

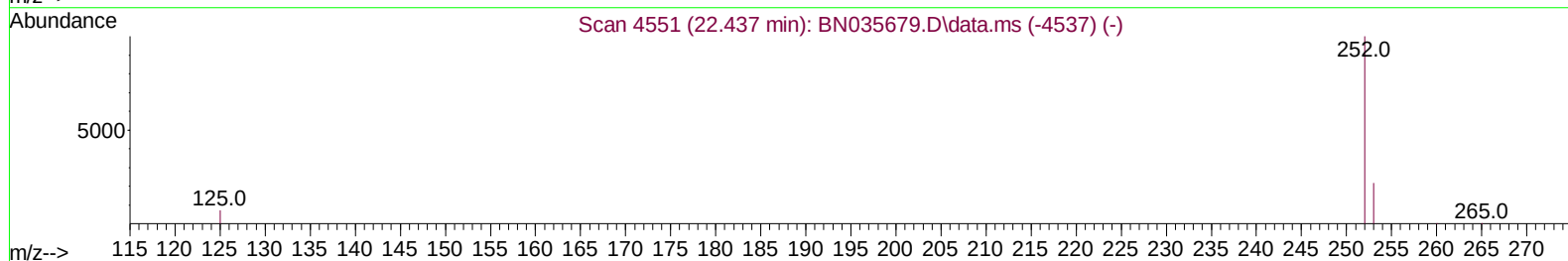
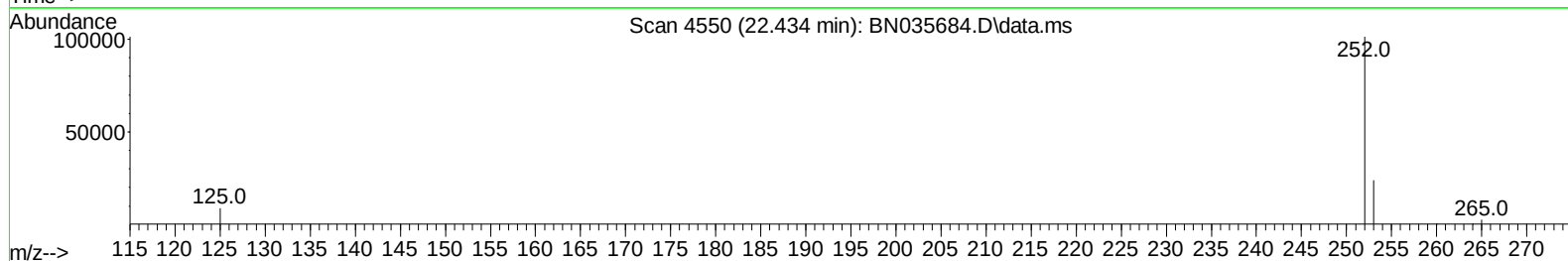
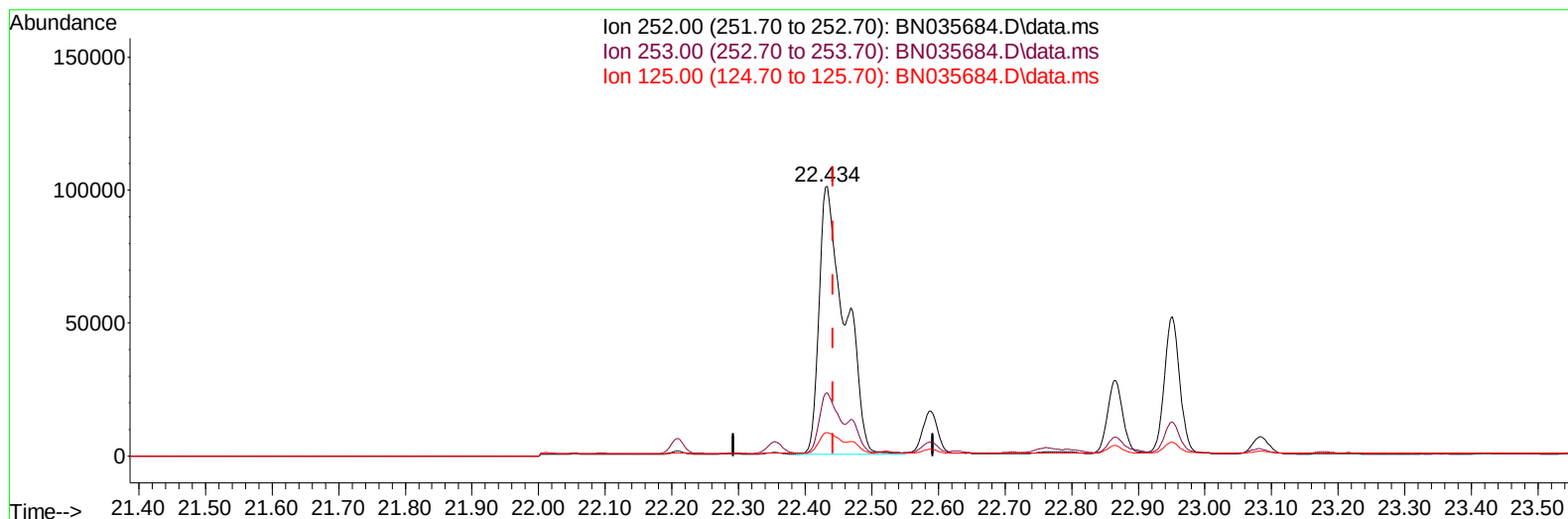
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035684.D
Acq On : 19 Dec 2024 00:06
Operator : RC/JU
Sample : P5258-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:00:42 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: BN035684.D\data.ms

(24) Benzo(b)fluoranthene

22.434min (-0.009) 9.84 ng/uI

response 272535

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	23.45
125.00	18.80	8.67
0.00	0.00	0.00

