

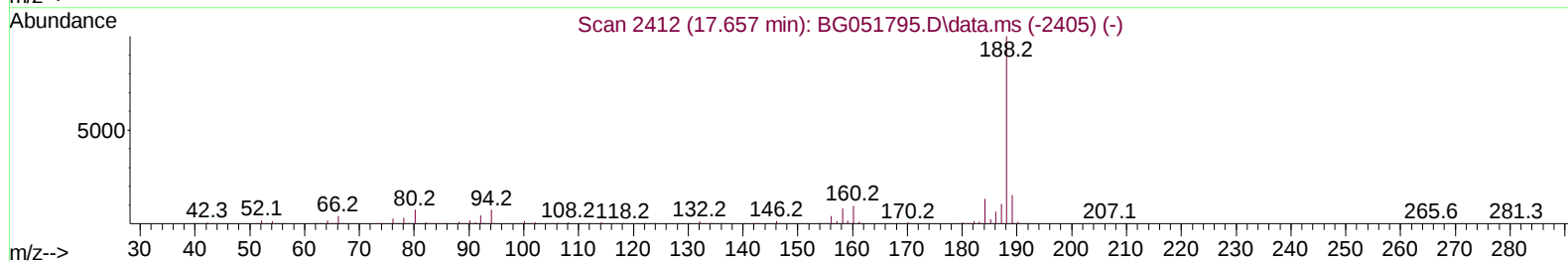
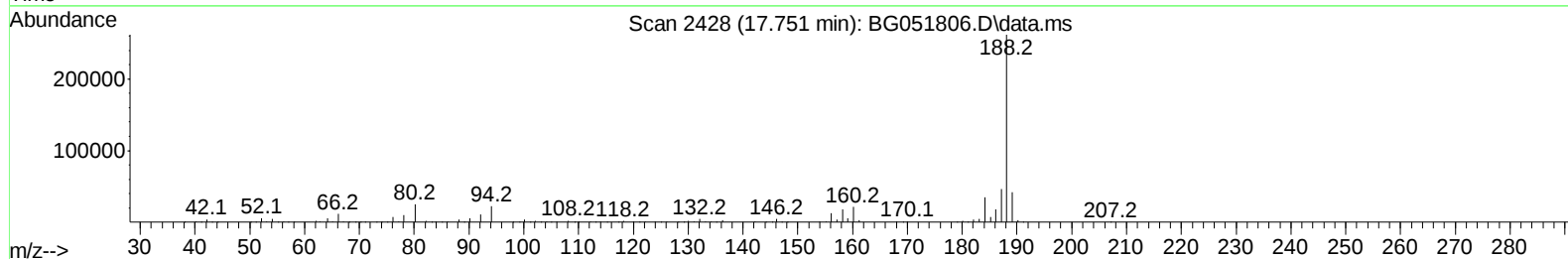
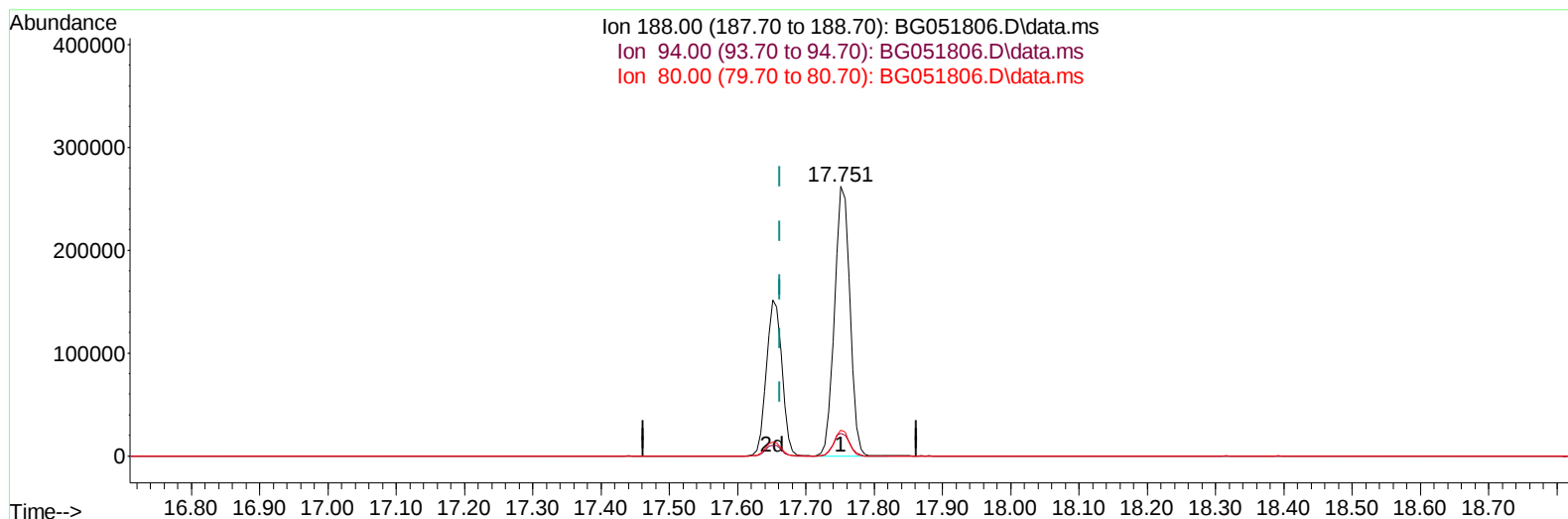
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051806.D
 Acq On : 27 Dec 2021 17:22
 Operator : CG/JU
 Sample : M5152-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BG3E4

Manual IntegrationsAPPROVED

Quant Time: Dec 28 00:06:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 13:37:07 2021
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/28/2021
 Supervised By :mohammad ahmed 12/31/2021



TIC: BG051806.D\data.ms

(64) Phenanthrene-d10 (I)

17.751min (+ 0.089) 20.00 ng/u1

response 413208

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.50	8.41
80.00	11.40	9.51
0.00	0.00	0.00

