

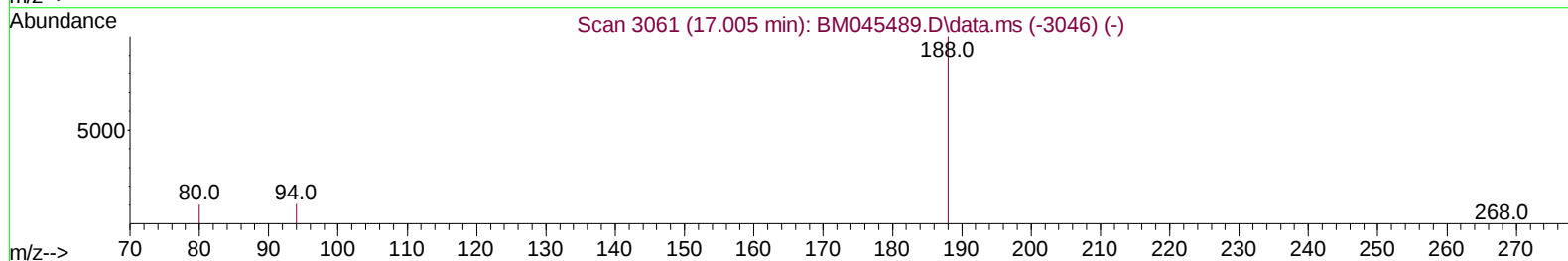
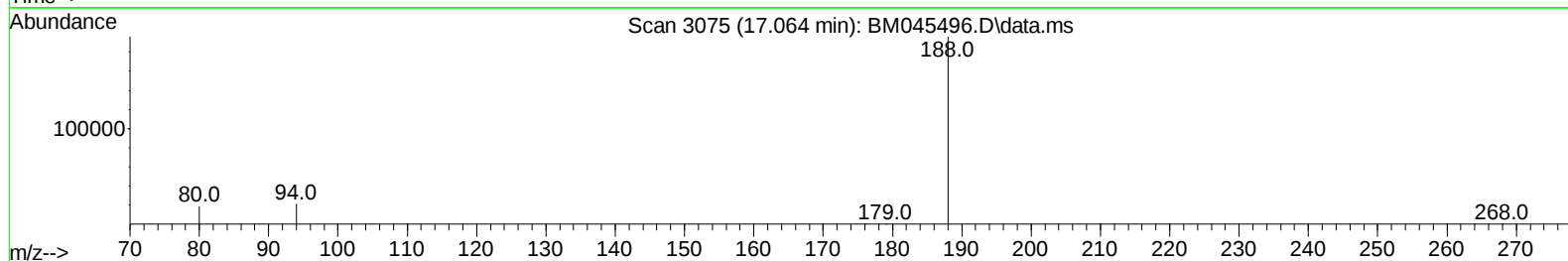
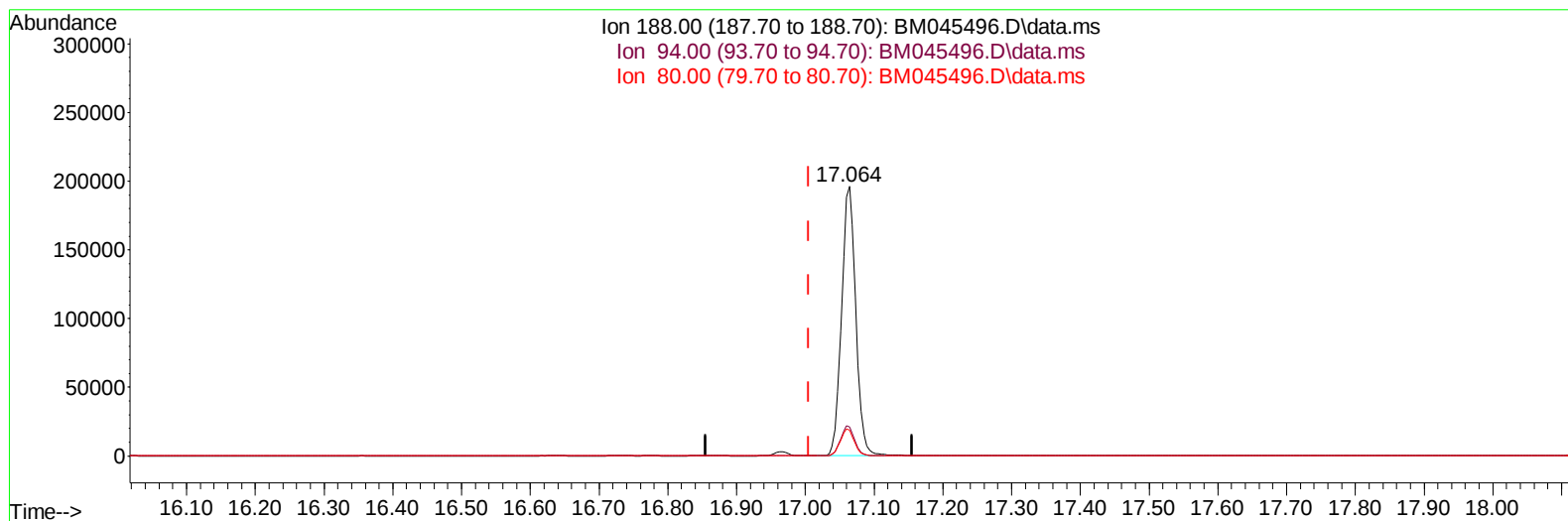
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045496.D
Acq On : 23 Apr 2024 01:28
Operator : MA/JU
Sample : P2037-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY5

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:07 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: BM045496.D\data.ms

(13) Phenanthrene-d10 (I)

17.064min (+ 0.059) 0.40 ng/u1

response 281168

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.82#
80.00	14.80	9.46#
0.00	0.00	0.00

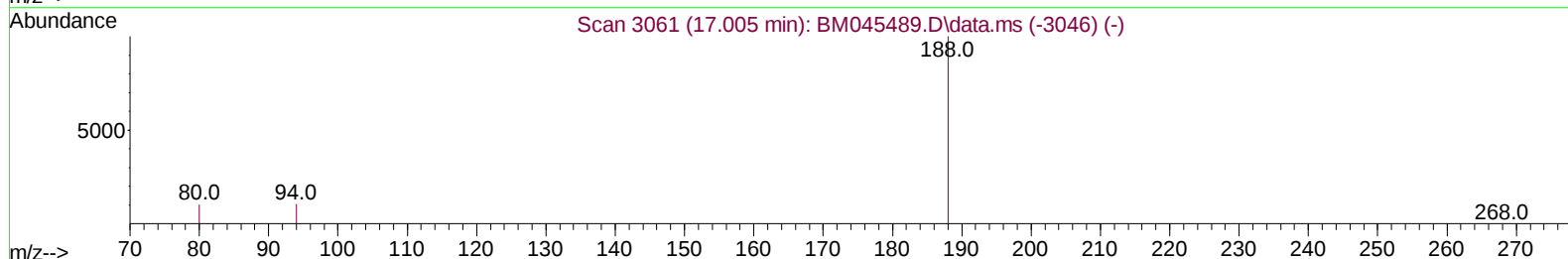
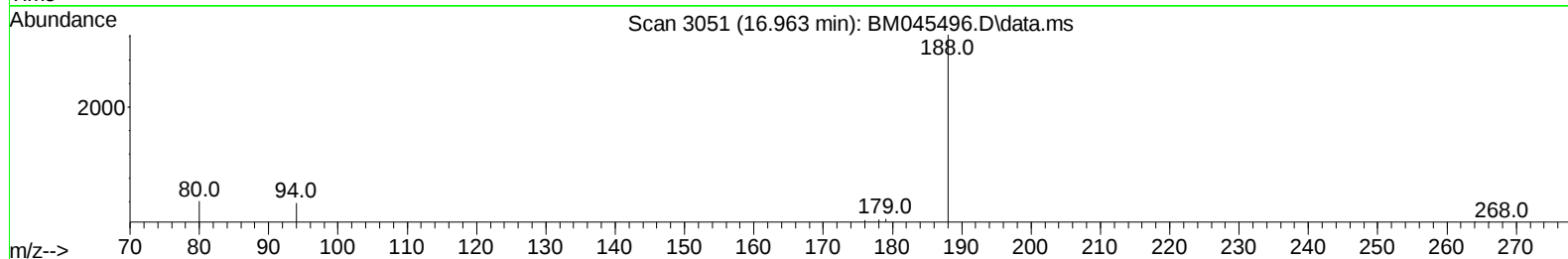
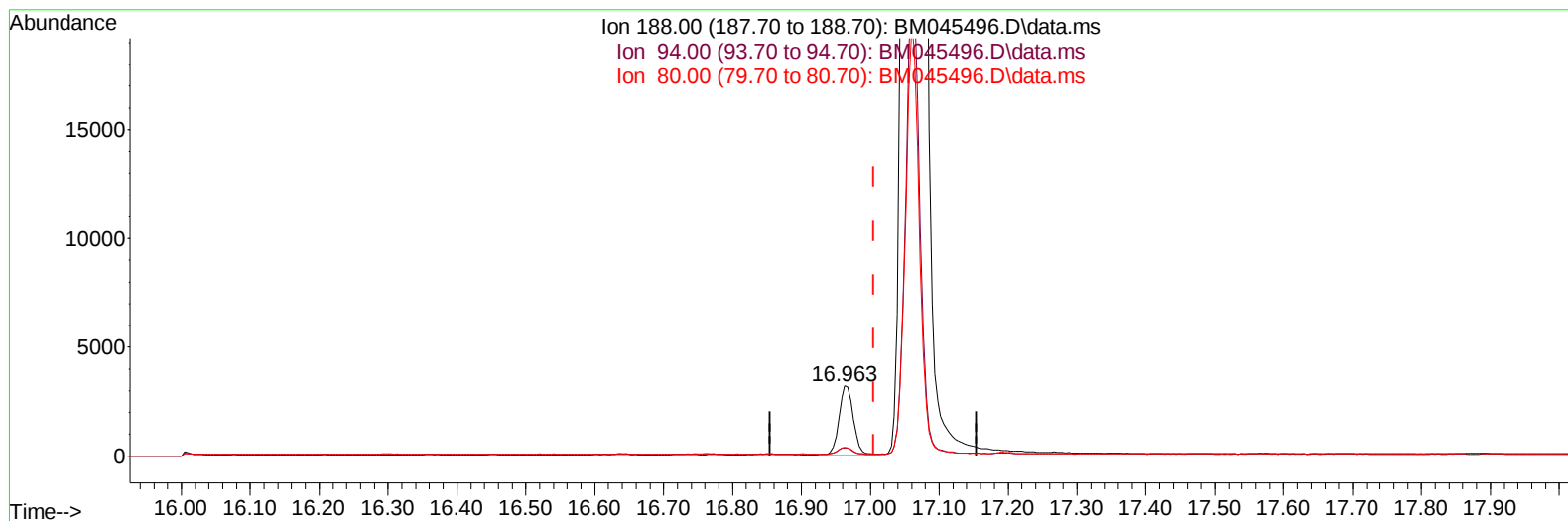
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TIC: BM045496.D\data.ms

