

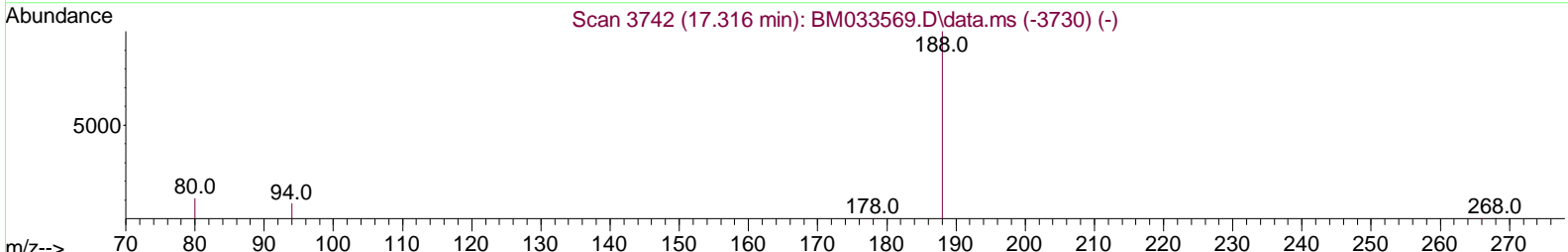
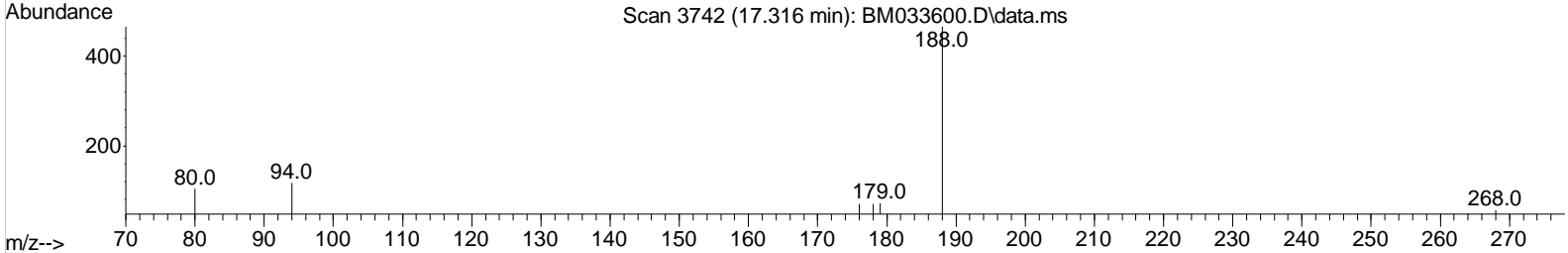
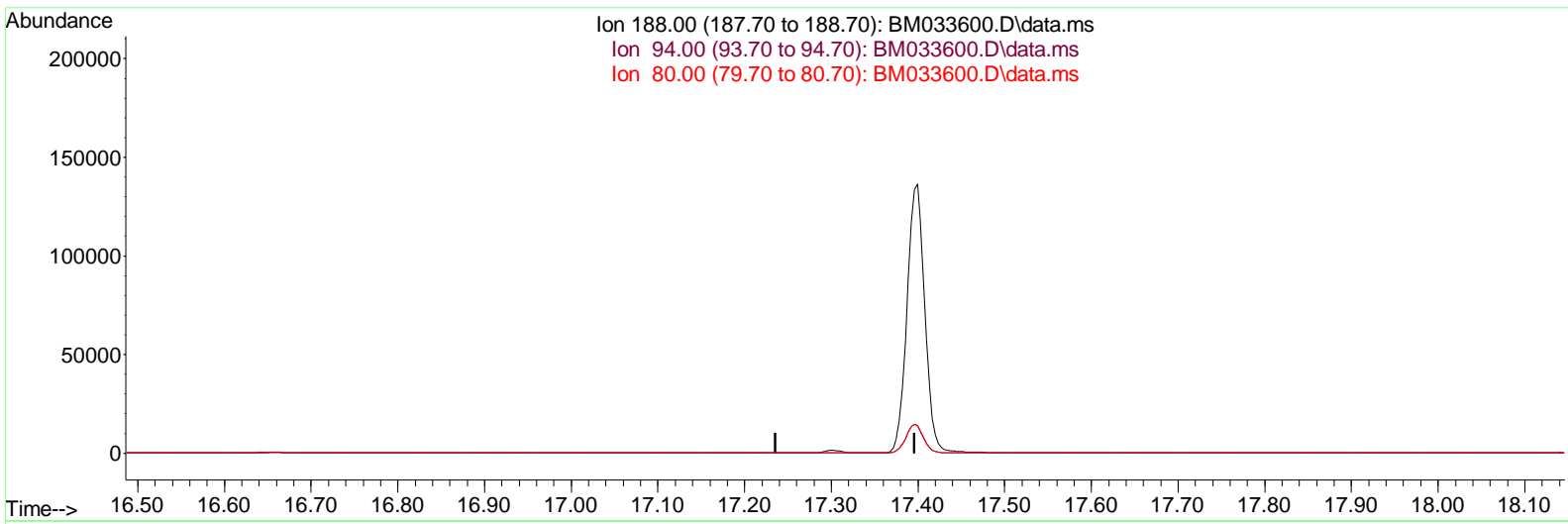
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033600.D
 Acq On : 23 Dec 2021 06:38
 Operator : CG/JU
 Sample : M5090-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG3F5

