

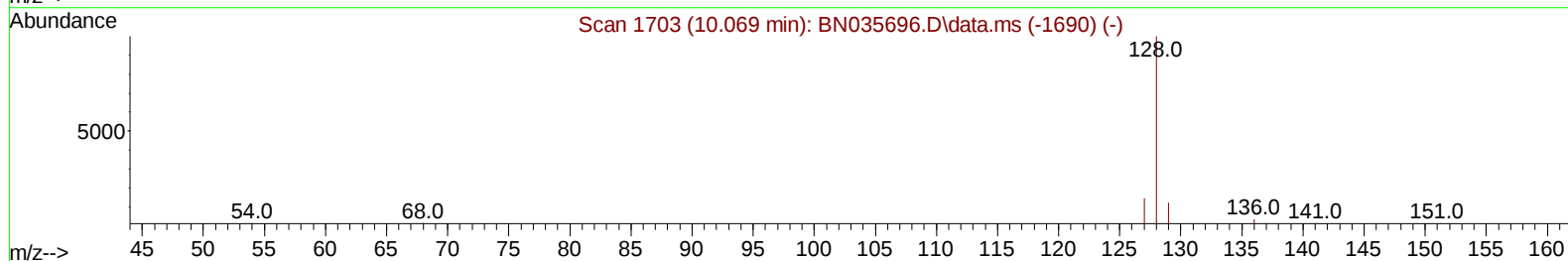
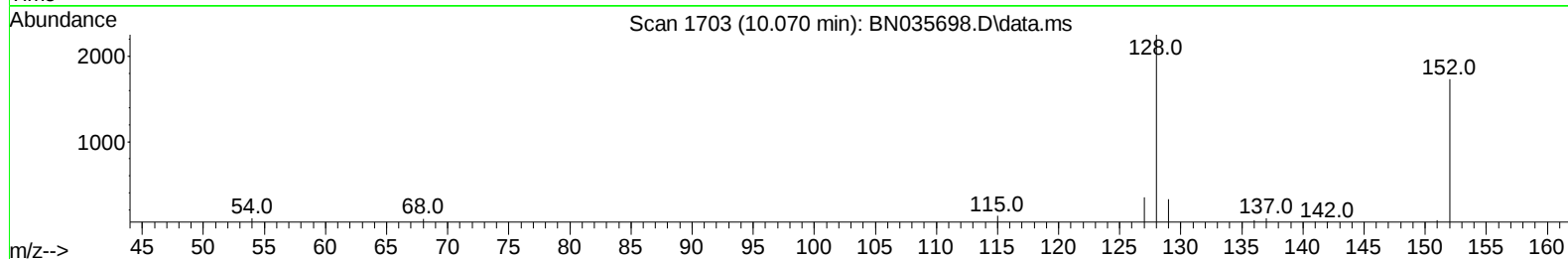
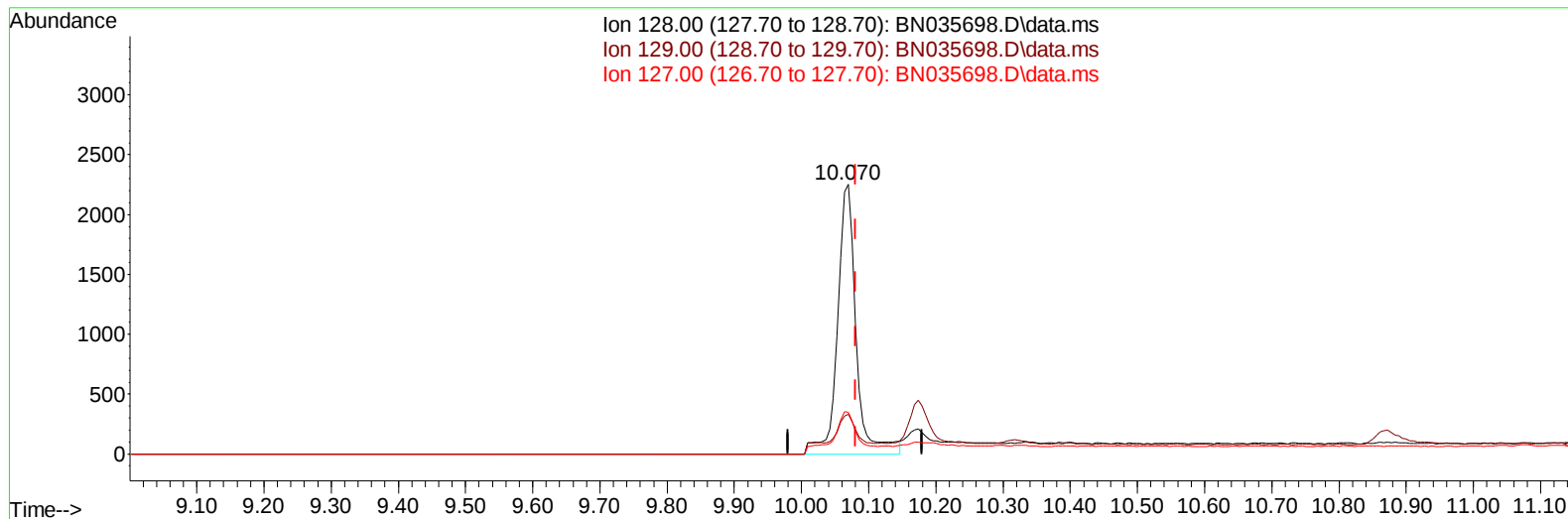
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035698.D
Acq On : 19 Dec 2024 10:18
Operator : RC/JU
Sample : P5258-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W9

Manual IntegrationsAPPROVED

Quant Time: Dec 19 11:25:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035698.D\data.ms

(5) Naphthalene

10.070min (-0.011) 0.21 ng/u1

response 4238

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	14.66
127.00	15.00	15.55
0.00	0.00	0.00

