

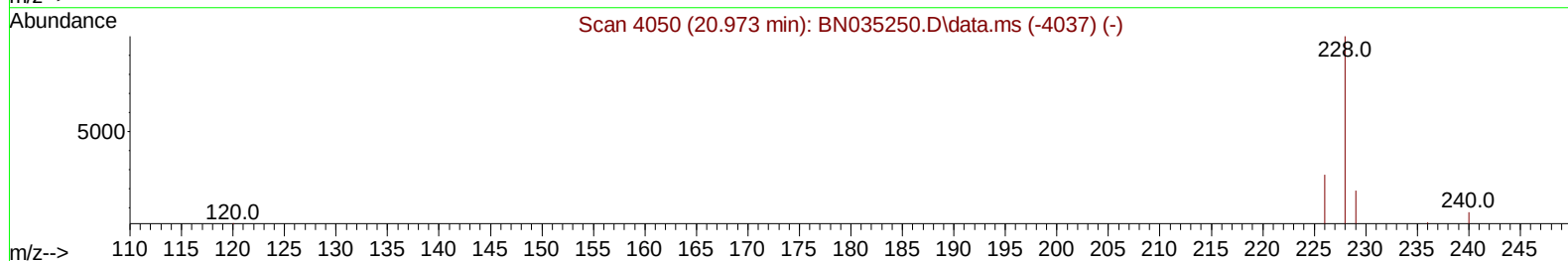
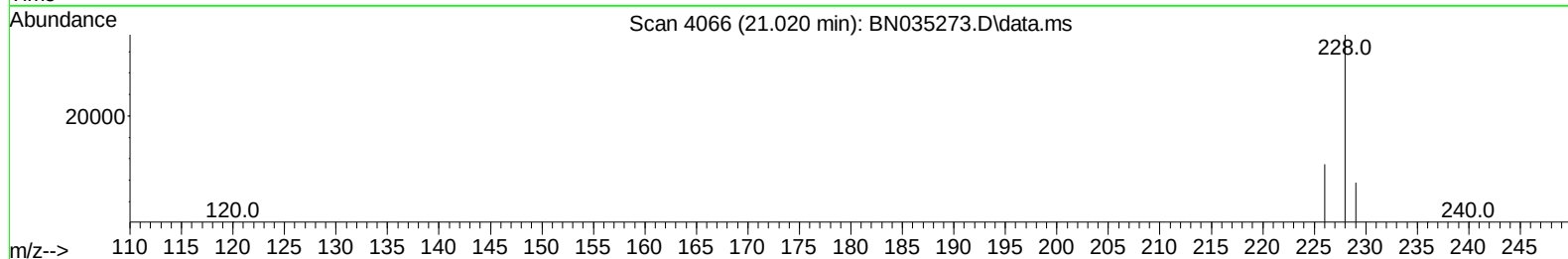
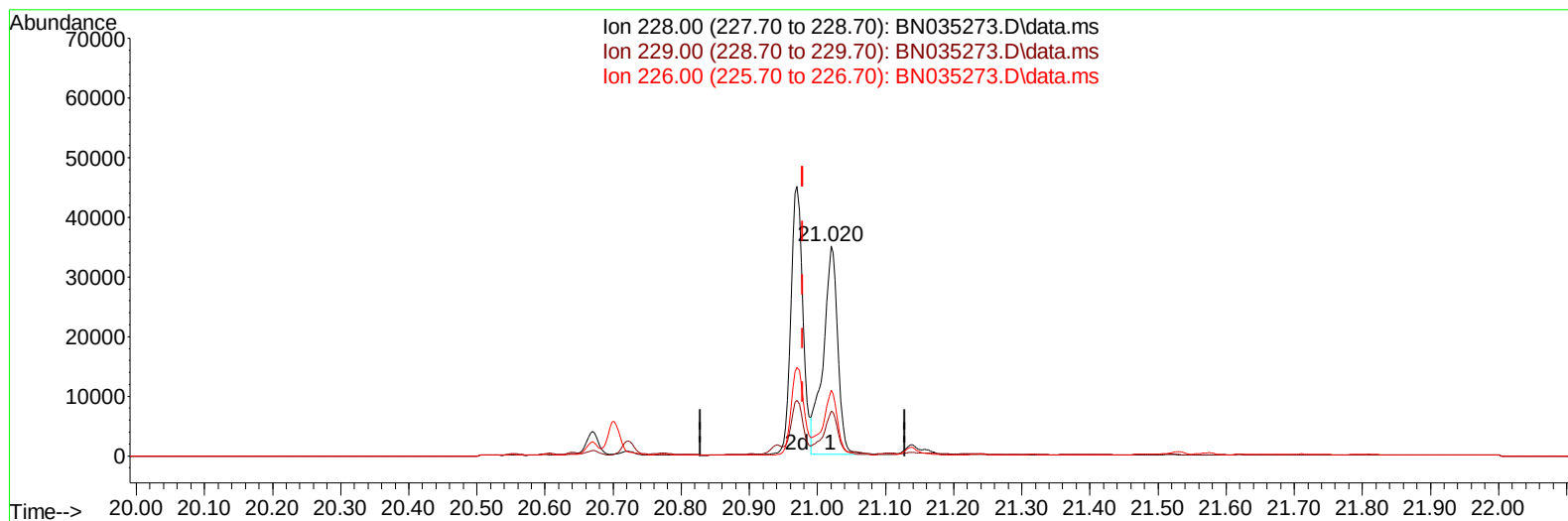
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035273.D
Acq On : 23 Nov 2024 11:11
Operator : RC/JU
Sample : P4872-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Z0

Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BN035273.D\data.ms

(21) Benzo(a)anthracene

21.020min (+ 0.041) 1.10 ng/u1

response 51758

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	21.34
226.00	27.30	31.22
0.00	0.00	0.00

