

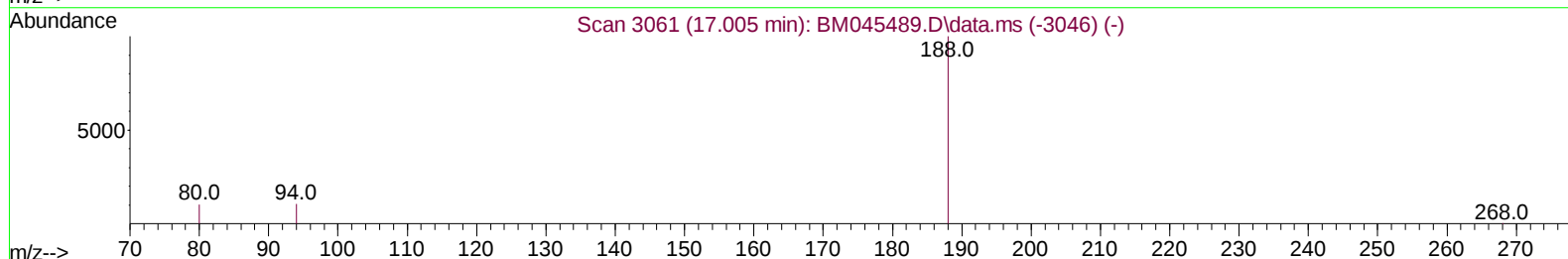
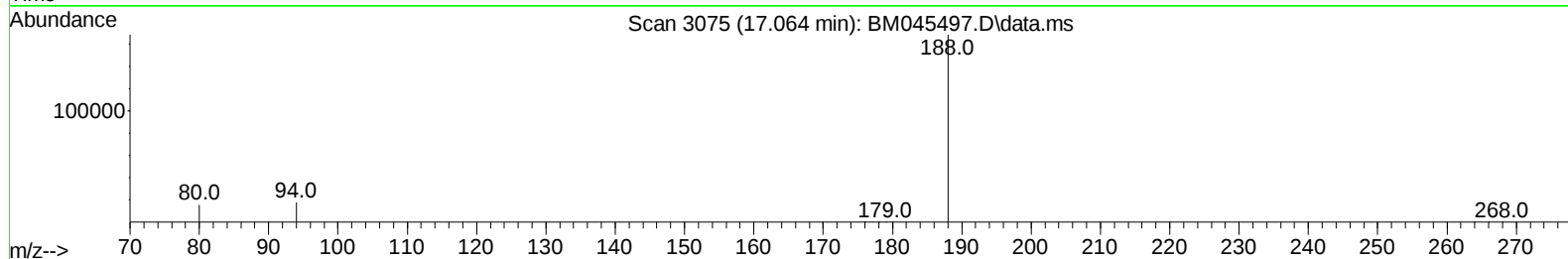
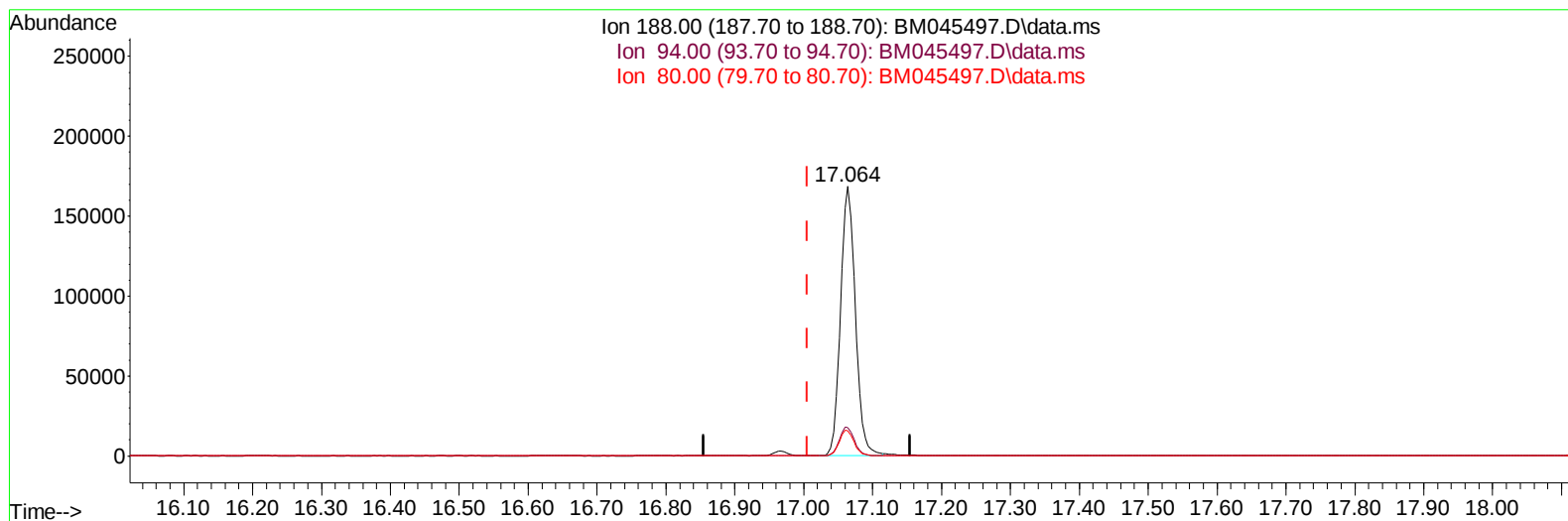
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045497.D
Acq On : 23 Apr 2024 02:04
Operator : MA/JU
Sample : P2037-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY3

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045497.D\data.ms

(13) Phenanthrene-d10 (I)

17.064min (+ 0.059) 0.40 ng/u1

response 252129

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.55#
80.00	14.80	9.30#
0.00	0.00	0.00

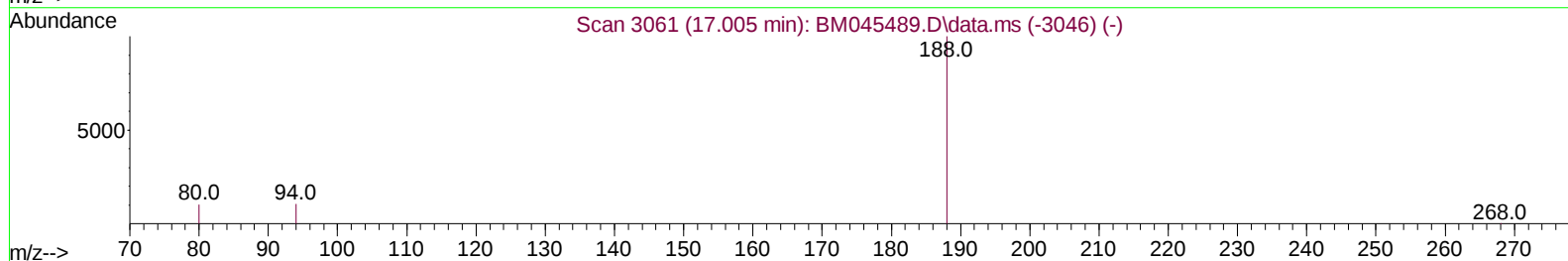
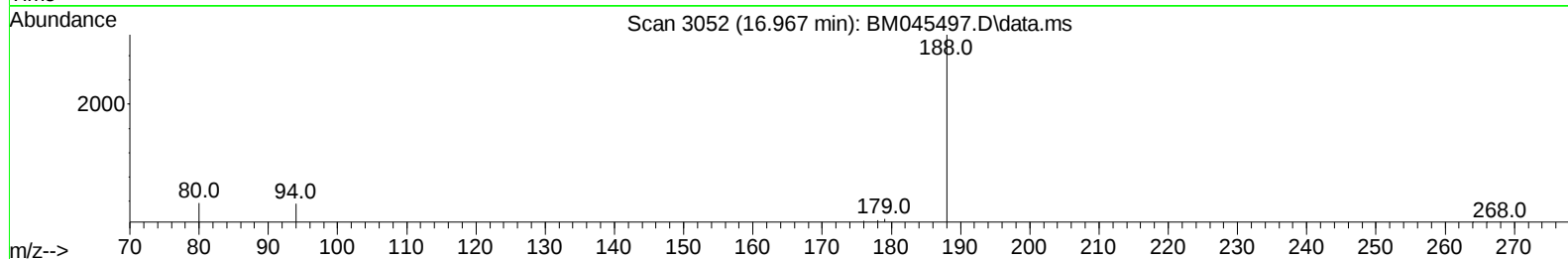
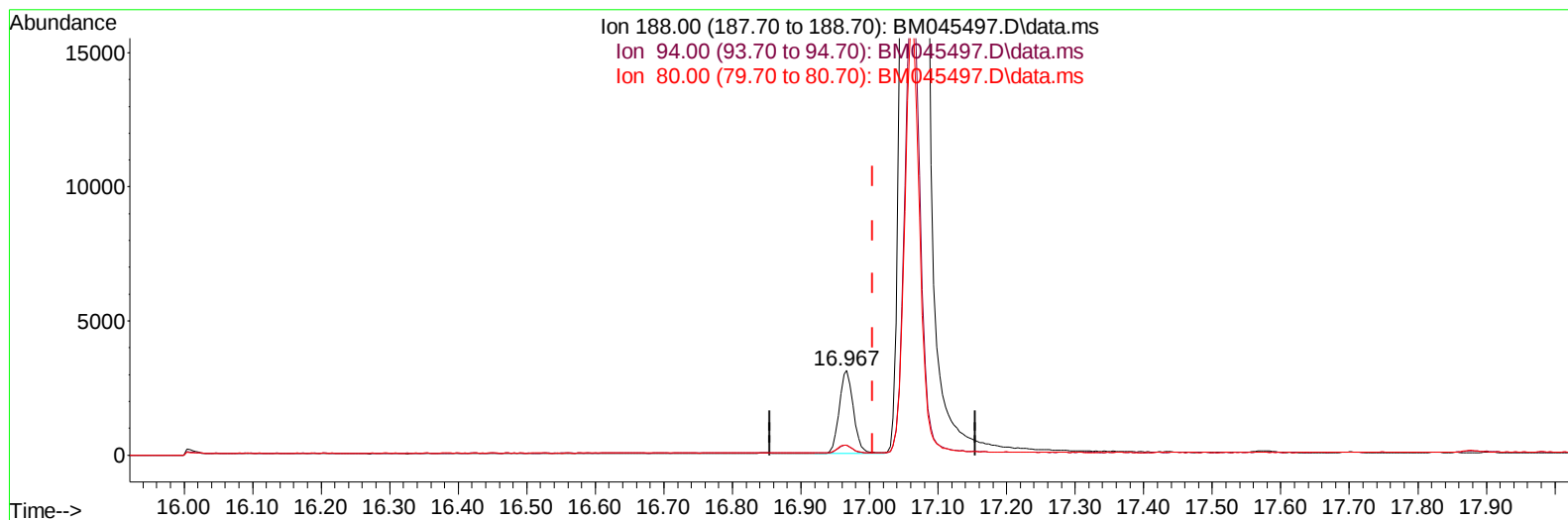
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045497.D
Acq On : 23 Apr 2024 02:04
Operator : MA/JU
Sample : P2037-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY3

