

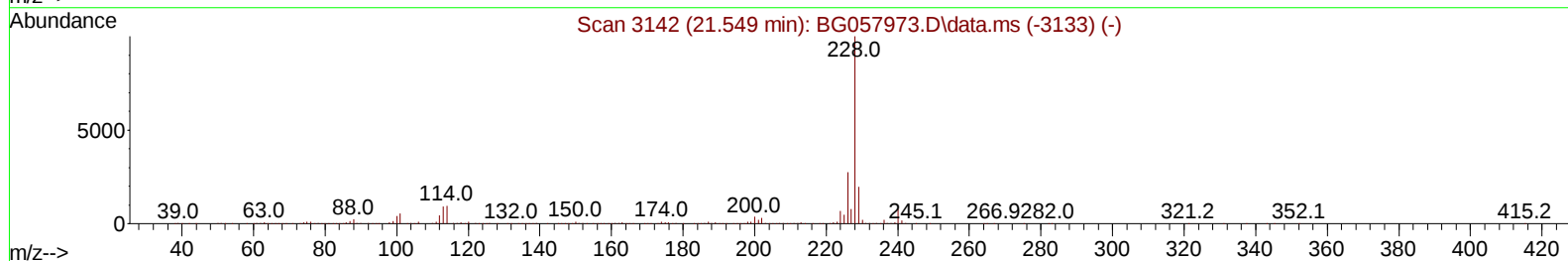
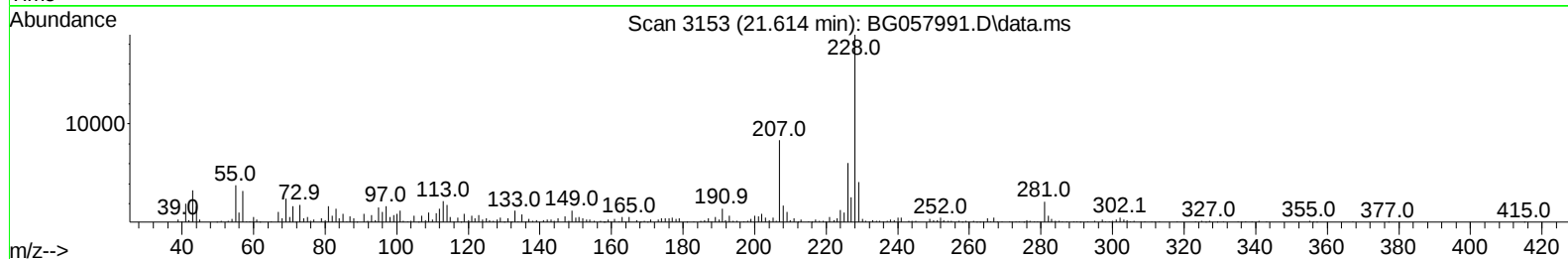
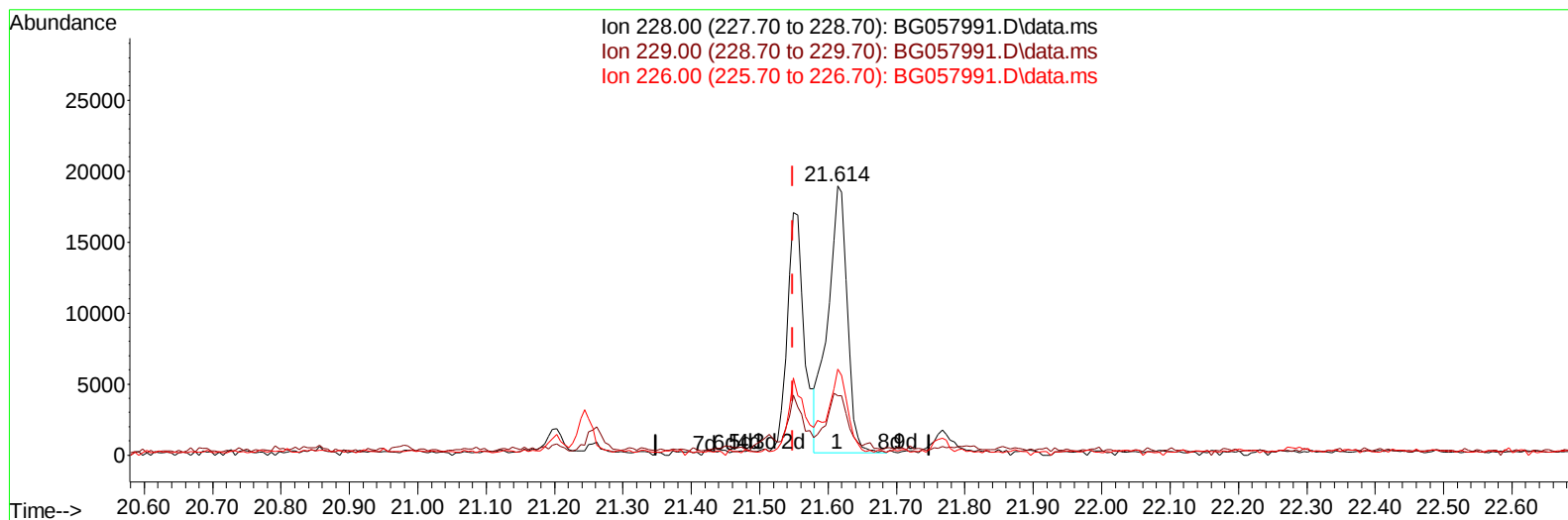
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057991.D
Acq On : 4 Jul 2023 17:34
Operator : CG/JU
Sample : 03248-05
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN3

