

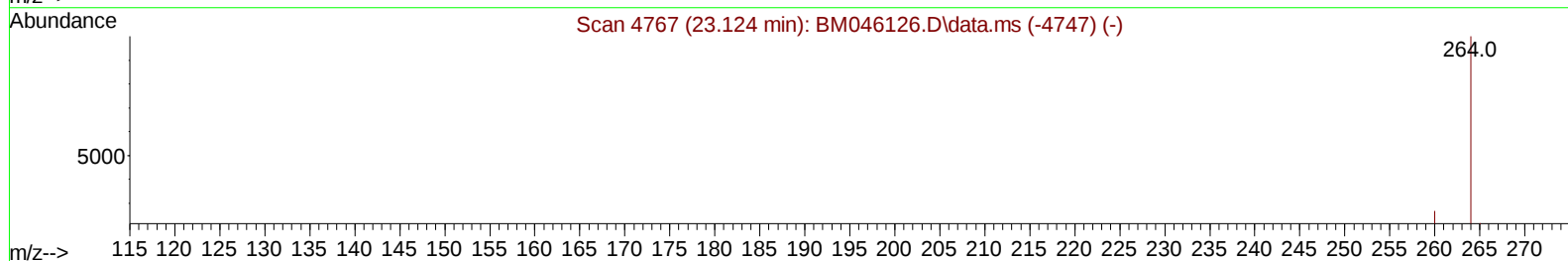
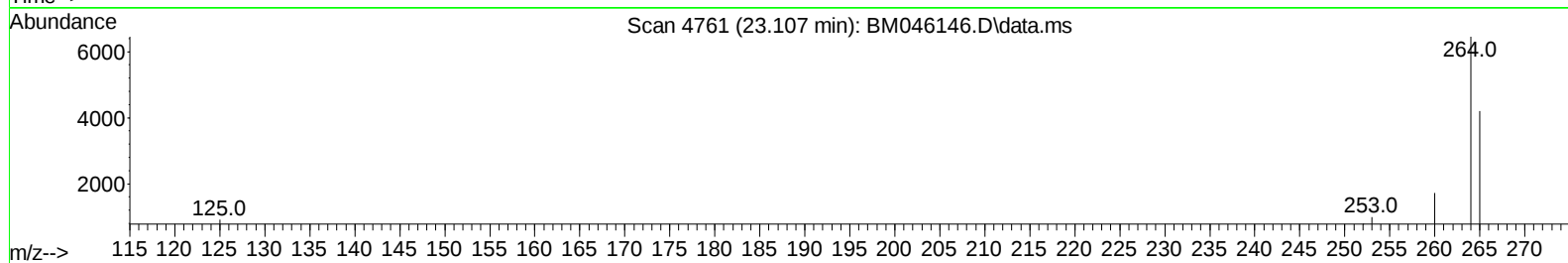
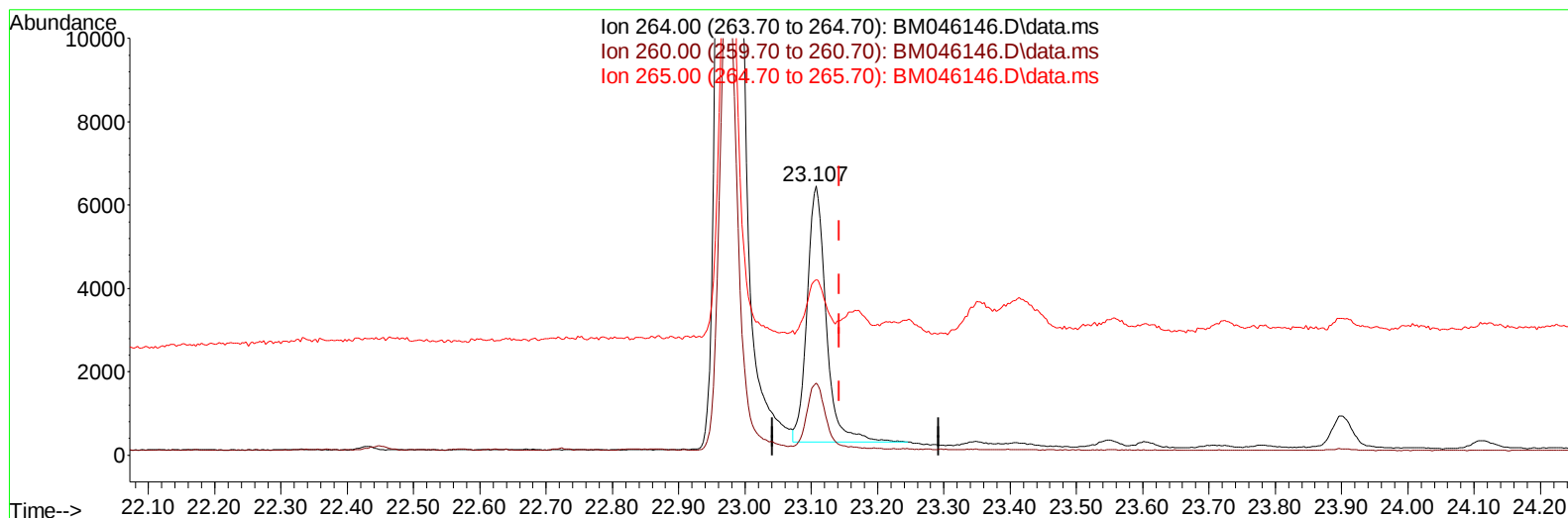
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046146.D
Acq On : 21 Jun 2024 05:42
Operator : MA/JU
Sample : P2710-08DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL7DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 06:14:00 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration



TIC: BM046146.D\data.ms

(23) Perylene-d12 (I)

23.107min (-0.035) 0.40 ng/u1

response 12119

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.76
265.00	110.60	65.15#
0.00	0.00	0.00

