

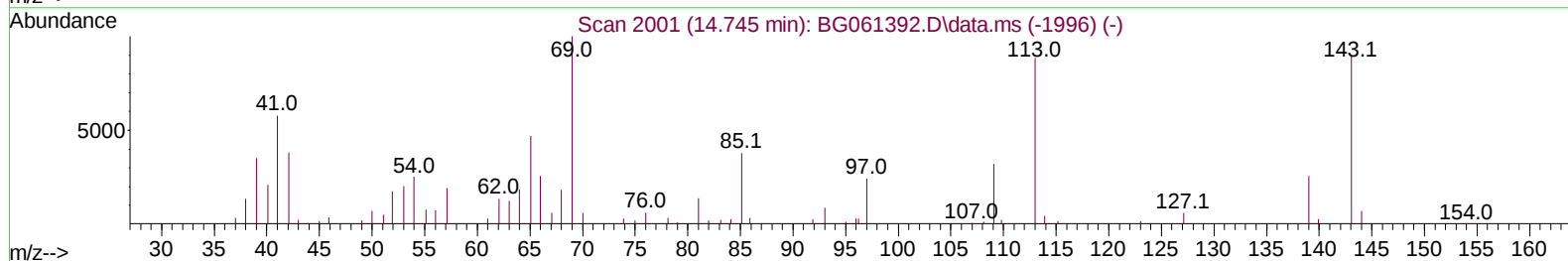
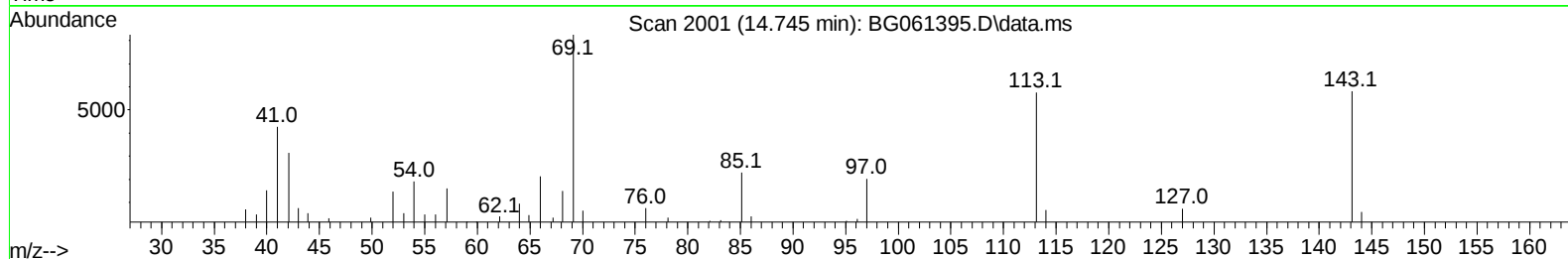
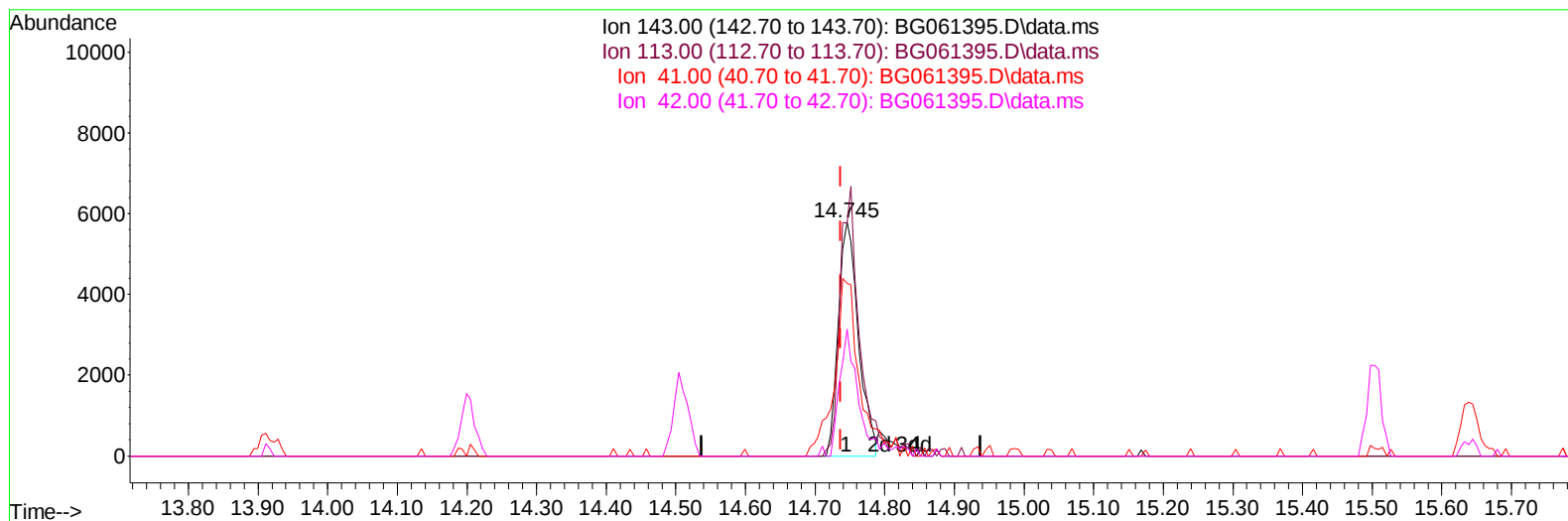
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061395.D
Acq On : 31 May 2024 16:09
Operator : MA/JU
Sample : P2588-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E1

