

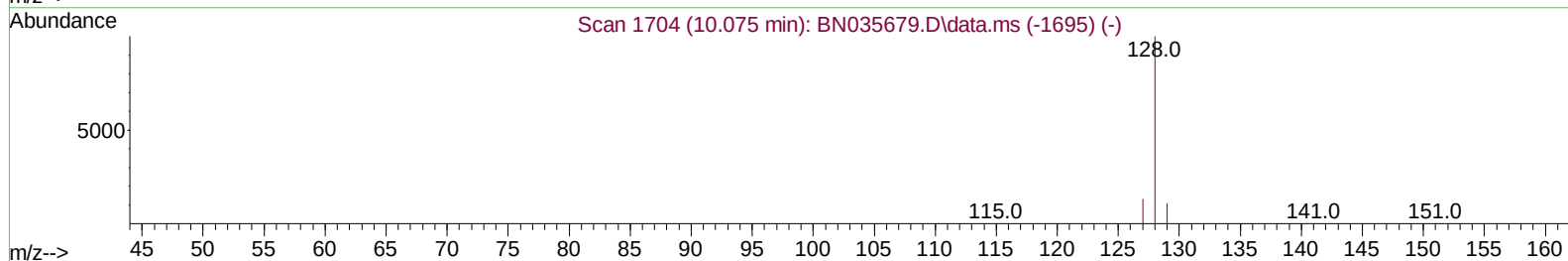
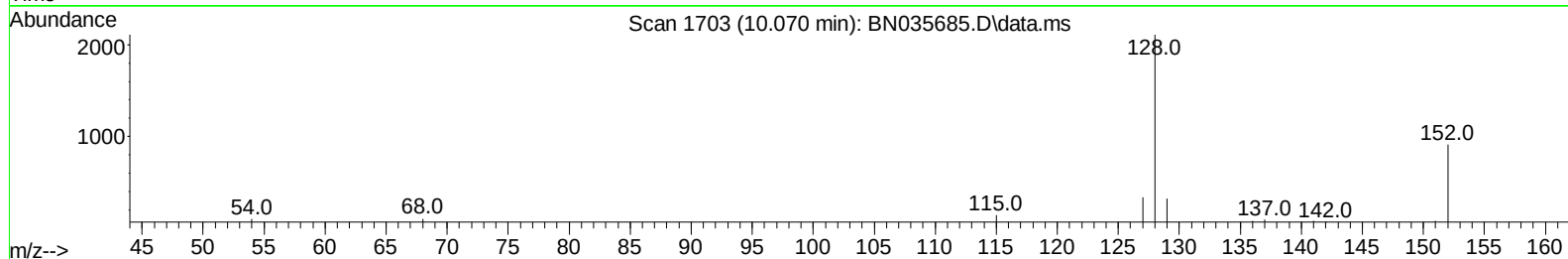
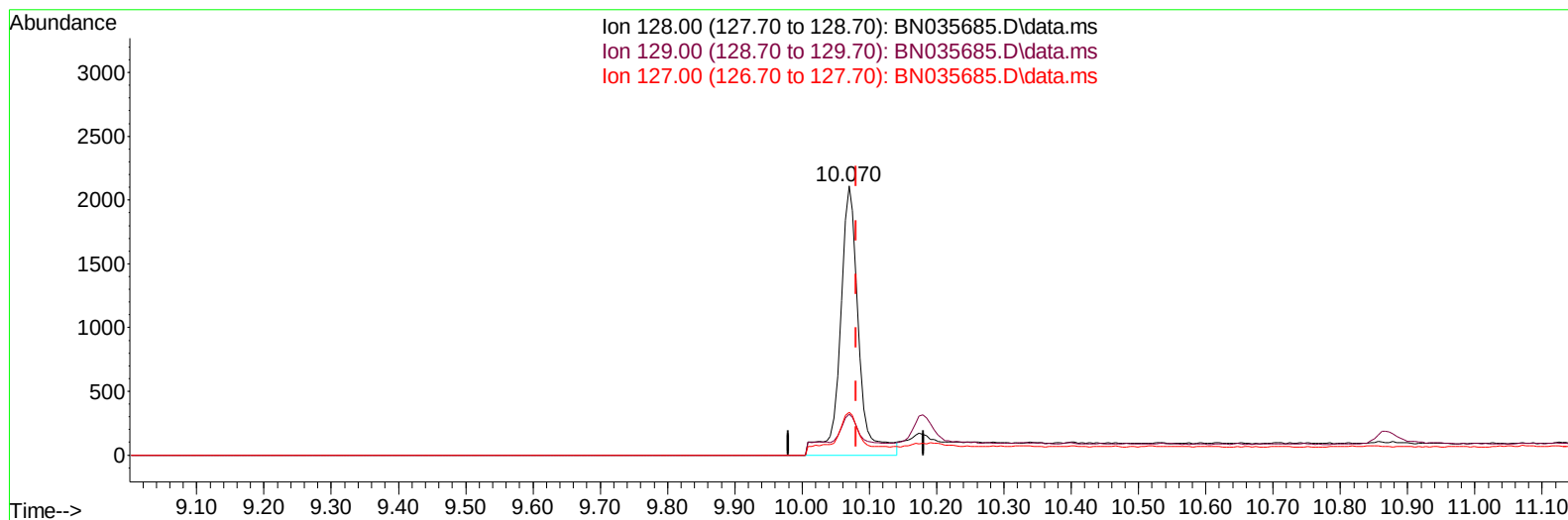
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035685.D
Acq On : 19 Dec 2024 00:42
Operator : RC/JU
Sample : P5258-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X3

Manual IntegrationsAPPROVED

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

Quant Time: Dec 19 03:01:14 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



TIC: BN035685.D\data.ms

(5) Naphthalene

10.070min (-0.011) 0.21 ng/u1

response 3980

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	15.17
127.00	15.00	16.03
0.00	0.00	0.00

