

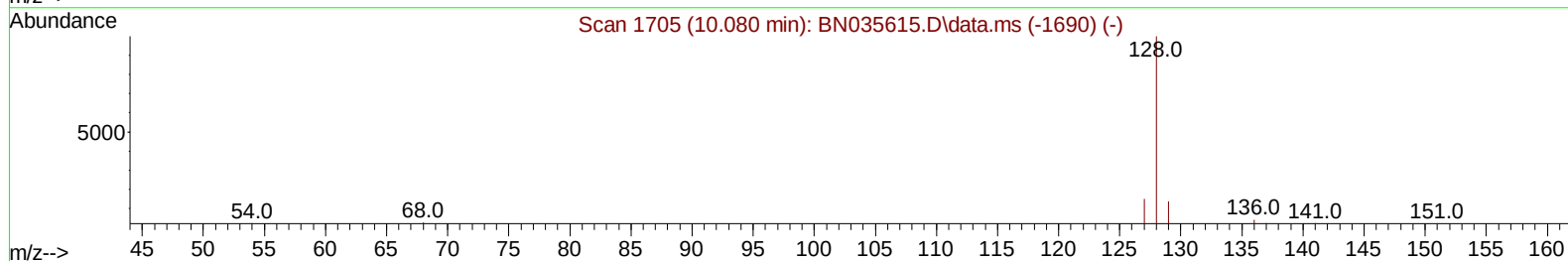
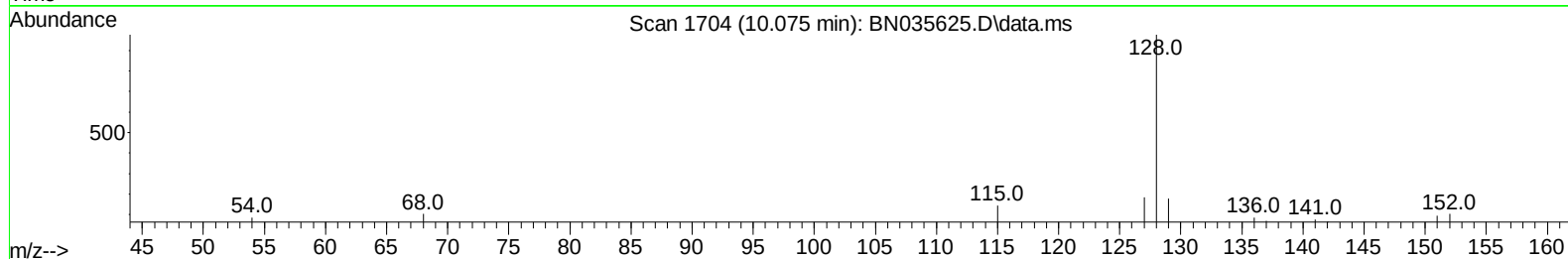
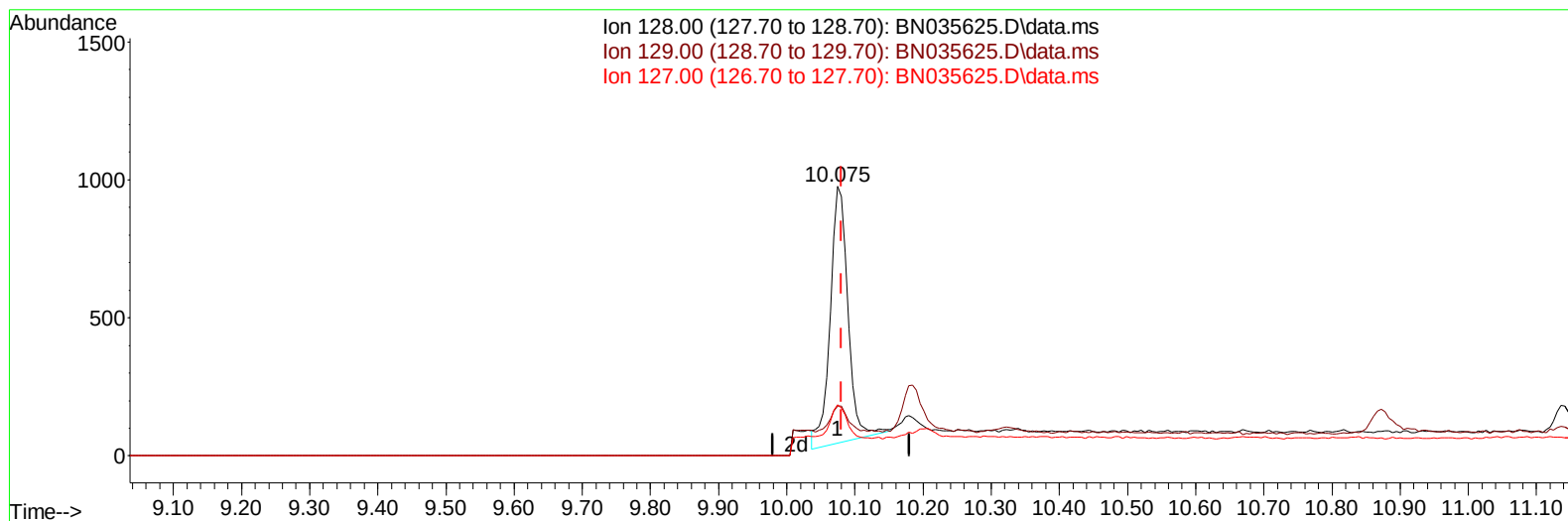
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035625.D
Acq On : 16 Dec 2024 20:00
Operator : RC/JU
Sample : P5232-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T0

Manual IntegrationsAPPROVED

Quant Time: Dec 16 21:56:41 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 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035625.D\data.ms

(5) Naphthalene

10.075min (-0.006) 0.10 ng/u1

response 1700

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	18.44#
127.00	15.00	18.85#
0.00	0.00	0.00

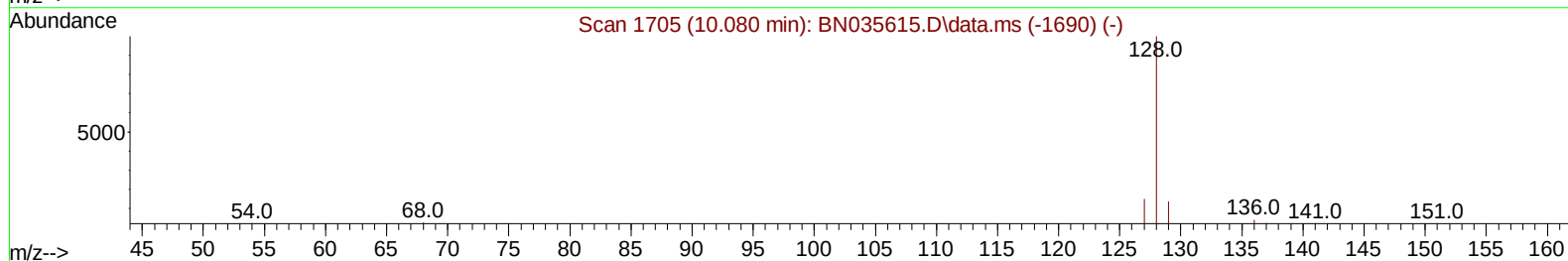
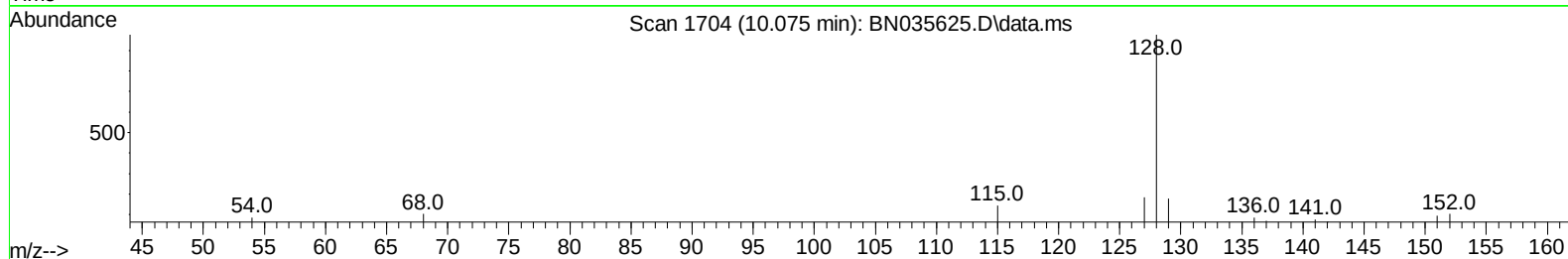
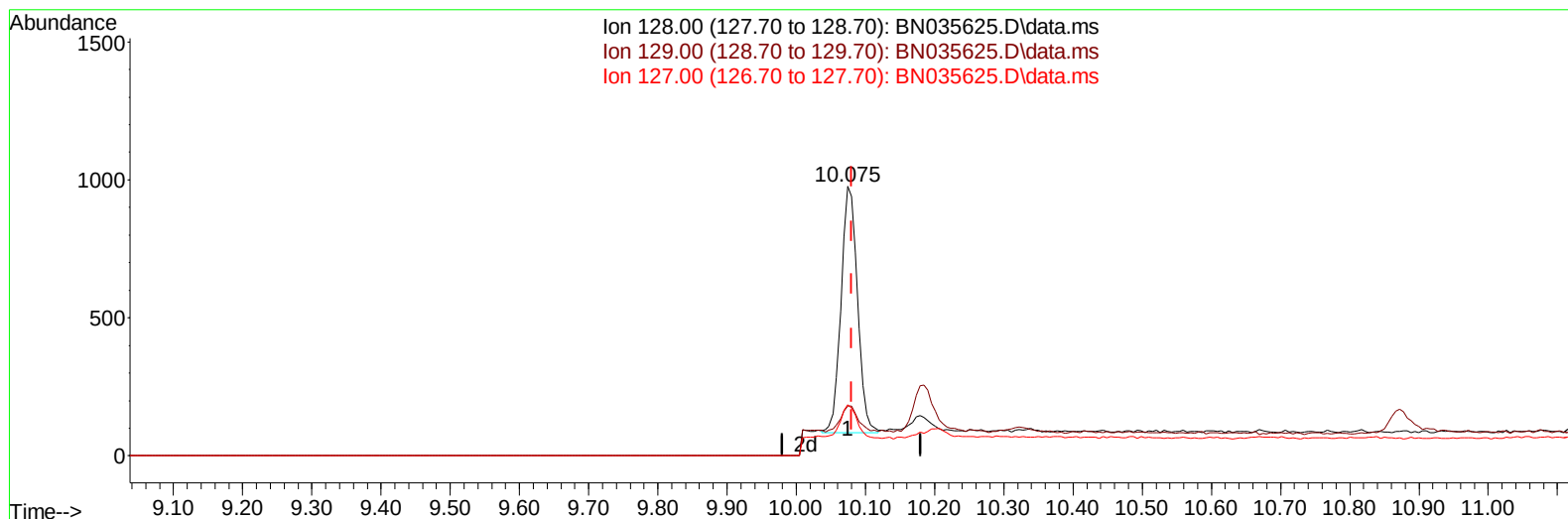
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TIC: BN035625.D\data.ms

