

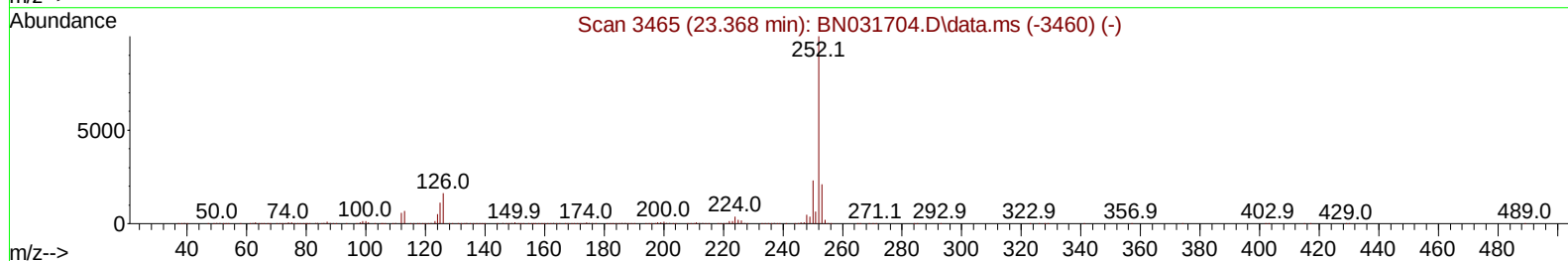
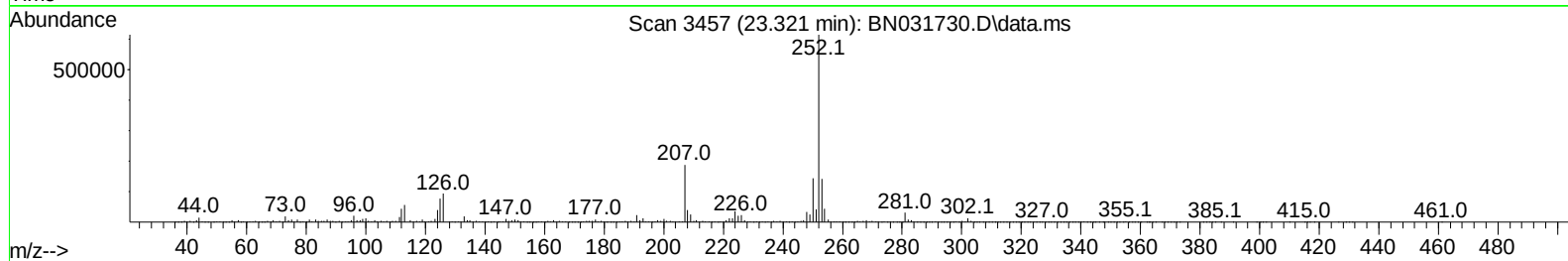
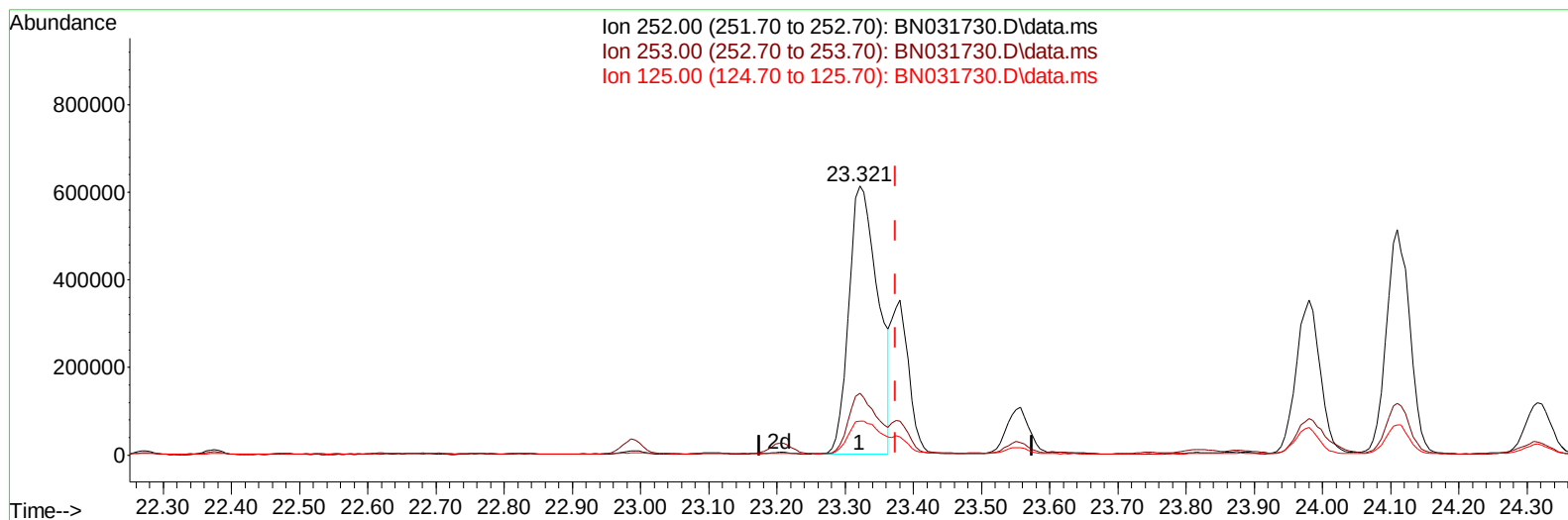
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031730.D
Acq On : 31 May 2024 00:13
Operator : MA/JU
Sample : P2549-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH630