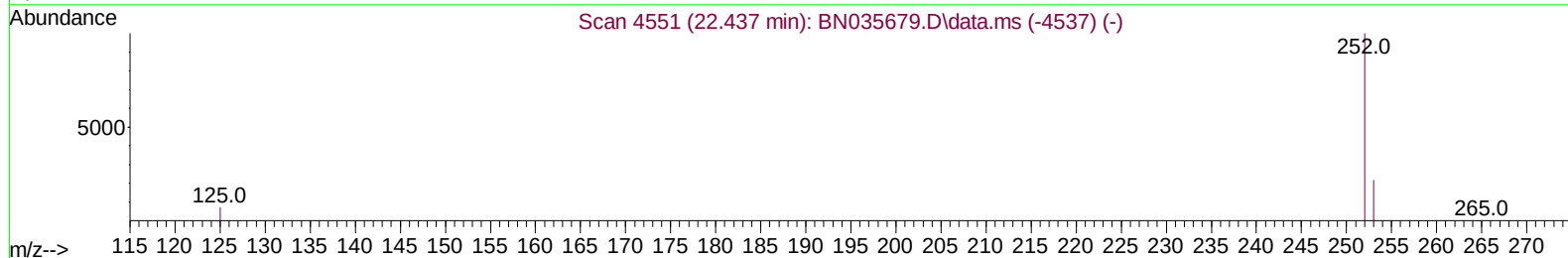
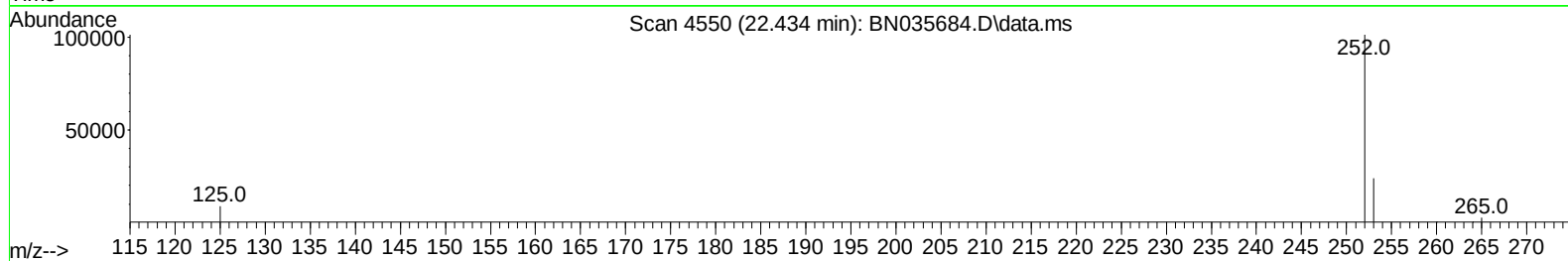
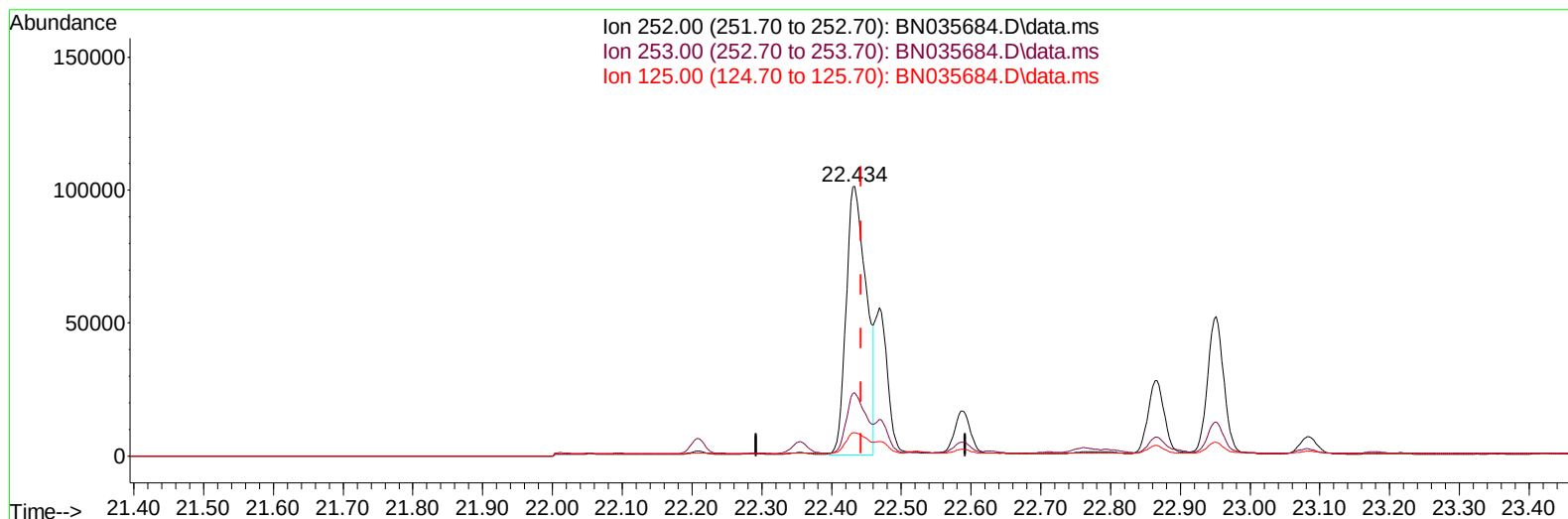
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
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Operator : RC/JU
Sample : P5258-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN035684.D\data.ms

(24) Benzo(b)fluoranthene

22.434min (-0.009) 7.38 ng/ul m

response 204364

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	23.45
125.00	18.80	8.67
0.00	0.00	0.00