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045497.D\data.ms

(13) Phenanthrene-d10 (I)

16.967min (-0.038) 0.40 ng/u1 m

response 4447

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	11.40#
80.00	14.80	11.69#
0.00	0.00	0.00

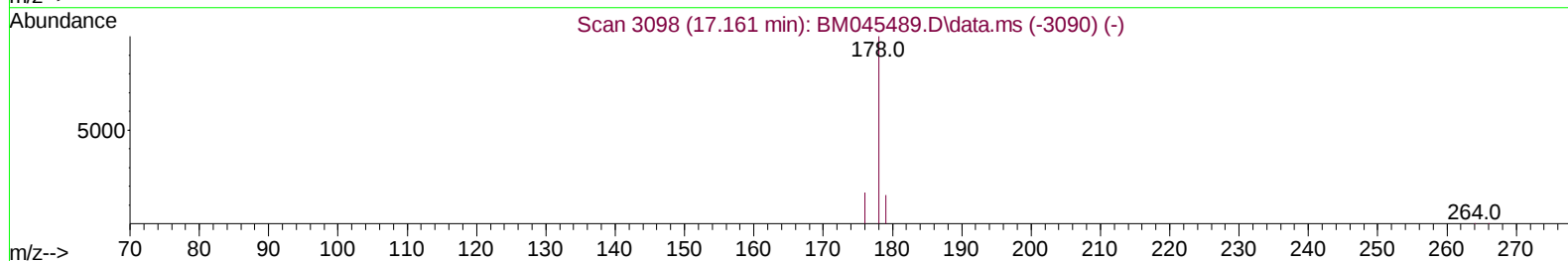
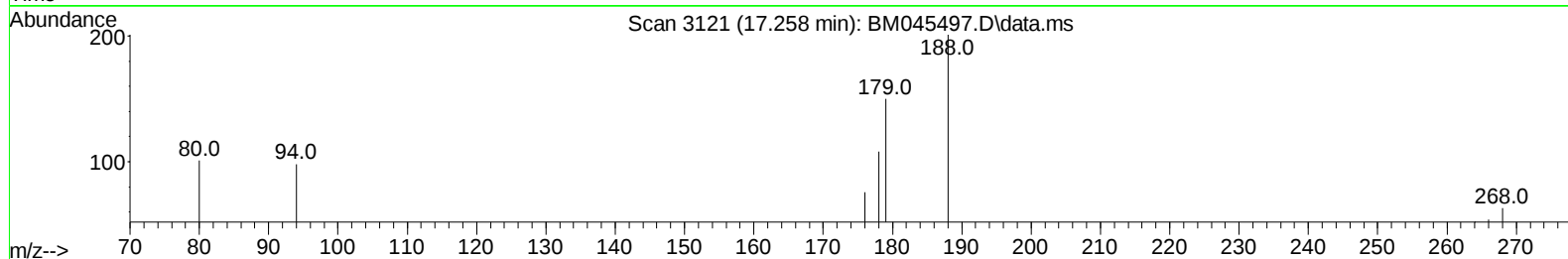
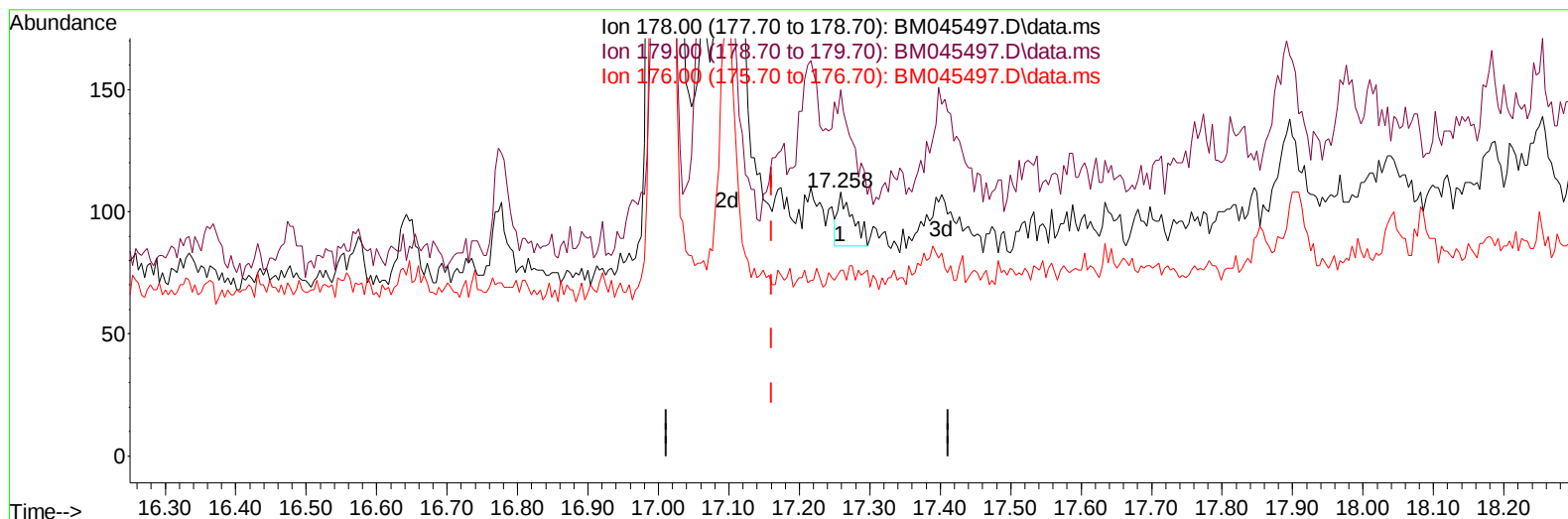
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045497.D
Acq On : 23 Apr 2024 02:04
Operator : MA/JU
Sample : P2037-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY3

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045497.D\data.ms

(16) Anthracene

17.258min (+ 0.097) 0.00 ng/u1

response 32

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	138.89#
176.00	23.40	70.37#
0.00	0.00	0.00