Manual IntegrationsAPPROVED

Quant Time: Jul 05 01:19:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



TIC: BG057991.D\data.ms

(85) Benzo(a)anthracene

21.614min (+ 0.066) 1.82 ng/u1

response 37565

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.00	22.01
226.00	27.50	32.03
0.00	0.00	0.00

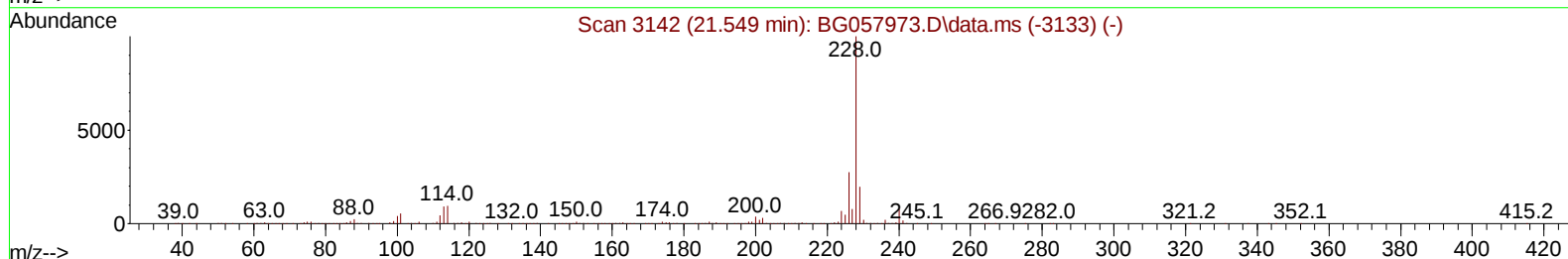
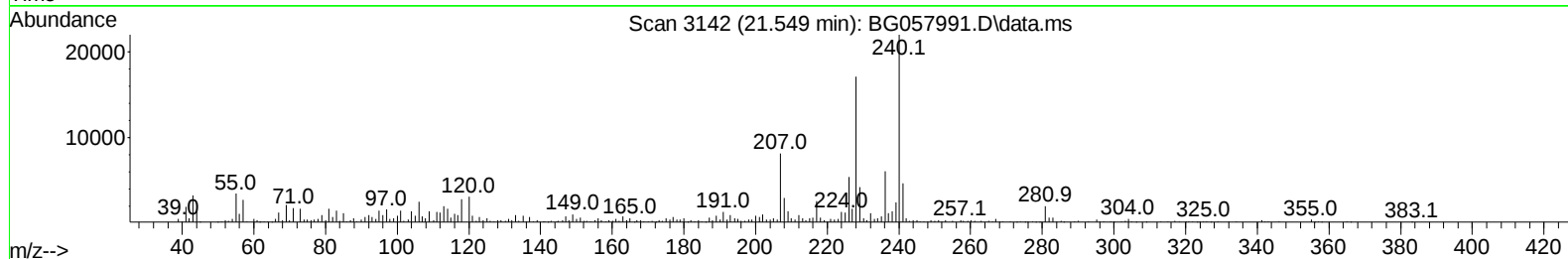
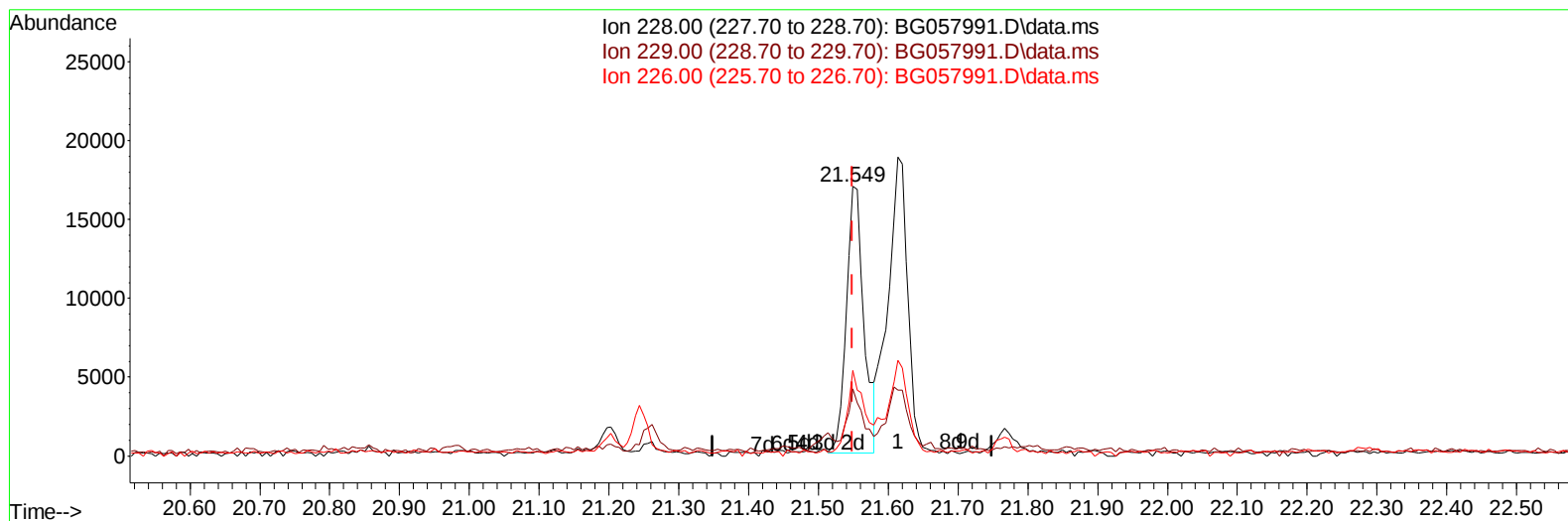
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057991.D
 Acq On : 4 Jul 2023 17:34
 Operator : CG/JU
 Sample : 03248-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 05 01:19:43 2023
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Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG057991.D\data.ms

