

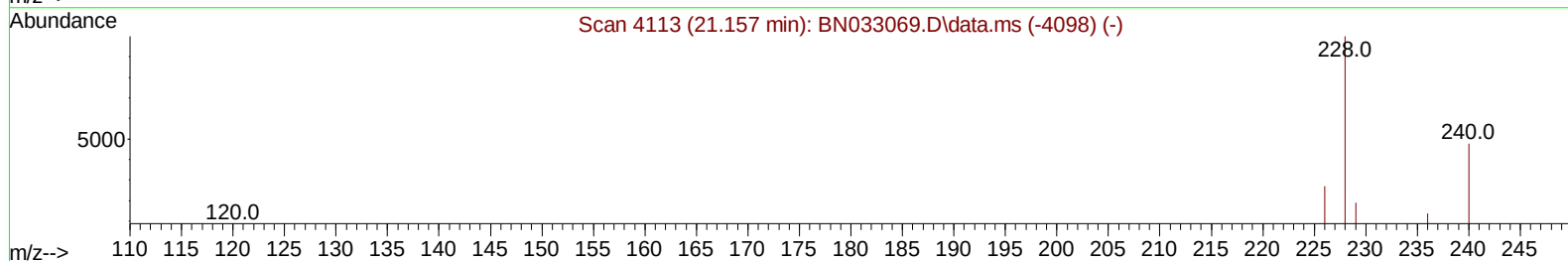
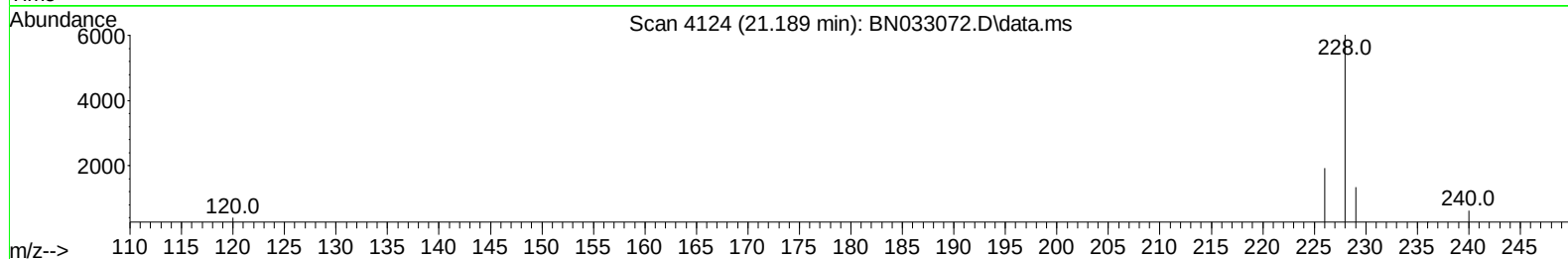
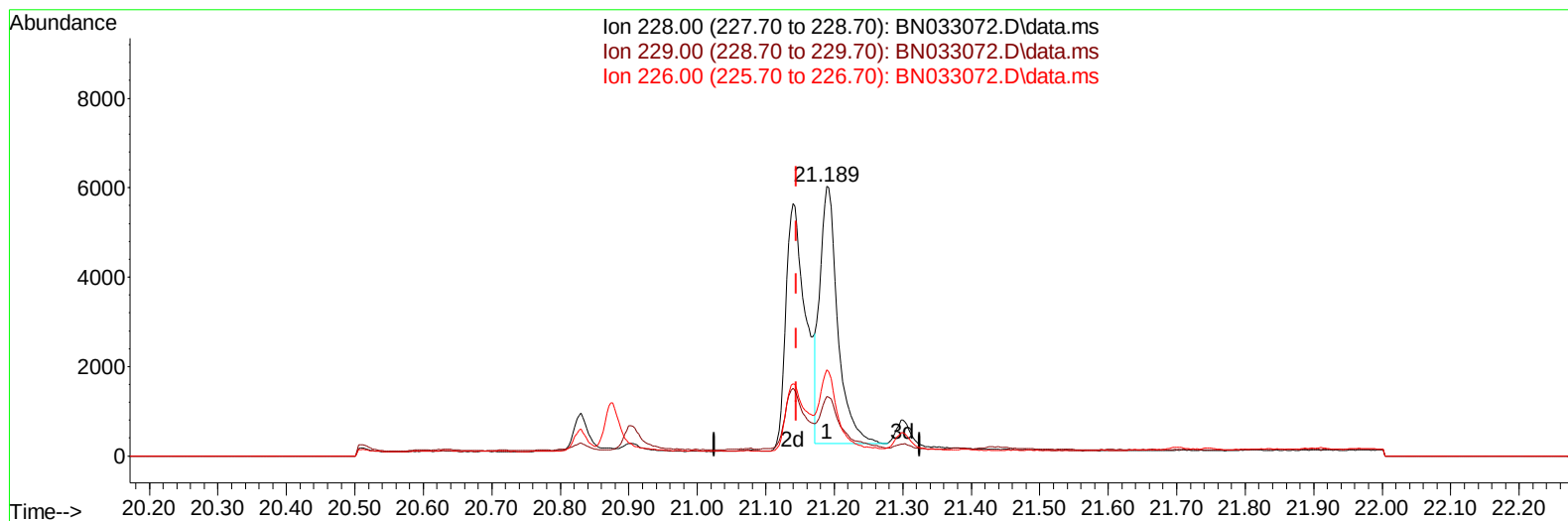
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033072.D
Acq On : 29 Jul 2024 17:49
Operator : MA/JU
Sample : P3264-20DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN0DL

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033072.D\data.ms

(21) Benzo(a)anthracene

21.189min (+ 0.044) 0.31 ng/u1

response 10363

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.40	22.08
226.00	28.00	31.92
0.00	0.00	0.00

