

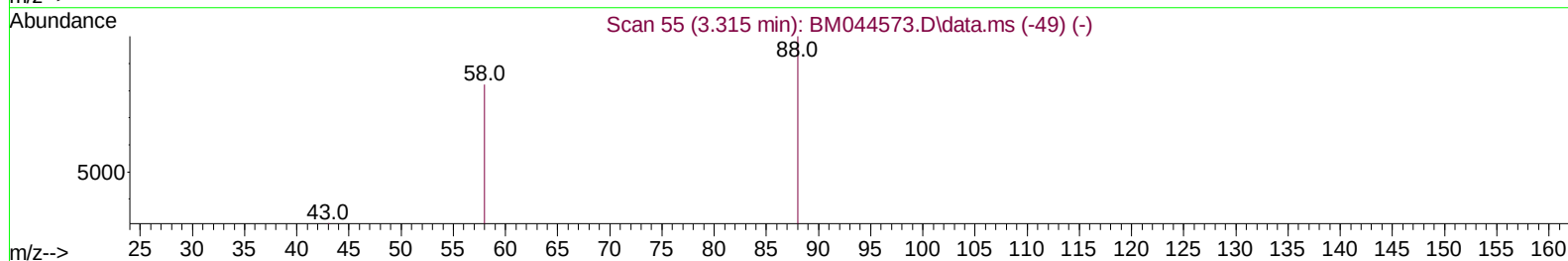
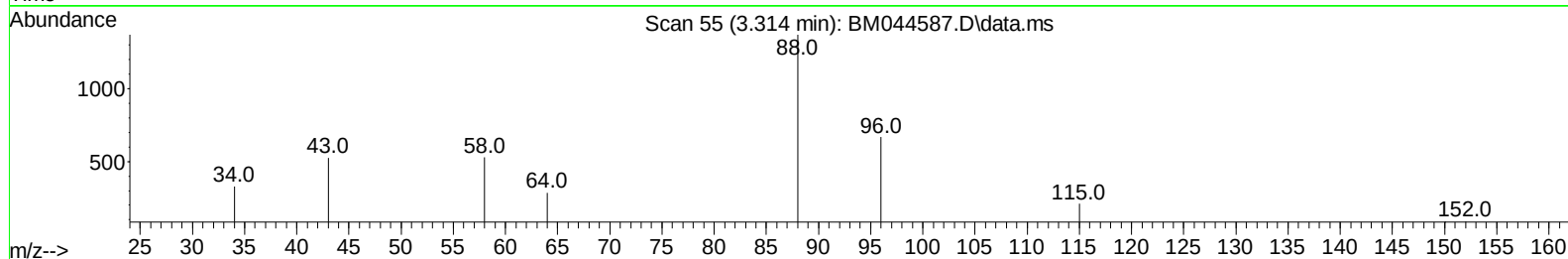
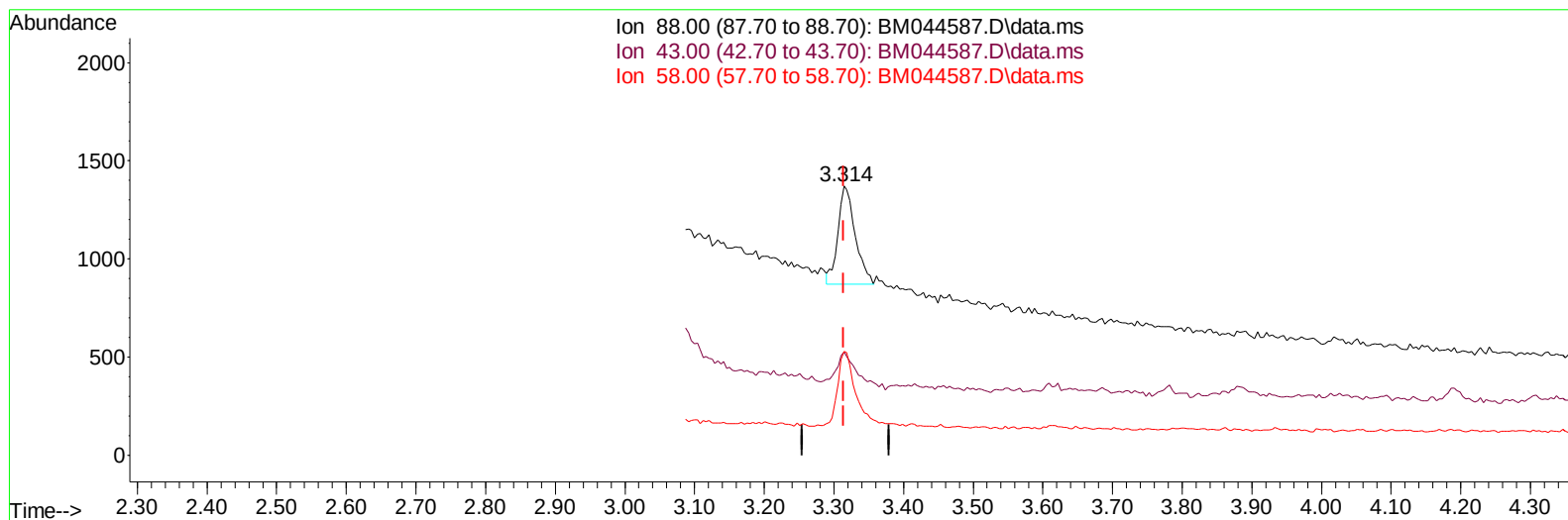
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031224\
Data File : BM044587.D
Acq On : 12 Mar 2024 11:50
Operator : MA/JU
Sample : P1601-04
Misc : SFAM-SIM-MDL-SOIL-02
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Quant Time: Mar 12 12:27:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 14:02:17 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



TIC: BM044587.D\data.ms

(2) 1,4-Dioxane

3.314min (-0.000) 0.11 ng/u1

response 863

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	26.70	38.37#
58.00	44.50	38.51
0.00	0.00	0.00

