

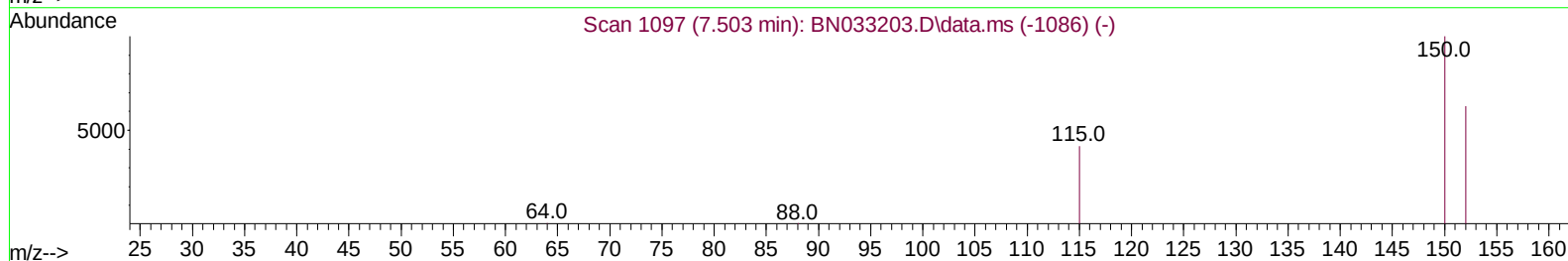
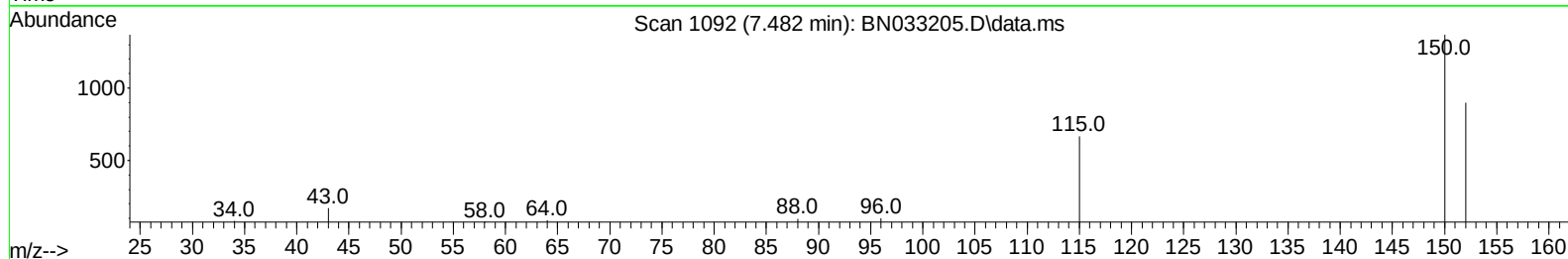
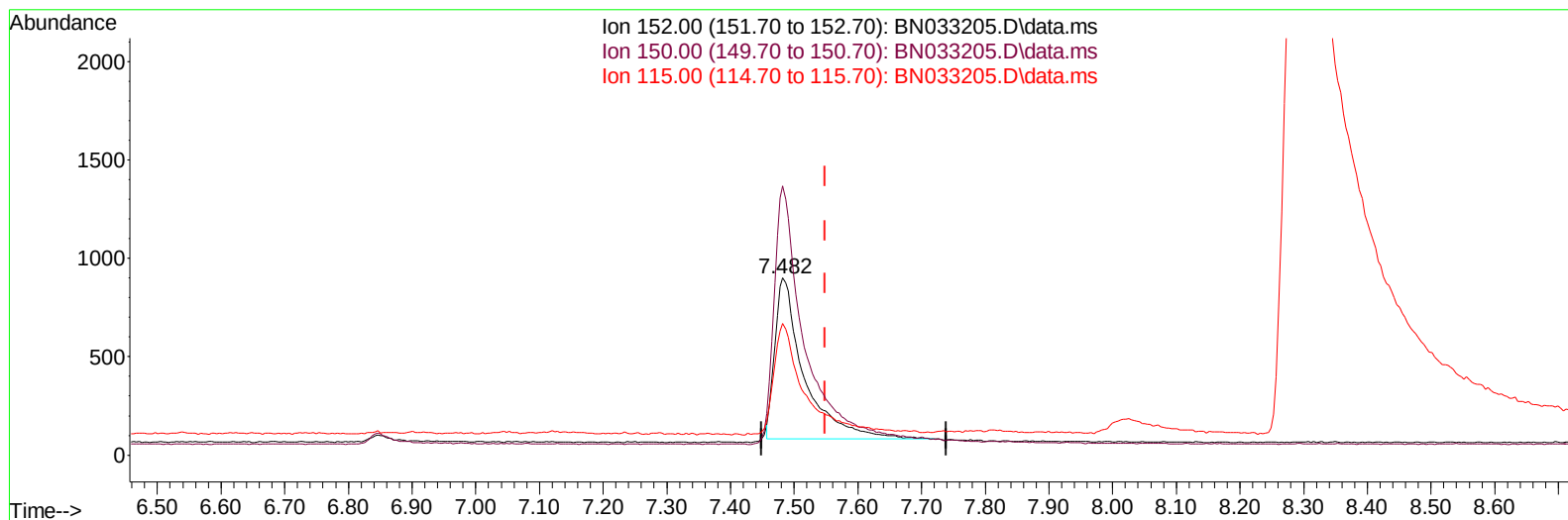
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033205.D
Acq On : 02 Aug 2024 15:25
Operator : MA/JU
Sample : P3265-07DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D40DL

Manual IntegrationsAPPROVED

Quant Time: Aug 02 16:06:25 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 : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033205.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.482min (-0.067) 0.40 ng/ul

response 2624

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	143.10	152.00
115.00	84.50	74.22
0.00	0.00	0.00