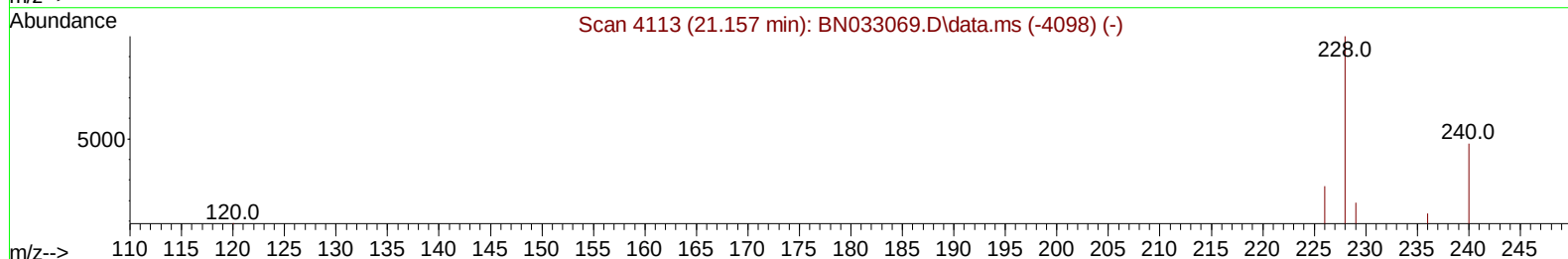
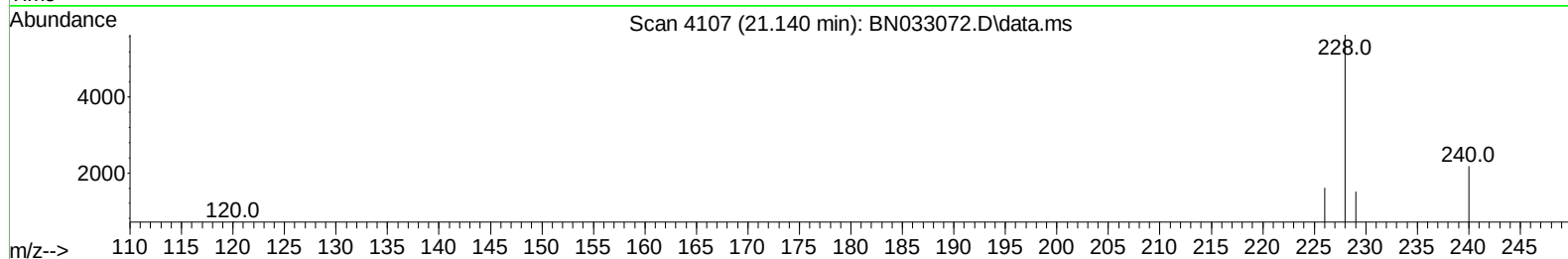
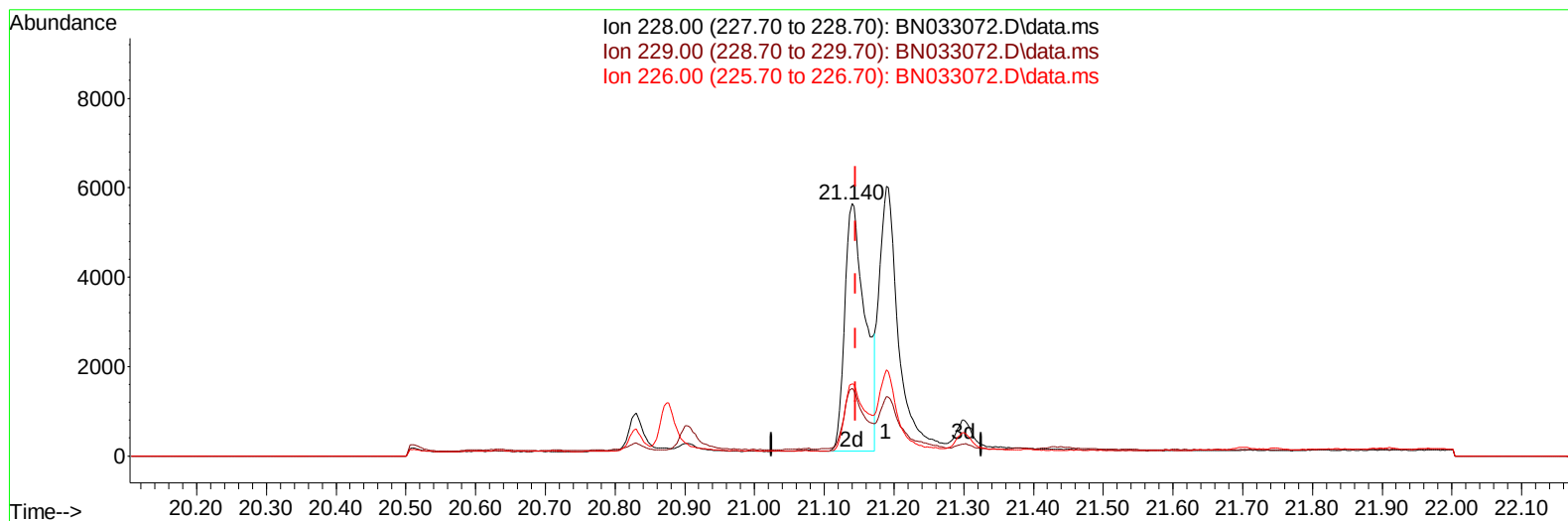
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033072.D
Acq On : 29 Jul 2024 17:49
Operator : MA/JU
Sample : P3264-20DL 5X
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN033072.D\data.ms

(21) Benzo(a)anthracene

21.140min (-0.006) 0.34 ng/ul m

response 11212

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.40	26.86#
226.00	28.00	28.51
0.00	0.00	0.00