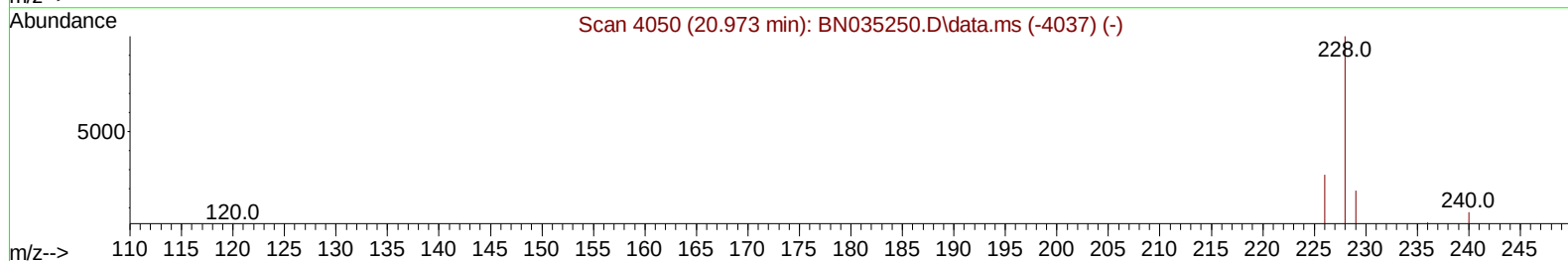
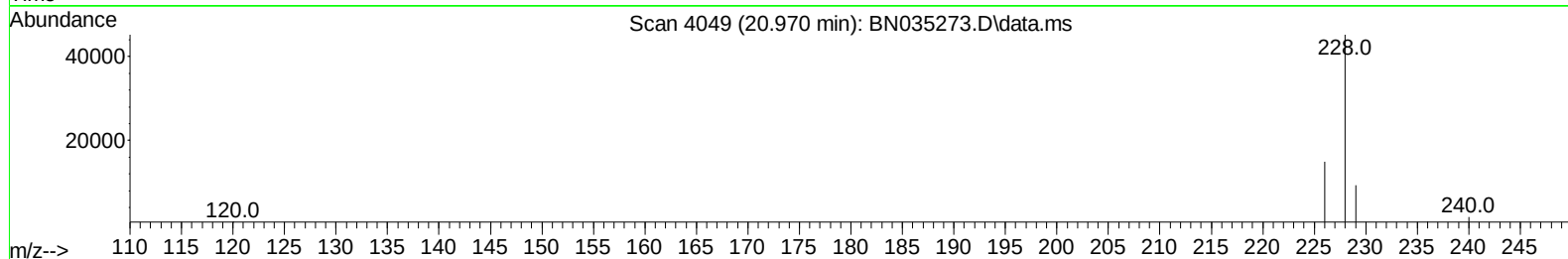
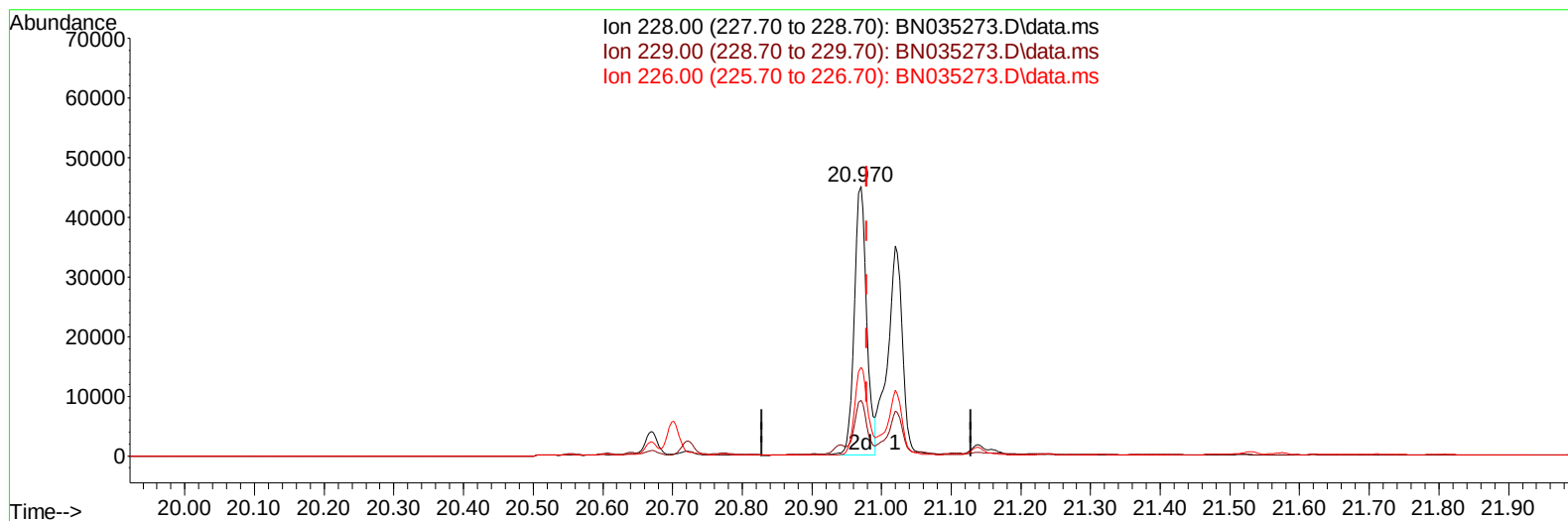
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Instrument :
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TIC: BN035273.D\data.ms

(21) Benzo(a)anthracene

20.970min (-0.009) 1.18 ng/ul m

response 55613

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	20.76
226.00	27.30	32.93#
0.00	0.00	0.00

