

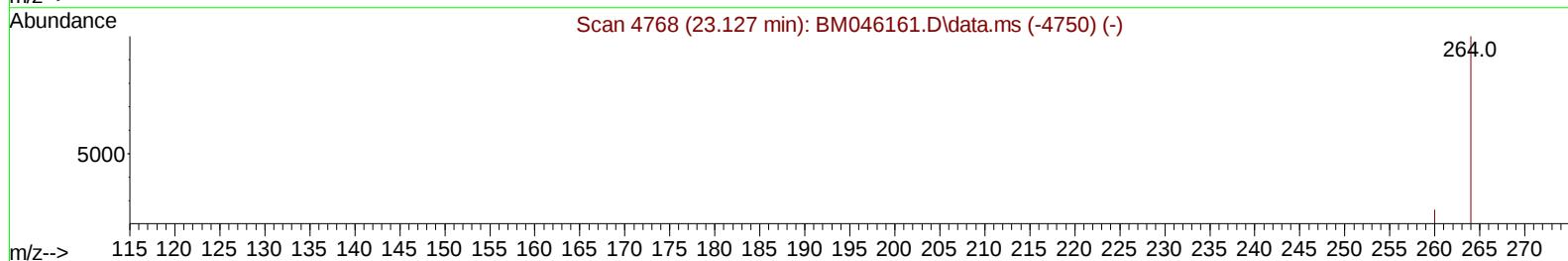
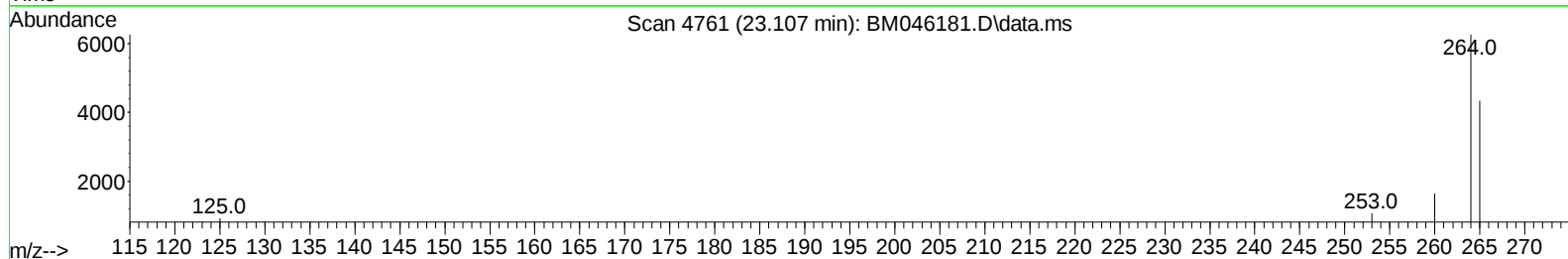
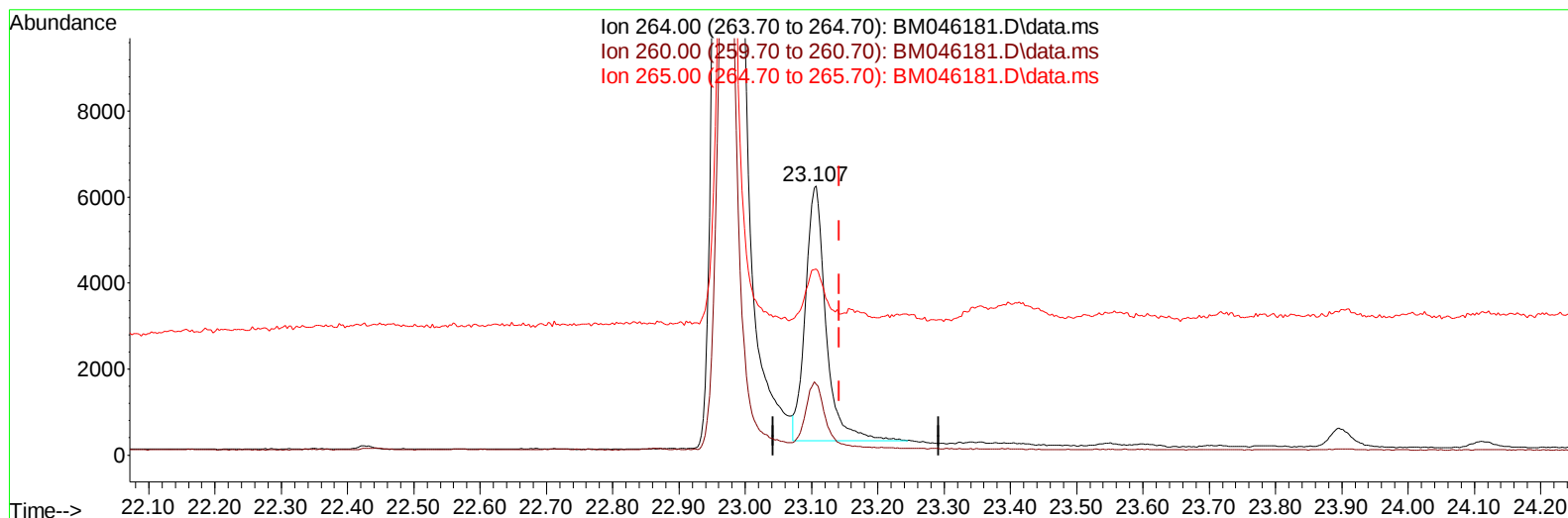
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046181.D
Acq On : 22 Jun 2024 04:44
Operator : MA/JU
Sample : P2710-24DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B88DL

Manual IntegrationsAPPROVED

Quant Time: Jun 22 05:17:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BM046181.D\data.ms

(23) Perylene-d12 (I)

23.107min (-0.036) 0.40 ng/u1

response 12725

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.38
265.00	110.60	69.24#
0.00	0.00	0.00