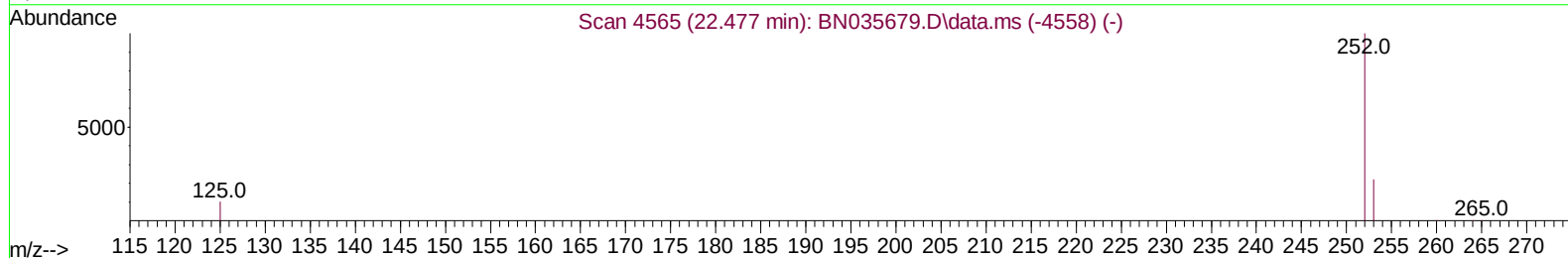
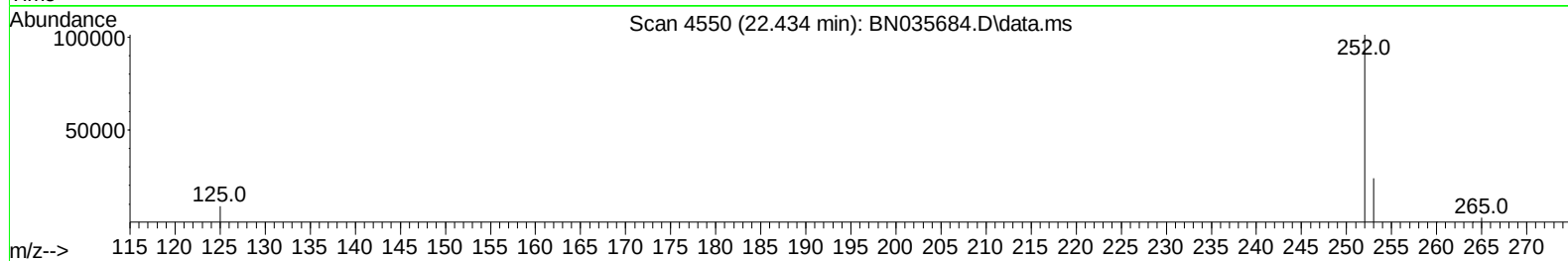
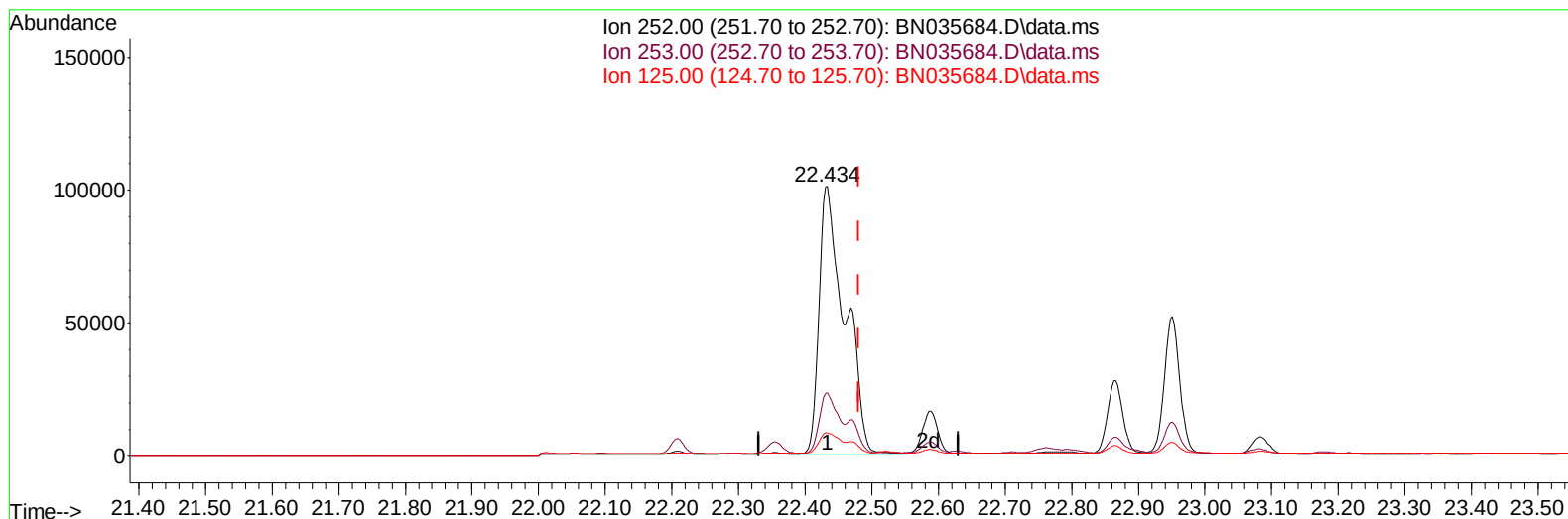
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Data File : BN035684.D
Acq On : 19 Dec 2024 00:06
Operator : RC/JU
Sample : P5258-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2

Manual IntegrationsAPPROVED

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TIC: BN035684.D\data.ms

(25) Benzo(k)fluoranthene

22.434min (-0.047) 8.89 ng/u1

response 272535

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	23.45
125.00	19.10	8.67#
0.00	0.00	0.00