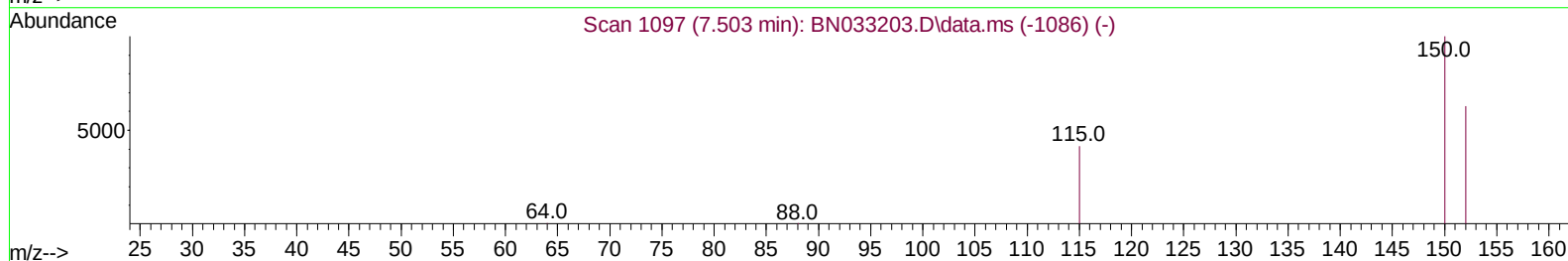
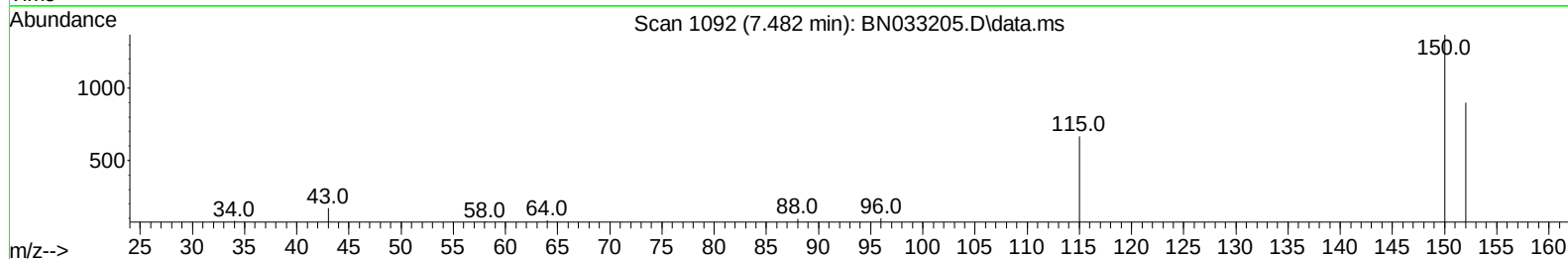
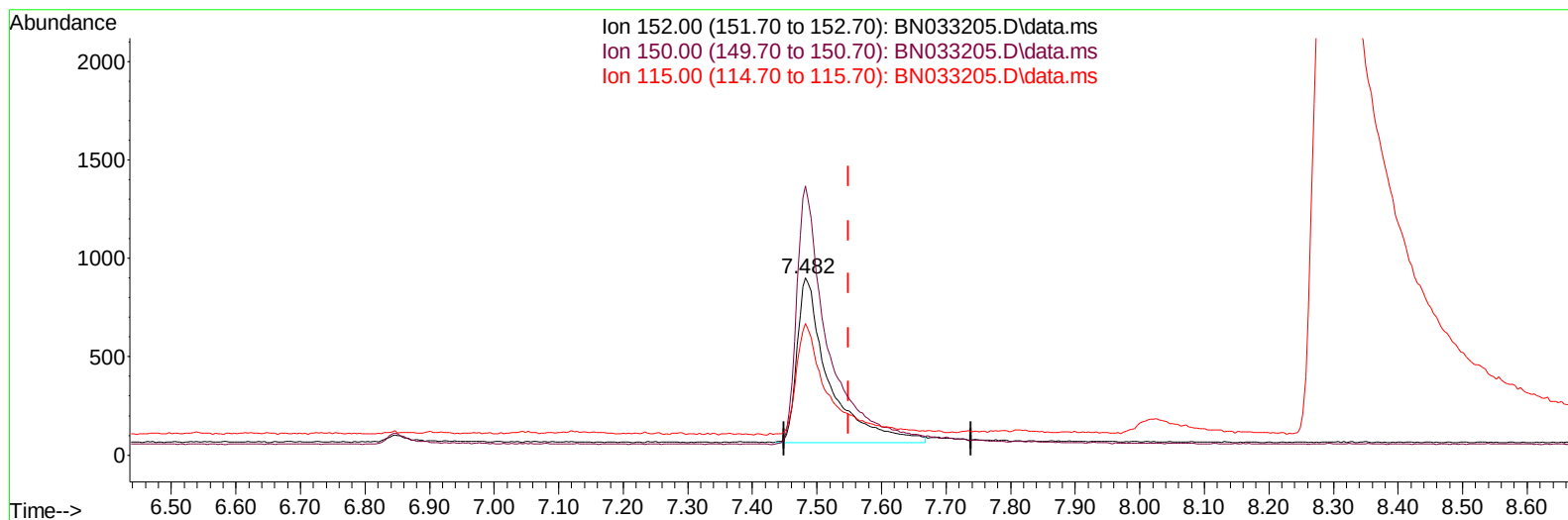
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TIC: BN033205.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.482min (-0.067) 0.40 ng/ul m

response 2890

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	143.10	152.00
115.00	84.50	74.22
0.00	0.00	0.00