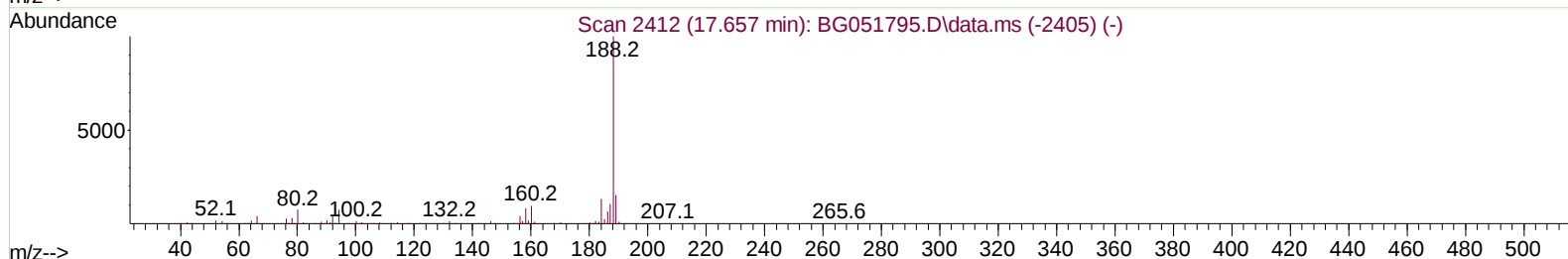
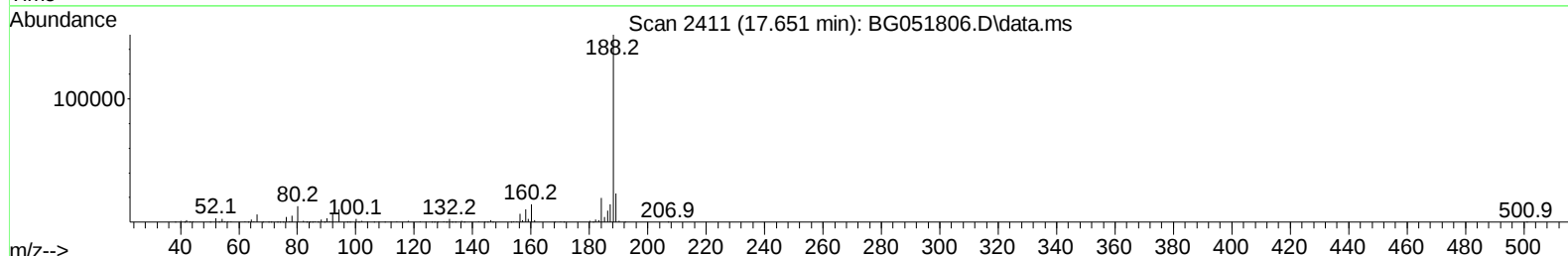
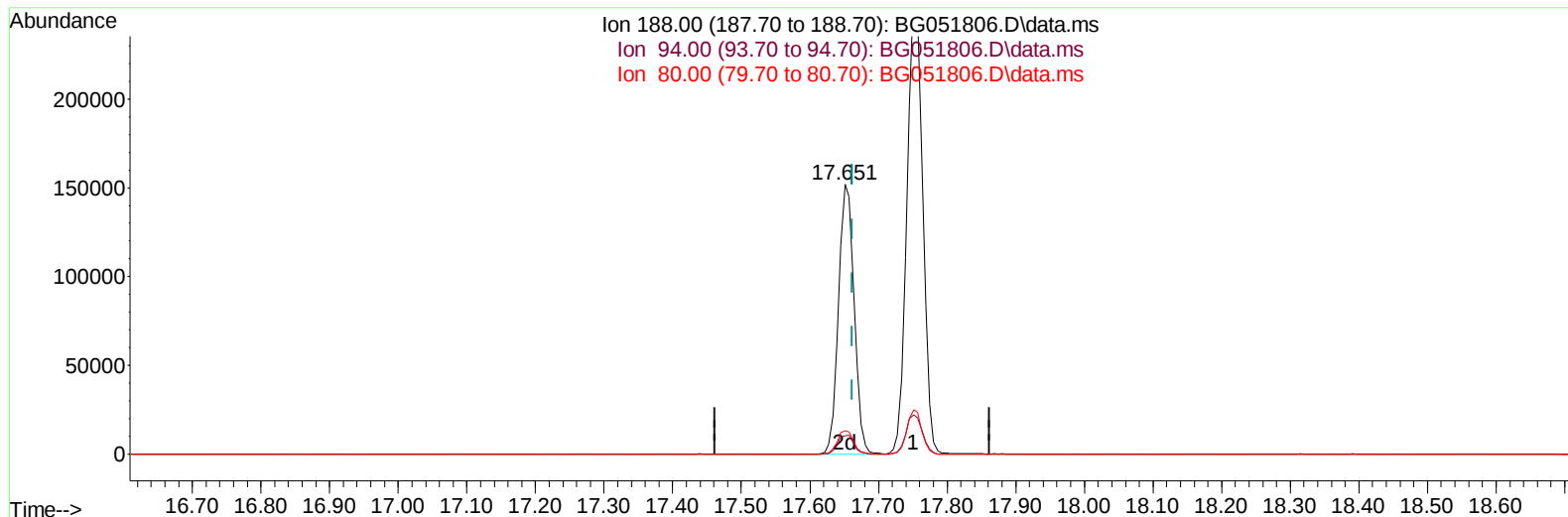
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051806.D
 Acq On : 27 Dec 2021 17:22
 Operator : CG/JU
 Sample : M5152-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BG3E4

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/31/2021



TIC: BG051806.D\data.ms

(64) Phenanthrene-d10 (I)

17.651min (-0.011) 20.00 ng/ul m

response 239910

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.50	6.80#
80.00	11.40	8.59#
0.00	0.00	0.00