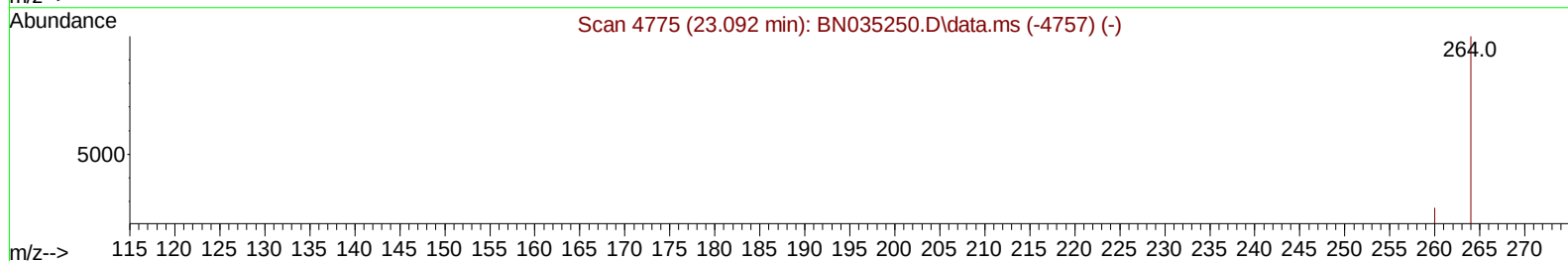
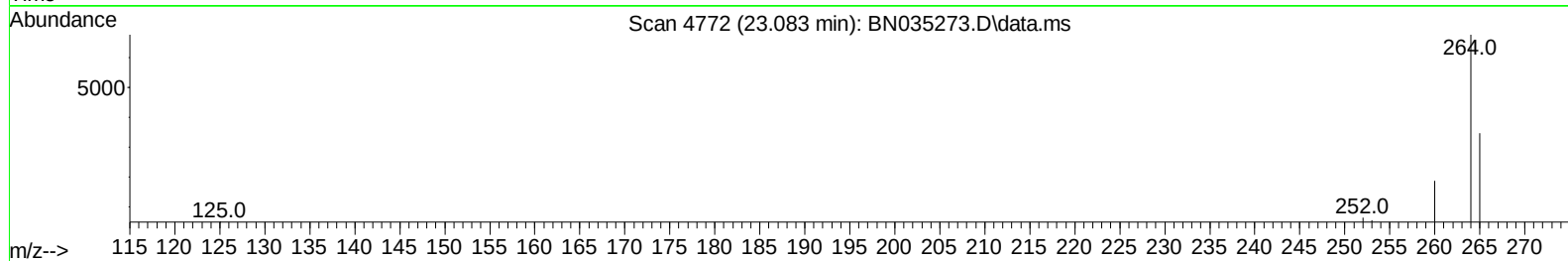
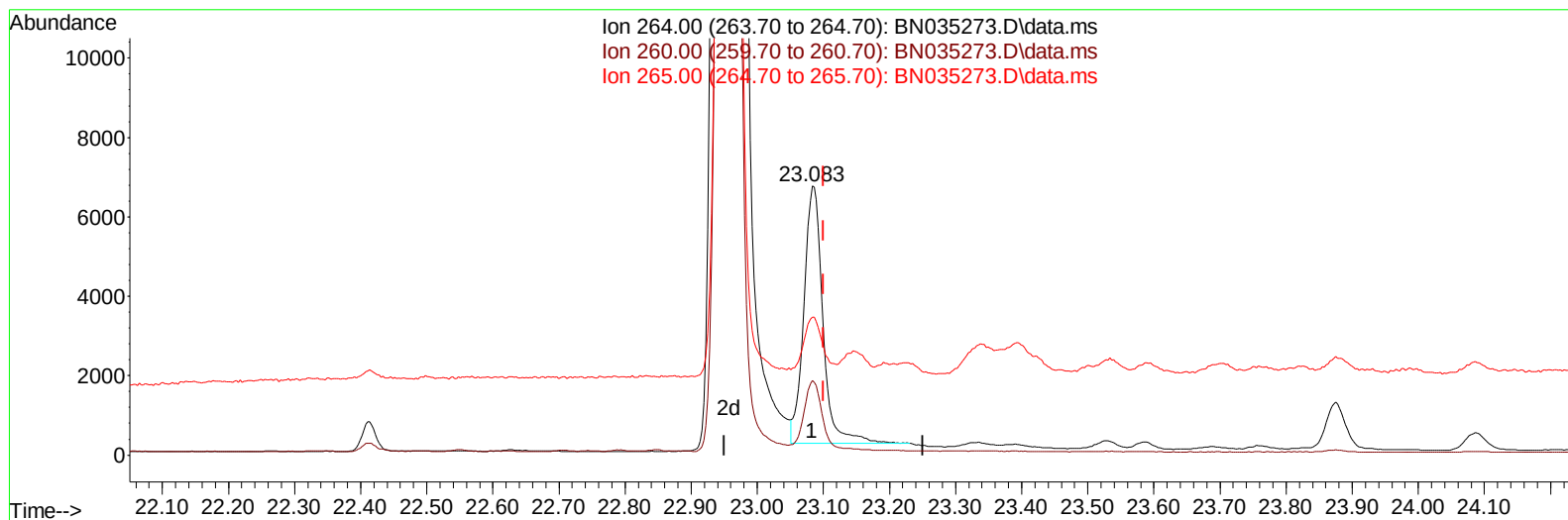
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TIC: BN035273.D\data.ms

(23) Perylene-d12 (I)

23.083min (-0.017) 0.40 ng/u1

response 12785

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	27.63
265.00	75.50	51.39#
0.00	0.00	0.00