(13) Phenanthrene-d10 (I)

16.963min (-0.042) 0.40 ng/ul m

response 4479

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	11.66#
80.00	14.80	12.55
0.00	0.00	0.00

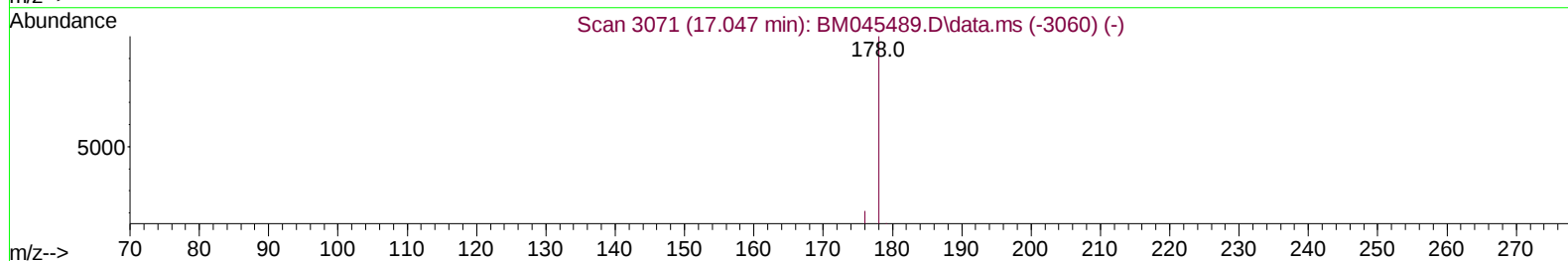
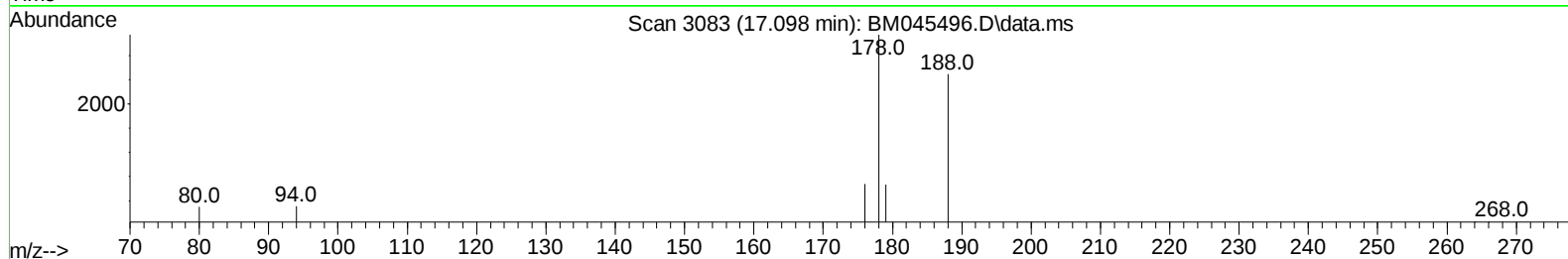
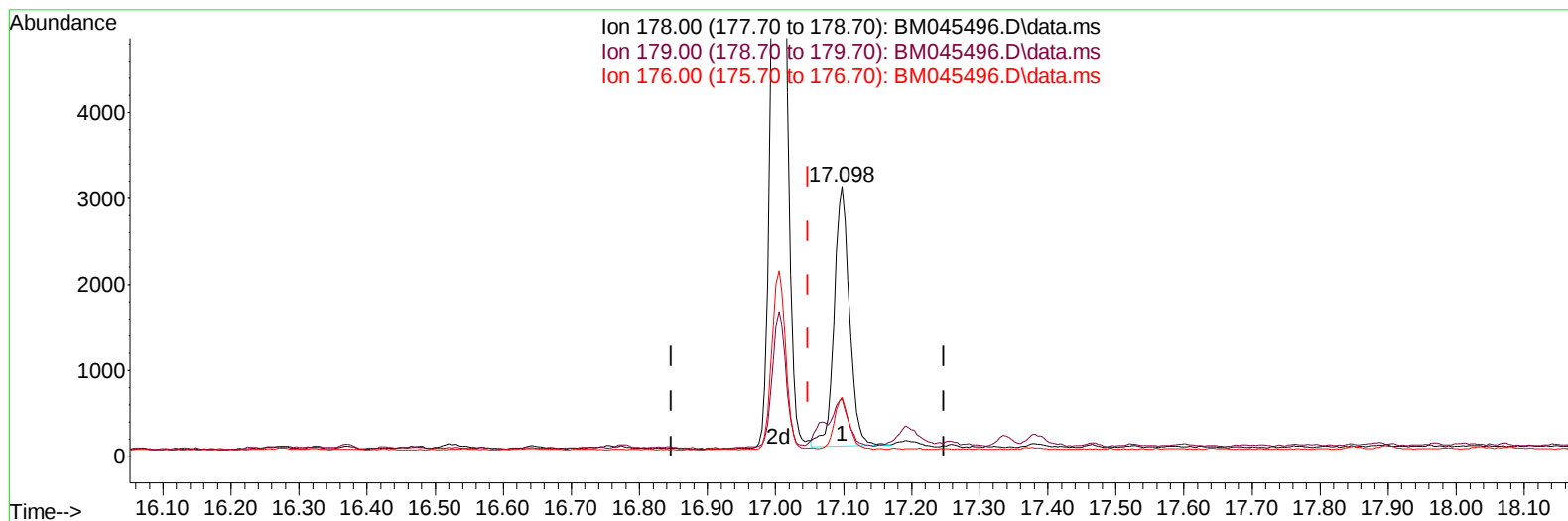
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
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 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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TIC: BM045496.D\data.ms

(15) Phenanthrene

17.098min (+ 0.051) 0.36 ng/u1

response 4714

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	21.36
176.00	23.70	21.78
0.00	0.00	0.00