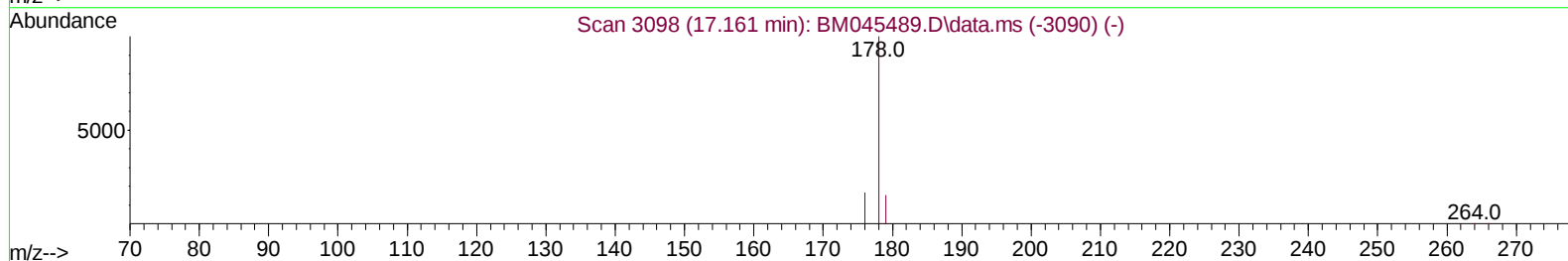
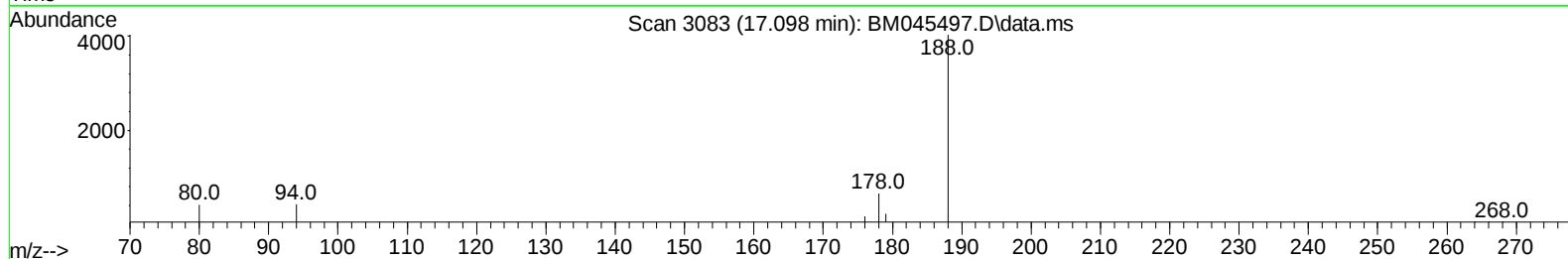
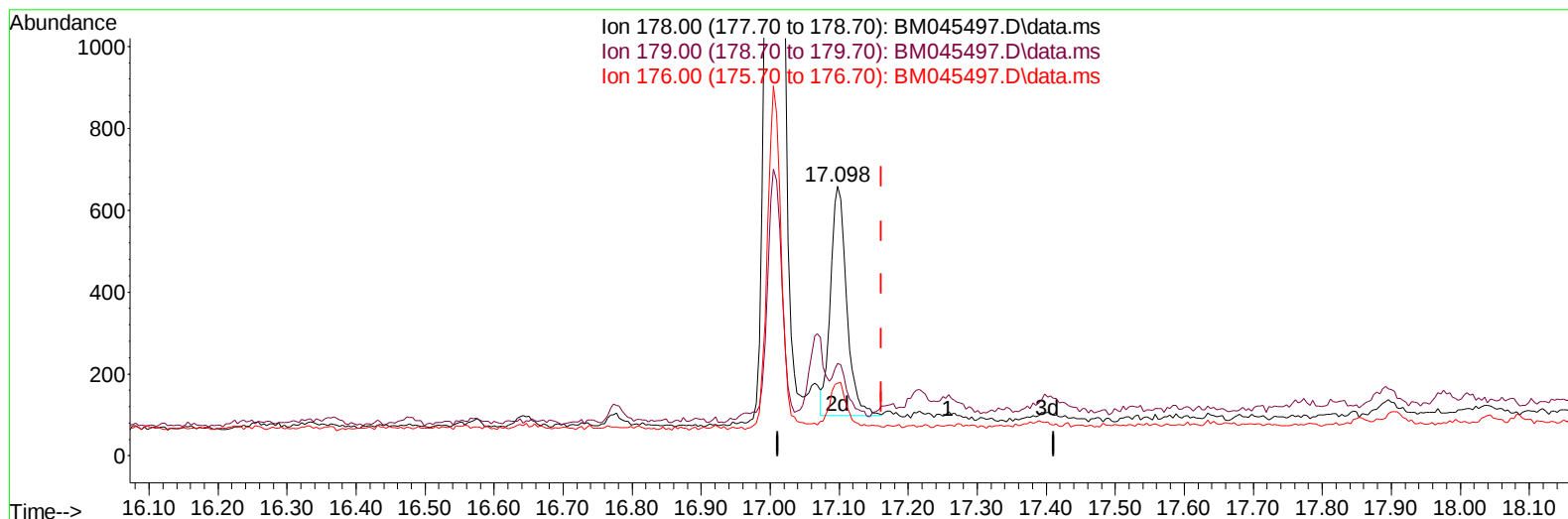
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045497.D
Acq On : 23 Apr 2024 02:04
Operator : MA/JU
Sample : P2037-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY3

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045497.D\data.ms

(16) Anthracene

17.098min (-0.063) 0.08 ng/u1 m

response 910

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	34.19#
176.00	23.40	27.05
0.00	0.00	0.00

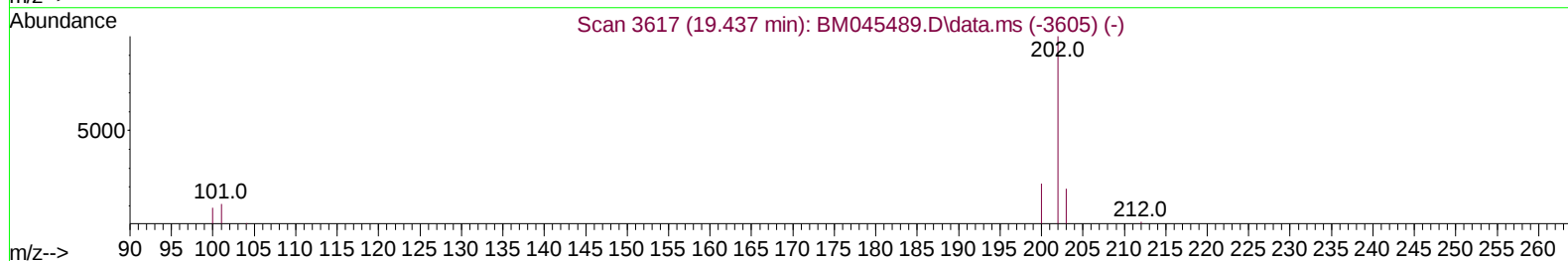
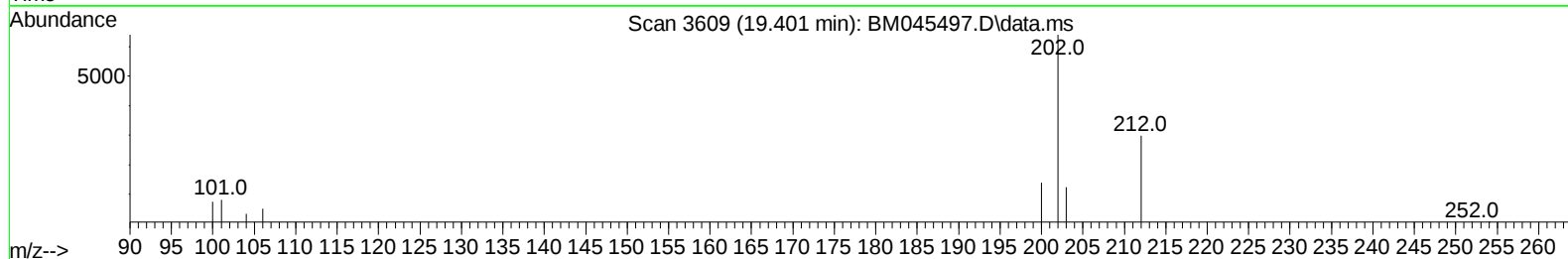
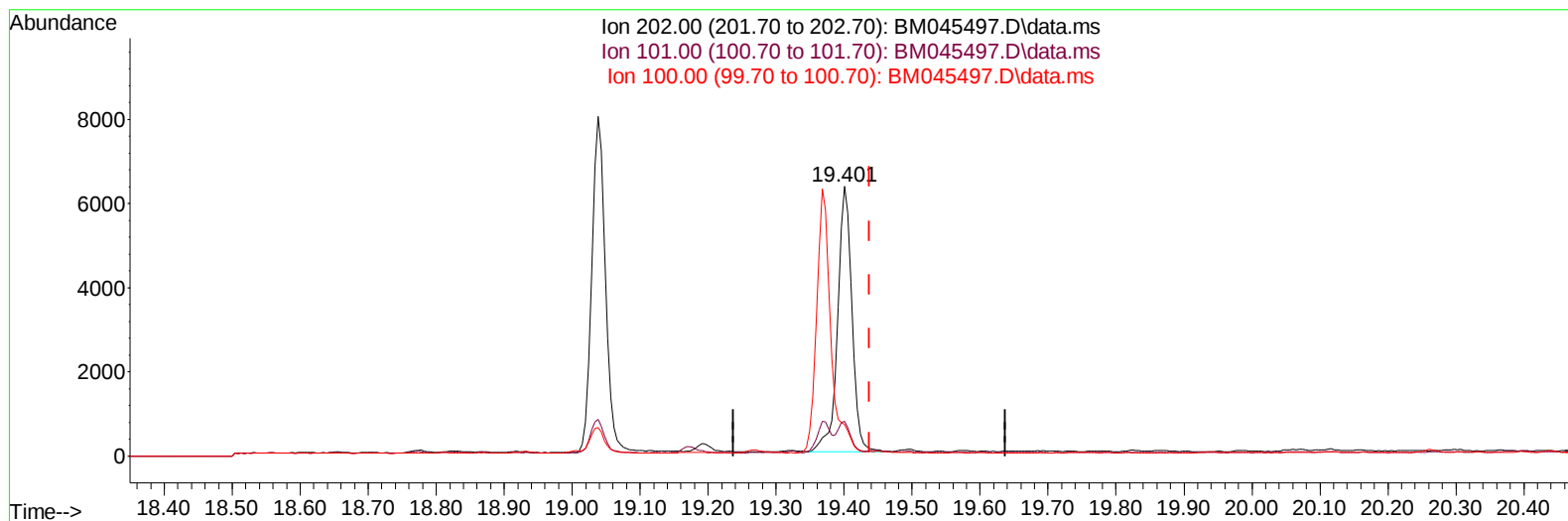
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045497.D
Acq On : 23 Apr 2024 02:04
Operator : MA/JU
Sample : P2037-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY3