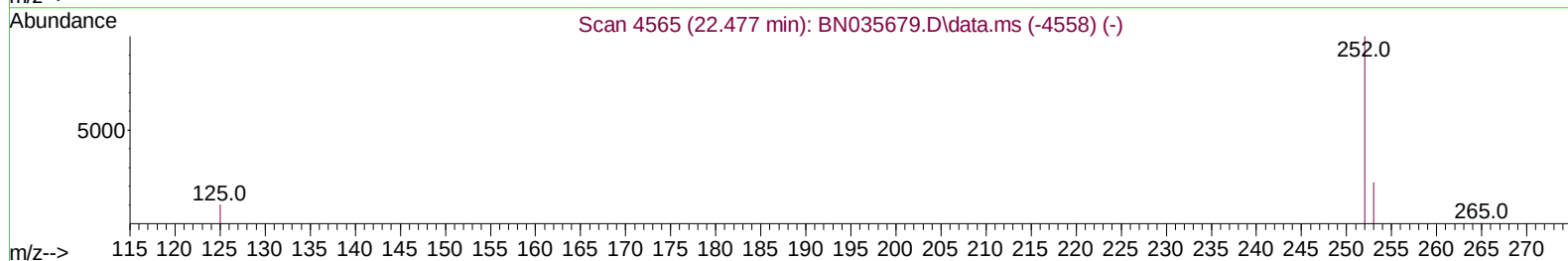
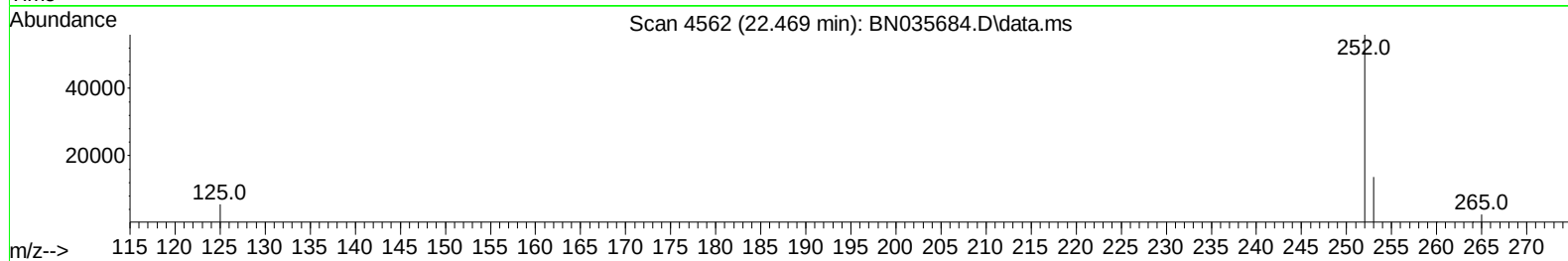
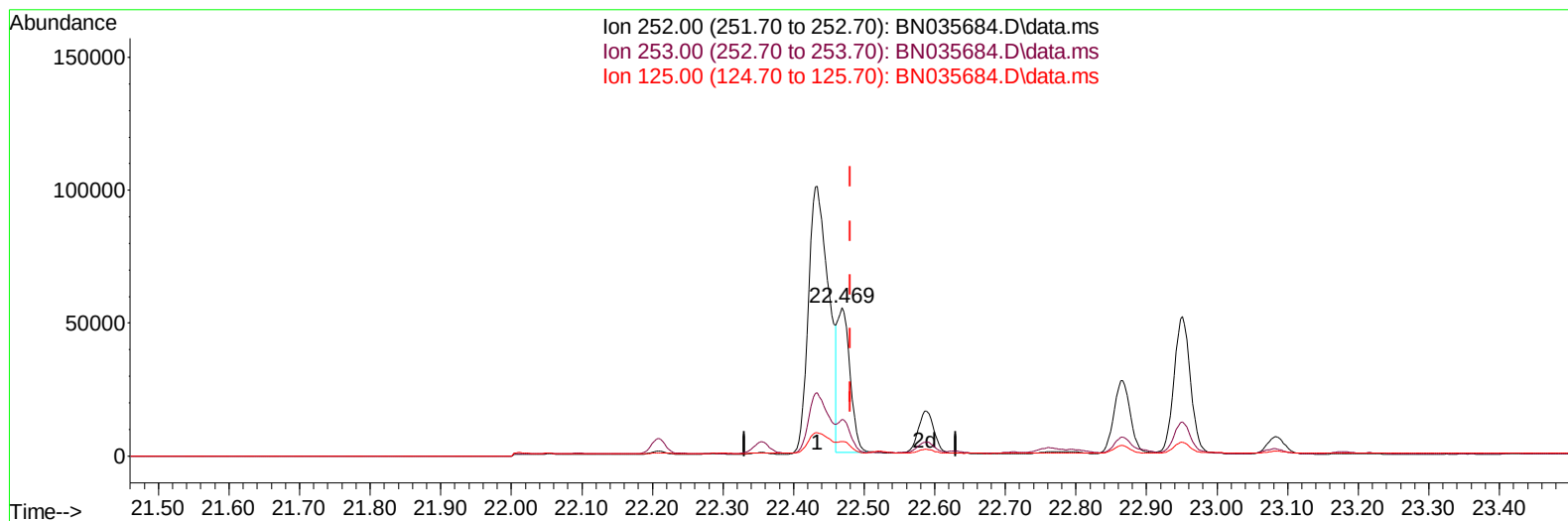
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Data File : BN035684.D
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Operator : RC/JU
Sample : P5258-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/24/2024



TIC: BN035684.D\data.ms

(25) Benzo(k)fluoranthene

22.469min (-0.012) 2.14 ng/ul m

response 65546

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	24.48
125.00	19.10	9.72#
0.00	0.00	0.00