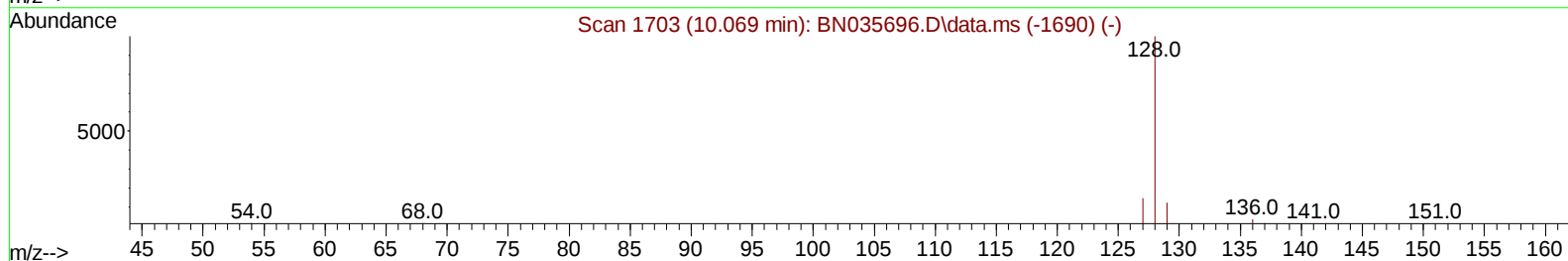
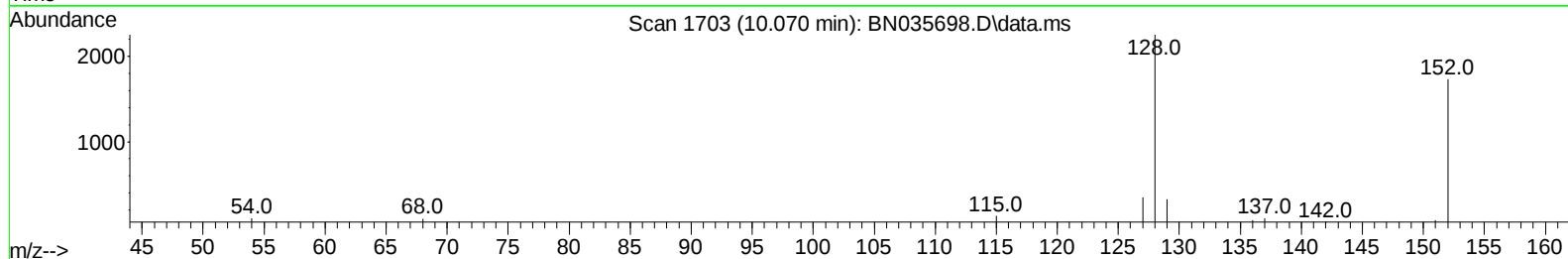
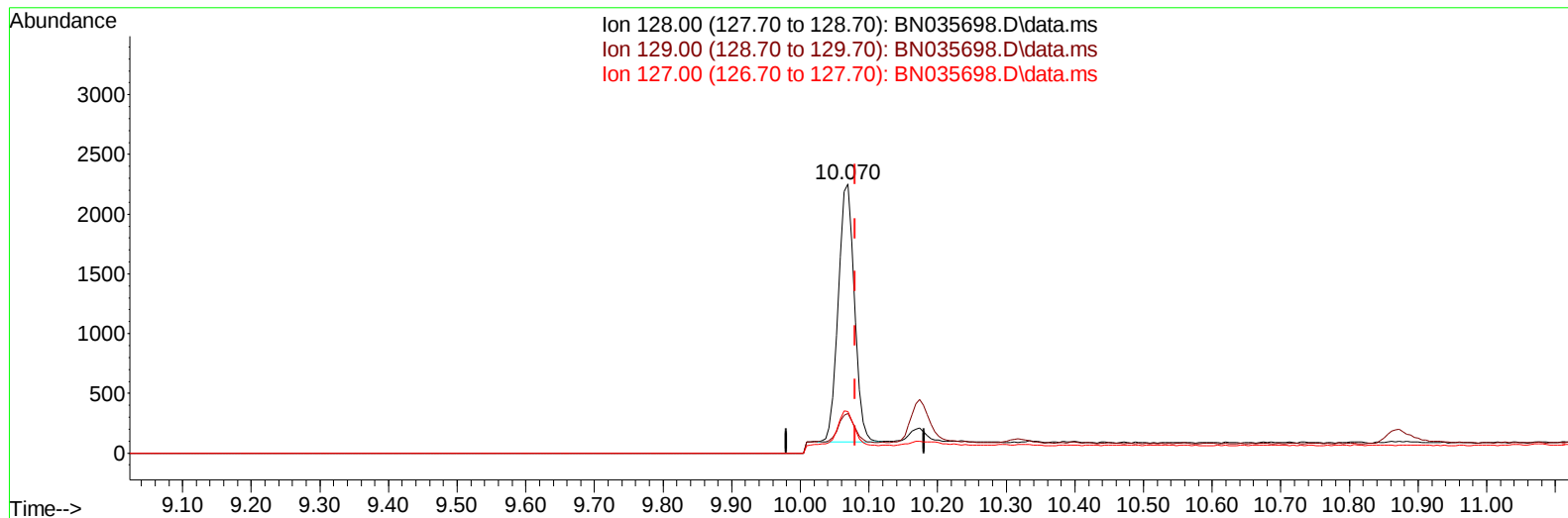
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035698.D
Acq On : 19 Dec 2024 10:18
Operator : RC/JU
Sample : P5258-03
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Instrument :
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ClientSampleId :
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TIC: BN035698.D\data.ms

(5) Naphthalene

10.070min (-0.011) 0.17 ng/ul m

response 3487

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	14.66
127.00	15.00	15.55
0.00	0.00	0.00