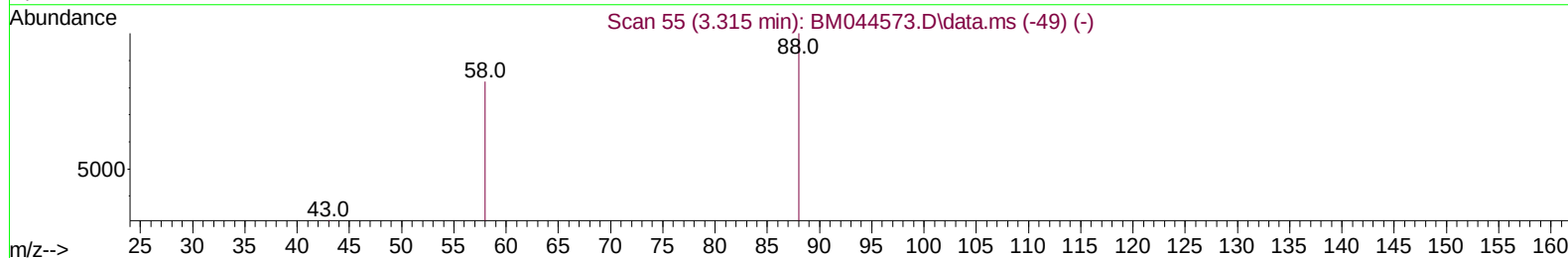
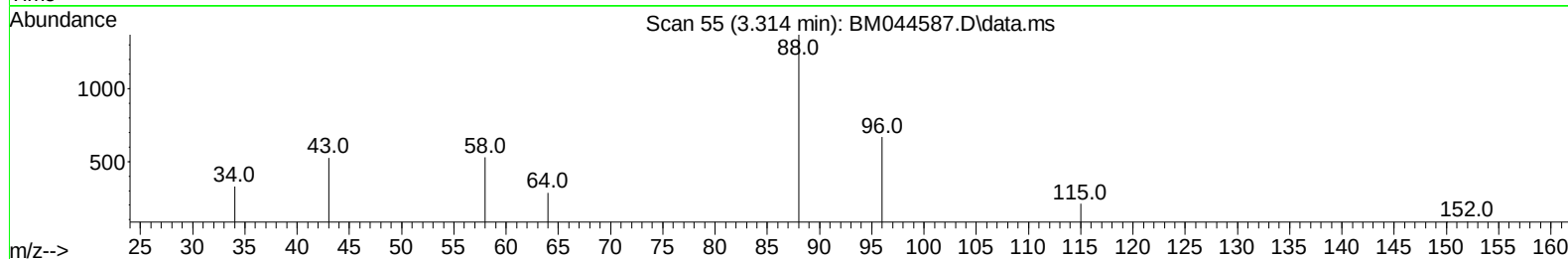
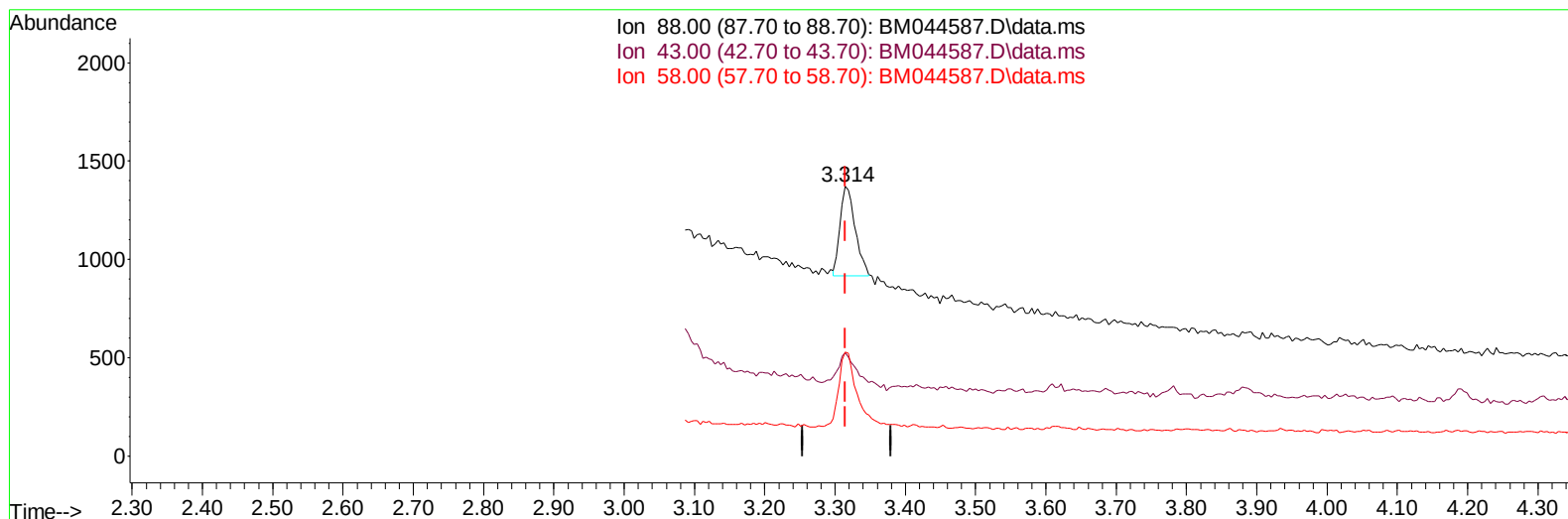
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TIC: BM044587.D\data.ms

(2) 1,4-Dioxane

3.314min (-0.000) 0.09 ng/ul m

response 680

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	26.70	38.37#
58.00	44.50	38.51
0.00	0.00	0.00