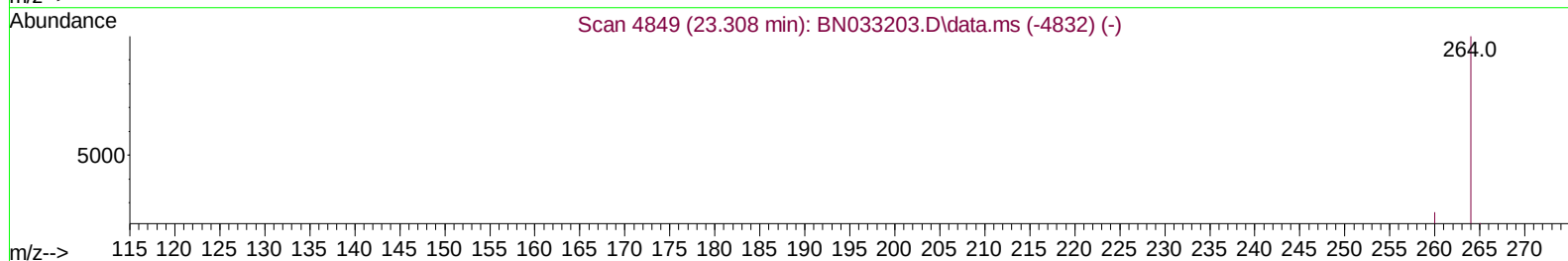
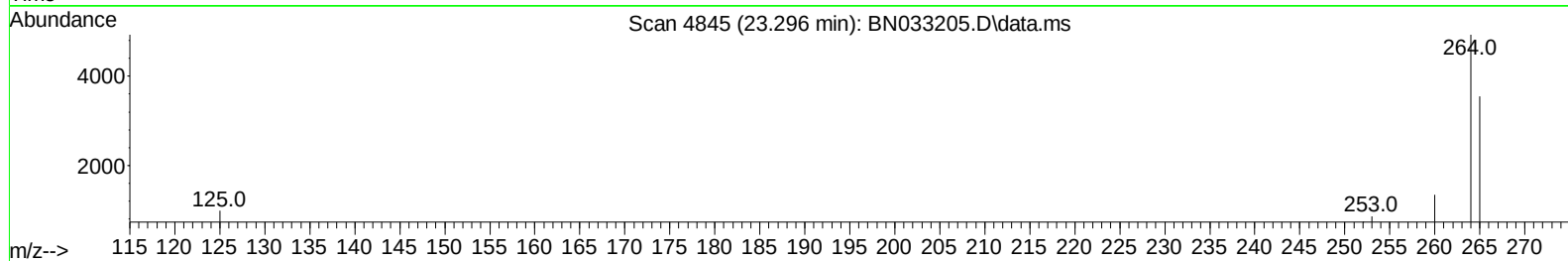
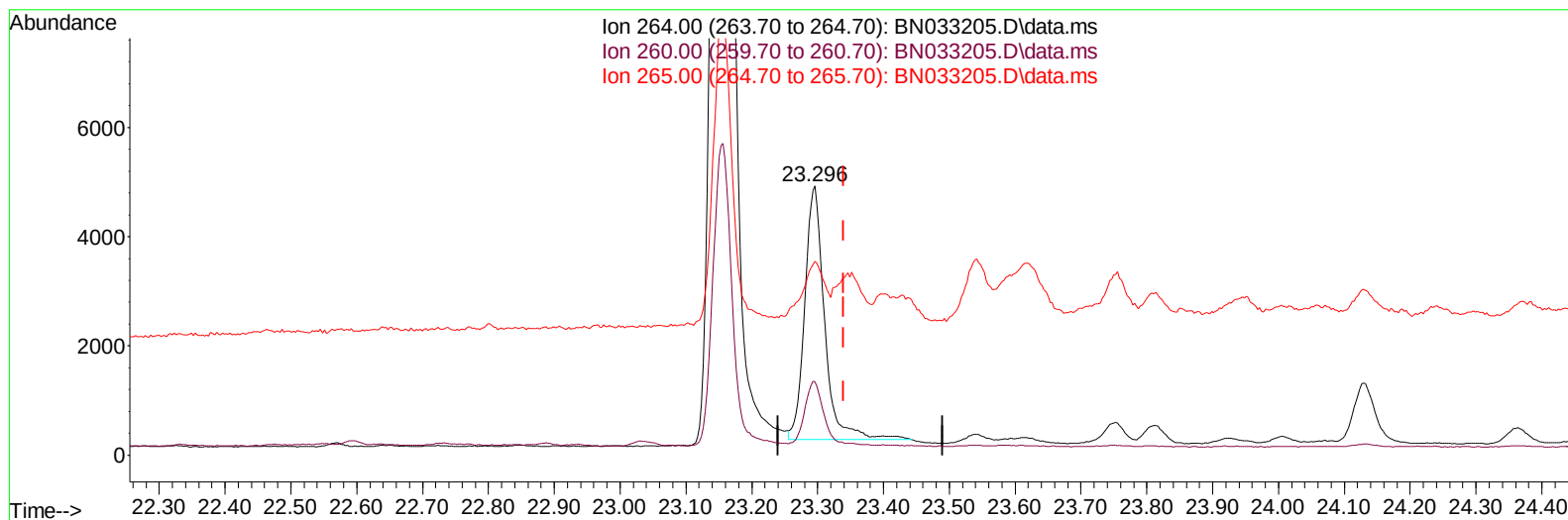
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TIC: BN033205.D\data.ms

(23) Perylene-d12 (I)

23.296min (-0.044) 0.40 ng/u1

response 9677

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	27.32
265.00	80.60	71.92
0.00	0.00	0.00