Manual IntegrationsAPPROVED

Quant Time: May 31 16:57:53 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 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BG061395.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.745min (+ 0.008) 17.16 ng/u1

response 11632

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	99.50
41.00	77.10	73.70
42.00	49.50	54.15

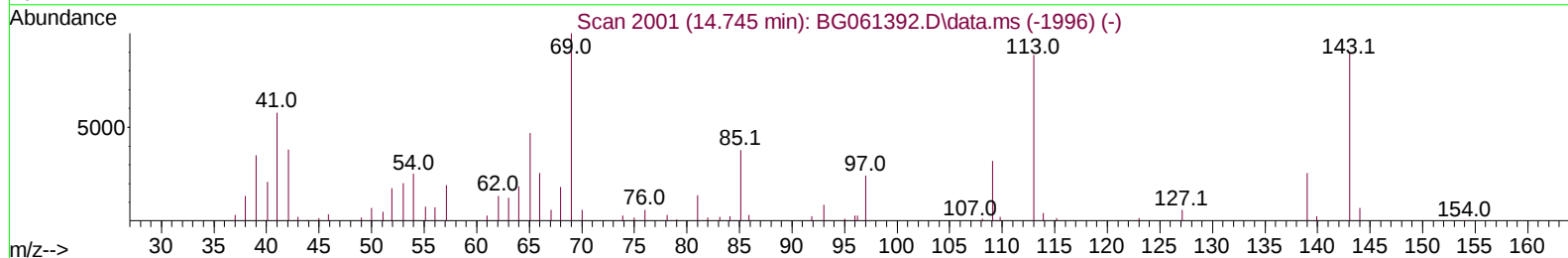
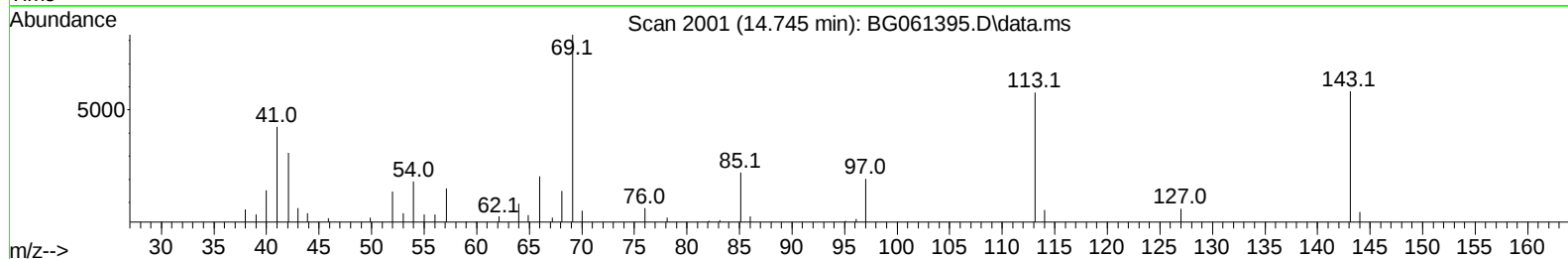
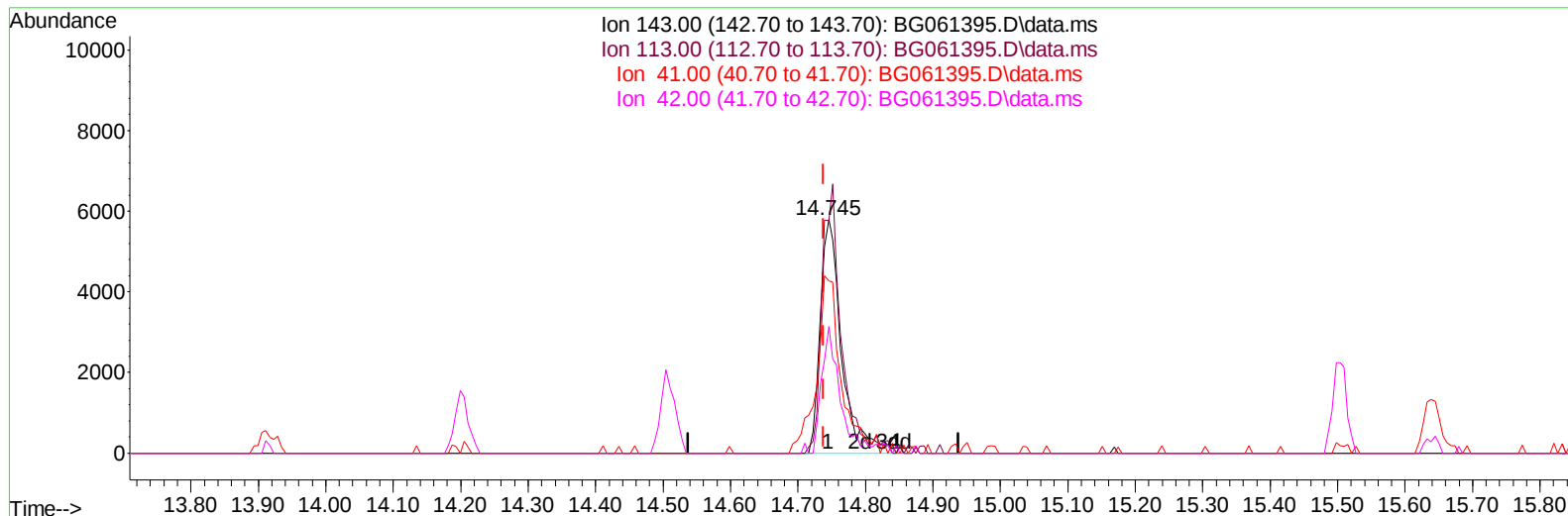
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061395.D
Acq On : 31 May 2024 16:09
Operator : MA/JU
Sample : P2588-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E1