(5) Naphthalene

10.075min (-0.006) 0.09 ng/ul m

response 1486

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	18.44#
127.00	15.00	18.85#
0.00	0.00	0.00

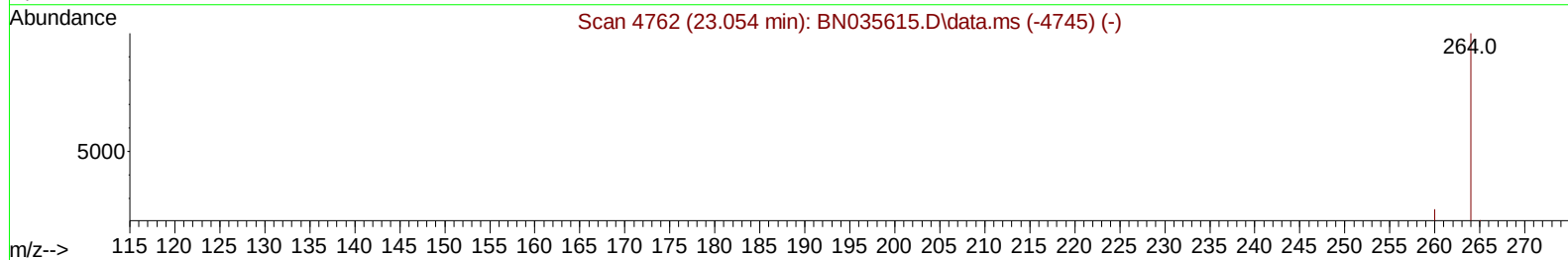
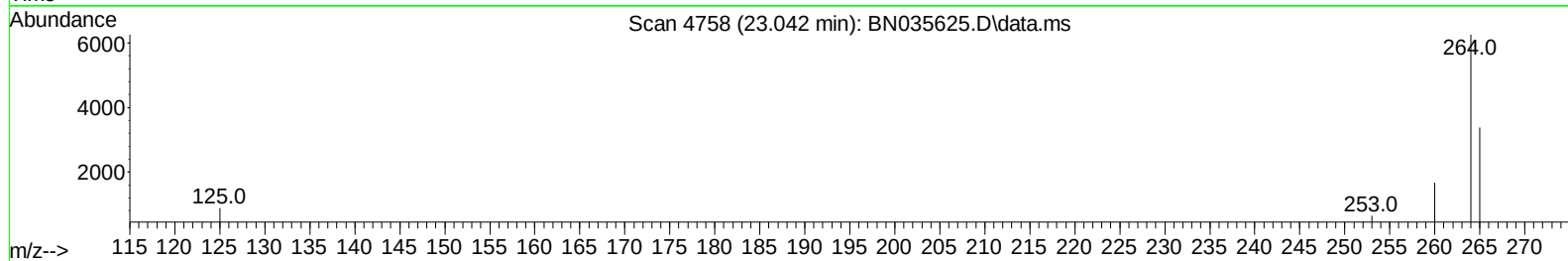
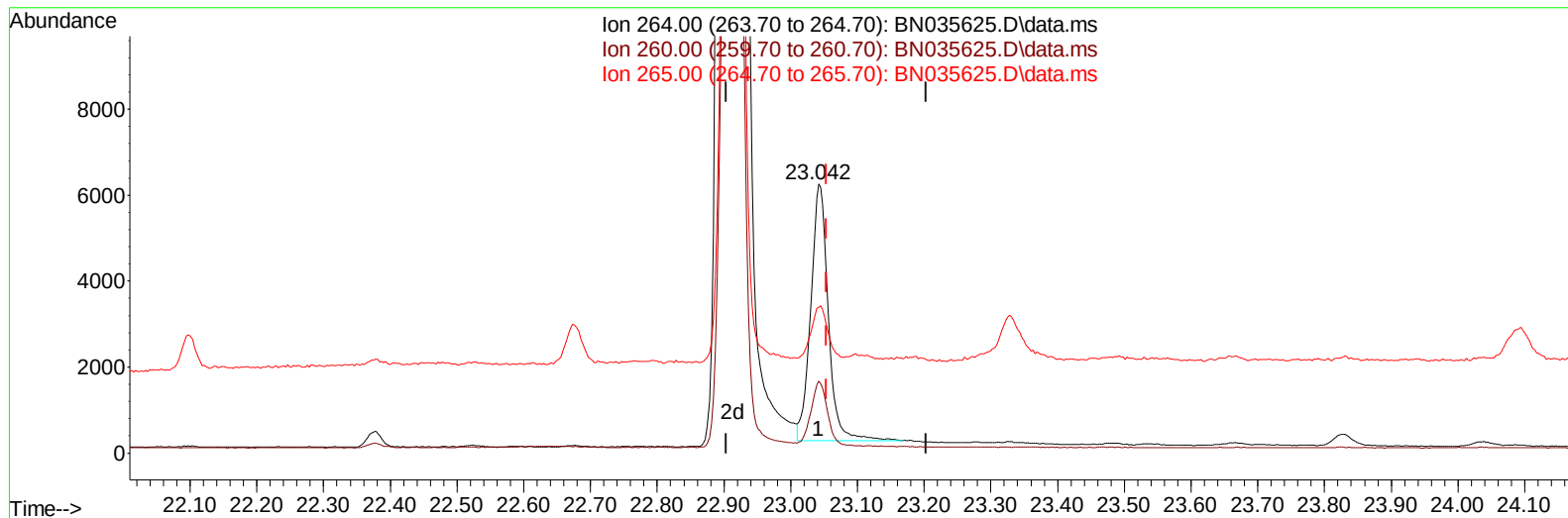
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Instrument :
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TIC: BN035625.D\data.ms

(23) Perylene-d12 (I)

23.042min (-0.012) 0.40 ng/u1

response 10958

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	26.67
265.00	62.10	54.21
0.00	0.00	0.00