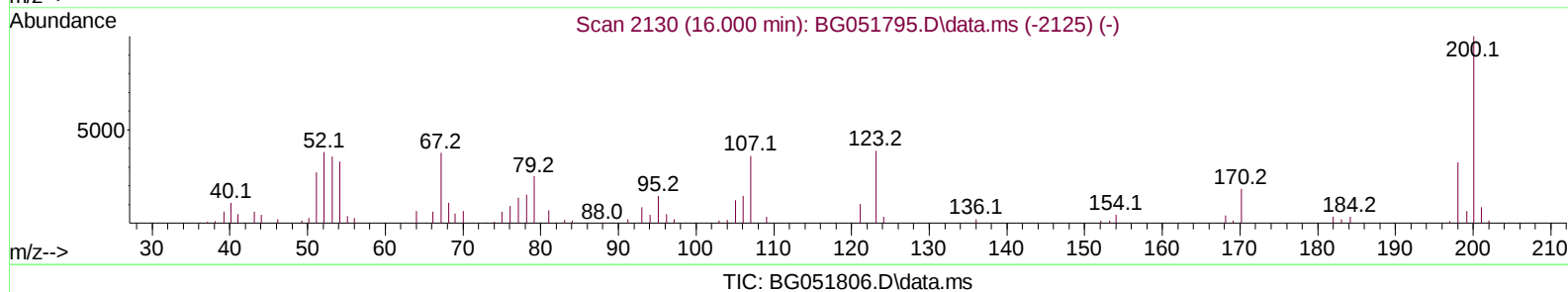
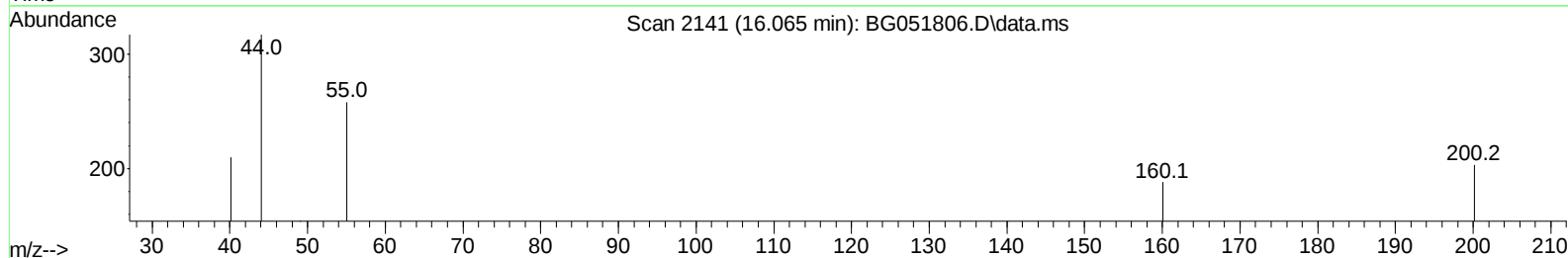
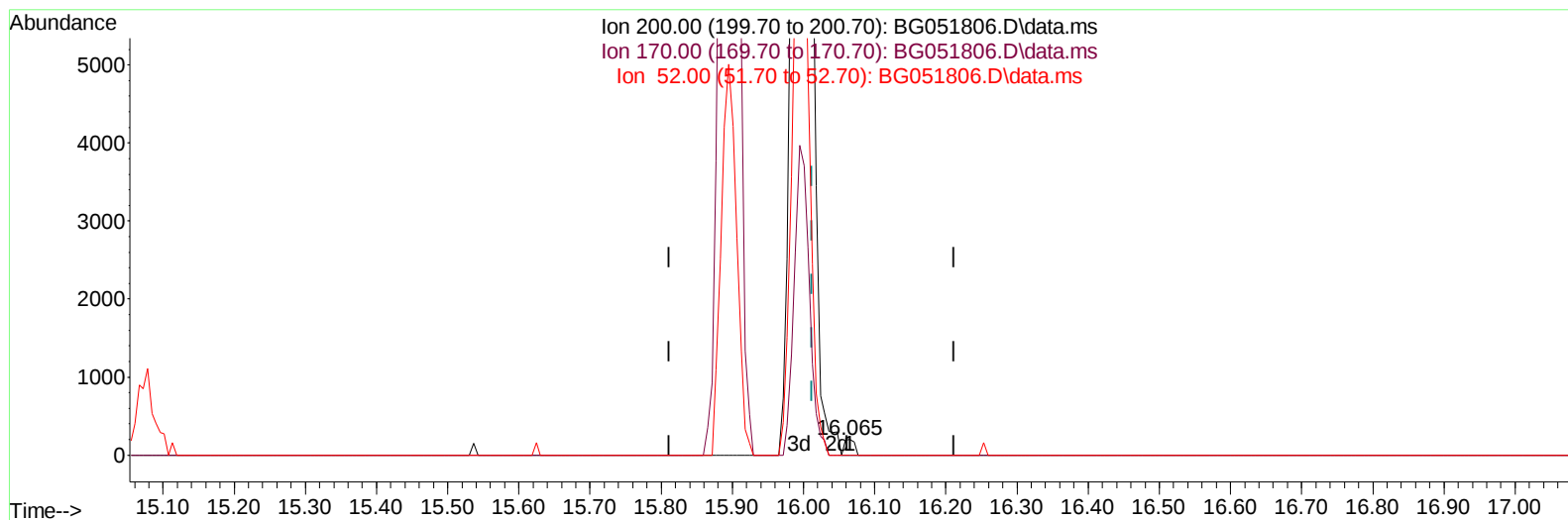
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
Data File : BG051806.D
Acq On : 27 Dec 2021 17:22
Operator : CG/JU
Sample : M5152-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Dec 28 00:06:16 2021
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(65) 4,6-Dinitro-2-methylphenol-d2 (S)

16.065min (+ 0.053) 0.16 ng/u1

response 199

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.80	0.00#
52.00	47.40	0.00#
0.00	0.00	0.00

