

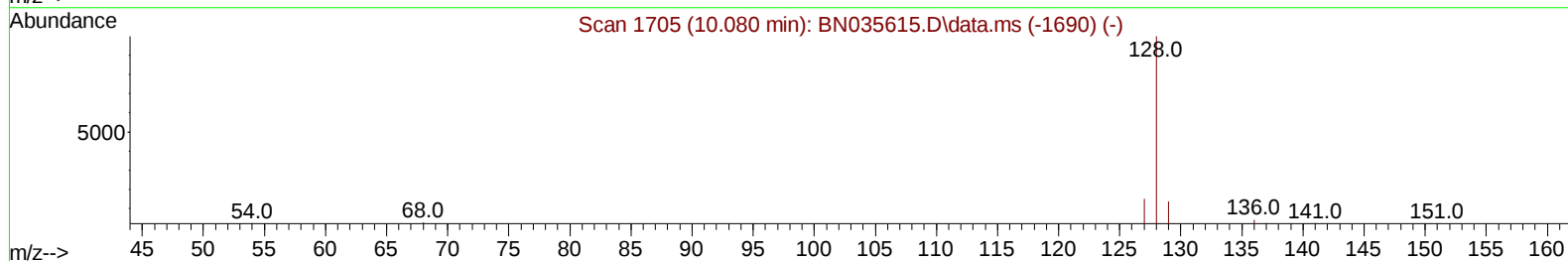
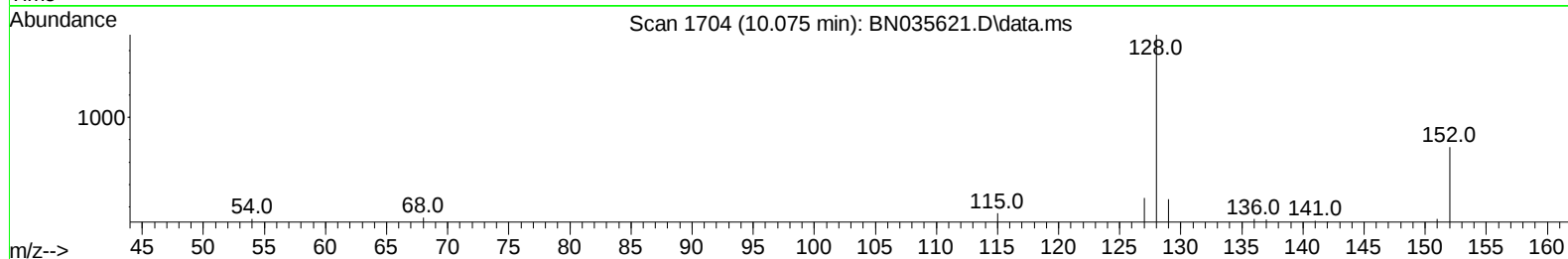
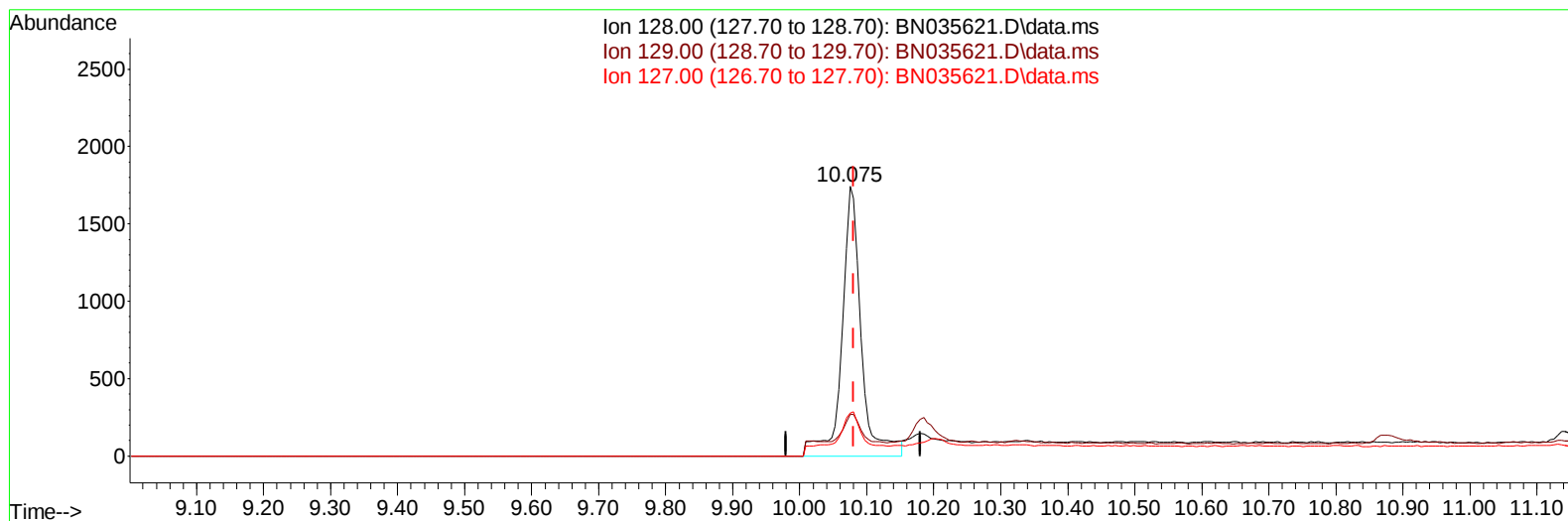
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035621.D
Acq On : 16 Dec 2024 17:37
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S5

Manual IntegrationsAPPROVED

Quant Time: Dec 16 21:55:57 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: BN035621.D\data.ms

(5) Naphthalene

10.075min (-0.005) 0.20 ng/u1

response 3430

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	15.51
127.00	15.00	16.03
0.00	0.00	0.00

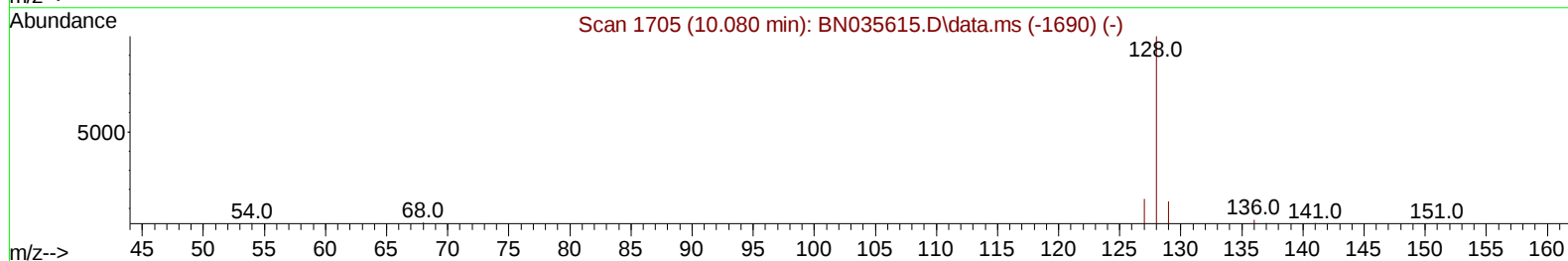
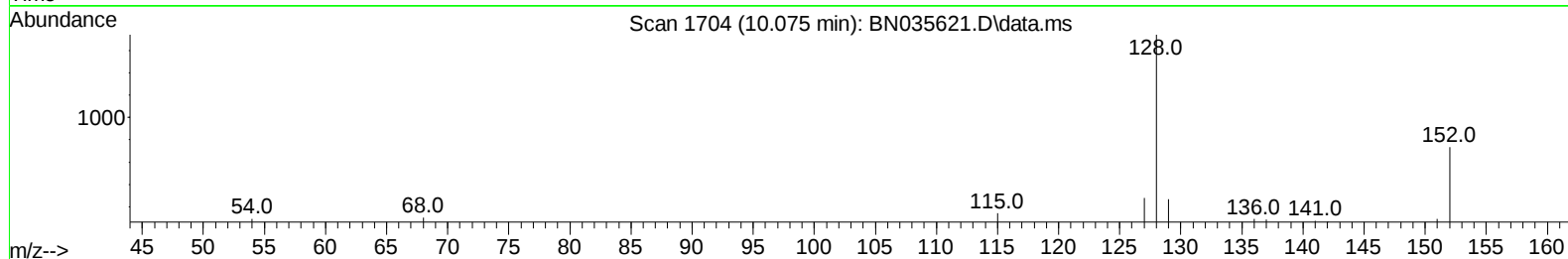
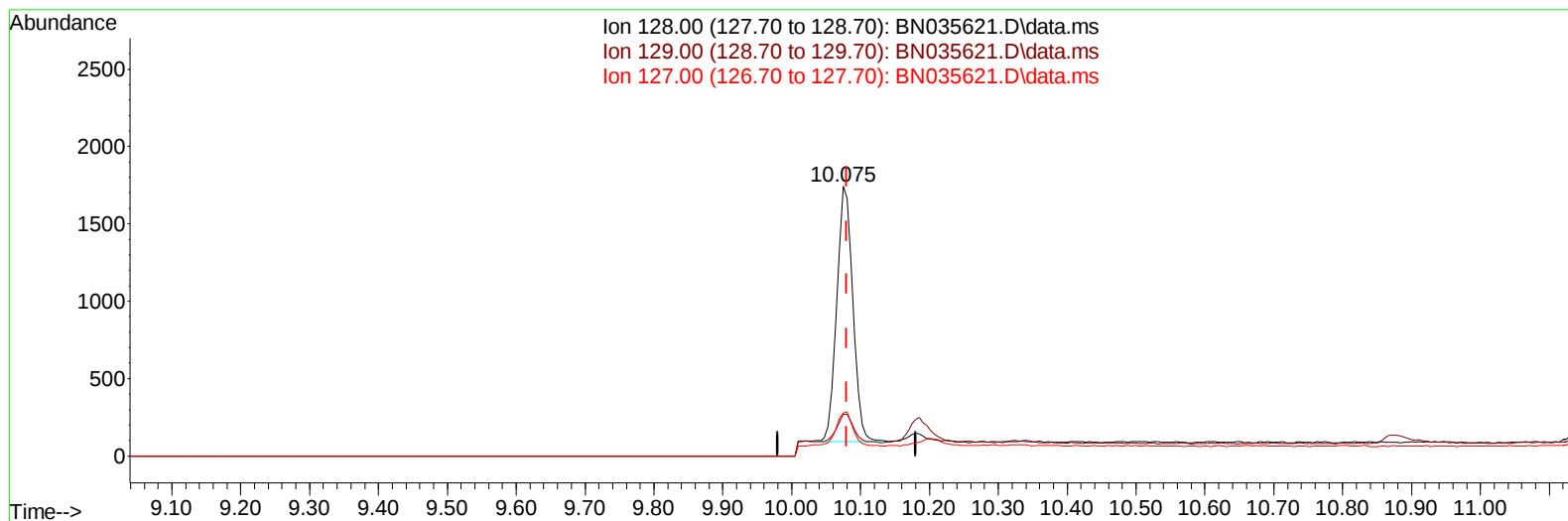
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035621.D
Acq On : 16 Dec 2024 17:37
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S5

