

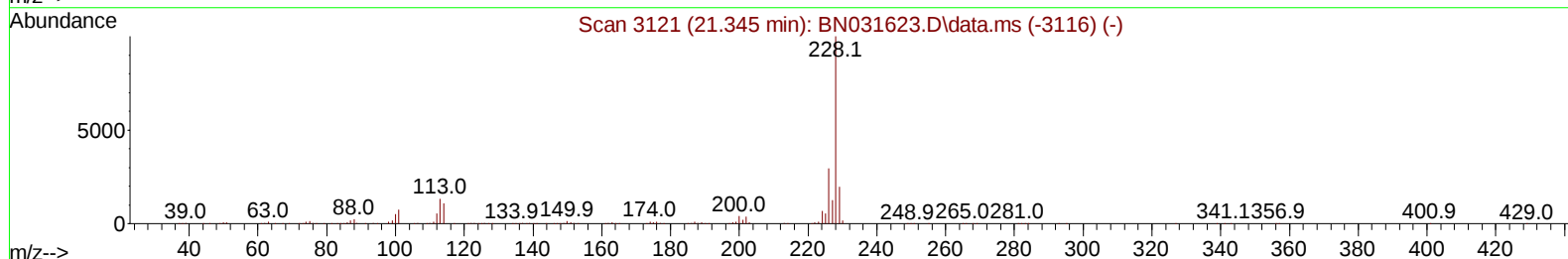
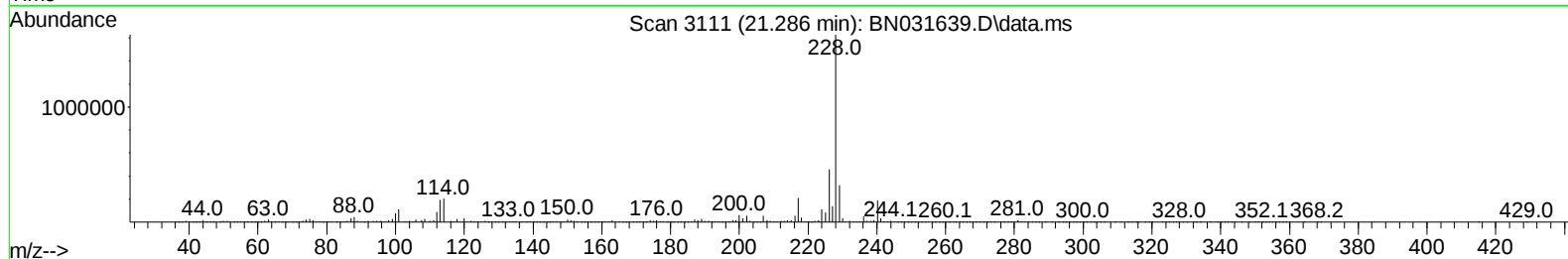
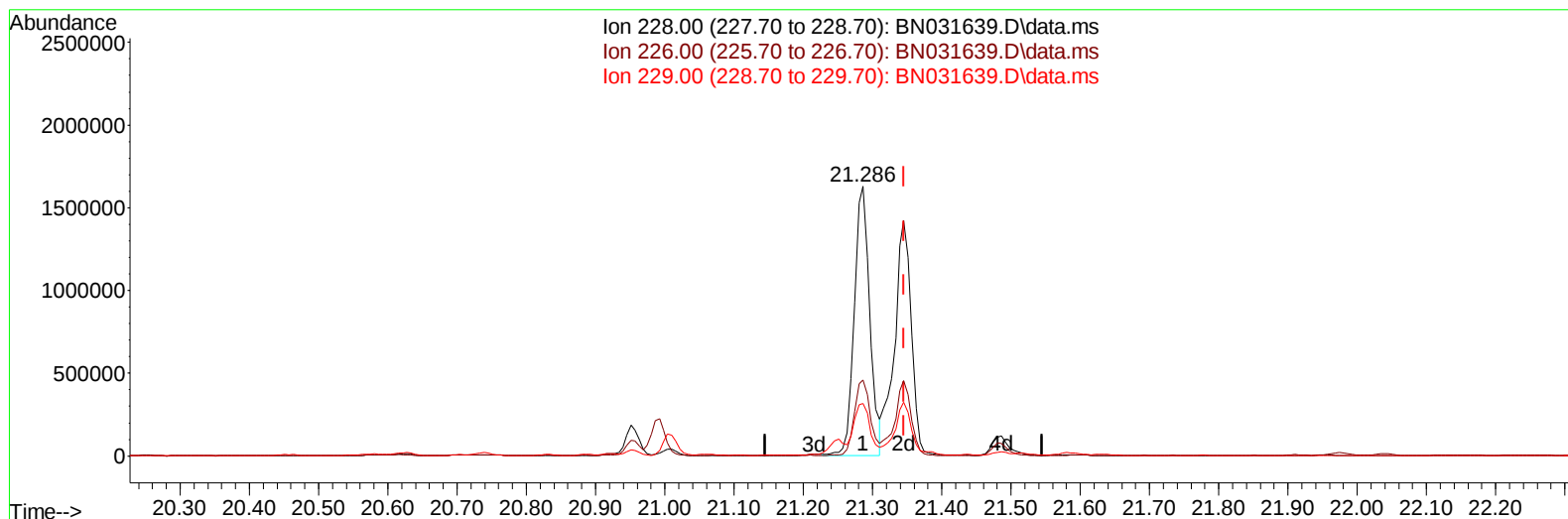
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031639.D
 Acq On : 23 May 2024 19:33
 Operator : MA/JU
 Sample : P2547-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5X3