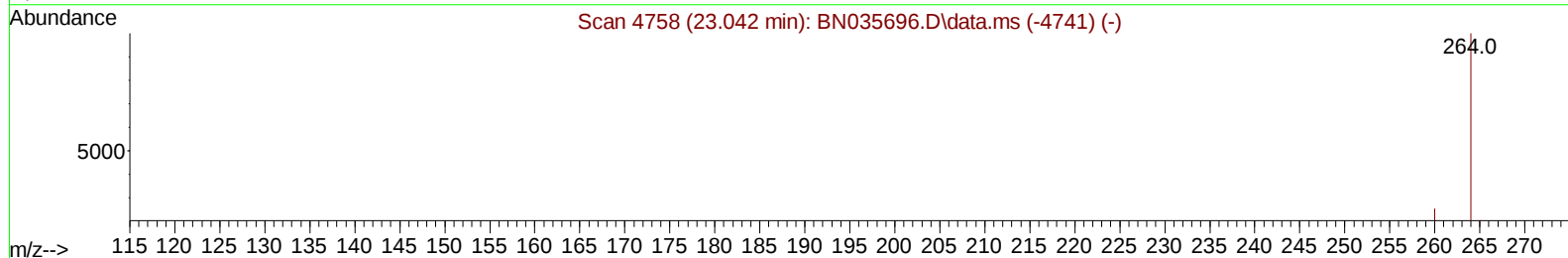
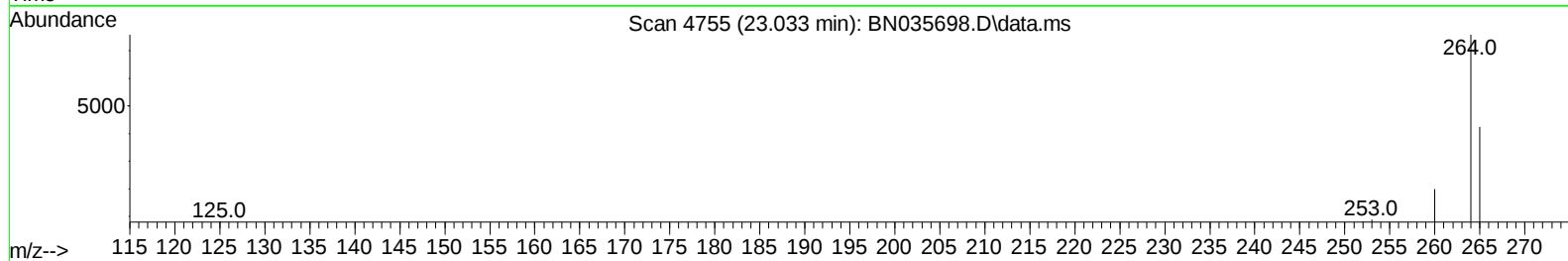
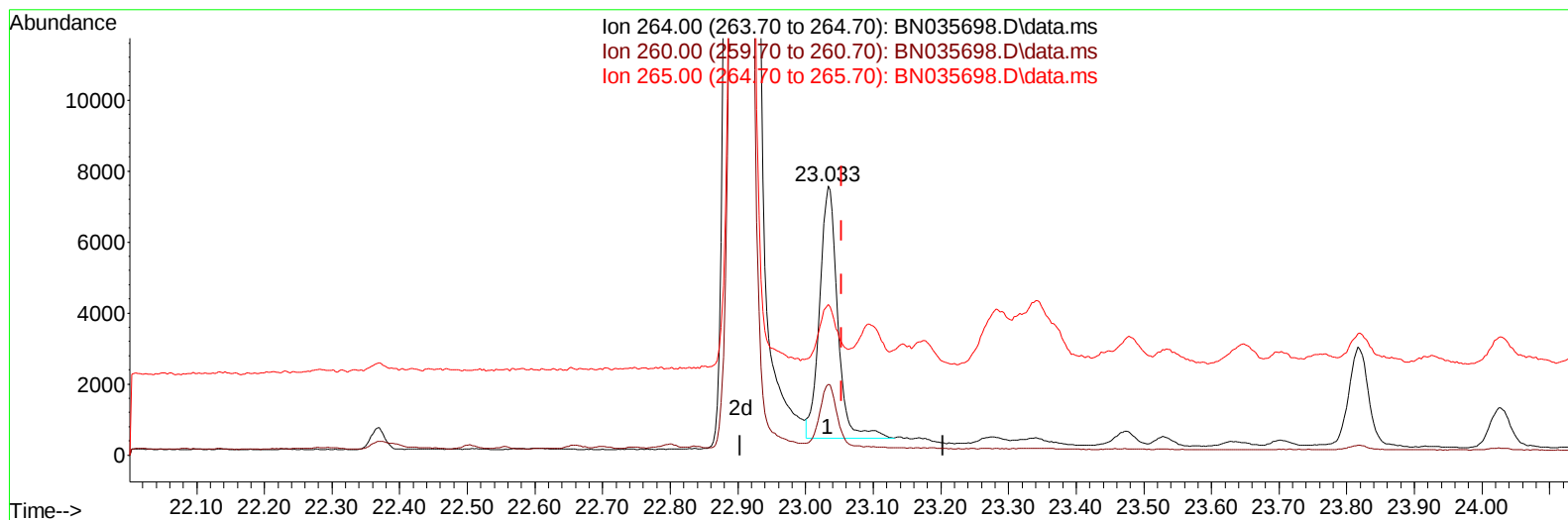
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Data File : BN035698.D
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Instrument :
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(23) Perylene-d12 (I)

23.033min (-0.020) 0.40 ng/u1

response 13157

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	26.28
265.00	62.10	56.00
0.00	0.00	0.00