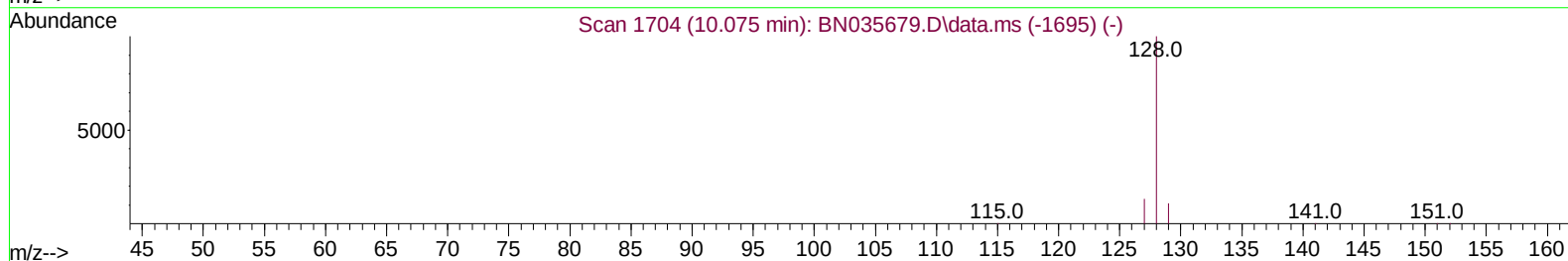
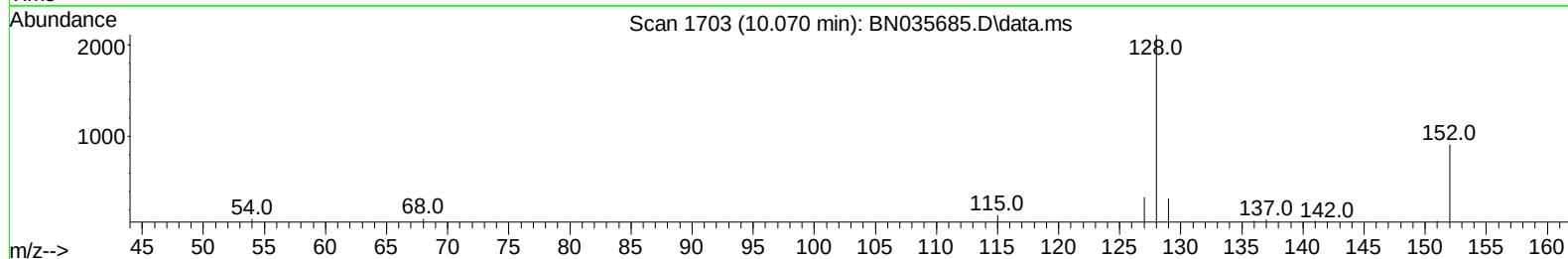
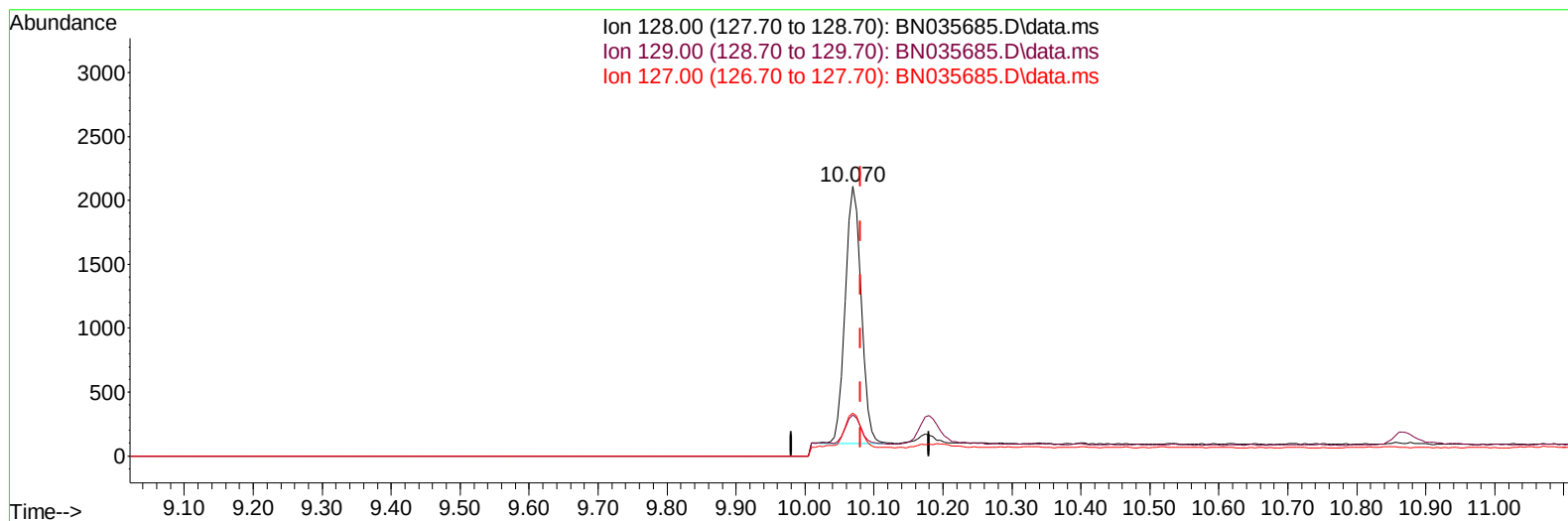
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TIC: BN035685.D\data.ms

(5) Naphthalene

10.070min (-0.011) 0.17 ng/ul m

response 3241

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	15.17
127.00	15.00	16.03
0.00	0.00	0.00