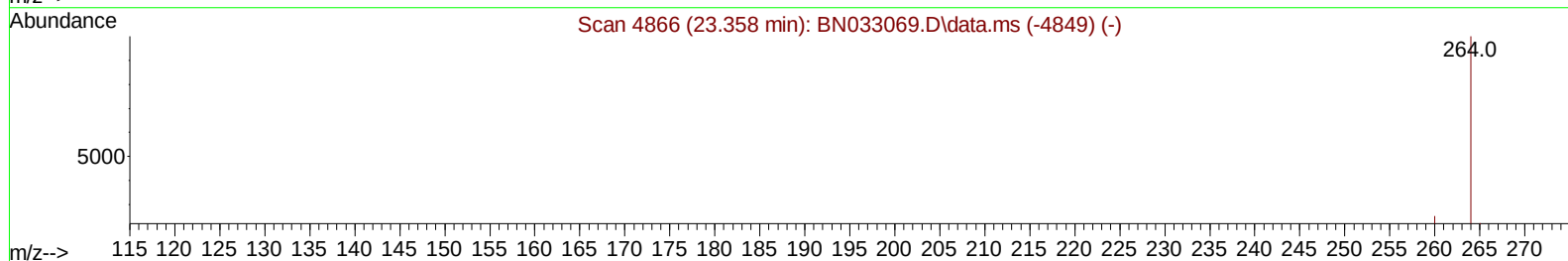
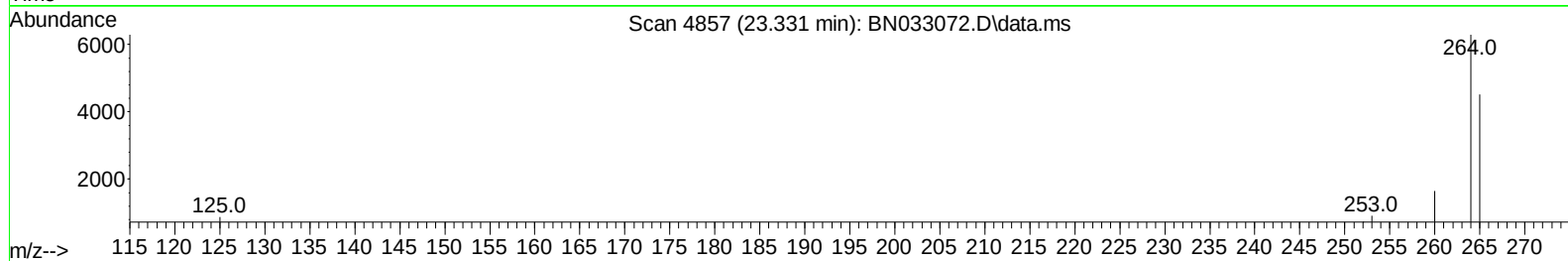
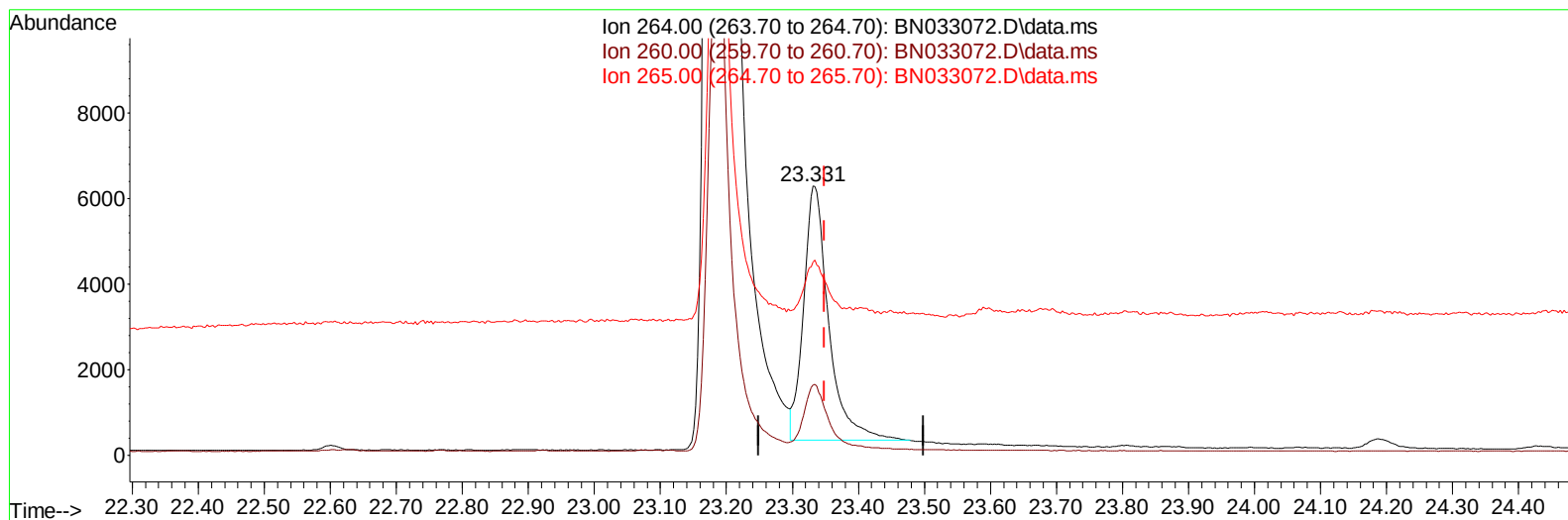
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TIC: BN033072.D\data.ms

(23) Perylene-d12 (I)

23.331min (-0.017) 0.40 ng/u1

response 15745

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.10
265.00	80.60	71.73
0.00	0.00	0.00