Manual IntegrationsAPPROVED

Quant Time: May 31 16:57:53 2024
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Quant Title : SVOA CALIBRATION
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Supervised By :mohammad ahmed 06/04/2024



TIC: BG061395.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.745min (+ 0.008) 18.69 ng/ul m

response 12664

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	99.50
41.00	77.10	73.70
42.00	49.50	54.15

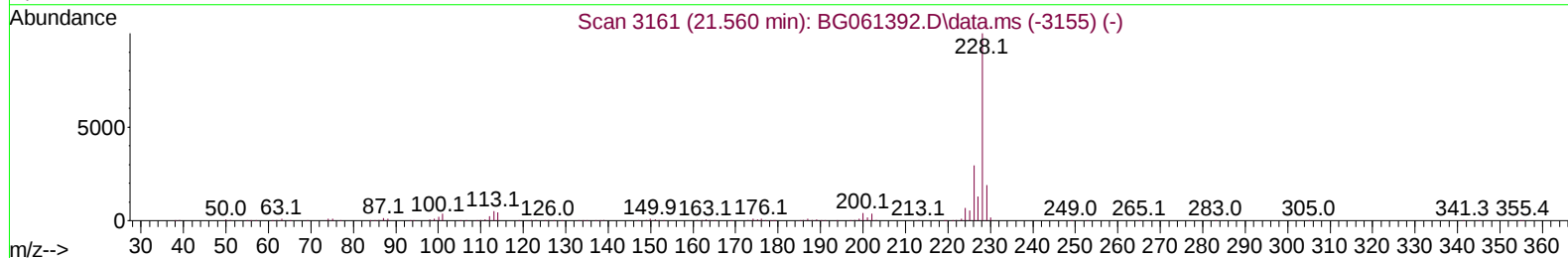
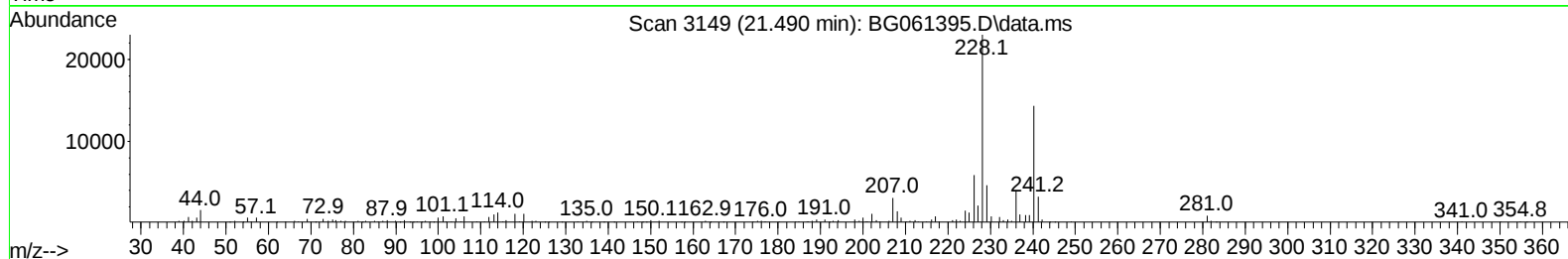