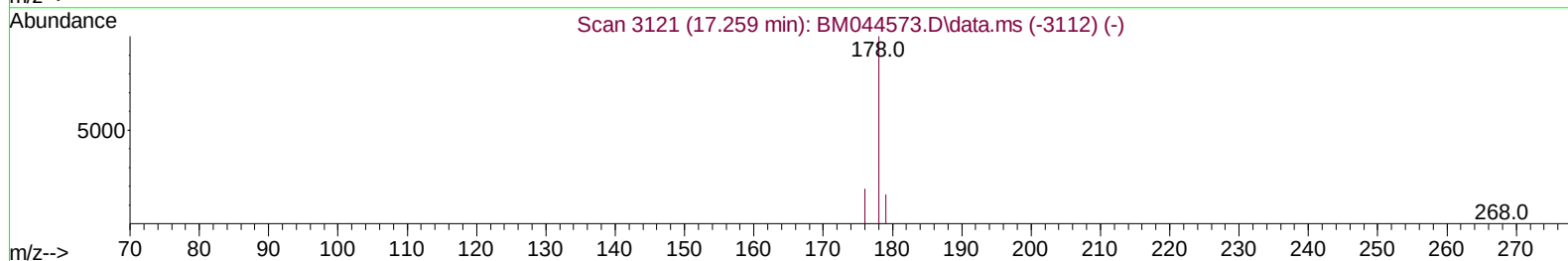
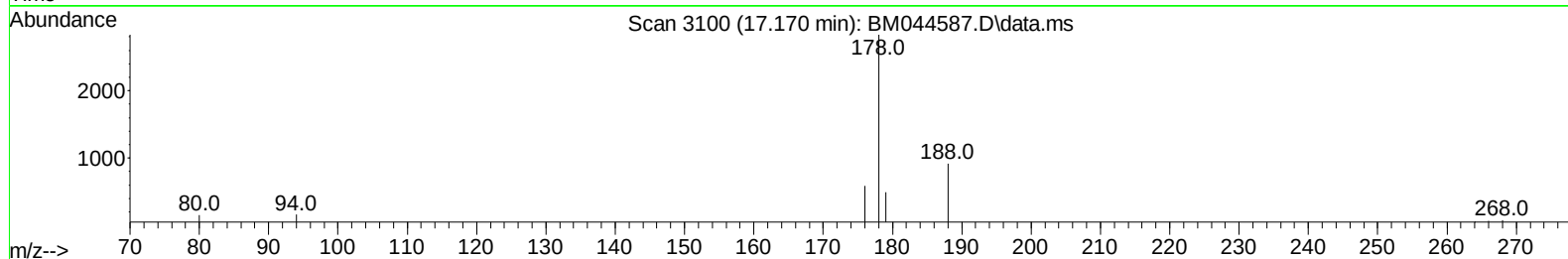
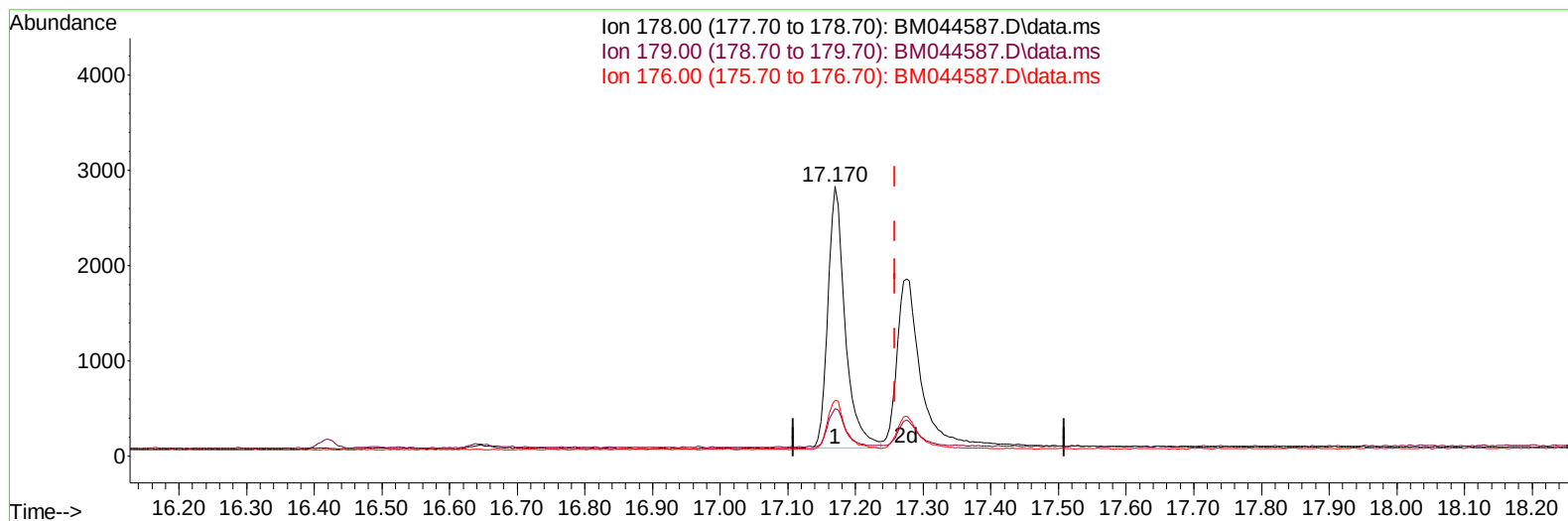
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Data File : BM044587.D
Acq On : 12 Mar 2024 11:50
Operator : MA/JU
Sample : P1601-04
Misc : SFAM-SIM-MDL-SOIL-02
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM044587.D\data.ms

(16) Anthracene

17.170min (-0.089) 0.07 ng/uL

response 4888

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.00	17.56
176.00	19.00	20.66
0.00	0.00	0.00