Manual IntegrationsAPPROVED

Quant Time: May 23 22:53:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024



TIC: BN031639.D\data.ms

(87) Chrysene

21.286min (-0.059) 35.68 ng/u1

response 2515010

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	28.60	28.17
229.00	19.00	19.56
0.00	0.00	0.00

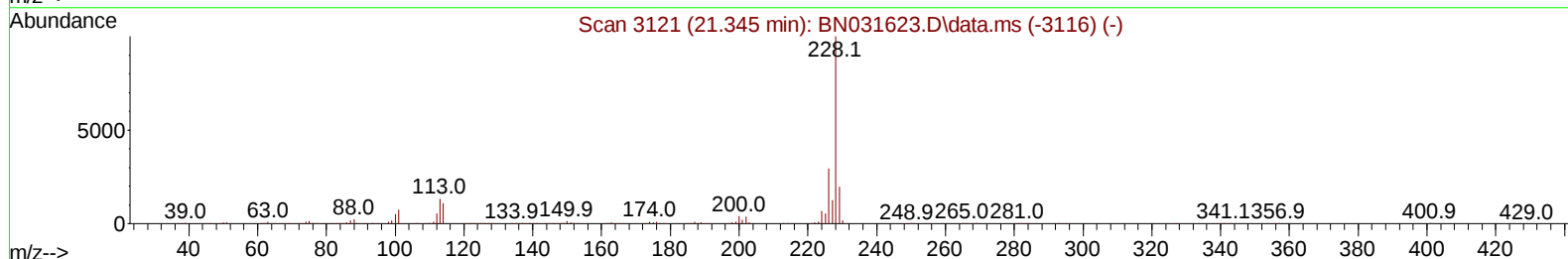