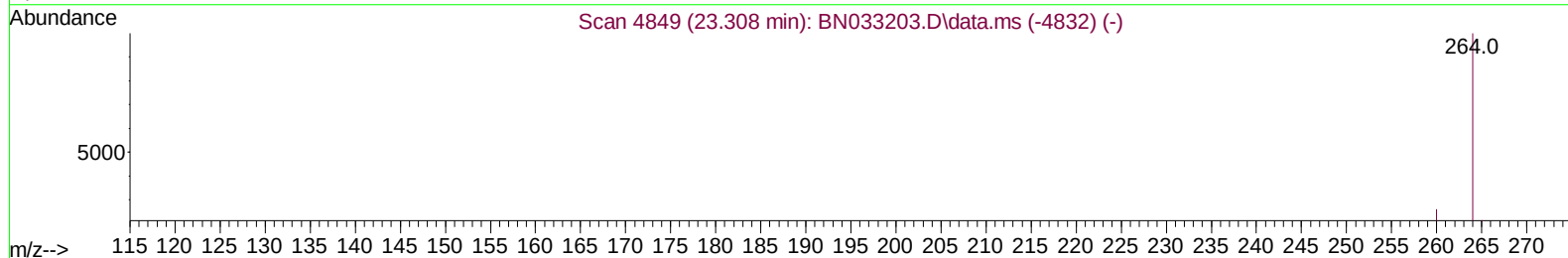
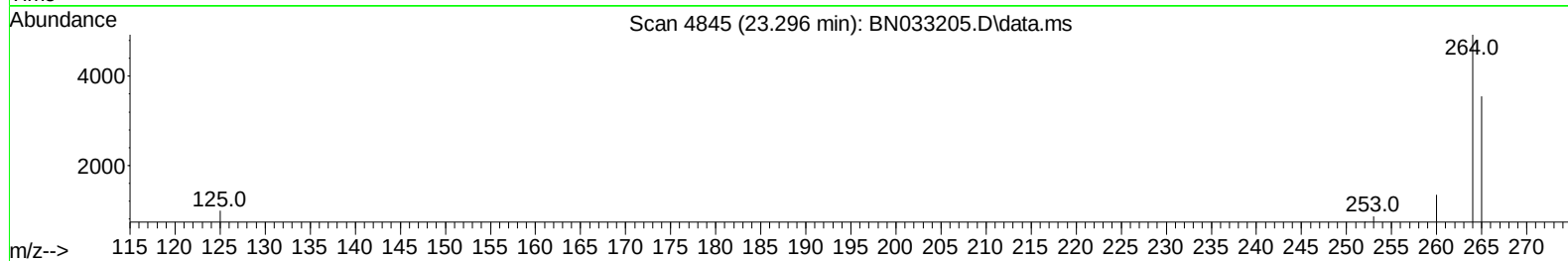
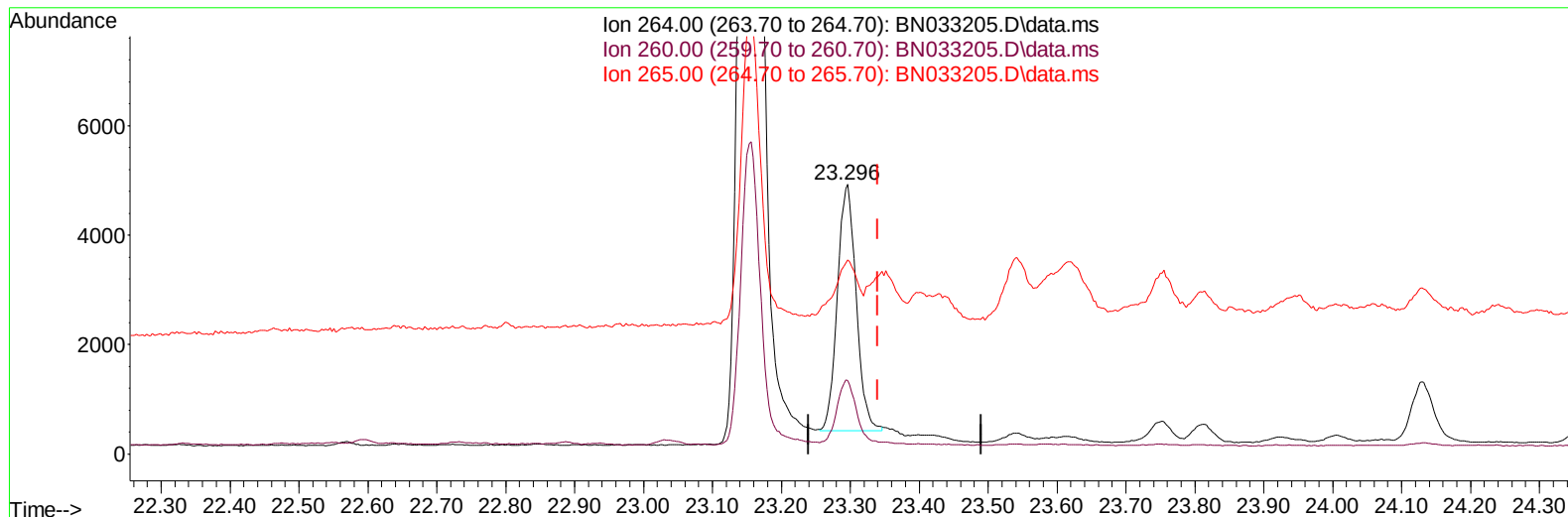
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN033205.D\data.ms

(23) Perylene-d12 (I)

23.296min (-0.044) 0.40 ng/ul m

response 8464

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	27.32
265.00	80.60	71.92
0.00	0.00	0.00