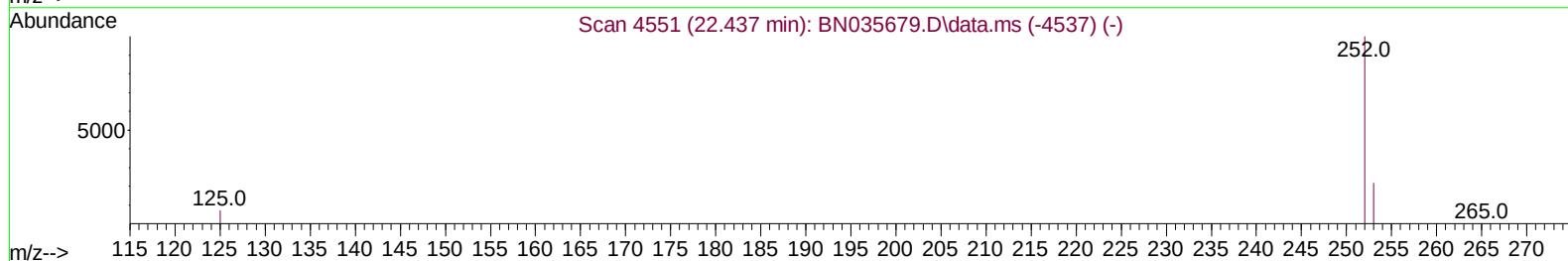
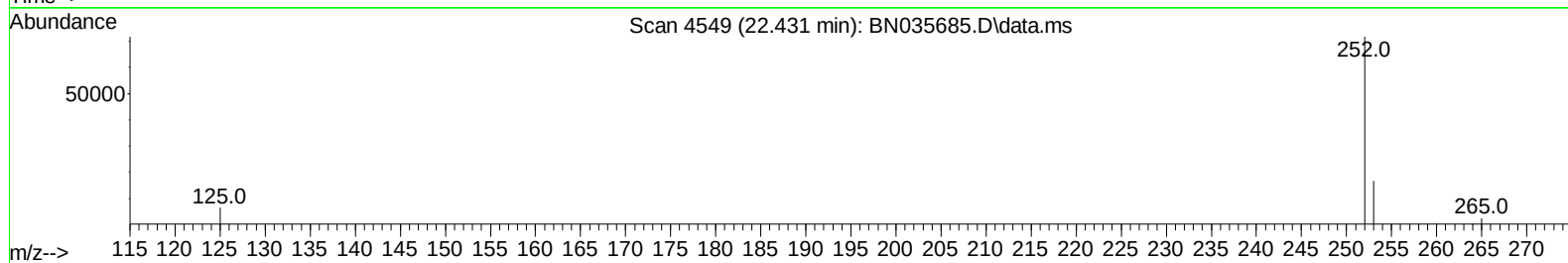
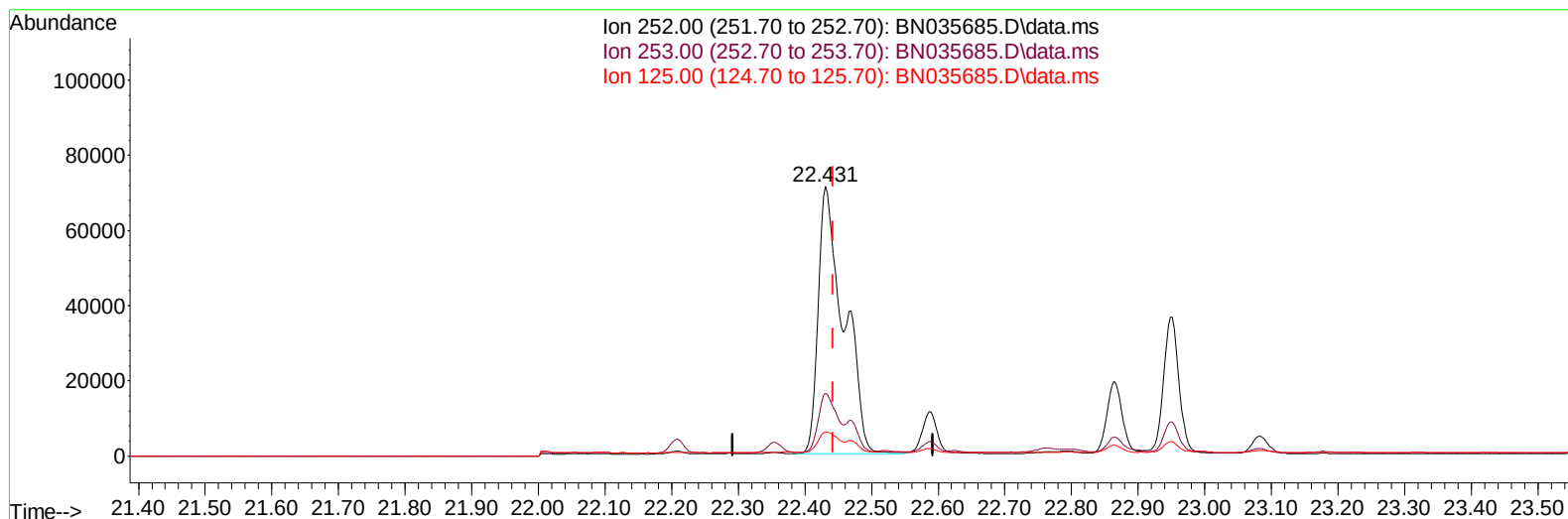
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Instrument :
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TIC: BN035685.D\data.ms

(24) Benzo(b)fluoranthene

22.431min (-0.011) 5.17 ng/u1

response 190810

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	23.32
125.00	18.80	8.93
0.00	0.00	0.00