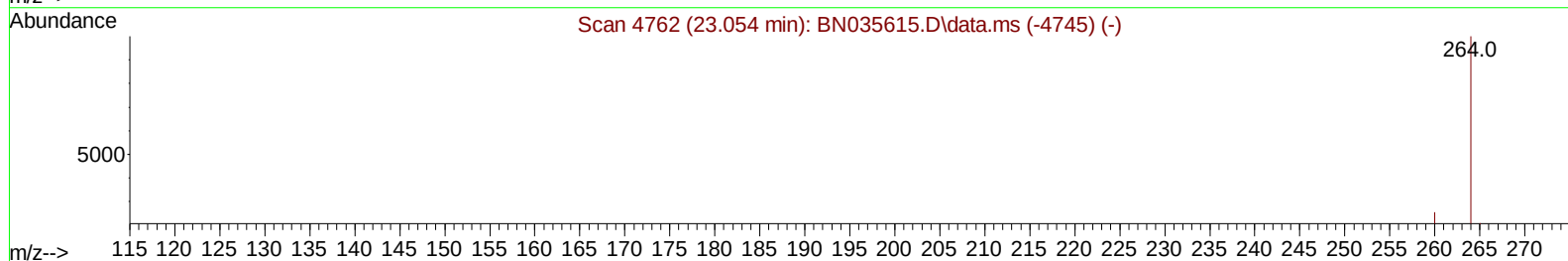
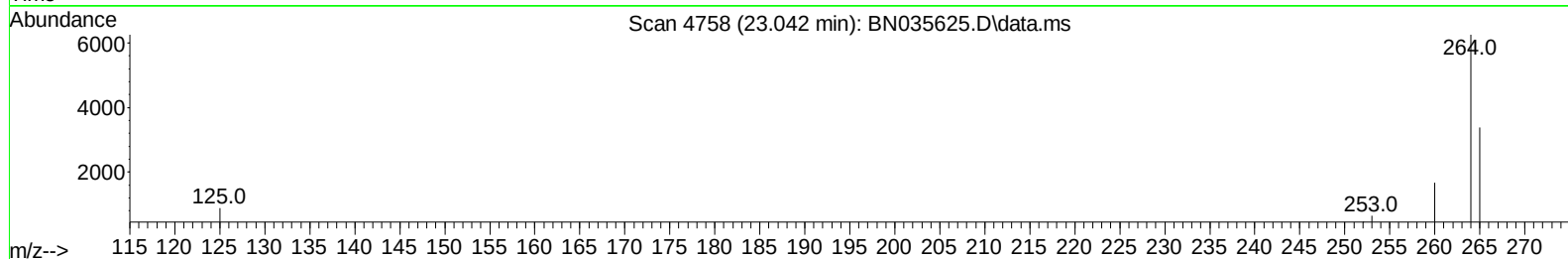
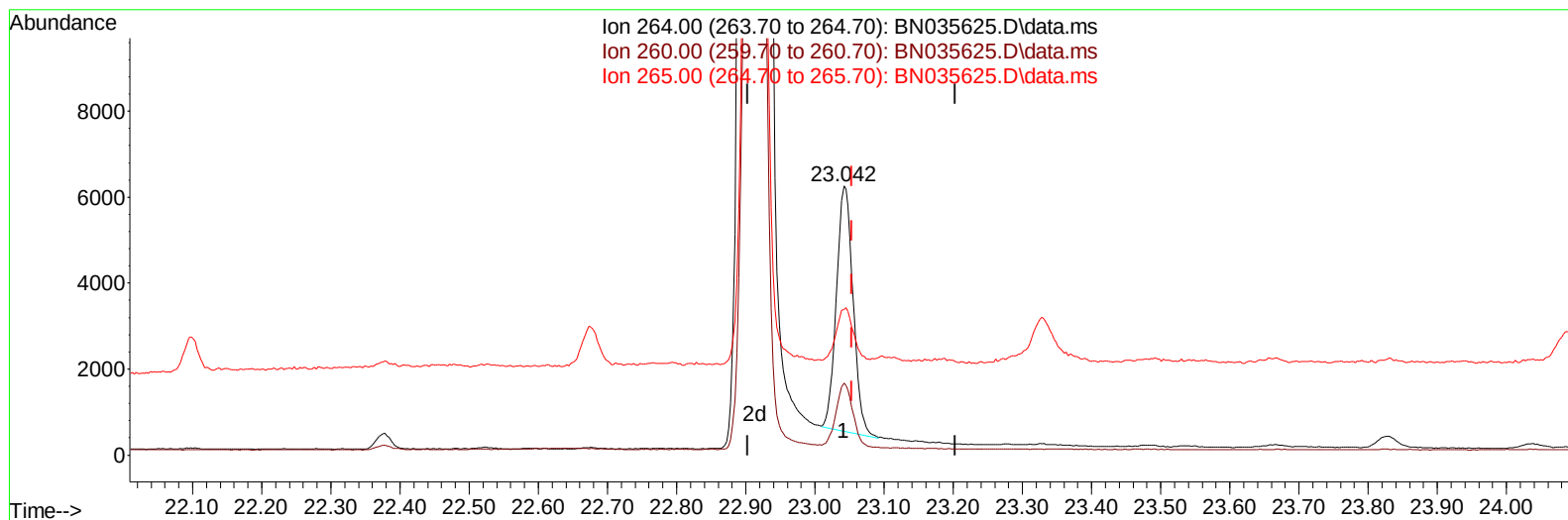
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Instrument :
BNA_N
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Manual IntegrationsAPPROVED

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TIC: BN035625.D\data.ms

(23) Perylene-d12 (I)

23.042min (-0.012) 0.40 ng/ul m

response 9495

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	26.67
265.00	62.10	54.21
0.00	0.00	0.00

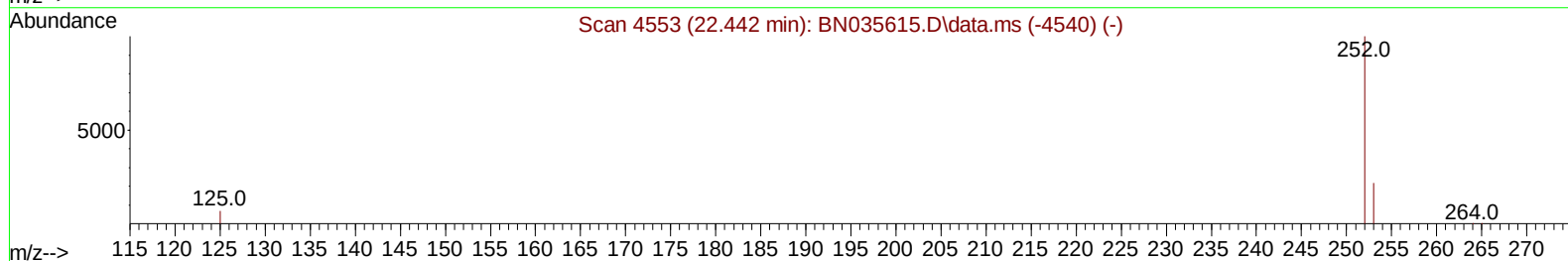
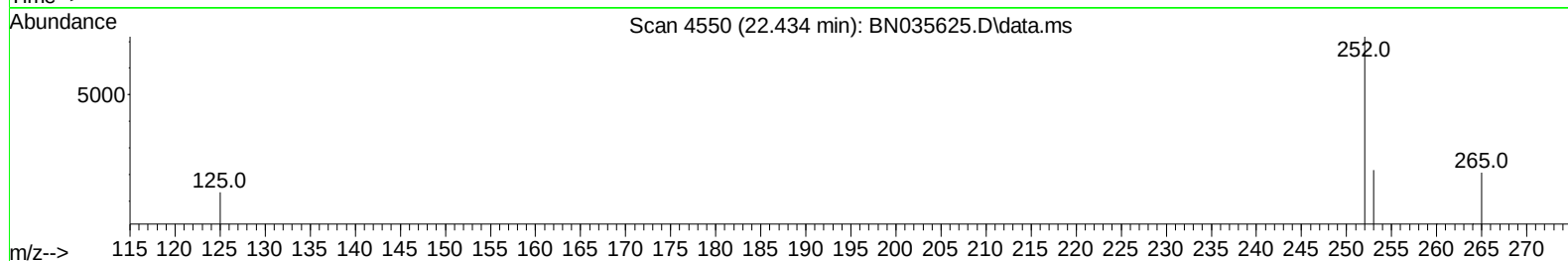
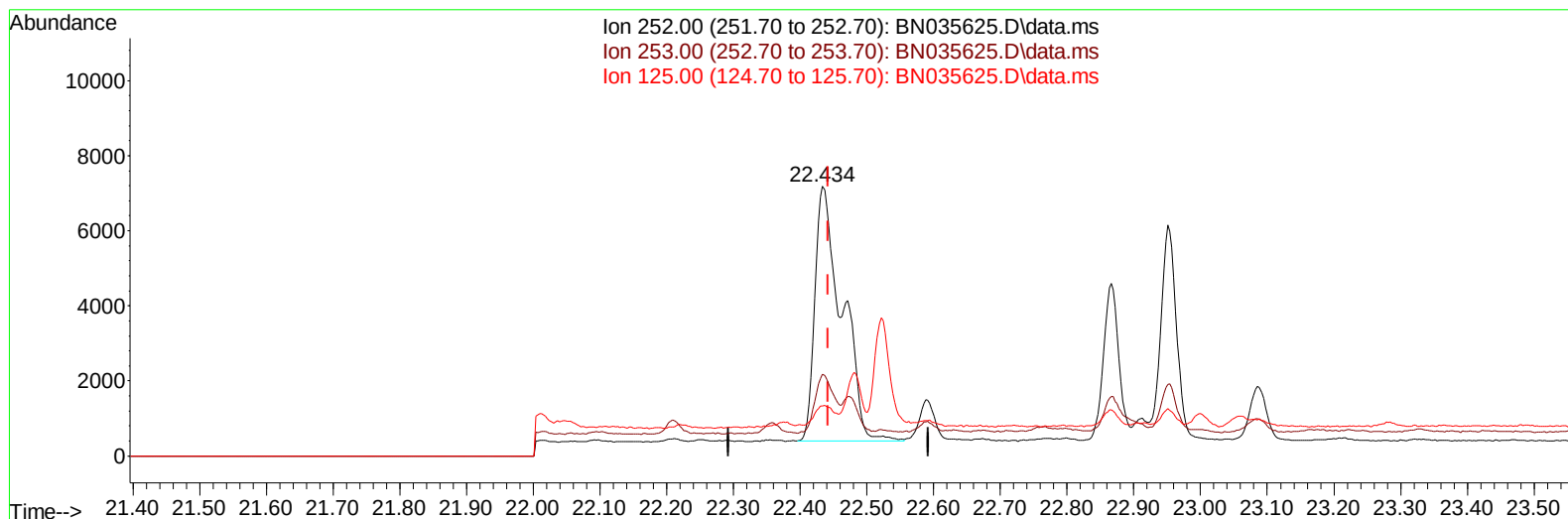
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Sample : P5232-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
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Manual IntegrationsAPPROVED