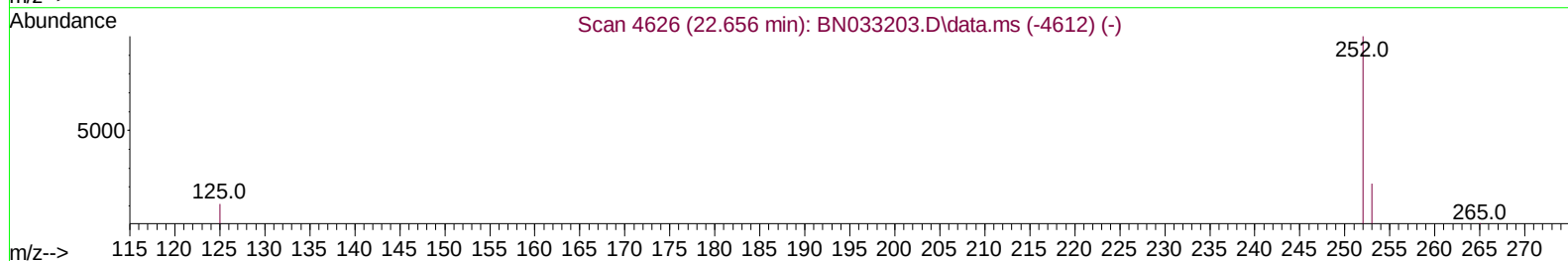
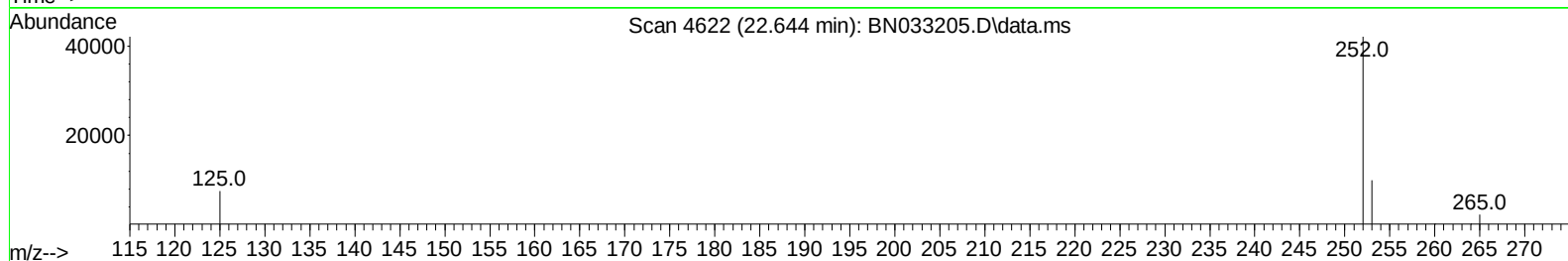
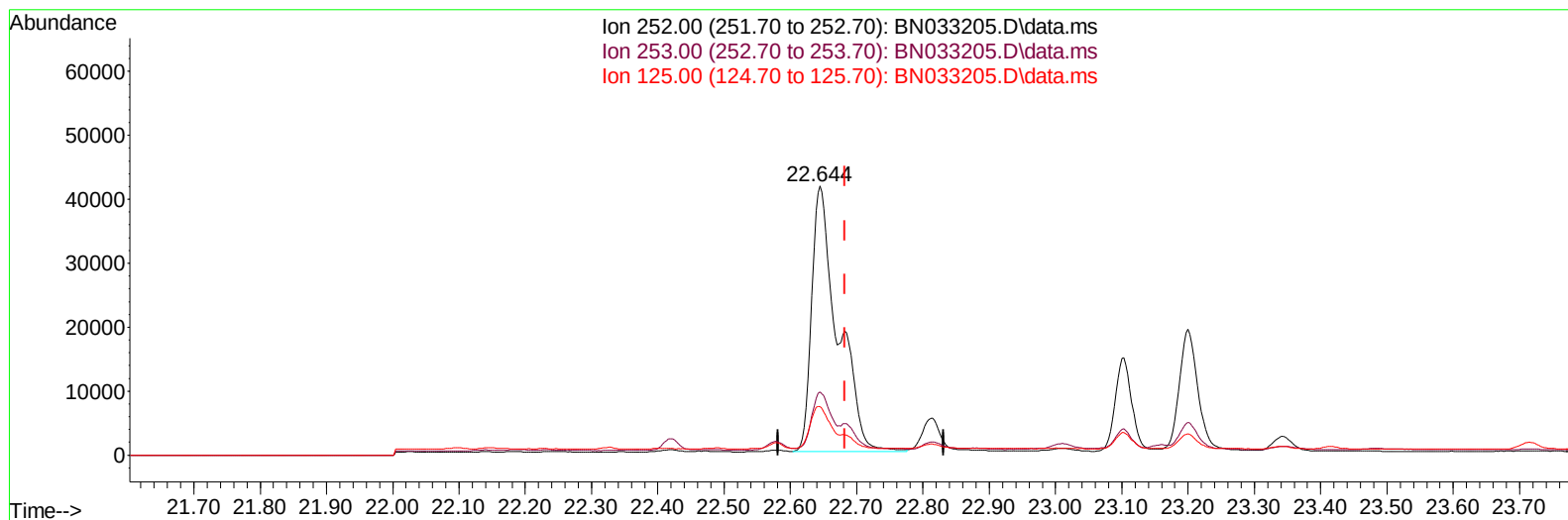
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Data File : BN033205.D
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Operator : MA/JU
Sample : P3265-07DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN033205.D\data.ms

(24) Benzo(b)fluoranthene

22.644min (-0.038) 4.58 ng/u1

response 113333

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	23.58
125.00	25.50	18.12
0.00	0.00	0.00