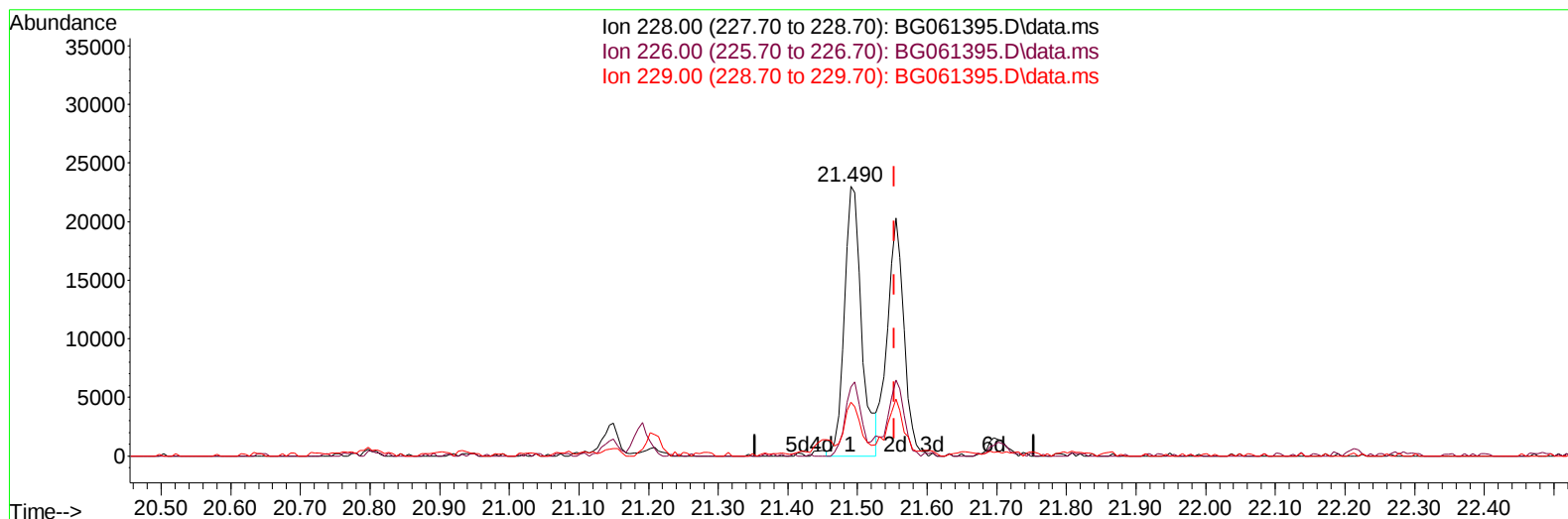
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061395.D
Acq On : 31 May 2024 16:09
Operator : MA/JU
Sample : P2588-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E1

Manual IntegrationsAPPROVED

Quant Time: May 31 16:57:53 2024
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TIC: BG061395.D\data.ms

(87) Chrysene

21.490min (-0.063) 3.33 ng/u1

response 39744

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	25.57
229.00	19.30	20.05
0.00	0.00	0.00