(85) Benzo(a)anthracene

21.549min (+ 0.001) 1.42 ng/ul m

response 29338

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.00	24.82#
226.00	27.50	31.82
0.00	0.00	0.00

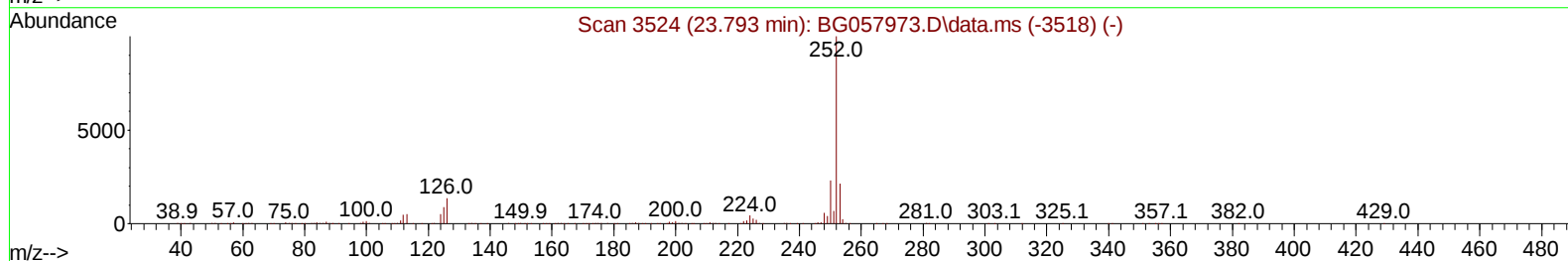
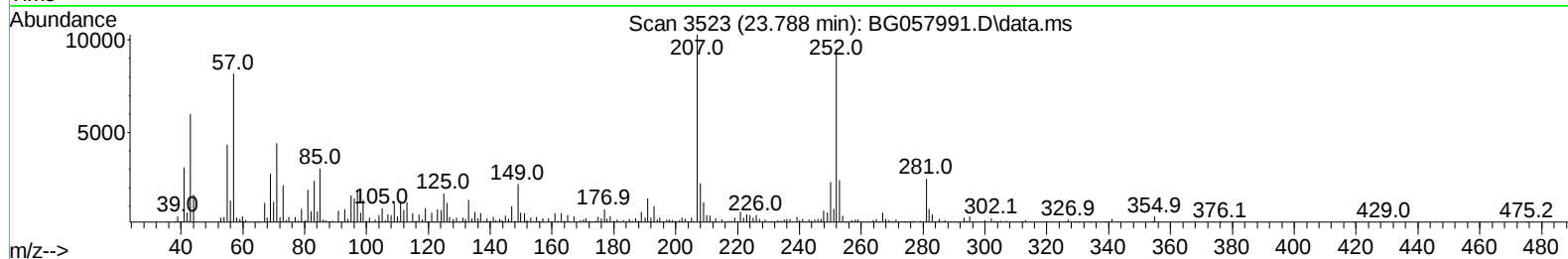
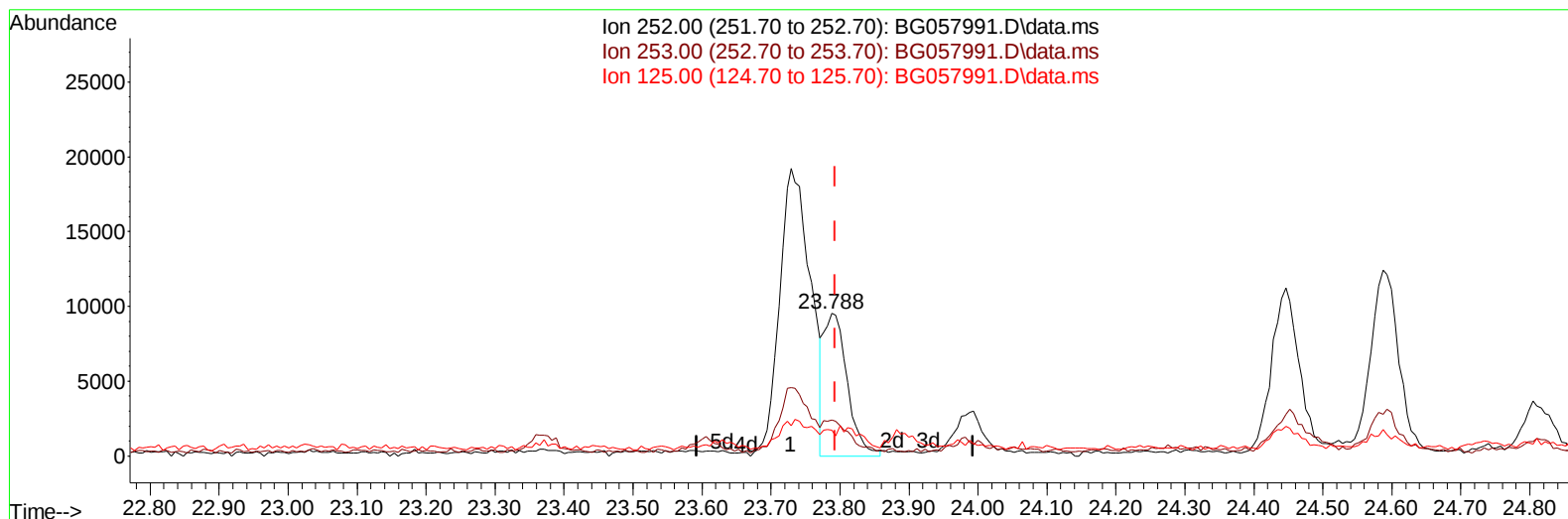
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057991.D
 Acq On : 4 Jul 2023 17:34
 Operator : CG/JU
 Sample : 03248-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN3