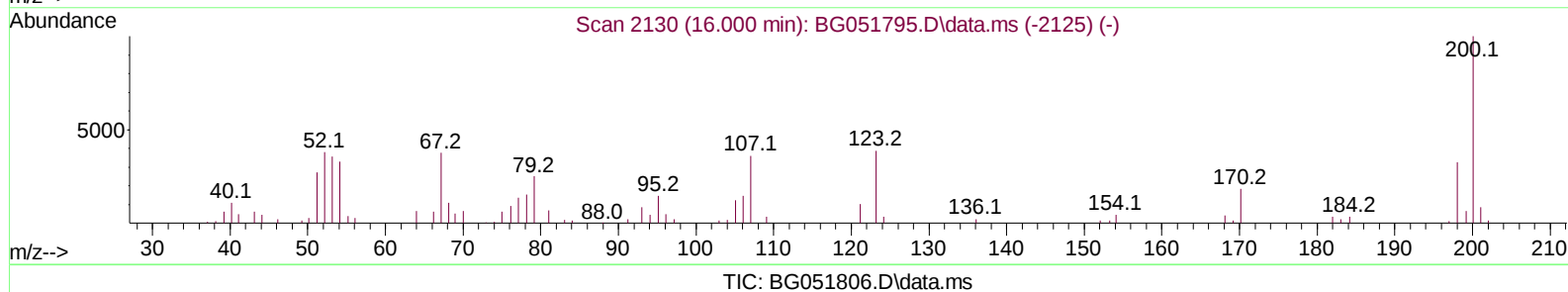
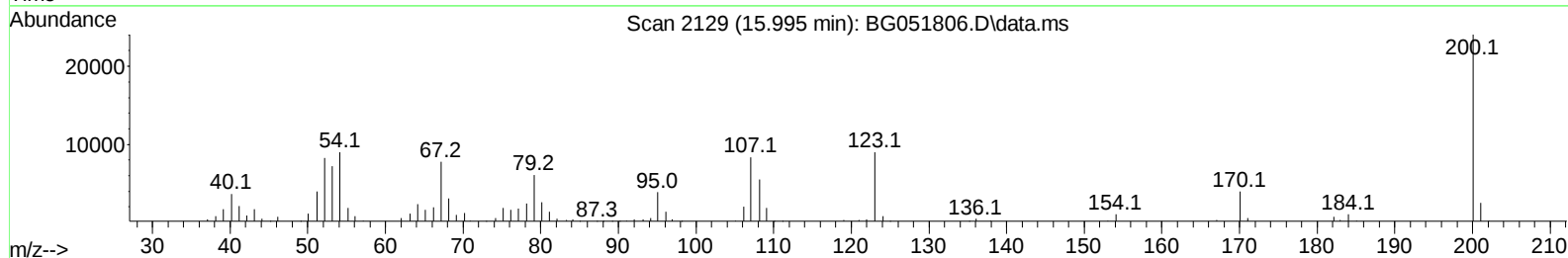
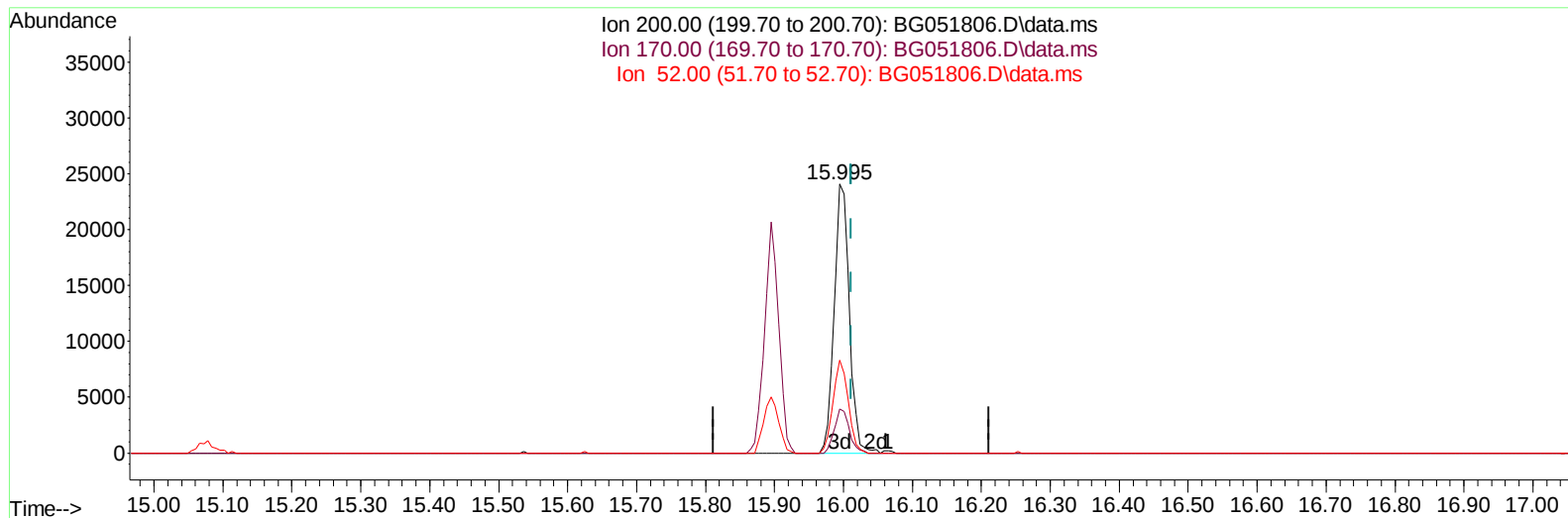
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
Data File : BG051806.D
Acq On : 27 Dec 2021 17:22
Operator : CG/JU
Sample : M5152-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG3E4

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.995min (-0.017) 29.22 ng/ul m

response 36518

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.80	16.51
52.00	47.40	34.50#
0.00	0.00	0.00