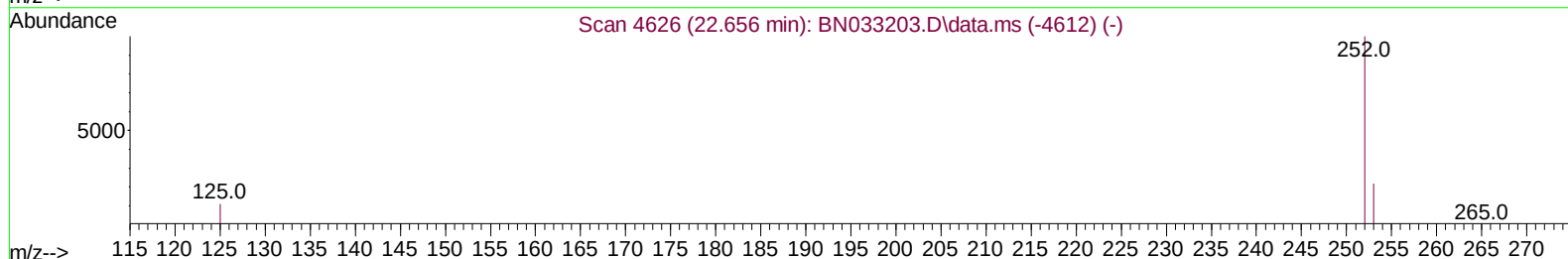
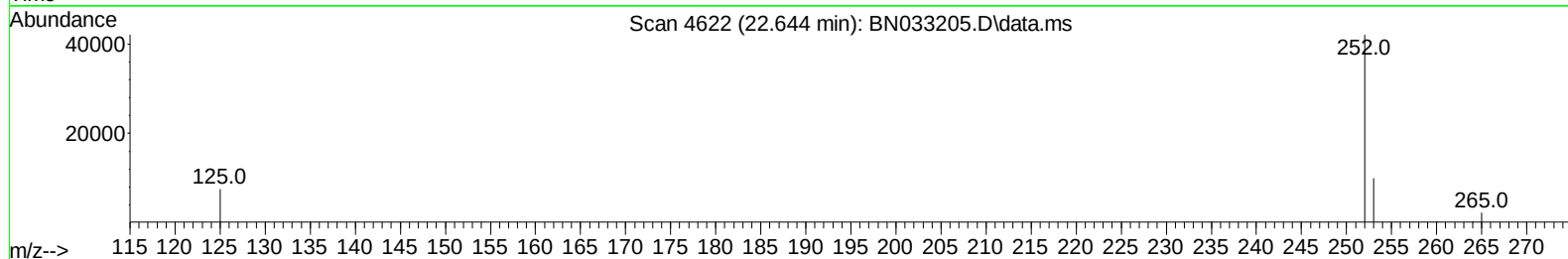
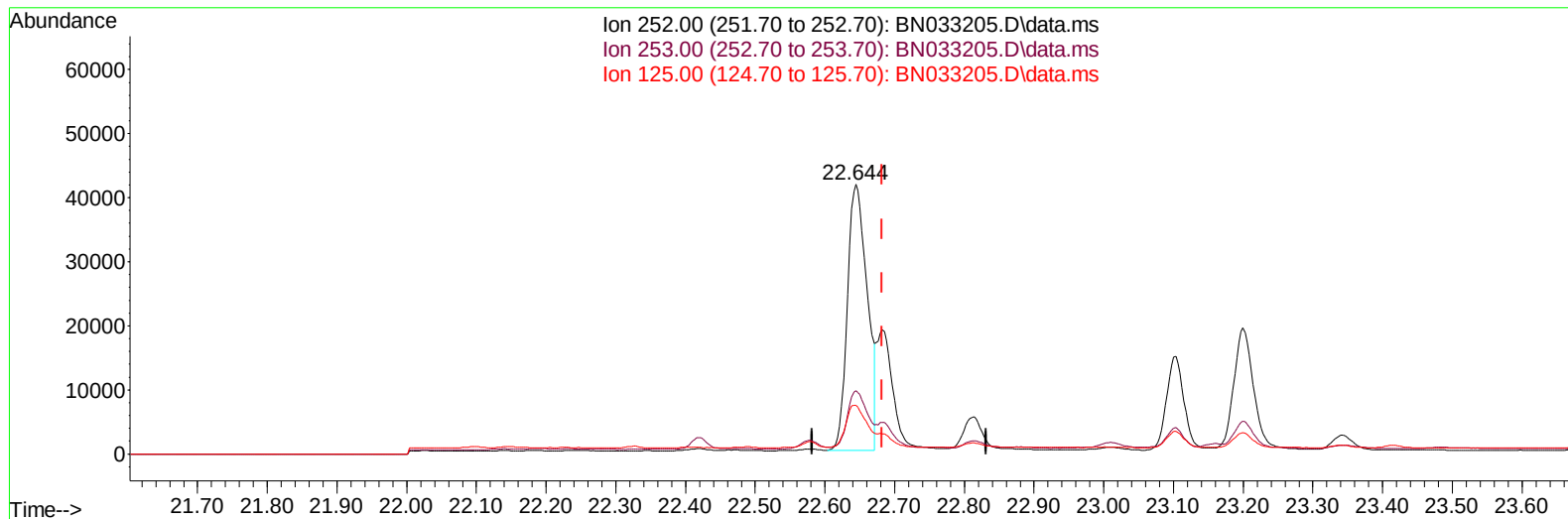
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033205.D
Acq On : 02 Aug 2024 15:25
Operator : MA/JU
Sample : P3265-07DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D40DL

Manual IntegrationsAPPROVED

Quant Time: Aug 02 16:06:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN033205.D\data.ms

(24) Benzo(b)fluoranthene

22.644min (-0.038) 3.32 ng/ul m

response 81991

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	23.58
125.00	25.50	18.12
0.00	0.00	0.00