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045497.D\data.ms

(20) Pyrene

19.401min (-0.037) 0.60 ng/u1

response 9192

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	12.79
100.00	13.20	11.66
0.00	0.00	0.00

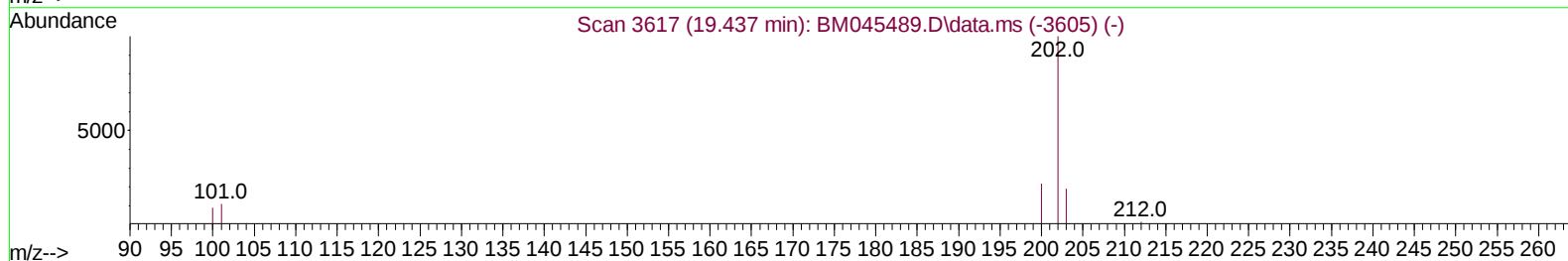
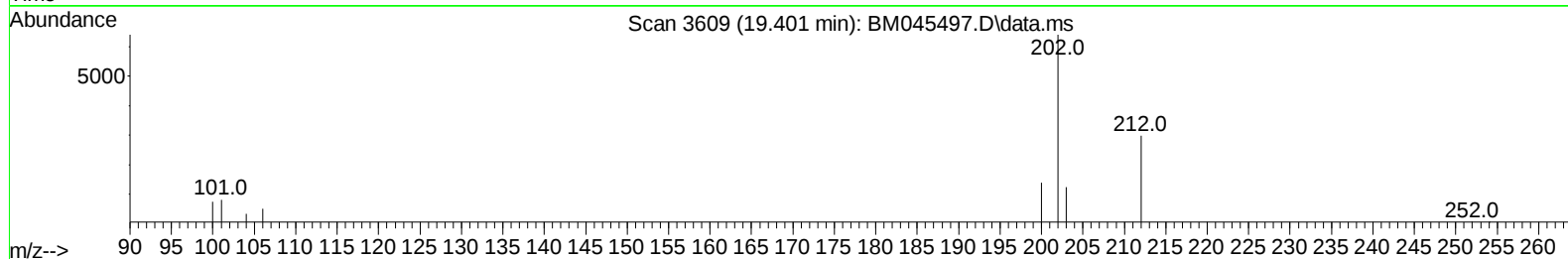
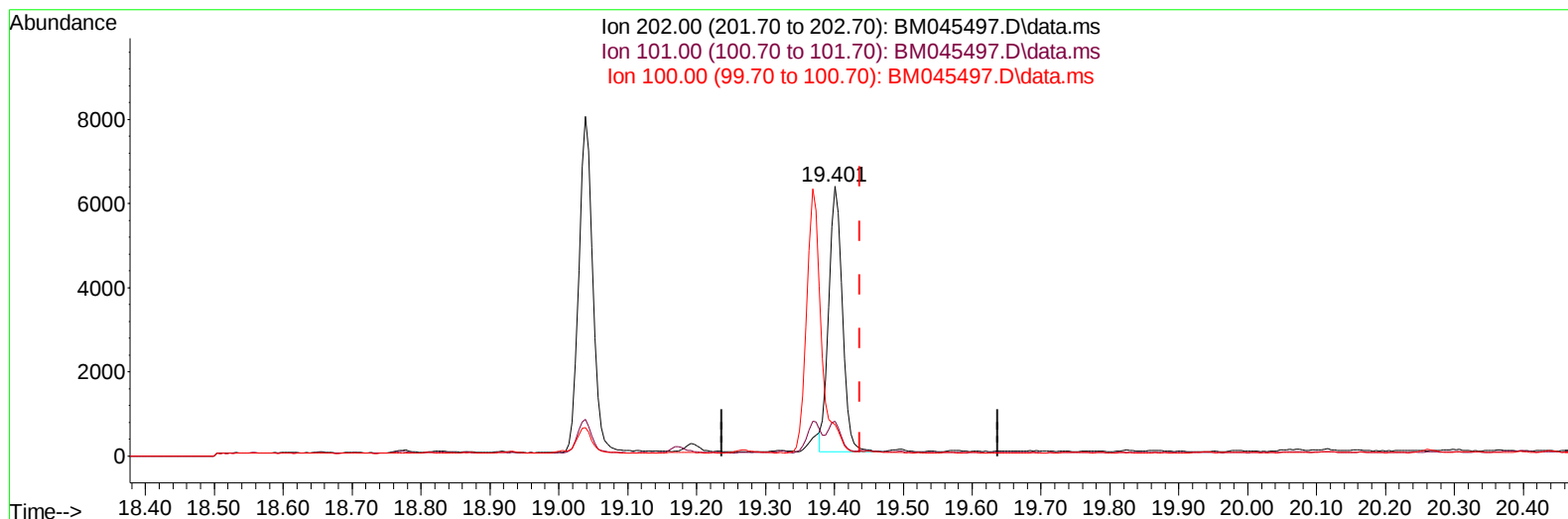
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045497.D
Acq On : 23 Apr 2024 02:04
Operator : MA/JU
Sample : P2037-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY3

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045497.D\data.ms

(20) Pyrene

19.401min (-0.037) 0.57 ng/ul m

response 8788

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	12.79
100.00	13.20	11.66
0.00	0.00	0.00