Manual IntegrationsAPPROVED

Quant Time: Jul 05 01:20:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG057991.D\data.ms

(91) Benzo(k)fluoranthene

23.788min (-0.005) 1.06 ng/u1 m

response 22583

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	25.24
125.00	9.30	17.96#
0.00	0.00	0.00

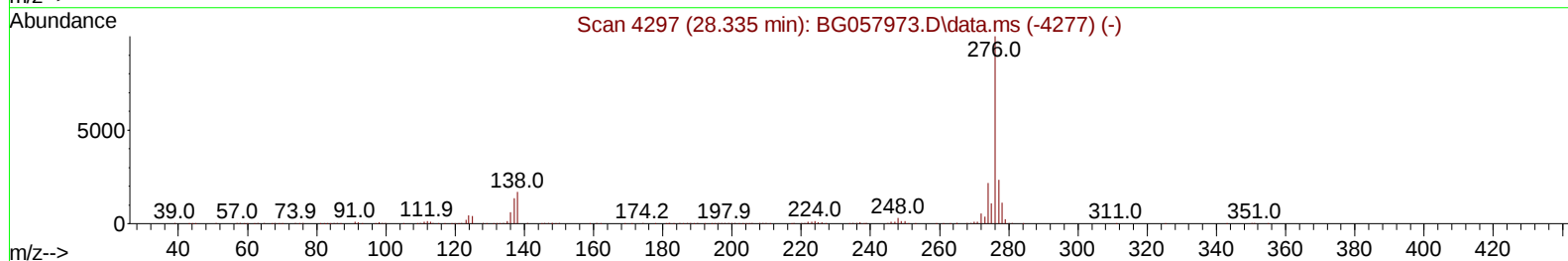
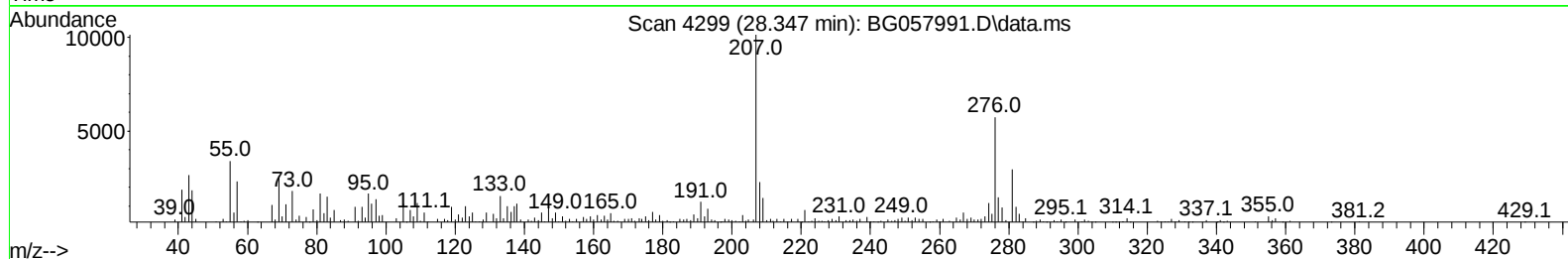
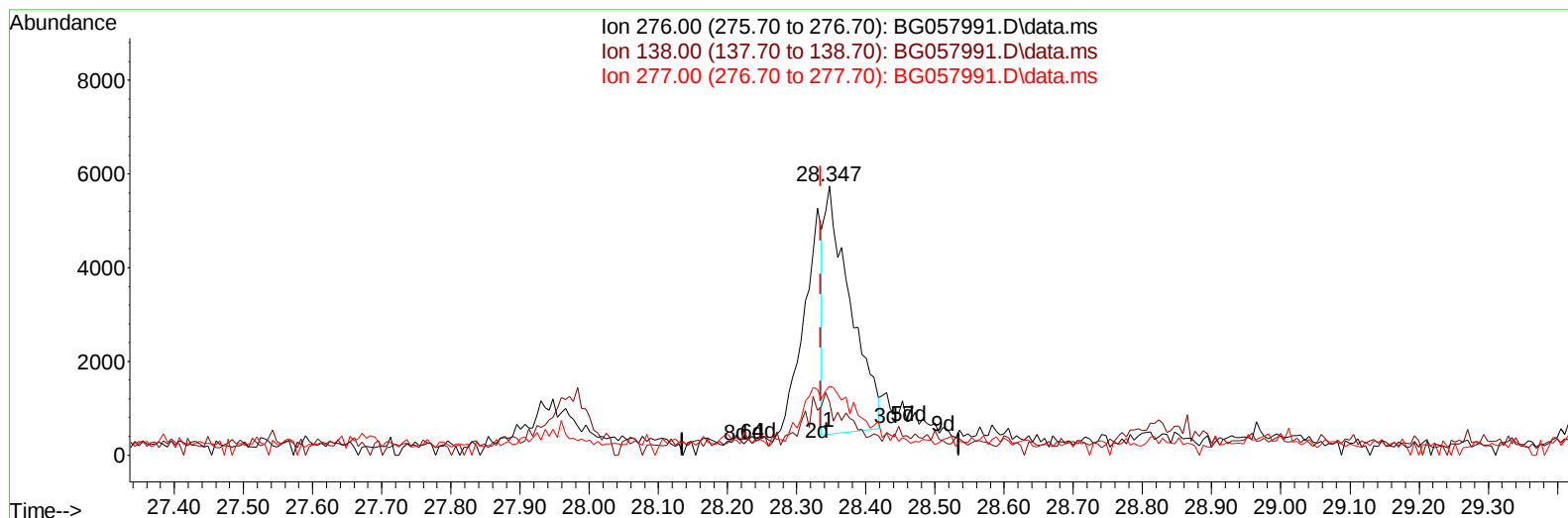
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057991.D
Acq On : 4 Jul 2023 17:34
Operator : CG/JU
Sample : 03248-05
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 05 01:20:43 2023
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TIC: BG057991.D\data.ms