Manual IntegrationsAPPROVED

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

Quant Time: Dec 16 21:55:57 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration



TIC: BN035621.D\data.ms

(5) Naphthalene

10.075min (-0.005) 0.16 ng/ul m

response 2663

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	15.51
127.00	15.00	16.03
0.00	0.00	0.00

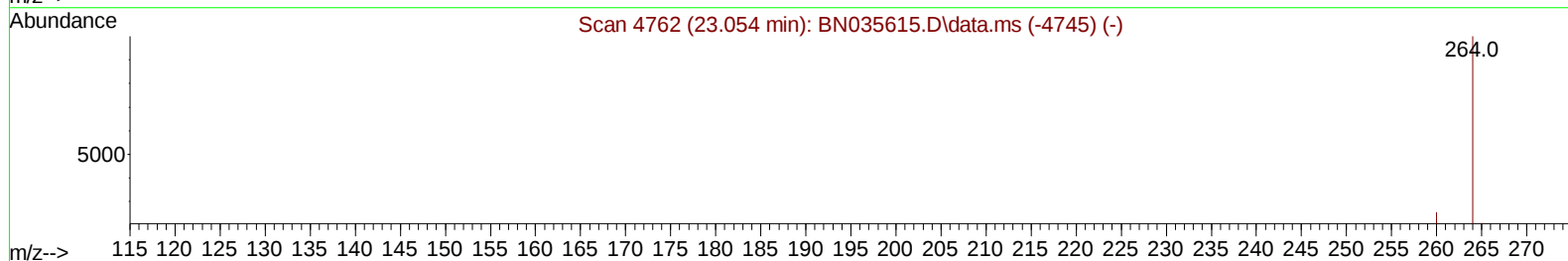
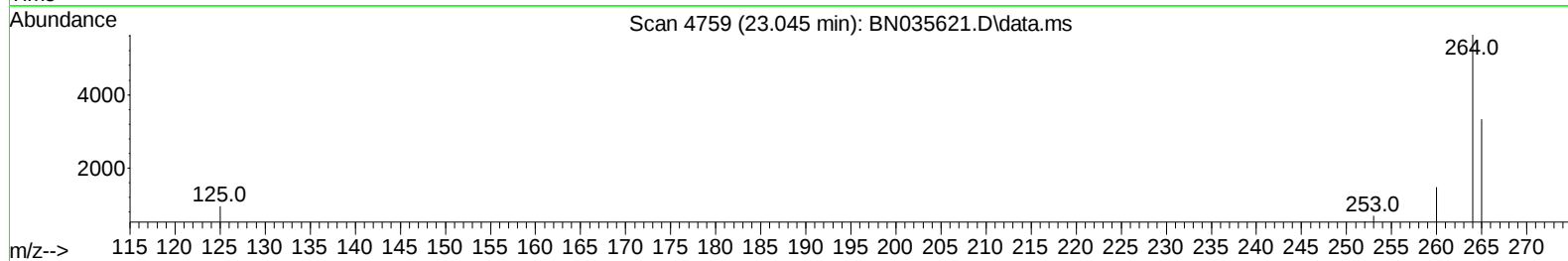
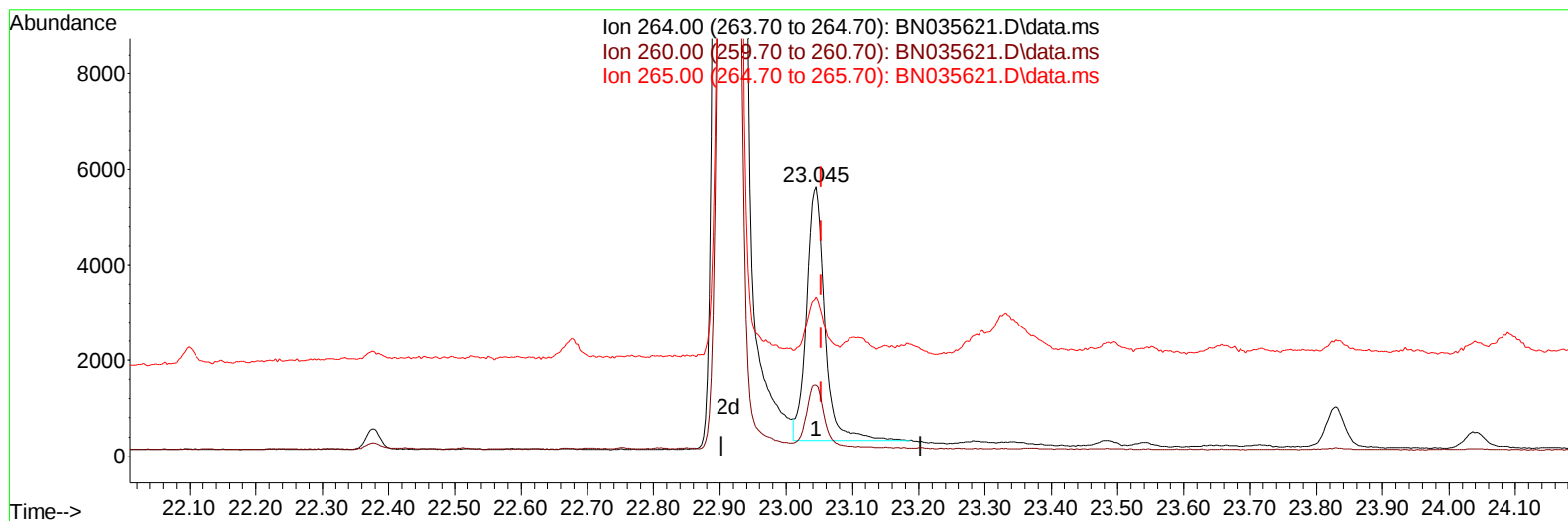
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035621.D
Acq On : 16 Dec 2024 17:37
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S5

Manual IntegrationsAPPROVED

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TIC: BN035621.D\data.ms

(23) Perylene-d12 (I)

23.045min (-0.009) 0.40 ng/u1

response 10263

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	26.24
265.00	62.10	59.01
0.00	0.00	0.00