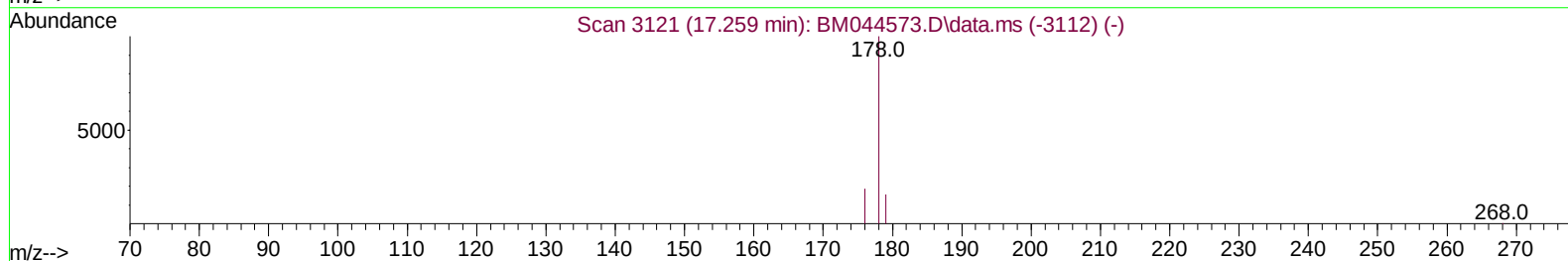
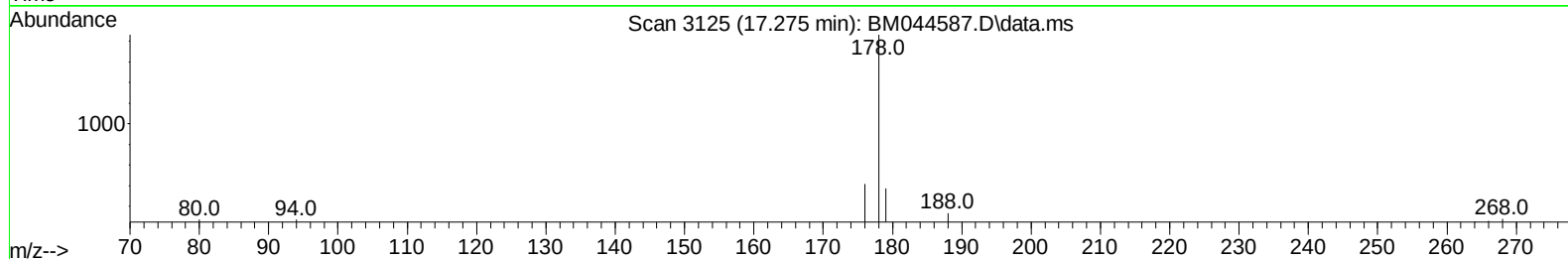
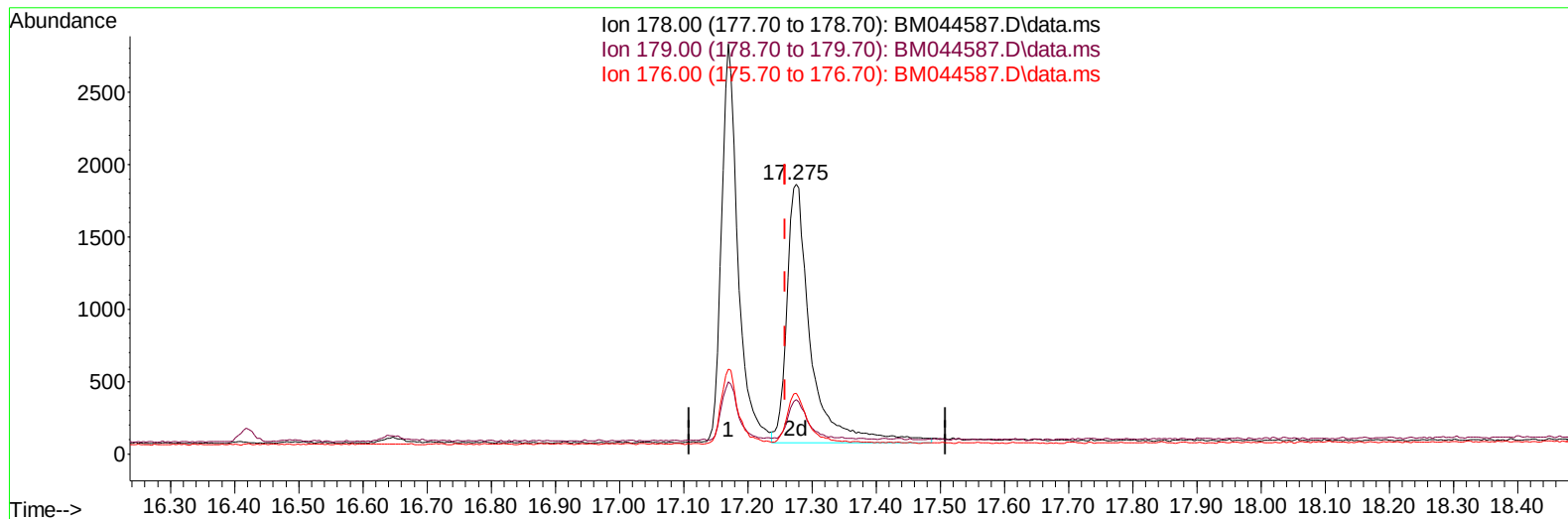
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031224\
Data File : BM044587.D
Acq On : 12 Mar 2024 11:50
Operator : MA/JU
Sample : P1601-04
Misc : SFAM-SIM-MDL-SOIL-02
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

Quant Time: Mar 12 12:27:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM044587.D\data.ms

(16) Anthracene

17.275min (+ 0.017) 0.07 ng/ul m

response 4649

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.00	20.20#
176.00	19.00	22.46
0.00	0.00	0.00