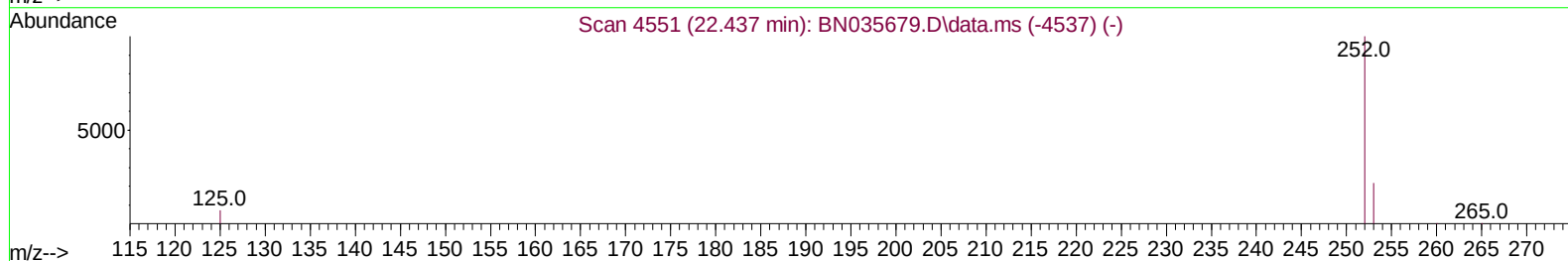
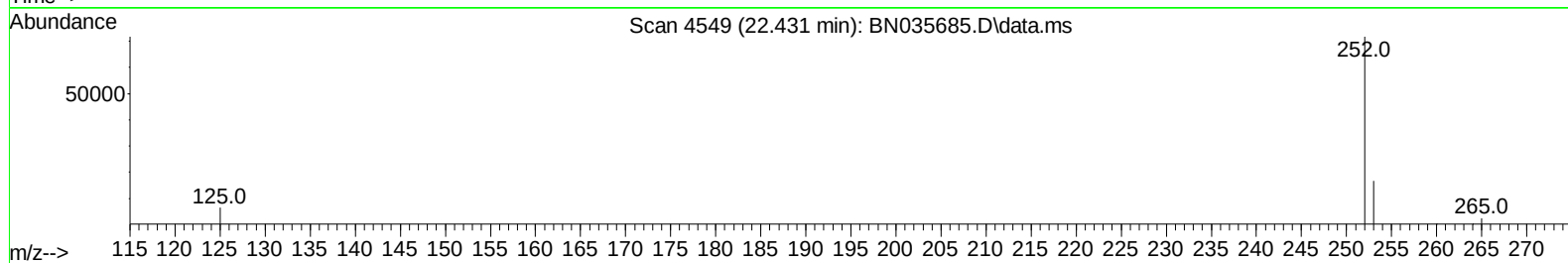
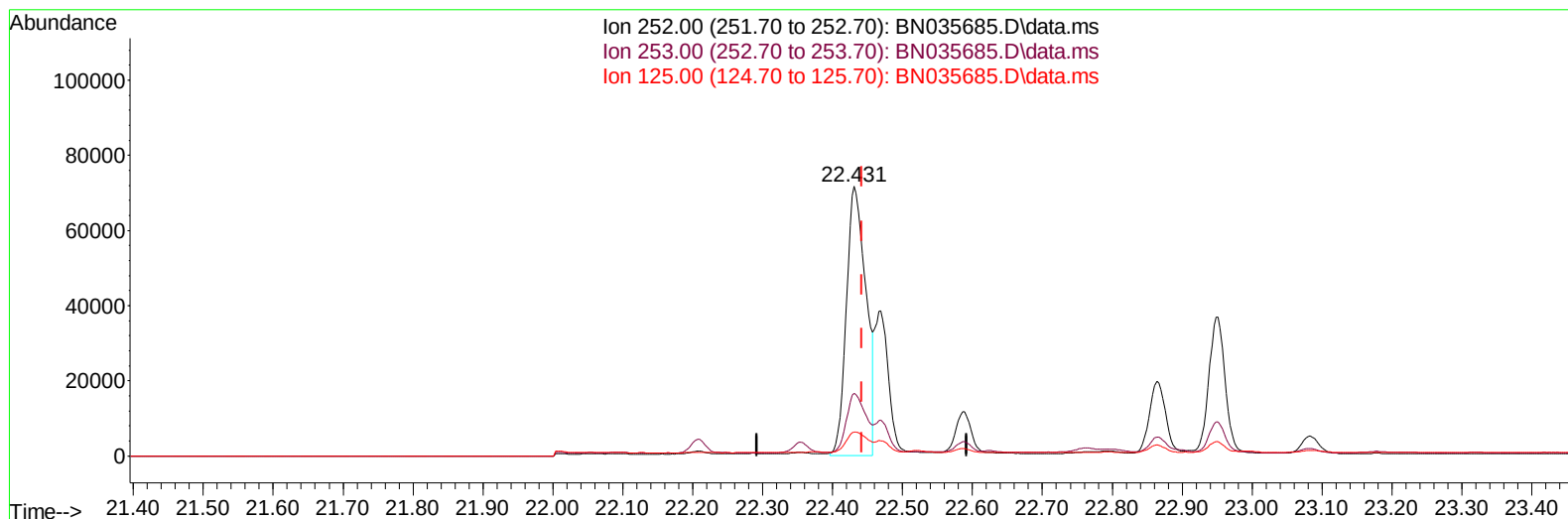
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Data File : BN035685.D
Acq On : 19 Dec 2024 00:42
Operator : RC/JU
Sample : P5258-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X3

Manual IntegrationsAPPROVED

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TIC: BN035685.D\data.ms

(24) Benzo(b)fluoranthene

22.431min (-0.011) 3.79 ng/ul m

response 139861

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	23.32
125.00	18.80	8.93
0.00	0.00	0.00