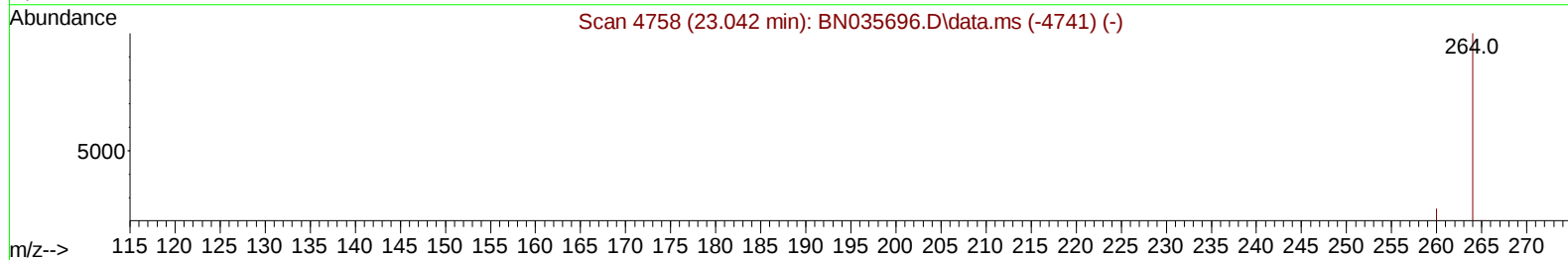
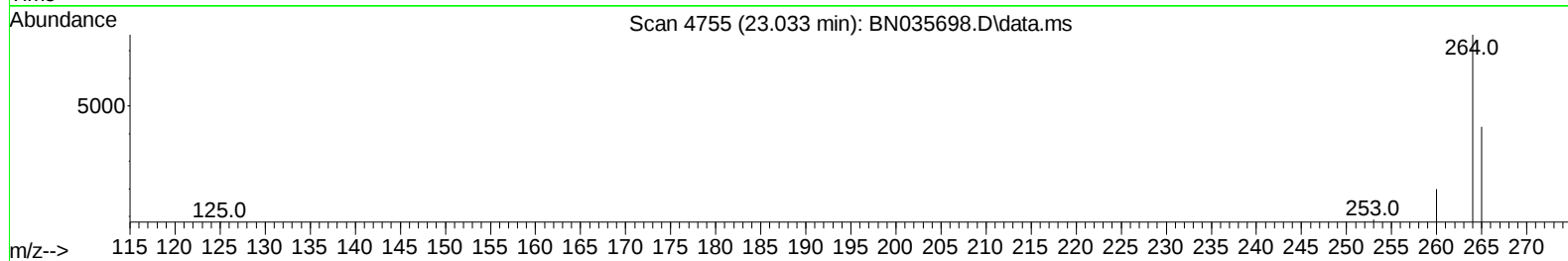
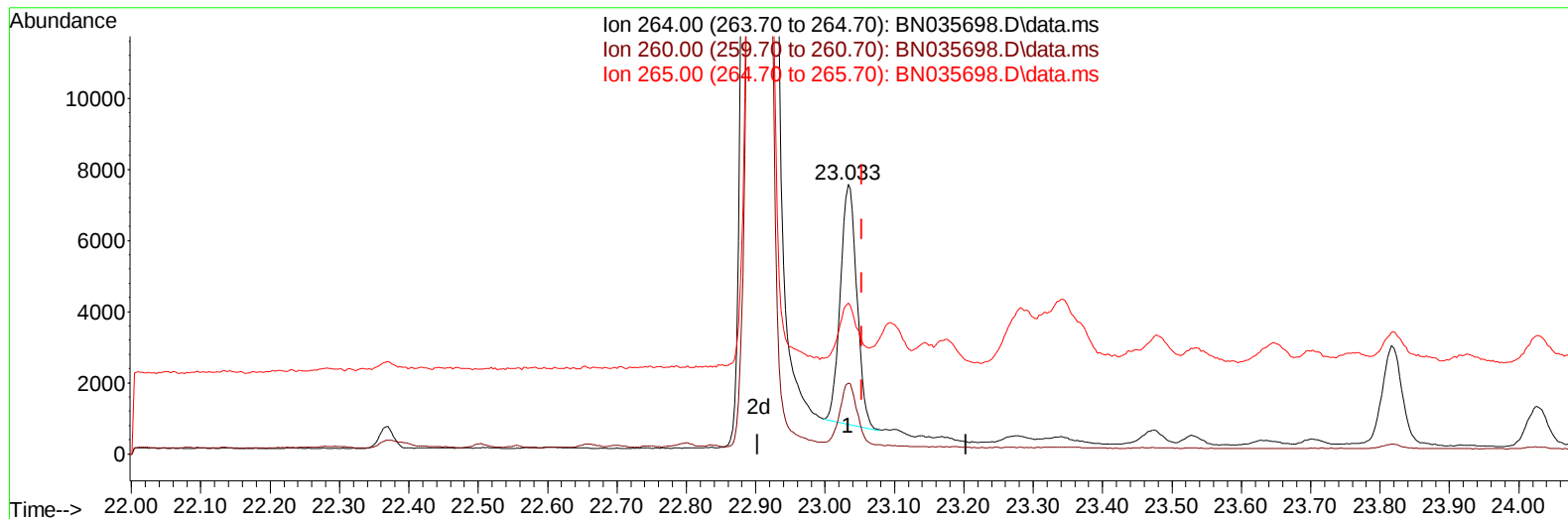
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035698.D
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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN035698.D\data.ms

(23) Perylene-d12 (I)

23.033min (-0.020) 0.40 ng/ul m

response 11143

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	26.28
265.00	62.10	56.00
0.00	0.00	0.00