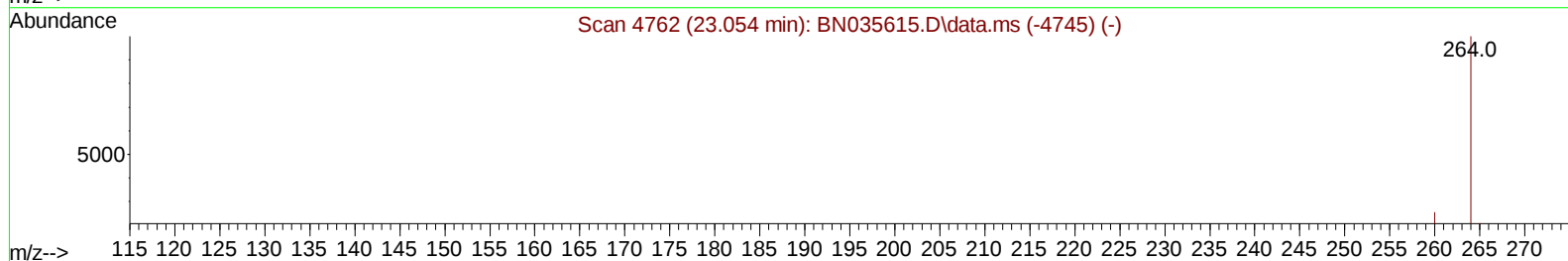
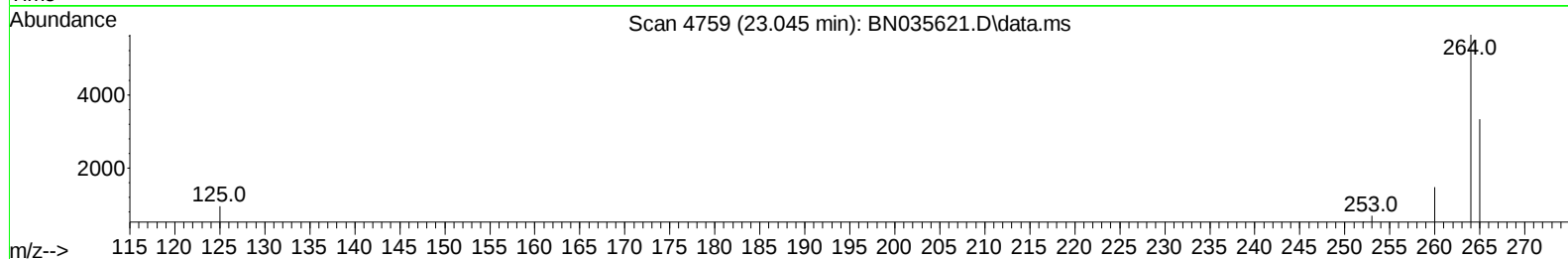
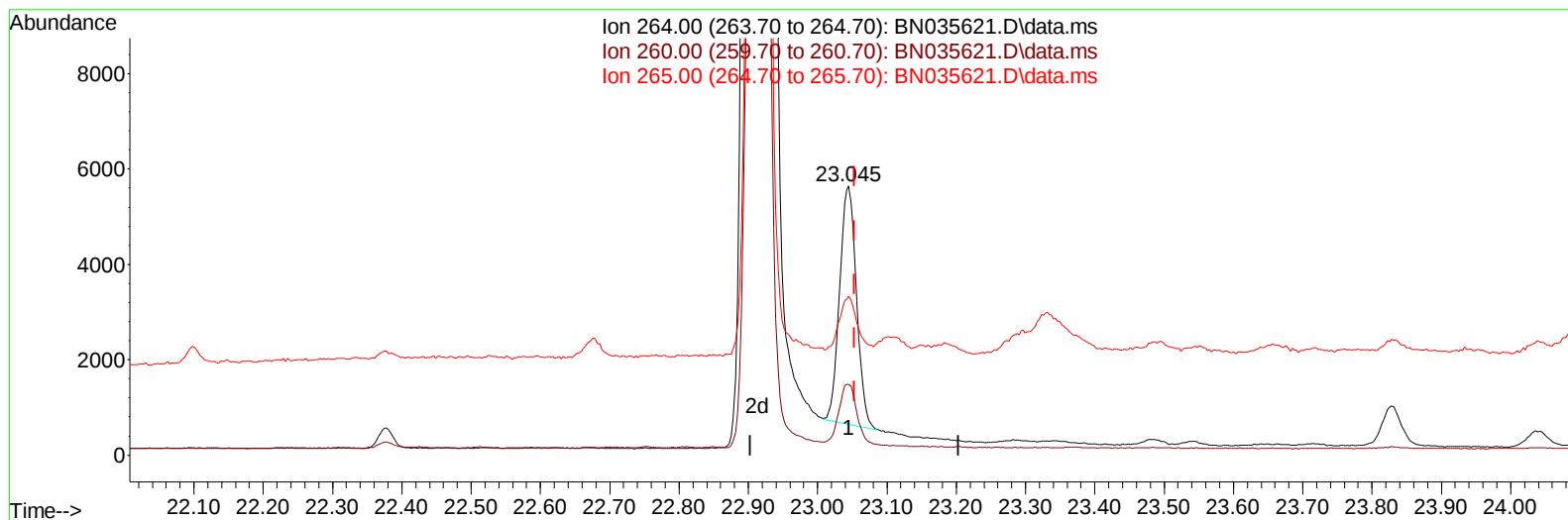
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035621.D
Acq On : 16 Dec 2024 17:37
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S5

Manual IntegrationsAPPROVED

Quant Time: Dec 16 21:55:57 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: BN035621.D\data.ms

(23) Perylene-d12 (I)

23.045min (-0.009) 0.40 ng/ul m

response 8406

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	26.24
265.00	62.10	59.01
0.00	0.00	0.00

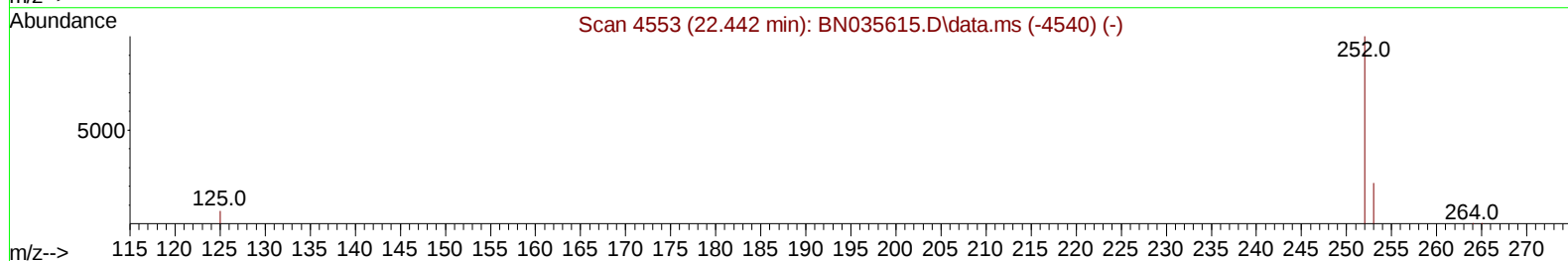
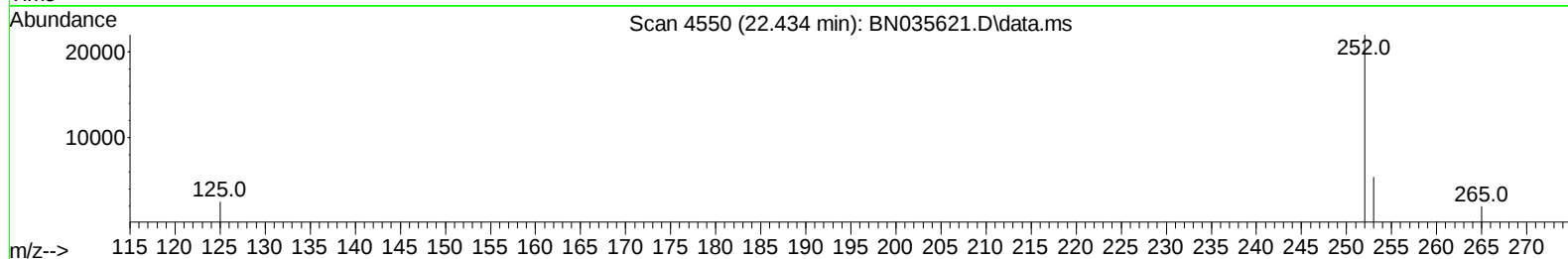
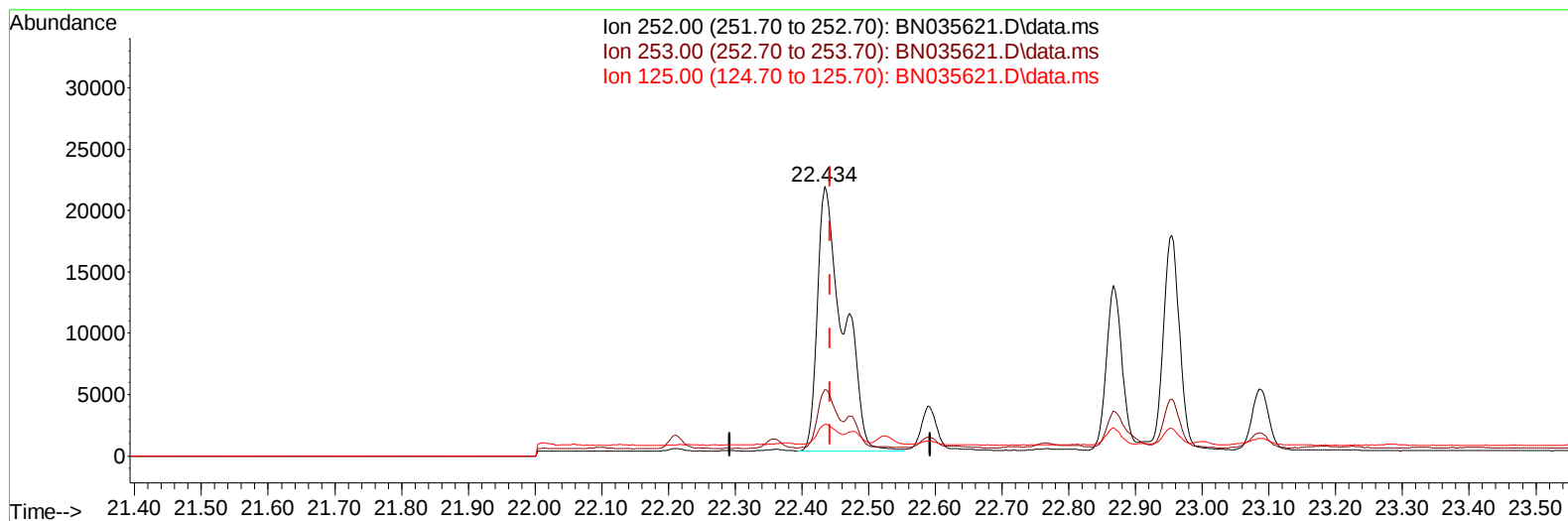
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035621.D
Acq On : 16 Dec 2024 17:37
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S5