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 00:46:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration



TIC: BN031730.D\data.ms

(91) Benzo(k)fluoranthene

23.321min (-0.053) 17.78 ng/u1

response 1828620

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.08
125.00	11.80	12.68
0.00	0.00	0.00

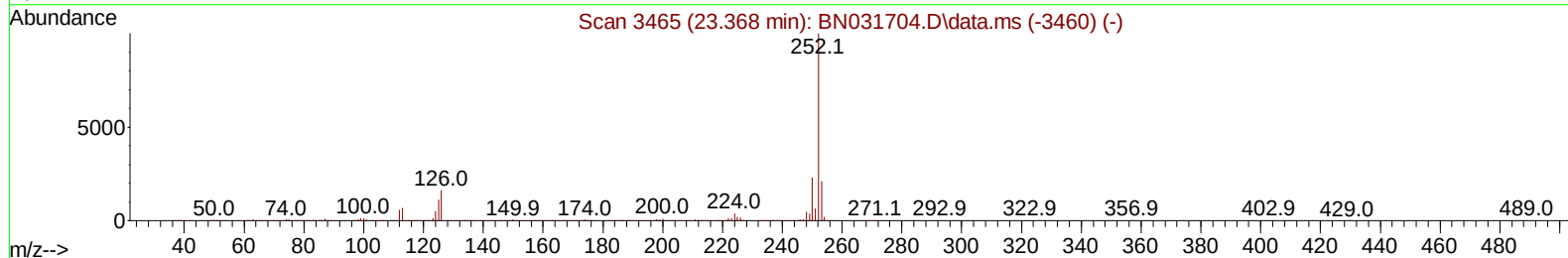
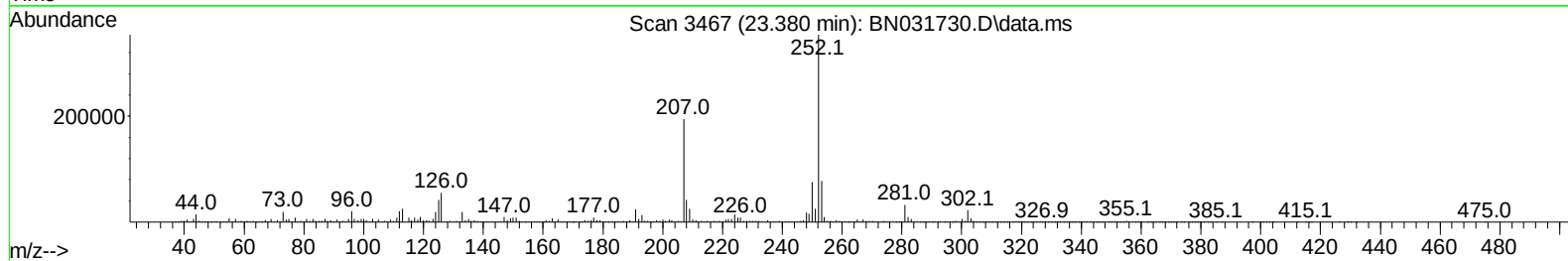
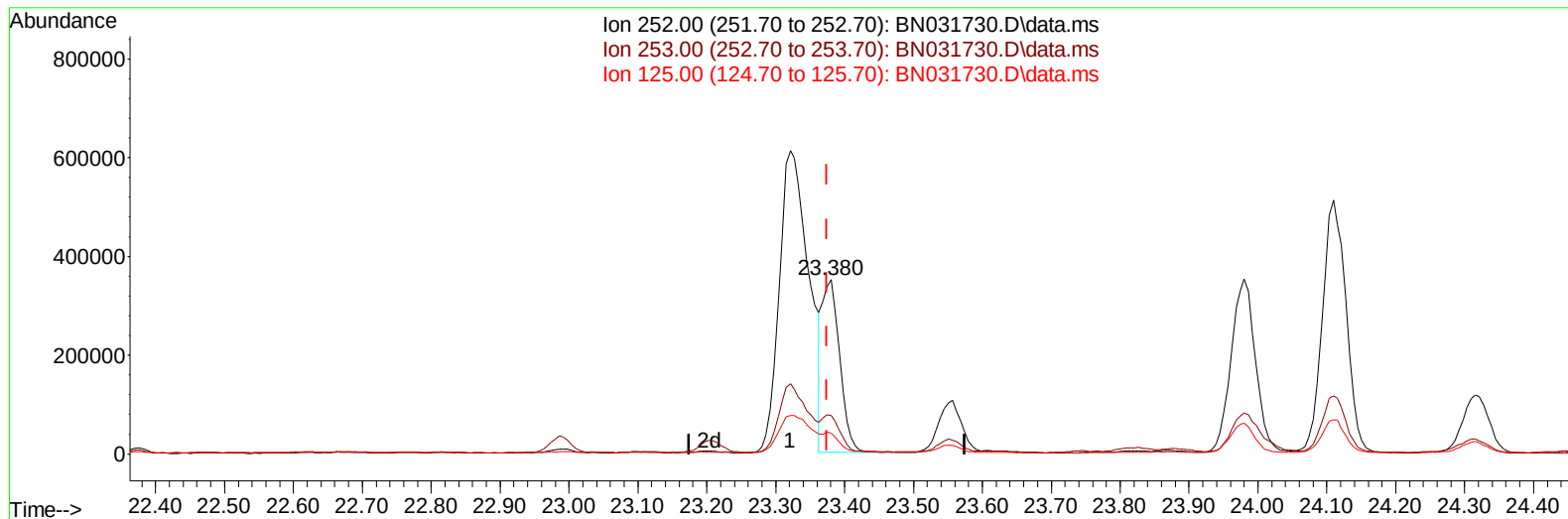
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
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TIC: BN031730.D\data.ms