Manual Integrations APPROVED

Quant Time: Dec 23 07:46:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 12:43:31 2021
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/29/2021



TIC: BM033600.D\data.ms

(13) Phenanthrene-d10 (I)

17.316min (-17.316) 0.00 ng/ul

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	13.30	0.00#
80.00	15.50	0.00#
0.00	0.00	0.00

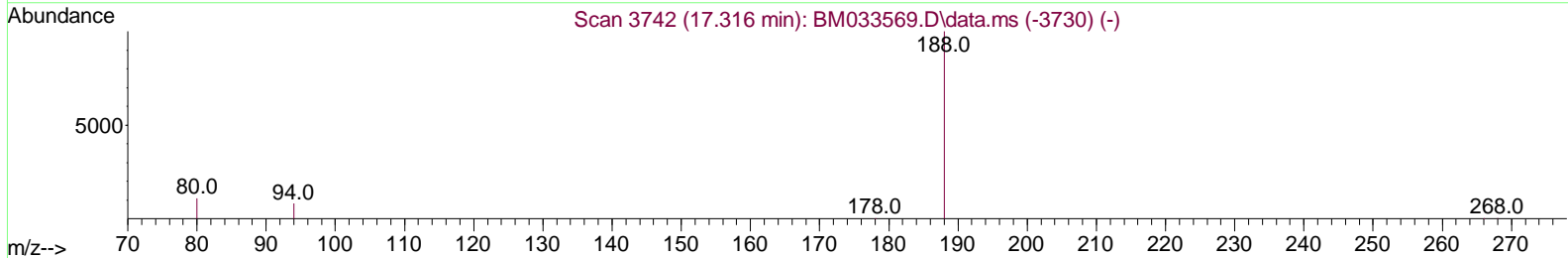
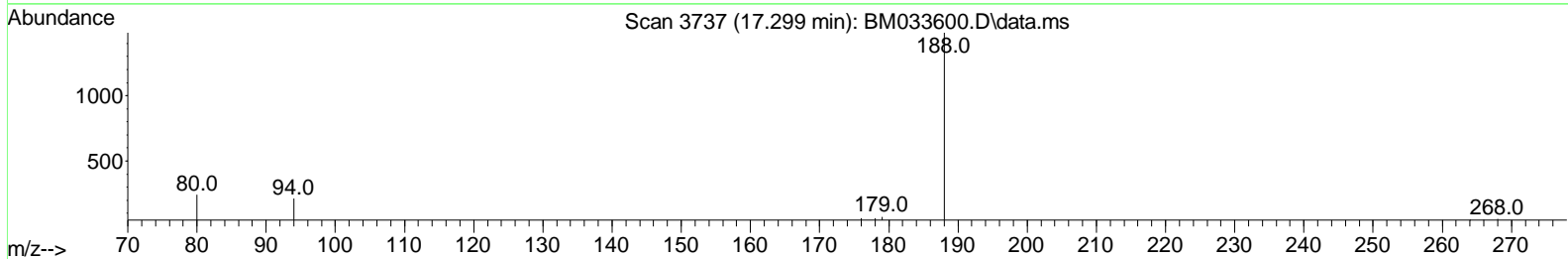
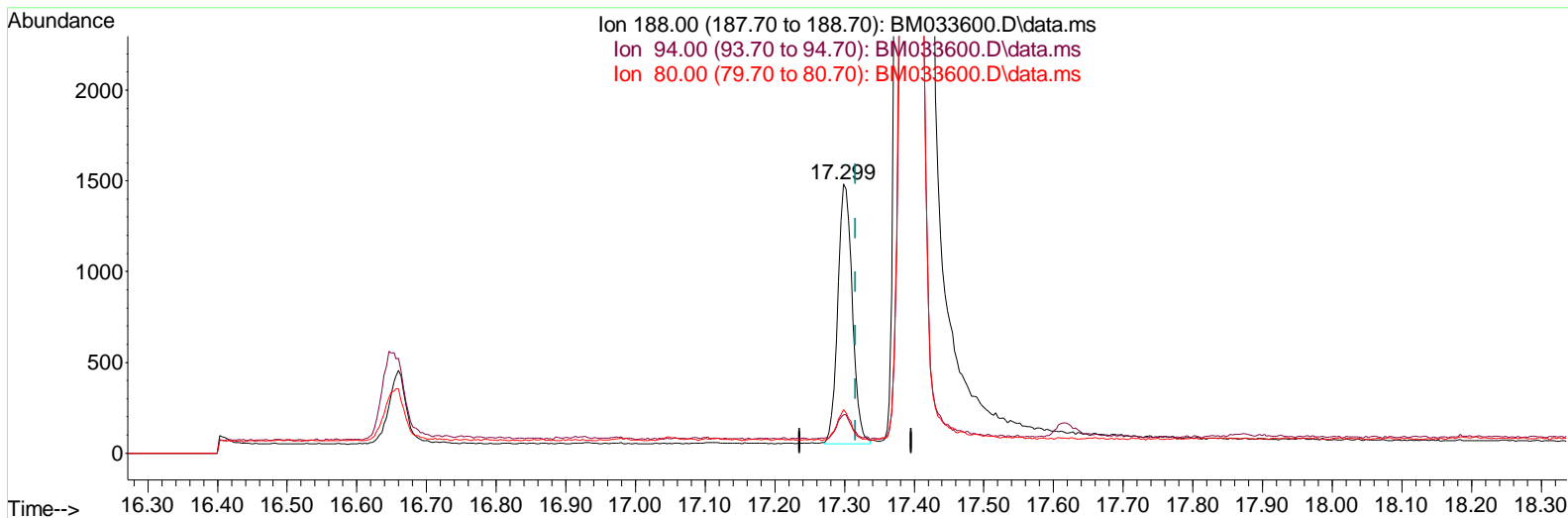
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033600.D
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TIC: BM033600.D\data.ms