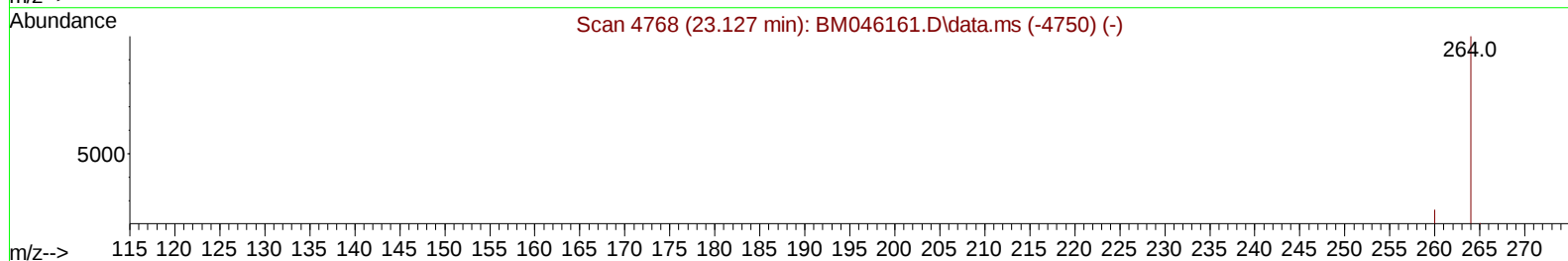
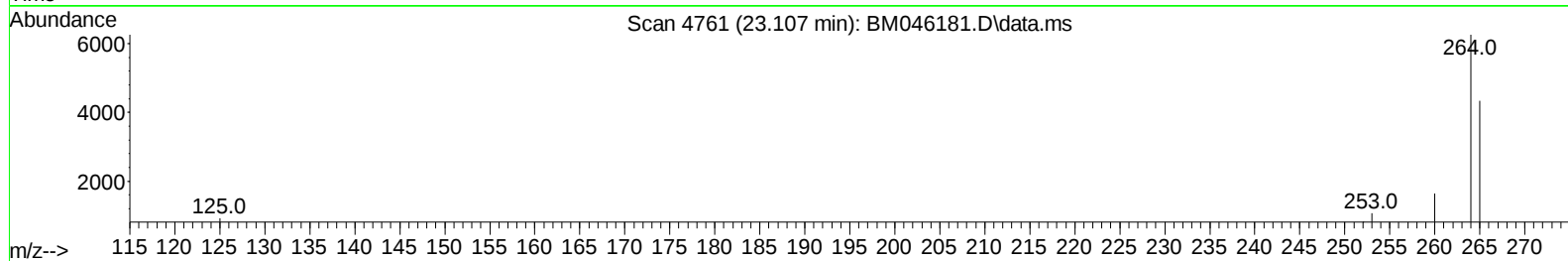
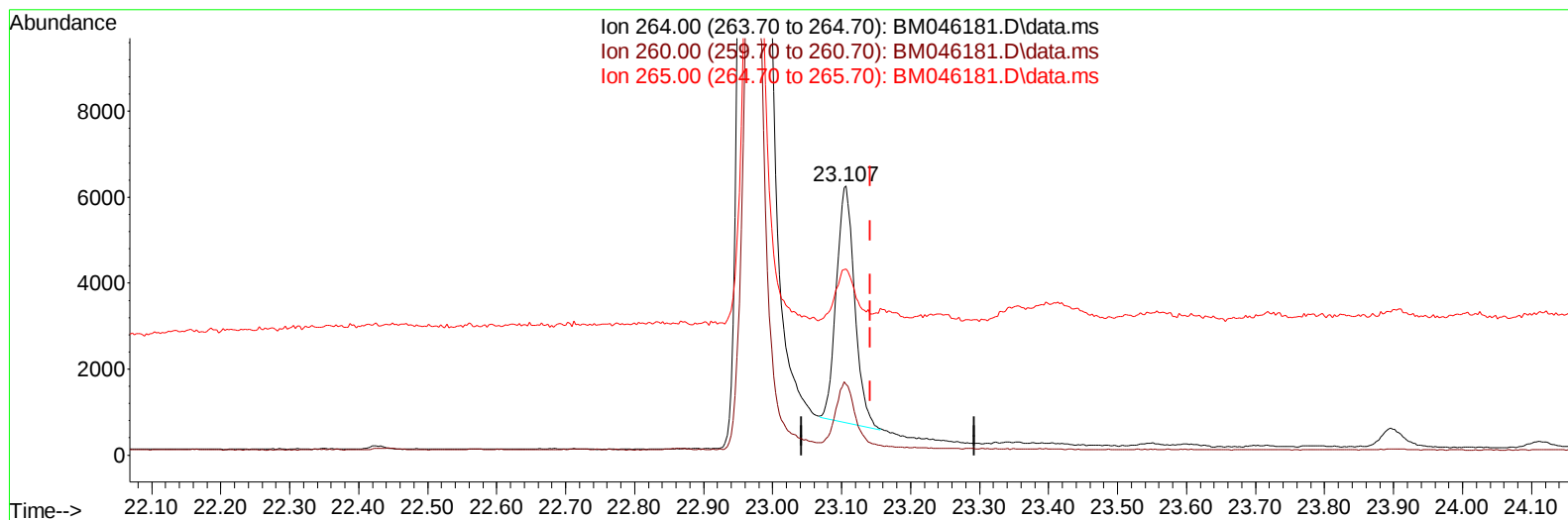
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Operator : MA/JU
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM046181.D\data.ms

(23) Perylene-d12 (I)

23.107min (-0.036) 0.40 ng/ul m

response 10133

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.38
265.00	110.60	69.24#
0.00	0.00	0.00