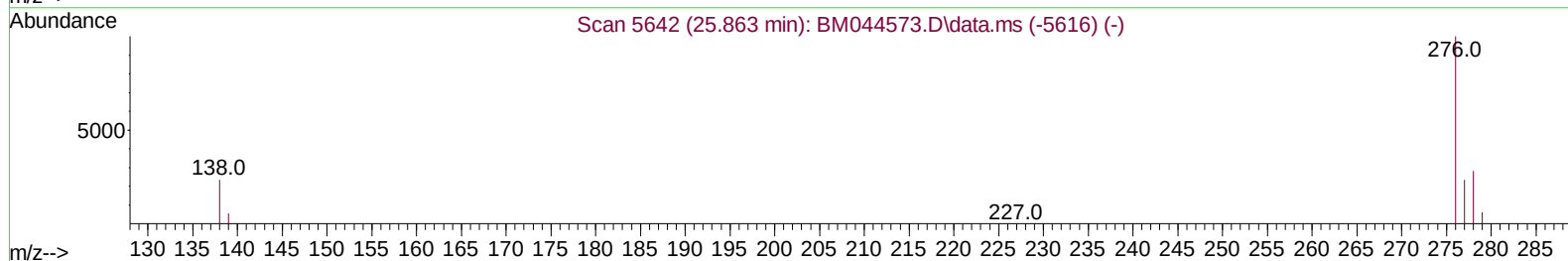
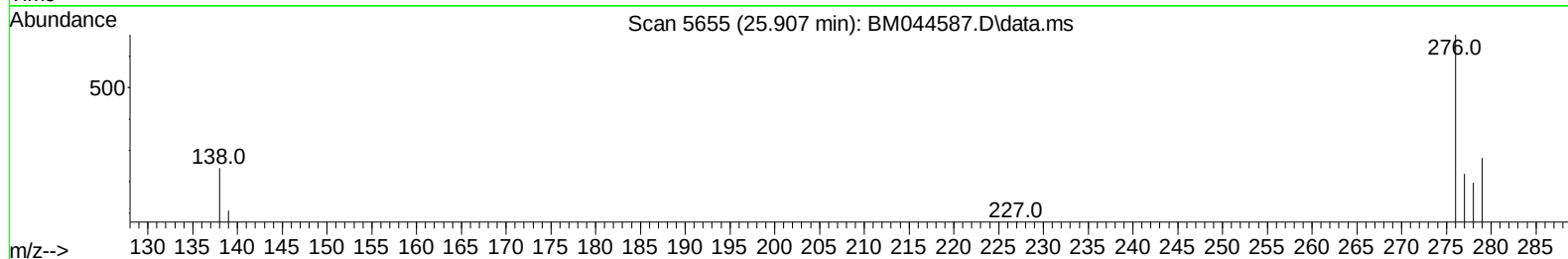
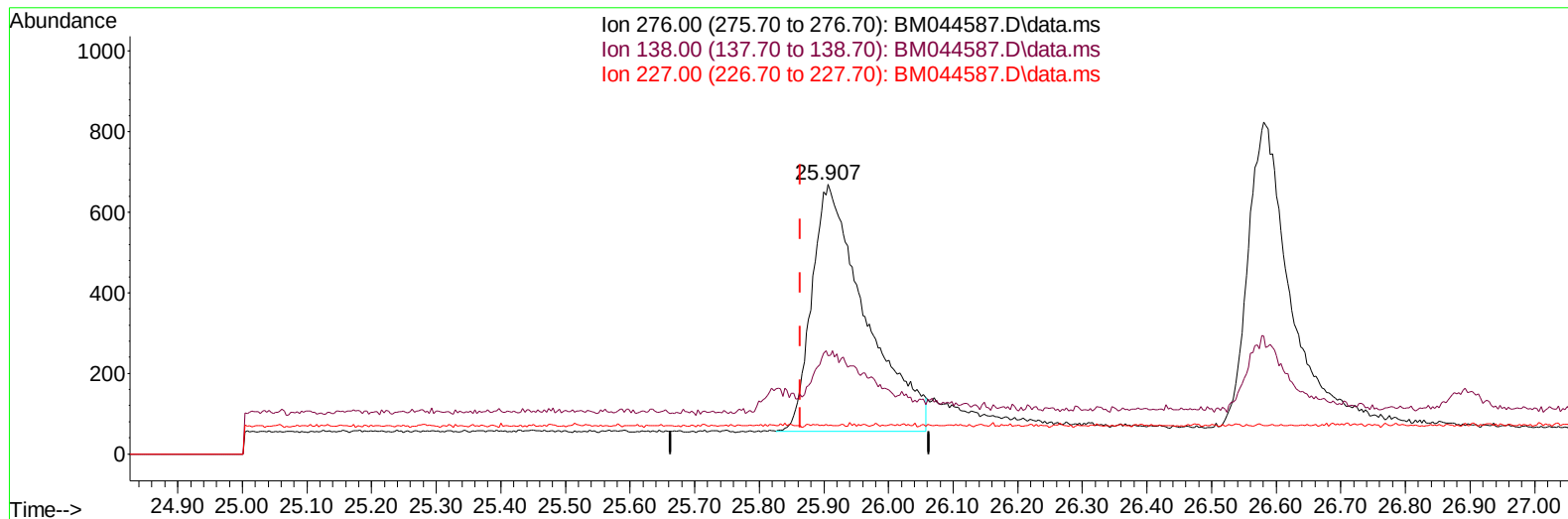
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031224\
Data File : BM044587.D
Acq On : 12 Mar 2024 11:50
Operator : MA/JU
Sample : P1601-04
Misc : SFAM-SIM-MDL-SOIL-02
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Quant Time: Mar 12 12:27:55 2024
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TIC: BM044587.D\data.ms

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

25.907min (+ 0.043) 0.06 ng/u1

response 3540

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.40	21.50#
227.00	0.00	0.00
0.00	0.00	0.00