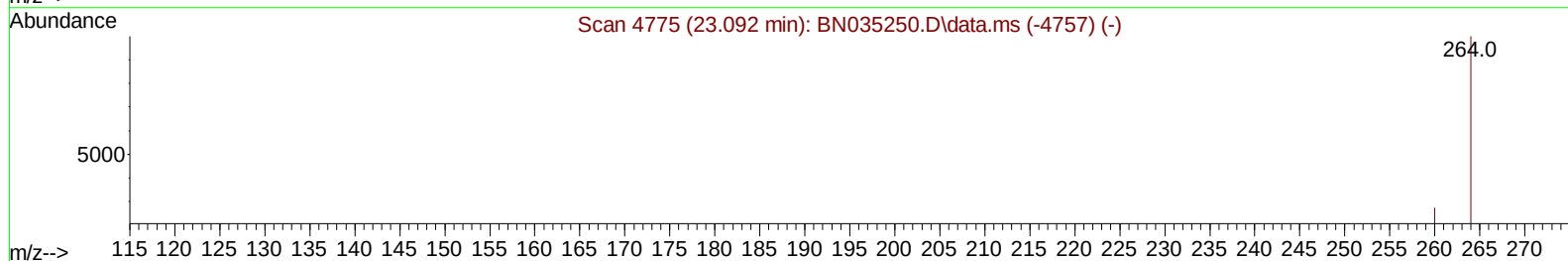
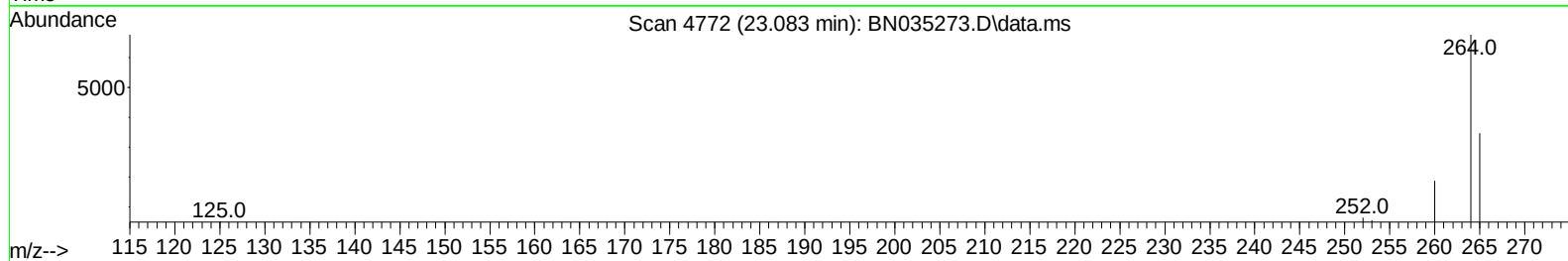
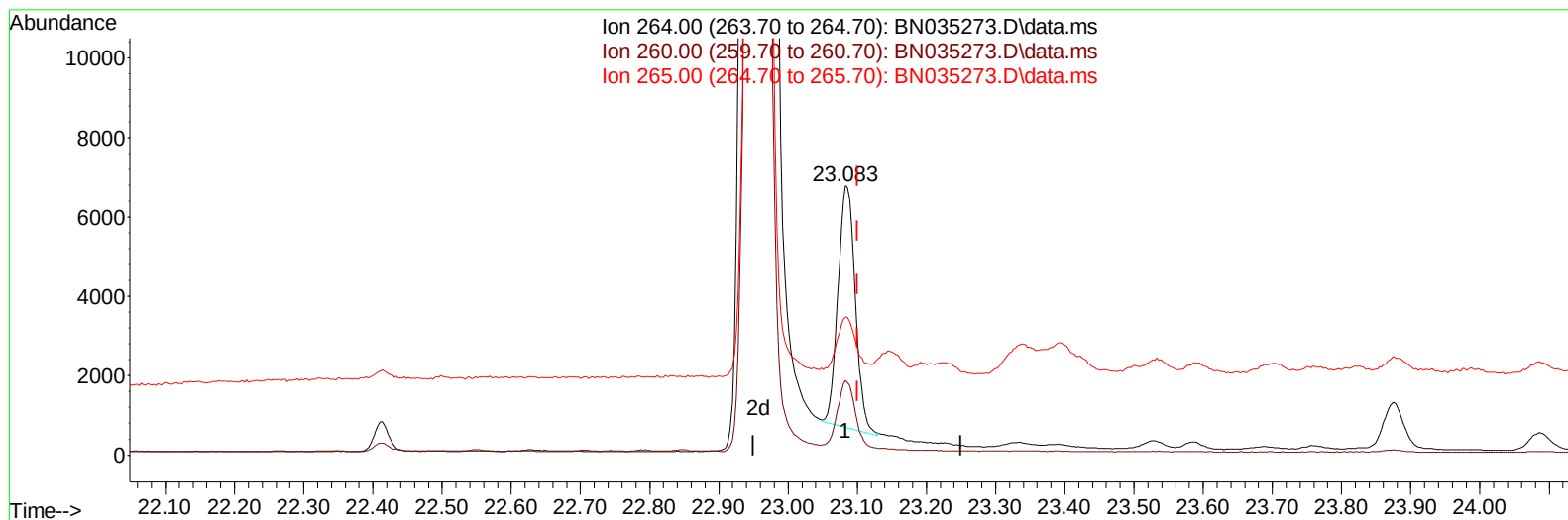
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Operator : RC/JU
Sample : P4872-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Z0

Manual IntegrationsAPPROVED

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TIC: BN035273.D\data.ms

(23) Perylene-d12 (I)

23.083min (-0.017) 0.40 ng/ul m

response 10584

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	27.63
265.00	75.50	51.39#
0.00	0.00	0.00