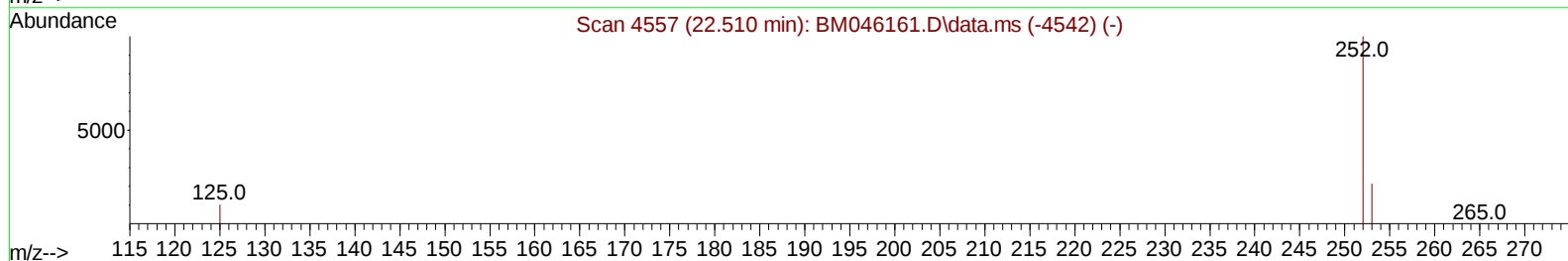
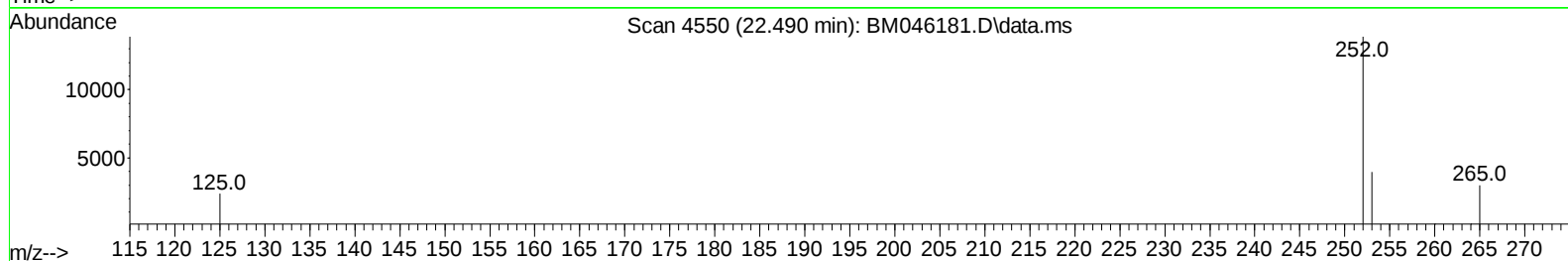
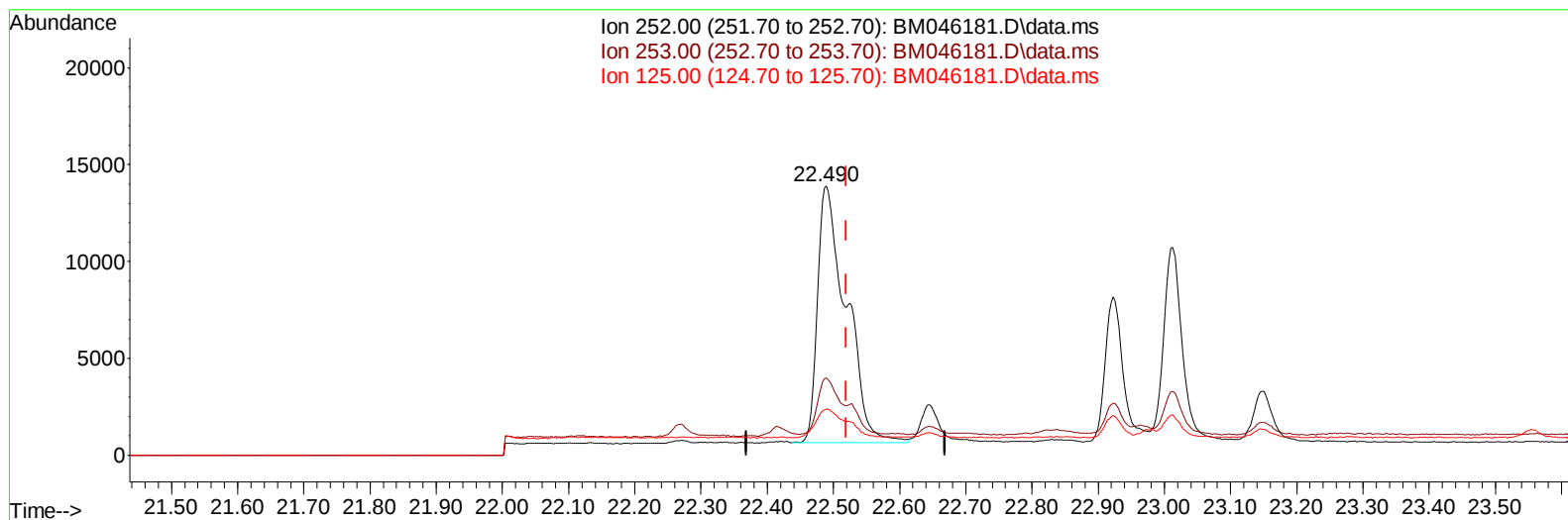
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Instrument :
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ClientSampleId :
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TIC: BM046181.D\data.ms

(24) Benzo(b)fluoranthene

22.490min (-0.030) 1.09 ng/u1

response 39661

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	28.58
125.00	20.10	17.05
0.00	0.00	0.00