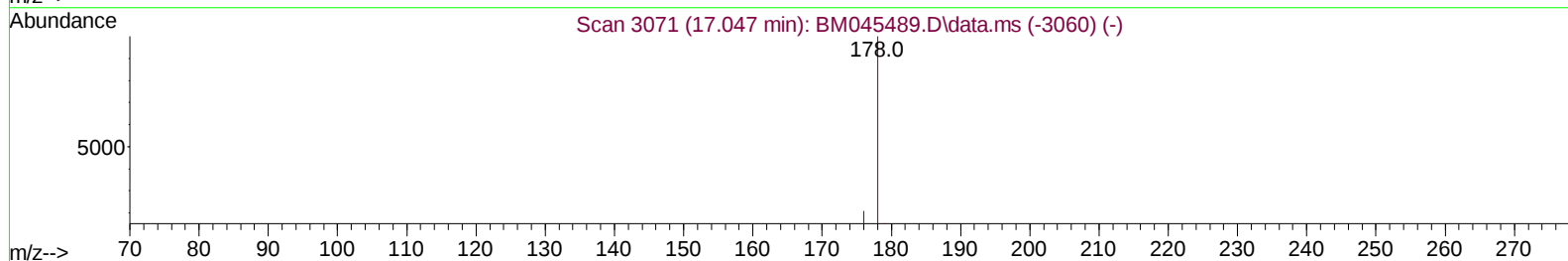
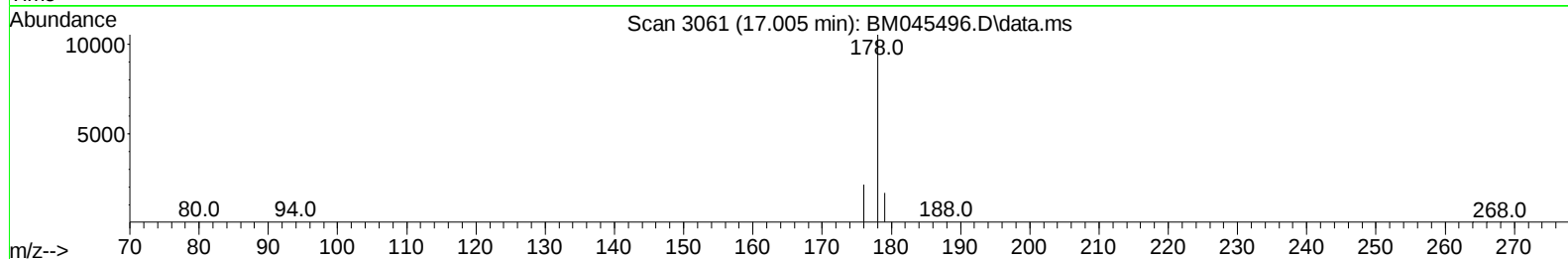
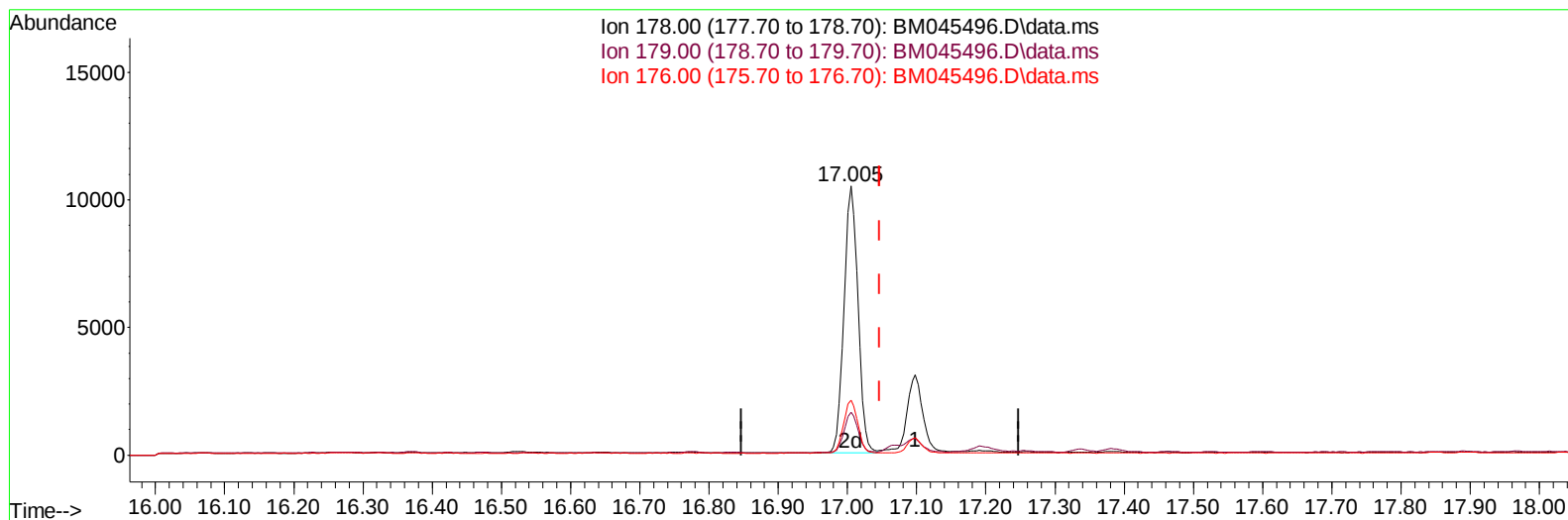
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY5

Manual IntegrationsAPPROVED

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



TIC: BM045496.D\data.ms

(15) Phenanthrene

17.005min (-0.042) 1.13 ng/ul m

response 14713

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	15.98
176.00	23.70	20.51
0.00	0.00	0.00

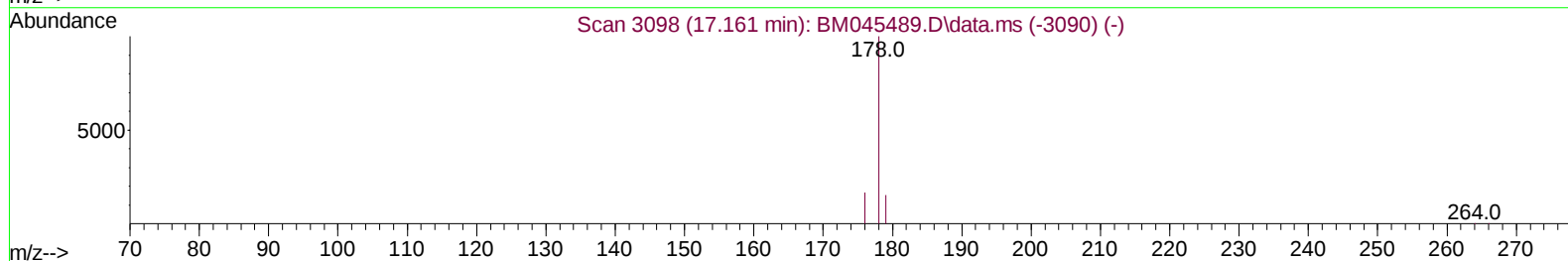
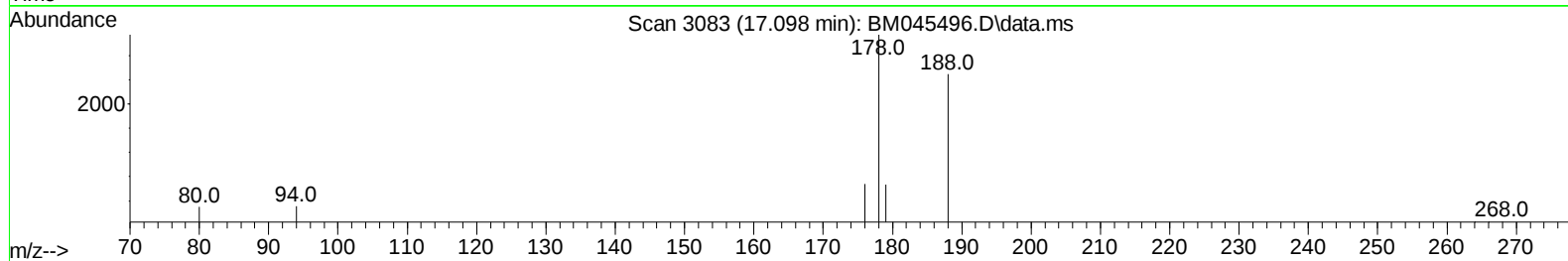
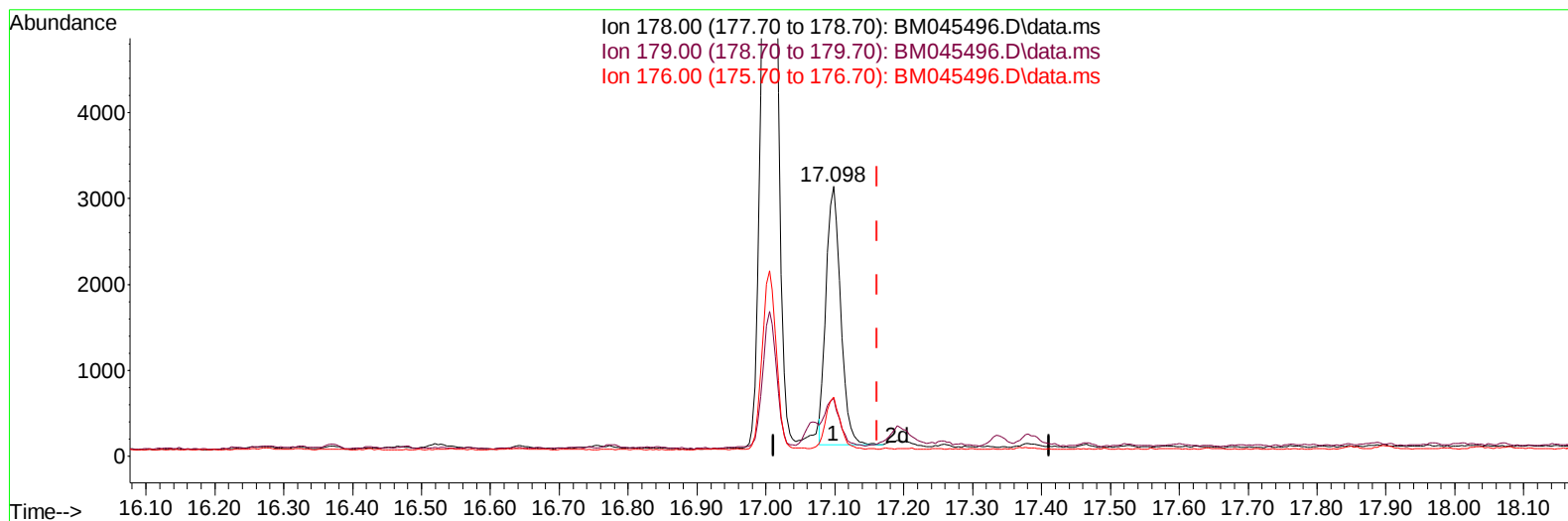
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
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TIC: BM045496.D\data.ms