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TIC: BN035625.D\data.ms

(24) Benzo(b)fluoranthene

22.434min (-0.009) 0.68 ng/u1

response 19004

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	30.22
125.00	18.80	18.57
0.00	0.00	0.00

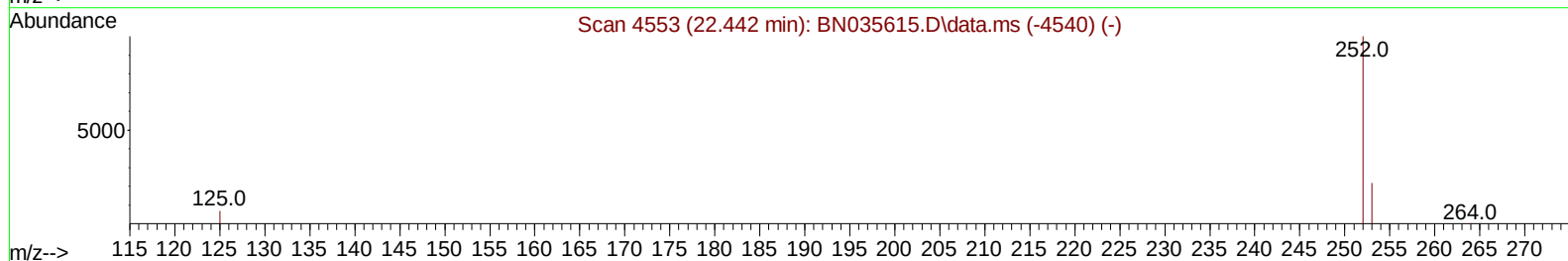
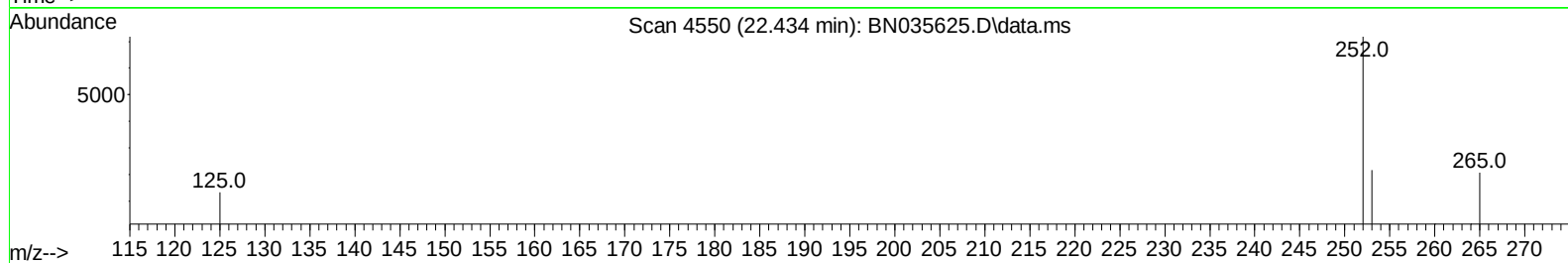
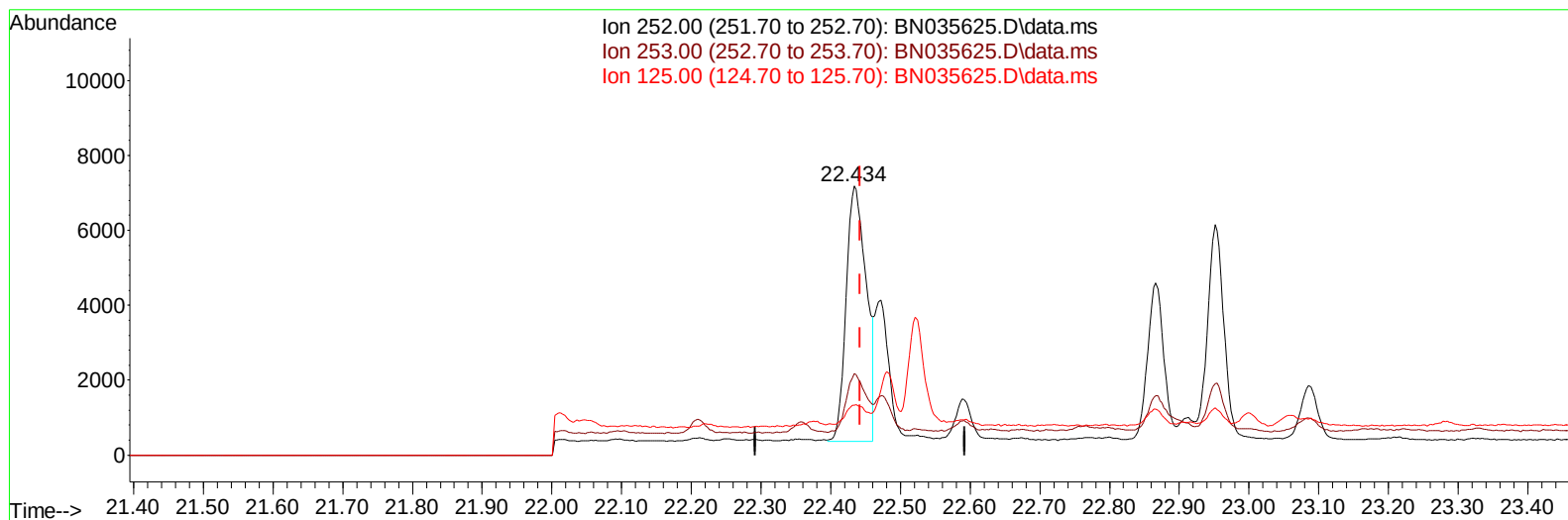
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035625.D
Acq On : 16 Dec 2024 20:00
Operator : RC/JU
Sample : P5232-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T0

Manual IntegrationsAPPROVED

Quant Time: Dec 16 21:56:41 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 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035625.D\data.ms

(24) Benzo(b)fluoranthene

22.434min (-0.009) 0.49 ng/ul m

response 13634

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	30.22
125.00	18.80	18.57
0.00	0.00	0.00