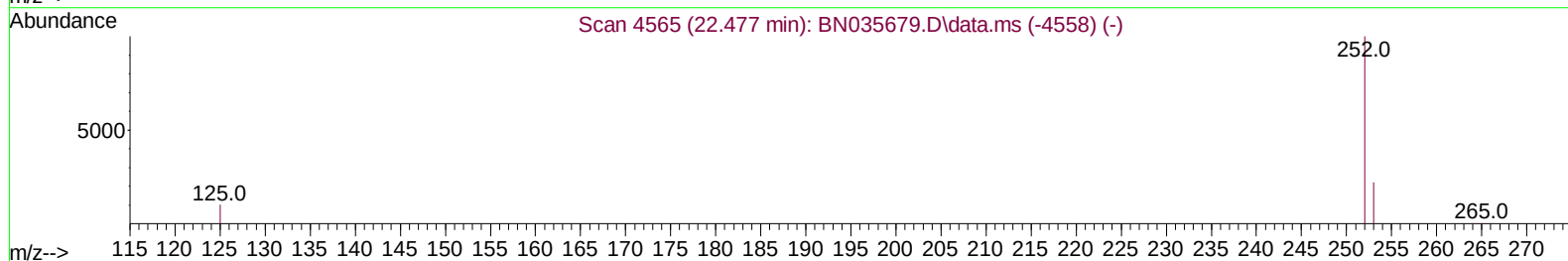
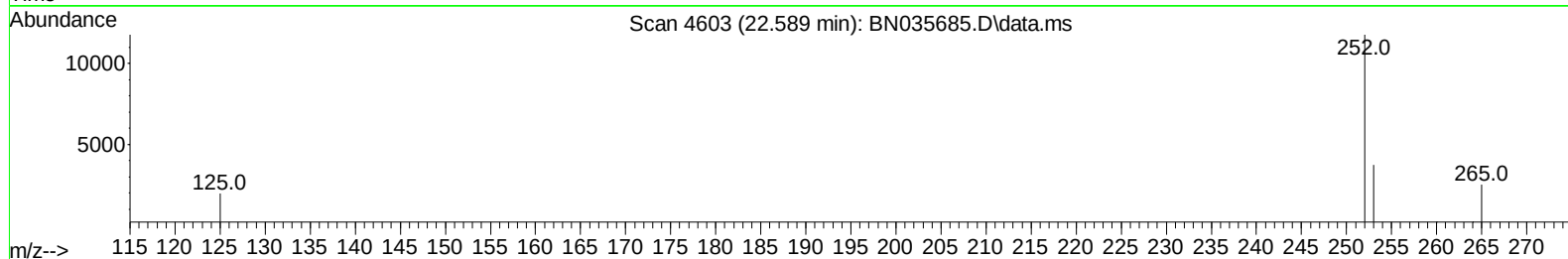
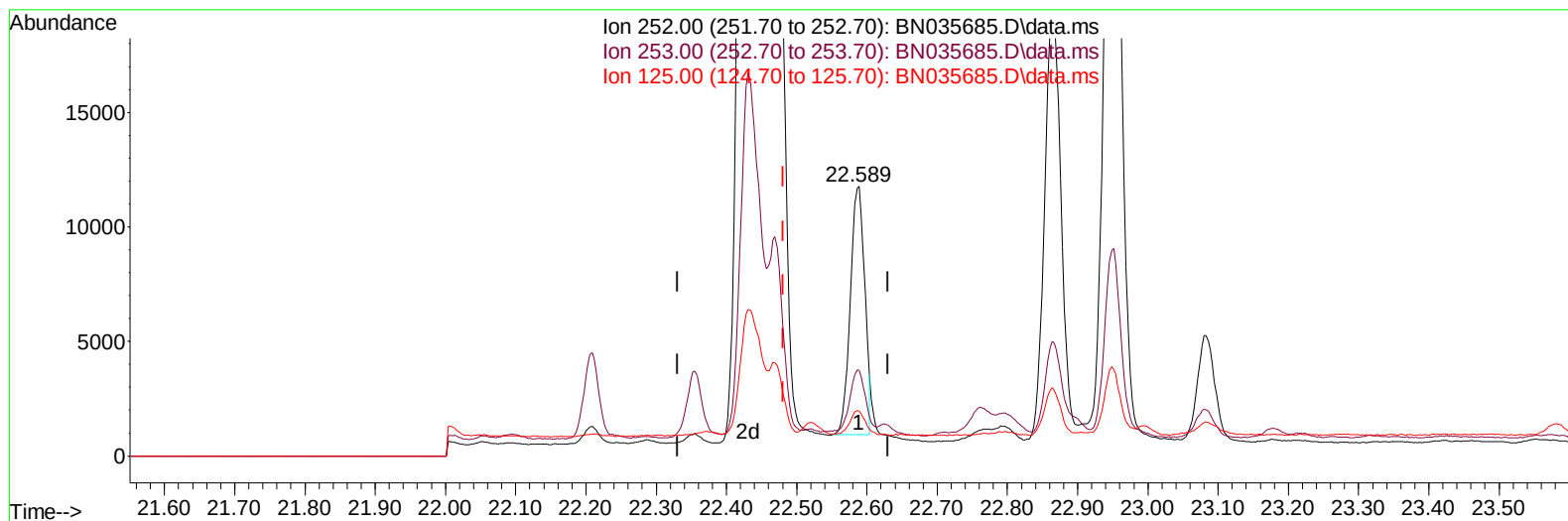
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Data File : BN035685.D
Acq On : 19 Dec 2024 00:42
Operator : RC/JU
Sample : P5258-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X3

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/24/2024



TIC: BN035685.D\data.ms

(25) Benzo(k)fluoranthene

22.589min (+ 0.108) 0.38 ng/u1

response 15447

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	31.84
125.00	19.10	16.70
0.00	0.00	0.00