(13) Phenanthrene-d10 (I)

17.299min (-0.018) 0.40 ng/ul m

response	2052
Ion	Exp% Act%
188.00	100.00 100.00
94.00	13.30 14.24
80.00	15.50 16.26
0.00	0.00 0.00

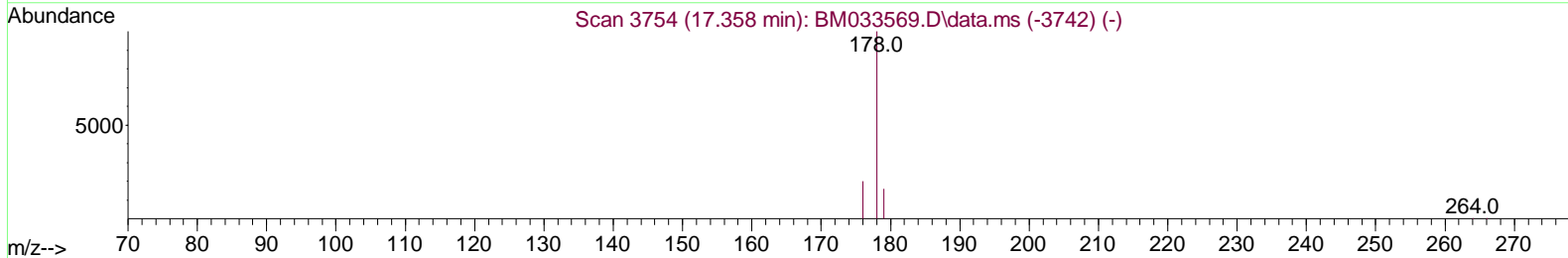
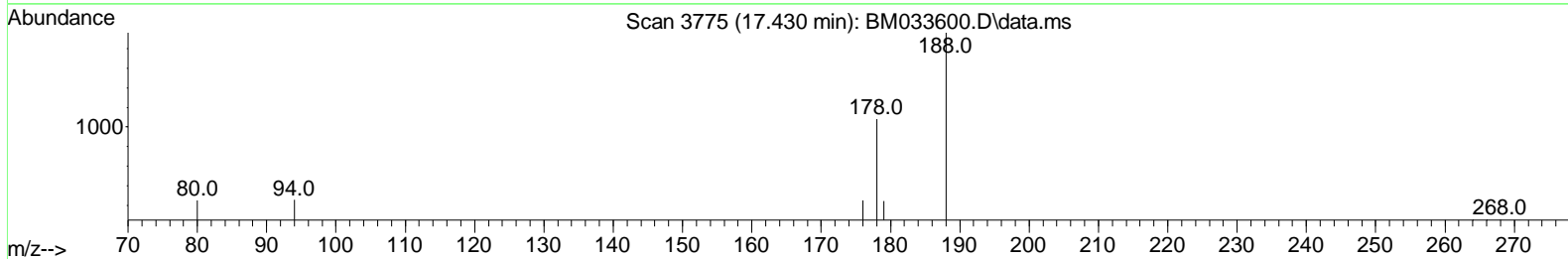
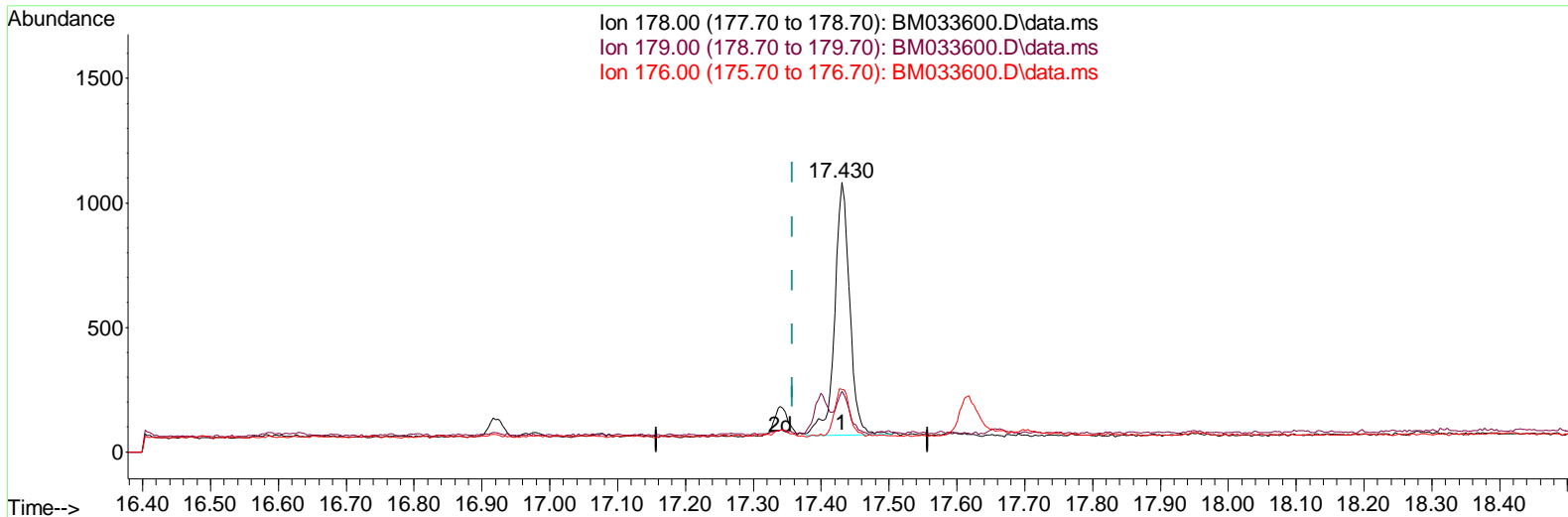
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033600.D
 Acq On : 23 Dec 2021 06:38
 Operator : CG/JU
 Sample : M5090-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM033600.D\data.ms

(15) Phenanthrene

17.430min (+ 0.073) 0.23 ng/ul

response 1562

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.80	22.46
176.00	22.40	23.29
0.00	0.00	0.00

