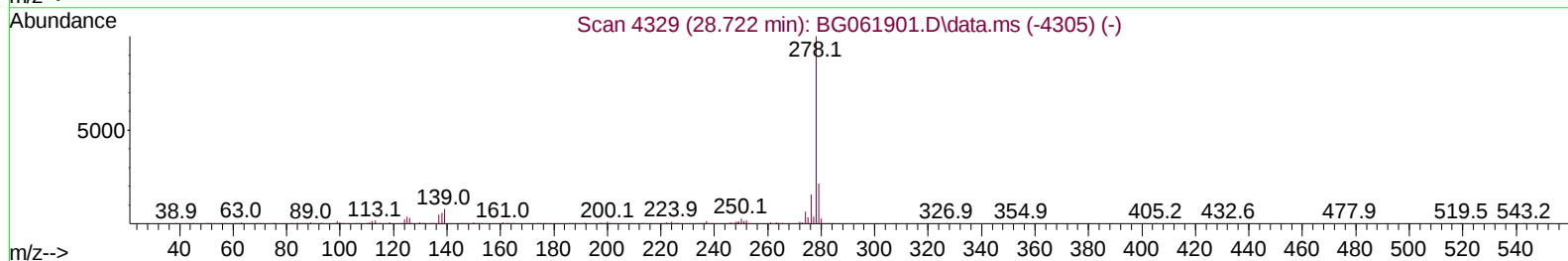
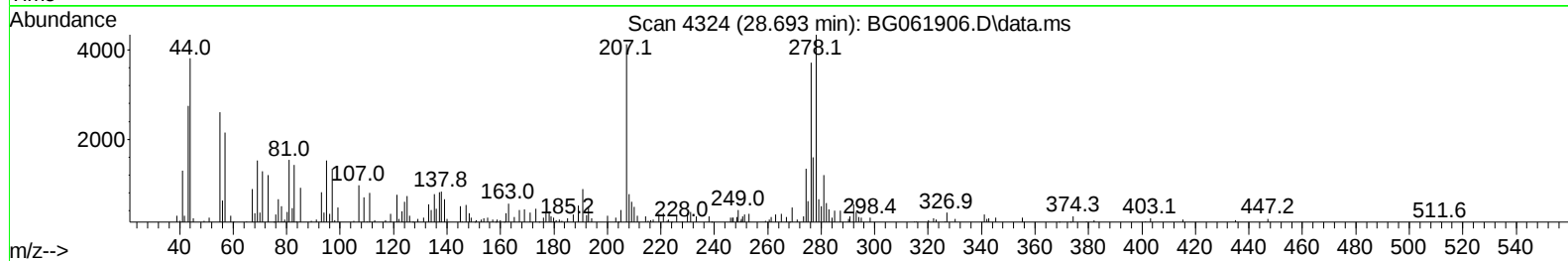
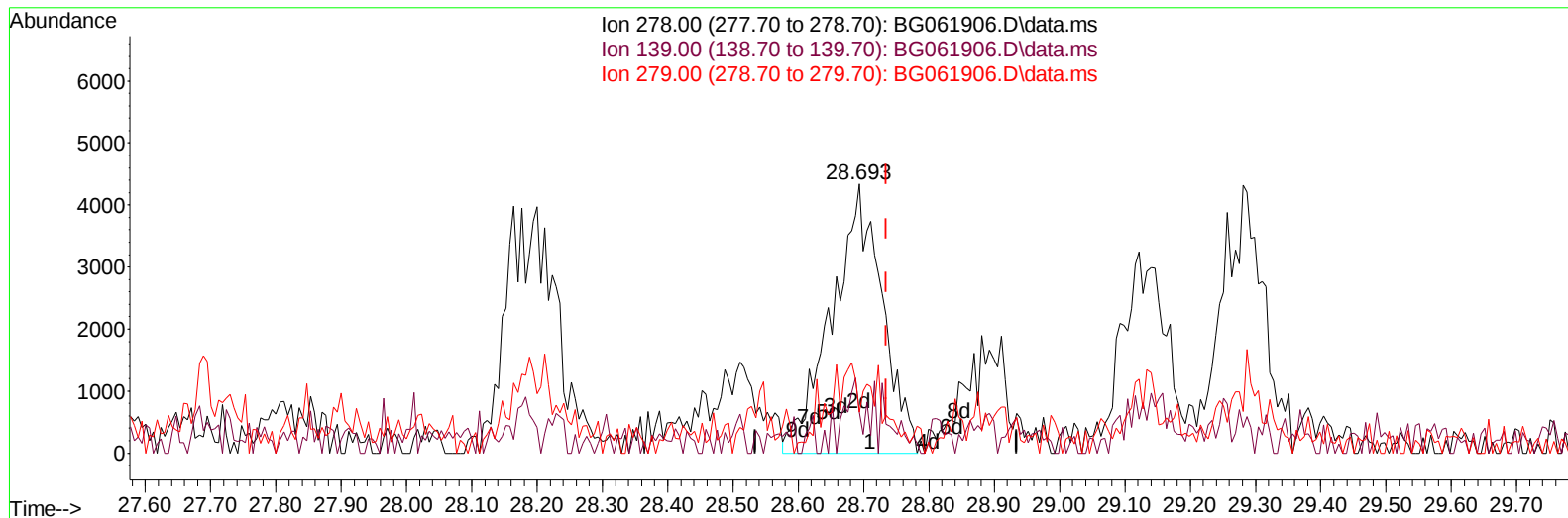
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061906.D
Acq On : 5 Jul 2024 21:50
Operator : MA/JU
Sample : P2982-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BC4