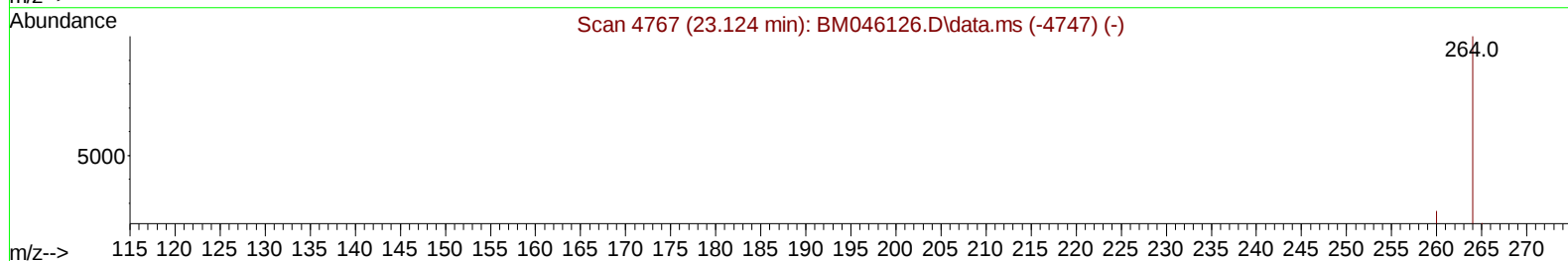
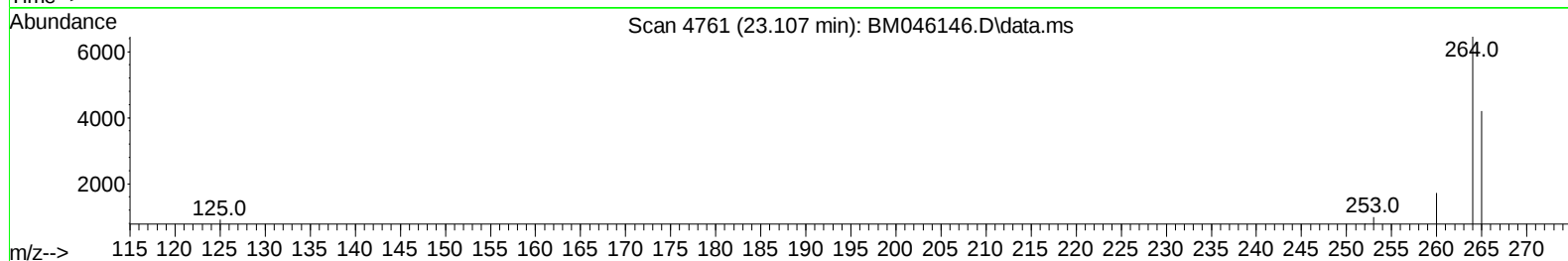
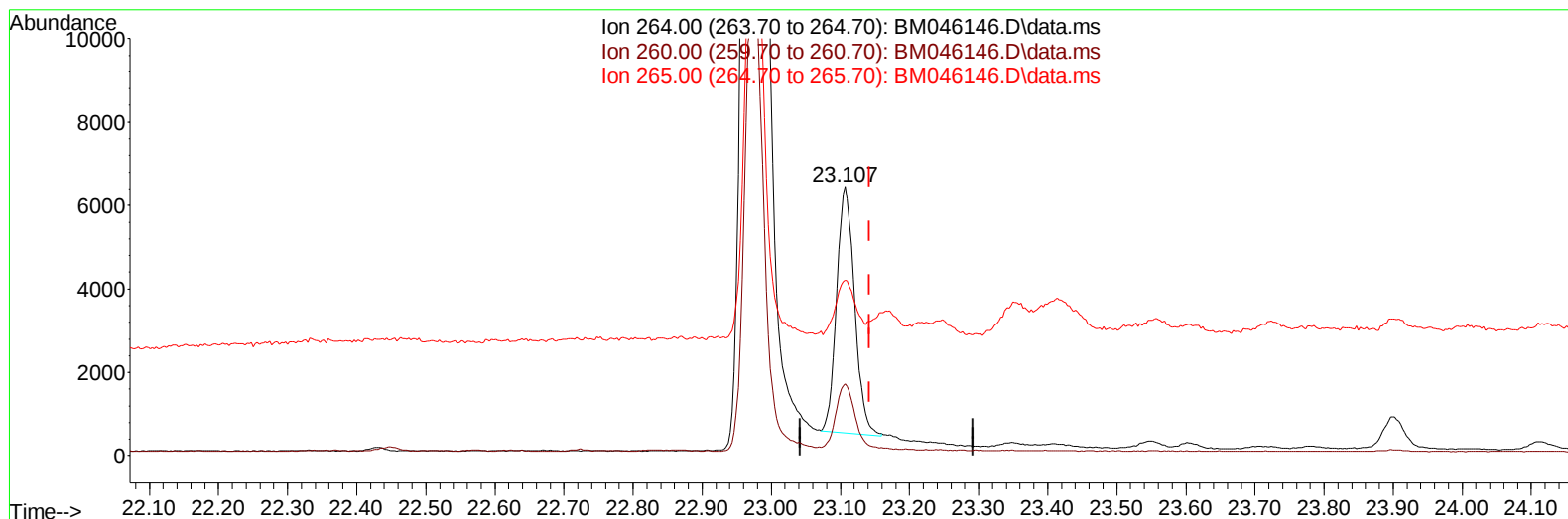
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TIC: BM046146.D\data.ms

(23) Perylene-d12 (I)

23.107min (-0.035) 0.40 ng/ul m

response 10560

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.76
265.00	110.60	65.15#
0.00	0.00	0.00