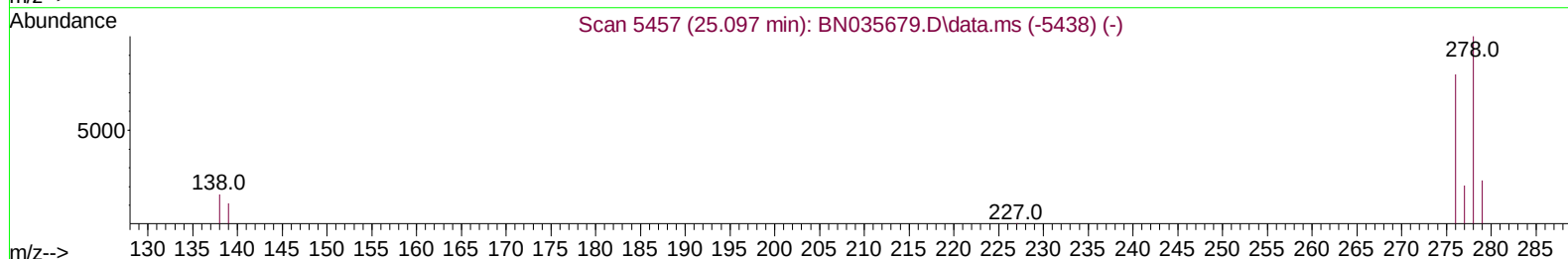
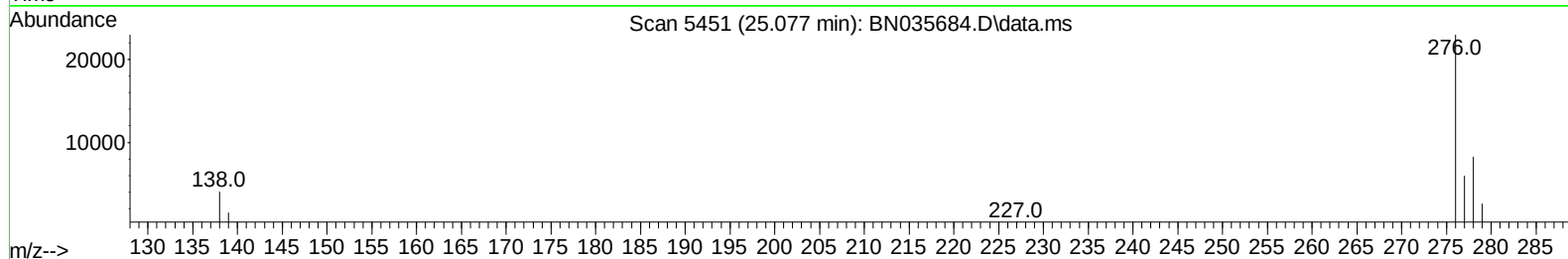
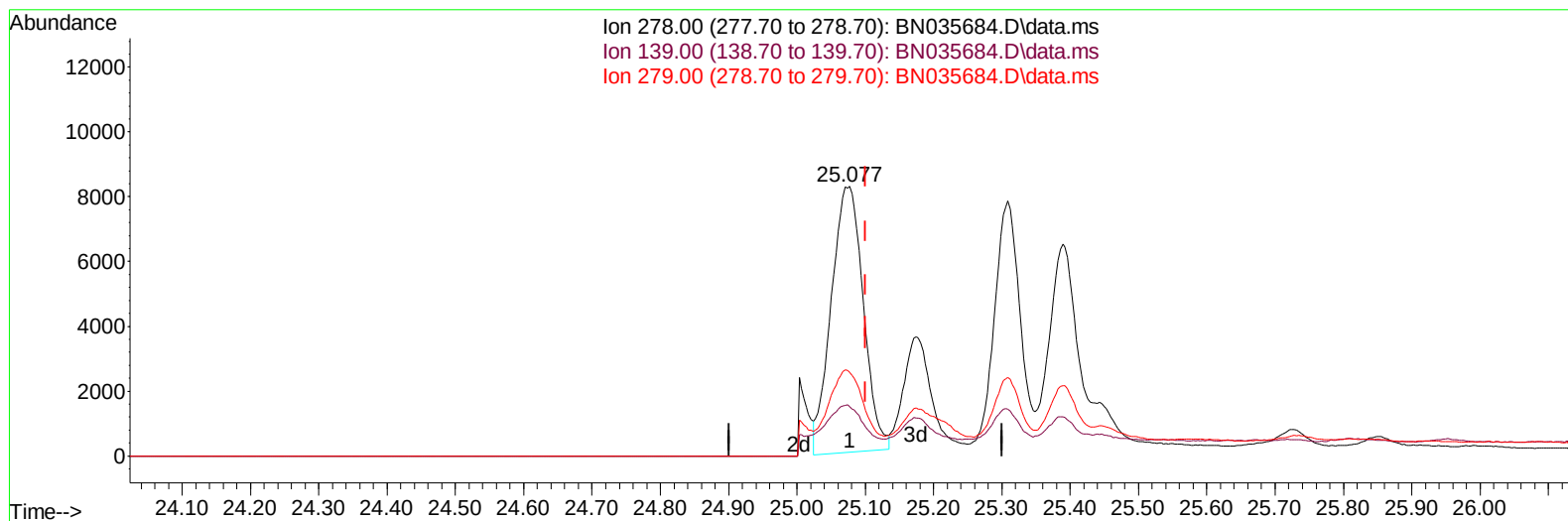
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 Data File : BN035684.D
 Acq On : 19 Dec 2024 00:06
 Operator : RC/JU
 Sample : P5258-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X2

Manual IntegrationsAPPROVED

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TIC: BN035684.D\data.ms

(28) Dibenzo(a,h)anthracene

25.077min (-0.024) 1.07 ng/u1

response 26812

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	18.30#
279.00	30.00	31.12
0.00	0.00	0.00