(16) Anthracene

17.098min (-0.063) 0.36 ng/u1

response 4432

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	21.36
176.00	23.40	21.78
0.00	0.00	0.00

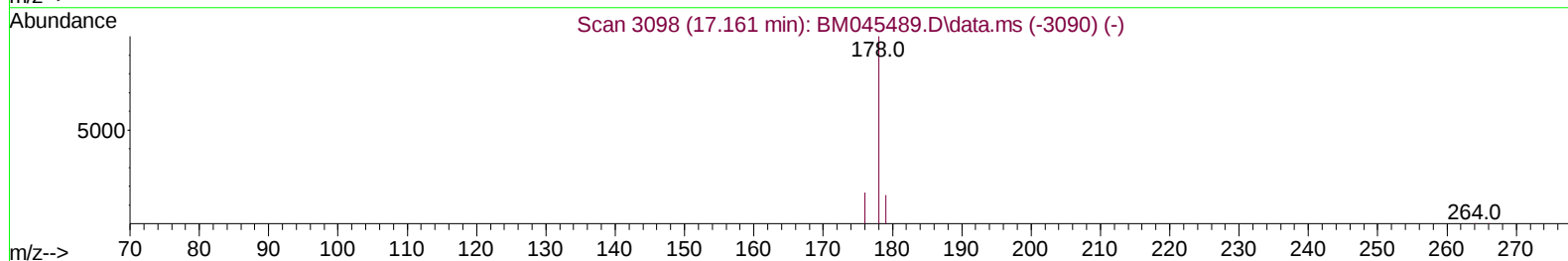
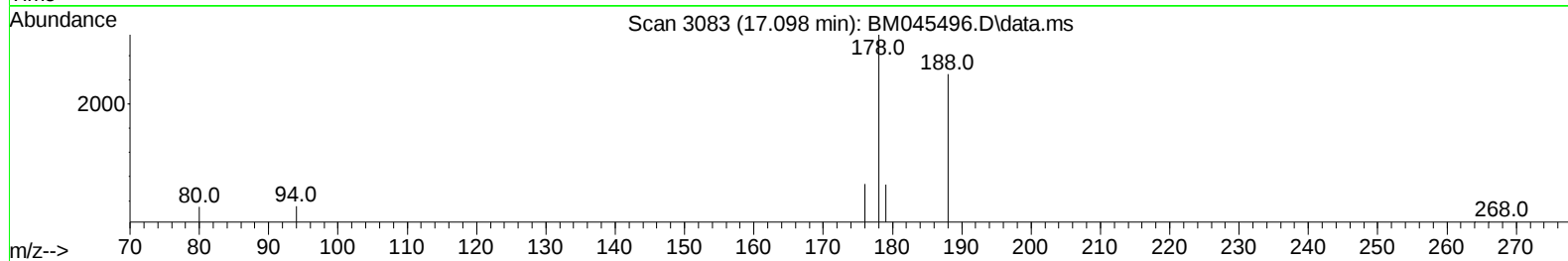
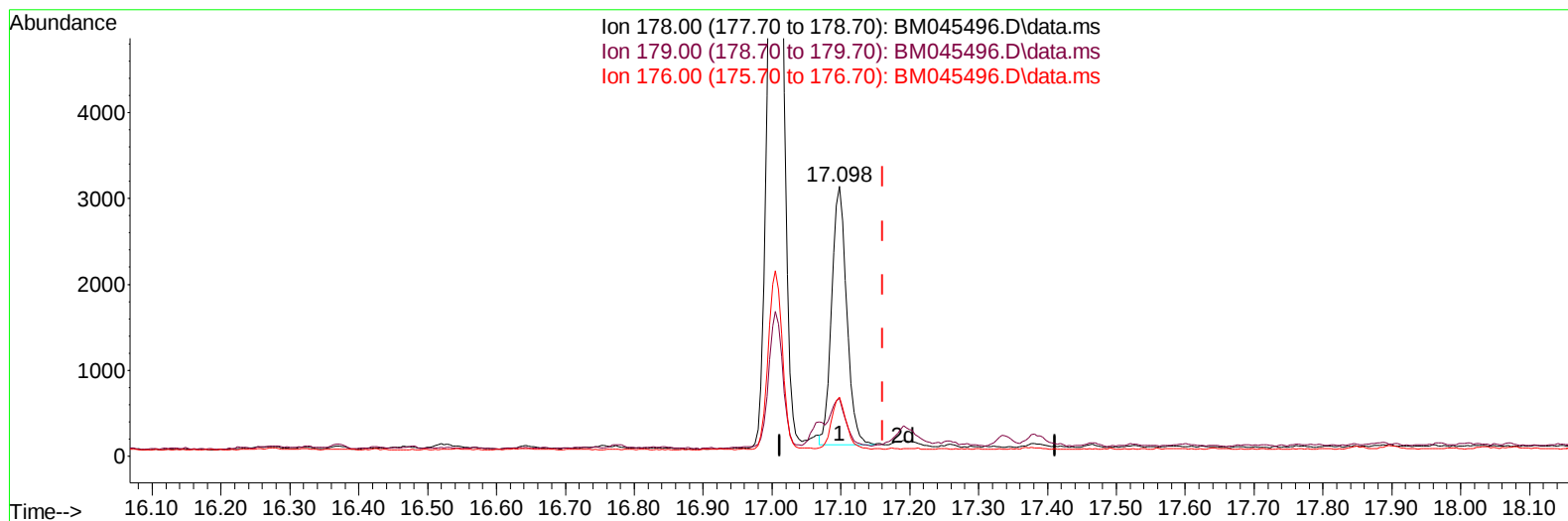
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045496.D
Acq On : 23 Apr 2024 01:28
Operator : MA/JU
Sample : P2037-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY5

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:07 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
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Reviewed By :Yogesh Patel 04/24/2024
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TIC: BM045496.D\data.ms

(16) Anthracene

17.098min (-0.063) 0.37 ng/u1 m

response 4515

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	21.36
176.00	23.40	21.78
0.00	0.00	0.00