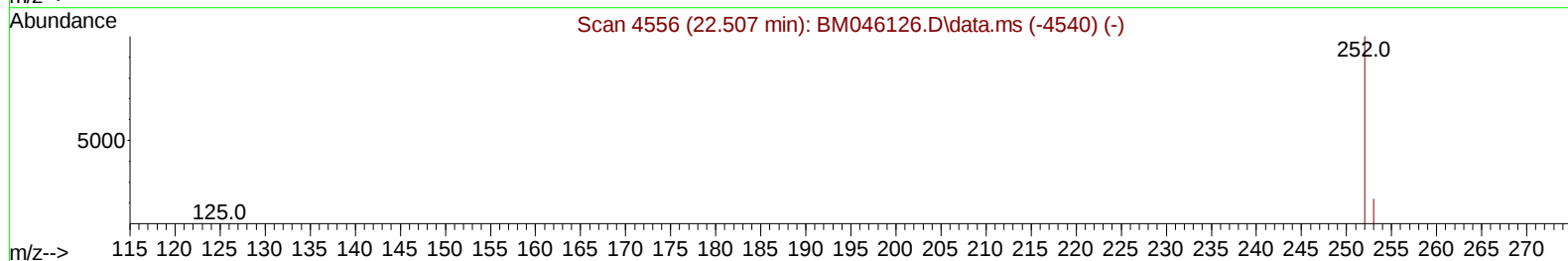
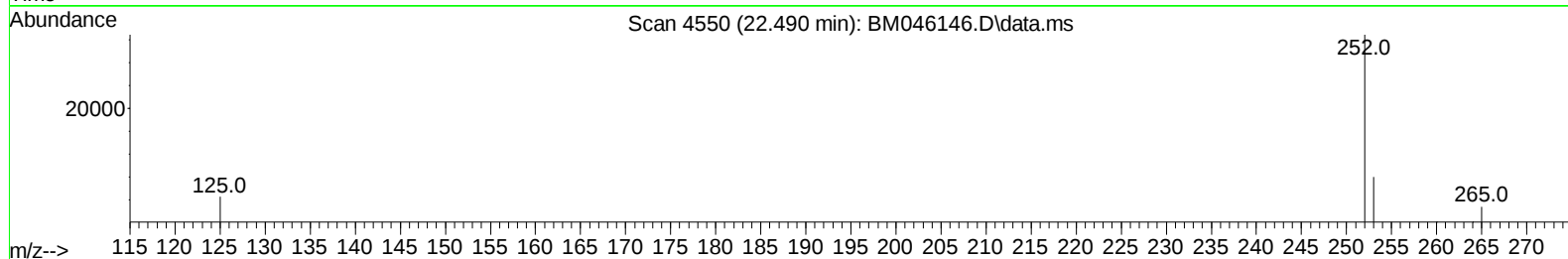
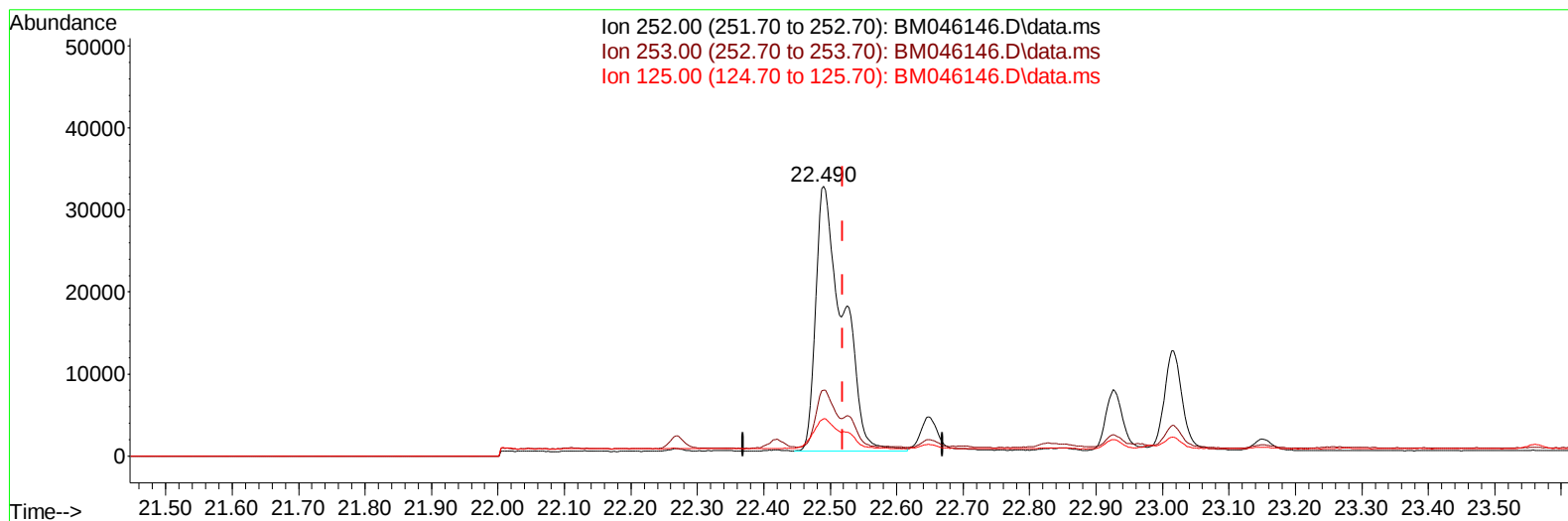
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TIC: BM046146.D\data.ms

(24) Benzo(b)fluoranthene

22.490min (-0.029) 2.43 ng/u1

response 92356

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.50
125.00	20.10	13.72
0.00	0.00	0.00