Manual IntegrationsAPPROVED

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TIC: BN035621.D\data.ms

(24) Benzo(b)fluoranthene

22.434min (-0.009) 2.31 ng/u1

response 57244

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	24.59
125.00	18.80	11.63
0.00	0.00	0.00

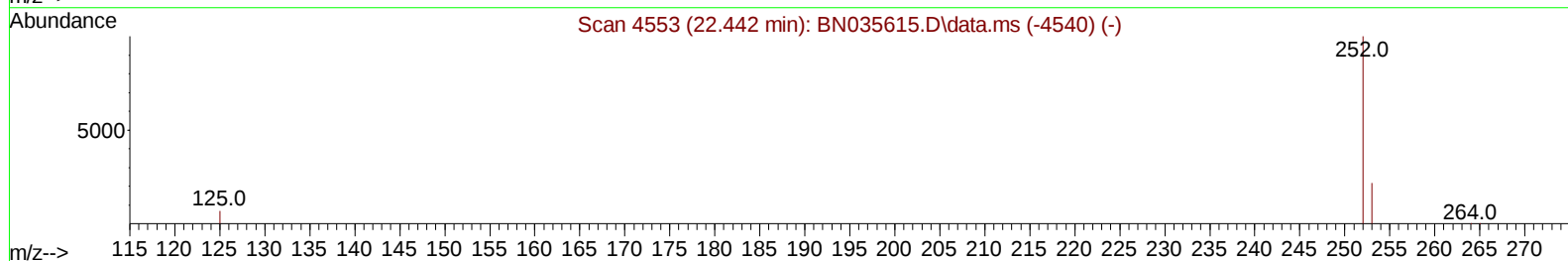
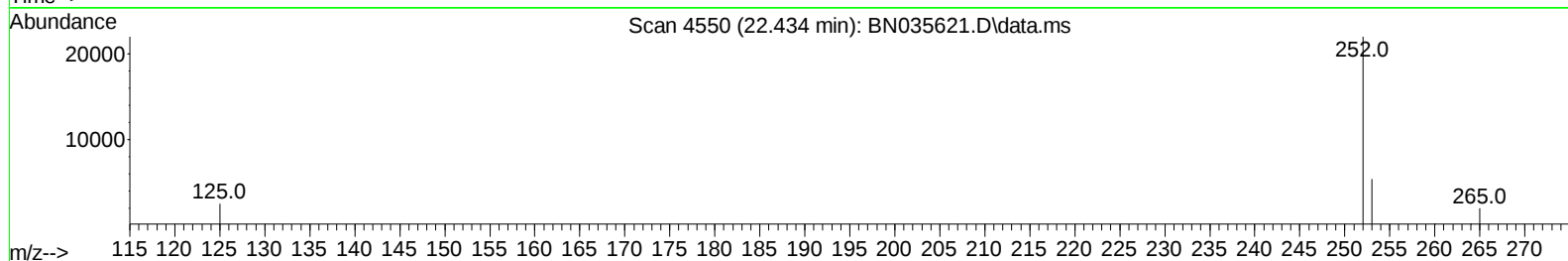
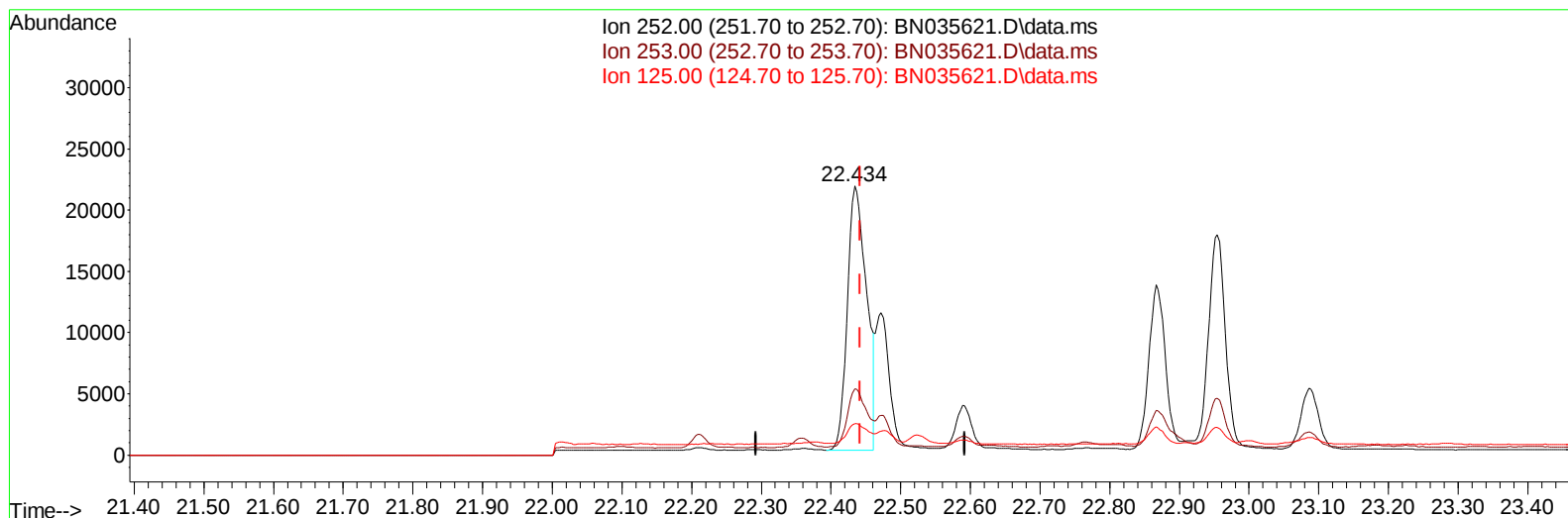
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035621.D
Acq On : 16 Dec 2024 17:37
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S5

Manual IntegrationsAPPROVED

Quant Time: Dec 16 21:55:57 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: BN035621.D\data.ms

(24) Benzo(b)fluoranthene

22.434min (-0.009) 1.66 ng/u1 m

response 41136

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	24.59
125.00	18.80	11.63
0.00	0.00	0.00