(91) Benzo(k)fluoranthene

23.380min (+ 0.006) 5.95 ng/u1 m

response 612111

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.02
125.00	11.80	11.83
0.00	0.00	0.00

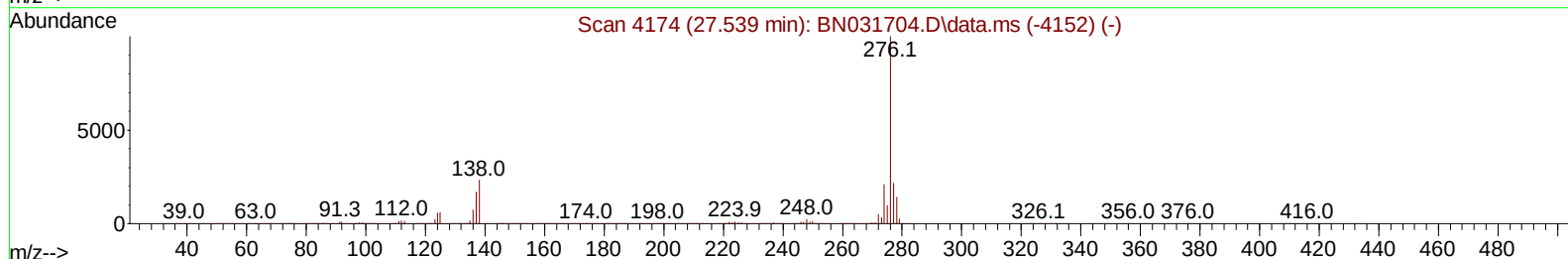
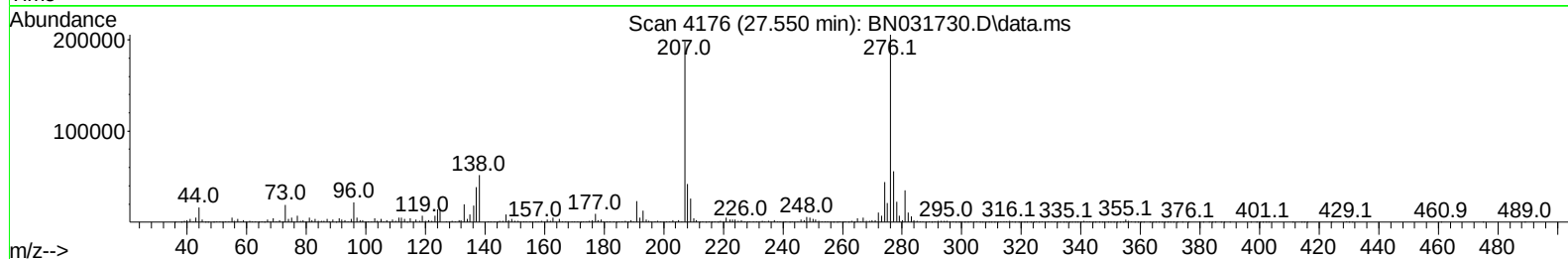
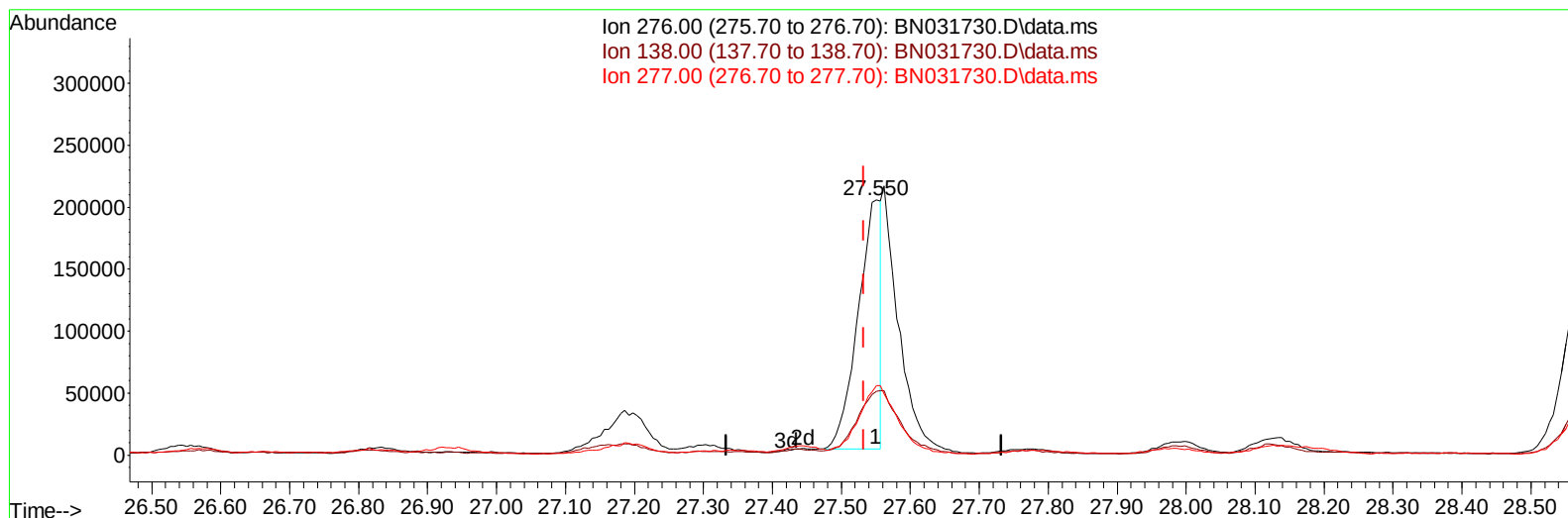
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031730.D
 Acq On : 31 May 2024 00:13
 Operator : MA/JU
 Sample : P2549-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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TIC: BN031730.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.550min (+ 0.017) 4.11 ng/u1

response 465123

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.60	25.04
277.00	22.70	27.32#
0.00	0.00	0.00