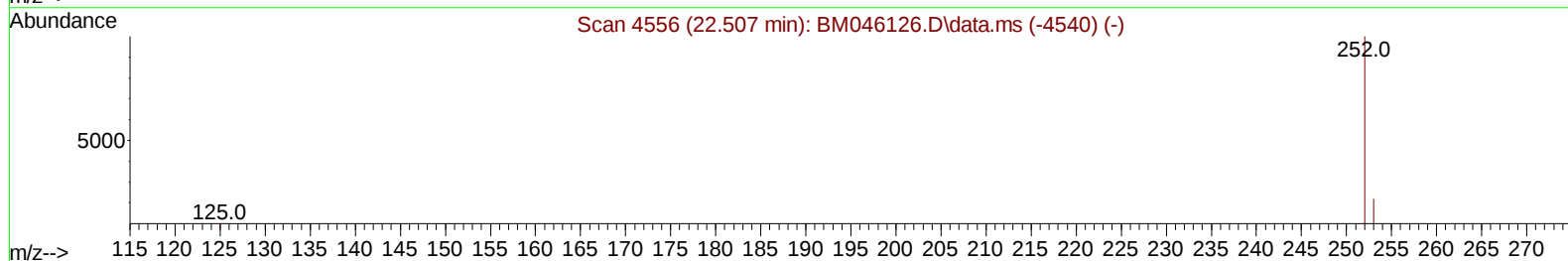
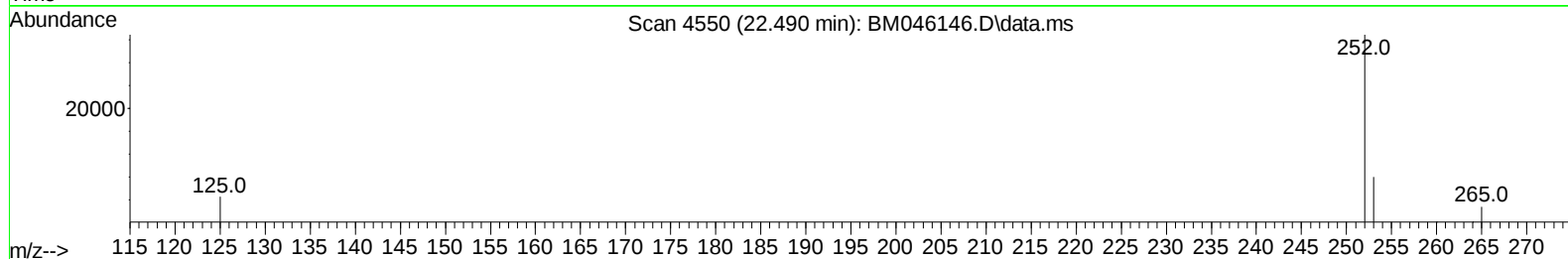
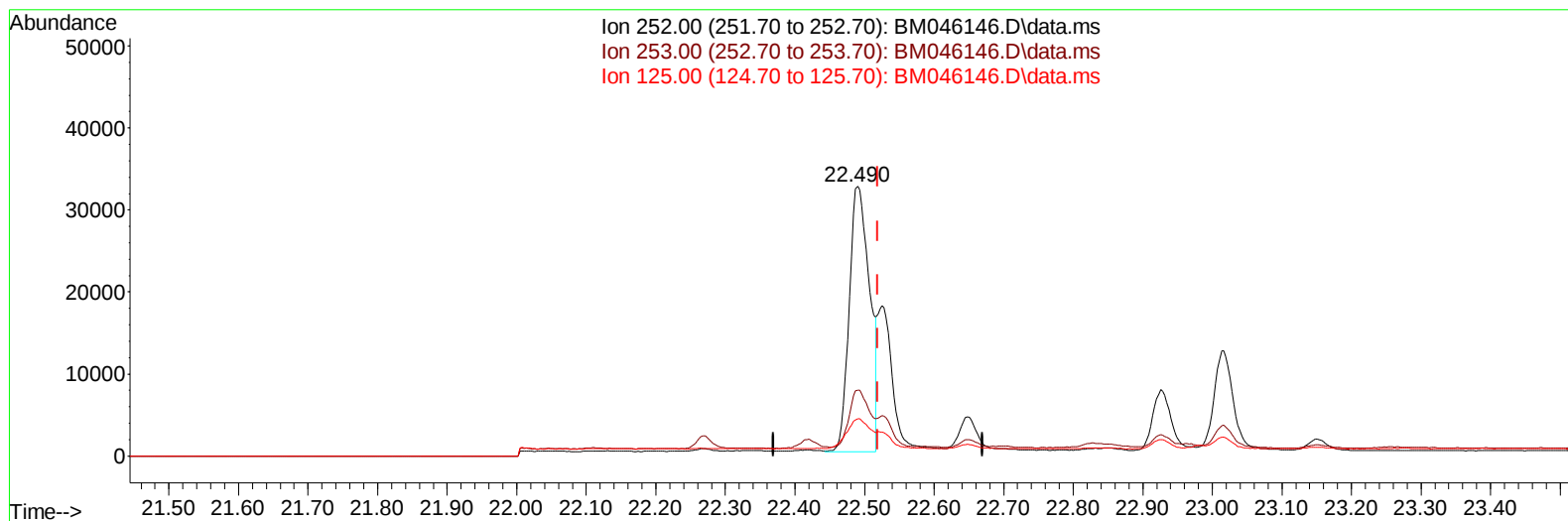
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046146.D
Acq On : 21 Jun 2024 05:42
Operator : MA/JU
Sample : P2710-08DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL7DL

Manual IntegrationsAPPROVED

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TIC: BM046146.D\data.ms

(24) Benzo(b)fluoranthene

22.490min (-0.029) 1.74 ng/u1 m

response 66134

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.50
125.00	20.10	13.72
0.00	0.00	0.00