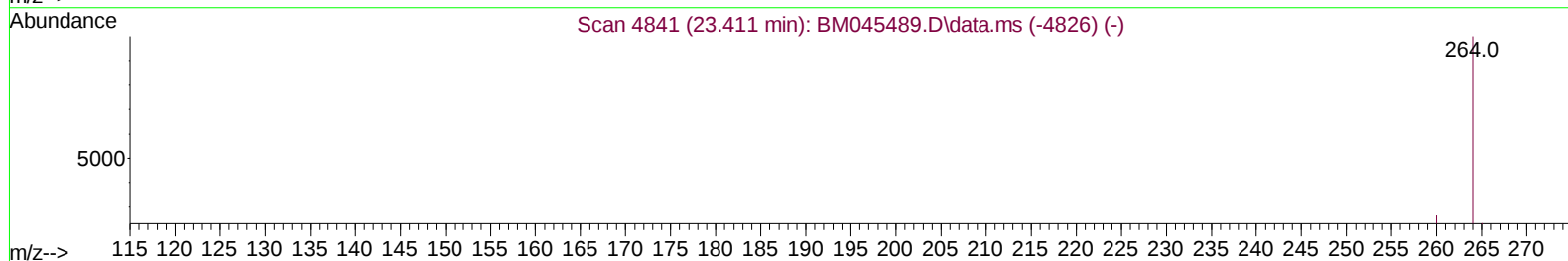
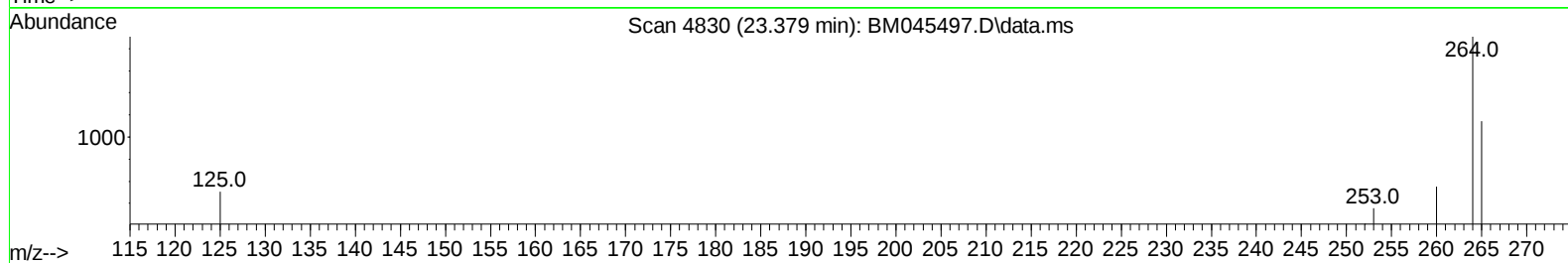
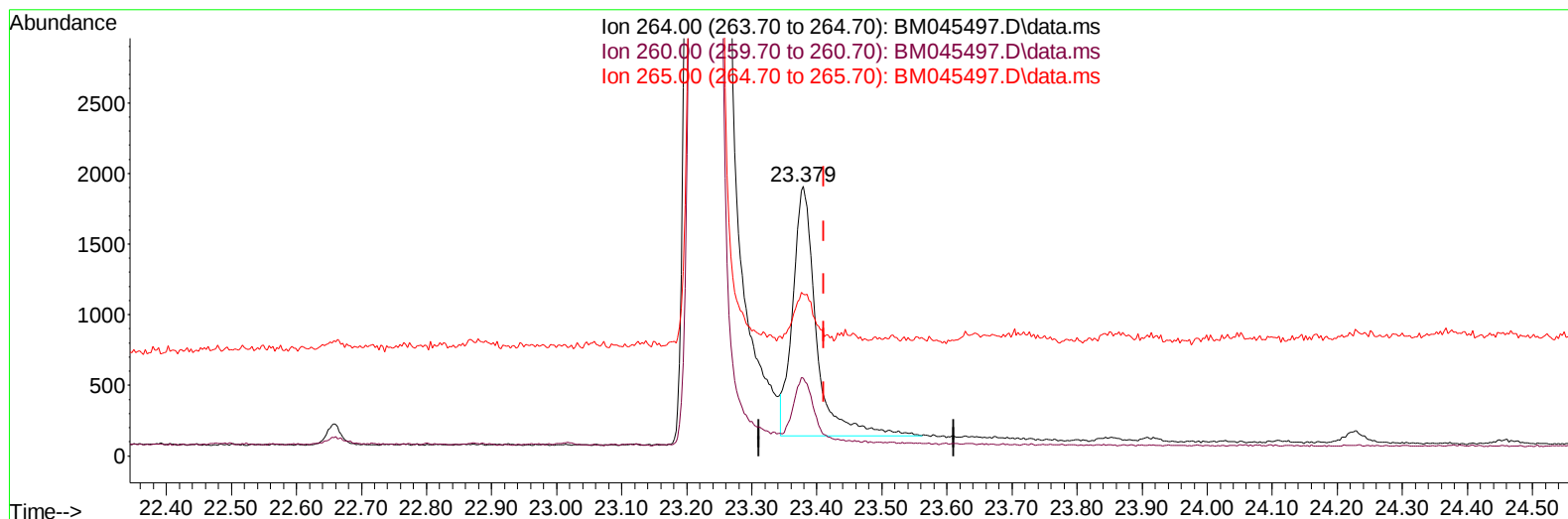
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045497.D
 Acq On : 23 Apr 2024 02:04
 Operator : MA/JU
 Sample : P2037-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY3

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024



TIC: BM045497.D\data.ms

(23) Perylene-d12 (I)

23.379min (-0.032) 0.40 ng/u1

response 4425

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.83
265.00	86.70	60.06#
0.00	0.00	0.00

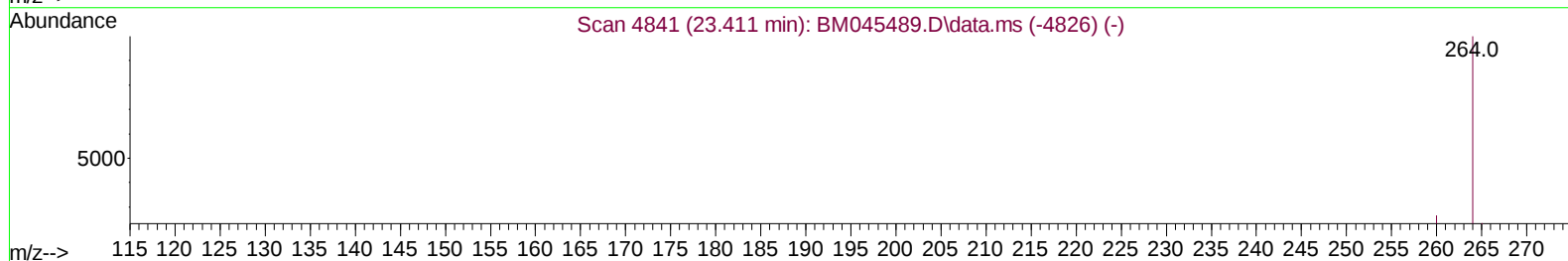
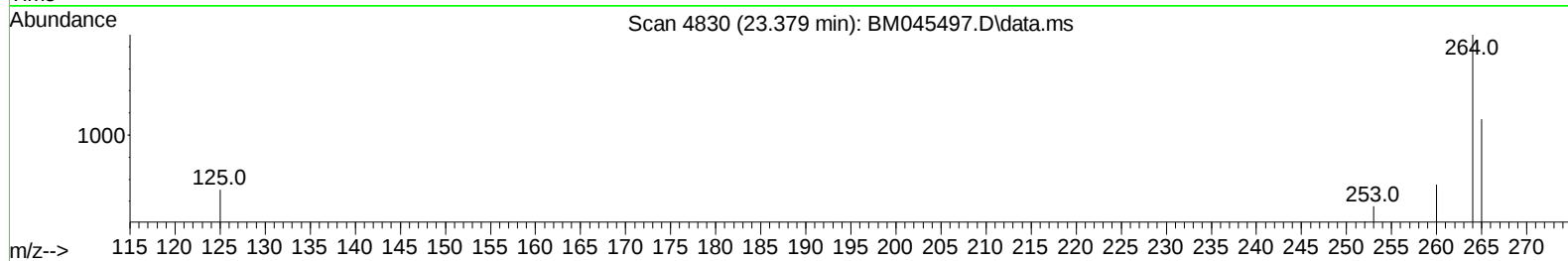
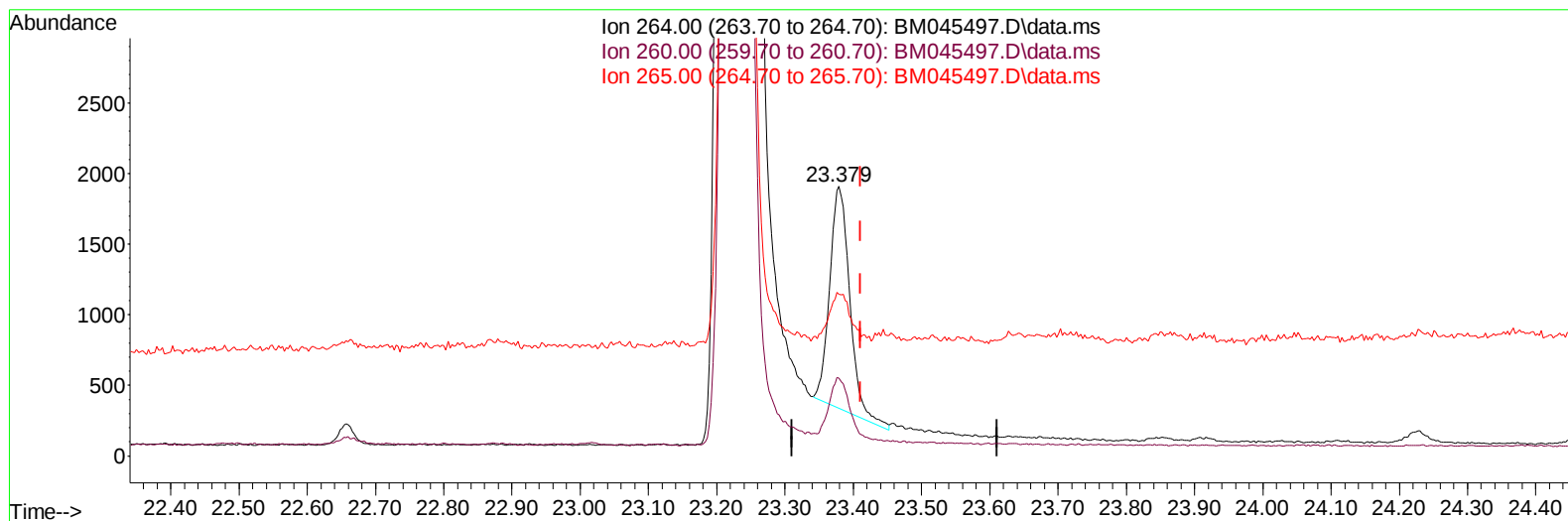
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045497.D
Acq On : 23 Apr 2024 02:04
Operator : MA/JU
Sample : P2037-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY3