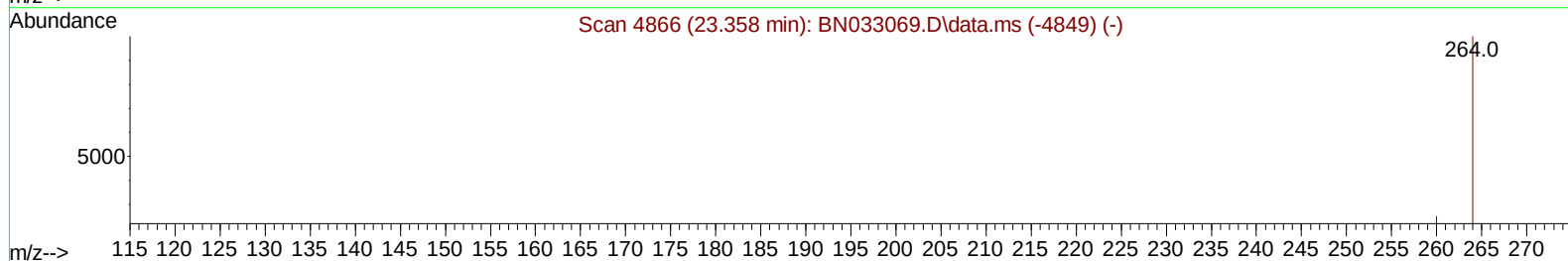
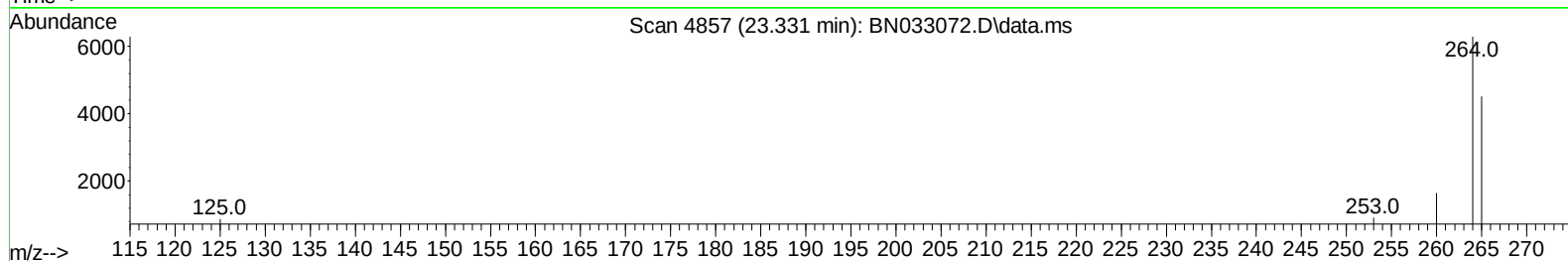
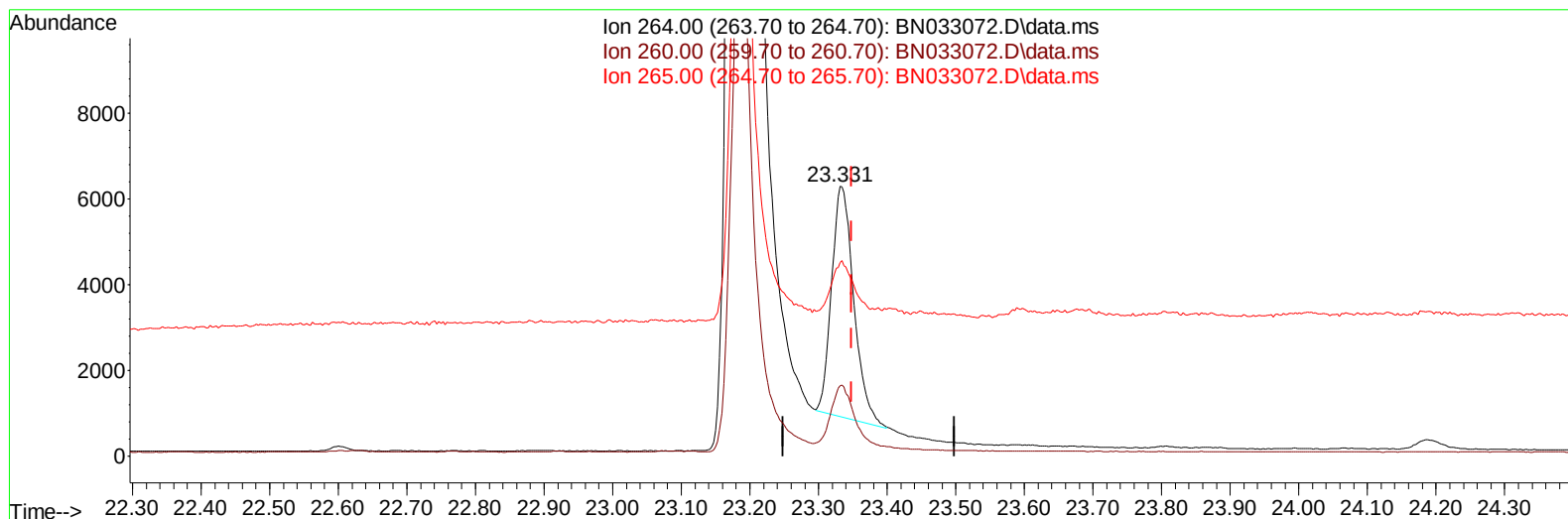
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Data File : BN033072.D
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Operator : MA/JU
Sample : P3264-20DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN0DL

Manual IntegrationsAPPROVED

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TIC: BN033072.D\data.ms

(23) Perylene-d12 (I)

23.331min (-0.017) 0.40 ng/ul m

response 12092

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.10
265.00	80.60	71.73
0.00	0.00	0.00