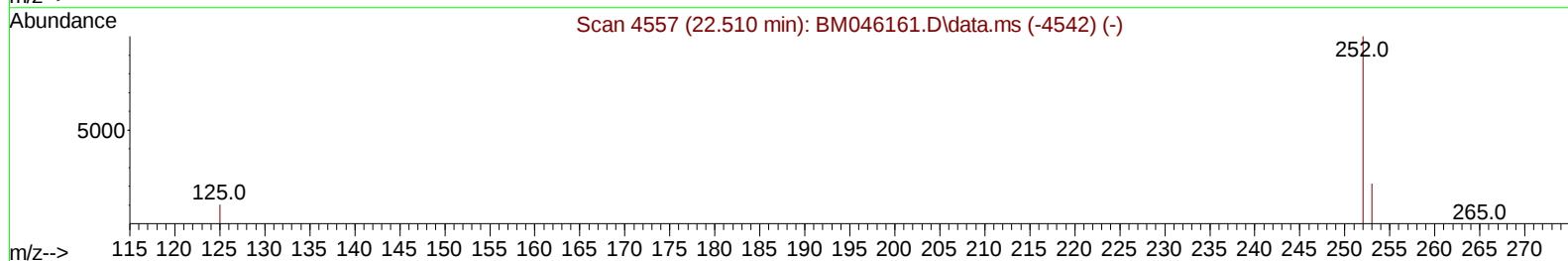
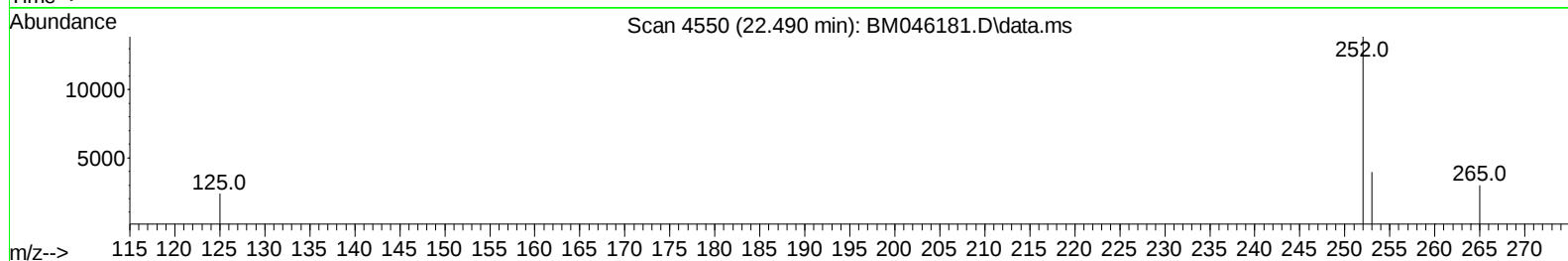
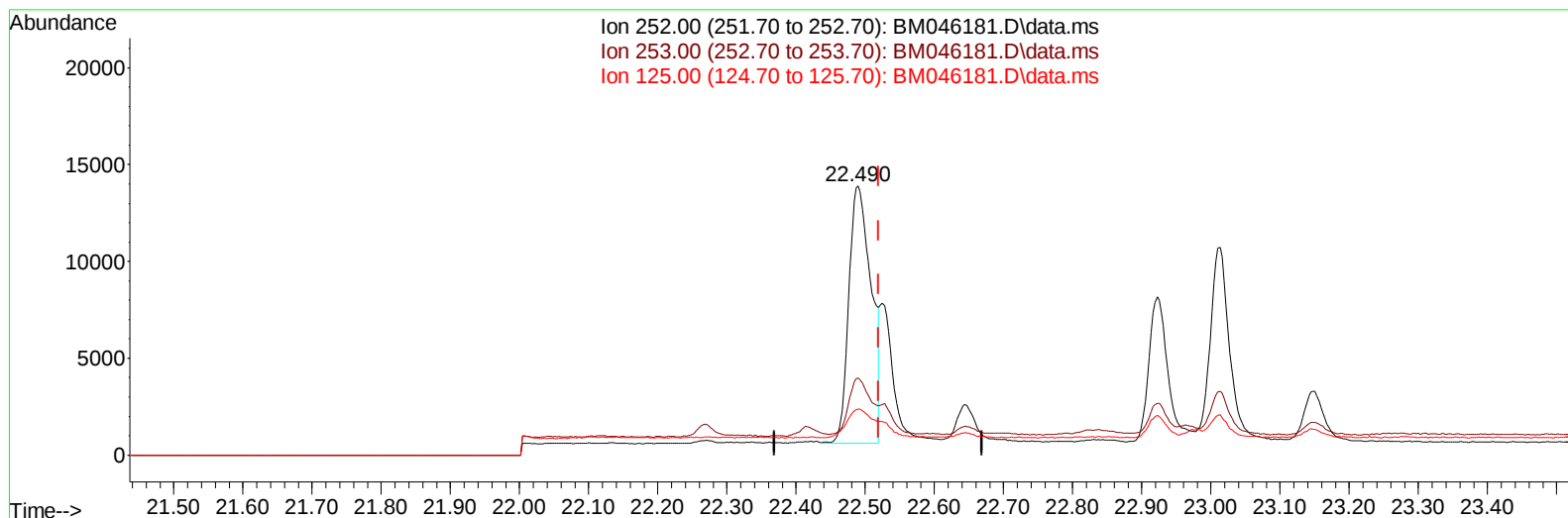
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046181.D
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 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/24/2024



TIC: BM046181.D\data.ms

(24) Benzo(b)fluoranthene

22.490min (-0.030) 0.82 ng/u1 m

response 29945

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	28.58
125.00	20.10	17.05
0.00	0.00	0.00