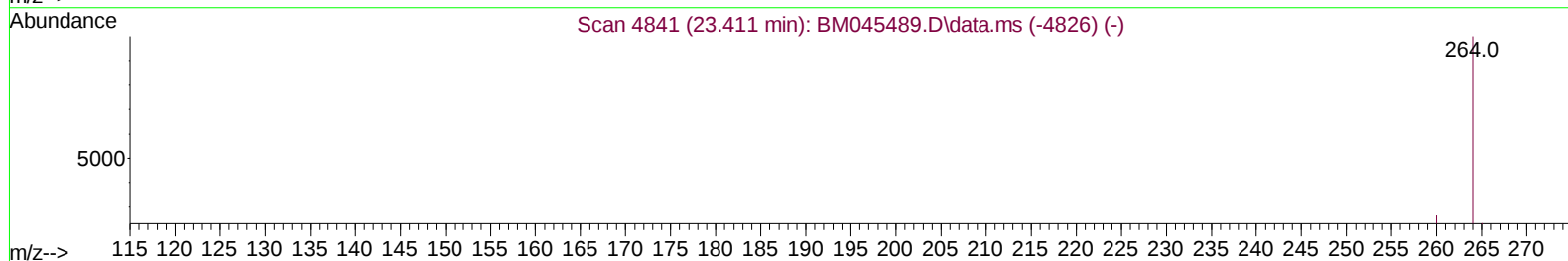
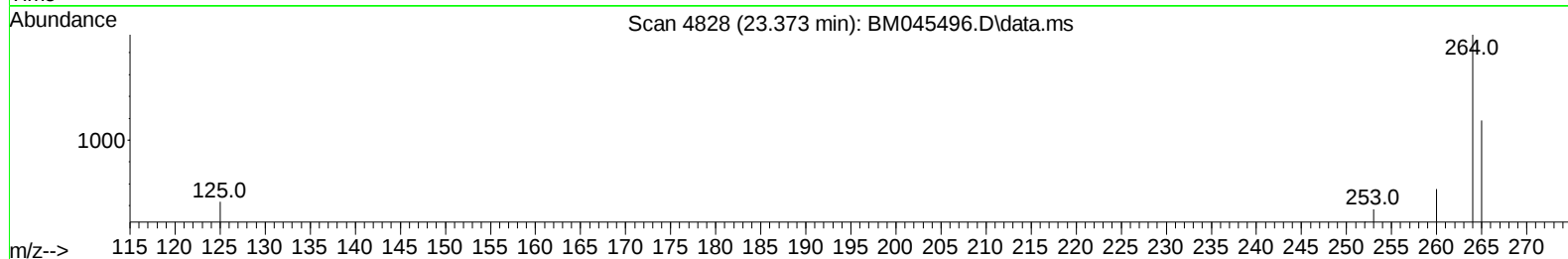
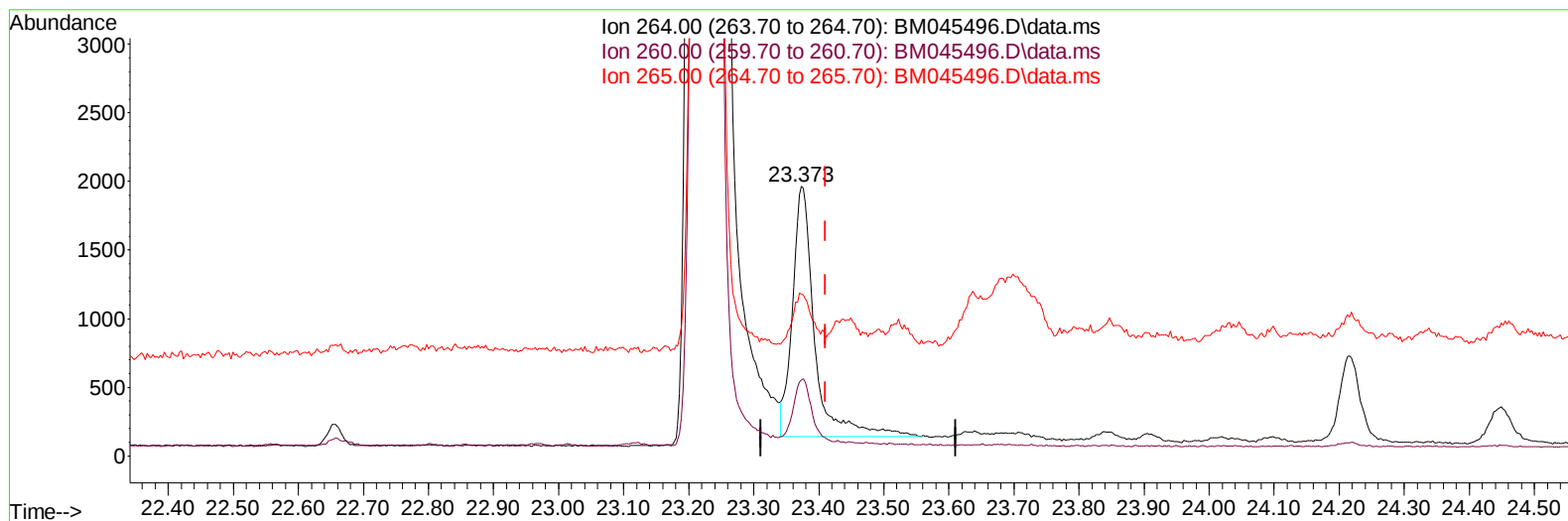
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Operator : MA/JU
Sample : P2037-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
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E1CY5

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TIC: BM045496.D\data.ms

(23) Perylene-d12 (I)

23.373min (-0.038) 0.40 ng/u1

response 4333

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.12
265.00	86.70	60.01#
0.00	0.00	0.00

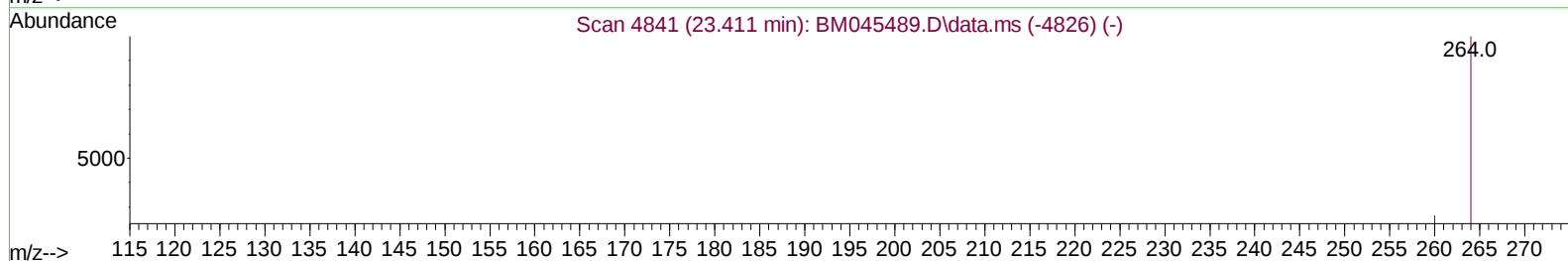
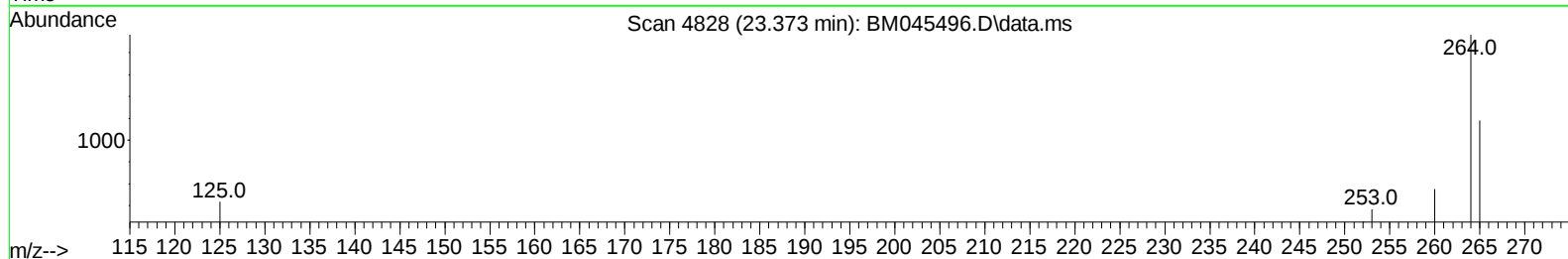
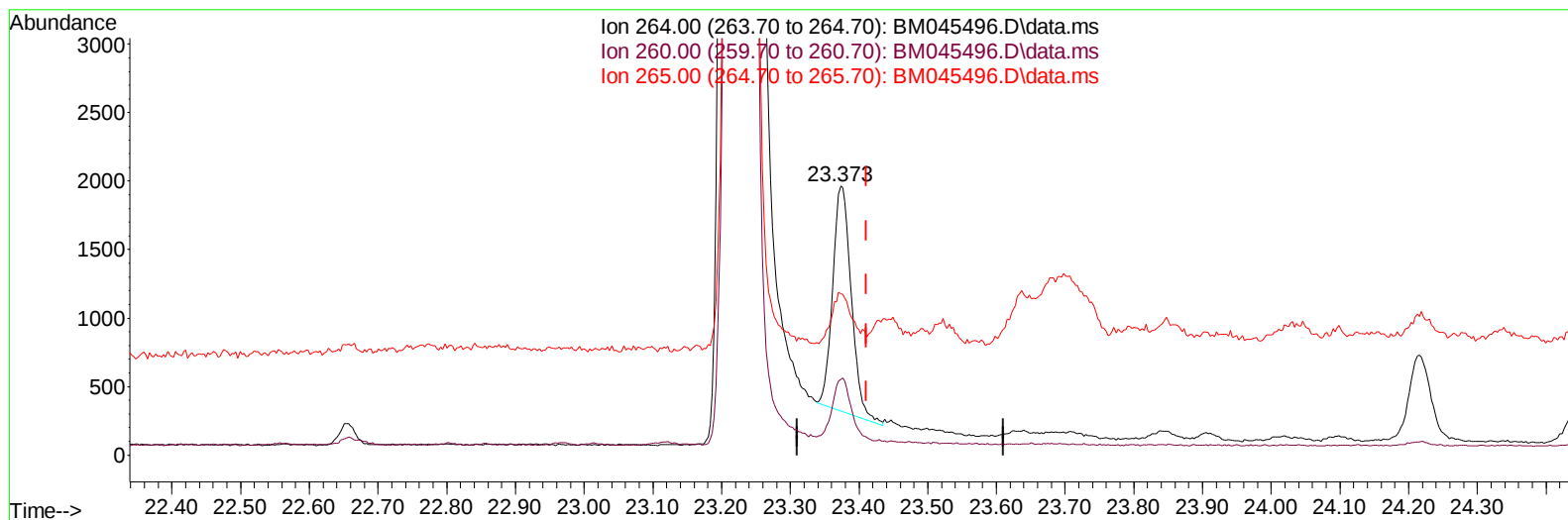
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045496.D
Acq On : 23 Apr 2024 01:28
Operator : MA/JU
Sample : P2037-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY5