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

28.347min (+ 0.013) 0.54 ng/u1

response 13688

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.50	19.76
277.00	24.30	25.54
0.00	0.00	0.00

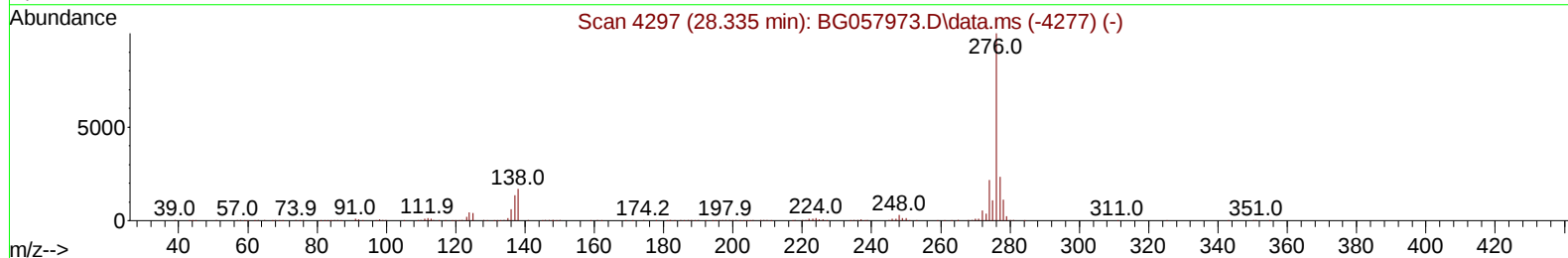
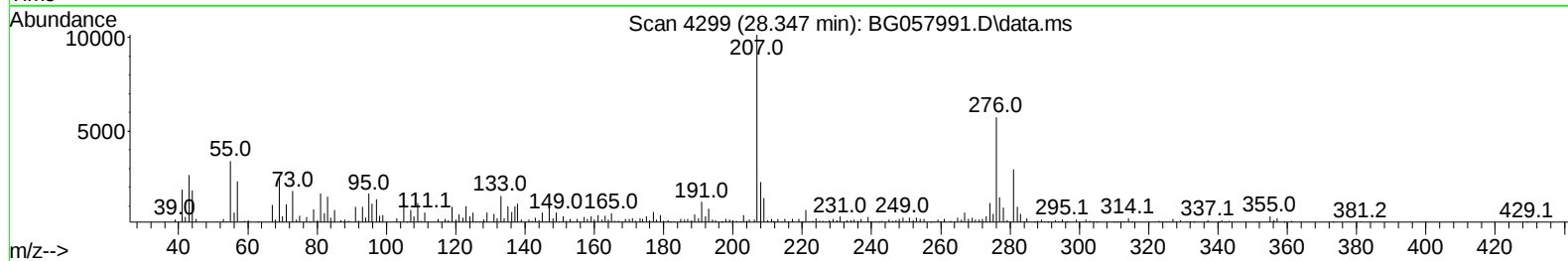
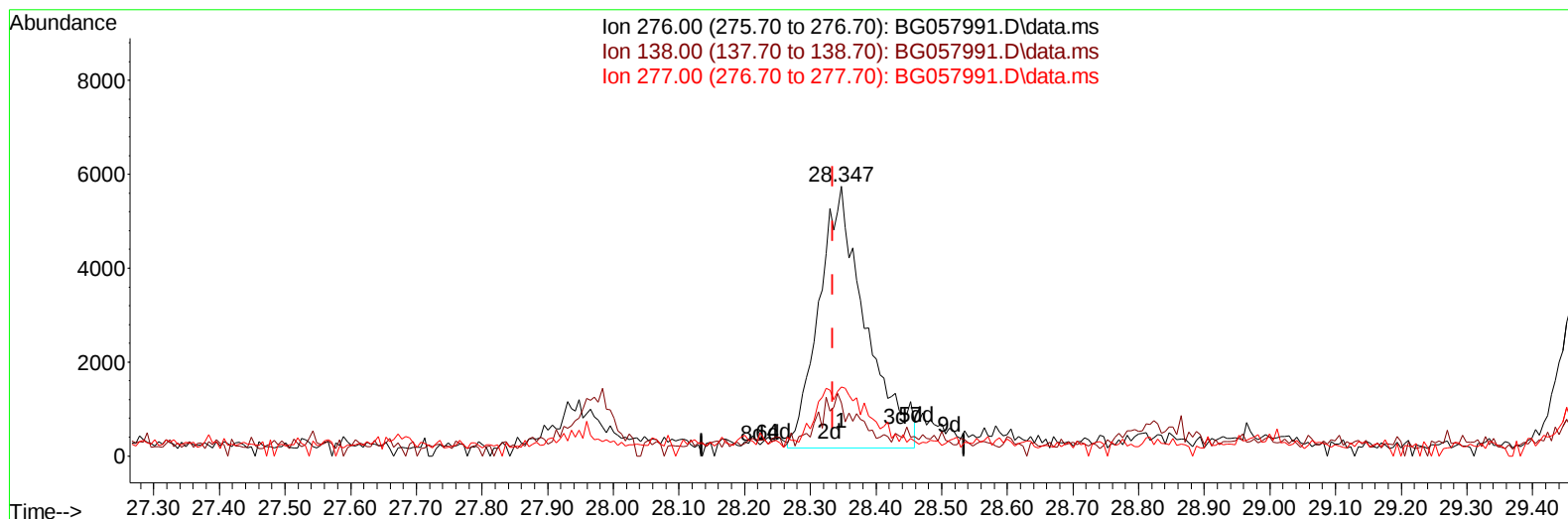
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057991.D
 Acq On : 4 Jul 2023 17:34
 Operator : CG/JU
 Sample : 03248-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN3