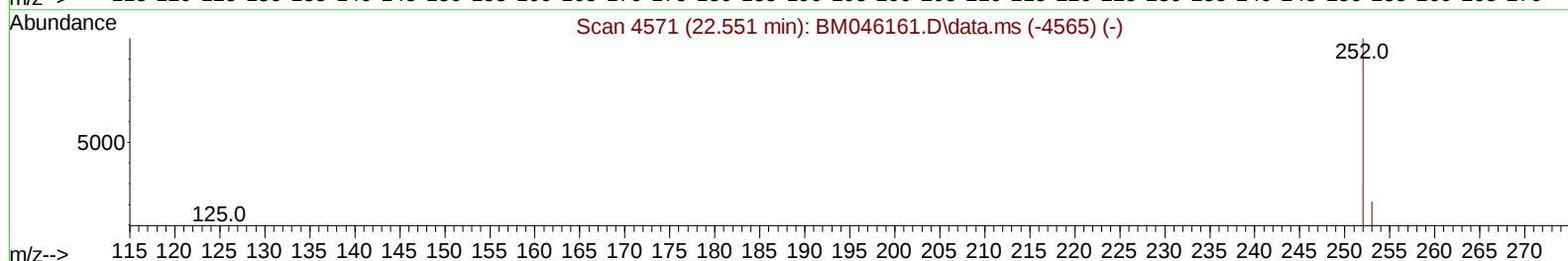
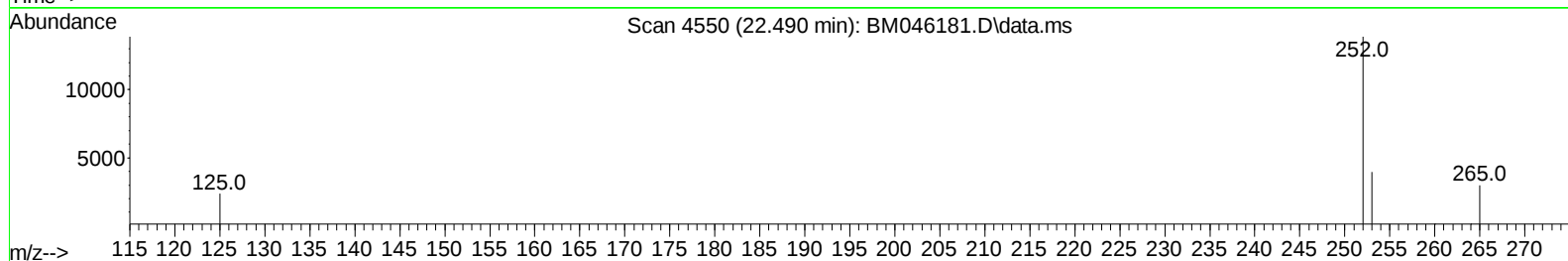
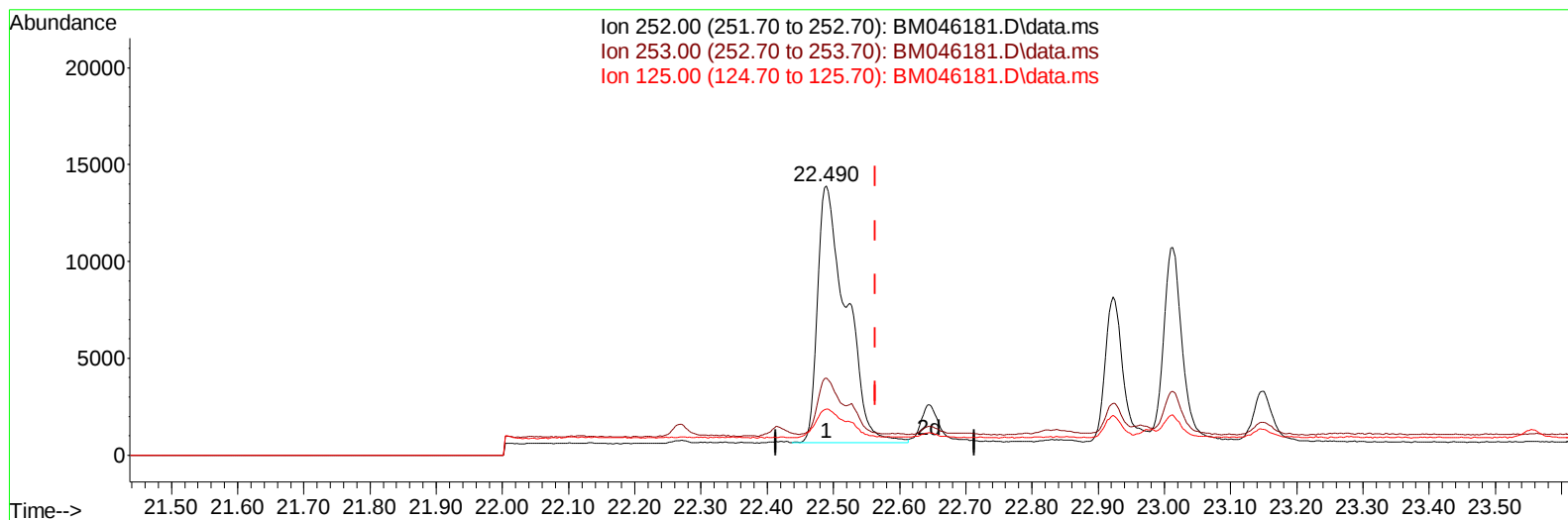
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Data File : BM046181.D
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Operator : MA/JU
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B88DL

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TIC: BM046181.D\data.ms

(25) Benzo(k)fluoranthene

22.490min (-0.074) 0.91 ng/u1

response 39661

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	28.58
125.00	20.80	17.05
0.00	0.00	0.00