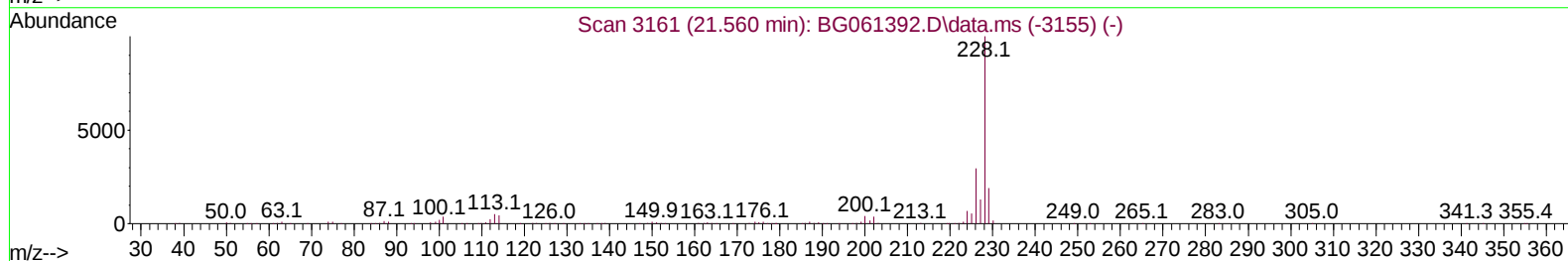
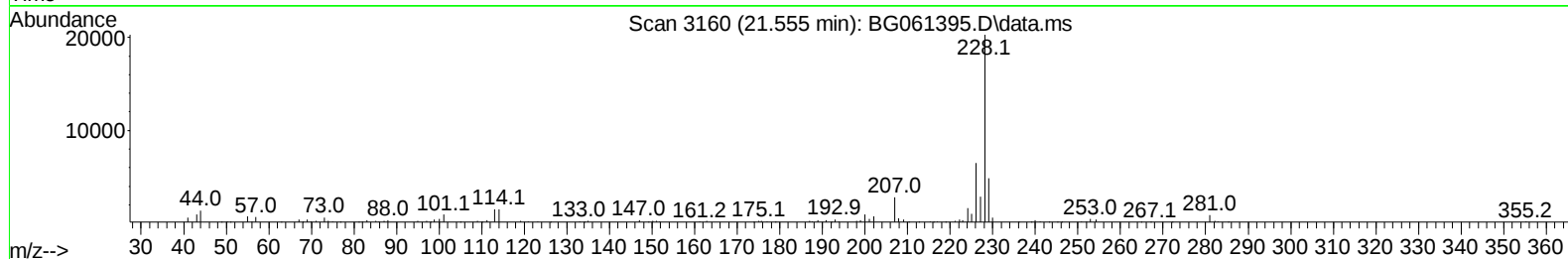
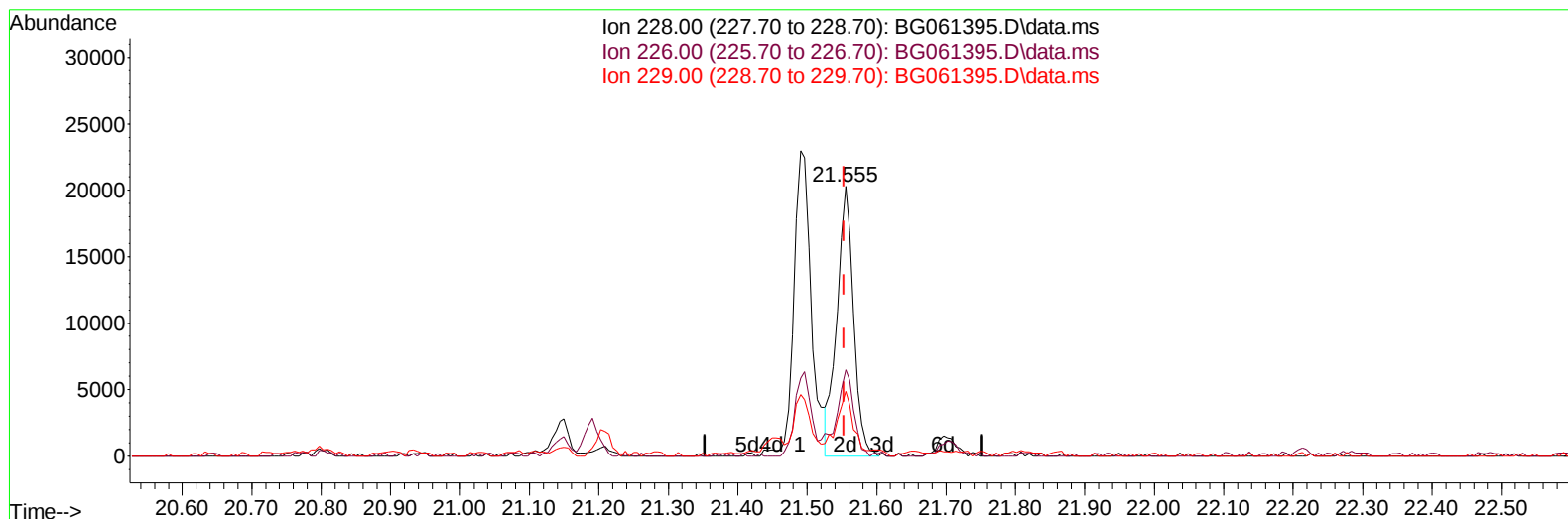
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061395.D
Acq On : 31 May 2024 16:09
Operator : MA/JU
Sample : P2588-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E1