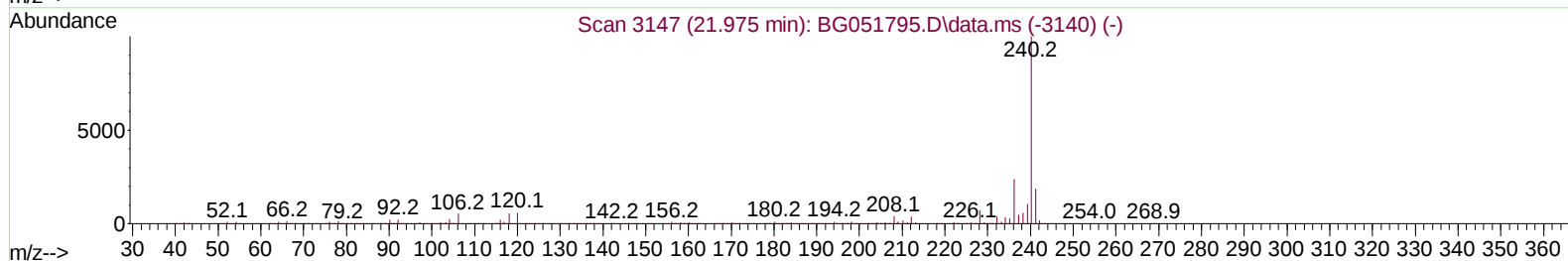
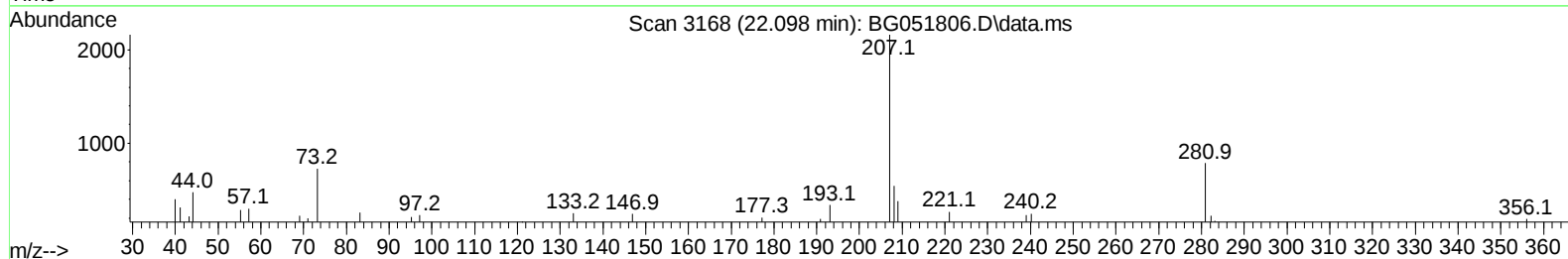
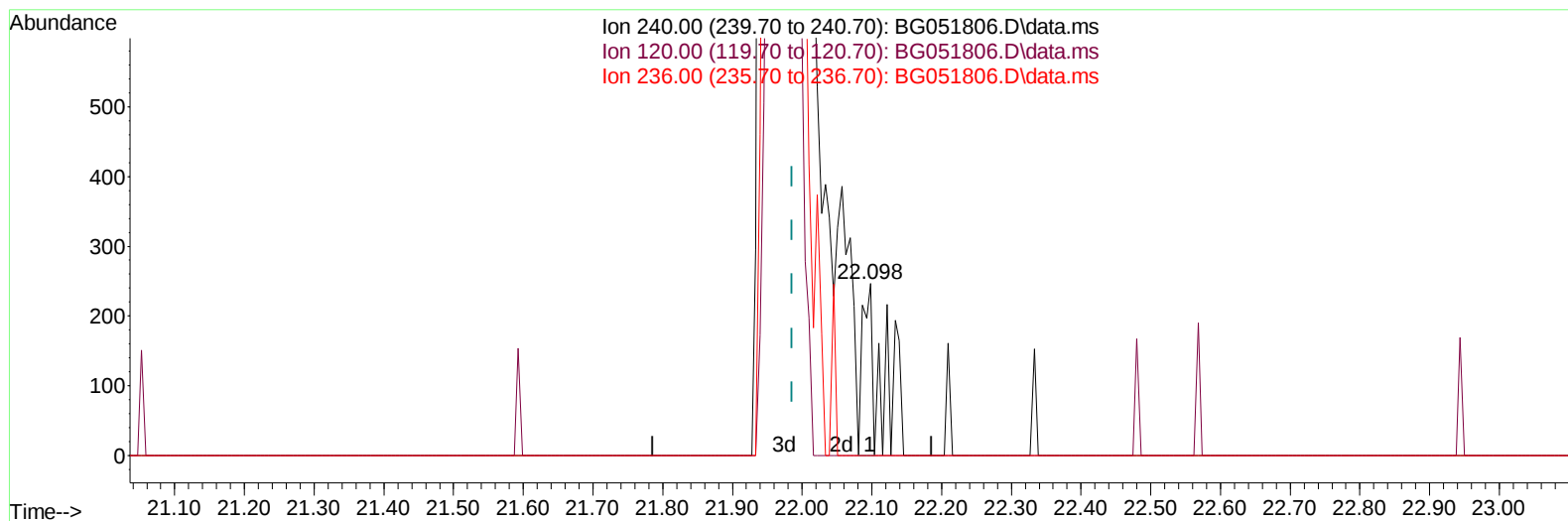
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051806.D
 Acq On : 27 Dec 2021 17:22
 Operator : CG/JU
 Sample : M5152-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BG3E4

Manual IntegrationsAPPROVED

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TIC: BG051806.D\data.ms

(79) Chrysene-d12 (I)

22.098min (+ 0.112) 20.00 ng/u1

response 232

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	9.50	0.00#
236.00	26.70	0.00#
0.00	0.00	0.00