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:07 2024
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Supervised By :mohammad ahmed 04/26/2024



TIC: BM045496.D\data.ms

(23) Perylene-d12 (I)

23.373min (-0.038) 0.40 ng/ul m

response 3085

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.12
265.00	86.70	60.01#
0.00	0.00	0.00

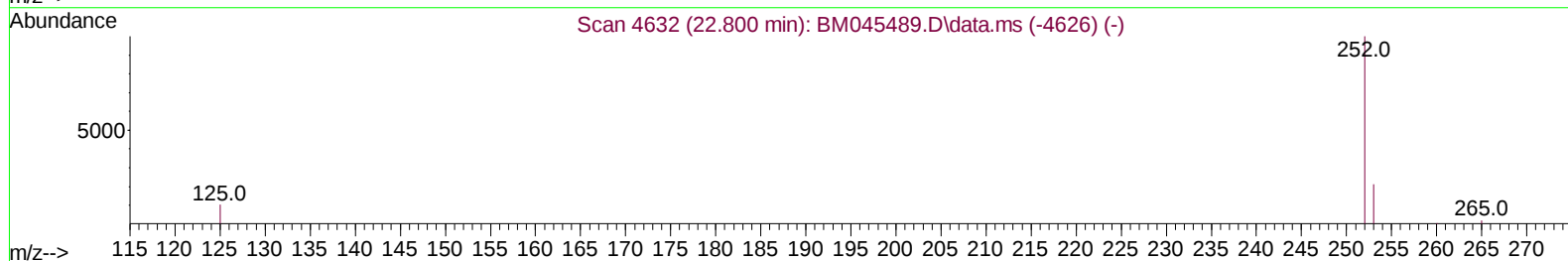
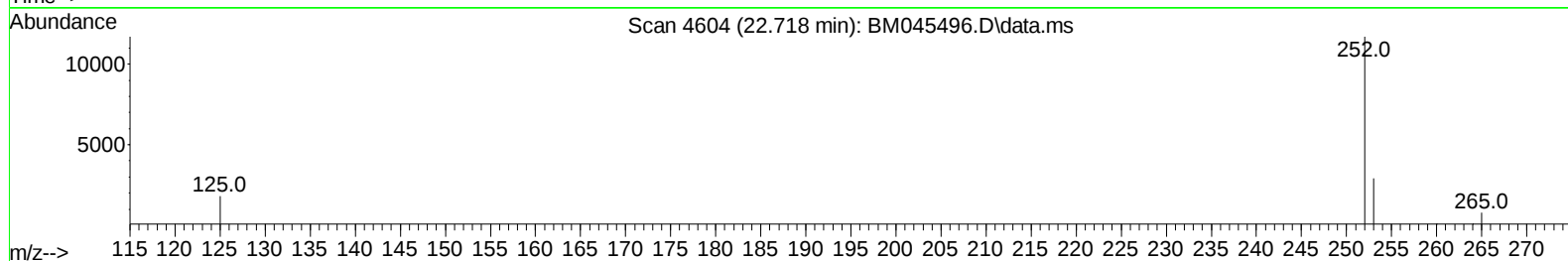
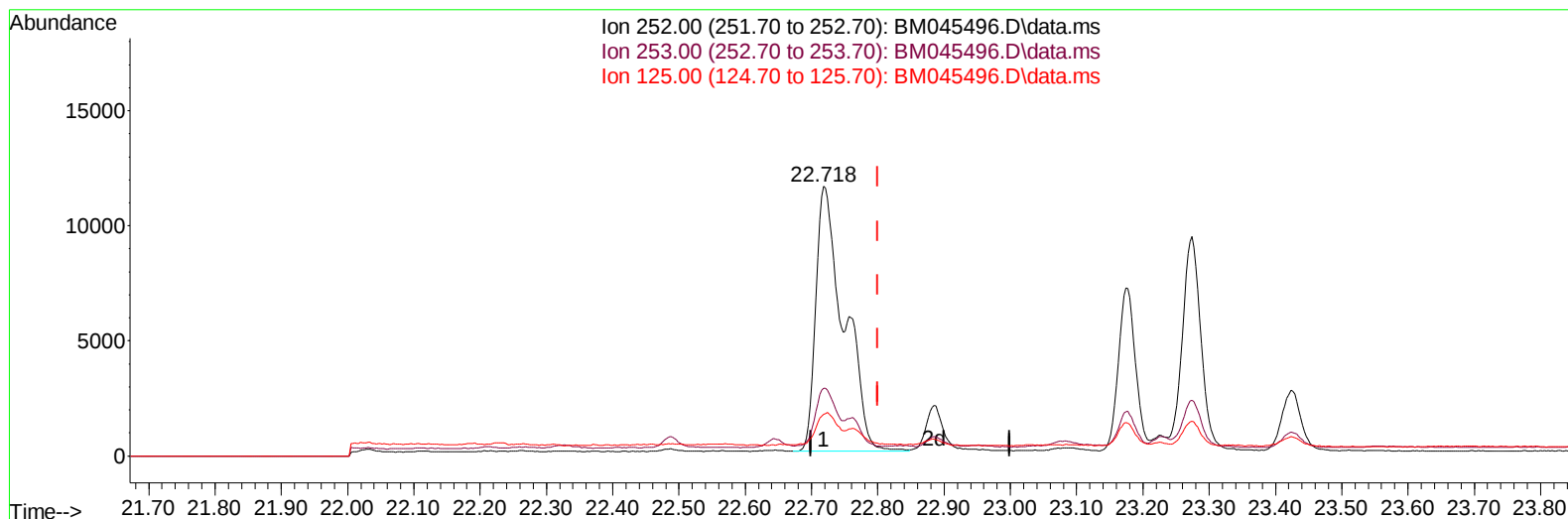
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TIC: BM045496.D\data.ms

(25) Benzo(k)fluoranthene

22.718min (-0.081) 2.59 ng/u1

response 34004

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	25.04#
125.00	18.50	15.38
0.00	0.00	0.00