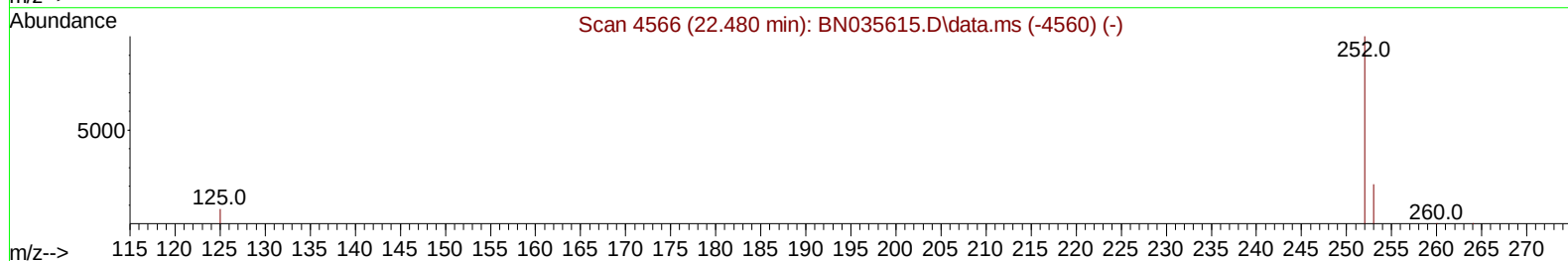
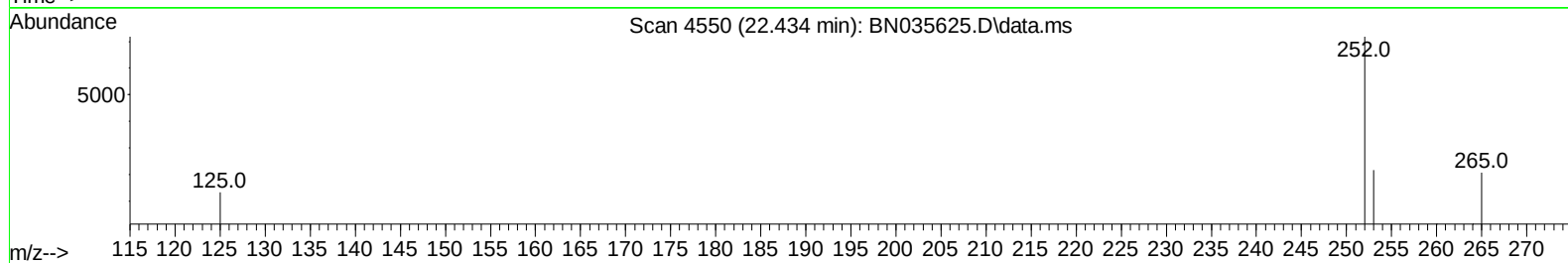
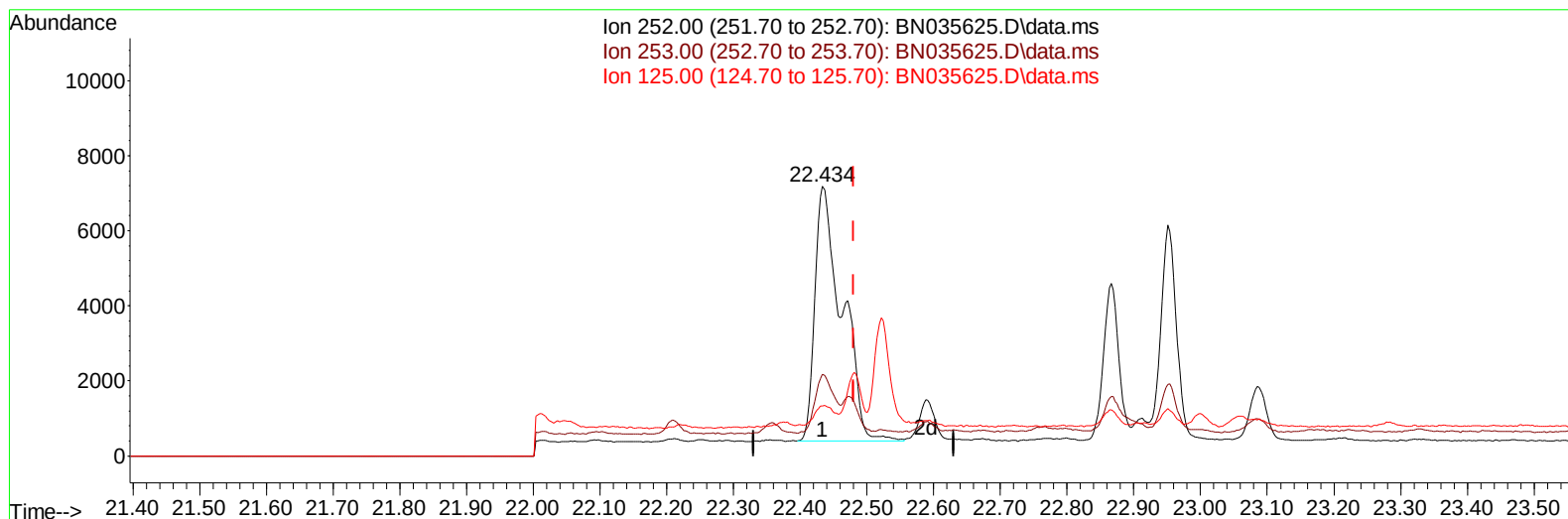
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Data File : BN035625.D
Acq On : 16 Dec 2024 20:00
Operator : RC/JU
Sample : P5232-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T0

Manual IntegrationsAPPROVED

Quant Time: Dec 16 21:56:41 2024
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Supervised By :mohammad ahmed 12/21/2024



TIC: BN035625.D\data.ms

(25) Benzo(k)fluoranthene

22.434min (-0.047) 0.61 ng/u1

response 19004

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	30.22
125.00	19.10	18.57
0.00	0.00	0.00

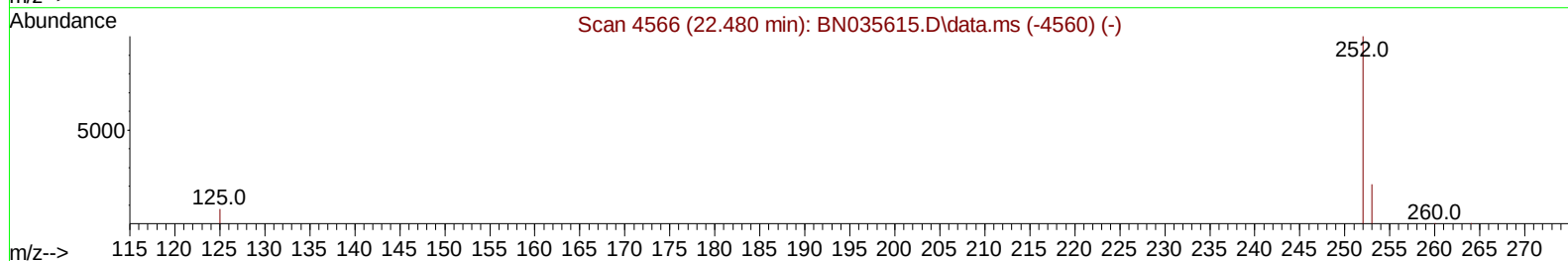
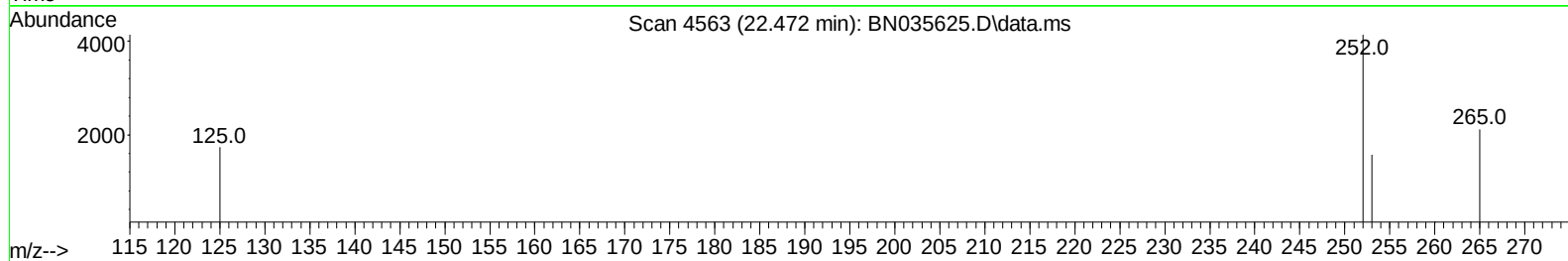
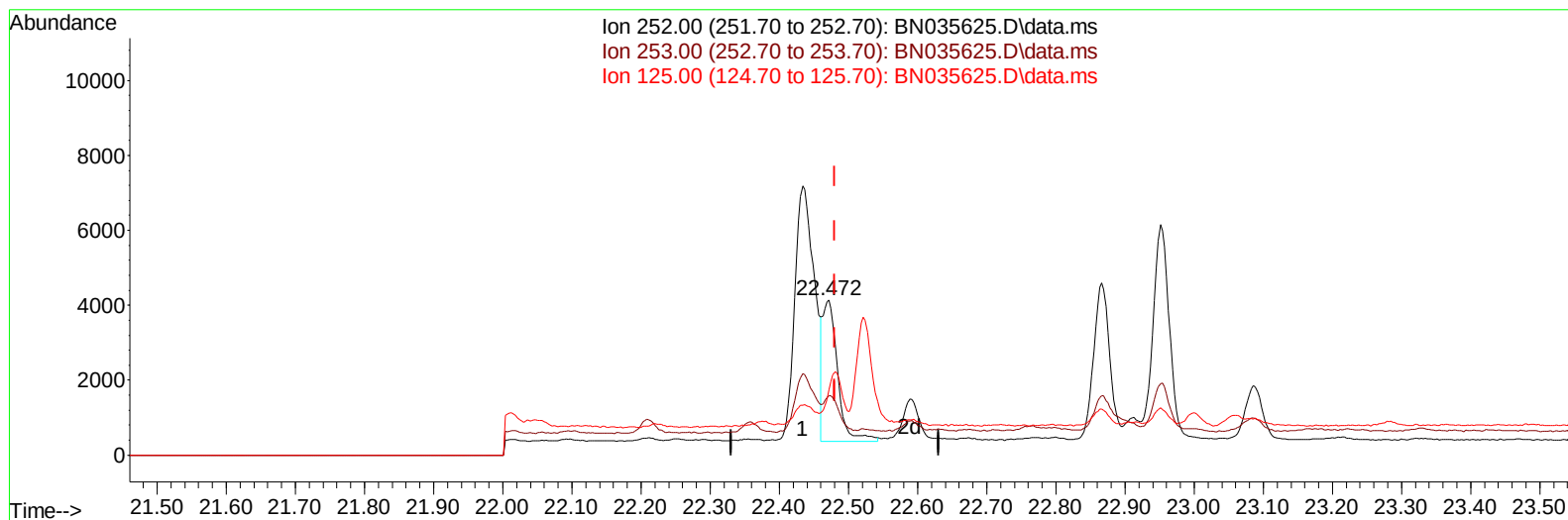
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Data File : BN035625.D
Acq On : 16 Dec 2024 20:00
Operator : RC/JU
Sample : P5232-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T0