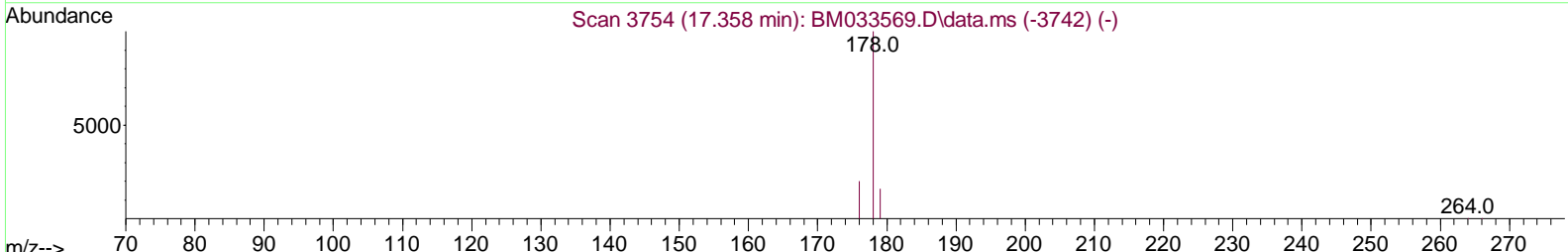
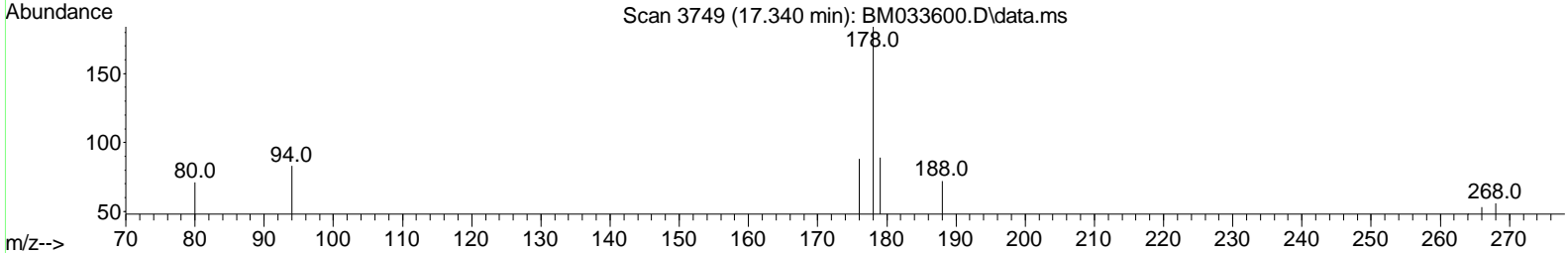
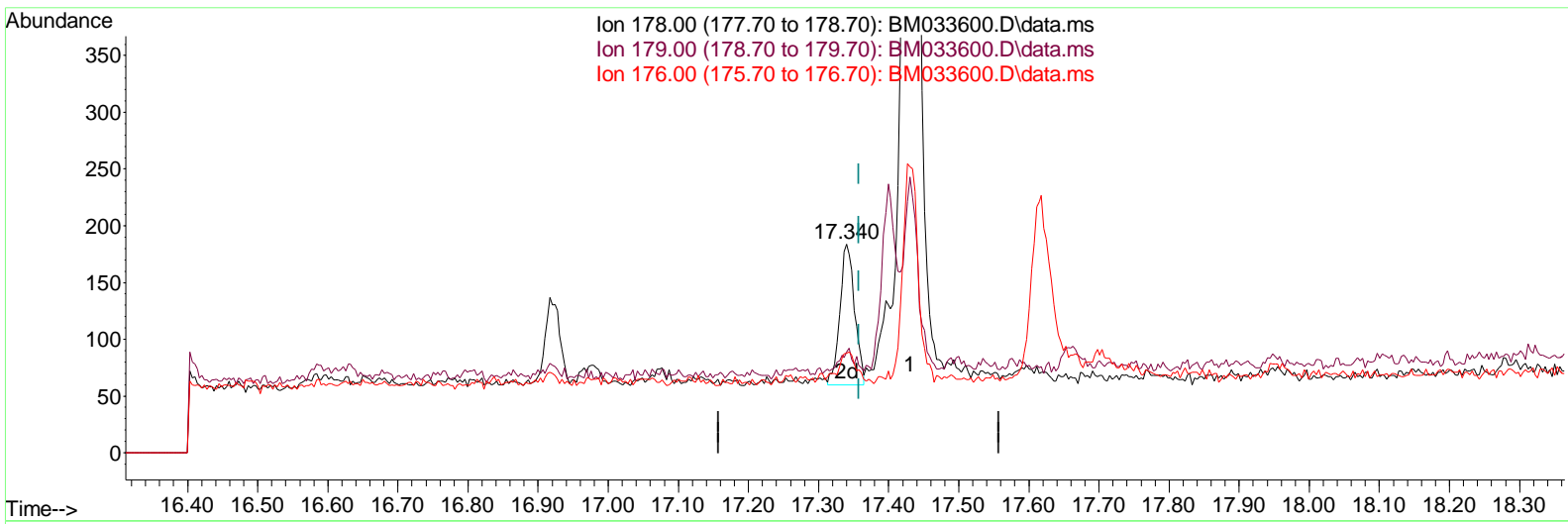
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033600.D
 Acq On : 23 Dec 2021 06:38
 Operator : CG/JU
 Sample : M5090-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
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Manual Integrations APPROVED

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TIC: BM033600.D\data.ms

(15) Phenanthrene

17.340min (-0.017) 0.03 ng/ul m

response 181

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.80	48.37#
176.00	22.40	47.83#
0.00	0.00	0.00