Manual IntegrationsAPPROVED

Quant Time: Jul 06 00:03:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061906.D\data.ms

(95) Dibenzo(a,h)anthracene

28.693min (-0.041) 1.02 ng/ul m

response 23175

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	15.26#
279.00	23.50	15.13#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061906.D
 Acq On : 5 Jul 2024 21:50
 Operator : MA/JU
 Sample : P2982-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BC4

Manual IntegrationsAPPROVED

Quant Time: Jul 06 00:06:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	41002	20.000	ng/ul	0.00
20) Naphthalene-d8	10.908	136	206241	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.715	164	146123	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.453	188	336626	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.713	240	296949	20.000	ng/ul	-0.01
88) Perylene-d12	24.956	264	360509	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	4979m	4.563	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.248	99	134186	29.905	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.412	67	81590	28.713	ng/ul	0.00
11) 2-Chlorophenol-d4	7.624	132	96170	31.245	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	106199	30.060	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	50834	32.409	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	59301	33.106	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.520	165	116313	33.665	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.037	131	49027	9.774	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	379309	31.574	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	425393	33.864	ng/ul	0.00
54) 4-Nitrophenol-d4	14.903	143	56974	29.698	ng/ul	-0.01
60) Fluorene-d10	15.703	176	335551	33.179	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	60228	34.067	ng/ul	-0.01
73) Anthracene-d10	17.553	188	510918	32.508	ng/ul	0.00
81) Pyrene-d10	19.833	212	497255	28.470	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.727	264	387400	21.667	ng/ul	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.500	178	89729	5.055	ng/ul	98
80) Fluoranthene	19.498	202	195764	9.471	ng/ul	97
82) Pyrene	19.862	202	147638	6.915	ng/ul	98
85) Benzo(a)anthracene	21.696	228	96189	4.474	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.596	149	27462	2.136	ng/ul#	93
87) Chrysene	21.760	228	113556	5.642	ng/ul	94
90) Benzo(b)fluoranthene	23.922	252	157556	6.937	ng/ul	98
91) Benzo(k)fluoranthene	23.981	252	53353m	2.356	ng/ul	
93) Benzo(a)pyrene	24.798	252	54293	2.524	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.646	276	63467m	2.309	ng/ul	
95) Dibenzo(a,h)anthracene	28.693	278	23175m	1.021	ng/ul	

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

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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 06 00:06:02 2024
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Reviewed By :Yogesh Patel 07/08/2024
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