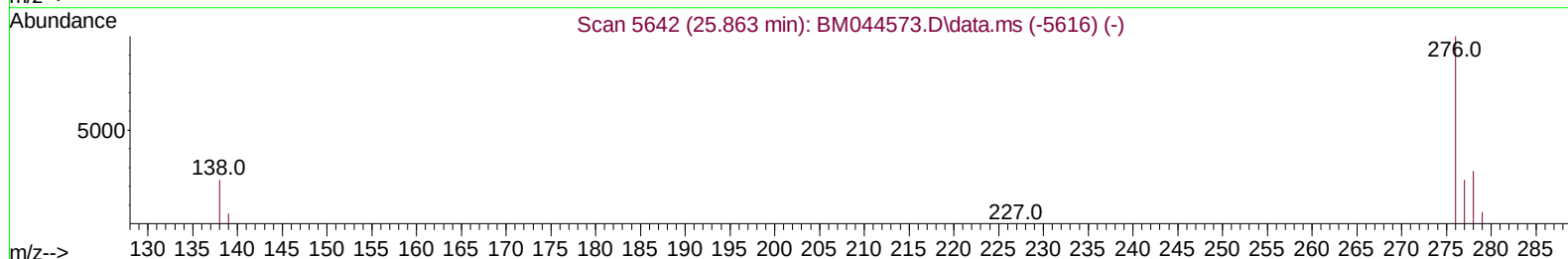
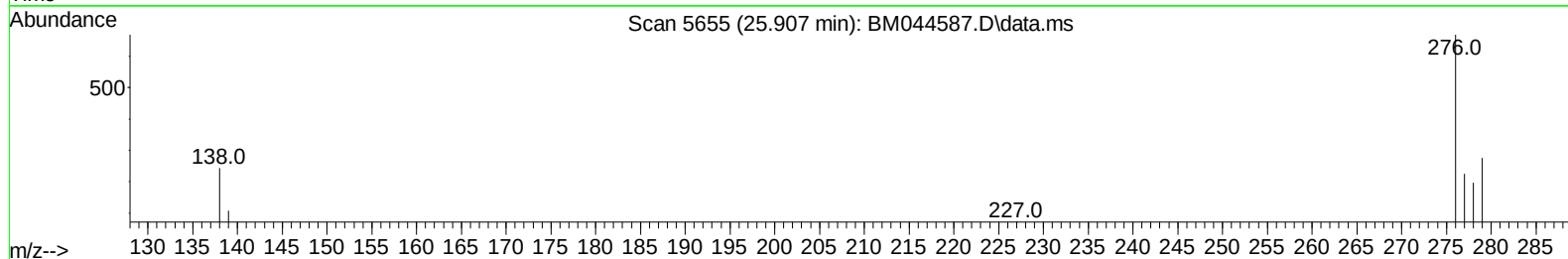
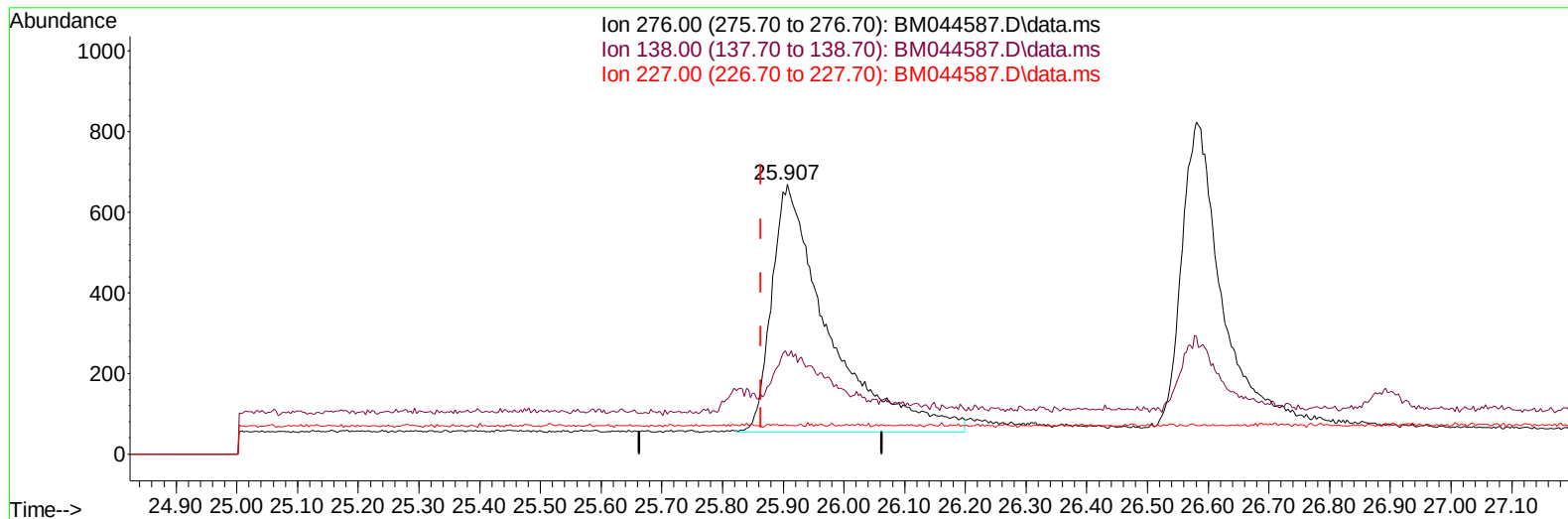
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031224\
Data File : BM044587.D
Acq On : 12 Mar 2024 11:50
Operator : MA/JU
Sample : P1601-04
Misc : SFAM-SIM-MDL-SOIL-02
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

Quant Time: Mar 12 12:27:55 2024
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TIC: BM044587.D\data.ms

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

25.907min (+ 0.043) 0.07 ng/ul m

response 3987

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.40	19.09#
227.00	0.00	0.00
0.00	0.00	0.00