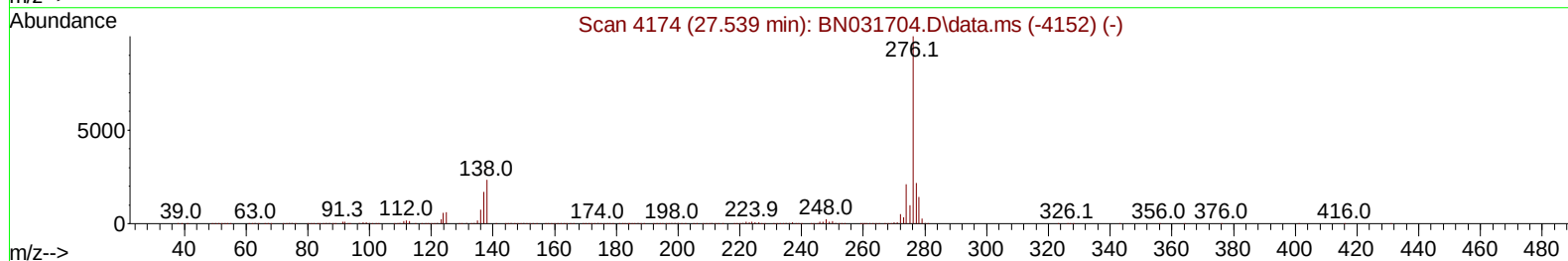
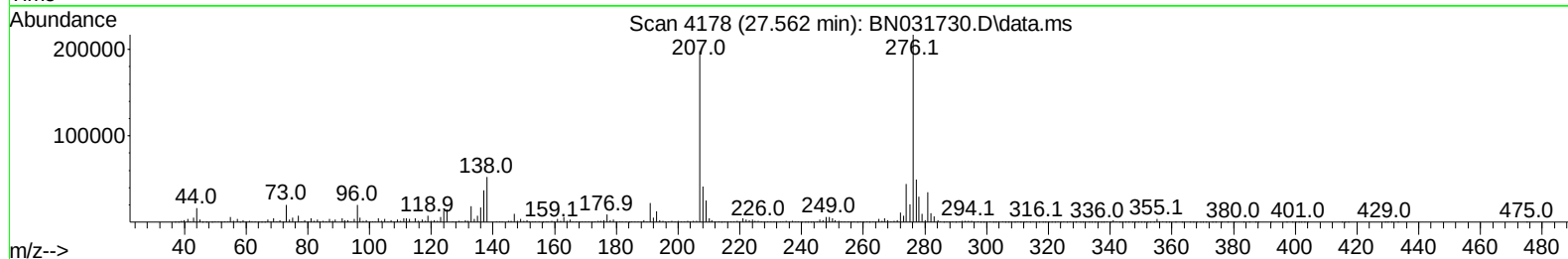
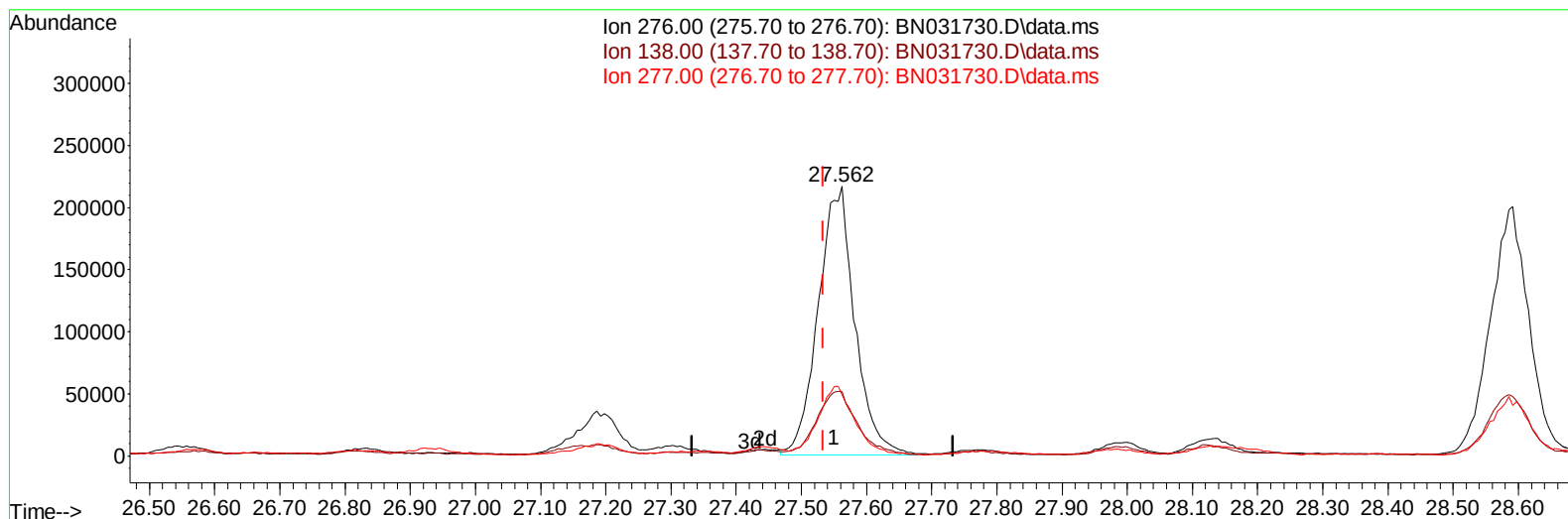
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031730.D
 Acq On : 31 May 2024 00:13
 Operator : MA/JU
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Instrument :
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TIC: BN031730.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.562min (+ 0.029) 7.46 ng/ul m

response 843560

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.60	23.98
277.00	22.70	22.69
0.00	0.00	0.00