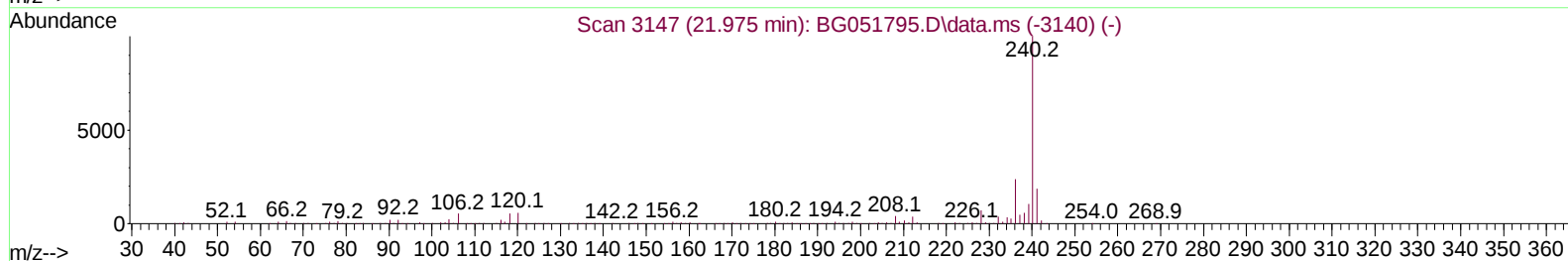
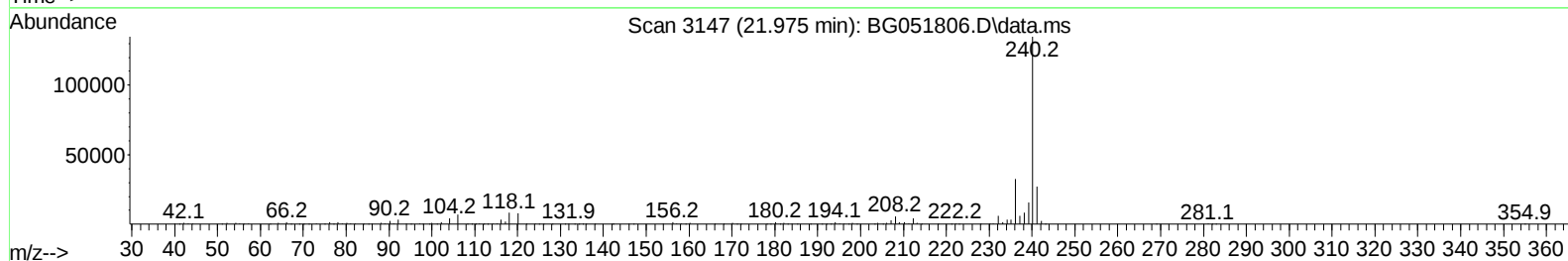
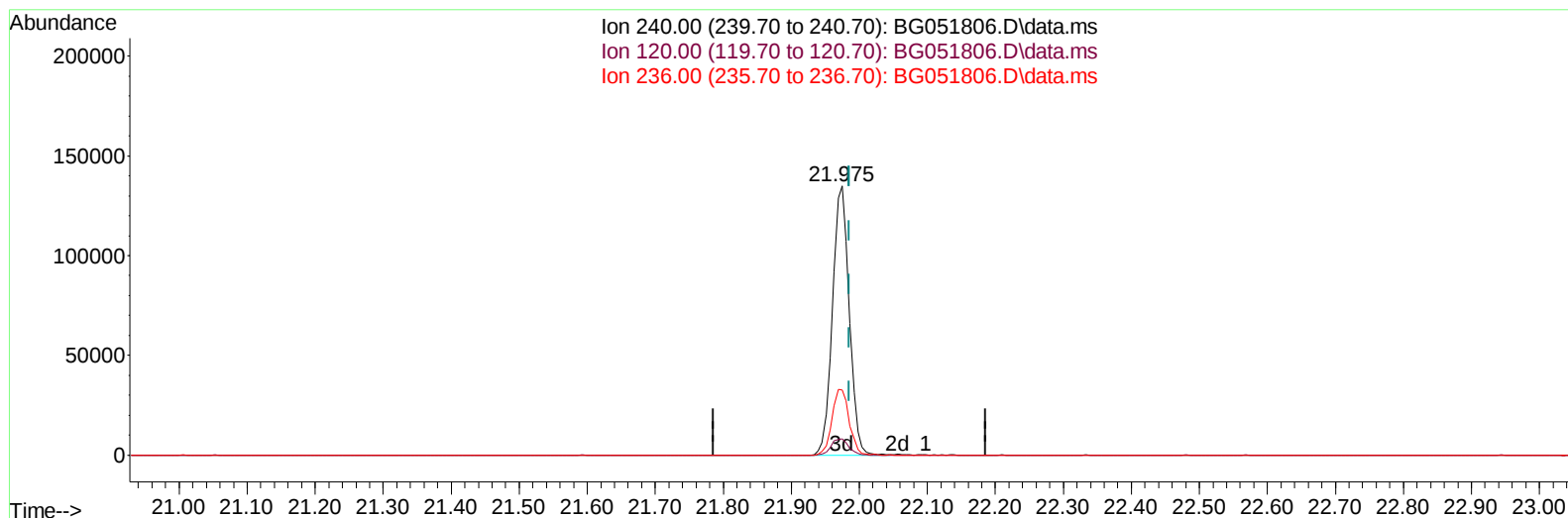
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051806.D
 Acq On : 27 Dec 2021 17:22
 Operator : CG/JU
 Sample : M5152-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BG3E4

Manual IntegrationsAPPROVED

Quant Time: Dec 28 00:06:16 2021
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 Supervised By :mohammad ahmed 12/31/2021



TIC: BG051806.D\data.ms

(79) Chrysene-d12 (I)

21.975min (-0.011) 20.00 ng/ul m

response 231758

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	9.50	6.00#
236.00	26.70	24.17
0.00	0.00	0.00