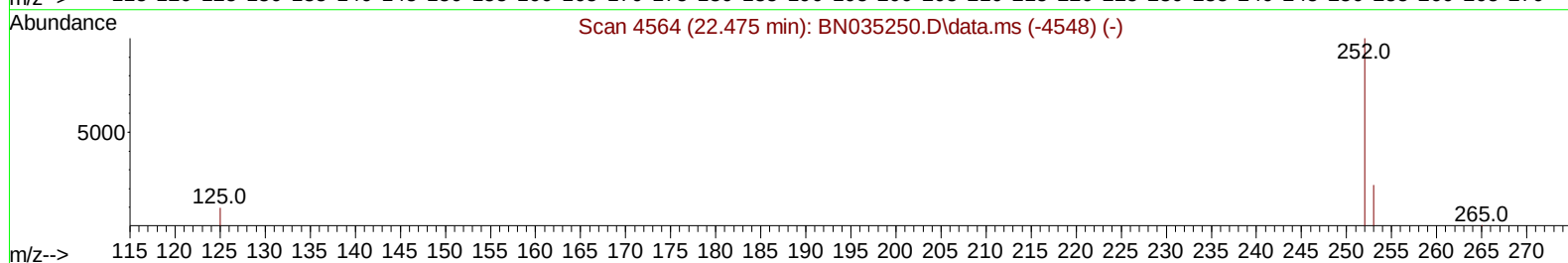
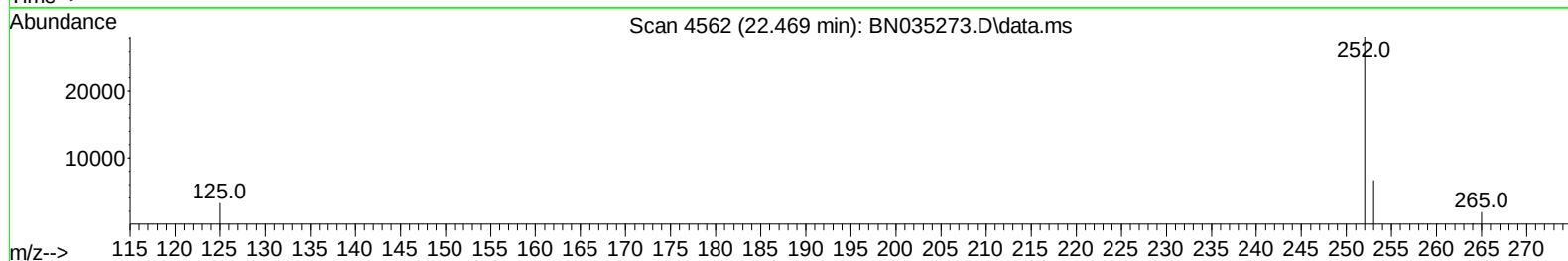
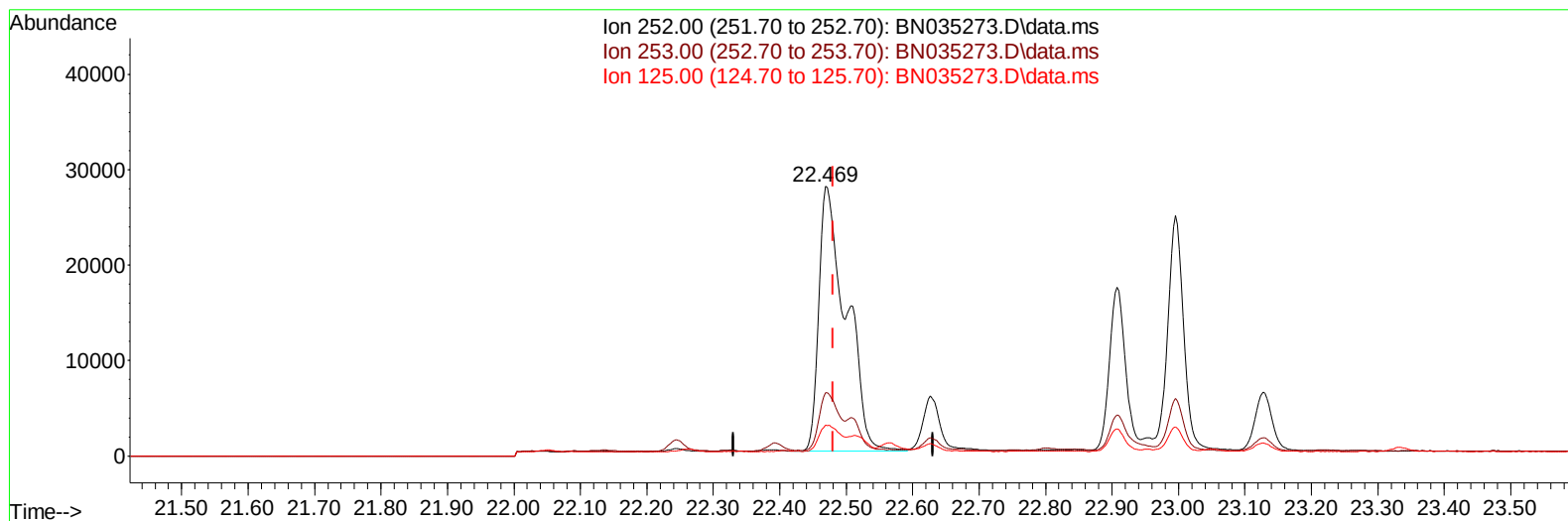
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Sample : P4872-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN035273.D\data.ms

(24) Benzo(b)fluoranthene

22.469min (-0.012) 2.26 ng/u1

response 79074

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.50
125.00	9.70	11.55
0.00	0.00	0.00