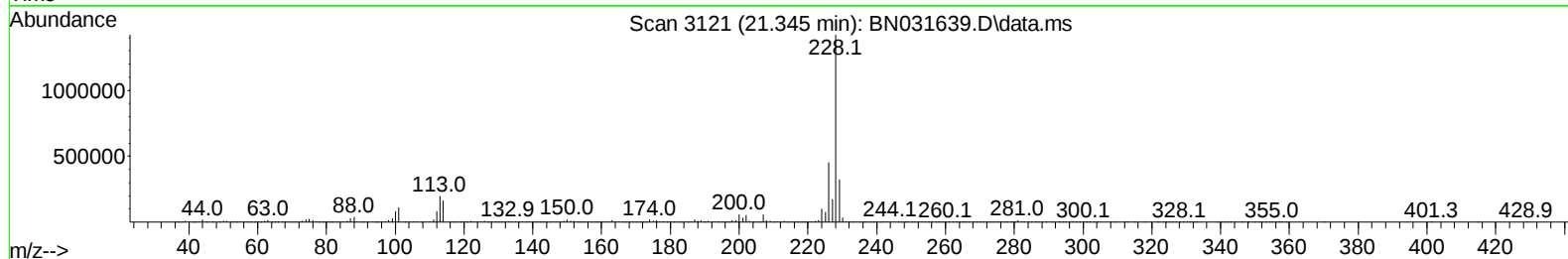
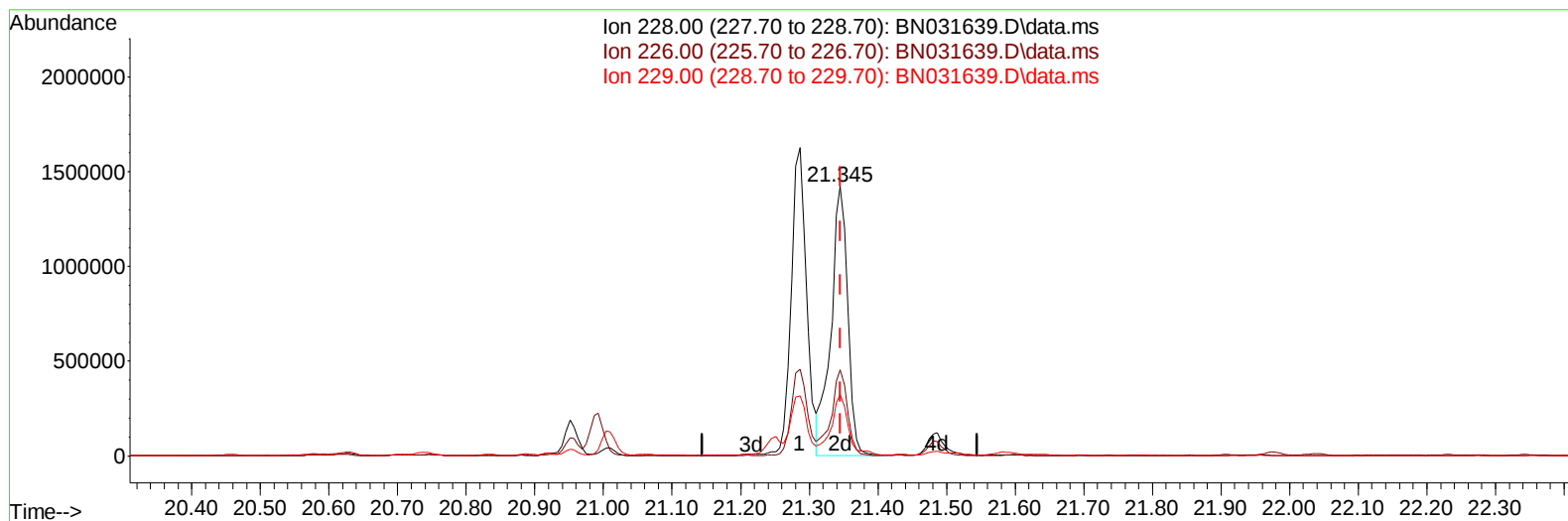
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 05/25/2024



TIC: BN031639.D\data.ms

(87) Chrysene

21.345min (+ 0.000) 34.45 ng/ul m

response 2428386

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	28.60	31.94
229.00	19.00	22.86#
0.00	0.00	0.00