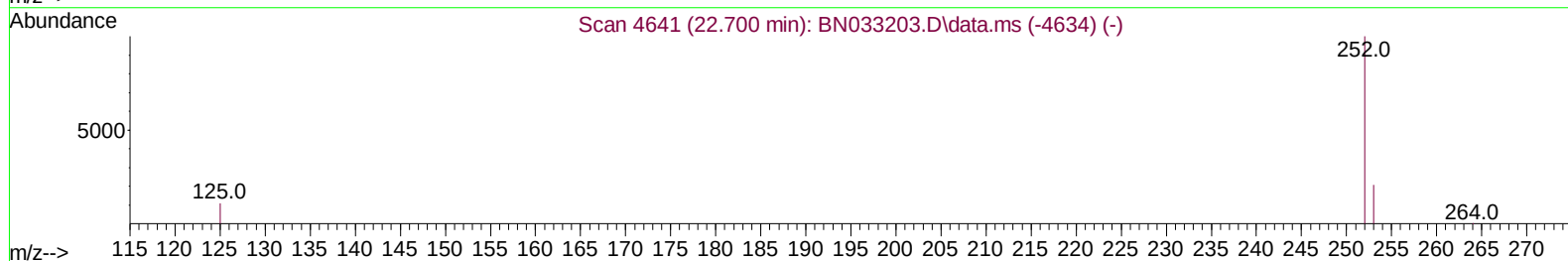
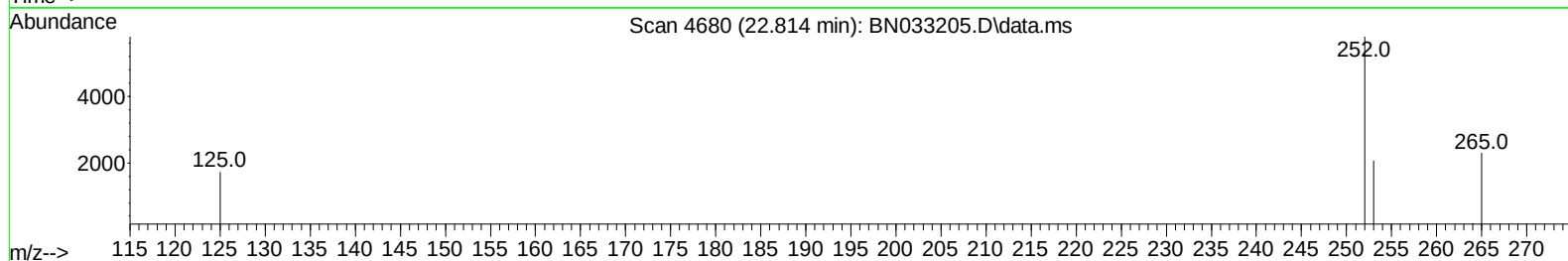
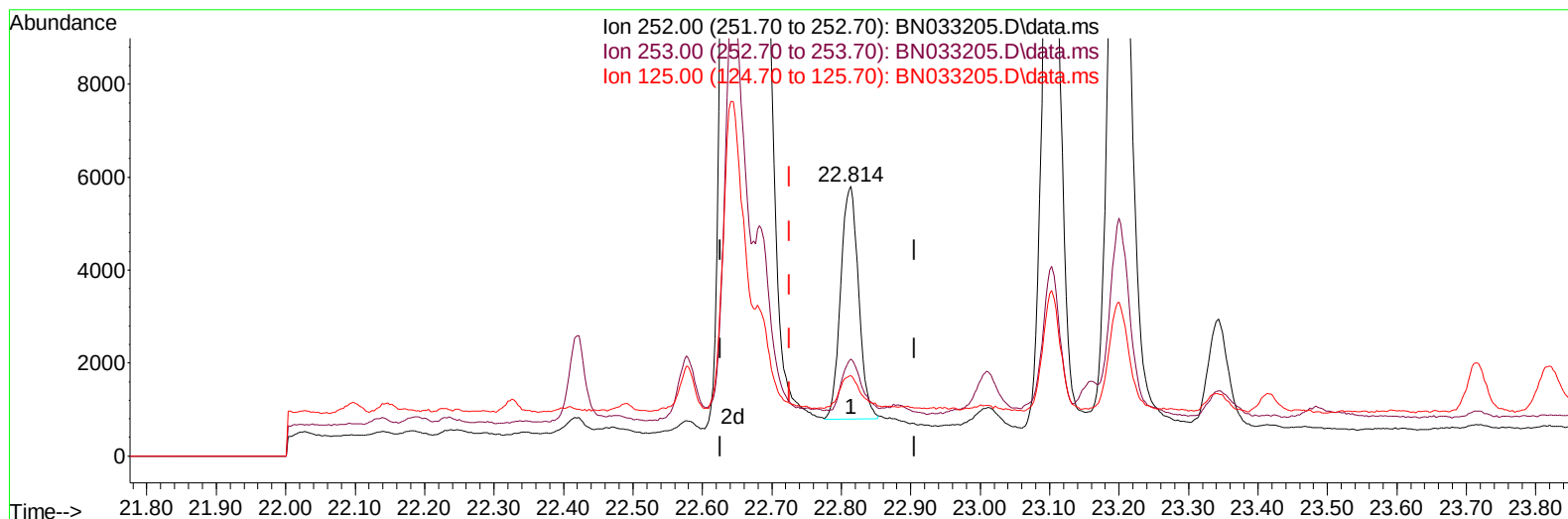
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 Operator : MA/JU
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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
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TIC: BN033205.D\data.ms

(25) Benzo(k)fluoranthene

22.814min (+ 0.088) 0.30 ng/ul

response 8964

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	35.85
125.00	26.10	29.82
0.00	0.00	0.00