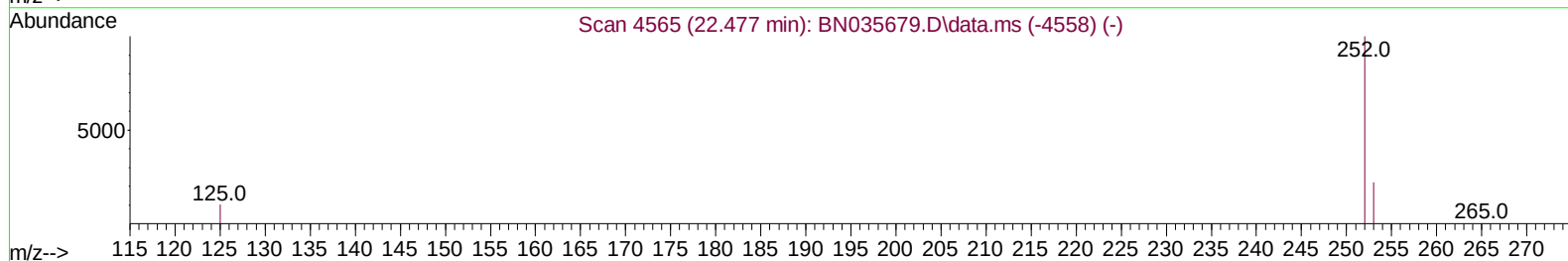
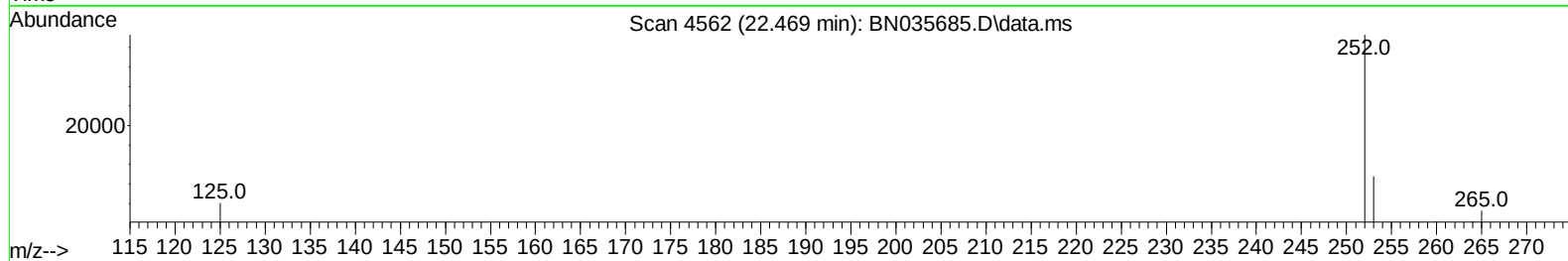
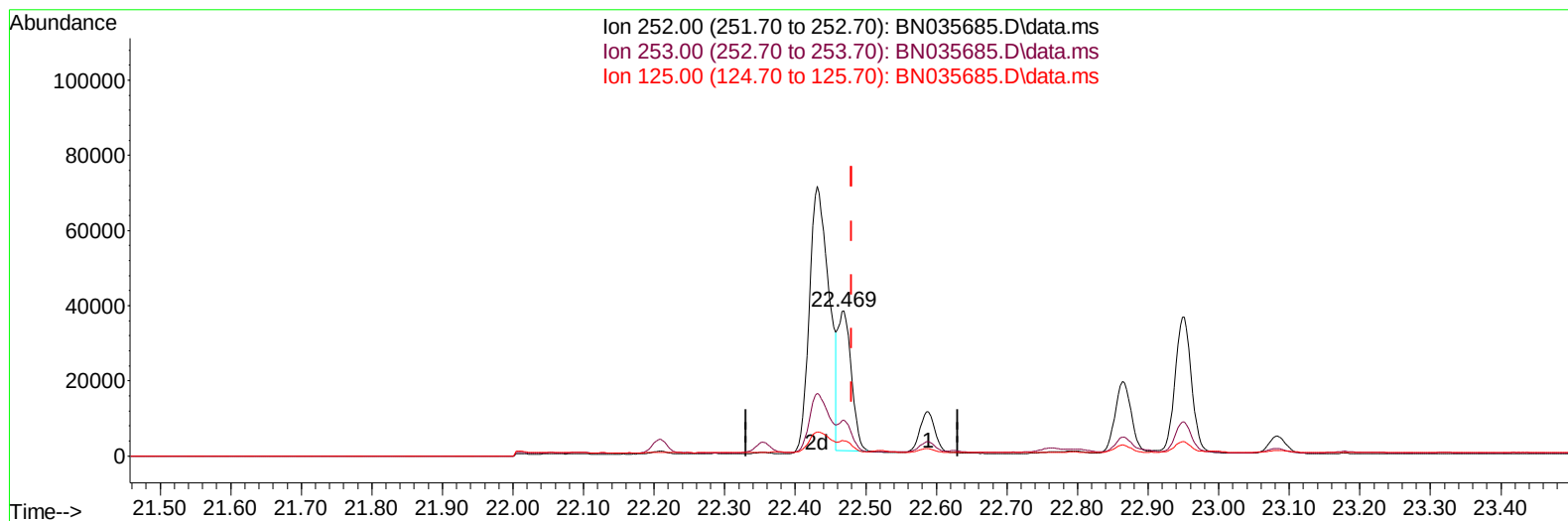
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035685.D
Acq On : 19 Dec 2024 00:42
Operator : RC/JU
Sample : P5258-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X3

Manual IntegrationsAPPROVED

Quant Time: Dec 19 03:01:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
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Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035685.D\data.ms

(25) Benzo(k)fluoranthene

22.469min (-0.011) 1.21 ng/ul m

response 49192

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	24.77
125.00	19.10	10.54#
0.00	0.00	0.00