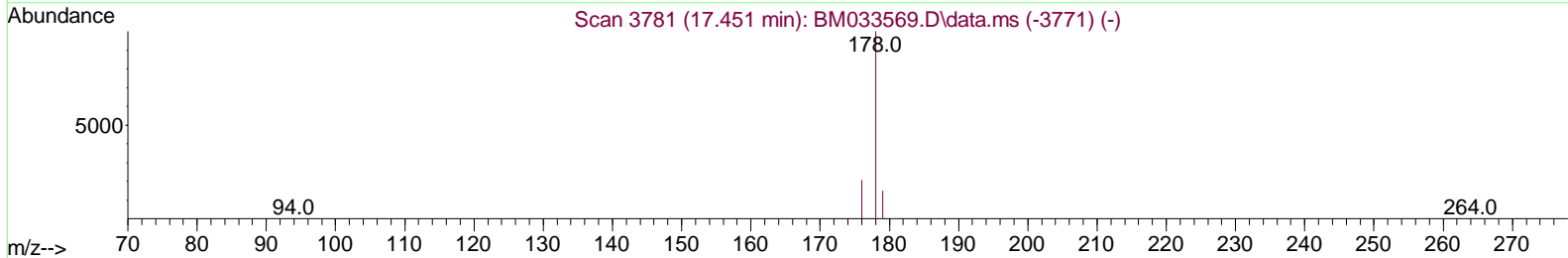
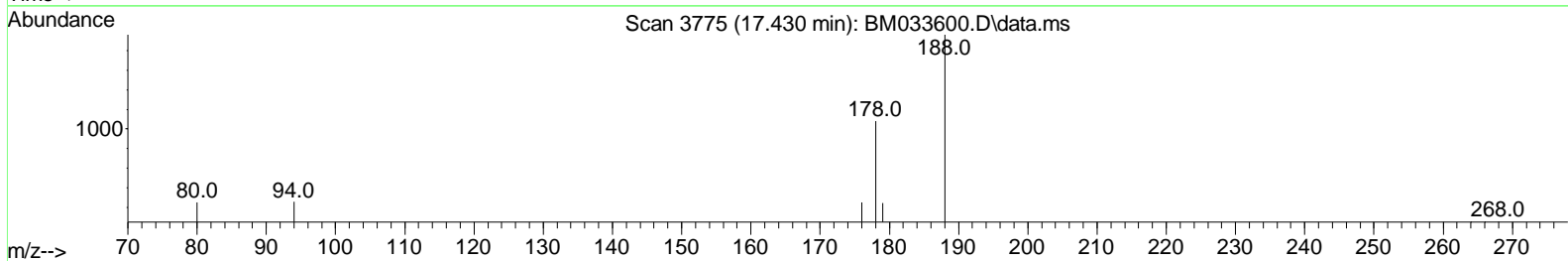
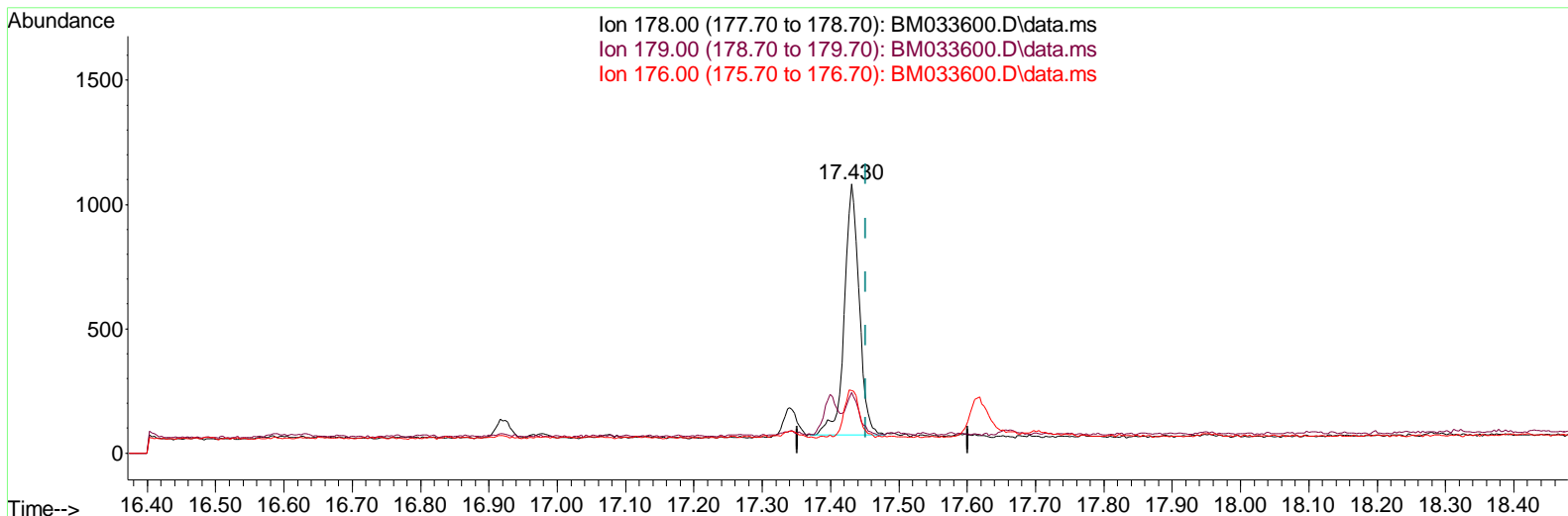
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033600.D
 Acq On : 23 Dec 2021 06:38
 Operator : CG/JU
 Sample : M5090-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG3F5