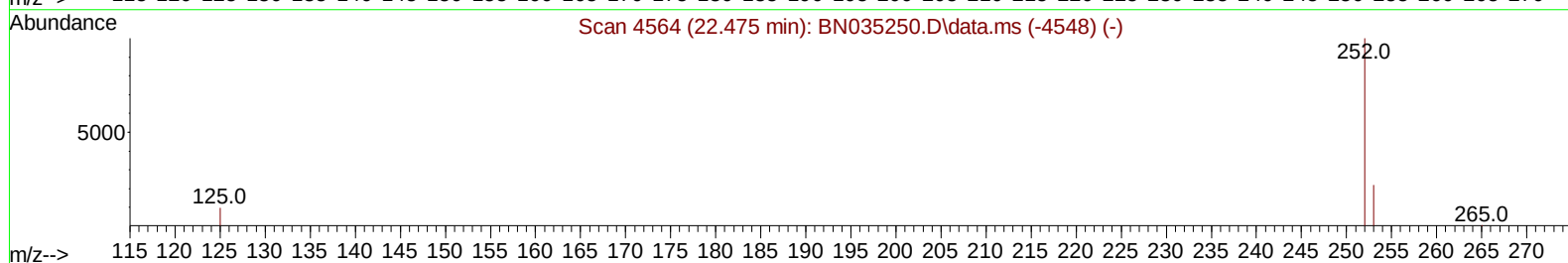
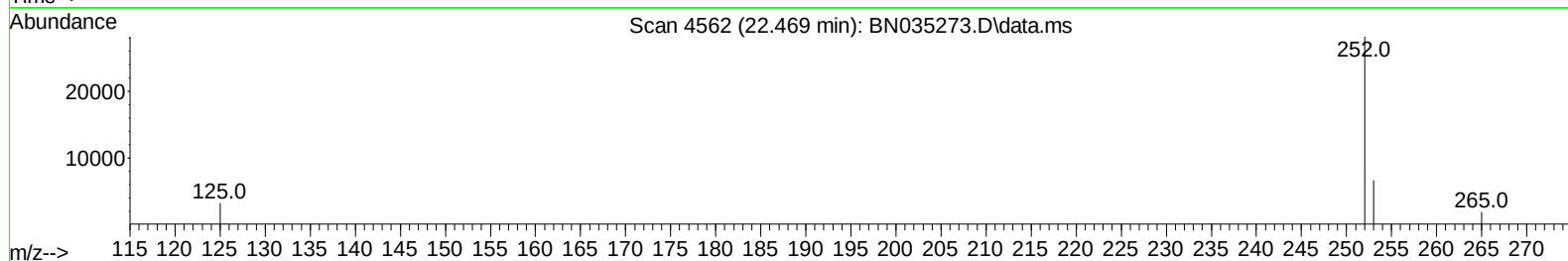
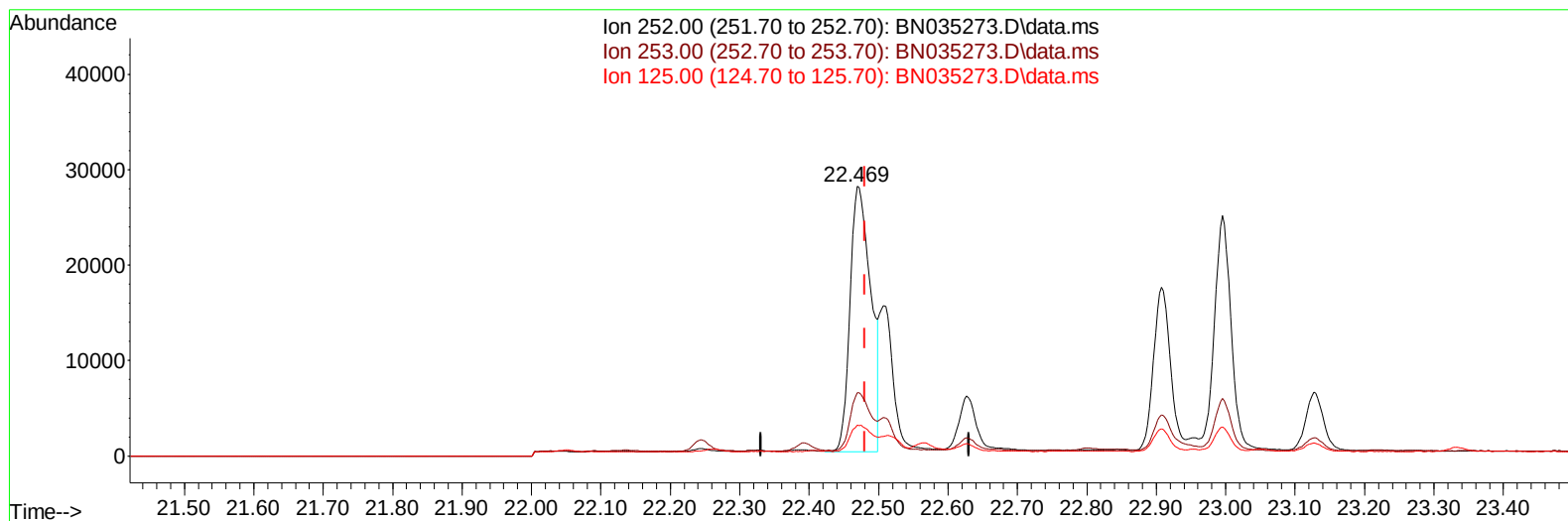
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035273.D
Acq On : 23 Nov 2024 11:11
Operator : RC/JU
Sample : P4872-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Z0

Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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TIC: BN035273.D\data.ms

(24) Benzo(b)fluoranthene

22.469min (-0.012) 1.64 ng/ul m

response 57399

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.50
125.00	9.70	11.55
0.00	0.00	0.00