Manual IntegrationsAPPROVED

Quant Time: May 31 16:57:53 2024
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TIC: BG061395.D\data.ms

(87) Chrysene

21.555min (+ 0.002) 2.83 ng/ul m

response 33761

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	31.93
229.00	19.30	23.93#
0.00	0.00	0.00

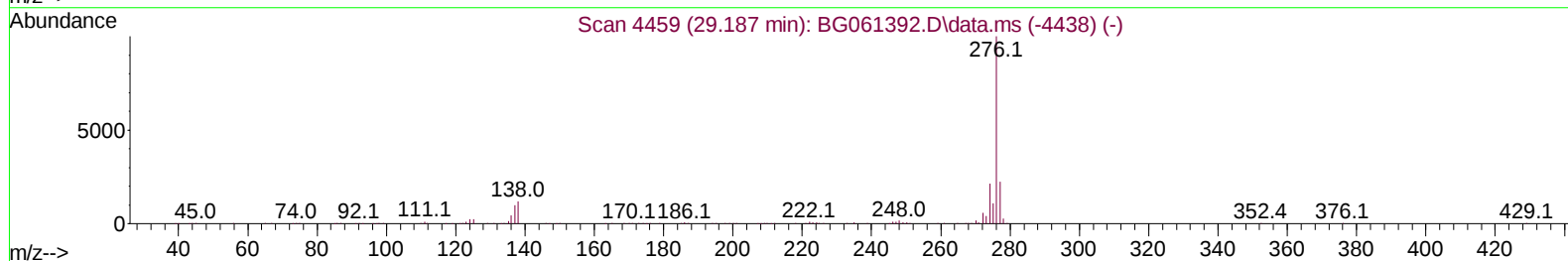
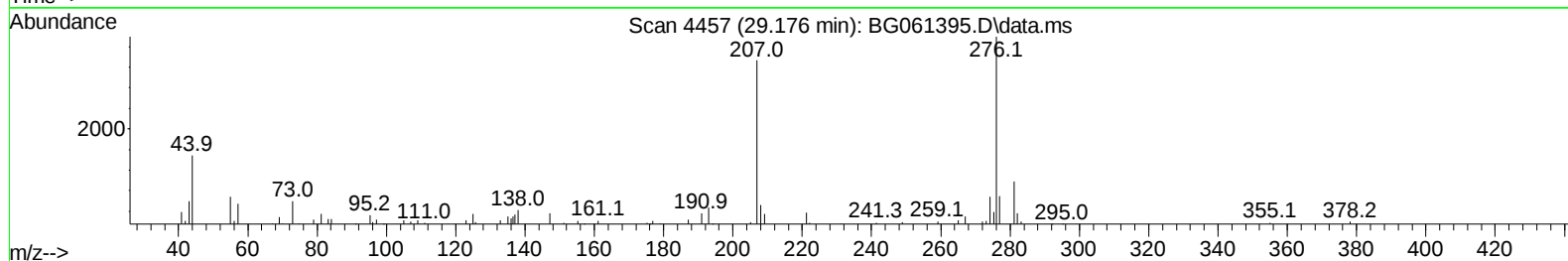
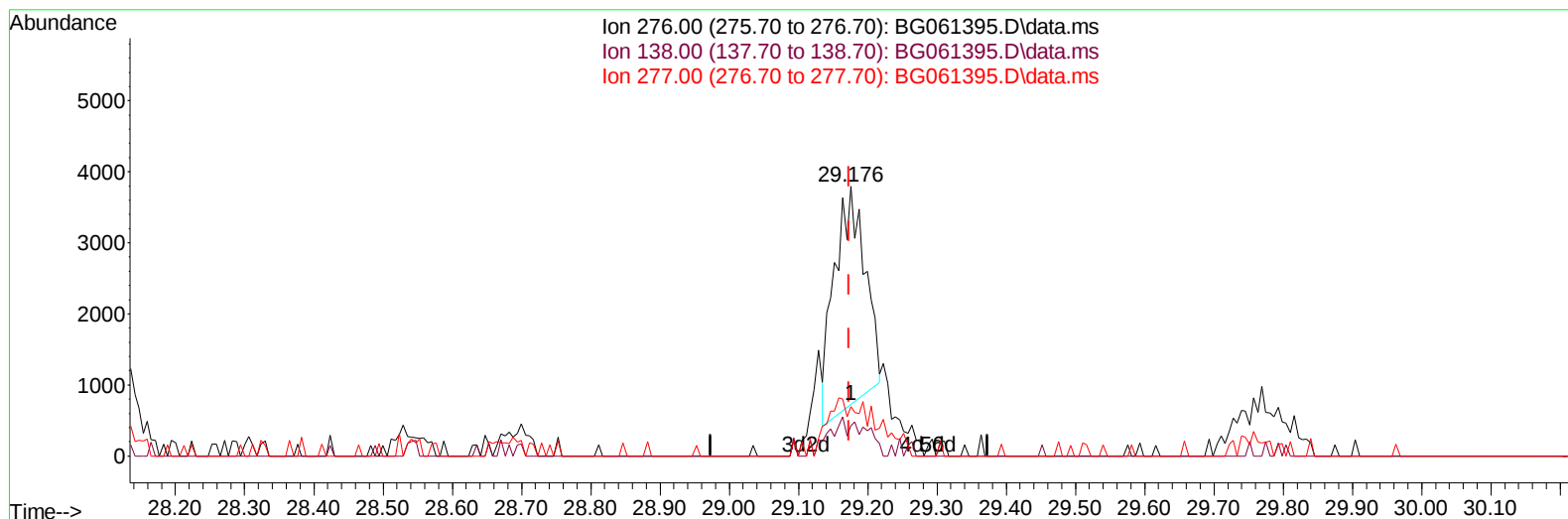
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061395.D
Acq On : 31 May 2024 16:09
Operator : MA/JU
Sample : P2588-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E1