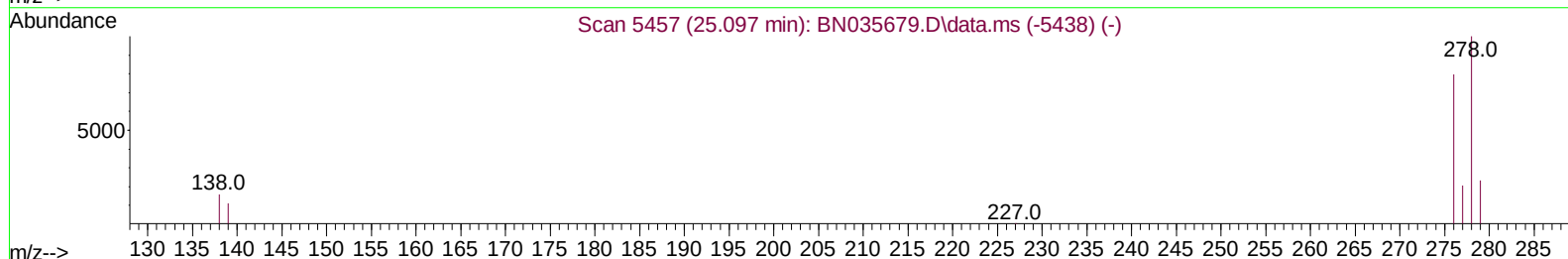
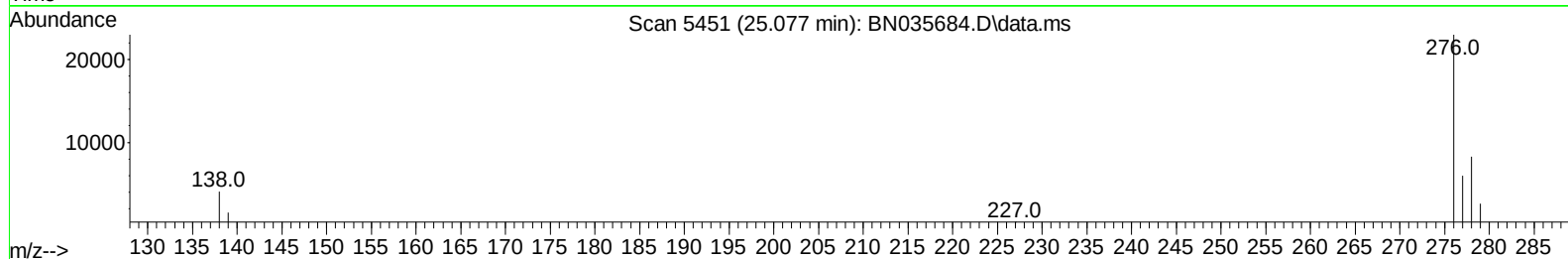
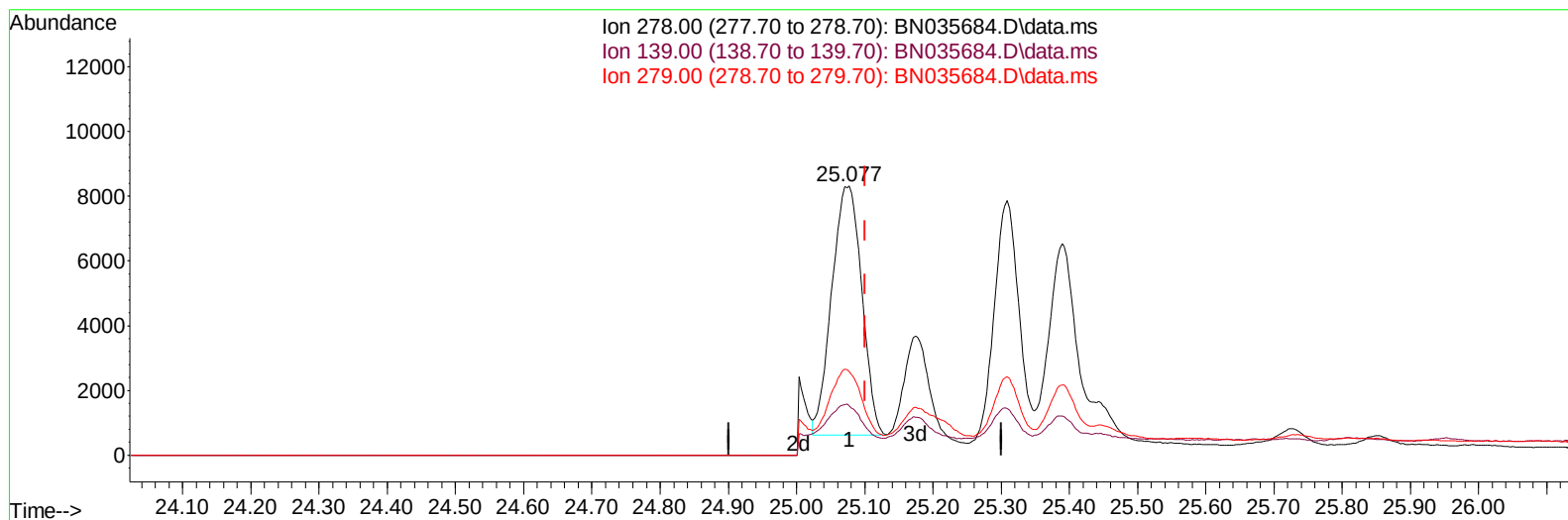
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035684.D
Acq On : 19 Dec 2024 00:06
Operator : RC/JU
Sample : P5258-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:00:42 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
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TIC: BN035684.D\data.ms

(28) Dibenzo(a,h)anthracene

25.077min (-0.024) 0.94 ng/ul m

response 23562

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	18.30#
279.00	30.00	31.12
0.00	0.00	0.00