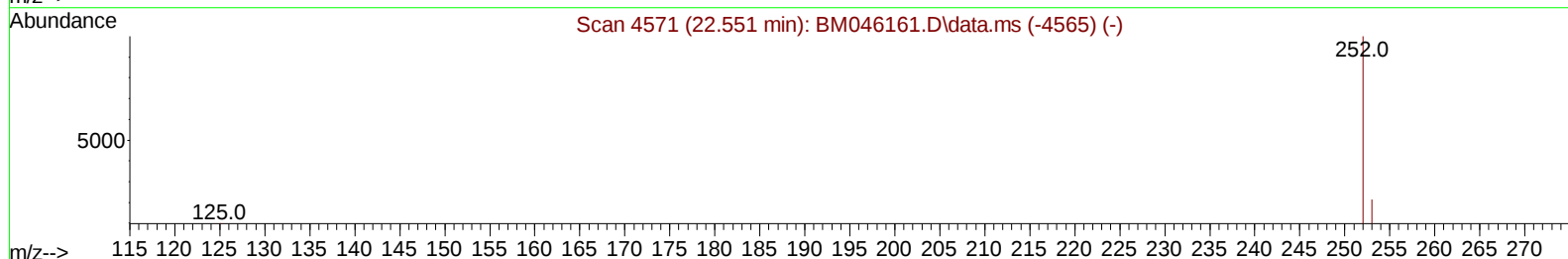
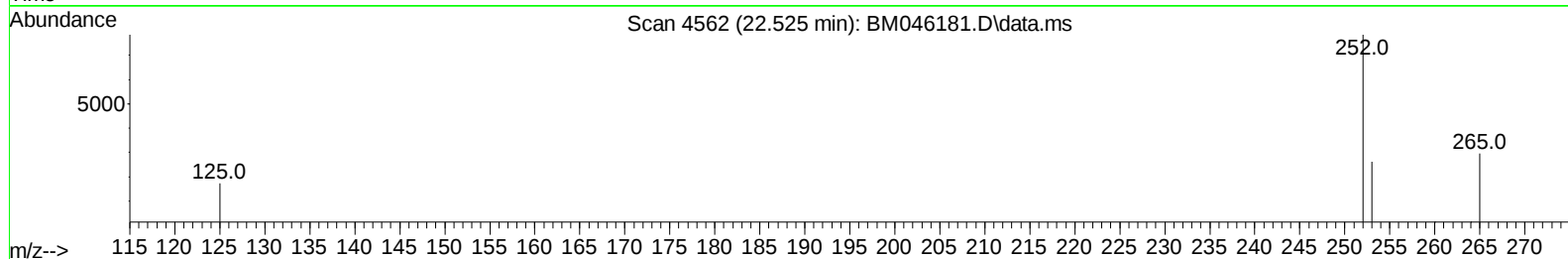
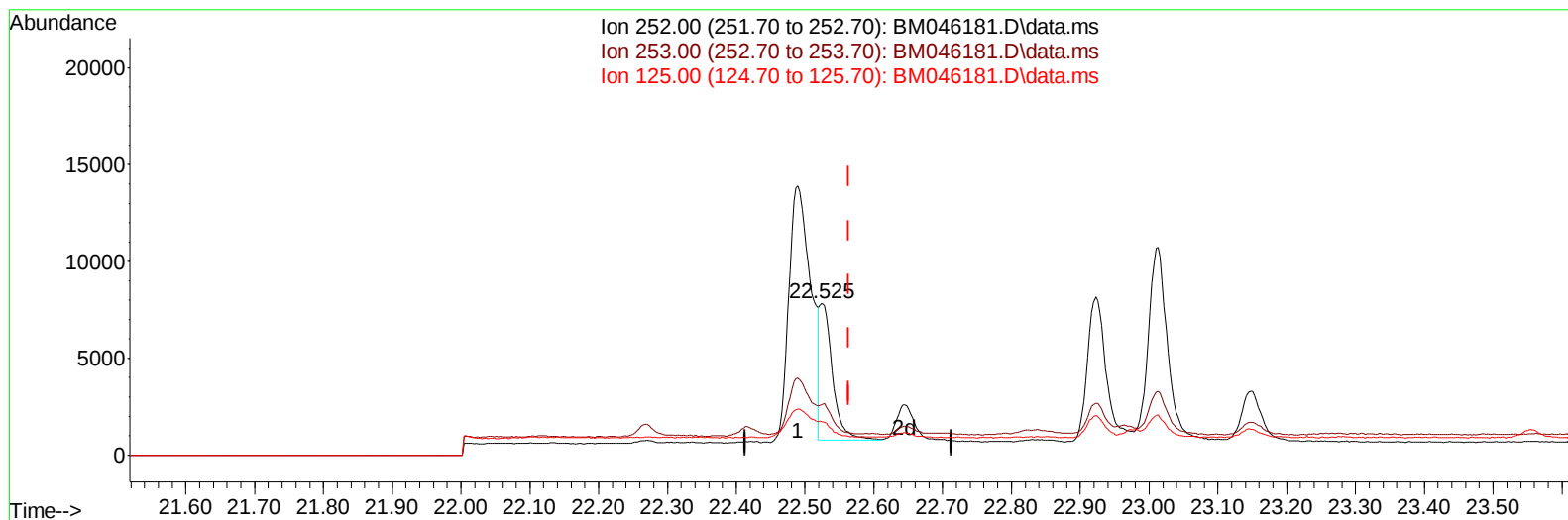
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
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Operator : MA/JU
Sample : P2710-24DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B88DL

Manual IntegrationsAPPROVED

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QLast Update : Sat Jun 22 02:10:56 2024
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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046181.D\data.ms

(25) Benzo(k)fluoranthene

22.525min (-0.039) 0.21 ng/u1 m

response 9261

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	33.21
125.00	20.80	22.06
0.00	0.00	0.00