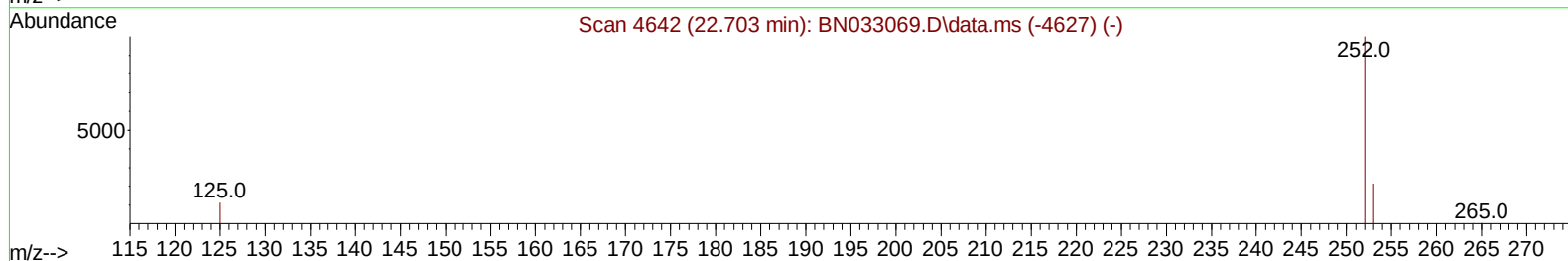
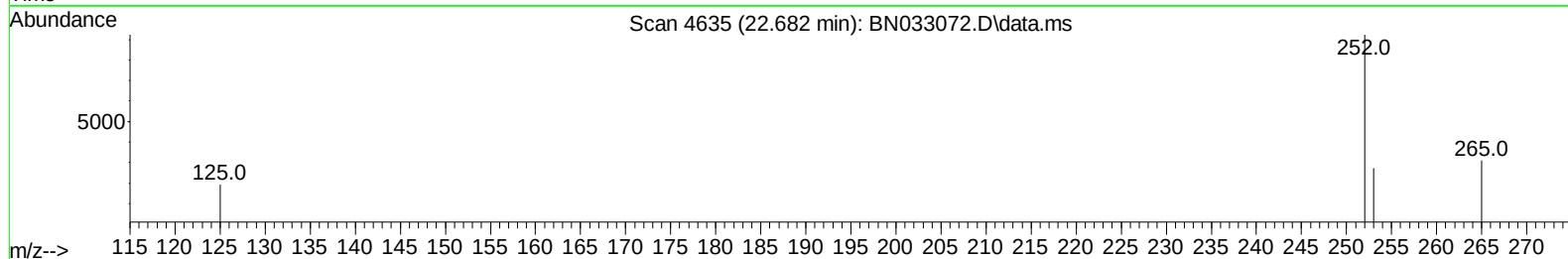
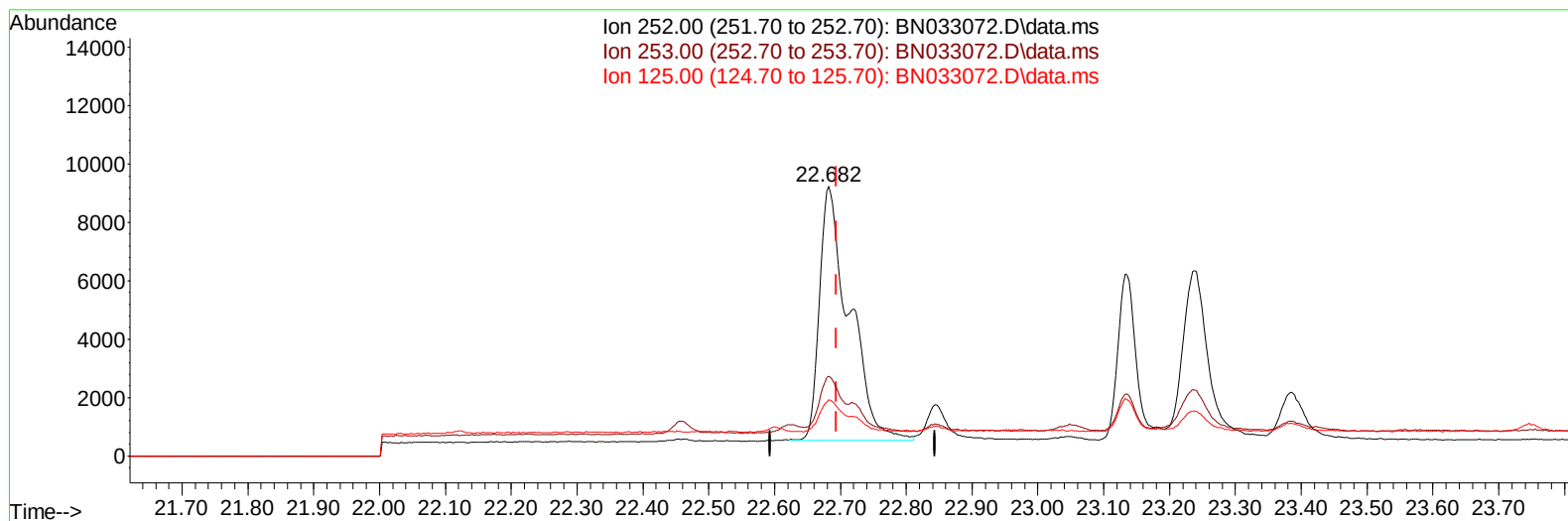
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033072.D
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Operator : MA/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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TIC: BN033072.D\data.ms

(24) Benzo(b)fluoranthene

22.682min (-0.012) 0.77 ng/u1

response 27260

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	29.69
125.00	25.50	20.96
0.00	0.00	0.00