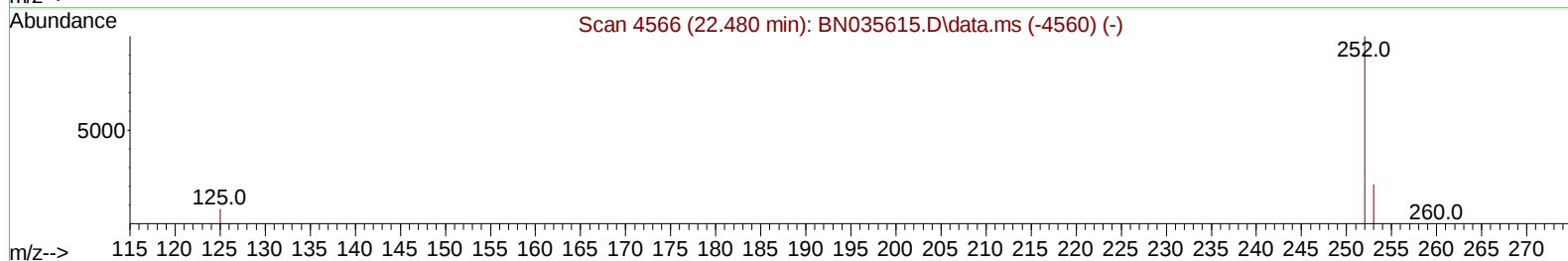
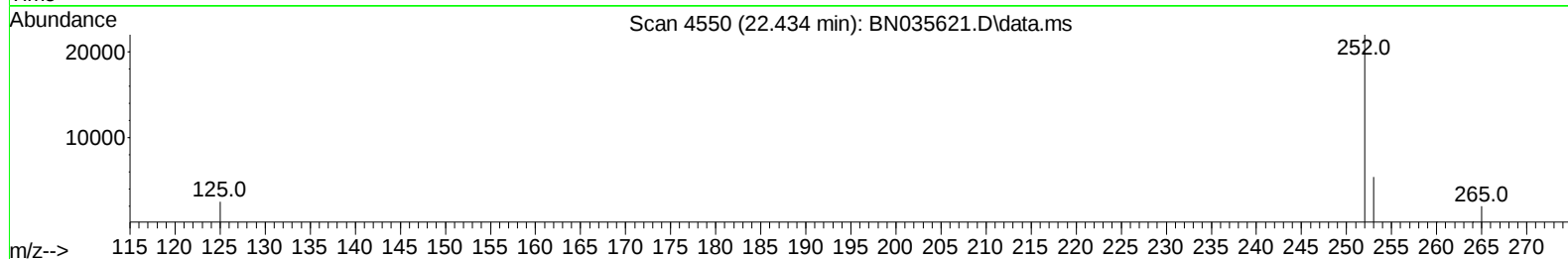
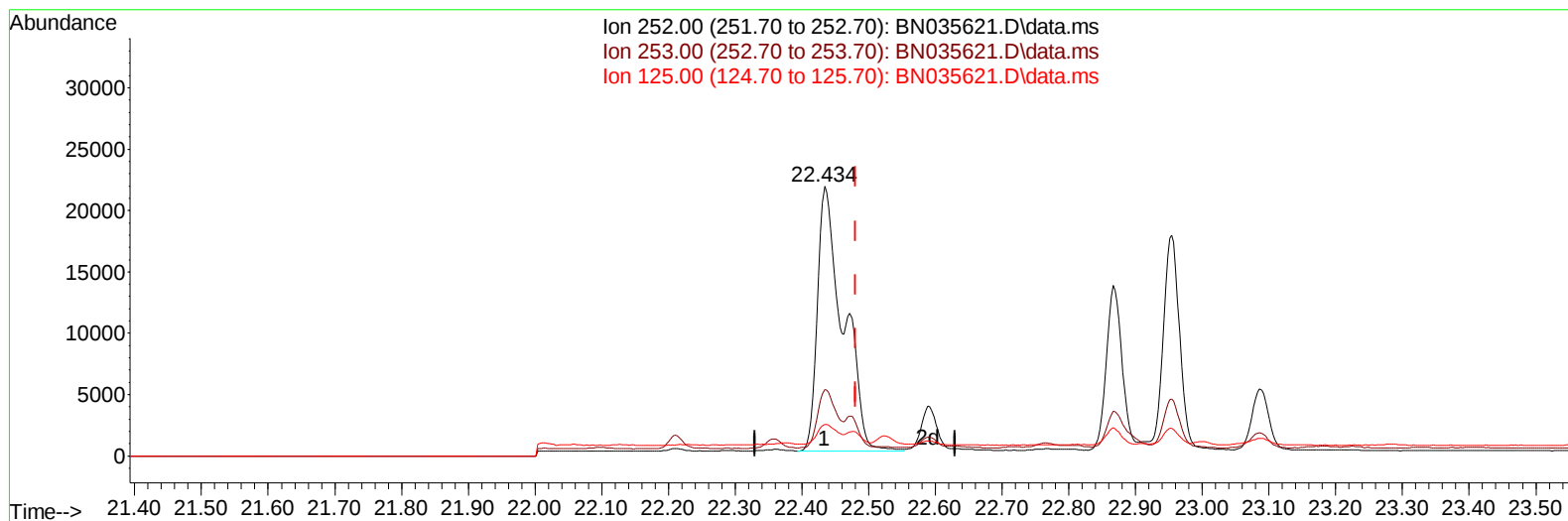
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Data File : BN035621.D
Acq On : 16 Dec 2024 17:37
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S5

Manual IntegrationsAPPROVED

Quant Time: Dec 16 21:55:57 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
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TIC: BN035621.D\data.ms

(25) Benzo(k)fluoranthene

22.434min (-0.047) 2.09 ng/u1

response 57244

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	24.59
125.00	19.10	11.63#
0.00	0.00	0.00

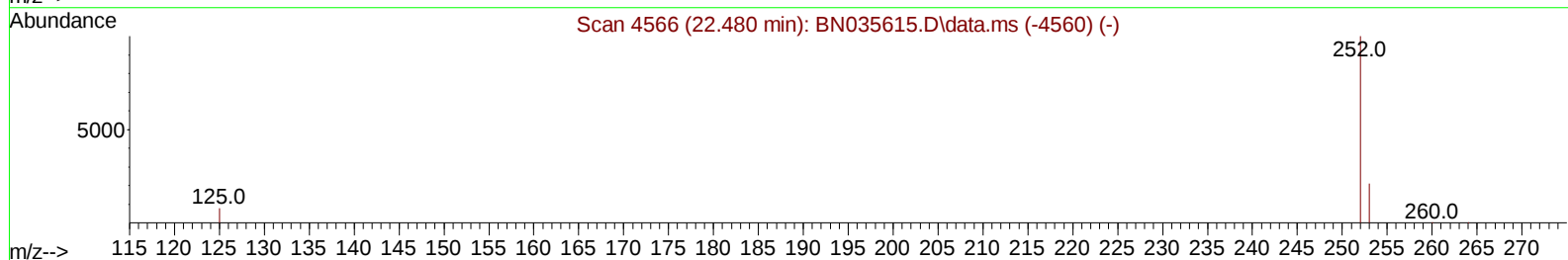
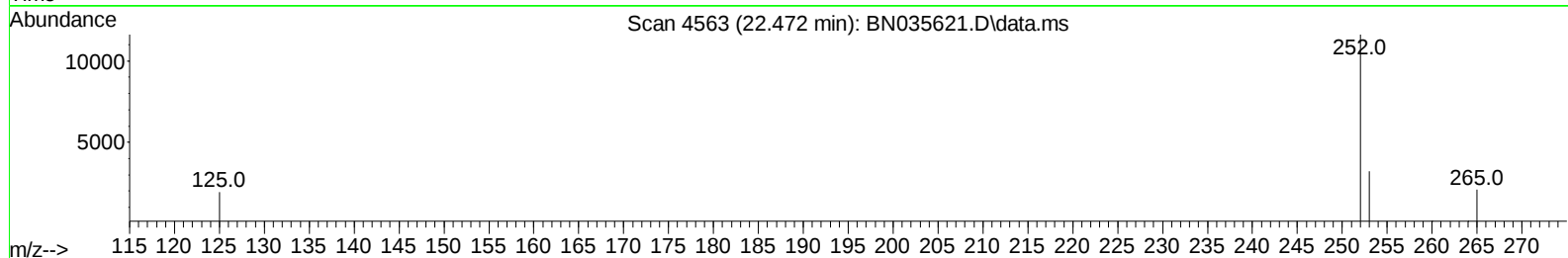
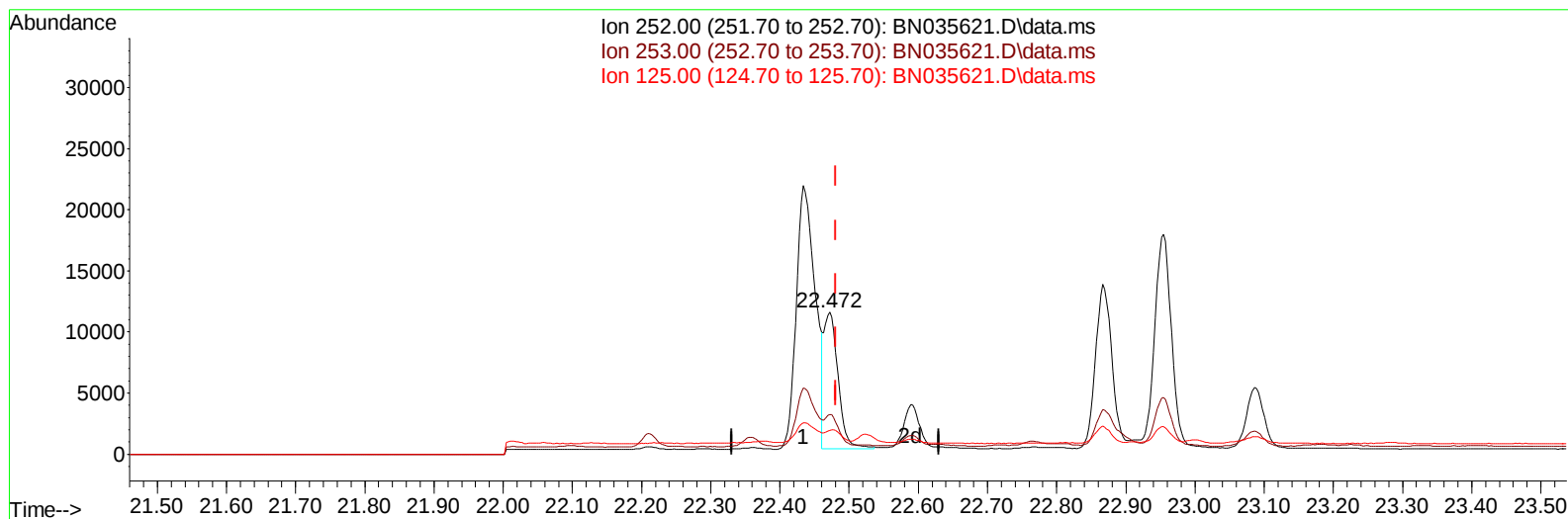
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Data File : BN035621.D
Acq On : 16 Dec 2024 17:37
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S5