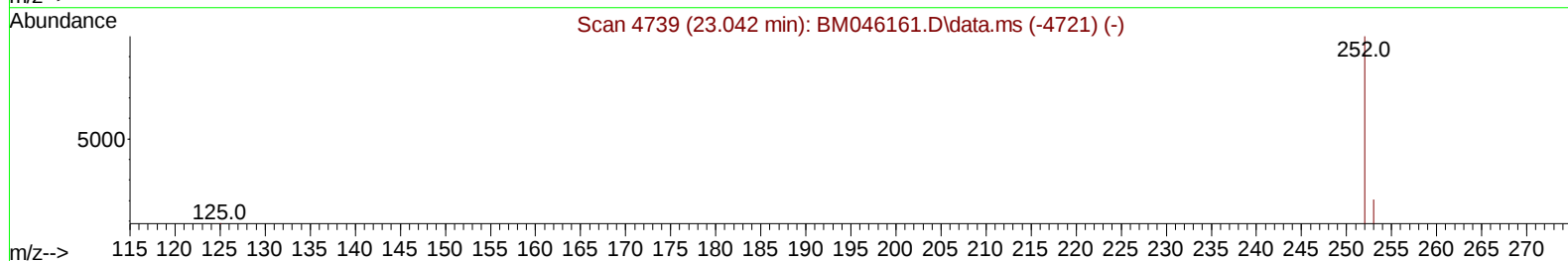
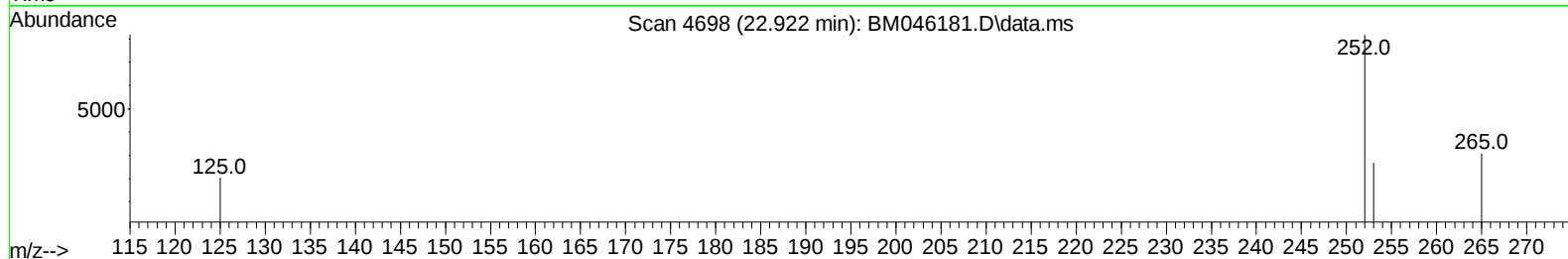
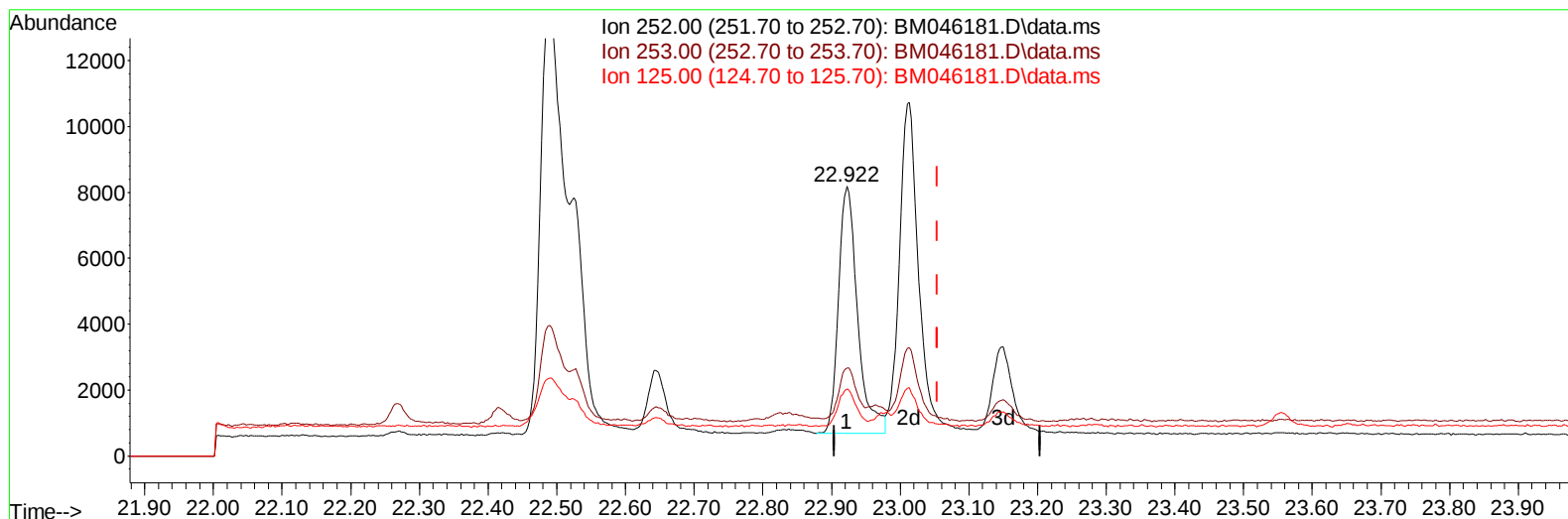
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM046181.D\data.ms

(26) Benzo(a)pyrene (C)

22.922min (-0.132) 0.43 ng/u1

response 14513

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	32.67
125.00	26.50	24.94
0.00	0.00	0.00