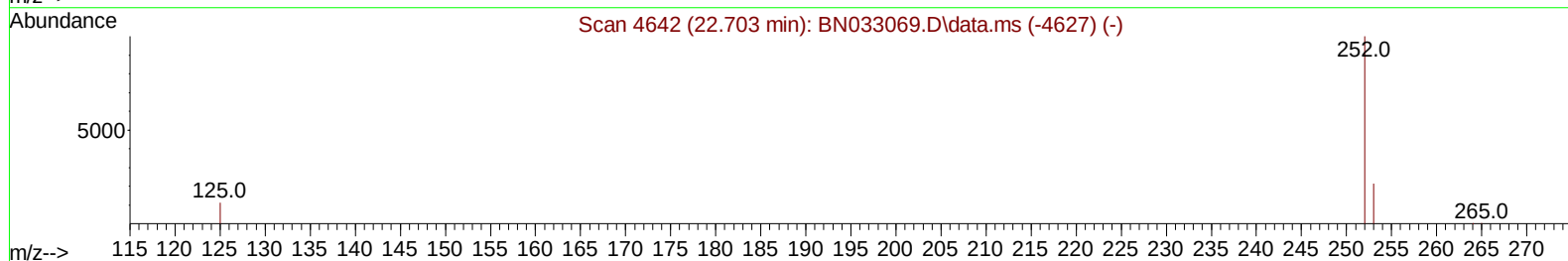
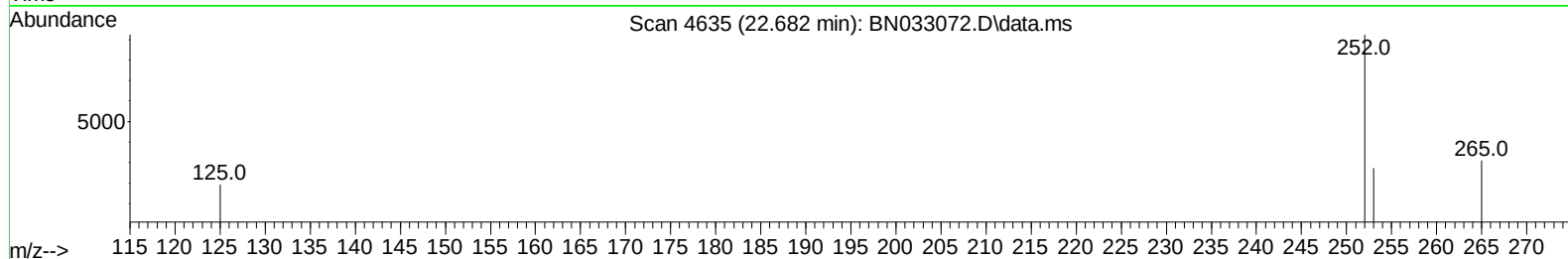
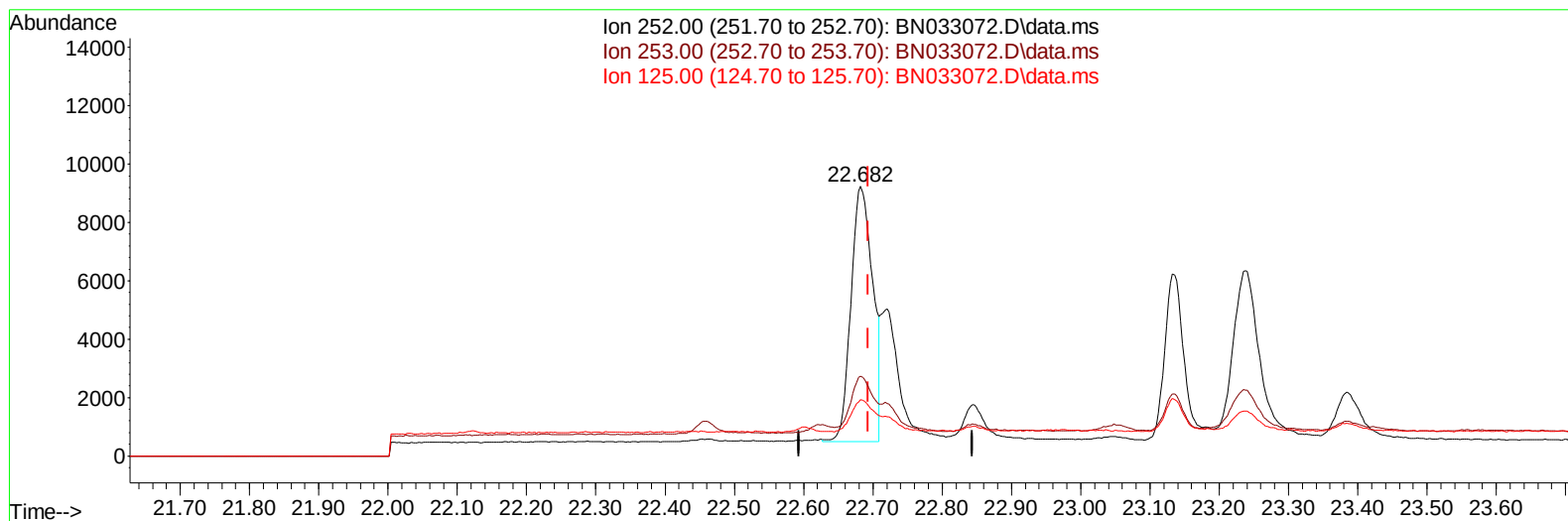
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033072.D
Acq On : 29 Jul 2024 17:49
Operator : MA/JU
Sample : P3264-20DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN0DL

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
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TIC: BN033072.D\data.ms

(24) Benzo(b)fluoranthene

22.682min (-0.012) 0.54 ng/ul m

response 19130

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	29.69
125.00	25.50	20.96
0.00	0.00	0.00