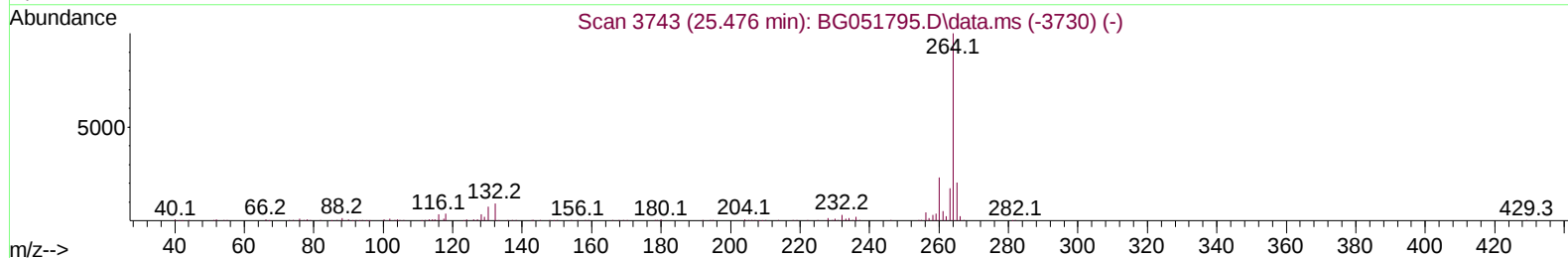
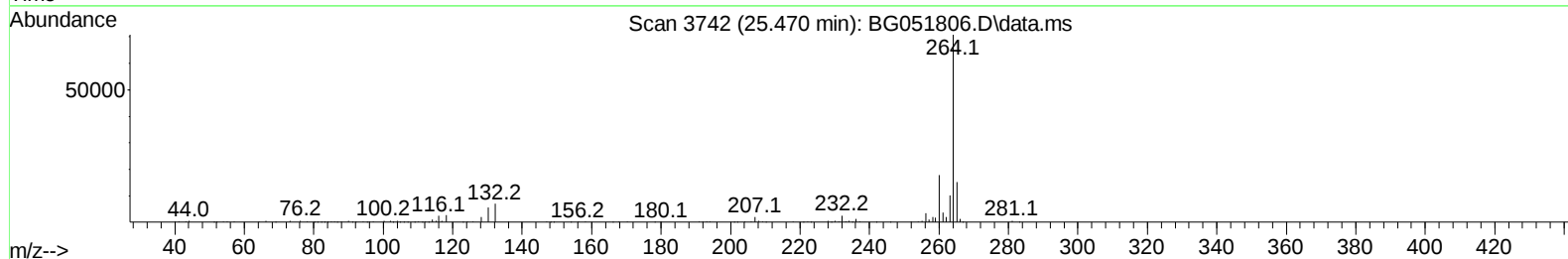
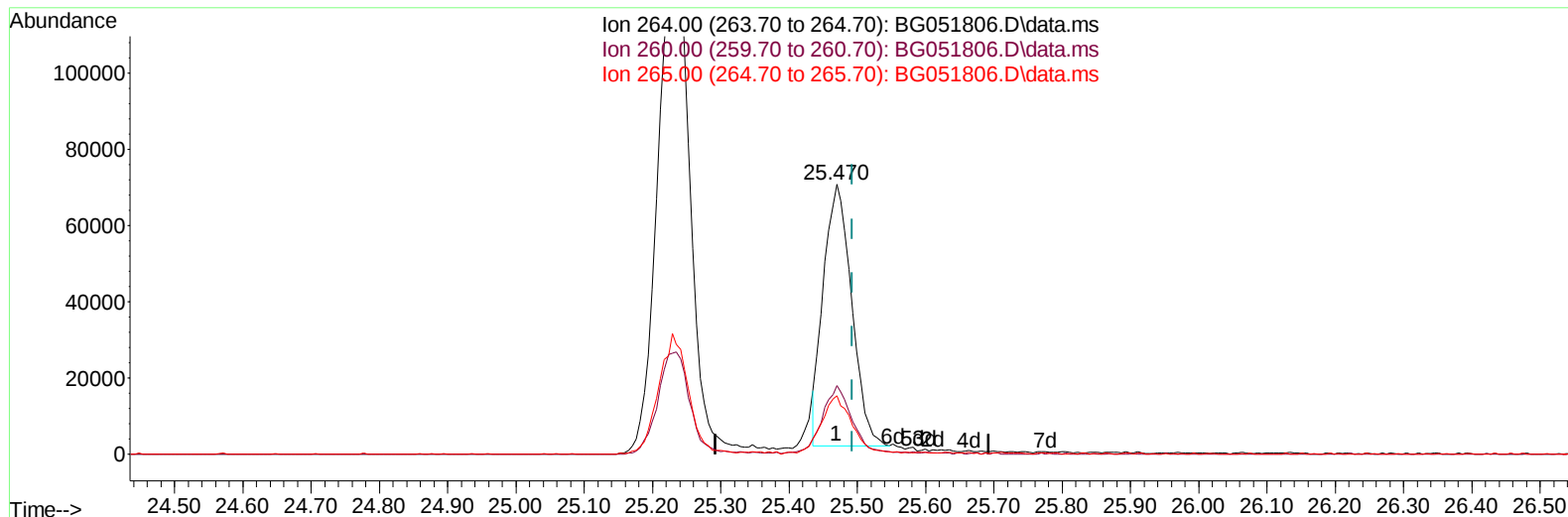
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
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 Operator : CG/JU
 Sample : M5152-03
 Misc :
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Instrument :
 BNA_G
 ClientSampleId :
 BG3E4

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TIC: BG051806.D\data.ms

(88) Perylene-d12 (I)

25.470min (-0.023) 20.00 ng/ul

response 197363

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	24.50	25.29
265.00	22.60	21.71
0.00	0.00	0.00