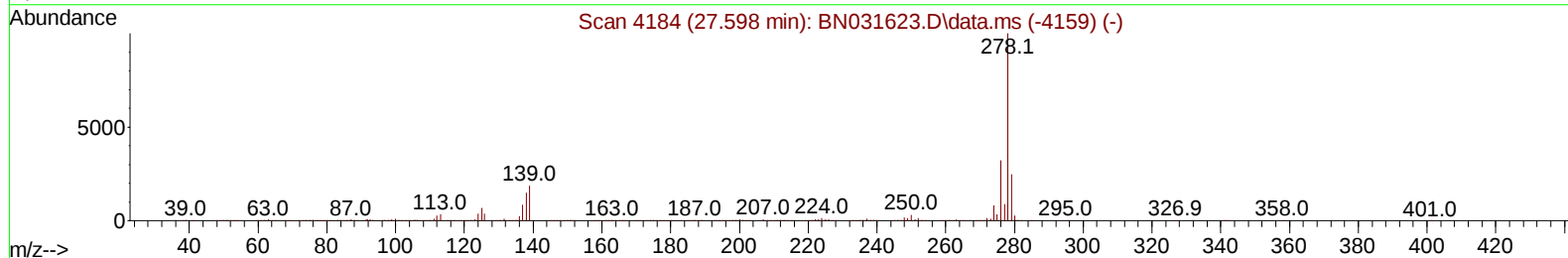
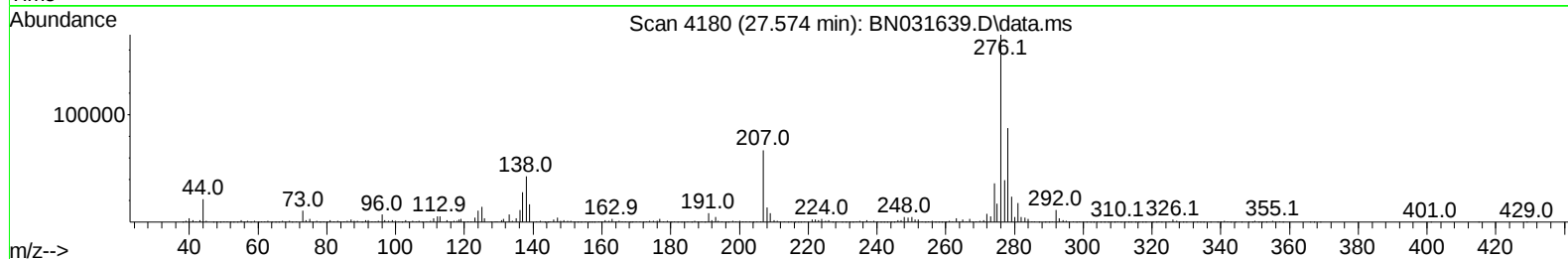
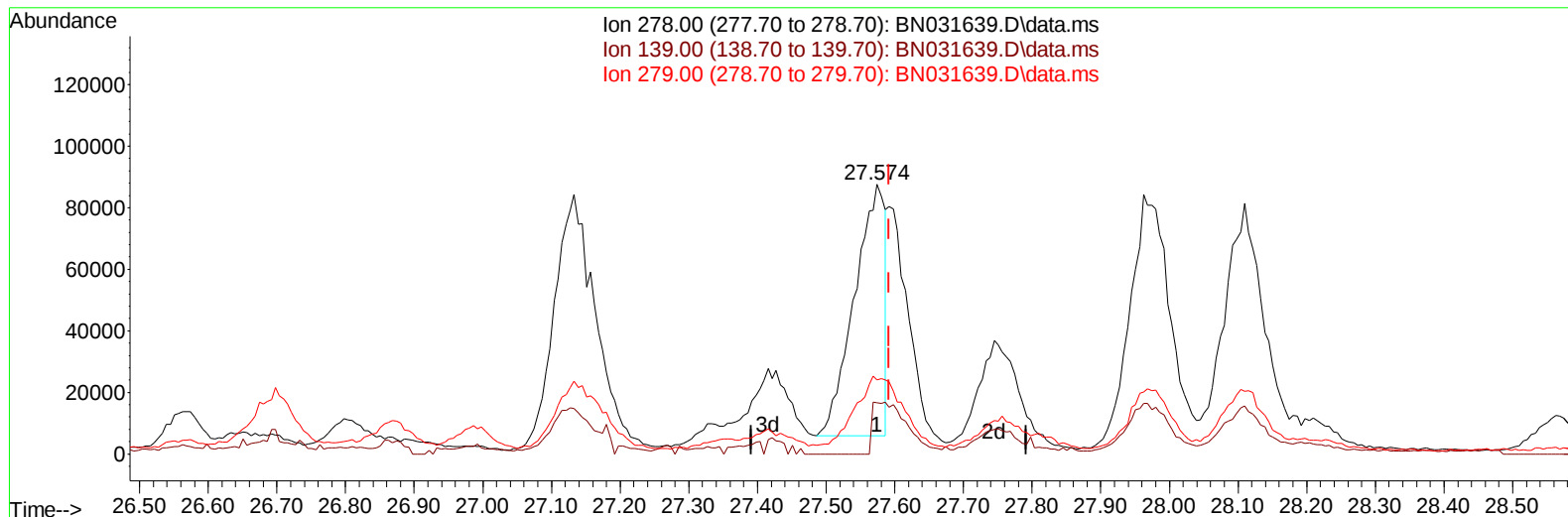
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5X3