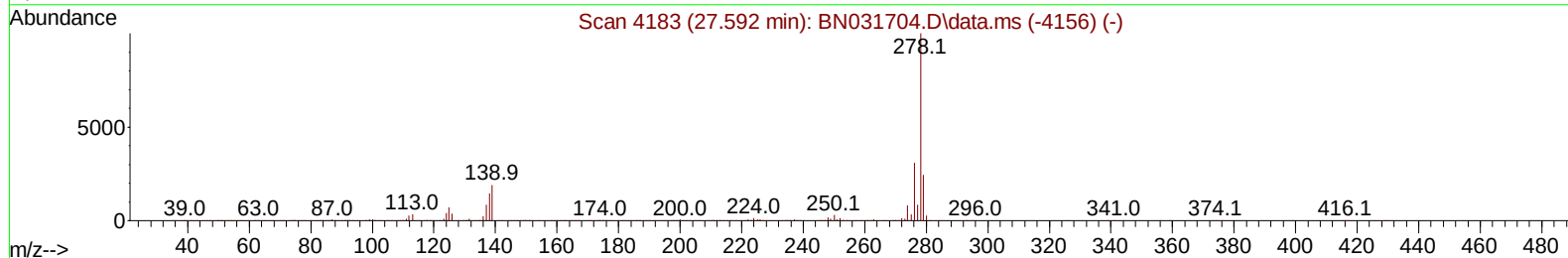
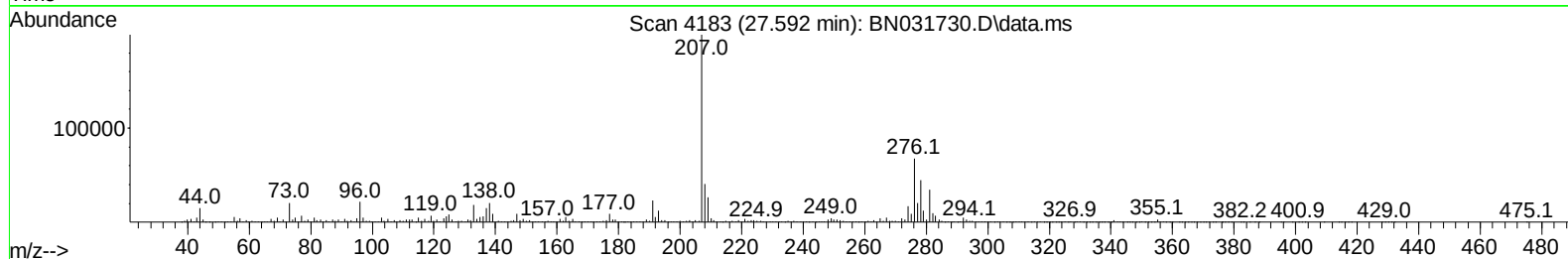
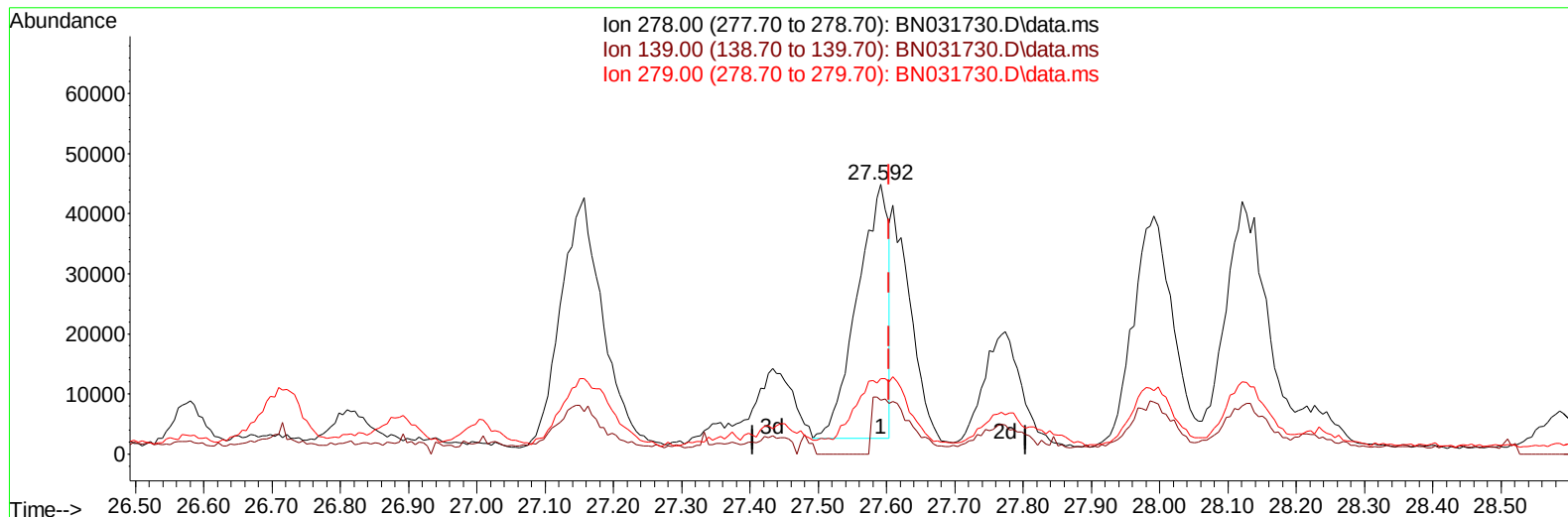
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031730.D
Acq On : 31 May 2024 00:13
Operator : MA/JU
Sample : P2549-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH630