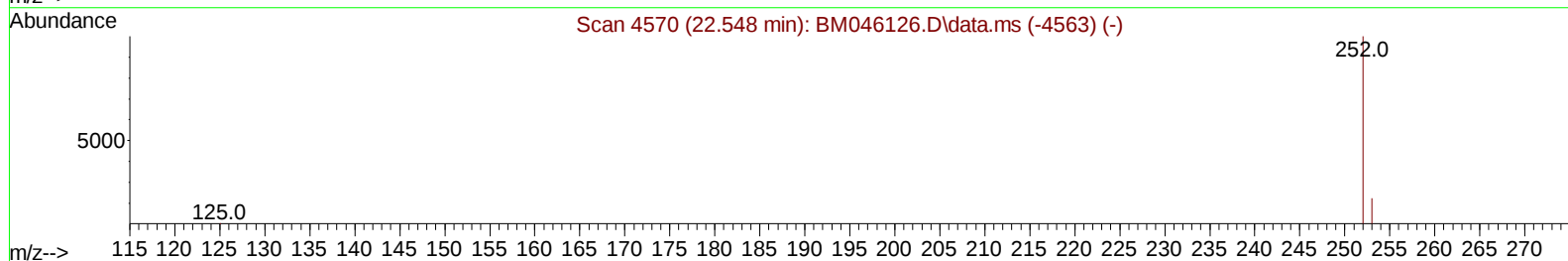
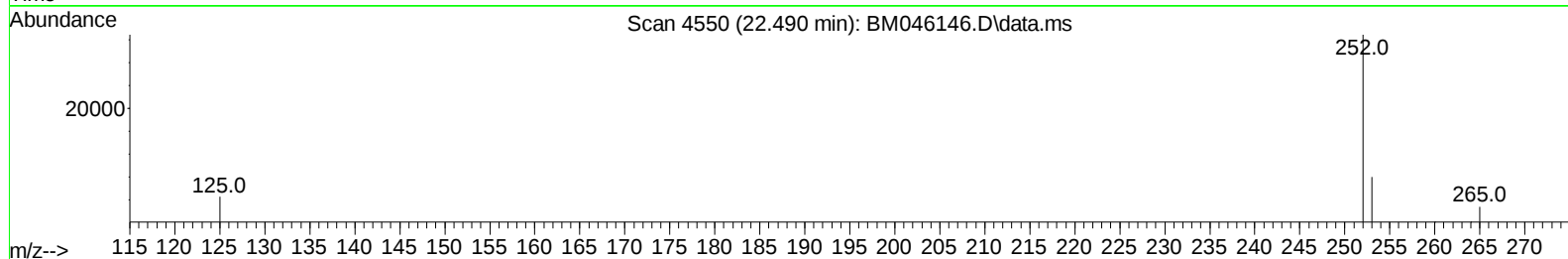
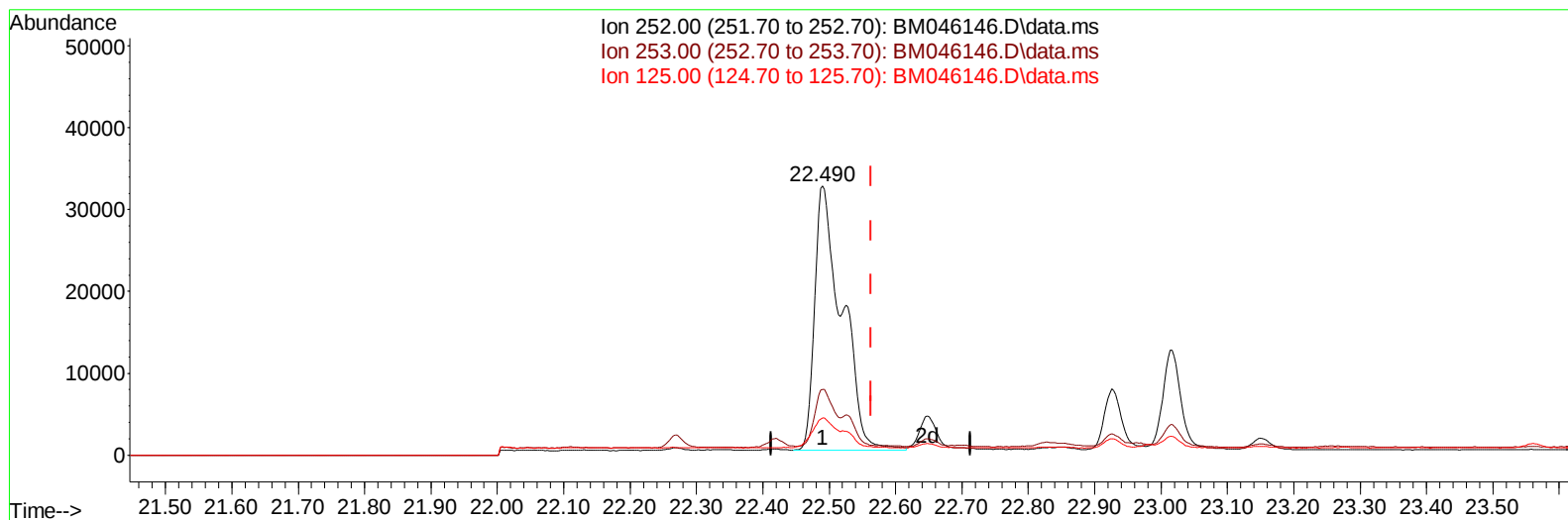
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
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 Operator : MA/JU
 Sample : P2710-08DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL7DL

Manual IntegrationsAPPROVED

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TIC: BM046146.D\data.ms

(25) Benzo(k)fluoranthene

22.490min (-0.073) 2.04 ng/u1

response 92356

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.50#
125.00	20.80	13.72#
0.00	0.00	0.00