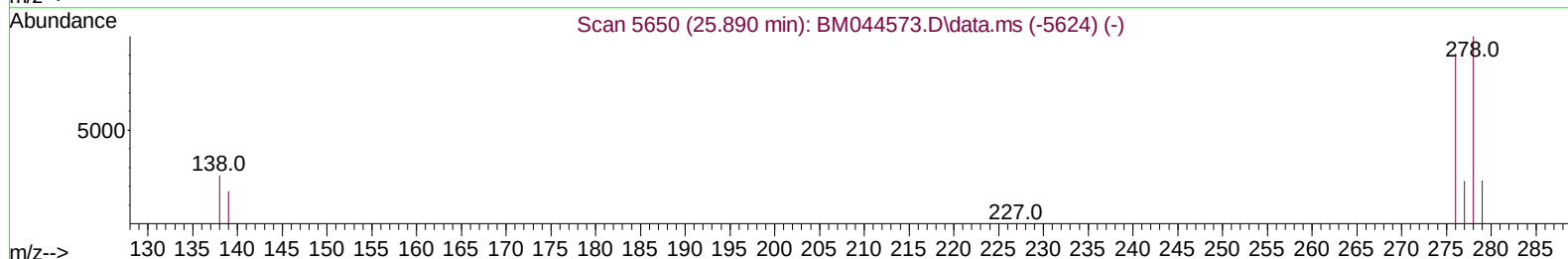
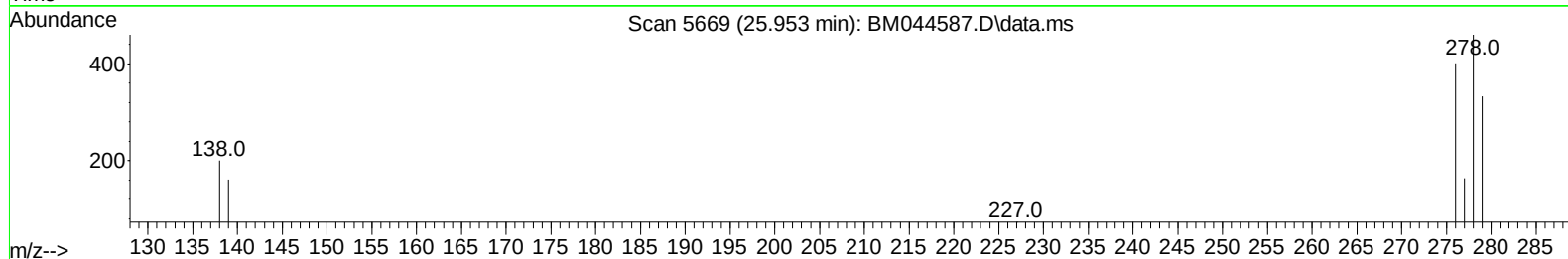
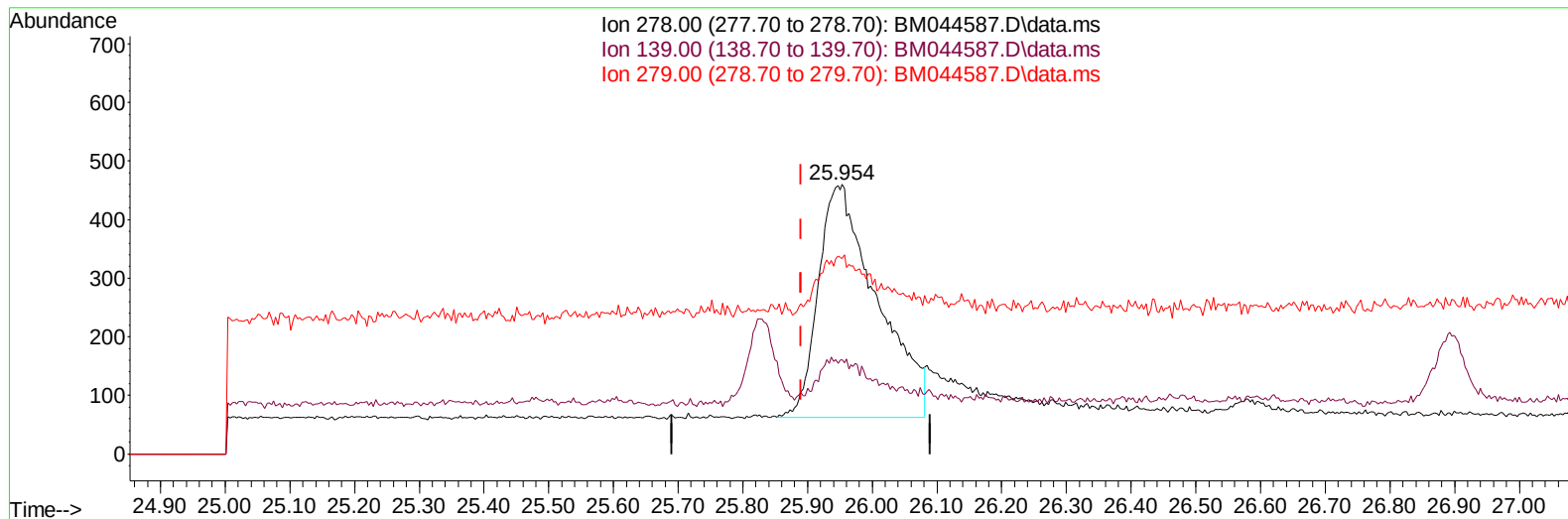
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Misc : SFAM-SIM-MDL-SOIL-02
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Instrument :
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TIC: BM044587.D\data.ms

(28) Dibenzo(a,h)anthracene

25.953min (+ 0.063) 0.05 ng/u1

response 2509

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	35.00#
279.00	30.10	72.39#
0.00	0.00	0.00