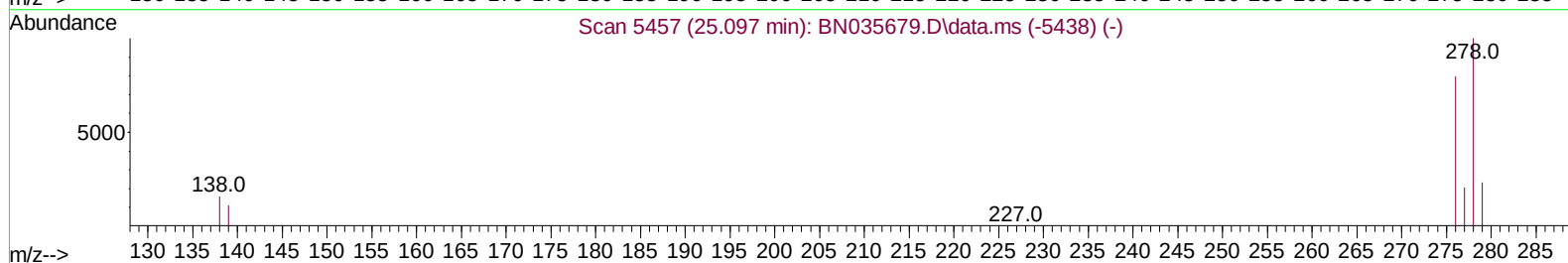
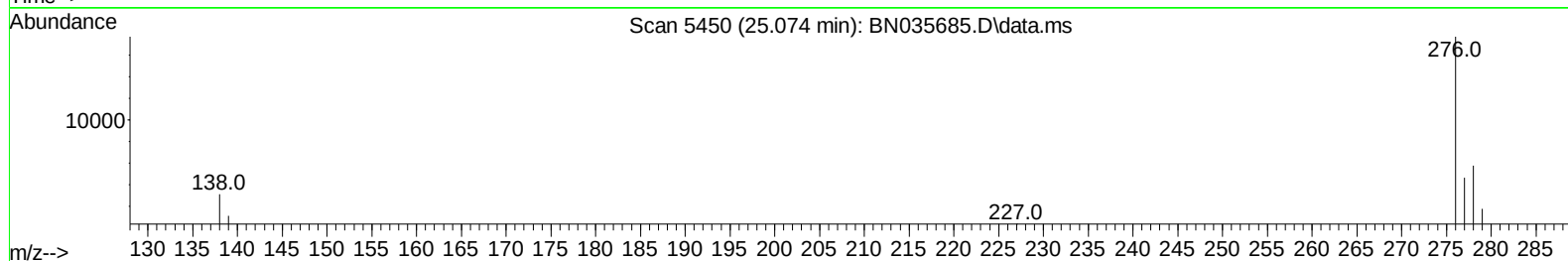
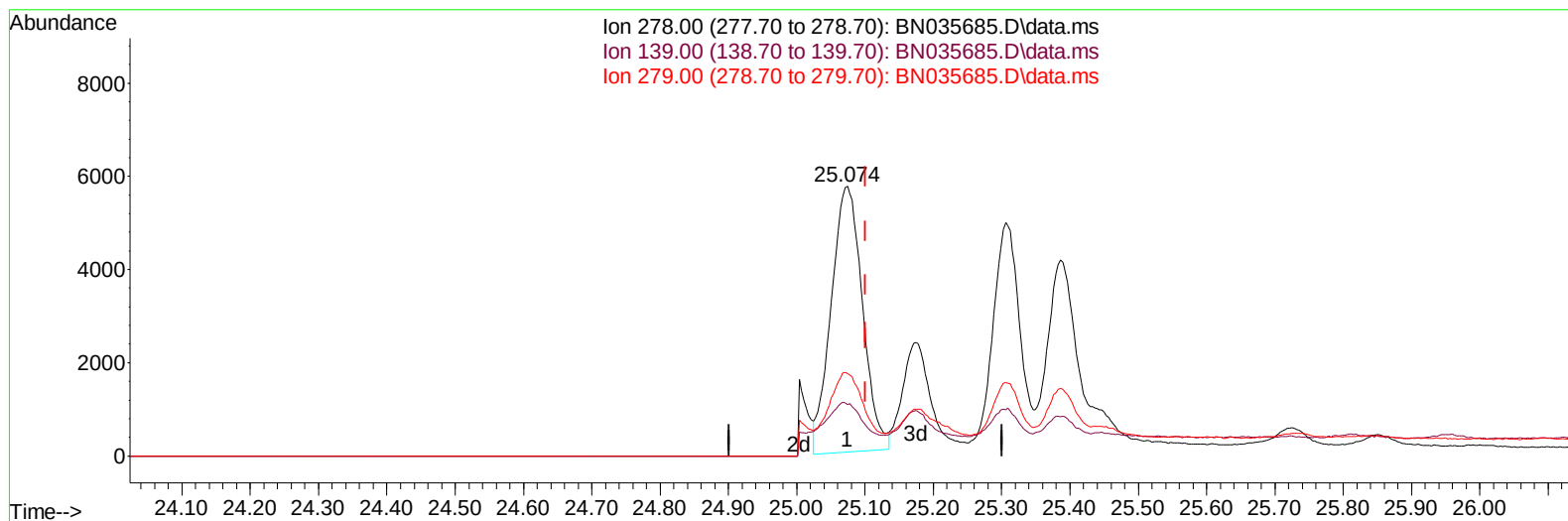
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Operator : RC/JU
Sample : P5258-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X3

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TIC: BN035685.D\data.ms

(28) Dibenzo(a,h)anthracene

25.074min (-0.027) 0.55 ng/u1

response 18230

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	19.06#
279.00	30.00	30.58
0.00	0.00	0.00