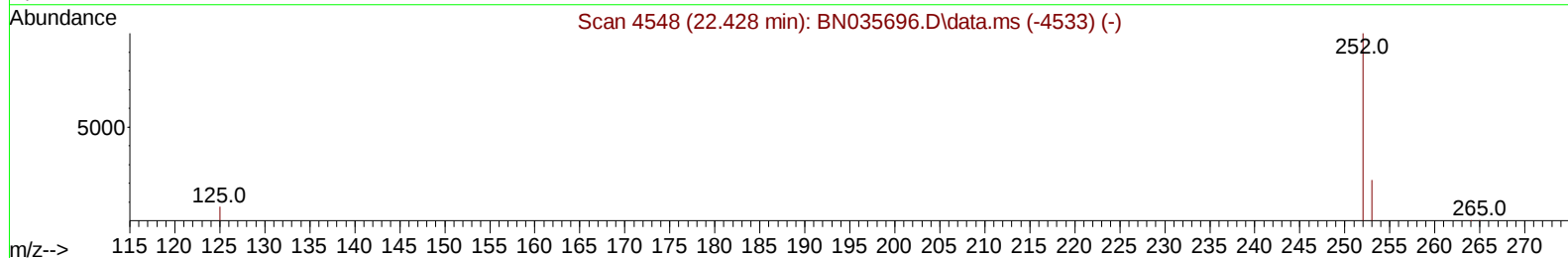
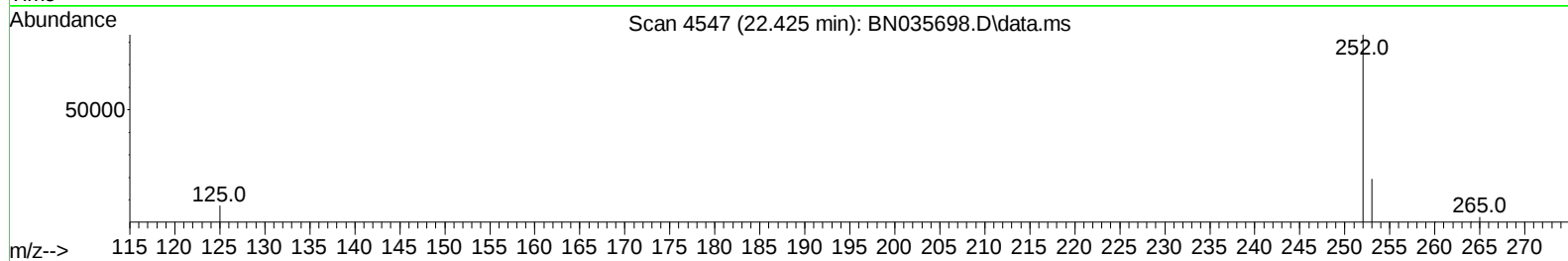
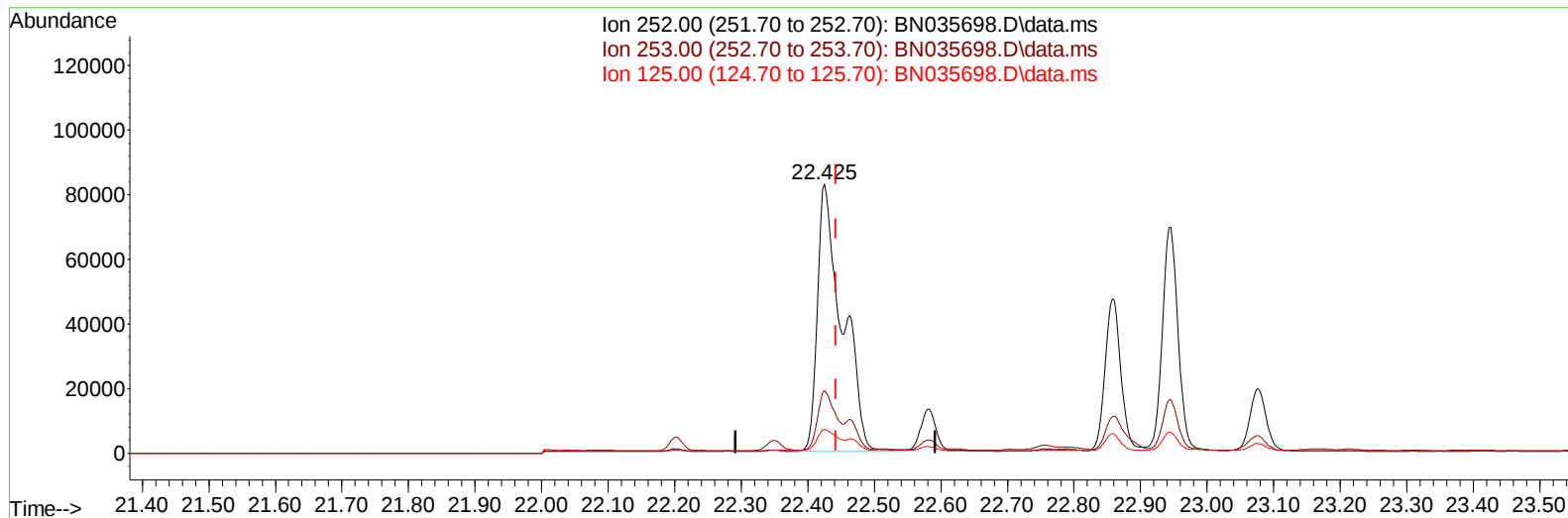
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Data File : BN035698.D
Acq On : 19 Dec 2024 10:18
Operator : RC/JU
Sample : P5258-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
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TIC: BN035698.D\data.ms

(24) Benzo(b)fluoranthene

22.425min (-0.017) 6.54 ng/u1

response 214705

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	23.26
125.00	18.80	8.95
0.00	0.00	0.00