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TIC: BM033600.D\data.ms

(16) Anthracene

17.430min (-0.021) 0.24 ng/ul

response 1525

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	20.60	22.46
176.00	22.90	23.29
0.00	0.00	0.00

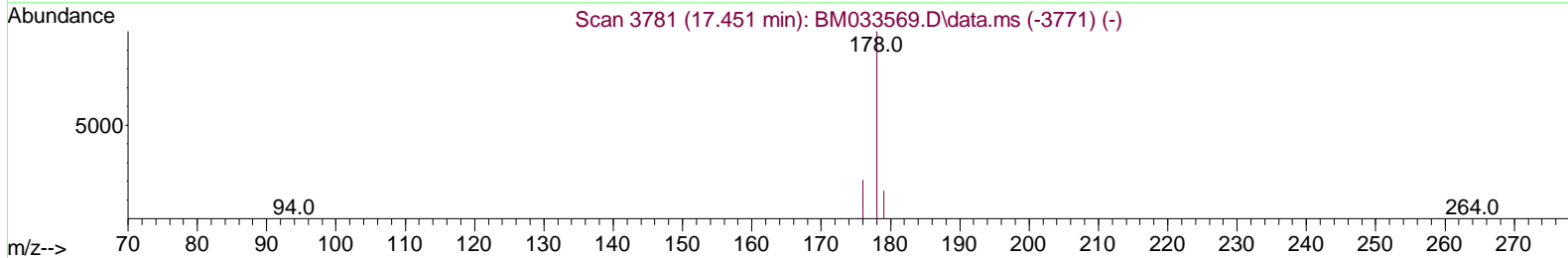
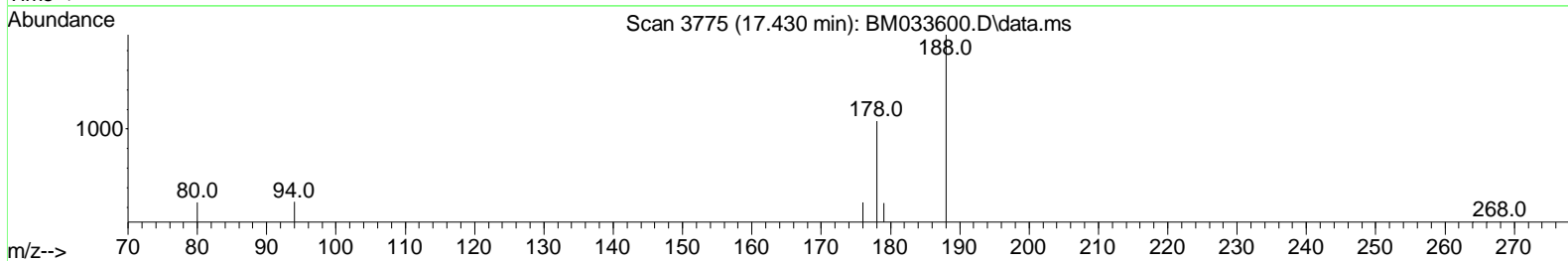
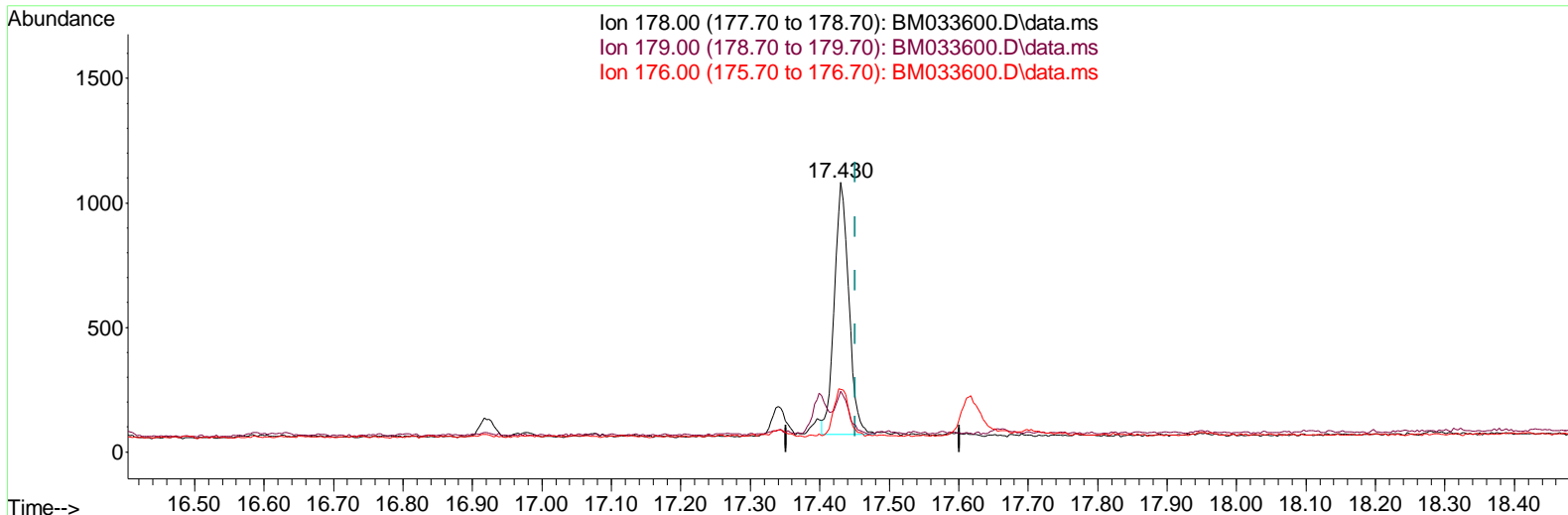
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033600.D
 Acq On : 23 Dec 2021 06:38
 Operator : CG/JU
 Sample : M5090-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BG3F5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/29/2021