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045497.D\data.ms

(23) Perylene-d12 (I)

23.379min (-0.032) 0.40 ng/ul m

response 3209

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.83
265.00	86.70	60.06#
0.00	0.00	0.00

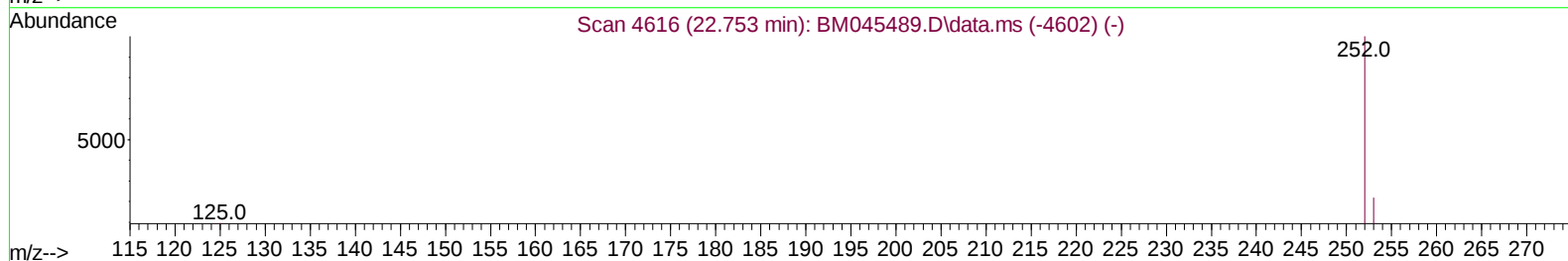
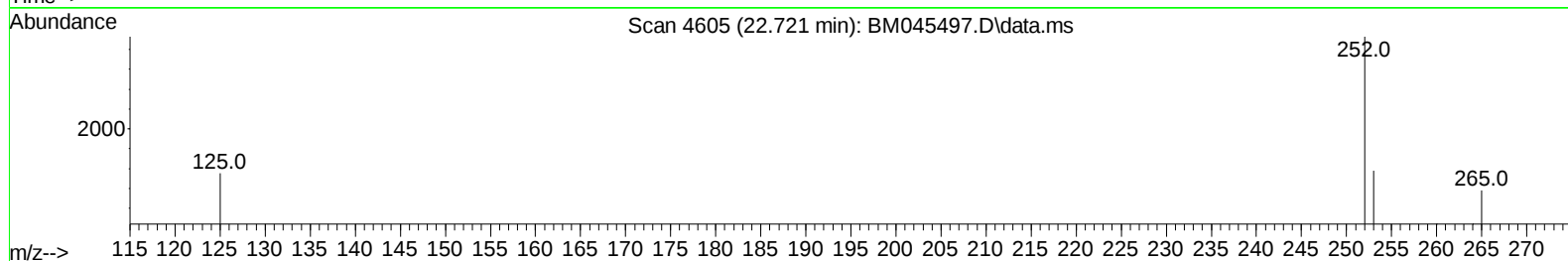
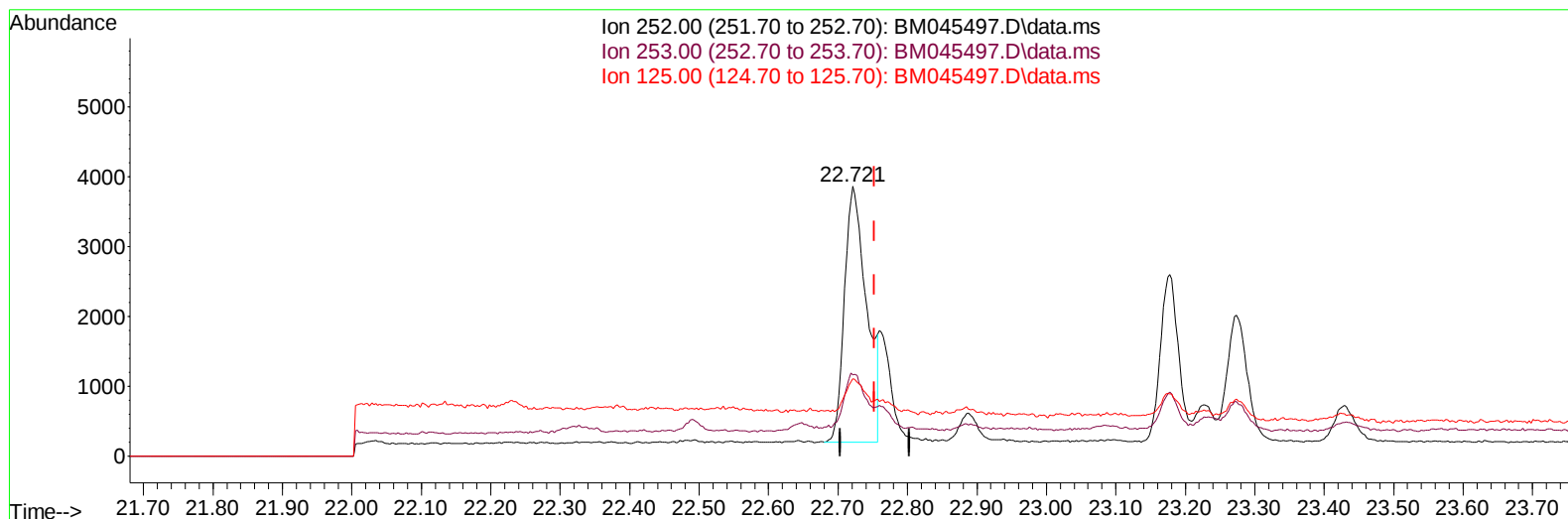
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045497.D
Acq On : 23 Apr 2024 02:04
Operator : MA/JU
Sample : P2037-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY3

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045497.D\data.ms

(24) Benzo(b)fluoranthene

22.721min (-0.032) 0.75 ng/u1

response 8051

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	30.08
125.00	18.40	28.57
0.00	0.00	0.00