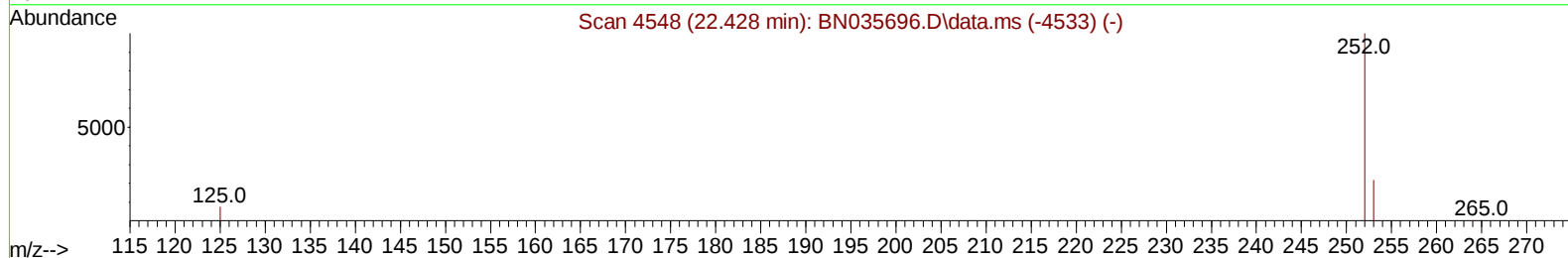
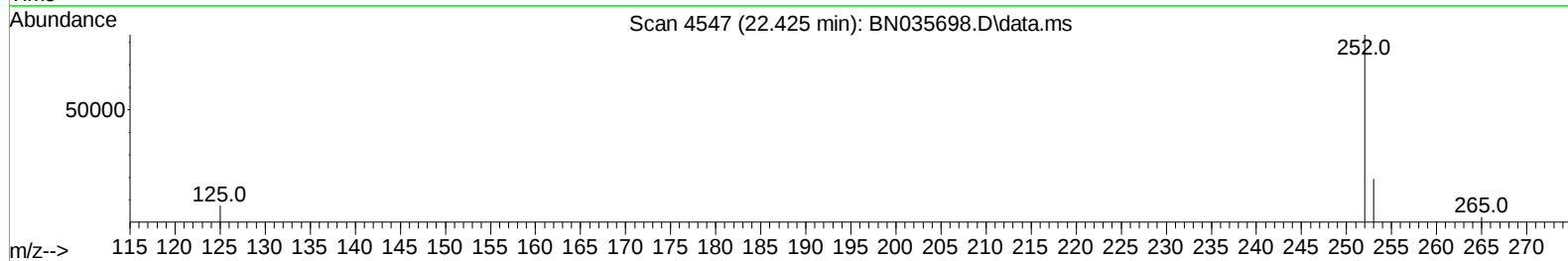
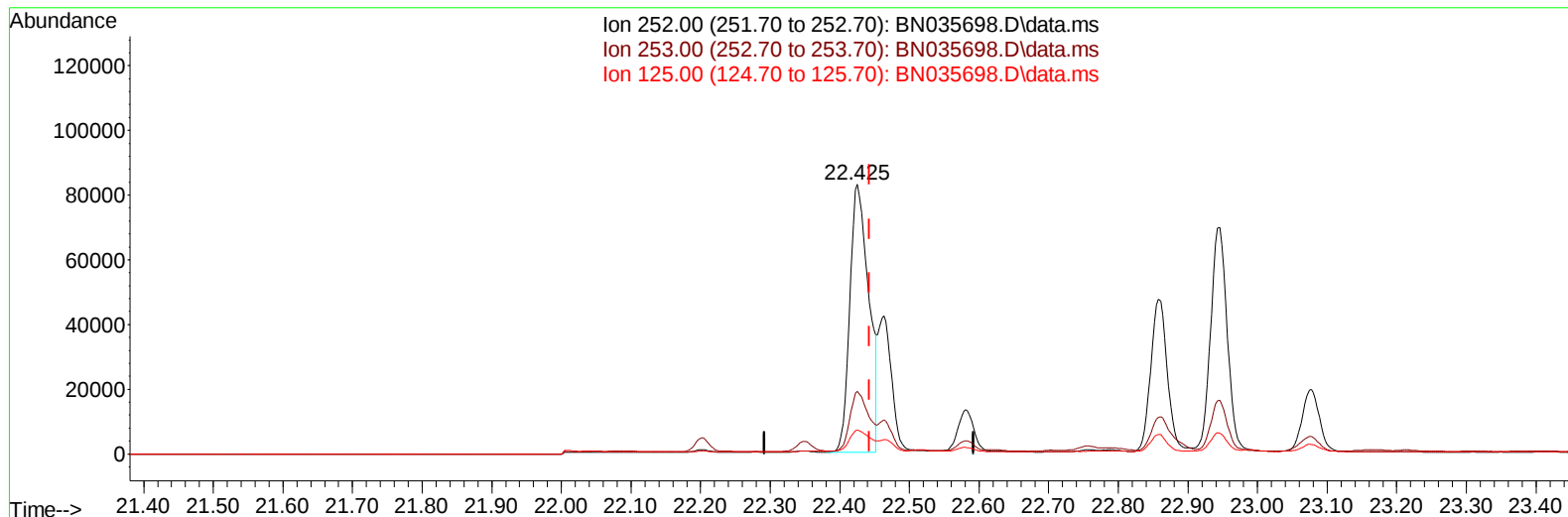
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035698.D
Acq On : 19 Dec 2024 10:18
Operator : RC/JU
Sample : P5258-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W9

Manual IntegrationsAPPROVED

Quant Time: Dec 19 11:25:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035698.D\data.ms

(24) Benzo(b)fluoranthene

22.425min (-0.017) 4.73 ng/u1 m

response 155482

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	23.26
125.00	18.80	8.95
0.00	0.00	0.00