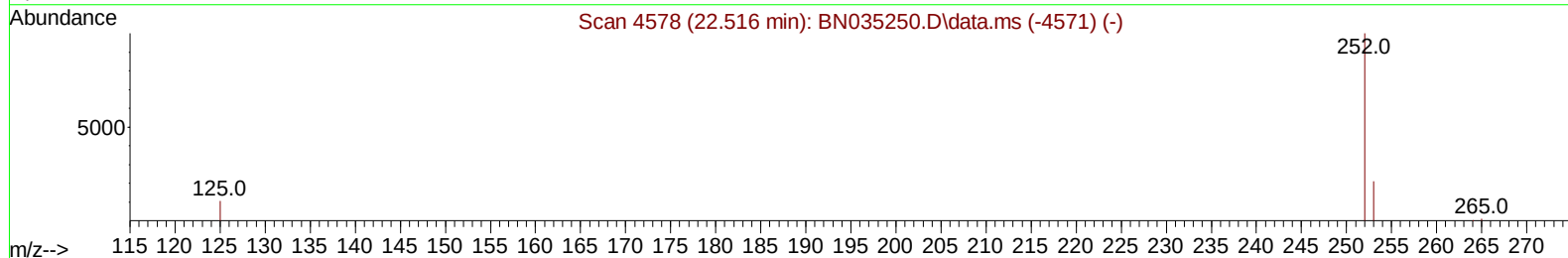
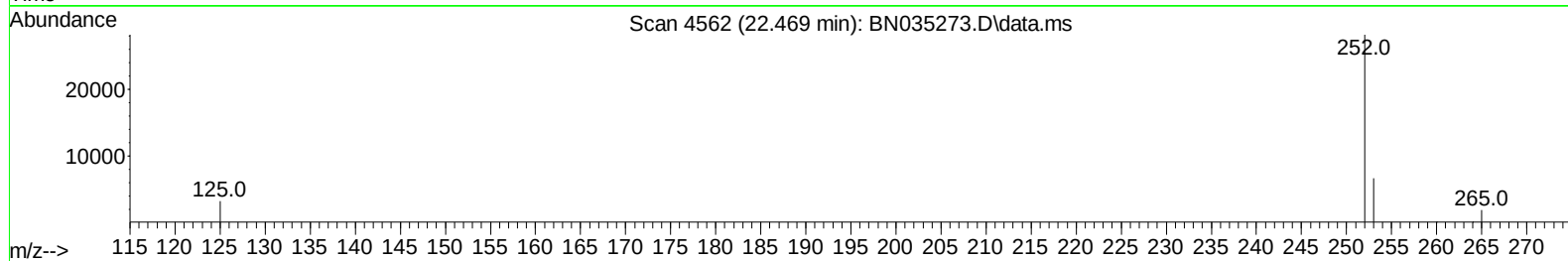
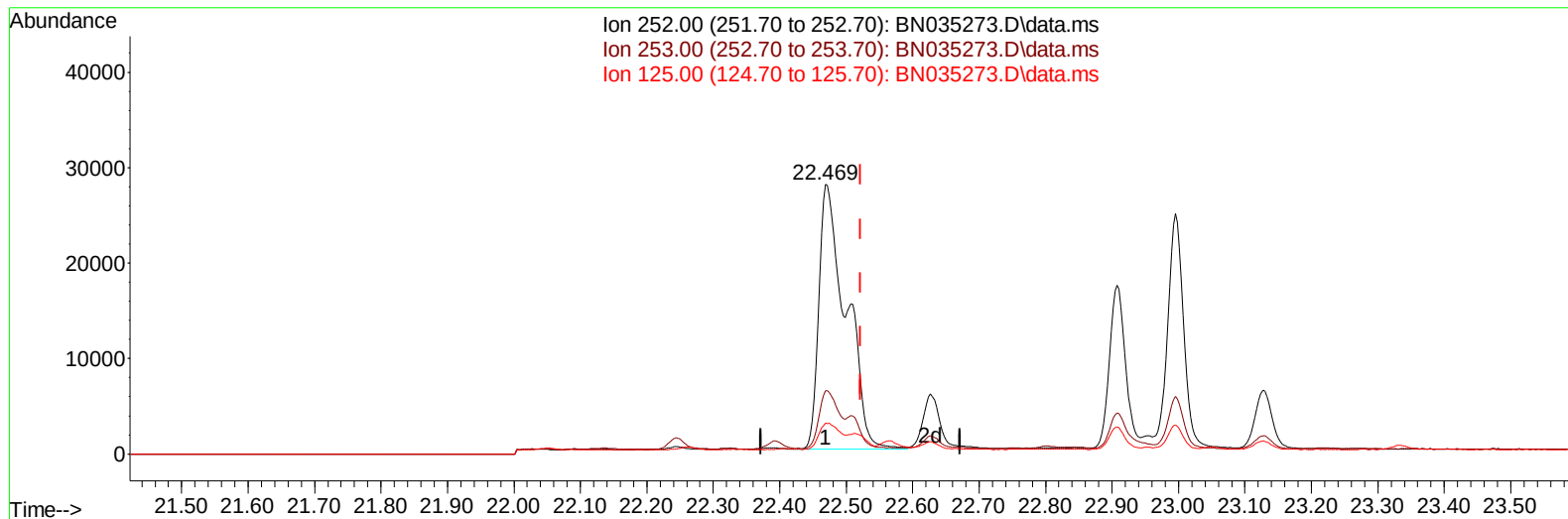
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Operator : RC/JU
Sample : P4872-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
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TIC: BN035273.D\data.ms

(25) Benzo(k)fluoranthene

22.469min (-0.052) 2.19 ng/uI

response 79074

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	23.50
125.00	10.70	11.55
0.00	0.00	0.00