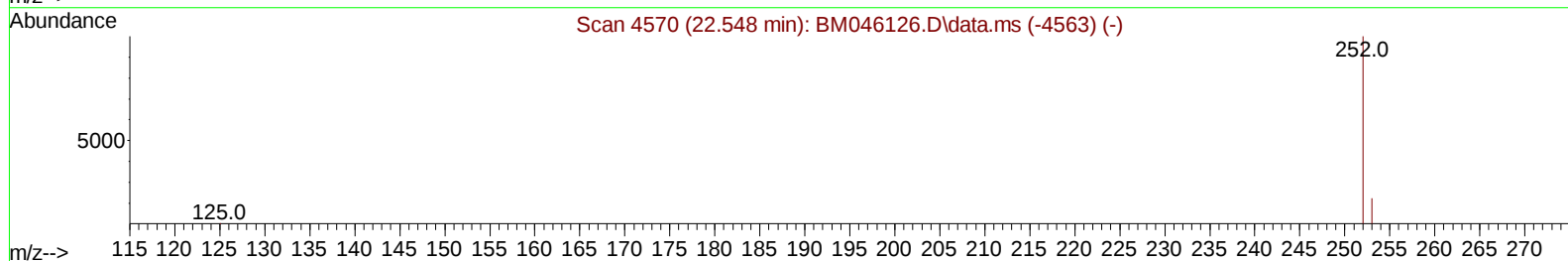
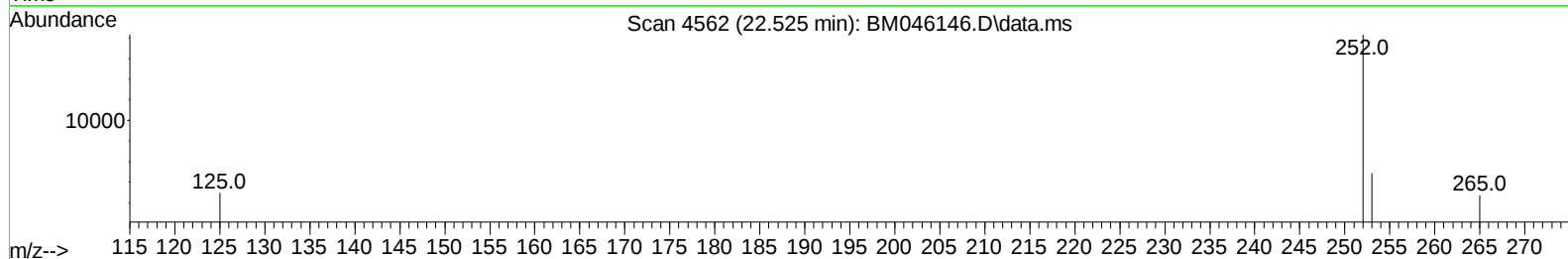
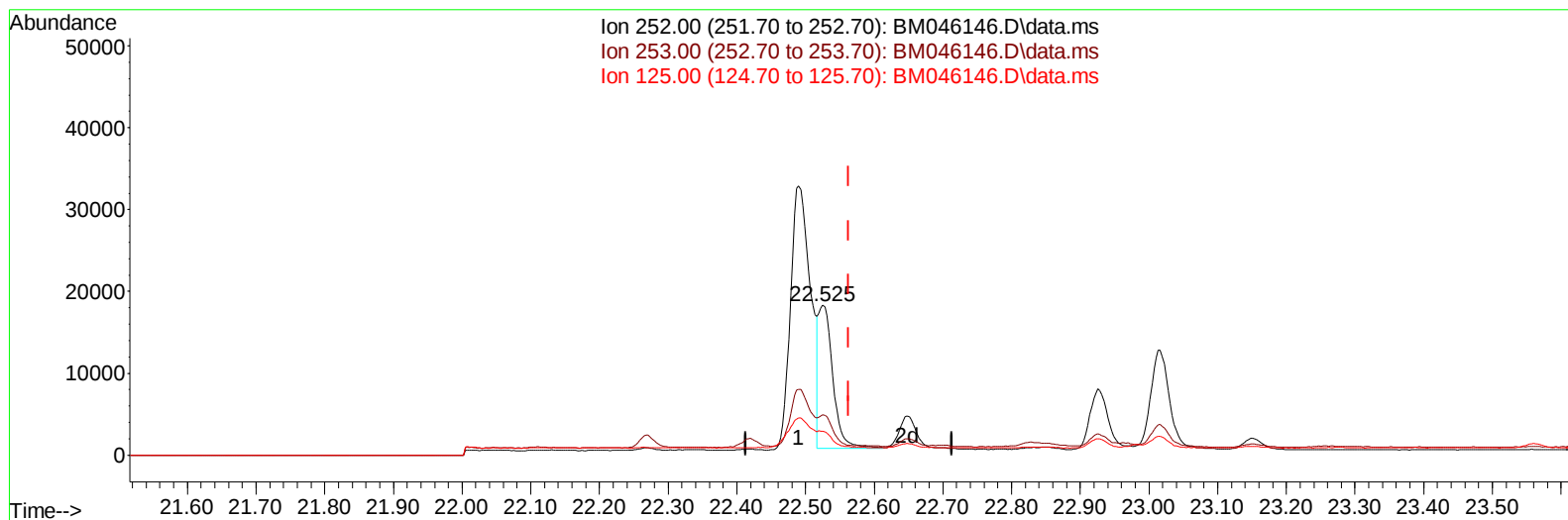
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046146.D
 Acq On : 21 Jun 2024 05:42
 Operator : MA/JU
 Sample : P2710-08DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL7DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/24/2024



TIC: BM046146.D\data.ms

(25) Benzo(k)fluoranthene

22.525min (-0.038) 0.56 ng/u1 m

response 25185

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	26.71#
125.00	20.80	16.10#
0.00	0.00	0.00