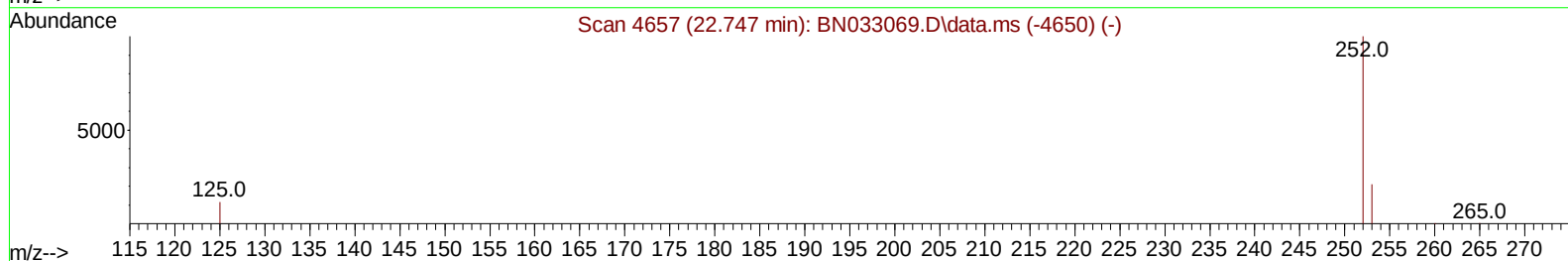
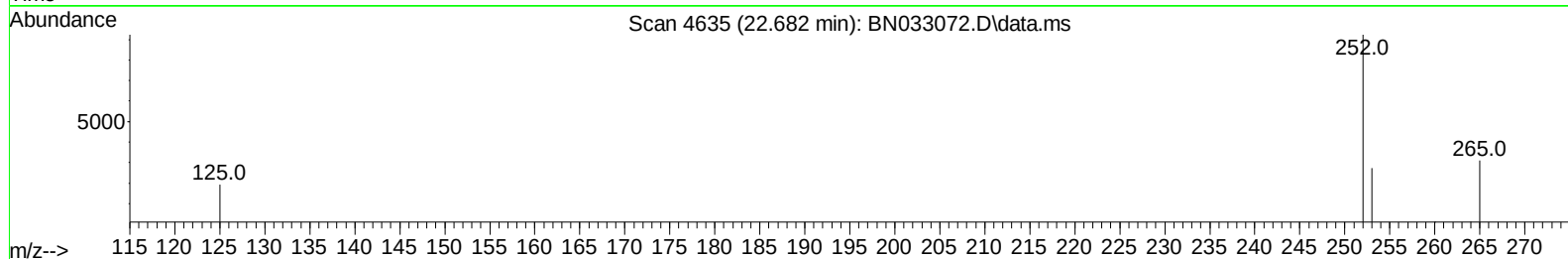
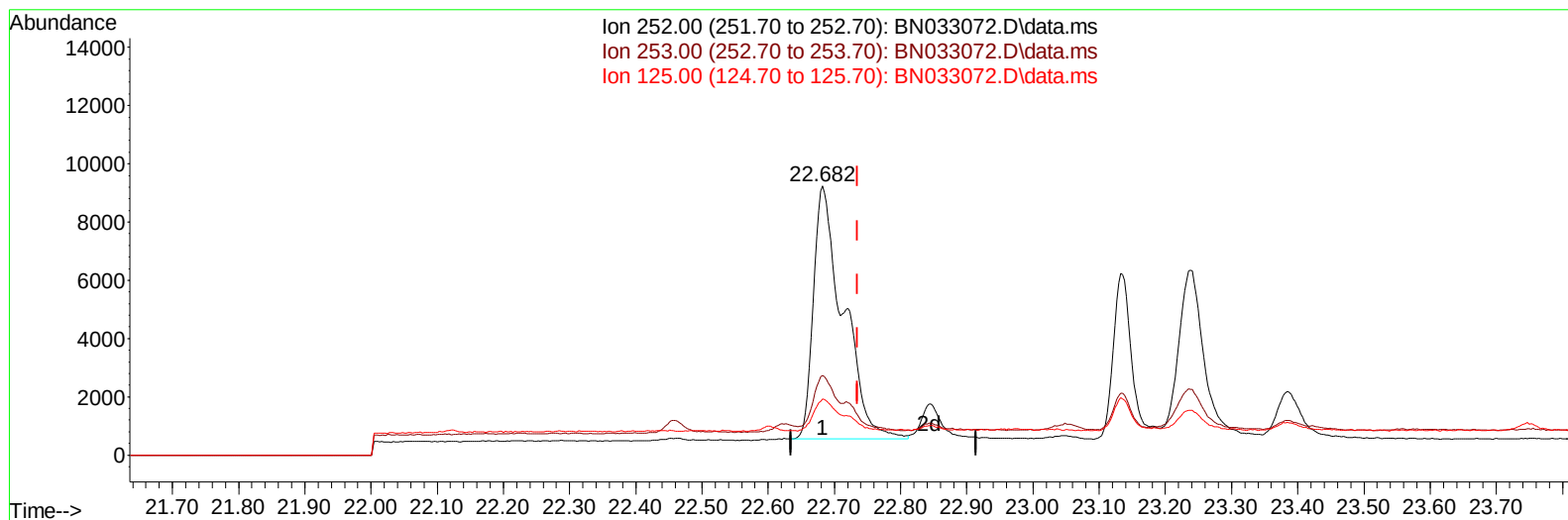
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Operator : MA/JU
Sample : P3264-20DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN033072.D\data.ms

(25) Benzo(k)fluoranthene

22.682min (-0.053) 0.64 ng/uL

response 27108

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	29.69
125.00	26.10	20.96
0.00	0.00	0.00