Manual IntegrationsAPPROVED

Quant Time: May 31 17:00:26 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 06/03/2024
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TIC: BG061395.D\data.ms

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

29.176min (+ 0.002) 0.83 ng/u1

response 9479

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.23
277.00	22.70	18.25
0.00	0.00	0.00

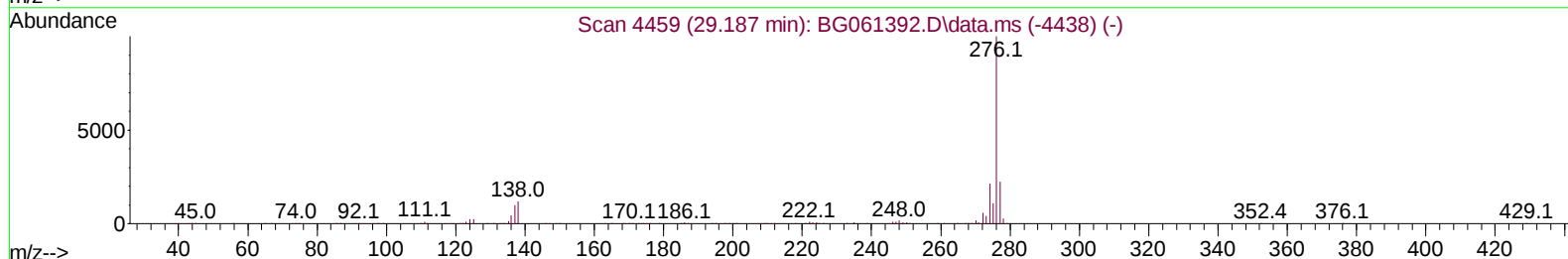
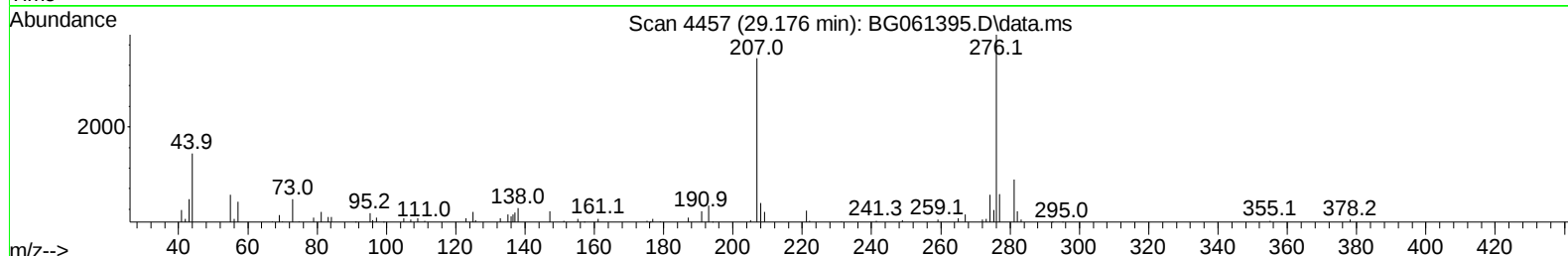
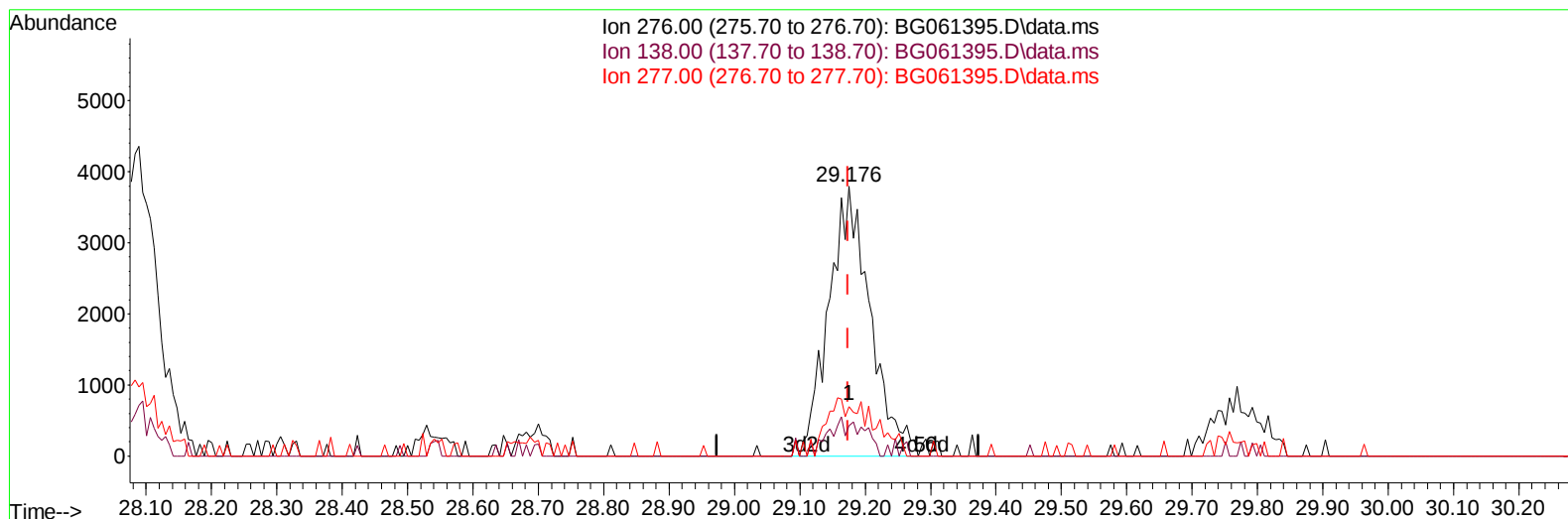
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061395.D
Acq On : 31 May 2024 16:09
Operator : MA/JU
Sample : P2588-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E1