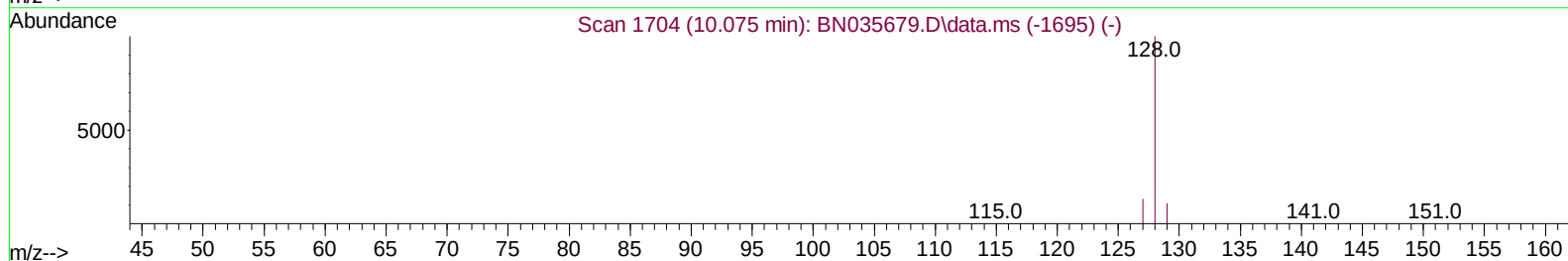
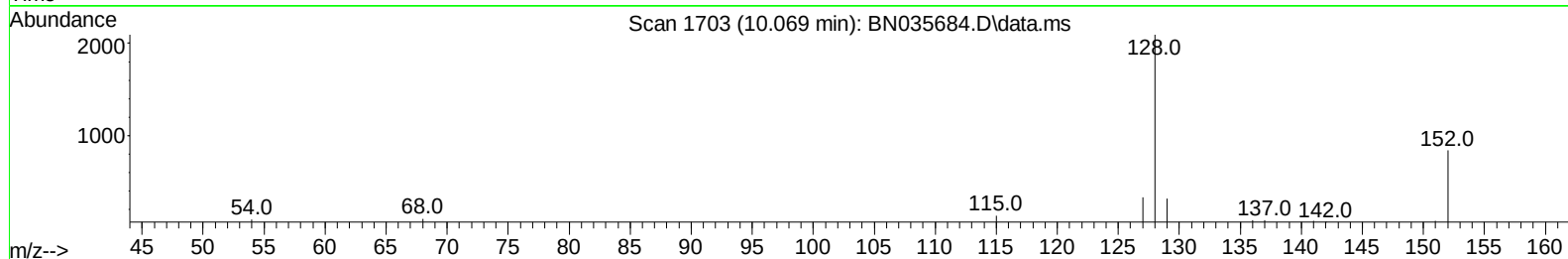
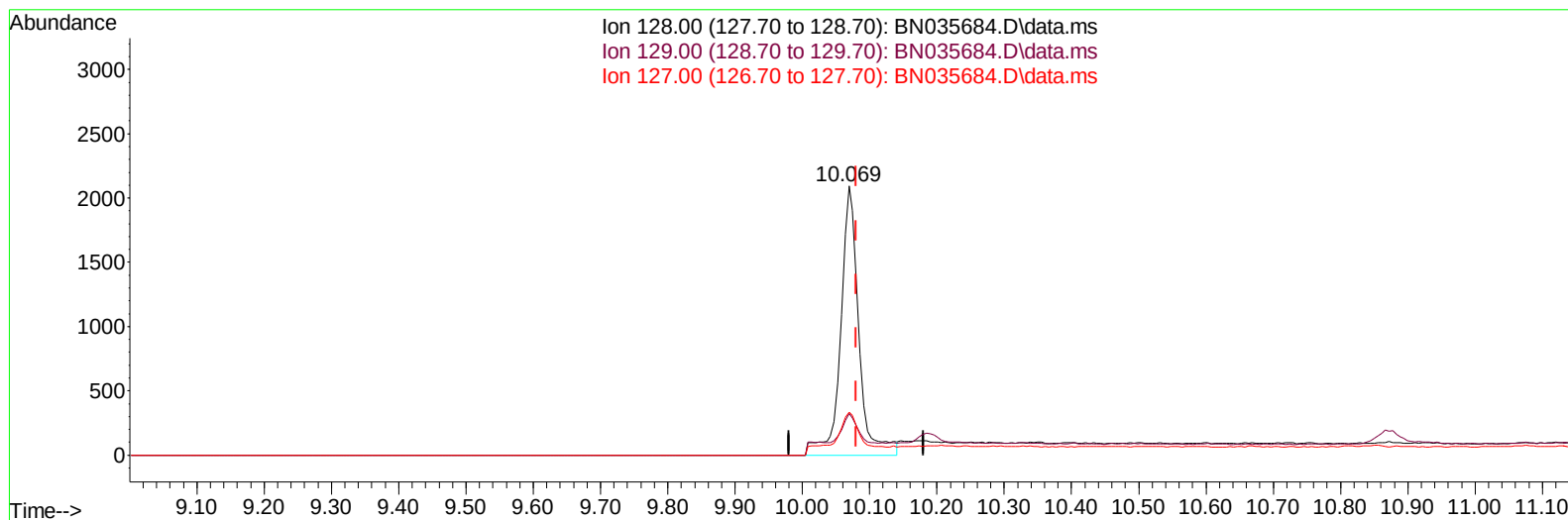
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Operator : RC/JU
Sample : P5258-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2

Manual IntegrationsAPPROVED

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TIC: BN035684.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.19 ng/u1

response 3884

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	15.39
127.00	15.00	15.97
0.00	0.00	0.00