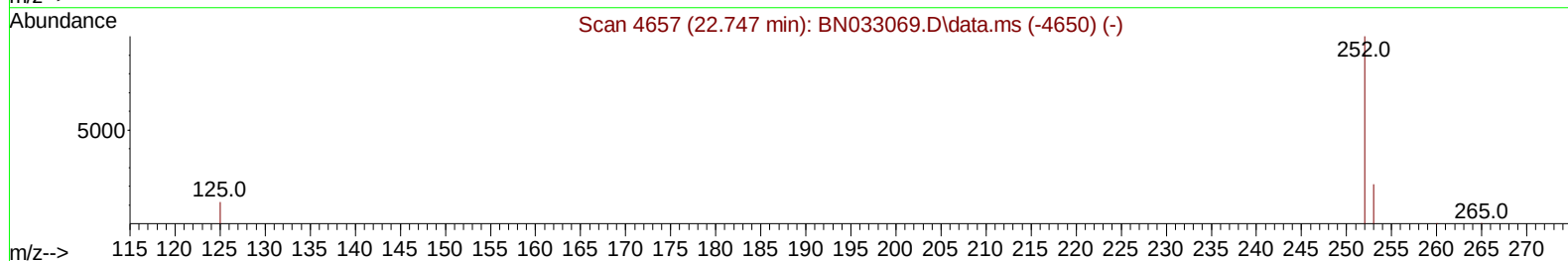
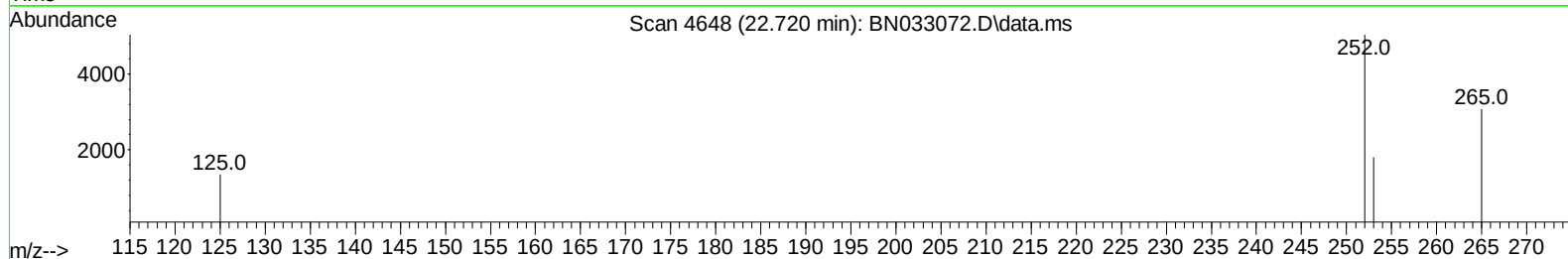
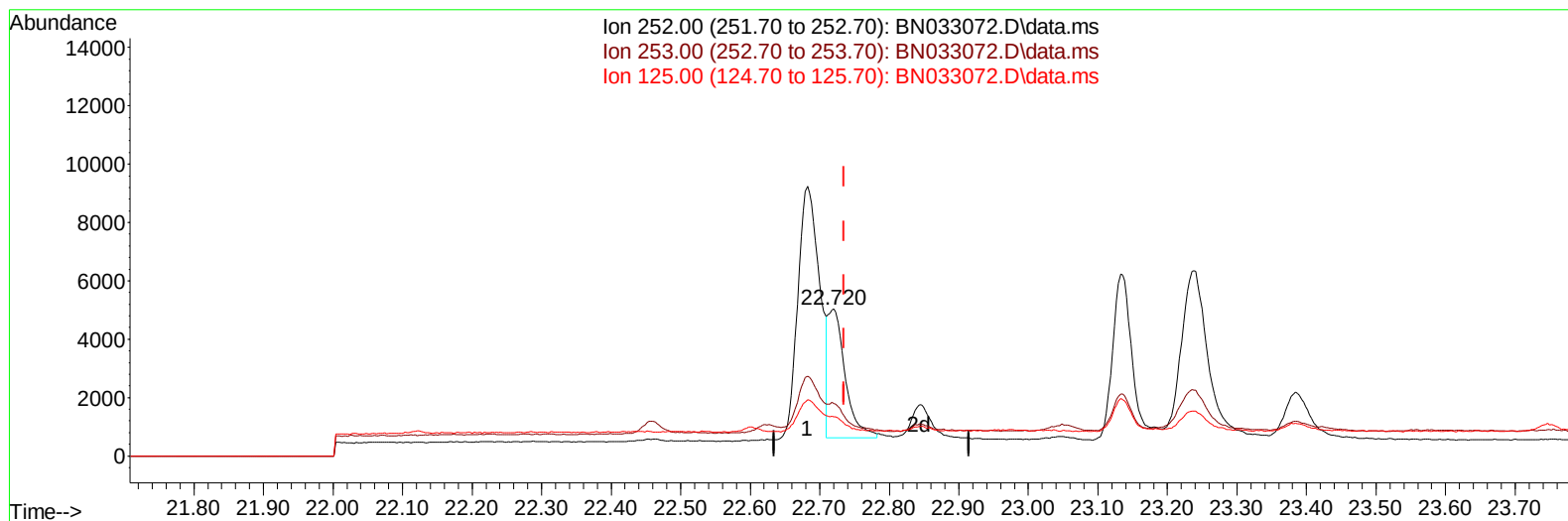
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033072.D
Acq On : 29 Jul 2024 17:49
Operator : MA/JU
Sample : P3264-20DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN0DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/30/2024
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Quant Time: Jul 29 23:07:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration



TIC: BN033072.D\data.ms

(25) Benzo(k)fluoranthene

22.720min (-0.015) 0.18 ng/ul m

response 7717

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	35.76
125.00	26.10	26.77
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033072.D
 Acq On : 29 Jul 2024 17:49
 Operator : MA/JU
 Sample : P3264-20DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN0DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/31/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.524	152	1833	0.400	ng/ul	0.00
4) Naphthalene-d8	10.317	136	6233	0.400	ng/ul #	0.02
9) Acenaphthene-d10	14.162	164	4489	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.928	188	10247	0.400	ng/ul	-0.02
17) Chrysene-d12	21.151	240	9747	0.400	ng/ul	0.00
23) Perylene-d12	23.331	264	12092m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.060	96	1571	0.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	340	0.033	ng/ul	0.04
18) Fluoranthene-d10	18.967	212	1242	0.045	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.372	128	565	0.035	ng/ul#	28
10) Acenaphthylene	13.889	152	1033	0.056	ng/ul#	74
11) Acenaphthene	14.226	153	861	0.062	ng/ul	95
12) Fluorene	15.240	166	1185	0.074	ng/ul#	94
15) Phenanthrene	16.966	178	18649	0.679	ng/ul	99
16) Anthracene	17.063	178	3037	0.123	ng/ul#	84
19) Fluoranthene	18.995	202	30607	0.954	ng/ul	99
20) Pyrene	19.362	202	27283	0.793	ng/ul	99
21) Benzo(a)anthracene	21.140	228	11212m	0.337	ng/ul	
22) Chrysene	21.189	228	11233	0.290	ng/ul	98
24) Benzo(b)fluoranthene	22.682	252	19130m	0.542	ng/ul	
25) Benzo(k)fluoranthene	22.720	252	7717m	0.182	ng/ul	
26) Benzo(a)pyrene	23.238	252	14669	0.441	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.557	276	10300	0.204	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.550	278	2361	0.059	ng/ul#	48
29) Benzo(g,h,i)perylene	26.225	276	10917	0.272	ng/ul	98

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

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