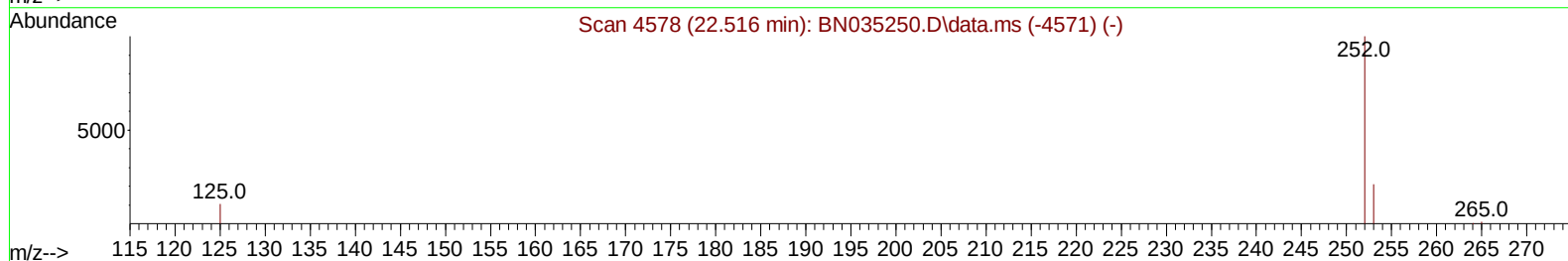
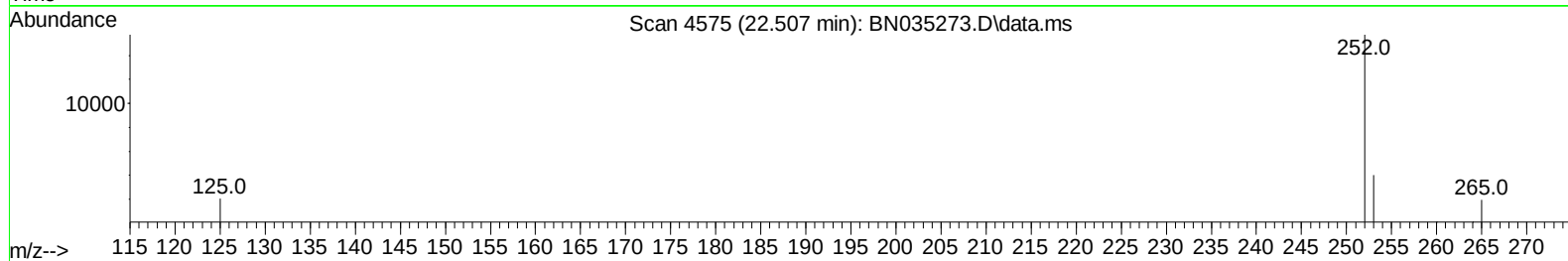
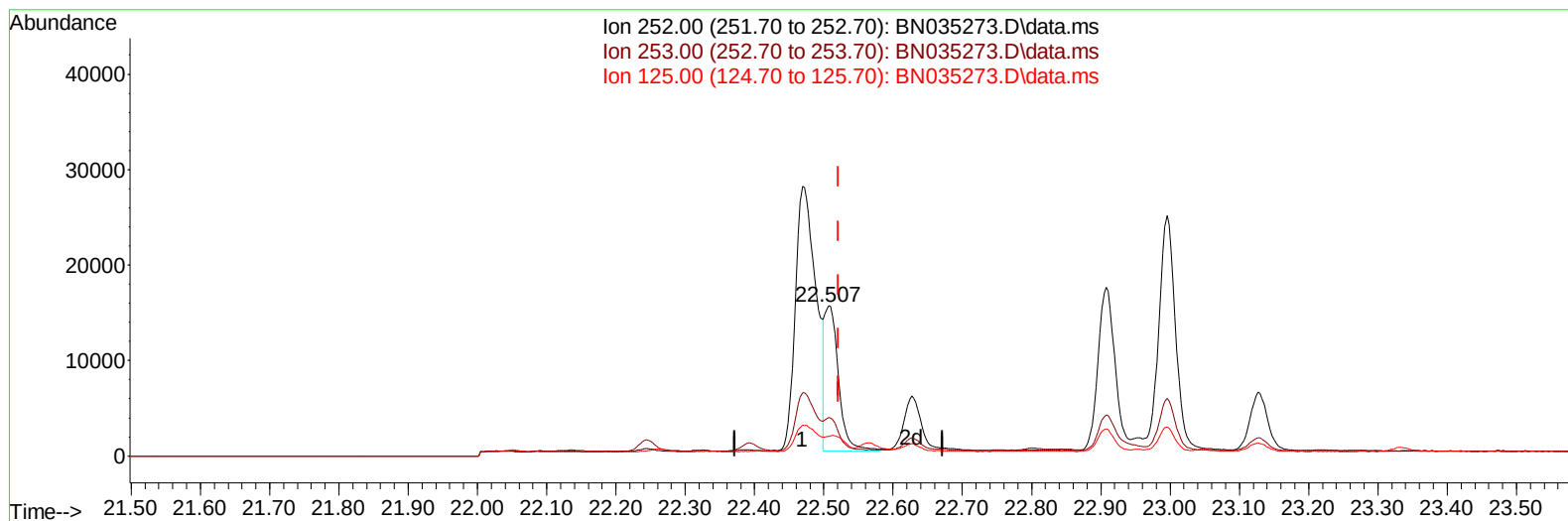
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Data File : BN035273.D
Acq On : 23 Nov 2024 11:11
Operator : RC/JU
Sample : P4872-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Z0

Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:53 2024
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Supervised By :mohammad ahmed 11/27/2024



TIC: BN035273.D\data.ms

(25) Benzo(k)fluoranthene

22.507min (-0.014) 0.60 ng/ul m

response 21757

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	25.47
125.00	10.70	13.14#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035273.D
 Acq On : 23 Nov 2024 11:11
 Operator : RC/JU
 Sample : P4872-23
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Z0

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.318	152	4001	0.400	ng/ul	0.00
4) Naphthalene-d8	10.064	136	11125	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.977	164	6981	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.743	188	15762	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.985	240	13559	0.400	ng/ul	# 0.00
23) Perylene-d12	23.083	264	10584m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	6776	1.853	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	2561	0.157	ng/ul	0.00
18) Fluoranthene-d10	18.796	212	7374	0.197	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.114	128	628	0.022	ng/ul#	76
8) 1-Methylnaphthalene	11.972	142	426	0.022	ng/ul	96
10) Acenaphthylene	13.690	152	12976	0.469	ng/ul	99
11) Acenaphthene	14.041	153	1115	0.053	ng/ul	94
12) Fluorene	15.041	166	4172	0.168	ng/ul	99
15) Phenanthrene	16.785	178	64665	1.552	ng/ul	99
16) Anthracene	16.878	178	15216	0.393	ng/ul	99
19) Fluoranthene	18.823	202	125641	2.661	ng/ul#	94
20) Pyrene	19.195	202	107516	2.189	ng/ul#	94
21) Benzo(a)anthracene	20.970	228	55613m	1.182	ng/ul	
22) Chrysene	21.020	228	51677	1.091	ng/ul	99
24) Benzo(b)fluoranthene	22.469	252	57399m	1.641	ng/ul	
25) Benzo(k)fluoranthene	22.507	252	21757m	0.603	ng/ul	
26) Benzo(a)pyrene	22.995	252	40822	1.277	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.128	276	24336	0.564	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.138	278	5469	0.162	ng/ul#	85
29) Benzo(g,h,i)perylene	25.748	276	22401	0.658	ng/ul#	93

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

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