Manual IntegrationsAPPROVED

Quant Time: Dec 16 21:56:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
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Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035625.D\data.ms

(25) Benzo(k)fluoranthene

22.472min (-0.009) 0.18 ng/ul m

response 5553

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	38.12#
125.00	19.10	41.79#
0.00	0.00	0.00

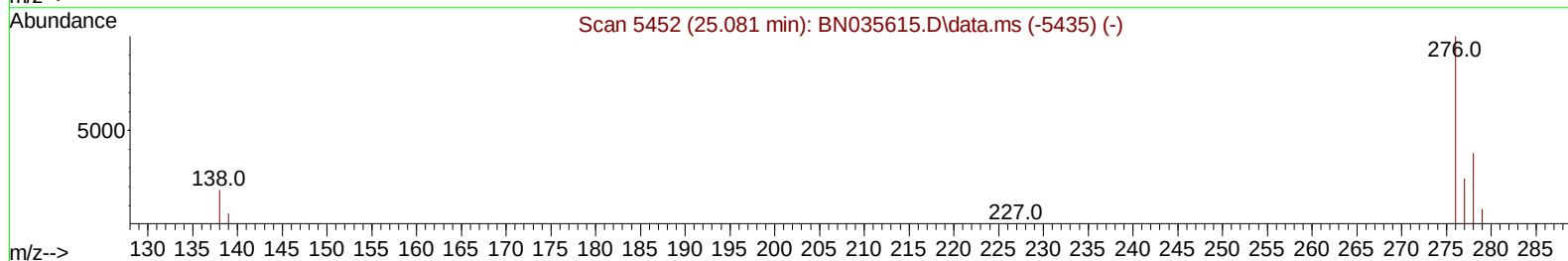
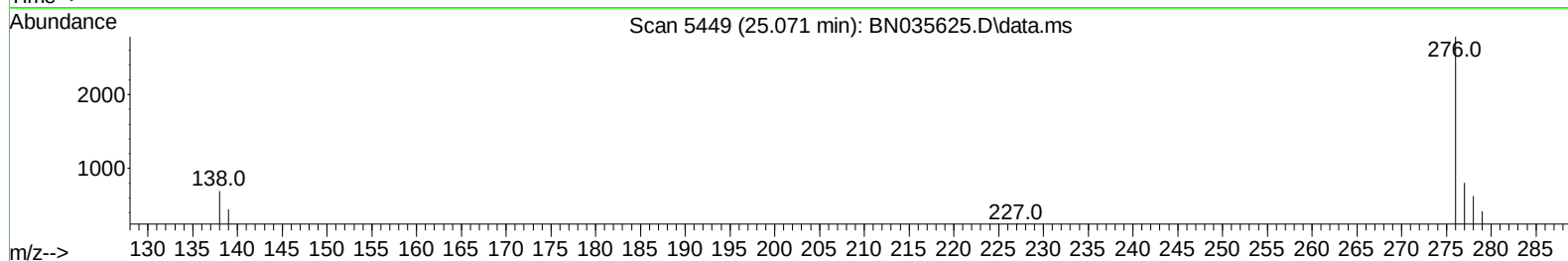
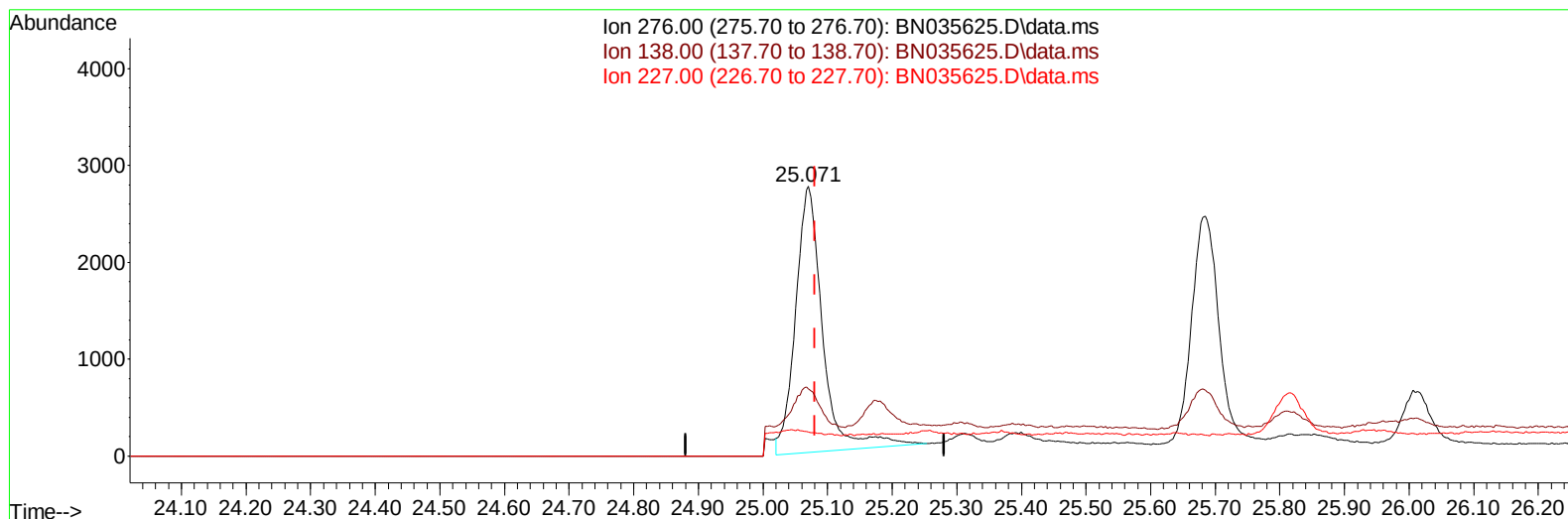
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Data File : BN035625.D
Acq On : 16 Dec 2024 20:00
Operator : RC/JU
Sample : P5232-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T0

Manual IntegrationsAPPROVED

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TIC: BN035625.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.071min (-0.010) 0.24 ng/u1

response 7955

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	8.33#
227.00	27.00	0.00#
0.00	0.00	0.00