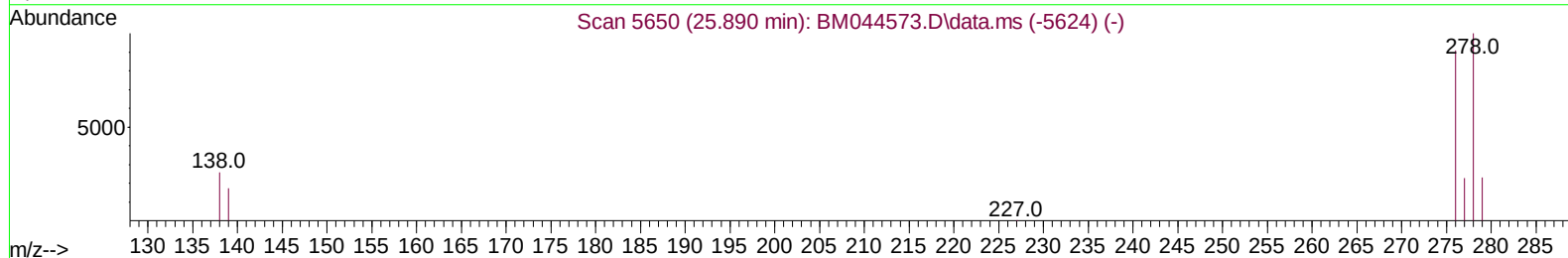
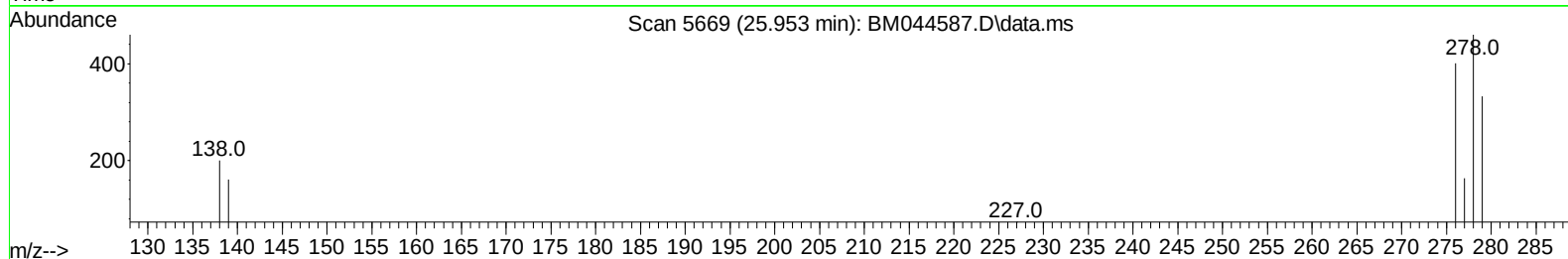
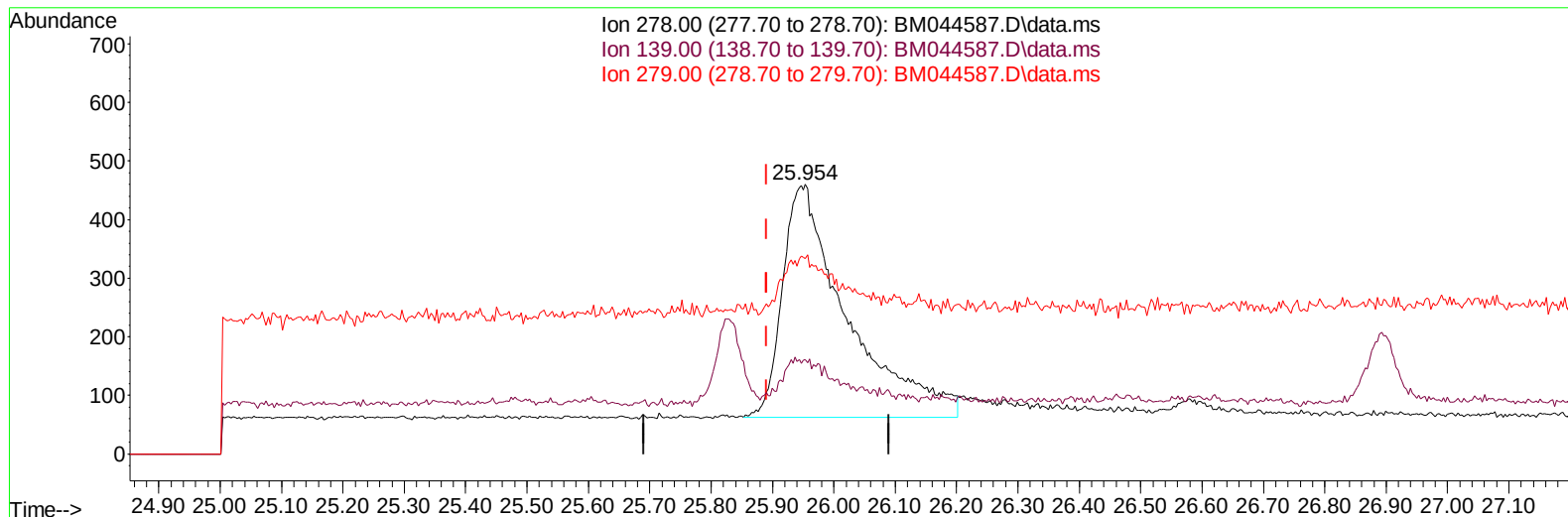
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031224\
Data File : BM044587.D
Acq On : 12 Mar 2024 11:50
Operator : MA/JU
Sample : P1601-04
Misc : SFAM-SIM-MDL-SOIL-02
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

Quant Time: Mar 12 12:27:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 14:02:17 2024
Response via : Initial Calibration



TIC: BM044587.D\data.ms

(28) Dibenzo(a,h)anthracene

25.953min (+ 0.063) 0.06 ng/ul m

response 2912

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	35.00#
279.00	30.10	72.39#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031224\
 Data File : BM044587.D
 Acq On : 12 Mar 2024 11:50
 Operator : MA/JU
 Sample : P1601-04
 Misc : SFAM-SIM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5659	0.400	ng/ul	0.00
4) Naphthalene-d8	10.512	136	18772	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.367	164	10857	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.128	188	24364	0.400	ng/ul	0.00
17) Chrysene-d12	21.324	240	15042	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	14968	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	3052	0.411	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	10467	0.388	ng/ul	0.01
18) Fluoranthene-d10	19.159	212	22292	0.422	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	680m	0.090	ng/ul	
5) Naphthalene	10.562	128	3611	0.068	ng/ul#	90
7) 2-Methylnaphthalene	12.189	142	2274	0.068	ng/ul	98
8) 1-Methylnaphthalene	12.404	142	2355	0.070	ng/ul	99
10) Acenaphthylene	14.089	152	3734	0.068	ng/ul#	94
11) Acenaphthene	14.432	153	2749	0.069	ng/ul	99
12) Fluorene	15.436	166	3100	0.068	ng/ul	98
14) Pentachlorophenol	16.790	266	374	0.064	ng/ul	97
15) Phenanthrene	17.170	178	4888	0.067	ng/ul	97
16) Anthracene	17.275	178	4649m	0.068	ng/ul	
19) Fluoranthene	19.191	202	5254	0.071	ng/ul#	94
20) Pyrene	19.554	202	5351	0.071	ng/ul	95
21) Benzo(a)anthracene	21.318	228	3383	0.059	ng/ul	97
22) Chrysene	21.359	228	4739	0.074	ng/ul	99
24) Benzo(b)fluoranthene	22.905	252	3736	0.065	ng/ul#	46
25) Benzo(k)fluoranthene	22.952	252	4317	0.070	ng/ul#	49
26) Benzo(a)pyrene	23.499	252	3507	0.068	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.907	276	3987m	0.067	ng/ul	
28) Dibenzo(a,h)anthracene	25.953	278	2912m	0.063	ng/ul	
29) Benzo(g,h,i)perylene	26.581	276	3441	0.066	ng/ul#	82

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

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Manual IntegrationsAPPROVED

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