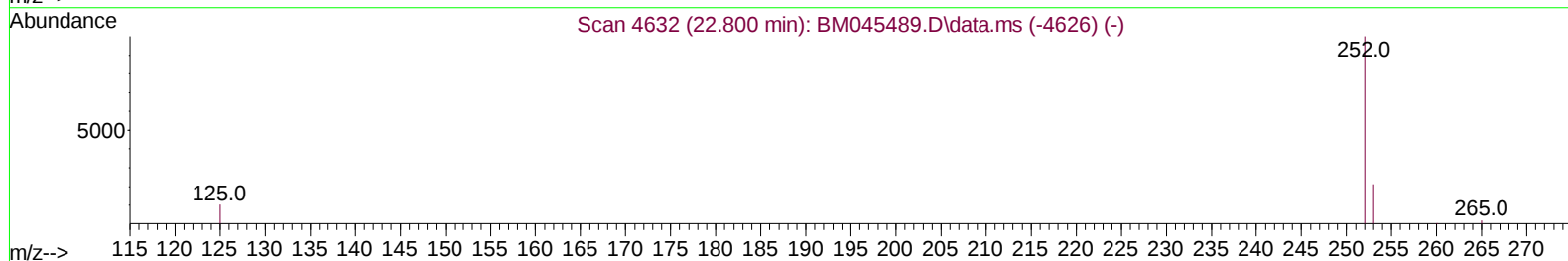
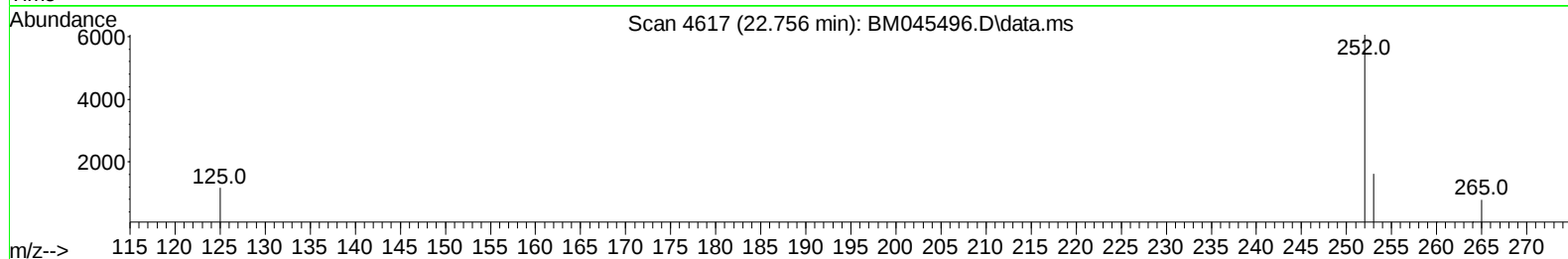
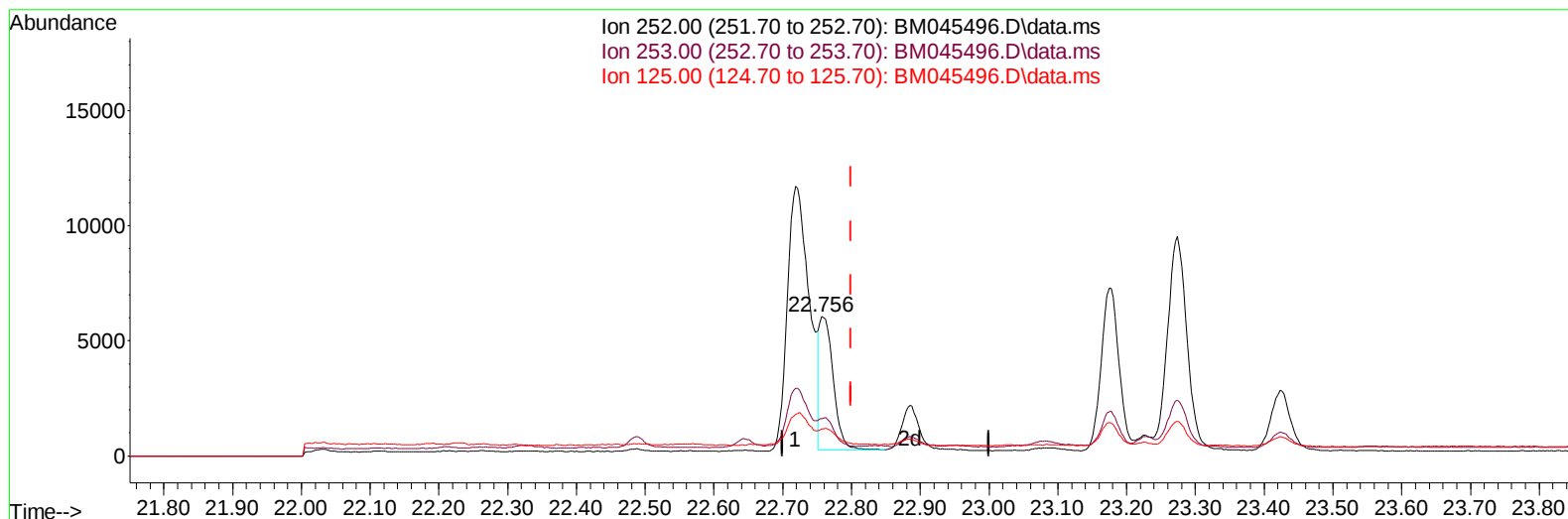
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ALS Vial : 26 Sample Multiplier: 1

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TIC: BM045496.D\data.ms

(25) Benzo(k)fluoranthene

22.756min (-0.043) 0.63 ng/u1 m

response 8207

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	26.62
125.00	18.50	19.30
0.00	0.00	0.00

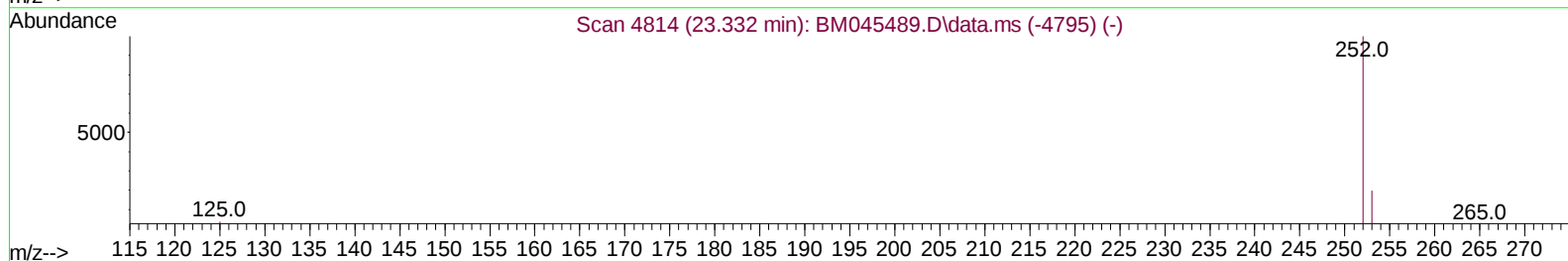
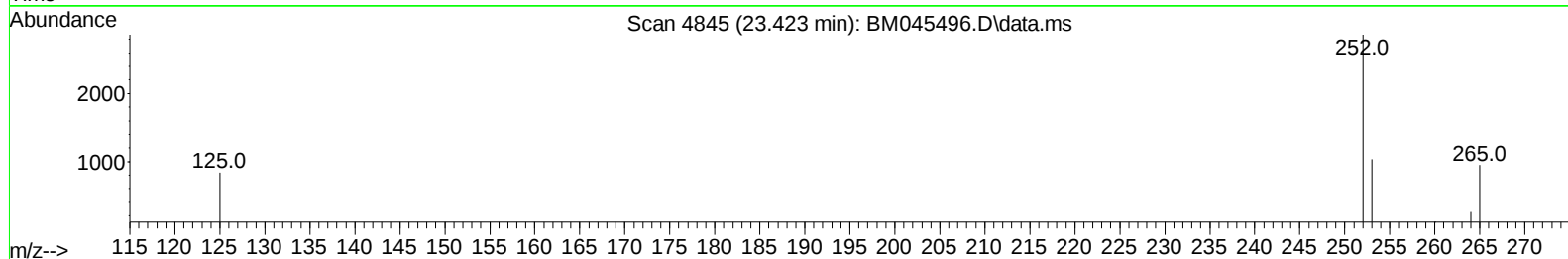
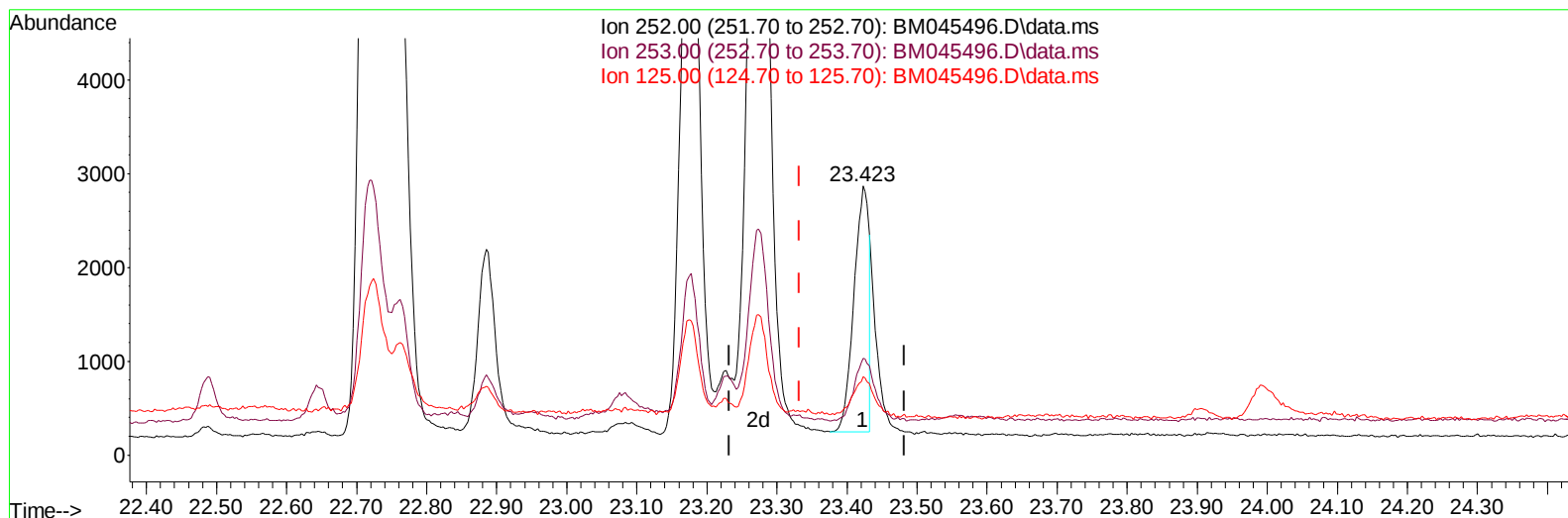
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TIC: BM045496.D\data.ms