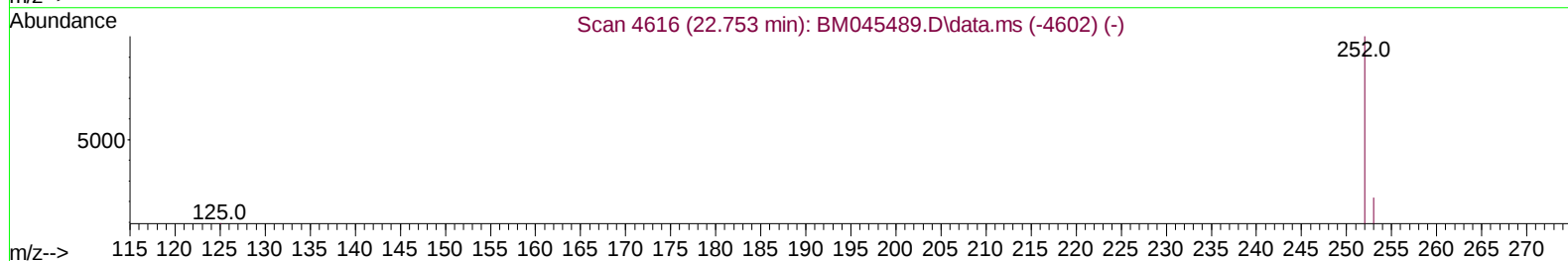
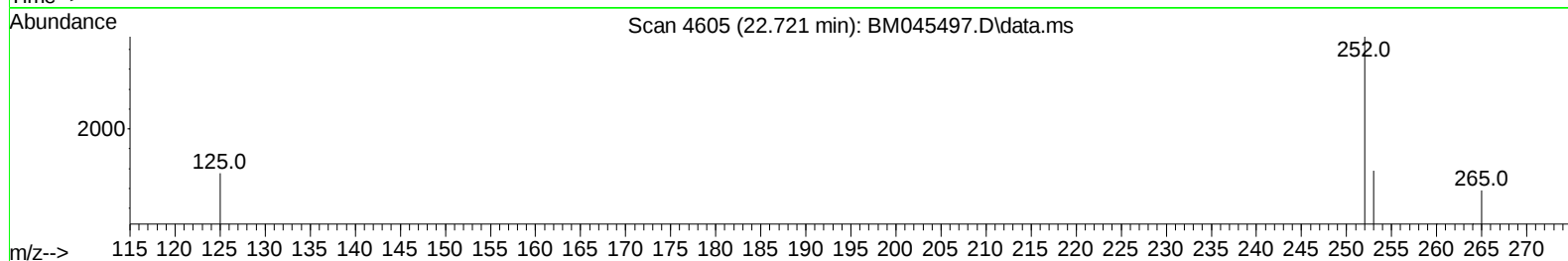
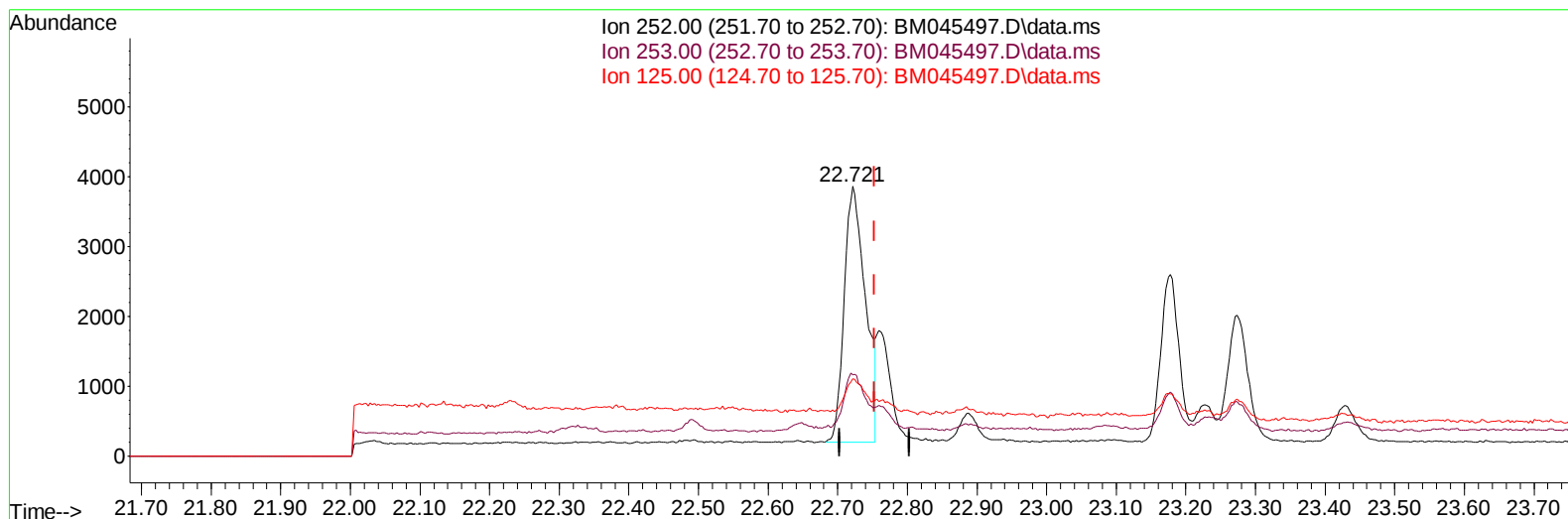
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045497.D
Acq On : 23 Apr 2024 02:04
Operator : MA/JU
Sample : P2037-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY3

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045497.D\data.ms

(24) Benzo(b)fluoranthene

22.721min (-0.032) 0.72 ng/u1 m

response 7789

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	30.08
125.00	18.40	28.57
0.00	0.00	0.00

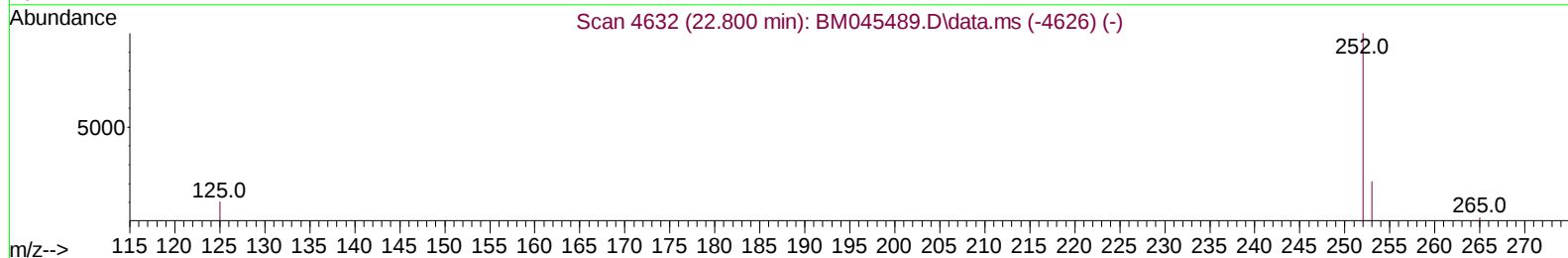
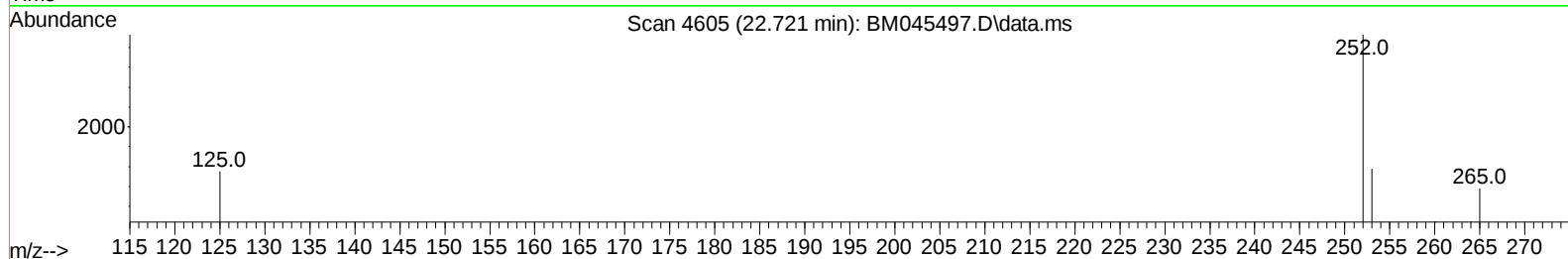
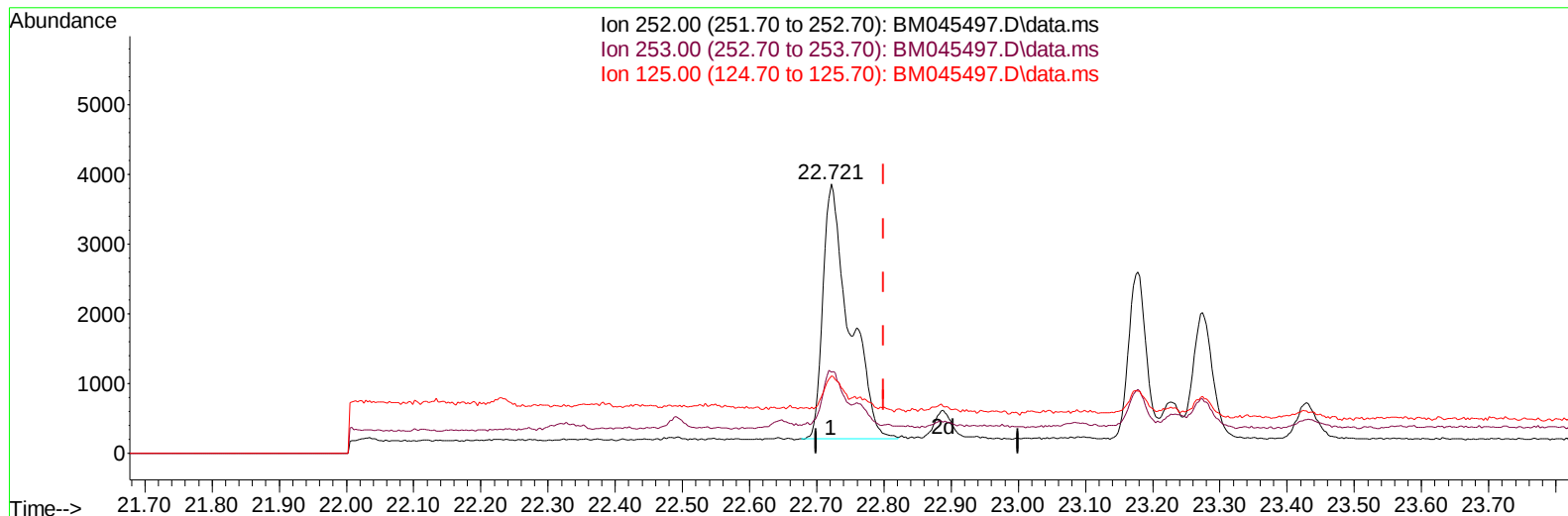
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045497.D
Acq On : 23 Apr 2024 02:04
Operator : MA/JU
Sample : P2037-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY3