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/01/2024



TIC: BN031730.D\data.ms

(95) Dibenzo(a,h)anthracene

27.592min (-0.012) 1.44 ng/u1

response 133310

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	19.86
279.00	21.70	28.01#
0.00	0.00	0.00

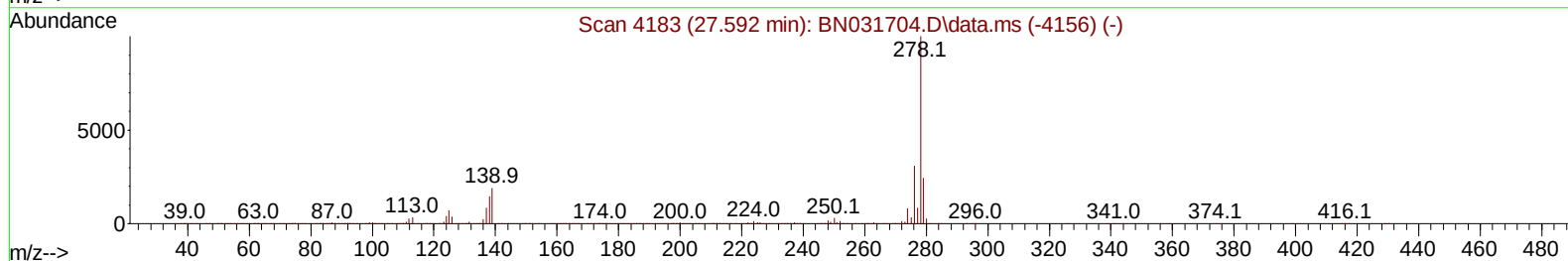
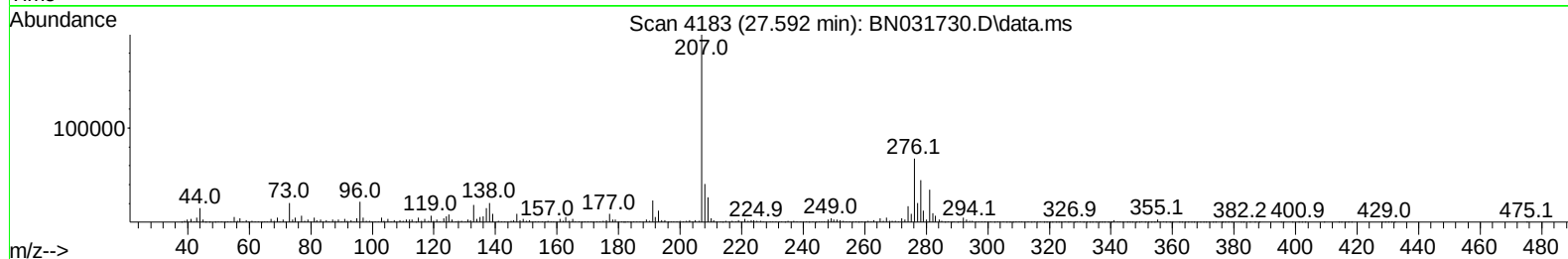
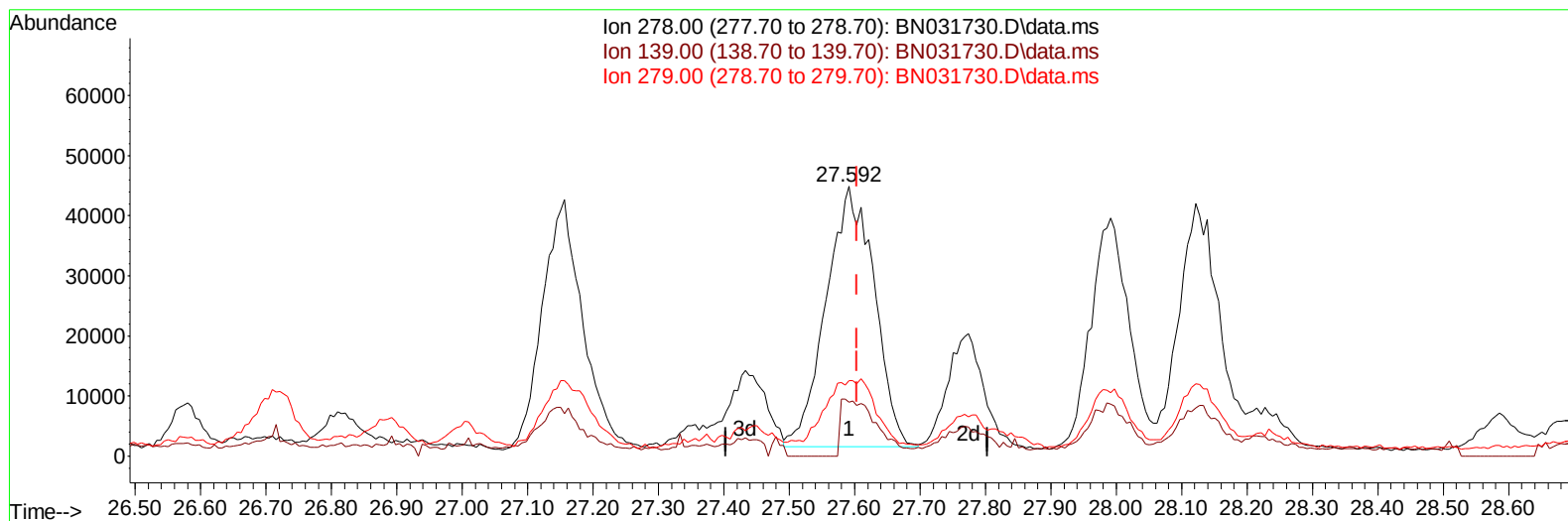
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031730.D
 Acq On : 31 May 2024 00:13
 Operator : MA/JU
 Sample : P2549-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH630