Quant Time: Dec 23 07:46:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
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TIC: BM033600.D\data.ms

(16) Anthracene

17.430min (-0.021) 0.24 ng/ul m

response 1470

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	20.60	22.46
176.00	22.90	23.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BMO33600.D
 Acq On : 23 Dec 2021 06:38
 Operator : CG/JU
 Sample : M5090-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BG3F5

Manual Integrations APPROVED

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Quant Time: Dec 23 07:46:41 2021
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Compound	R. T.	QI on	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.915	152	462	0.400	ng/ul	0.00	
4) Naphthalene-d8	10.715	136	1182	0.400	ng/ul	-0.02	
9) Acenaphthene-d10	14.560	164	870	0.400	ng/ul	0.00	
13) Phenanthrene-d10	17.299	188	2052m	0.400	ng/ul	-0.02	
17) Chrysene-d12	21.479	240	2571	0.400	ng/ul	-0.01	
23) Perylene-d12	23.868	264	2779	0.400	ng/ul	#-0.02	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.330	96	1619	4.105	ng/ul	0.00	
6) 2-Methylnaphthalene-d10	12.326	152	605	0.383	ng/ul	0.00	
18) Fluoranthene-d10	19.326	212	2602	0.438	ng/ul	0.00	
Target Compounds							
							Qvalue
5) Naphthalene	10.765	128	303	0.078	ng/ul #		64
8) 1-Methylnaphthalene	12.609	142	107	0.043	ng/ul		98
11) Acenaphthene	14.625	153	95	0.027	ng/ul #		88
12) Fluorene	15.603	166	197	0.050	ng/ul #		87
14) Pentachlorophenol	16.952	266	39	0.038	ng/ul #		89
15) Phenanthrene	17.340	178	181m	0.027	ng/ul		
16) Anthracene	17.430	178	1470m	0.235	ng/ul		
19) Fluoranthene	19.357	202	226	0.029	ng/ul #		32
20) Pyrene	19.715	202	291	0.035	ng/ul #		1
21) Benzo(a)anthracene	21.467	228	263	0.037	ng/ul #		54
22) Chrysene	21.520	228	258	0.032	ng/ul #		63
24) Benzo(b)fluoranthene	23.143	252	269	0.031	ng/ul #		1
25) Benzo(k)fluoranthene	23.189	252	246	0.027	ng/ul #		1
29) Benzo(g,h,i)perylene	27.119	276	205	0.021	ng/ul #		20

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

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