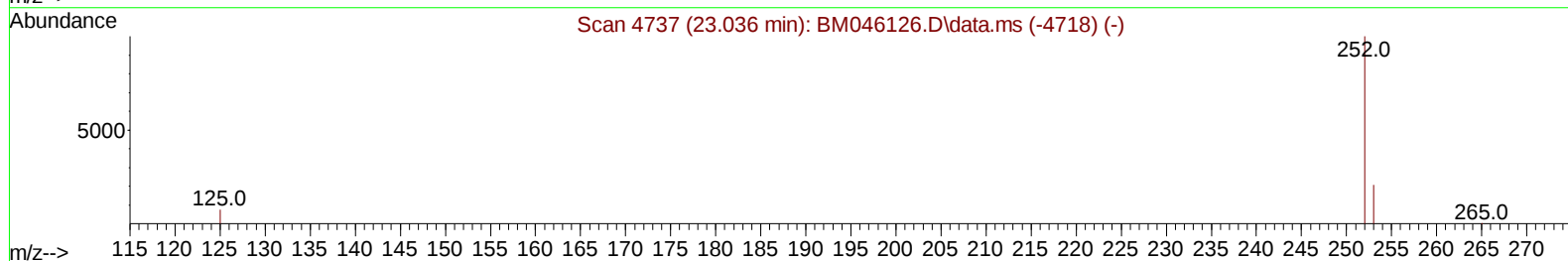
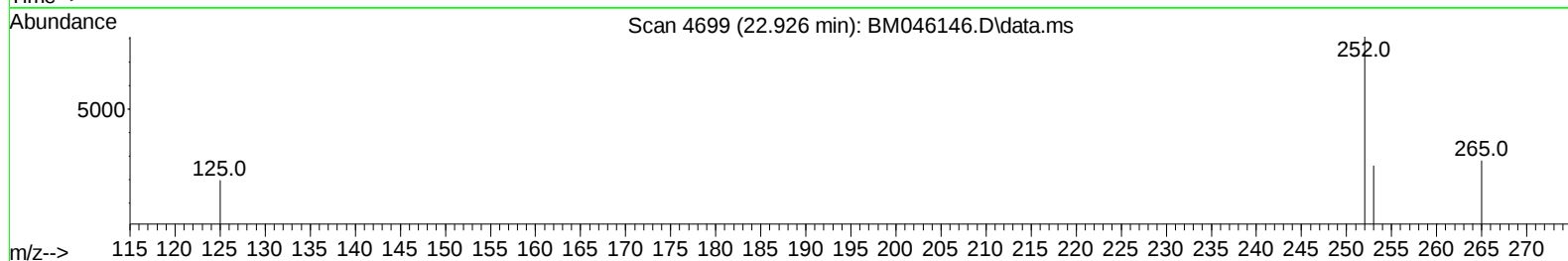
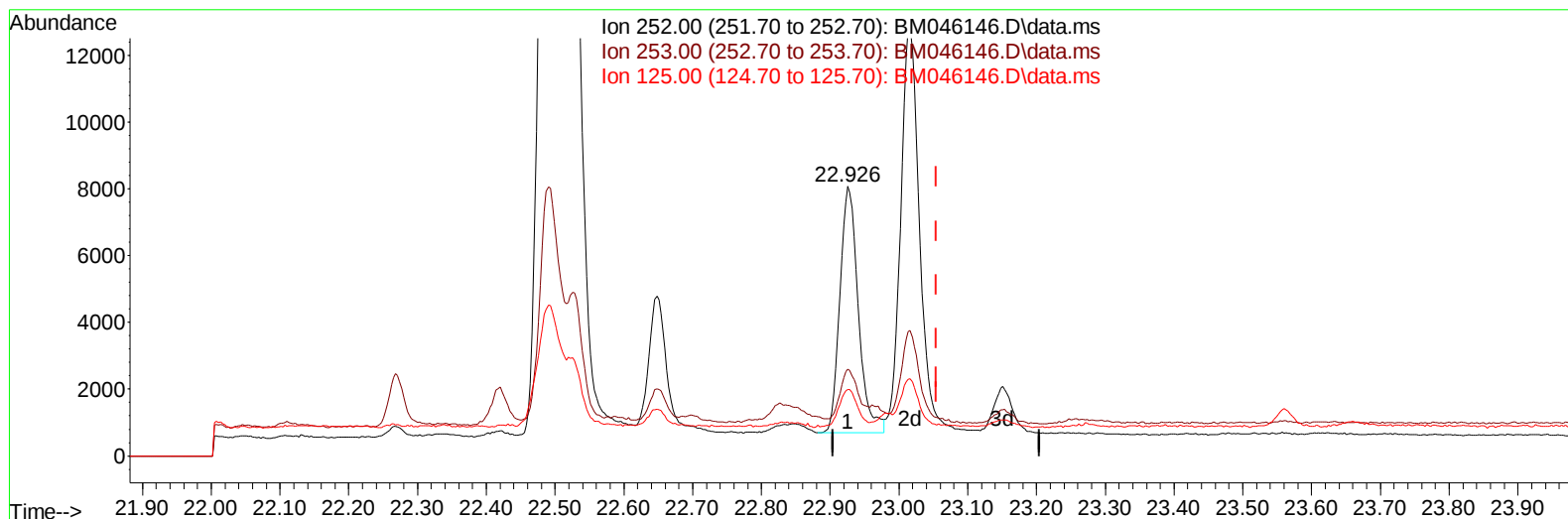
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL7DL

Manual IntegrationsAPPROVED

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TIC: BM046146.D\data.ms

(26) Benzo(a)pyrene (C)

22.926min (-0.129) 0.39 ng/u1

response 13722

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	32.19
125.00	26.50	24.67
0.00	0.00	0.00