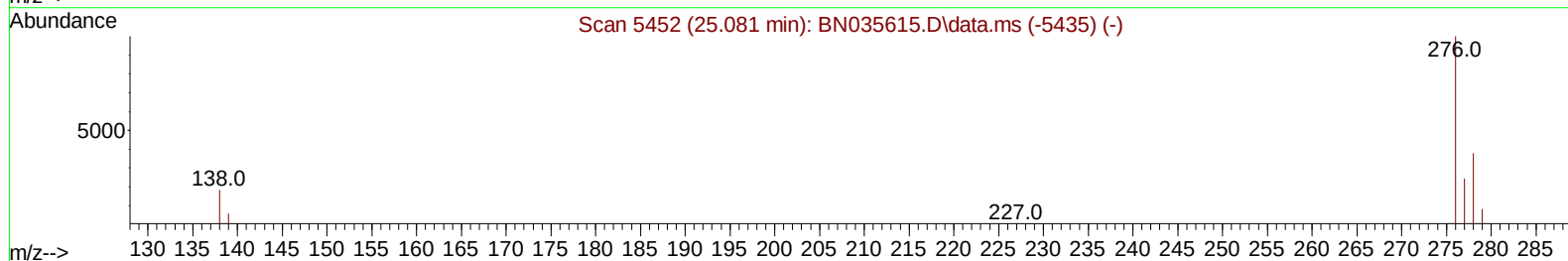
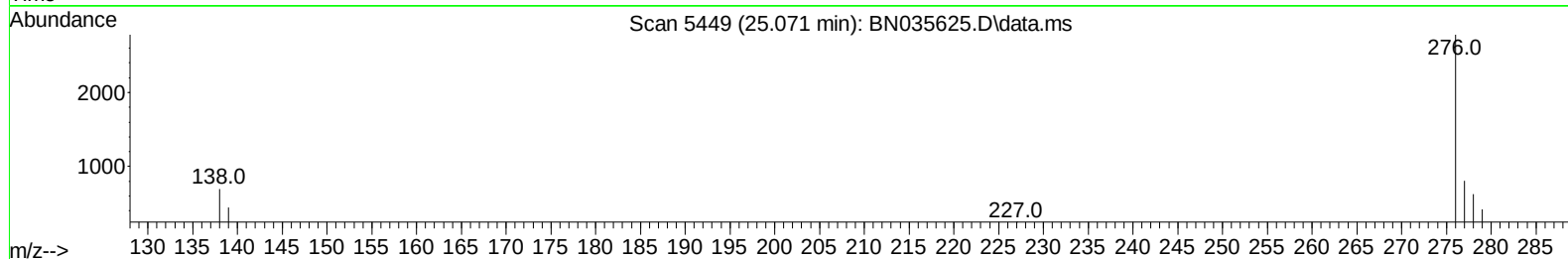
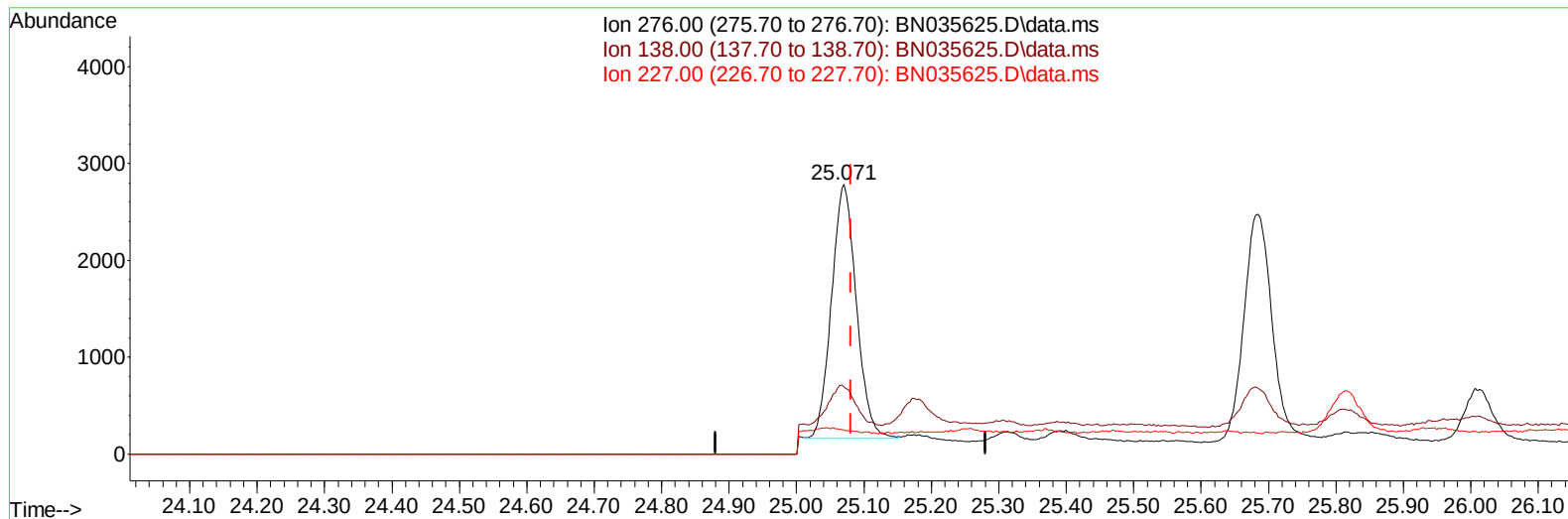
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Sample : P5232-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN035625.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.071min (-0.010) 0.20 ng/ul m

response 6713

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	9.88#
227.00	27.00	0.00#
0.00	0.00	0.00

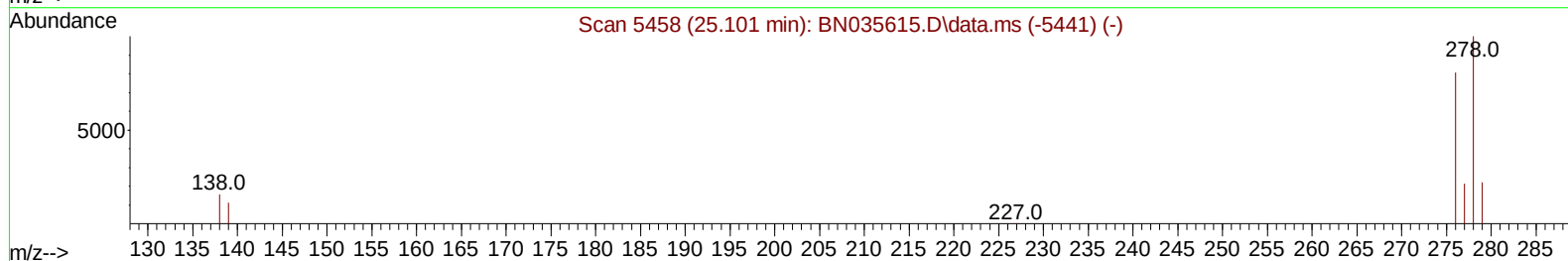
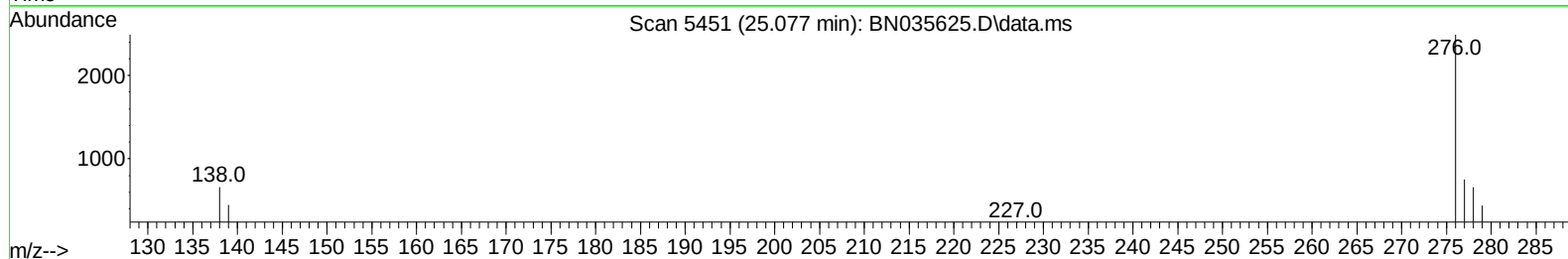
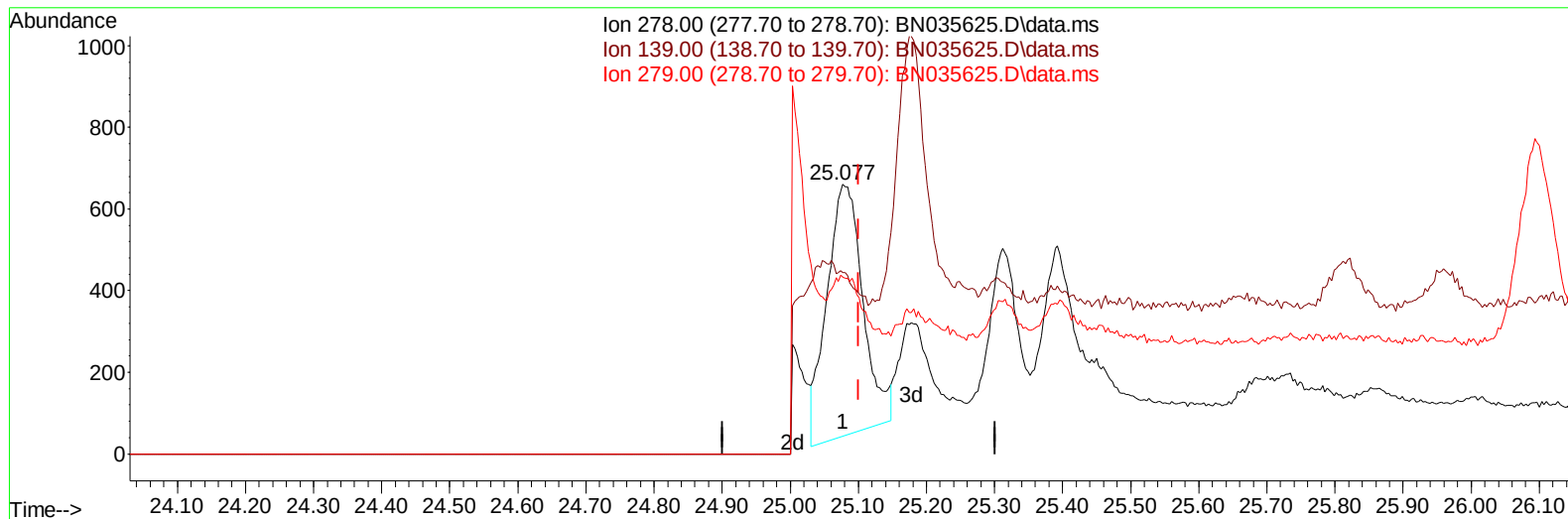
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TIC: BN035625.D\data.ms