Manual IntegrationsAPPROVED

Quant Time: Dec 16 21:55:57 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: BN035621.D\data.ms

(25) Benzo(k)fluoranthene

22.472min (-0.009) 0.59 ng/u1 m

response 16052

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	27.84
125.00	19.10	16.81
0.00	0.00	0.00

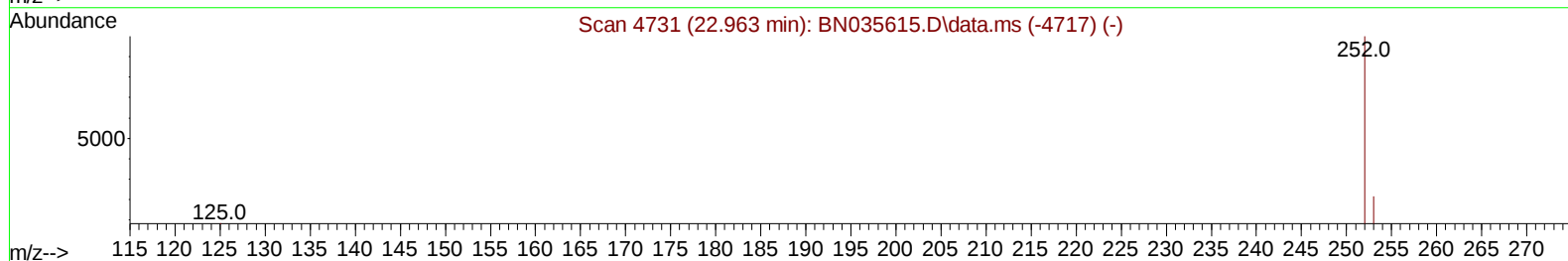
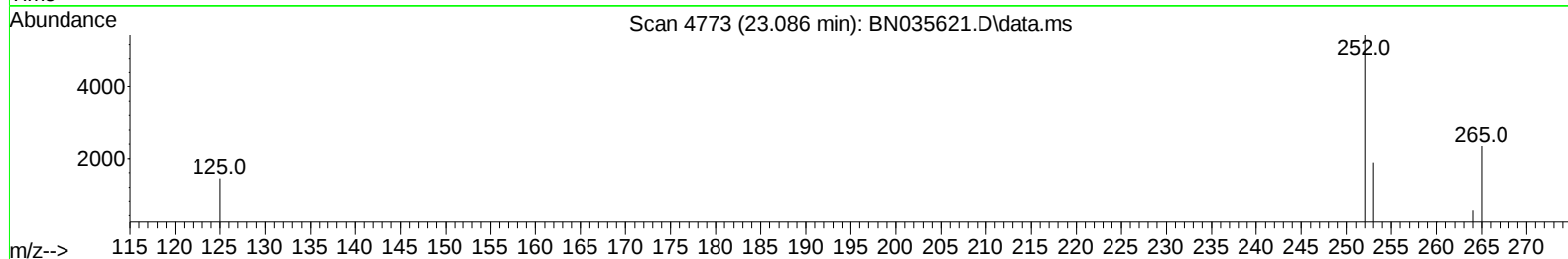
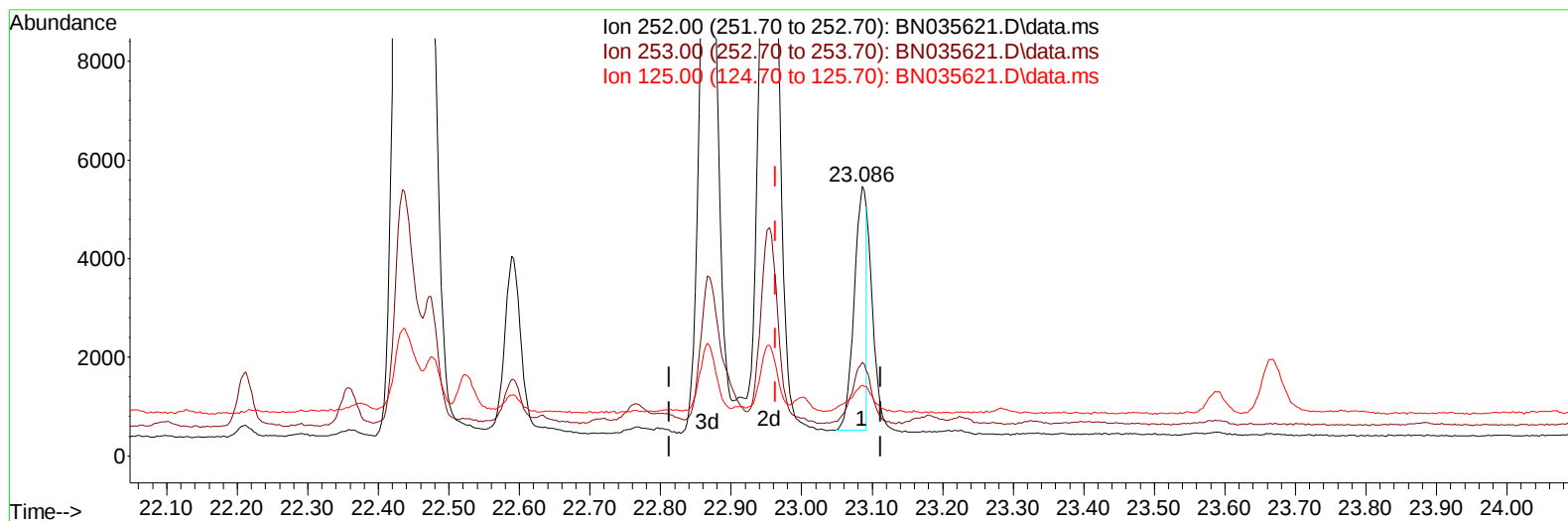
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035621.D
Acq On : 16 Dec 2024 17:37
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S5

Manual IntegrationsAPPROVED

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QLast Update : Mon Dec 16 16:26:08 2024
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TIC: BN035621.D\data.ms

(26) Benzo(a)pyrene (C)

23.086min (+ 0.123) 0.25 ng/u1

response 5975

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.10	34.71
125.00	23.90	26.42
0.00	0.00	0.00