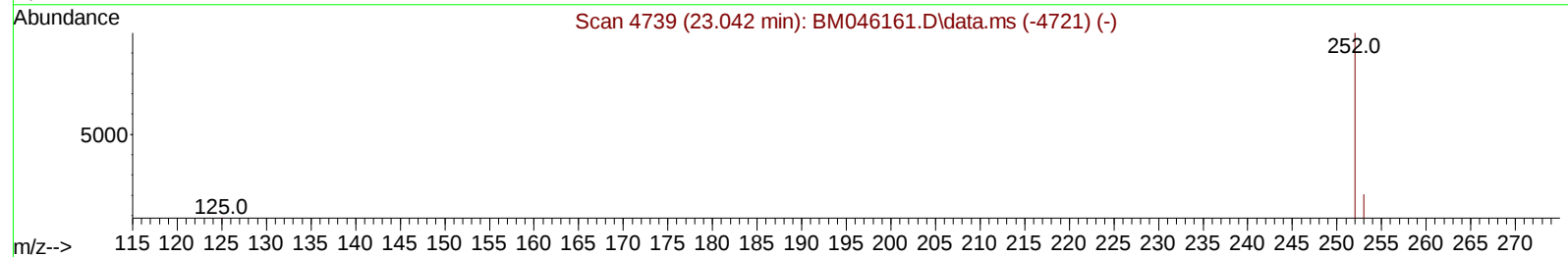
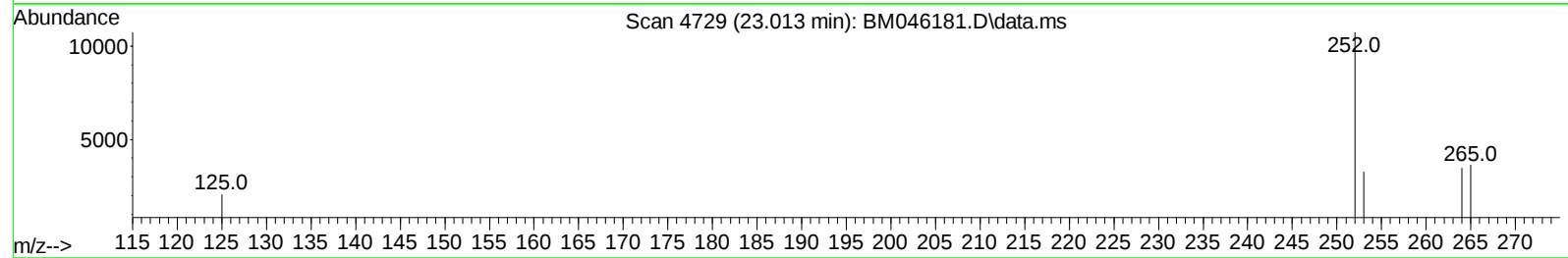
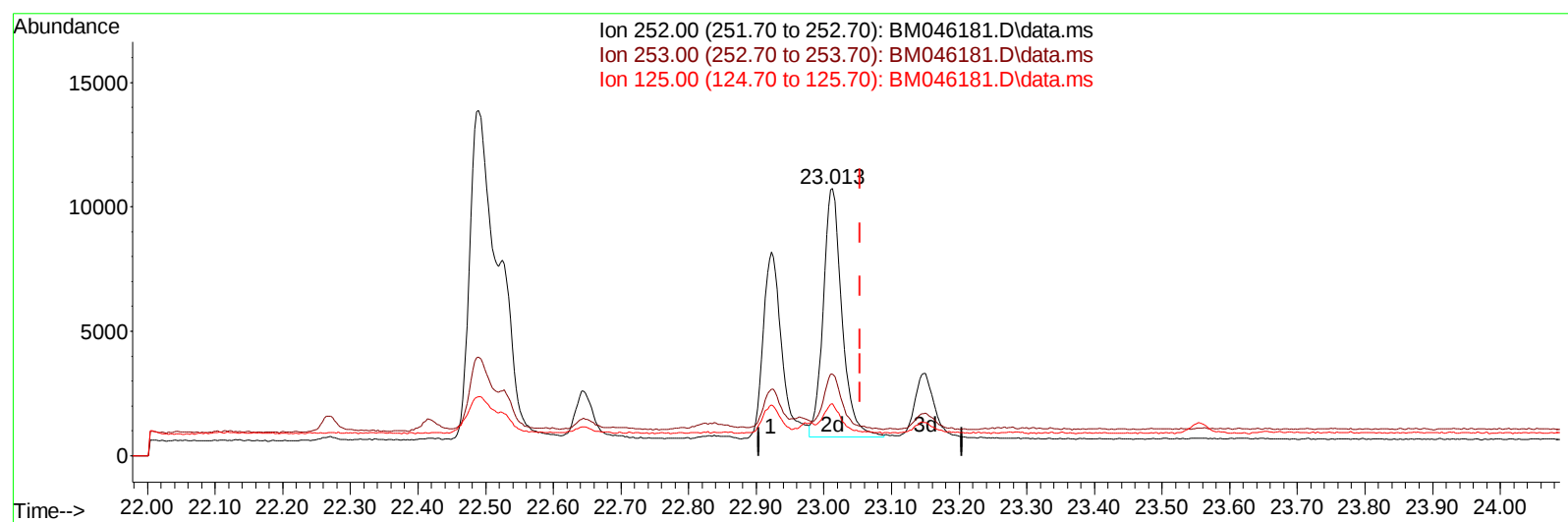
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Data File : BM046181.D
Acq On : 22 Jun 2024 04:44
Operator : MA/JU
Sample : P2710-24DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B88DL

Manual IntegrationsAPPROVED

Quant Time: Jun 22 05:17:21 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046181.D\data.ms

(26) Benzo(a)pyrene (C)

23.013min (-0.041) 0.57 ng/u1 m

response 19298

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	30.65#
125.00	26.50	19.39#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2710-24DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
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 A4B88DL

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	3424	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.216	136	9833	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.072	164	5615	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.820	188	11009	0.400	ng/ul	-0.04
17) Chrysene-d12	21.014	240	8996	0.400	ng/ul	-0.03
23) Perylene-d12	23.107	264	10133m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	3331	0.709	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	692	0.052	ng/ul	0.00
18) Fluoranthene-d10	18.849	212	1513	0.056	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.260	128	614	0.022	ng/ul#	58
10) Acenaphthylene	13.794	152	1254	0.047	ng/ul#	80
11) Acenaphthene	14.136	153	851	0.044	ng/ul	96
12) Fluorene	15.136	166	1336	0.065	ng/ul#	97
15) Phenanthrene	16.858	178	27228	0.880	ng/ul	96
16) Anthracene	16.951	178	5105	0.222	ng/ul#	94
19) Fluoranthene	18.877	202	48216	1.238	ng/ul	98
20) Pyrene	19.239	202	41934	0.995	ng/ul	97
21) Benzo(a)anthracene	21.000	228	20410	0.587	ng/ul	99
22) Chrysene	21.052	228	20601	0.465	ng/ul	98
24) Benzo(b)fluoranthene	22.490	252	29945m	0.820	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	9261m	0.213	ng/ul	
26) Benzo(a)pyrene	23.013	252	19298m	0.570	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.155	276	14419	0.260	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.158	278	3283	0.080	ng/ul#	67
29) Benzo(g,h,i)perylene	25.779	276	14307	0.301	ng/ul	98

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

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