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045497.D\data.ms

(25) Benzo(k)fluoranthene

22.721min (-0.079) 0.73 ng/u1

response 10014

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	30.08
125.00	18.50	28.57#
0.00	0.00	0.00

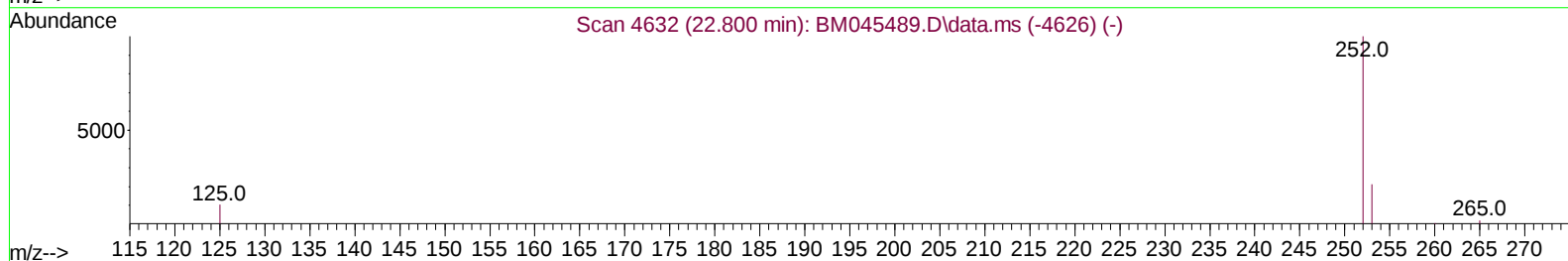
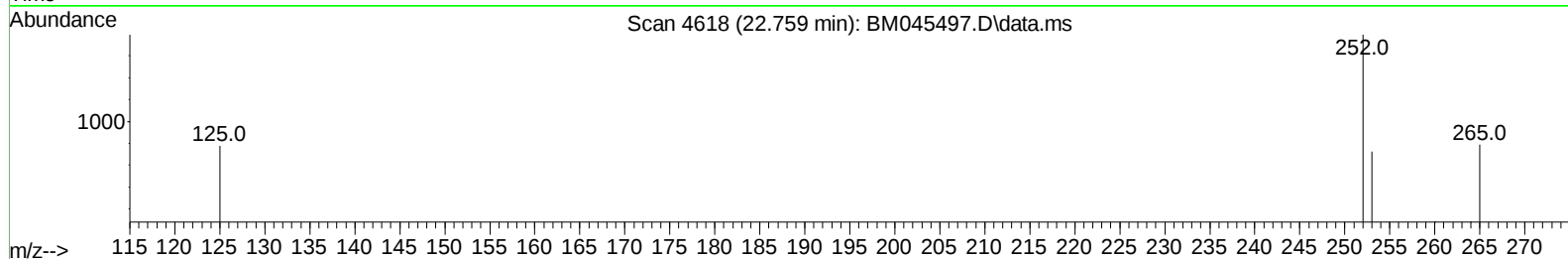
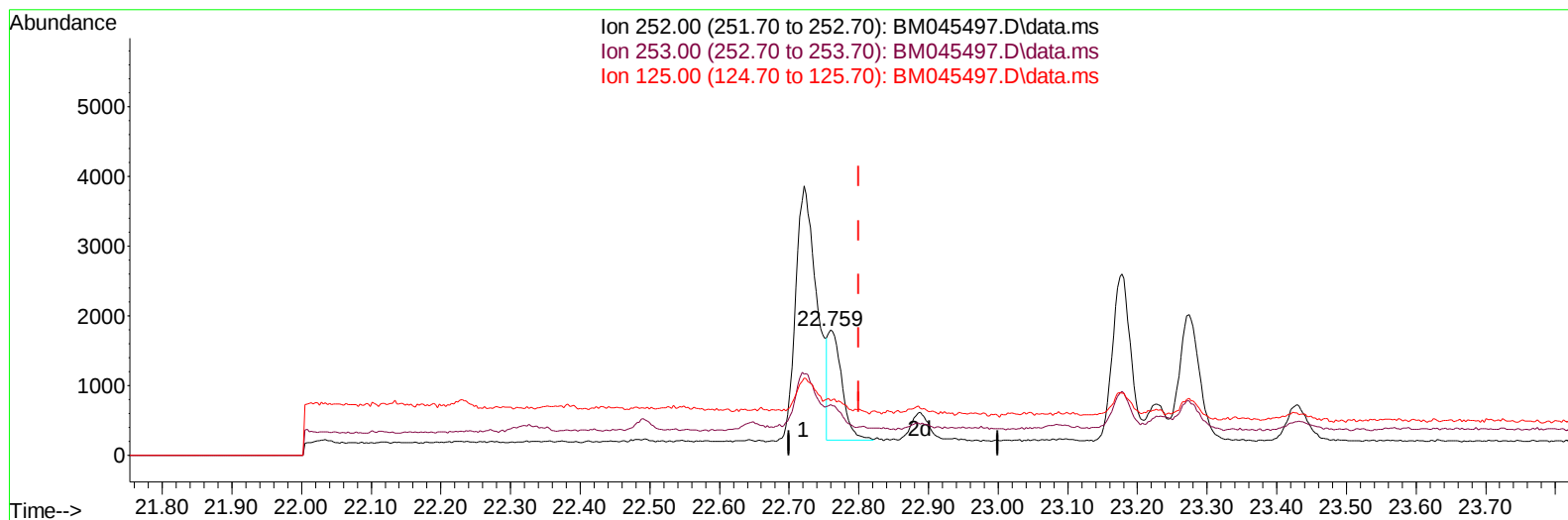
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045497.D
 Acq On : 23 Apr 2024 02:04
 Operator : MA/JU
 Sample : P2037-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY3

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024



TIC: BM045497.D\data.ms

(25) Benzo(k)fluoranthene

22.759min (-0.041) 0.16 ng/u1 m

response 2170

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	40.27#
125.00	18.50	43.45#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045497.D
 Acq On : 23 Apr 2024 02:04
 Operator : MA/JU
 Sample : P2037-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024

Quant Time: Apr 23 08:32:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	1045	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.314	136	3494	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.205	164	2045	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.967	188	4447m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.187	240	3233	0.400	ng/ul	-0.03
23) Perylene-d12	23.379	264	3209m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	5729	4.090	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152	1399	0.304	ng/ul	-0.05
18) Fluoranthene-d10	19.010	212	3103	0.305	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.364	128	1105	0.118	ng/ul	97
7) 2-Methylnaphthalene	12.002	142	496	0.093	ng/ul	96
8) 1-Methylnaphthalene	12.228	142	296	0.049	ng/ul	92
10) Acenaphthylene	13.923	152	471	0.047	ng/ul#	76
11) Acenaphthene	14.270	153	197	0.026	ng/ul	93
15) Phenanthrene	17.005	178	5799	0.448	ng/ul	96
16) Anthracene	17.098	178	910m	0.075	ng/ul	
19) Fluoranthene	19.038	202	11127	0.746	ng/ul#	92
20) Pyrene	19.401	202	8788m	0.573	ng/ul	
21) Benzo(a)anthracene	21.176	228	4591	0.444	ng/ul	98
22) Chrysene	21.225	228	4747	0.299	ng/ul	98
24) Benzo(b)fluoranthene	22.721	252	7789m	0.722	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	2170m	0.159	ng/ul	
26) Benzo(a)pyrene	23.274	252	3662	0.327	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.572	276	3912	0.240	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.588	278	930	0.072	ng/ul#	40
29) Benzo(g,h,i)perylene	26.239	276	4475	0.306	ng/ul	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045497.D
Acq On : 23 Apr 2024 02:04
Operator : MA/JU
Sample : P2037-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024

Quant Time: Apr 23 08:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