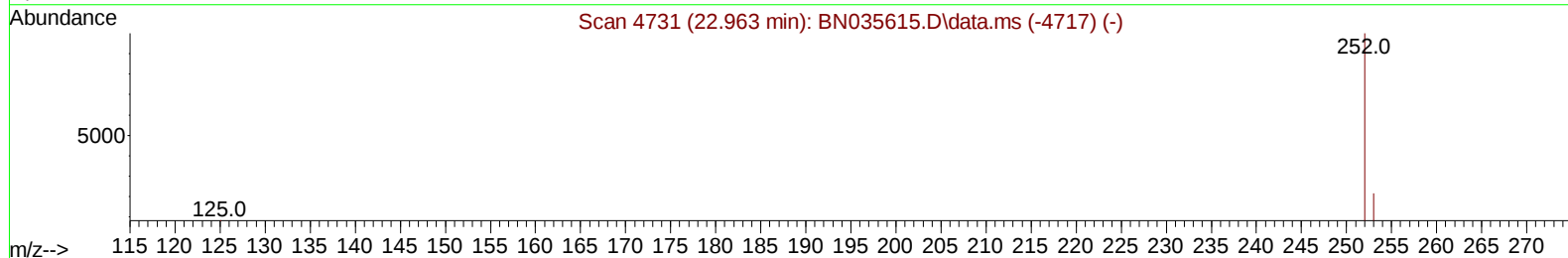
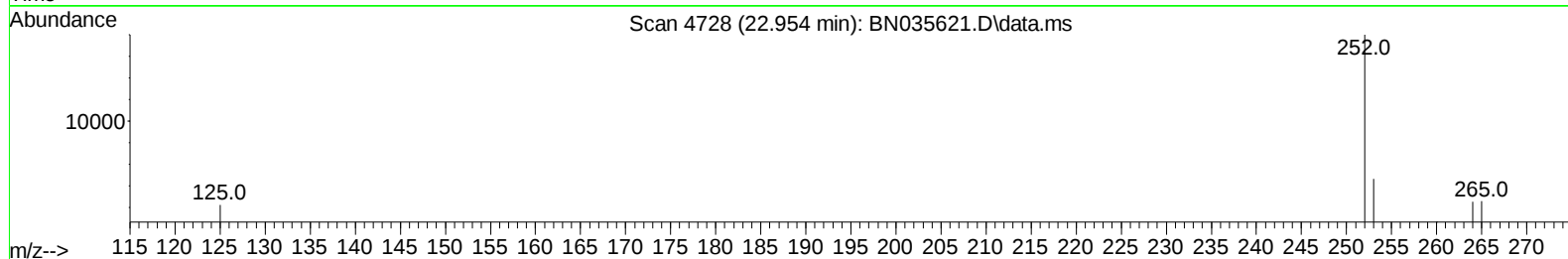
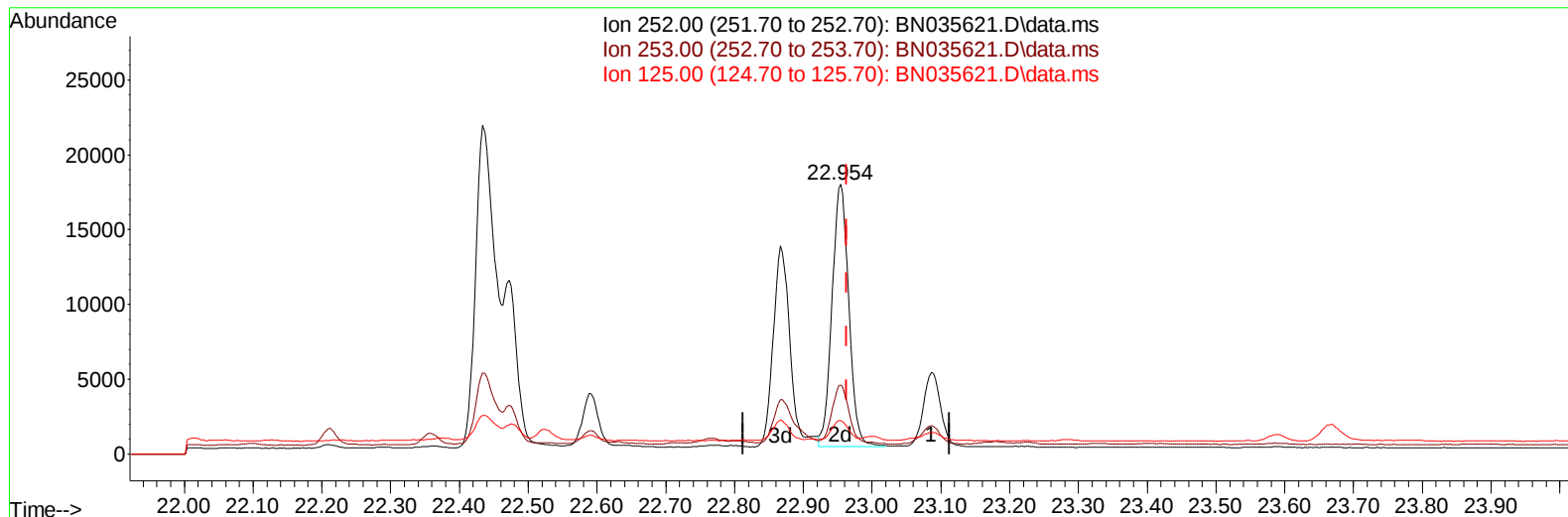
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035621.D
Acq On : 16 Dec 2024 17:37
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S5

Manual IntegrationsAPPROVED

Quant Time: Dec 16 21:55:57 2024
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Supervised By :mohammad ahmed 12/21/2024



TIC: BN035621.D\data.ms

(26) Benzo(a)pyrene (C)

22.954min (-0.009) 1.24 ng/u1 m

response 29667

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.10	25.67
125.00	23.90	12.44#
0.00	0.00	0.00

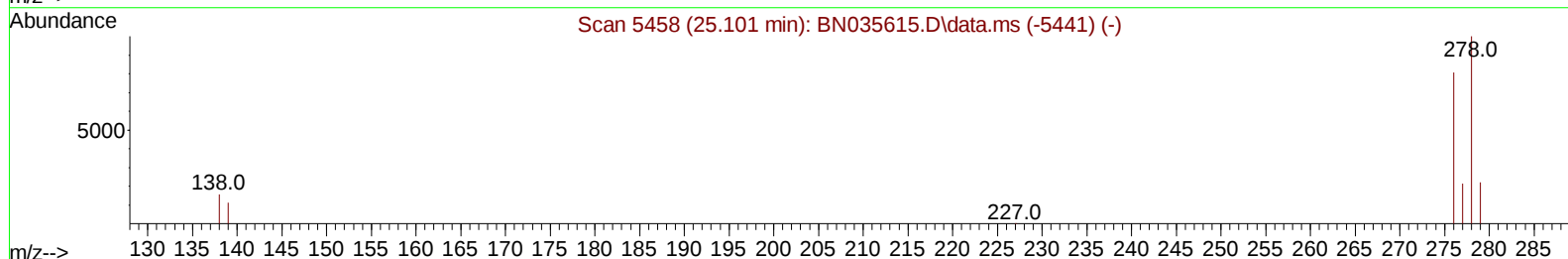
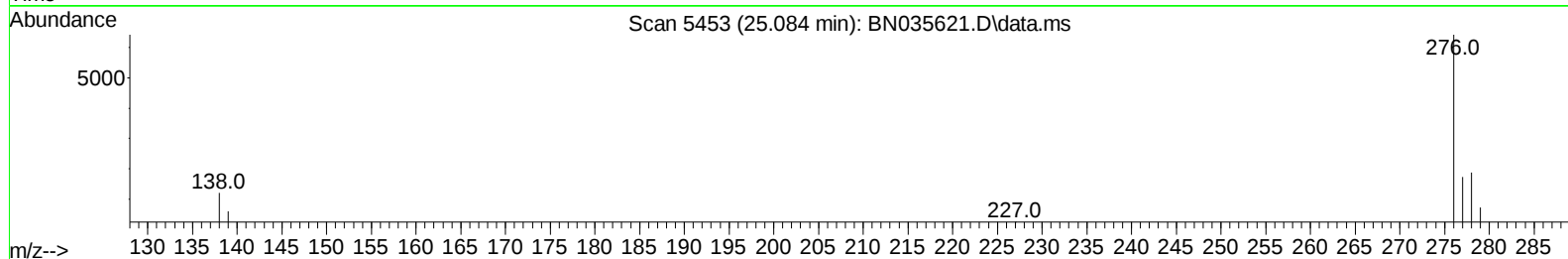
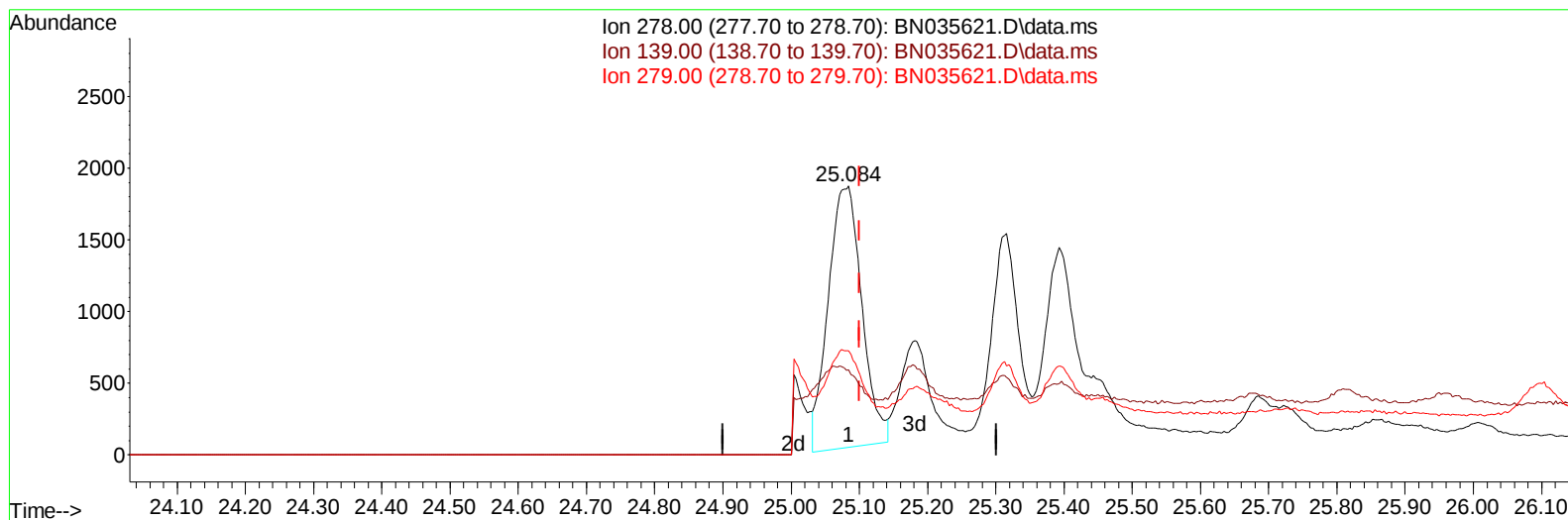
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035621.D
Acq On : 16 Dec 2024 17:37
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035621.D\data.ms