Manual IntegrationsAPPROVED

Quant Time: Jul 05 01:20:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
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Reviewed By :Yogesh Patel 07/05/2023
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TIC: BG057991.D\data.ms

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

28.347min (+ 0.013) 1.08 ng/ul m

response 27499

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.50	19.76
277.00	24.30	25.54
0.00	0.00	0.00

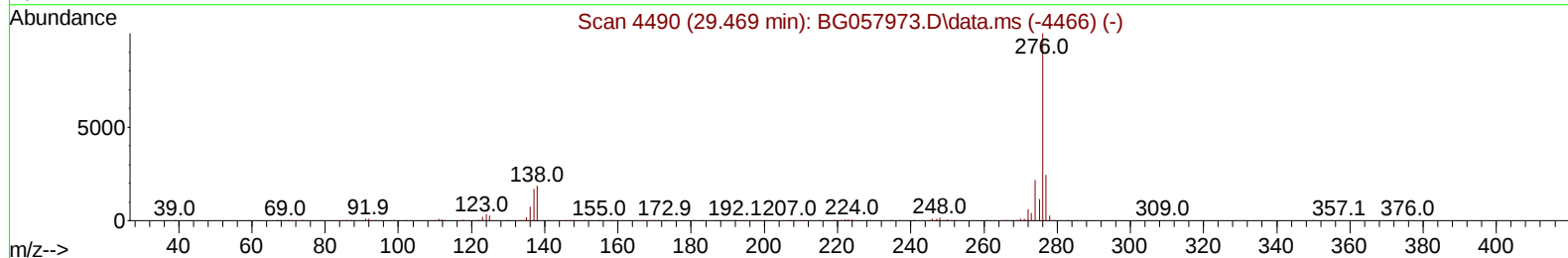
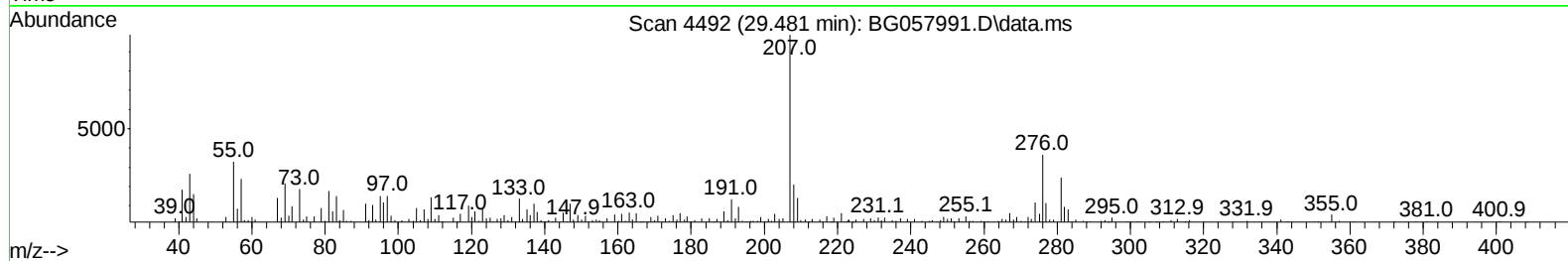
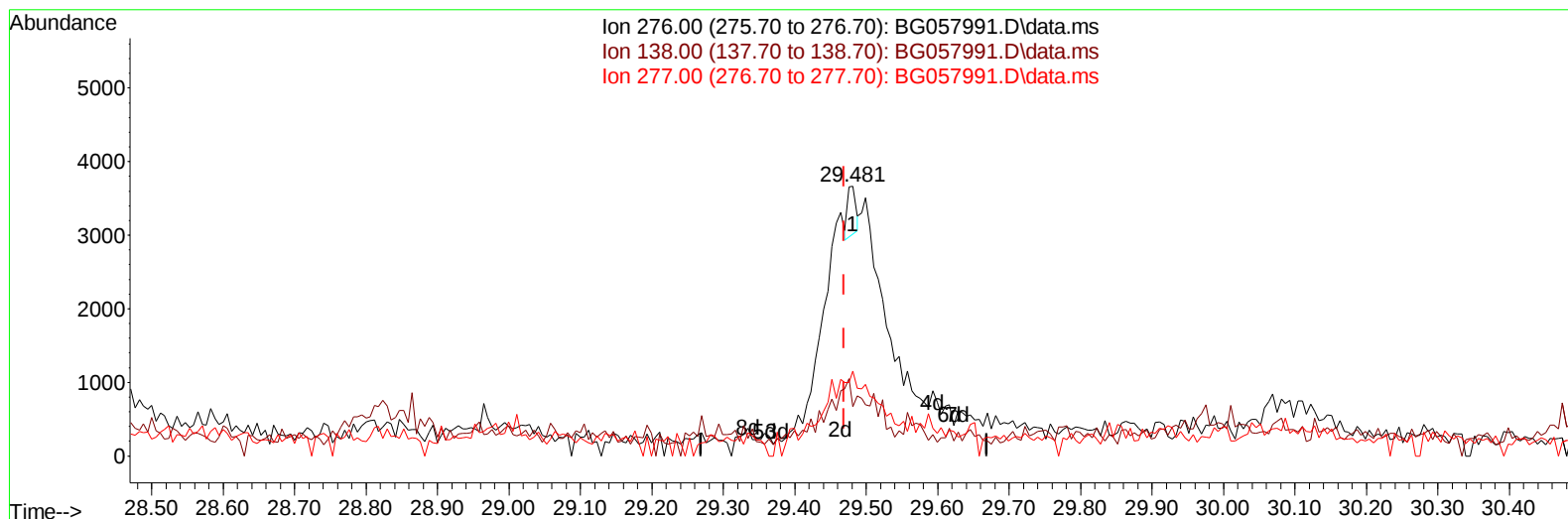
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057991.D
 Acq On : 4 Jul 2023 17:34
 Operator : CG/JU
 Sample : 03248-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN3