Manual IntegrationsAPPROVED

Quant Time: May 31 00:46:18 2024
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 Supervised By :mohammad ahmed 06/01/2024



TIC: BN031730.D\data.ms

(95) Dibenzo(a,h)anthracene

27.592min (-0.012) 2.40 ng/ul m

response 221265

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	19.86
279.00	21.70	28.01#
0.00	0.00	0.00

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Quant Time: May 31 00:48:09 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152		494301	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136		2207288	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164		1429413	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188		2964377	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240		1956531	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264		1753566	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.193	96		57658	4.826	ng/uL	0.00
4) Pyridine-d5	3.593	84		611233	18.173	ng/ul	0.00
7) Phenol-d5	6.852	99		1147917	27.089	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67		652677	26.332	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132		902379	27.909	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113		875704	25.352	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128		479273	28.398	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143		523429	30.024	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165		908012	27.899	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131		946481	19.586	ng/ul	0.00
46) Dimethylphthalate-d6	13.739	166		2968676	29.812	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160		3367724	29.412	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143		543876	27.278	ng/ul	0.00
60) Fluorene-d10	15.322	176		2503264	29.710	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200		362365	24.319	ng/ul	0.00
73) Anthracene-d10	17.175	188		3757933	29.611	ng/ul	0.00
81) Pyrene-d10	19.469	212		4055124	38.731	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.051	264		2592275	30.959	ng/ul	0.01
Target Compounds							
						Qvalue	
50) Acenaphthylene	14.045	152		195423	1.510	ng/ul	97
72) Phenanthrene	17.116	178		1487425	9.850	ng/ul	98
74) Anthracene	17.204	178		251189	1.642	ng/ul	98
80) Fluoranthene	19.139	202		3627791	28.993	ng/ul	98
82) Pyrene	19.498	202		3415996	26.609	ng/ul	99
83) Butylbenzylphthalate	20.410	149		73541	1.213	ng/ul	86
85) Benzo(a)anthracene	21.292	228		1566805	11.964	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.221	149		312539	3.536	ng/ul	100
87) Chrysene	21.351	228		1635237	13.368	ng/ul	97
90) Benzo(b)fluoranthene	23.321	252		1828620	17.446	ng/ul	96
91) Benzo(k)fluoranthene	23.380	252		612111m	5.951	ng/ul	
93) Benzo(a)pyrene	24.109	252		1224723	12.476	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.562	276		843560m	7.457	ng/ul	
95) Dibenzo(a,h)anthracene	27.592	278		221265m	2.396	ng/ul	
96) Benzo(g,h,i)perylene	28.592	276		819170	9.110	ng/ul	96

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

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