(26) Benzo(a)pyrene (C)

23.423min (+ 0.091) 0.36 ng/u1

response 3847

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	39.50	35.98
125.00	24.40	29.11
0.00	0.00	0.00

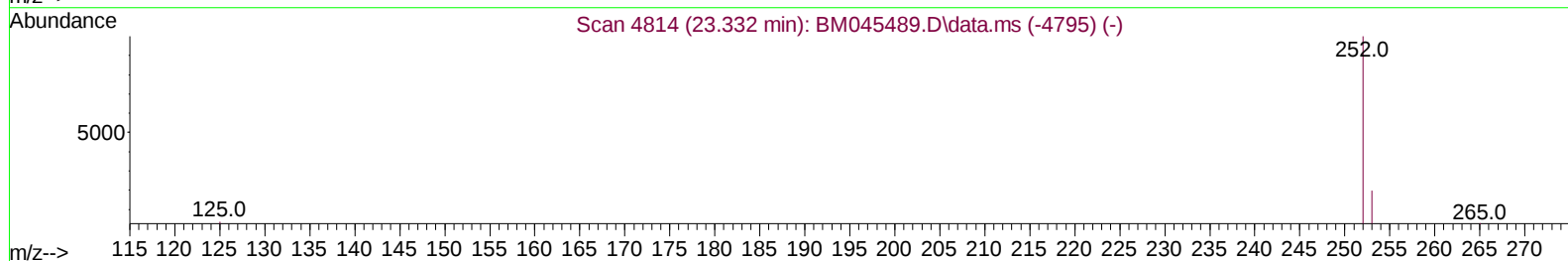
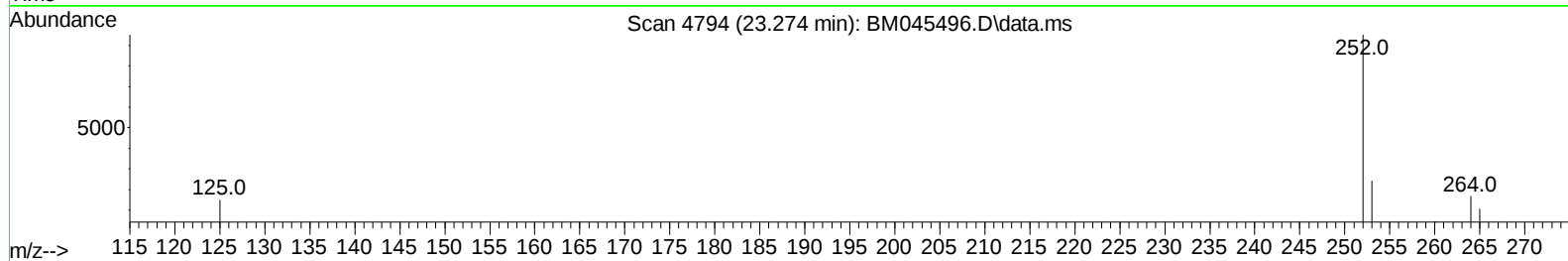
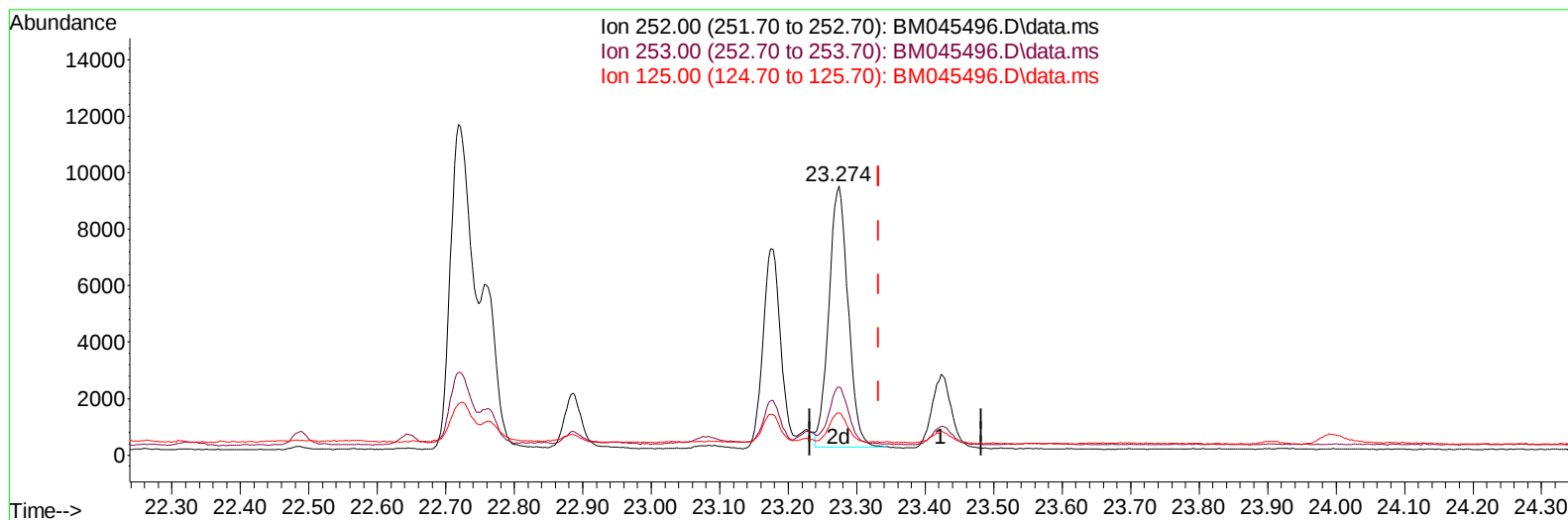
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TIC: BM045496.D\data.ms

(26) Benzo(a)pyrene (C)

23.274min (-0.058) 1.68 ng/u1 m

response 18042

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	39.50	25.30#
125.00	24.40	15.71#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	1049	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.314	136	3447	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.205	164	2074	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.963	188	4479m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.184	240	3144	0.400	ng/ul	-0.03
23) Perylene-d12	23.373	264	3085m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	6316	4.492	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152	1566	0.344	ng/ul	-0.06
18) Fluoranthene-d10	19.006	212	3501	0.354	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	78824	8.515	ng/ul#	86
7) 2-Methylnaphthalene	11.997	142	3110	0.588	ng/ul	99
8) 1-Methylnaphthalene	12.217	142	1897	0.320	ng/ul	96
10) Acenaphthylene	13.918	152	1578	0.154	ng/ul	95
11) Acenaphthene	14.265	153	844	0.111	ng/ul	99
12) Fluorene	15.264	166	2873	0.354	ng/ul	99
15) Phenanthrene	17.005	178	14713m	1.128	ng/ul	
16) Anthracene	17.098	178	4515m	0.370	ng/ul	
19) Fluoranthene	19.038	202	20950	1.444	ng/ul#	91
20) Pyrene	19.401	202	18628	1.249	ng/ul#	94
21) Benzo(a)anthracene	21.170	228	12448	1.239	ng/ul	97
22) Chrysene	21.219	228	13181	0.853	ng/ul	99
24) Benzo(b)fluoranthene	22.718	252	25509	2.458	ng/ul	90
25) Benzo(k)fluoranthene	22.756	252	8207m	0.626	ng/ul	
26) Benzo(a)pyrene	23.274	252	18042m	1.676	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.558	276	16091	1.029	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.575	278	3720	0.300	ng/ul	95
29) Benzo(g,h,i)perylene	26.229	276	14220	1.012	ng/ul	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045496.D
Acq On : 23 Apr 2024 01:28
Operator : MA/JU
Sample : P2037-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY5

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:07 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