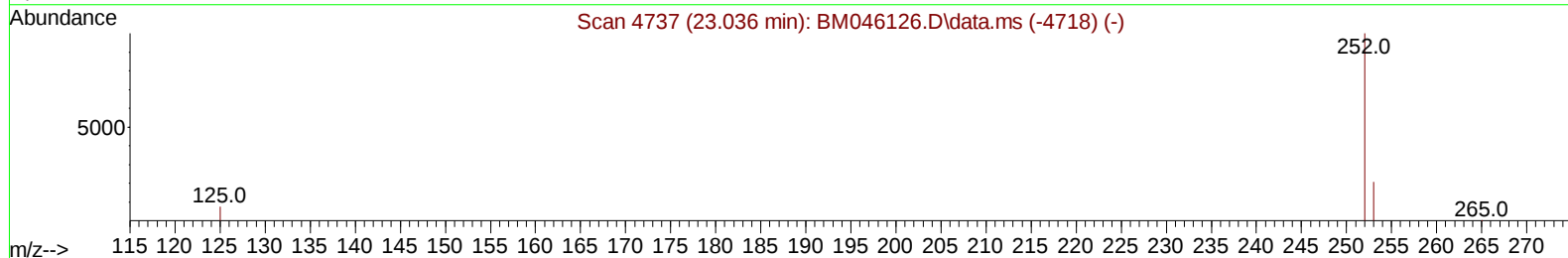
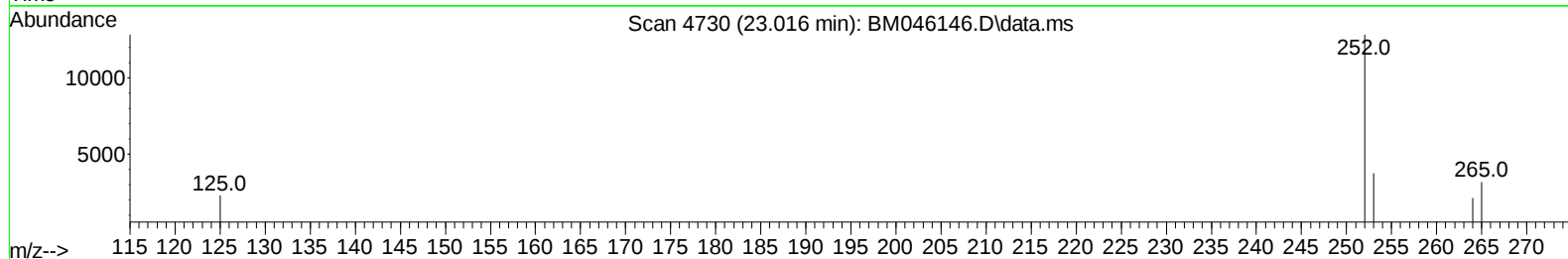
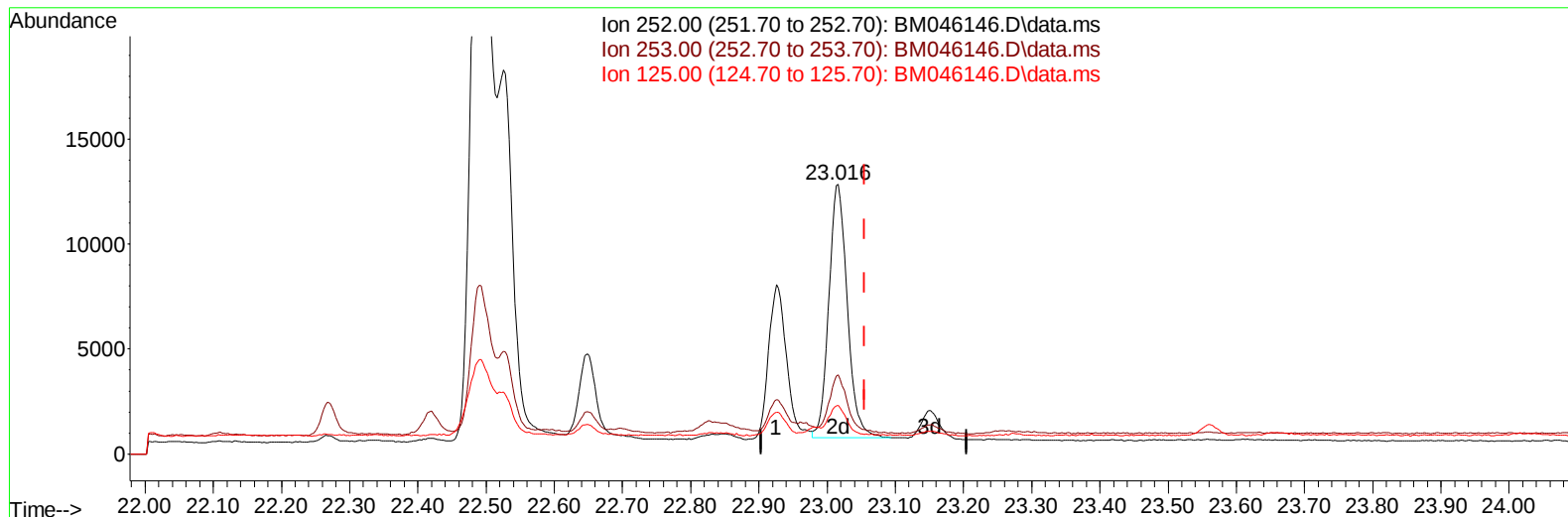
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
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Acq On : 21 Jun 2024 05:42
Operator : MA/JU
Sample : P2710-08DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 21 06:14:00 2024
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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046146.D\data.ms

(26) Benzo(a)pyrene (C)

23.016min (-0.038) 0.65 ng/u1 m

response 22801

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	29.25#
125.00	26.50	17.95#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	3211	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.220	136	8953	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.080	164	5113	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.823	188	10365	0.400	ng/ul	-0.04
17) Chrysene-d12	21.015	240	8882	0.400	ng/ul	#-0.03
23) Perylene-d12	23.107	264	10560m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	3267	0.742	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.853	152	667	0.055	ng/ul	-0.01
18) Fluoranthene-d10	18.847	212	1712	0.064	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.270	128	685	0.027	ng/ul#	58
10) Acenaphthylene	13.797	152	2811	0.116	ng/ul#	94
11) Acenaphthene	14.140	153	999	0.057	ng/ul	96
12) Fluorene	15.134	166	1232	0.066	ng/ul#	98
15) Phenanthrene	16.861	178	30534	1.049	ng/ul	96
16) Anthracene	16.954	178	6222	0.287	ng/ul	96
19) Fluoranthene	18.880	202	94562	2.459	ng/ul	97
20) Pyrene	19.242	202	66764	1.605	ng/ul	96
21) Benzo(a)anthracene	21.000	228	42328	1.234	ng/ul	99
22) Chrysene	21.050	228	41411	0.946	ng/ul	99
24) Benzo(b)fluoranthene	22.490	252	66134m	1.738	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	25185m	0.557	ng/ul	
26) Benzo(a)pyrene	23.016	252	22801m	0.647	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.155	276	25172	0.436	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.155	278	7429	0.173	ng/ul	92
29) Benzo(g,h,i)perylene	25.776	276	3704	0.075	ng/ul#	79

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

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Instrument :
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