Manual IntegrationsAPPROVED

Quant Time: Jul 05 01:21:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
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Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG057991.D\data.ms

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

29.481min (+ 0.013) 0.03 ng/u1

response 559

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	18.19
277.00	23.20	31.40#
0.00	0.00	0.00

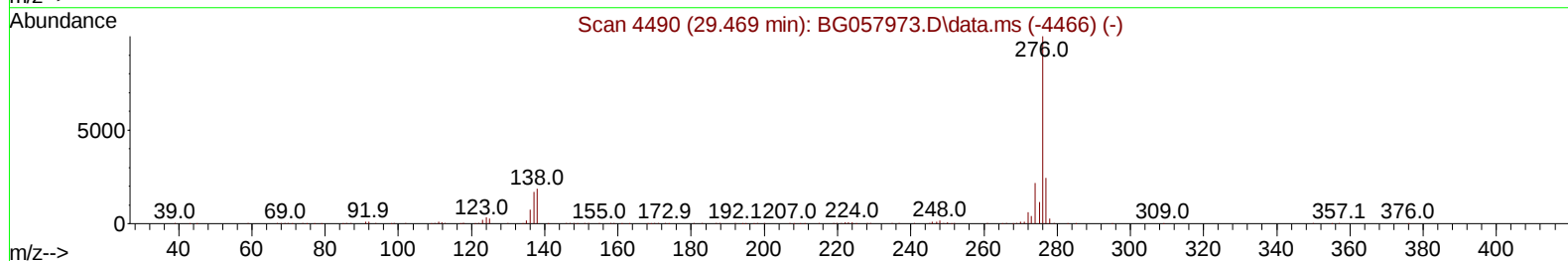
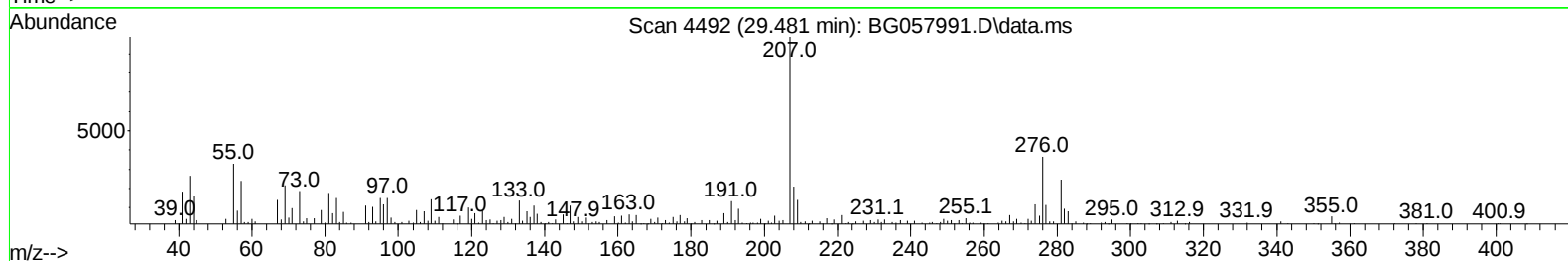
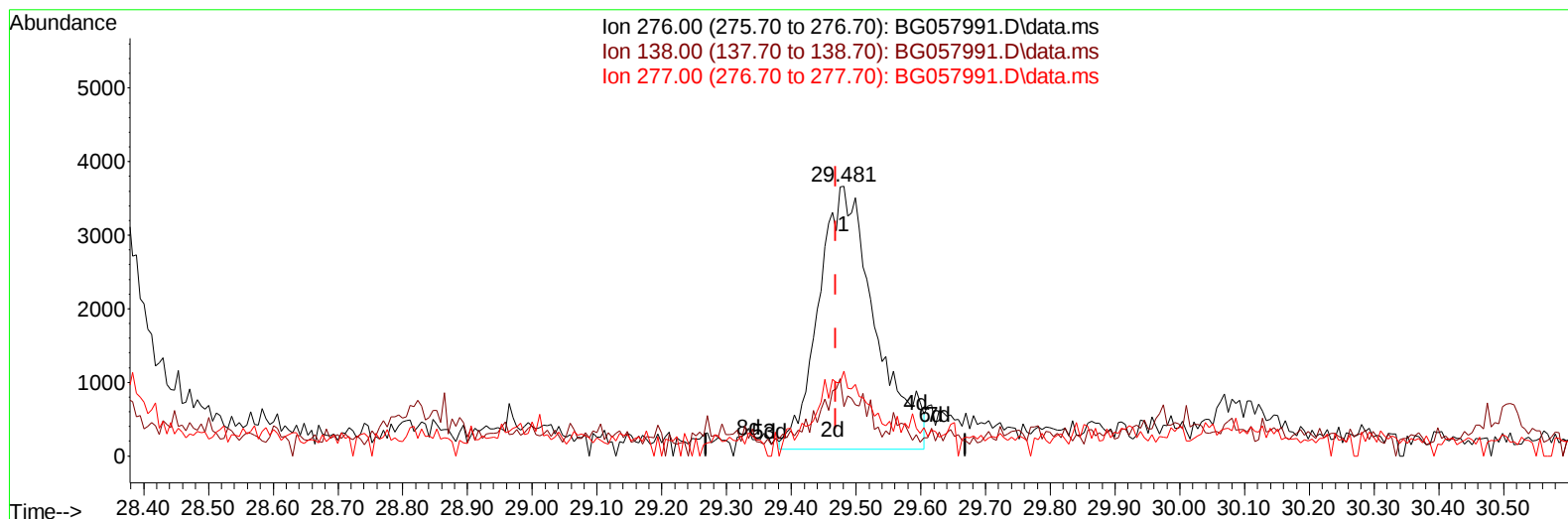
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057991.D
 Acq On : 4 Jul 2023 17:34
 Operator : CG/JU
 Sample : 03248-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN3