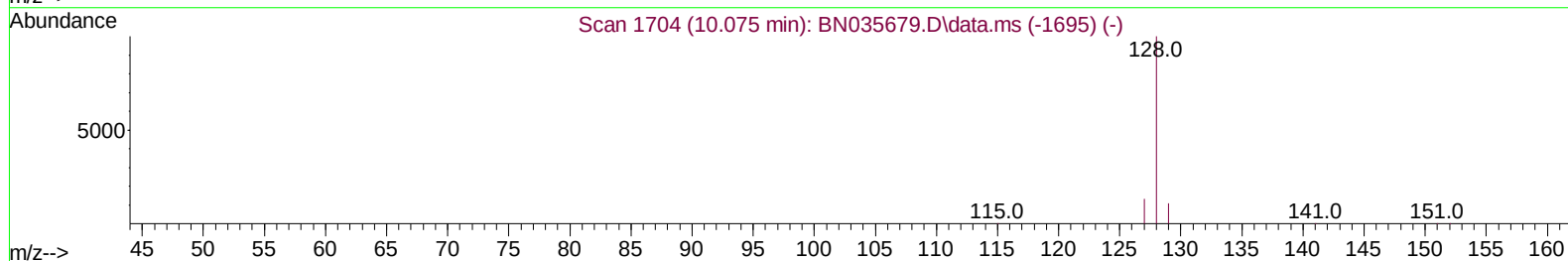
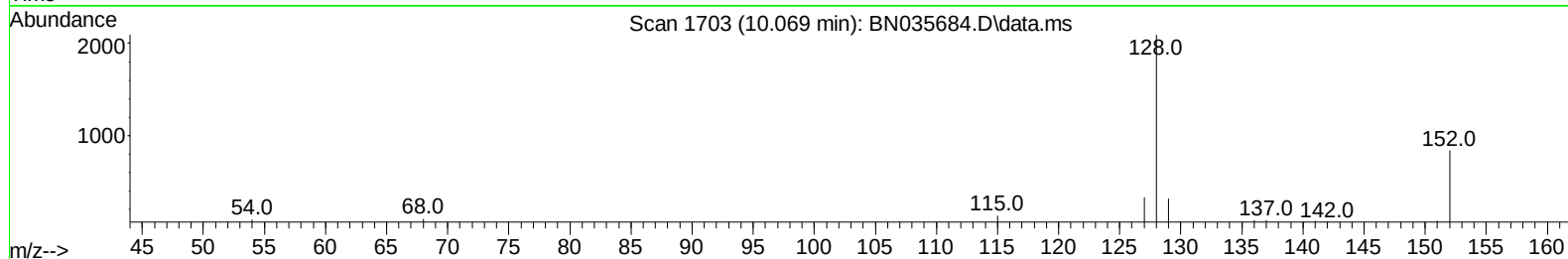
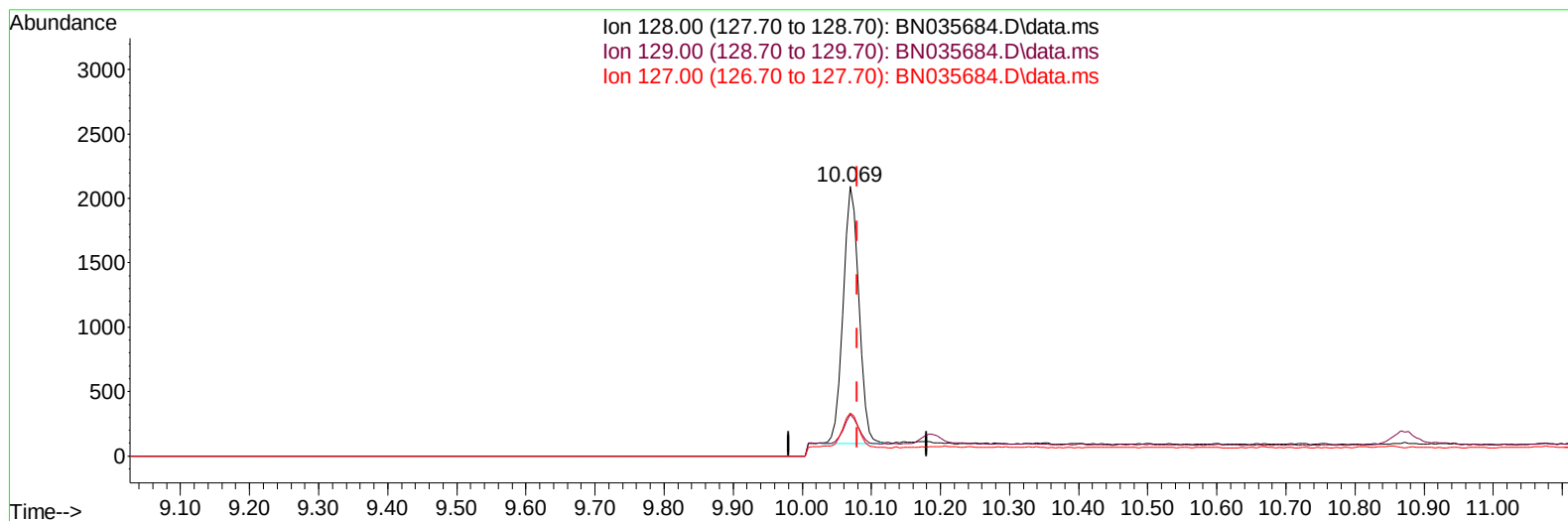
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035684.D
Acq On : 19 Dec 2024 00:06
Operator : RC/JU
Sample : P5258-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2

Manual IntegrationsAPPROVED

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

Quant Time: Dec 19 02:00:42 2024
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Response via : Initial Calibration



TIC: BN035684.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.16 ng/ul m

response 3142

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	15.39
127.00	15.00	15.97
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035684.D
 Acq On : 19 Dec 2024 00:06
 Operator : RC/JU
 Sample : P5258-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X2

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	7.280	152	2974	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8126	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.939	164	5573	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	11287	0.400	ng/ul	0.00
17) Chrysene-d12	20.955	240	9656	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	9402	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	12680	4.809	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2920	0.252	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	5024	0.178	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.069	128	3142m	0.158	ng/ul	
7) 2-Methylnaphthalene	11.703	142	2303	0.172	ng/ul	98
8) 1-Methylnaphthalene	11.928	142	1800	0.129	ng/ul	100
10) Acenaphthylene	13.652	152	6062	0.281	ng/ul	99
11) Acenaphthene	14.004	153	6461	0.396	ng/ul	99
12) Fluorene	15.003	166	6721	0.354	ng/ul	99
15) Phenanthrene	16.751	178	150770	5.337	ng/ul	98
16) Anthracene	16.839	178	34993	1.325	ng/ul	99
19) Fluoranthene	18.791	202	348319	10.086	ng/ul	100
20) Pyrene	19.158	202	250148	6.575	ng/ul	99
21) Benzo(a)anthracene	20.941	228	161112	5.030	ng/ul	100
22) Chrysene	20.993	228	151860	4.570	ng/ul	97
24) Benzo(b)fluoranthene	22.434	252	204364m	7.376	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	65546m	2.139	ng/ul	
26) Benzo(a)pyrene	22.951	252	84417	3.146	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.067	276	73278	2.243	ng/ul#	77
28) Dibenzo(a,h)anthracene	25.077	278	23562m	0.945	ng/ul	
29) Benzo(g,h,i)perylene	25.681	276	10446	0.398	ng/ul	94

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

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