Manual IntegrationsAPPROVED

Quant Time: May 31 17:00:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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QLast Update : Thu May 30 22:54:48 2024
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TIC: BG061395.D\data.ms

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

29.176min (+ 0.002) 1.45 ng/ul m

response 16672

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.23
277.00	22.70	18.25
0.00	0.00	0.00

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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: May 31 17:01:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	22035	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	84242	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	70679	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	175268	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.508	240	187865	20.000	ng/ul	0.00
88) Perylene-d12	24.599	264	211182	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	1748	4.439	ng/uL	0.00
4) Pyridine-d5	3.741	84	24938	17.803	ng/ul	0.00
7) Phenol-d5	7.054	99	32344	17.874	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	19511	17.155	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	25120	18.758	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	24836	16.096	ng/ul	0.00
21) Nitrobenzene-d5	9.029	128	12881	19.860	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	15824	20.846	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	30767	20.790	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	36186	18.690	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	122940	22.427	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	125521	22.025	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	12664m	18.686	ng/ul	0.00
60) Fluorene-d10	15.503	176	109304	23.096	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	15806	14.911	ng/ul	0.00
73) Anthracene-d10	17.360	188	190633	24.671	ng/ul	0.00
81) Pyrene-d10	19.651	212	257505	26.695	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.387	264	285950	28.165	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.301	178	43385	5.100	ng/ul	99
80) Fluoranthene	19.317	202	68601	5.928	ng/ul	99
82) Pyrene	19.681	202	65489	5.452	ng/ul	98
85) Benzo(a)anthracene	21.490	228	39744	3.066	ng/ul	98
87) Chrysene	21.555	228	33761m	2.829	ng/ul	
90) Benzo(b)fluoranthene	23.617	252	38128	3.032	ng/ul#	96
91) Benzo(k)fluoranthene	23.676	252	13280	1.040	ng/ul	94
93) Benzo(a)pyrene	24.446	252	30092	2.520	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	28.089	276	18149	1.257	ng/ul#	92
96) Benzo(g,h,i)perylene	29.176	276	16672m	1.451	ng/ul	

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

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