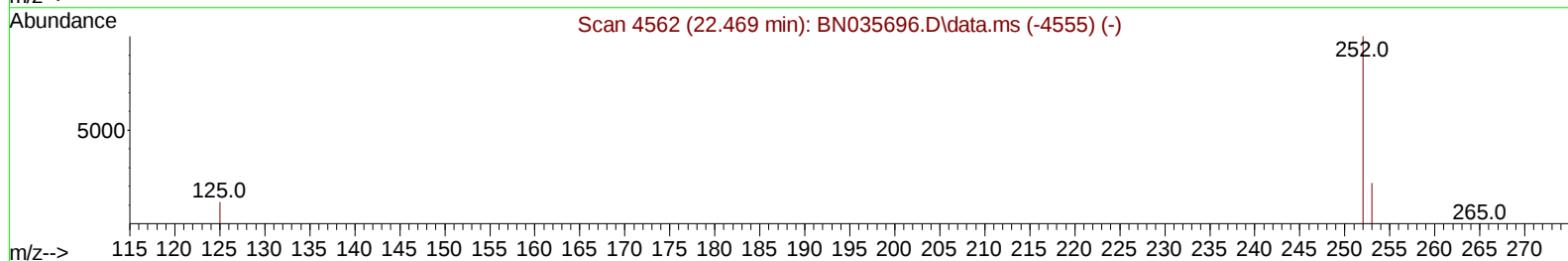
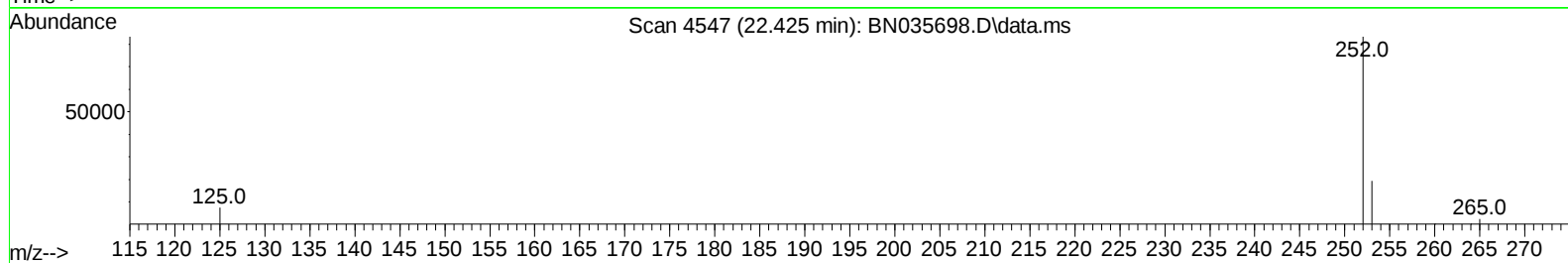
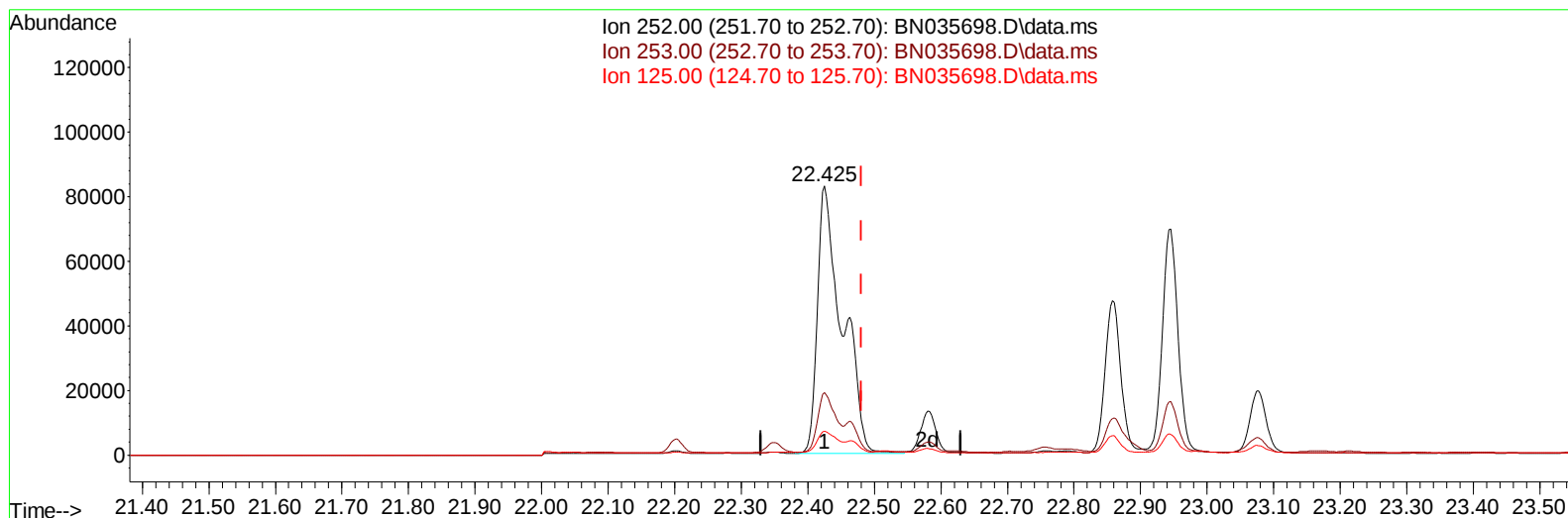
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 Acq On : 19 Dec 2024 10:18
 Operator : RC/JU
 Sample : P5258-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28W9

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/24/2024



TIC: BN035698.D\data.ms

(25) Benzo(k)fluoranthene

22.425min (-0.055) 5.91 ng/u1

response 214705

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	23.26
125.00	19.10	8.95#
0.00	0.00	0.00