Manual IntegrationsAPPROVED

Quant Time: Jul 05 01:21:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
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 QLast Update : Tue Jul 04 05:09:13 2023
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 Supervised By :mohammad ahmed 07/05/2023



TIC: BG057991.D\data.ms

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

29.481min (+ 0.013) 1.04 ng/ul m

response 21586

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	18.19
277.00	23.20	31.40#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057991.D
 Acq On : 4 Jul 2023 17:34
 Operator : CG/JU
 Sample : 03248-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 01:22:16 2023
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	52897	20.000	ng/ul	0.00
20) Naphthalene-d8	10.744	136	246506	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	161235	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.319	188	354651	20.000	ng/ul	0.00
79) Chrysene-d12	21.573	240	288078	20.000	ng/ul	0.00
88) Perylene-d12	24.746	264	349611	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	5682	3.761	ng/uL	0.00
4) Pyridine-d5	3.788	84	37796	8.241	ng/ul	0.00
7) Phenol-d5	7.108	99	127795	23.657	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.266	67	78020	23.966	ng/ul	0.00
11) 2-Chlorophenol-d4	7.472	132	94929	25.479	ng/ul	0.00
15) 4-Methylphenol-d8	8.647	113	90495	22.201	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	49183	24.480	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	53352	25.266	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	101257	24.997	ng/ul	0.00
31) 4-Chloroaniline-d4	10.880	131	78506	12.783	ng/ul	0.00
46) Dimethylphthalate-d6	13.976	166	312347	24.552	ng/ul	0.00
49) Acenaphthylene-d8	14.270	160	360785	25.989	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	42763	19.026	ng/ul	0.00
60) Fluorene-d10	15.568	176	279832	25.901	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	34774	18.057	ng/ul	0.00
73) Anthracene-d10	17.413	188	385843	23.446	ng/ul	0.00
81) Pyrene-d10	19.705	212	497484	27.420	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.522	264	501027	28.129	ng/ul	0.00
Target Compounds						
72) Phenanthrene	17.360	178	18567	1.029	ng/ul	98
80) Fluoranthene	19.370	202	53935	2.565	ng/ul	99
82) Pyrene	19.734	202	44946	2.124	ng/ul	98
85) Benzo(a)anthracene	21.549	228	29338m	1.418	ng/ul	
87) Chrysene	21.614	228	37565	1.937	ng/ul	96
90) Benzo(b)fluoranthene	23.729	252	59417	2.745	ng/ul	98
91) Benzo(k)fluoranthene	23.788	252	22583m	1.064	ng/ul	
93) Benzo(a)pyrene	24.587	252	33763	1.762	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.347	276	27499m	1.081	ng/ul	
96) Benzo(g,h,i)perylene	29.481	276	21586m	1.039	ng/ul	

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

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ALS Vial : 49 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Quant Time: Jul 05 01:22:16 2023
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