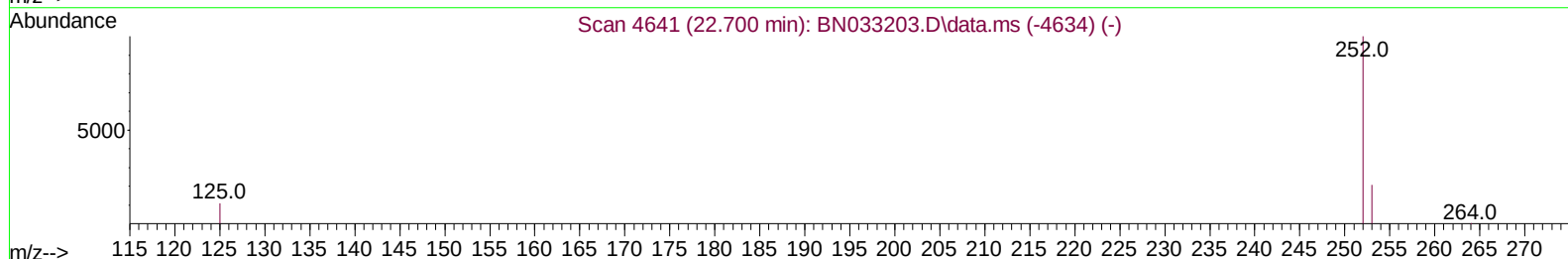
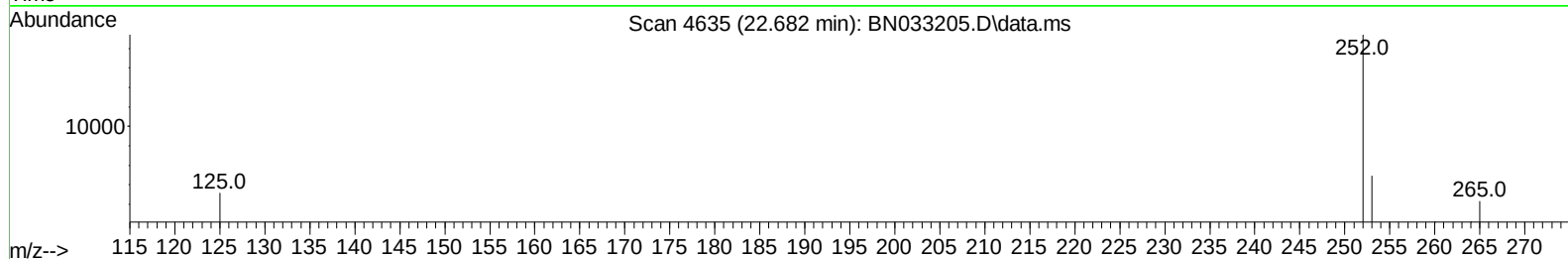
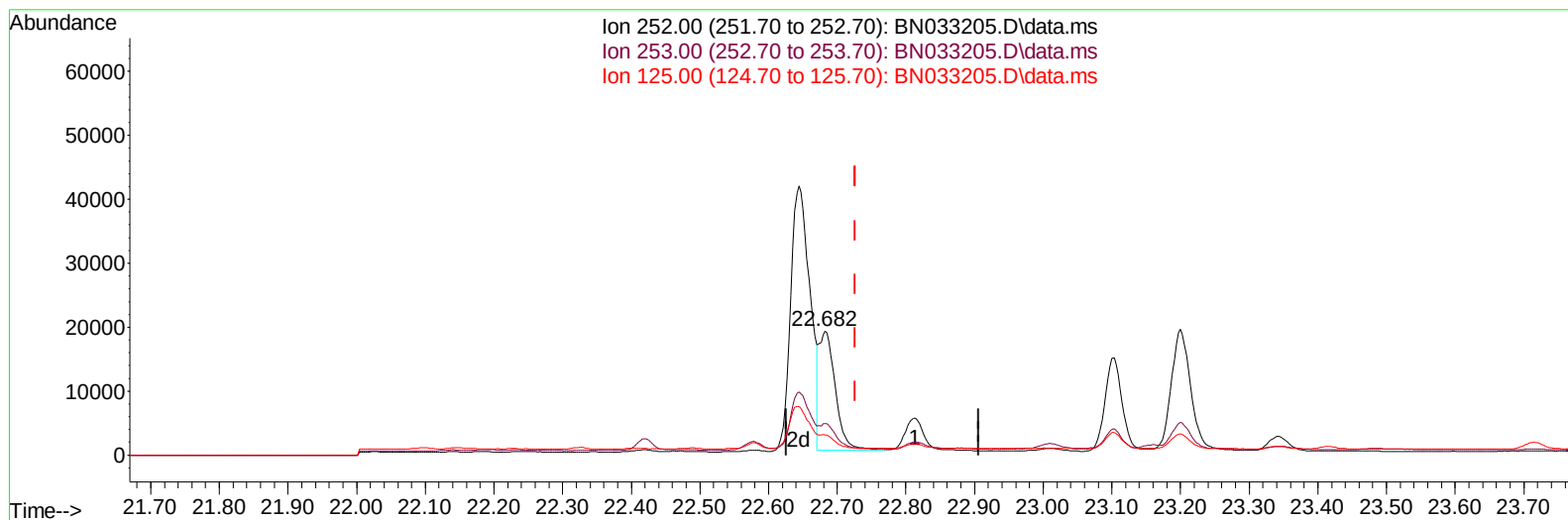
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033205.D
 Acq On : 02 Aug 2024 15:25
 Operator : MA/JU
 Sample : P3265-07DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D40DL

Manual IntegrationsAPPROVED

Quant Time: Aug 02 16:06:25 2024
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 Supervised By :mohammad ahmed 08/03/2024



TIC: BN033205.D\data.ms

(25) Benzo(k)fluoranthene

22.682min (-0.044) 1.02 ng/ul m

response 30234

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	25.51
125.00	26.10	16.27#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033205.D
 Acq On : 02 Aug 2024 15:25
 Operator : MA/JU
 Sample : P3265-07DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D40DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.482	152	2890m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.267	136	8602	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.129	164	4900	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.895	188	9732	0.400	ng/ul	-0.05
17) Chrysene-d12	21.119	240	7481	0.400	ng/ul	#-0.03
23) Perylene-d12	23.296	264	8464m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	1614	0.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.895	152	398	0.028	ng/ul	-0.03
18) Fluoranthene-d10	18.935	212	740	0.035	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.322	128	1914	0.087	ng/ul#	76
7) 2-Methylnaphthalene	11.972	142	698	0.047	ng/ul	95
8) 1-Methylnaphthalene	12.176	142	488	0.030	ng/ul	96
10) Acenaphthylene	13.852	152	4228	0.211	ng/ul	97
11) Acenaphthene	14.194	153	2074	0.137	ng/ul	98
12) Fluorene	15.198	166	2236	0.127	ng/ul#	97
15) Phenanthrene	16.933	178	51357	1.967	ng/ul	98
16) Anthracene	17.034	178	9522	0.406	ng/ul	97
19) Fluoranthene	18.967	202	114431	4.646	ng/ul	95
20) Pyrene	19.334	202	101440	3.840	ng/ul	96
21) Benzo(a)anthracene	21.101	228	44039	1.726	ng/ul	99
22) Chrysene	21.157	228	57268	1.923	ng/ul	99
24) Benzo(b)fluoranthene	22.644	252	81991m	3.316	ng/ul	
25) Benzo(k)fluoranthene	22.682	252	30234m	1.020	ng/ul	
26) Benzo(a)pyrene	23.200	252	37264	1.601	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.473	276	40180	1.136	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.463	278	10839	0.387	ng/ul	95
29) Benzo(g,h,i)perylene	26.151	276	6600	0.235	ng/ul#	87

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

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