(28) Dibenzo(a,h)anthracene

25.084min (-0.017) 0.28 ng/u1

response 6256

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	31.73#
279.00	30.00	38.67#
0.00	0.00	0.00

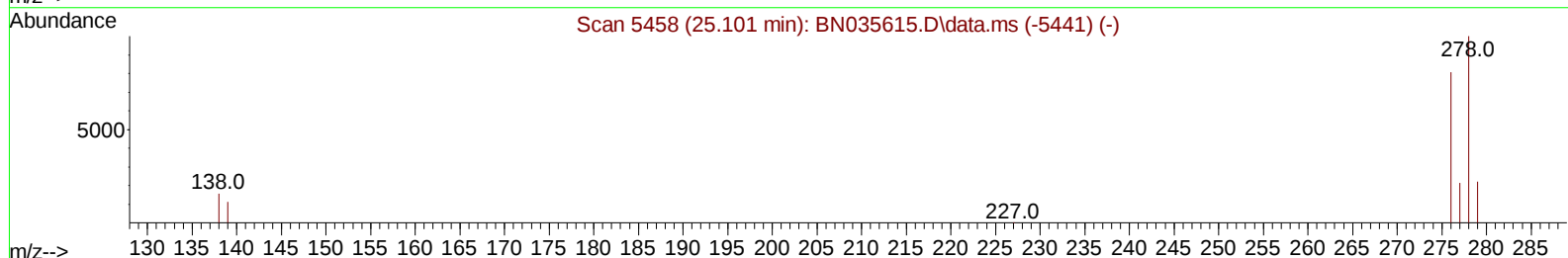
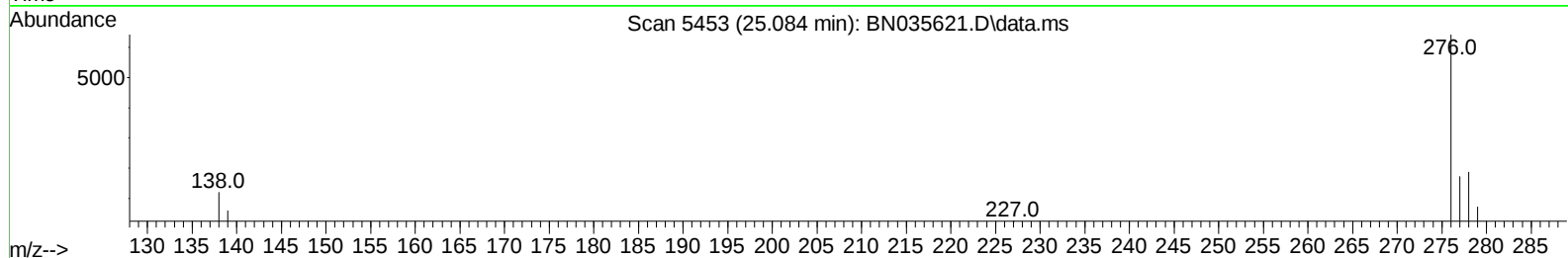
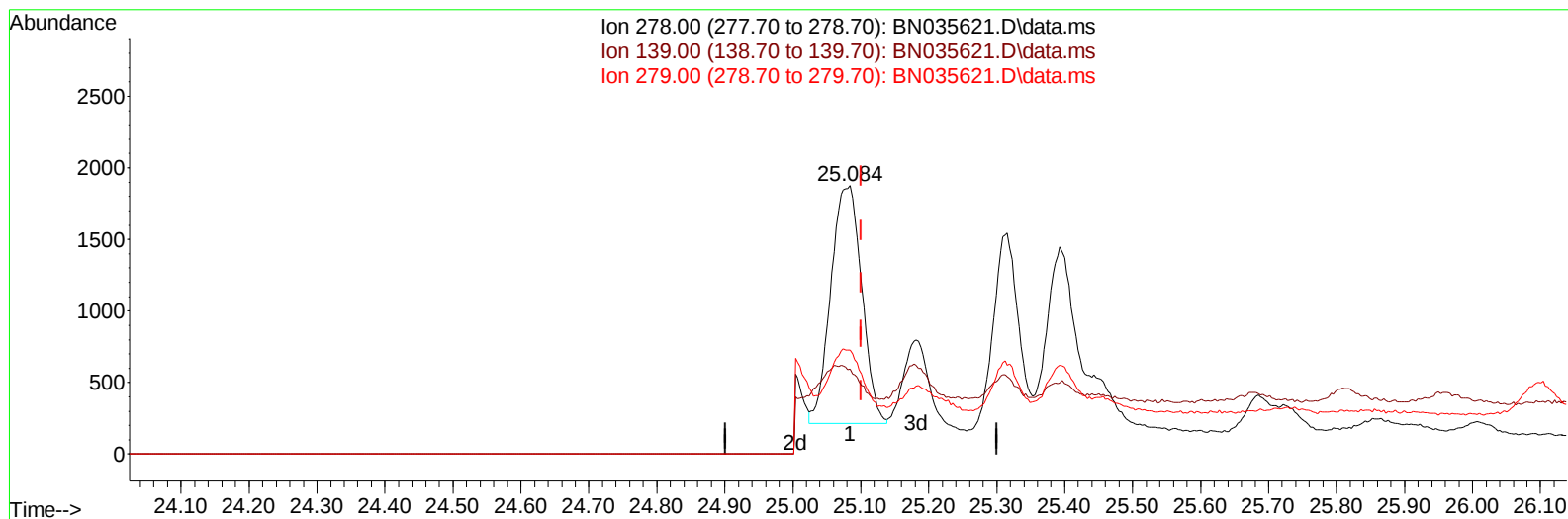
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Data File : BN035621.D
Acq On : 16 Dec 2024 17:37
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S5

Manual IntegrationsAPPROVED

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



TIC: BN035621.D\data.ms

(28) Dibenzo(a,h)anthracene

25.084min (-0.017) 0.23 ng/ul m

response 5224

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	31.73#
279.00	30.00	38.67#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035621.D
 Acq On : 16 Dec 2024 17:37
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 Sample : P5232-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S5

Manual IntegrationsAPPROVED

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 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2274	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	6831	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	4849	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	10533	0.400	ng/ul	0.00
17) Chrysene-d12	20.959	240	8631	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	8406m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	4851	2.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	1635	0.168	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	4335	0.172	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	2663m	0.159	ng/ul	
7) 2-Methylnaphthalene	11.708	142	2127	0.189	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	1615	0.138	ng/ul	98
10) Acenaphthylene	13.657	152	4015	0.214	ng/ul	97
11) Acenaphthene	14.009	153	447	0.031	ng/ul#	92
12) Fluorene	15.008	166	610	0.037	ng/ul#	85
14) Pentachlorophenol	16.375	266	94	0.035	ng/ul	98
15) Phenanthrene	16.755	178	19232	0.730	ng/ul	99
16) Anthracene	16.844	178	4235	0.172	ng/ul#	94
19) Fluoranthene	18.796	202	50312	1.630	ng/ul	98
20) Pyrene	19.163	202	43258	1.272	ng/ul	98
21) Benzo(a)anthracene	20.941	228	22853	0.798	ng/ul	96
22) Chrysene	20.994	228	26056	0.877	ng/ul	98
24) Benzo(b)fluoranthene	22.434	252	41136m	1.661	ng/ul	
25) Benzo(k)fluoranthene	22.472	252	16052m	0.586	ng/ul	
26) Benzo(a)pyrene	22.954	252	29667m	1.237	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.068	276	25022	0.857	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.084	278	5224m	0.234	ng/ul	
29) Benzo(g,h,i)perylene	25.681	276	25654	1.095	ng/ul#	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035621.D
Acq On : 16 Dec 2024 17:37
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S5

Manual IntegrationsAPPROVED

Quant Time: Dec 16 21:55:57 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