(28) Dibenzo(a,h)anthracene

25.077min (-0.024) 0.09 ng/u1

response 2272

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	67.42#
279.00	30.00	65.76#
0.00	0.00	0.00

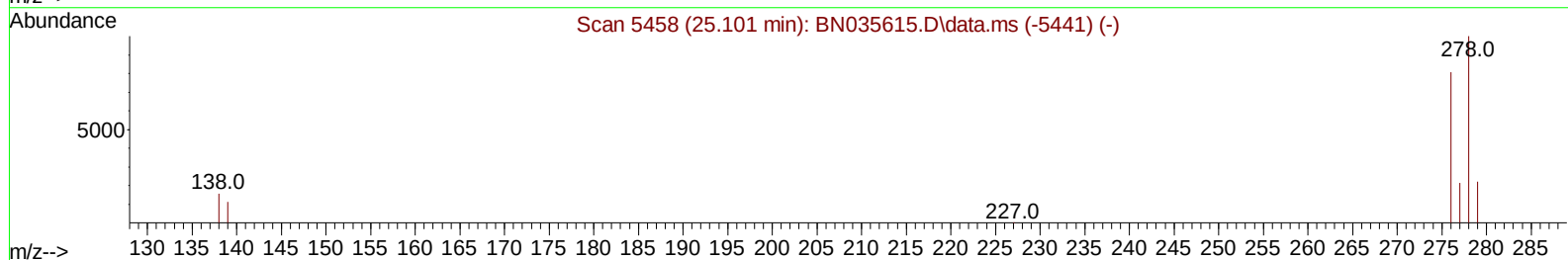
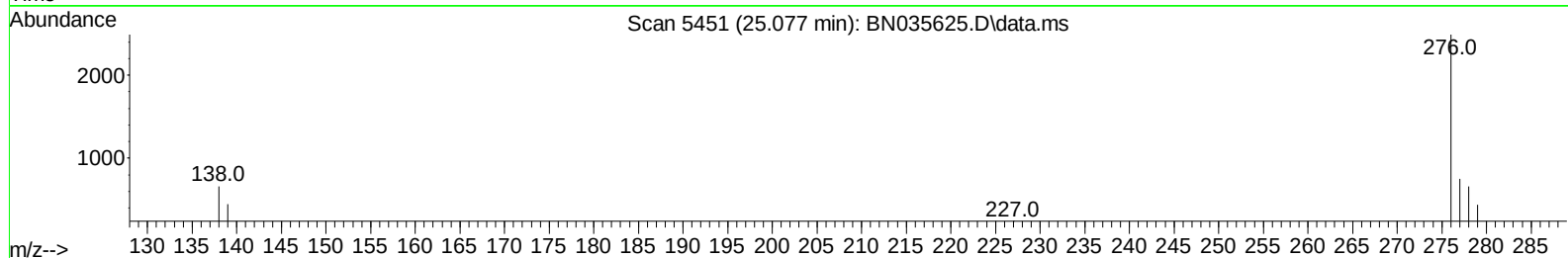
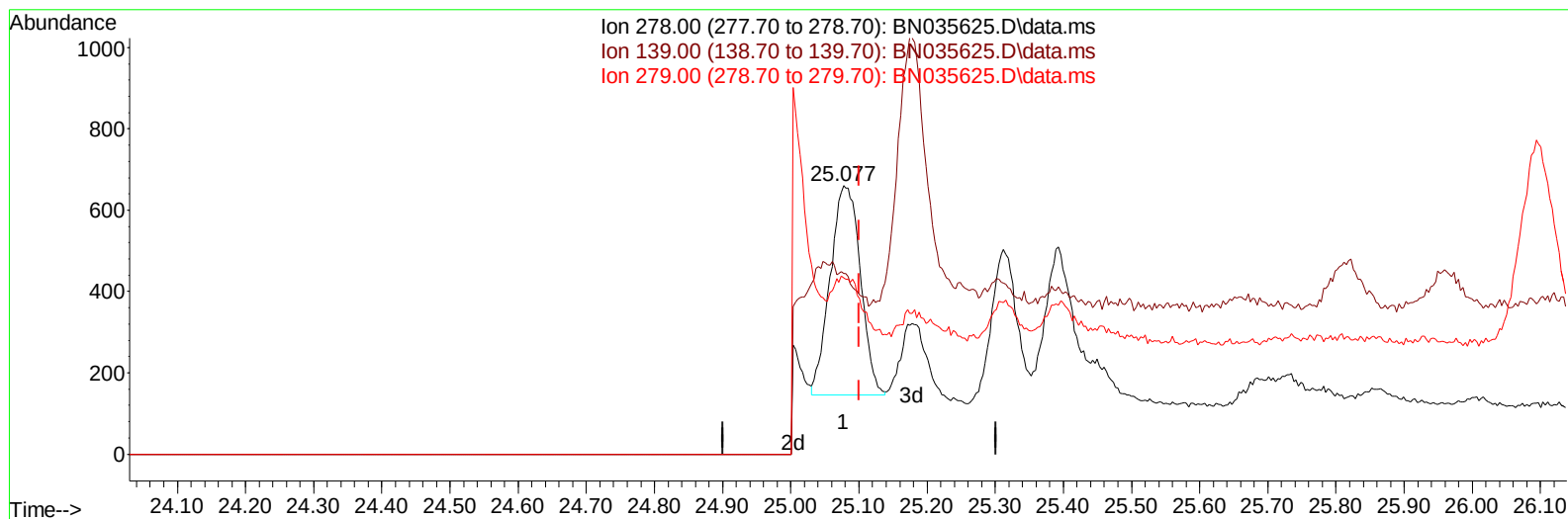
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Operator : RC/JU
Sample : P5232-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

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TIC: BN035625.D\data.ms

(28) Dibenzo(a,h)anthracene

25.077min (-0.024) 0.06 ng/ul m

response 1586

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	67.42#
279.00	30.00	65.76#
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	7.284	152	2373	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7085	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5006	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	11033	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	9445	0.400	ng/ul	0.00
23) Perylene-d12	23.042	264	9495m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	5803	2.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	1486	0.147	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	3443	0.125	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.075	128	1486m	0.086	ng/ul	
7) 2-Methylnaphthalene	11.708	142	1074	0.092	ng/ul	99
8) 1-Methylnaphthalene	11.939	142	755	0.062	ng/ul	98
10) Acenaphthylene	13.657	152	560	0.029	ng/ul#	58
11) Acenaphthene	14.009	153	662	0.045	ng/ul	94
12) Fluorene	15.008	166	544	0.032	ng/ul#	87
14) Pentachlorophenol	16.379	266	89	0.031	ng/ul	99
15) Phenanthrene	16.755	178	9930	0.360	ng/ul	100
16) Anthracene	16.844	178	2308	0.089	ng/ul#	89
19) Fluoranthene	18.795	202	20623	0.611	ng/ul	99
20) Pyrene	19.162	202	18459	0.496	ng/ul	99
21) Benzo(a)anthracene	20.944	228	8803	0.281	ng/ul	95
22) Chrysene	20.993	228	10057	0.309	ng/ul	96
24) Benzo(b)fluoranthene	22.434	252	13634m	0.487	ng/ul	
25) Benzo(k)fluoranthene	22.472	252	5553m	0.179	ng/ul	
26) Benzo(a)pyrene	22.951	252	9403	0.347	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.071	276	6713m	0.203	ng/ul	
28) Dibenzo(a,h)anthracene	25.077	278	1586m	0.063	ng/ul	
29) Benzo(g,h,i)perylene	25.684	276	6974	0.263	ng/ul	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035625.D
Acq On : 16 Dec 2024 20:00
Operator : RC/JU
Sample : P5232-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T0

Manual IntegrationsAPPROVED

Quant Time: Dec 16 21:56:41 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 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