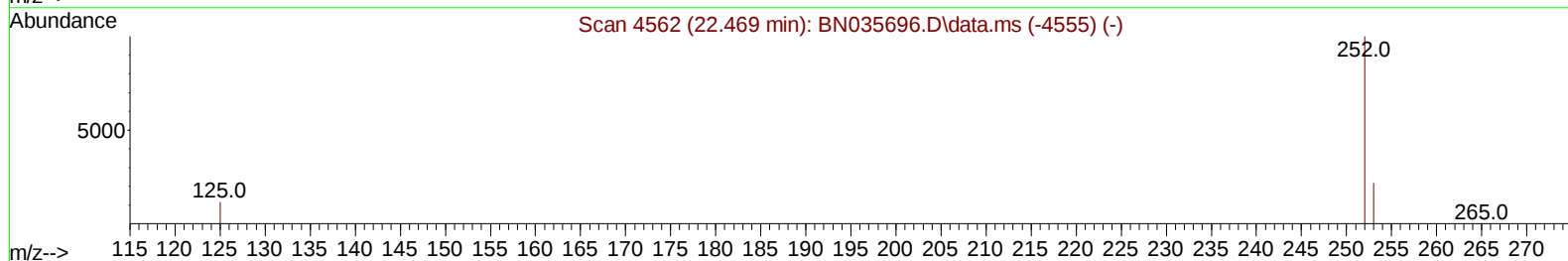
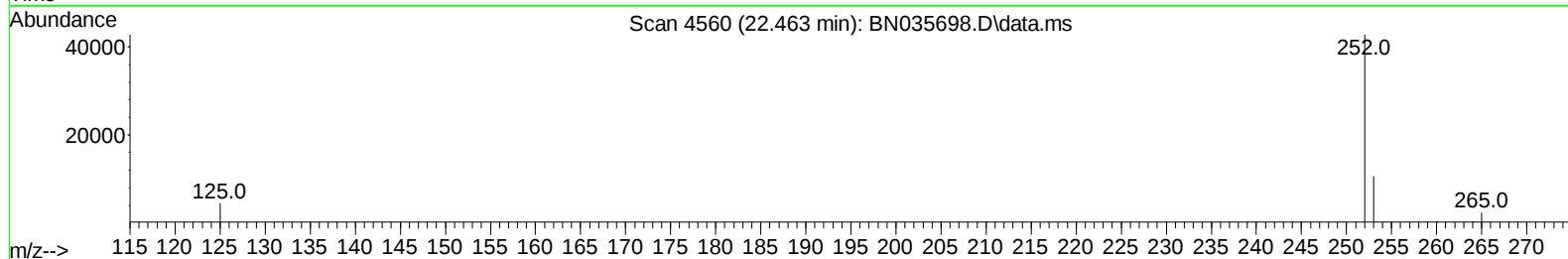
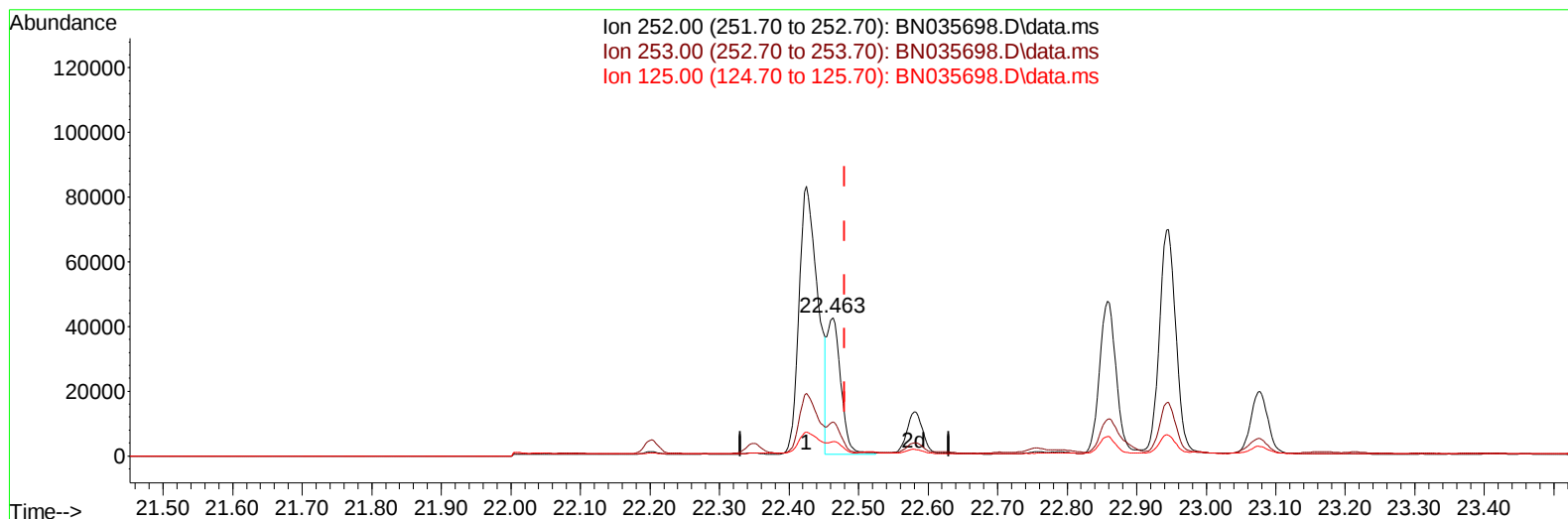
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035698.D
Acq On : 19 Dec 2024 10:18
Operator : RC/JU
Sample : P5258-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W9

Manual IntegrationsAPPROVED

Quant Time: Dec 19 11:25:05 2024
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QLast Update : Mon Dec 16 16:26:08 2024
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Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035698.D\data.ms

(25) Benzo(k)fluoranthene

22.463min (-0.017) 1.62 ng/u1 m

response 58763

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	24.57
125.00	19.10	10.51#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035698.D
 Acq On : 19 Dec 2024 10:18
 Operator : RC/JU
 Sample : P5258-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28W9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	3206	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8277	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	6012	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	12983	0.400	ng/ul	-0.01
17) Chrysene-d12	20.953	240	11754	0.400	ng/ul	-0.01
23) Perylene-d12	23.033	264	11143m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	13431	4.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.620	152	3152	0.267	ng/ul	-0.02
18) Fluoranthene-d10	18.758	212	6060	0.176	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.070	128	3487m	0.172	ng/ul	
7) 2-Methylnaphthalene	11.697	142	1861	0.136	ng/ul	99
8) 1-Methylnaphthalene	11.928	142	1721	0.122	ng/ul	100
10) Acenaphthylene	13.648	152	1888	0.081	ng/ul#	90
11) Acenaphthene	14.000	153	9010	0.512	ng/ul	99
12) Fluorene	15.004	166	7925	0.387	ng/ul	98
15) Phenanthrene	16.747	178	164705	5.069	ng/ul	98
16) Anthracene	16.840	178	35580	1.171	ng/ul	98
19) Fluoranthene	18.791	202	300732	7.154	ng/ul	97
20) Pyrene	19.158	202	253280	5.469	ng/ul	99
21) Benzo(a)anthracene	20.935	228	127525	3.271	ng/ul	99
22) Chrysene	20.988	228	124473	3.077	ng/ul	98
24) Benzo(b)fluoranthene	22.425	252	155482m	4.735	ng/ul	
25) Benzo(k)fluoranthene	22.463	252	58763m	1.618	ng/ul	
26) Benzo(a)pyrene	22.945	252	114237	3.592	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.054	276	85219	2.201	ng/ul#	73
28) Dibenzo(a,h)anthracene	25.064	278	19338	0.654	ng/ul#	94
29) Benzo(g,h,i)perylene	25.671	276	80044	2.576	ng/ul#	91

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

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