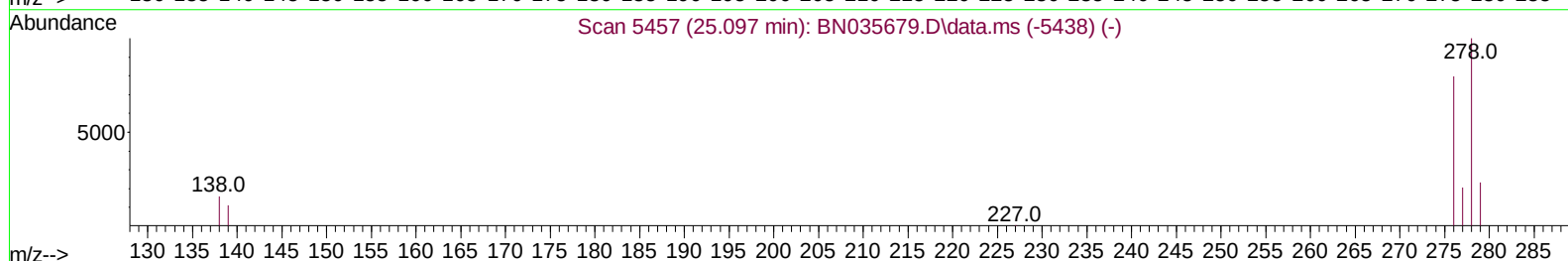
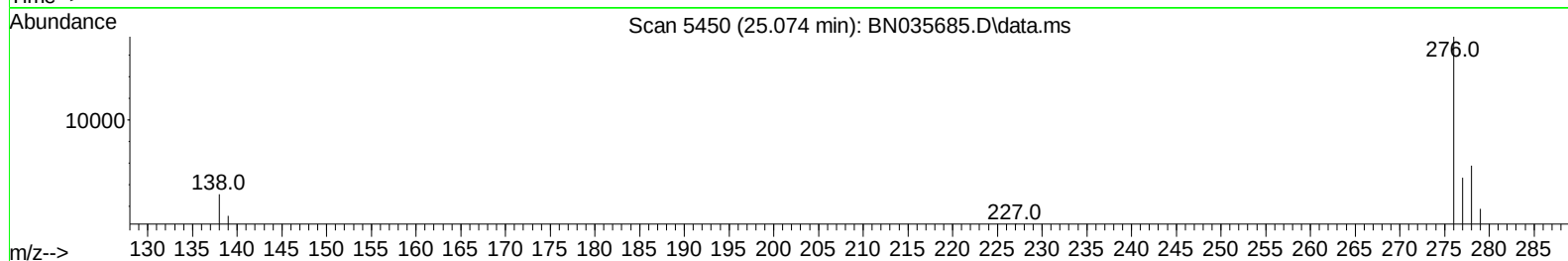
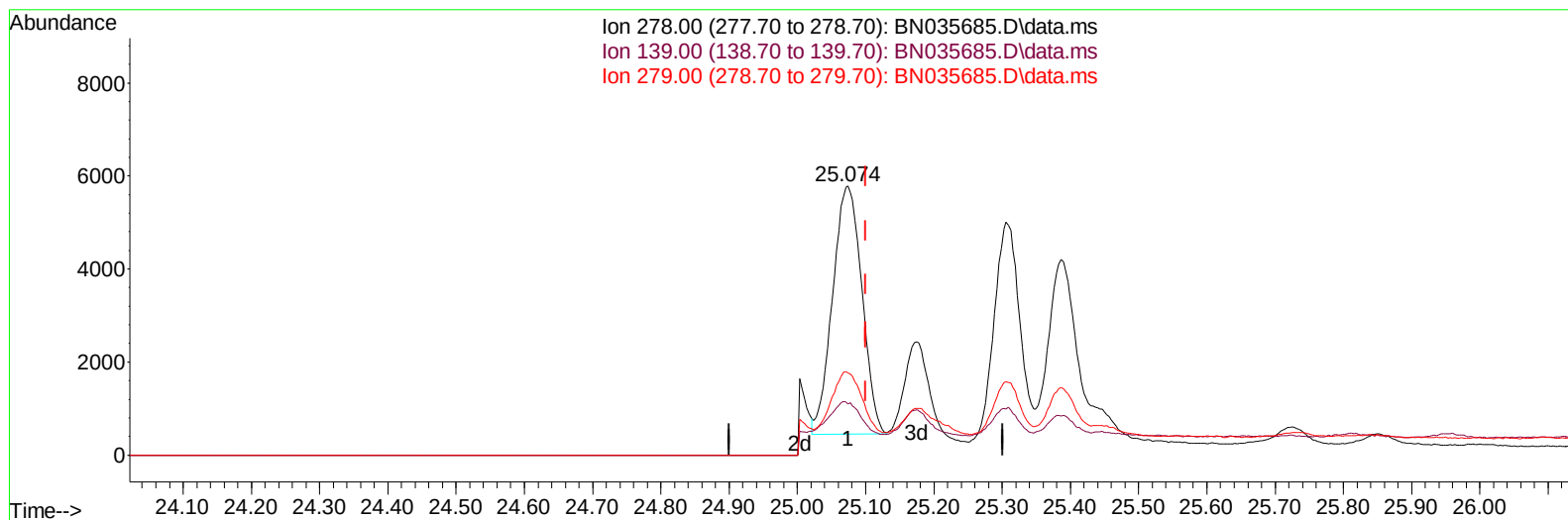
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035685.D
Acq On : 19 Dec 2024 00:42
Operator : RC/JU
Sample : P5258-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X3

Manual IntegrationsAPPROVED

Quant Time: Dec 19 03:01:14 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: BN035685.D\data.ms

(28) Dibenzo(a,h)anthracene

25.074min (-0.027) 0.48 ng/ul m

response 15885

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	19.06#
279.00	30.00	30.58
0.00	0.00	0.00

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 Acq On : 19 Dec 2024 00:42
 Operator : RC/JU
 Sample : P5258-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X3

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	2747	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	7774	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.940	164	5663	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	12167	0.400	ng/ul	0.00
17) Chrysene-d12	20.956	240	11098	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	12521	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	11238	4.614	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2863	0.259	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	6470	0.199	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.070	128	3241m	0.170	ng/ul	
7) 2-Methylnaphthalene	11.703	142	1570	0.122	ng/ul	98
8) 1-Methylnaphthalene	11.928	142	1194	0.090	ng/ul	100
10) Acenaphthylene	13.653	152	2110	0.096	ng/ul#	90
11) Acenaphthene	14.004	153	5971	0.360	ng/ul	99
12) Fluorene	15.008	166	5585	0.289	ng/ul	98
15) Phenanthrene	16.751	178	119423	3.922	ng/ul	98
16) Anthracene	16.840	178	25285	0.888	ng/ul	99
19) Fluoranthene	18.791	202	247819	6.244	ng/ul	99
20) Pyrene	19.158	202	176490	4.036	ng/ul	99
21) Benzo(a)anthracene	20.941	228	111953	3.041	ng/ul	99
22) Chrysene	20.991	228	105971	2.775	ng/ul	98
24) Benzo(b)fluoranthene	22.431	252	139861m	3.790	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	49192m	1.205	ng/ul	
26) Benzo(a)pyrene	22.948	252	59022	1.652	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.064	276	49060	1.128	ng/ul#	63
28) Dibenzo(a,h)anthracene	25.074	278	15885m	0.478	ng/ul	
29) Benzo(g,h,i)perylene	25.681	276	7452	0.213	ng/ul	92

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

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