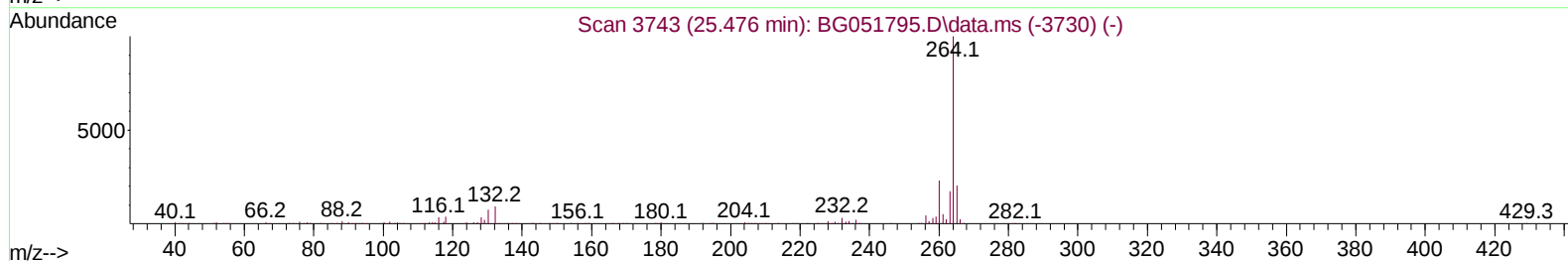
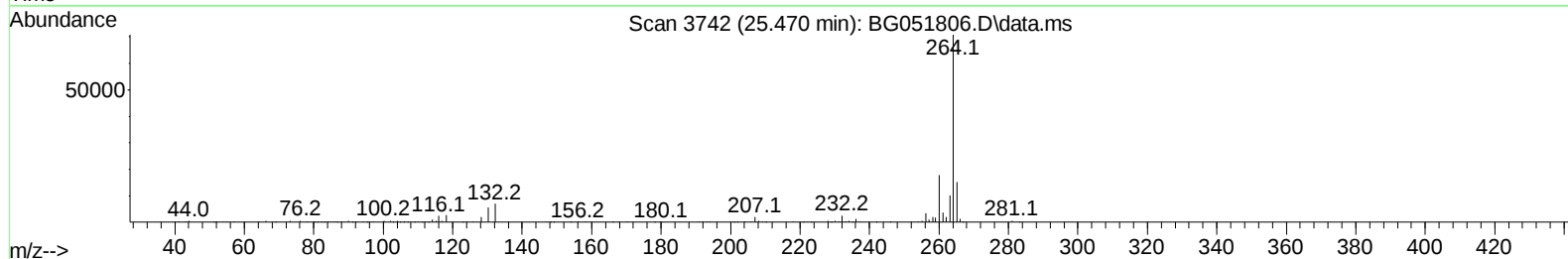
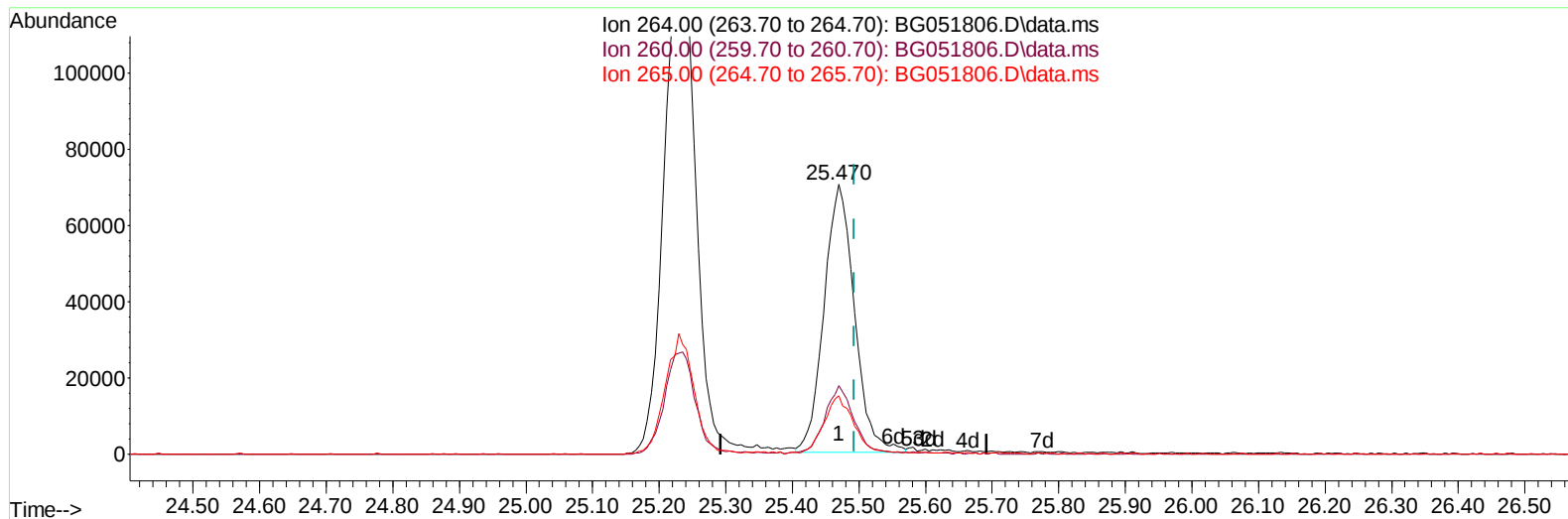
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051806.D
 Acq On : 27 Dec 2021 17:22
 Operator : CG/JU
 Sample : M5152-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BG3E4

Manual IntegrationsAPPROVED

Quant Time: Dec 28 00:06:16 2021
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 Supervised By :mohammad ahmed 12/31/2021



TIC: BG051806.D\data.ms

(88) Perylene-d12 (I)

25.470min (-0.023) 20.00 ng/ul m

response 222788

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	24.50	25.29
265.00	22.60	21.71
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
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 Operator : CG/JU
 Sample : M5152-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BG3E4

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	38914	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.107	136	156956	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.908	164	108118	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.651	188	239910m	20.000	ng/ul	-0.01
79) Chrysene-d12	21.975	240	231758m	20.000	ng/ul	-0.01
88) Perylene-d12	25.470	264	222788m	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	4659	4.972	ng/uL	0.00
4) Pyridine-d5	4.028	84	27989	9.886	ng/ul	-0.02
7) Phenol-d5	7.406	99	29150	8.390	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.577	67	68615	33.219	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.800	132	62743	25.964	ng/ul	-0.01
15) 4-Methylphenol-d8	8.969	113	46225	17.211	ng/ul	-0.01
21) Nitrobenzene-d5	9.445	128	38512	33.467	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.173	143	41977	33.369	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	77561	28.432	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.230	131	71897	20.018	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	278815	32.219	ng/ul	-0.02
49) Acenaphthylene-d8	14.602	160	350085	32.574	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.078	143	10139	7.205	ng/ul	0.00
60) Fluorene-d10	15.895	176	245794	31.702	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.995	200	36518m	29.216	ng/ul	-0.02
73) Anthracene-d10	17.751	188	413208	36.106	ng/ul	-0.01
81) Pyrene-d10	20.030	212	478989	34.340	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.229	264	439846	37.522	ng/ul	-0.02
Target Compounds						
					Qvalue	
8) Phenol	7.436	94	3559	1.030	ng/ul#	90
16) Acetophenone	9.098	105	4958	1.175	ng/ul#	82
35) 4-Chloro-3-methylphenol	12.358	107	14441	4.965	ng/ul	95

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

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