Manual IntegrationsAPPROVED

Quant Time: May 23 23:30:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
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Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



TIC: BN031639.D\data.ms

(95) Dibenzo(a,h)anthracene

27.574min (-0.017) 3.39 ng/u1

response 252943

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.00	18.93
279.00	23.00	27.50
0.00	0.00	0.00

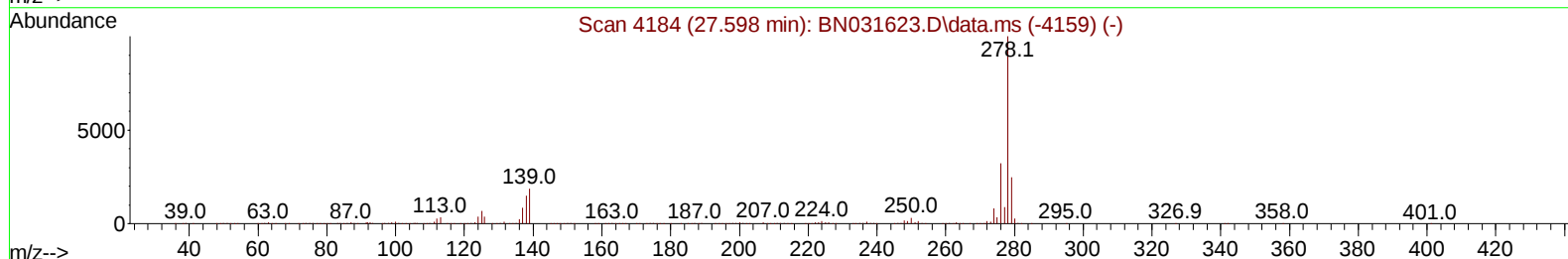
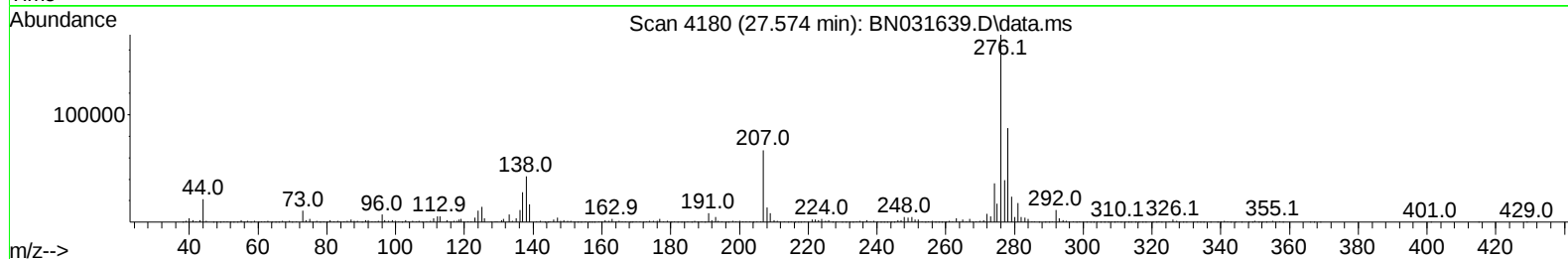
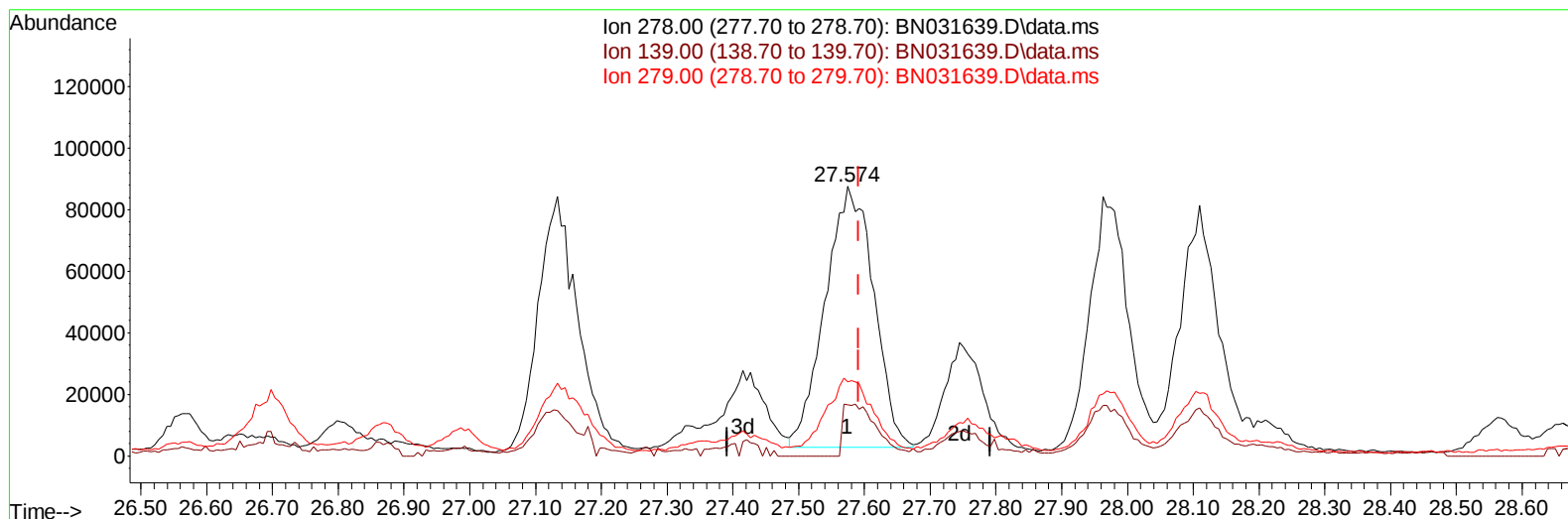
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 05/25/2024



TIC: BN031639.D\data.ms

(95) Dibenzo(a,h)anthracene

27.574min (-0.017) 5.82 ng/u1 m

response 434323

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.00	18.93
279.00	23.00	27.50
0.00	0.00	0.00

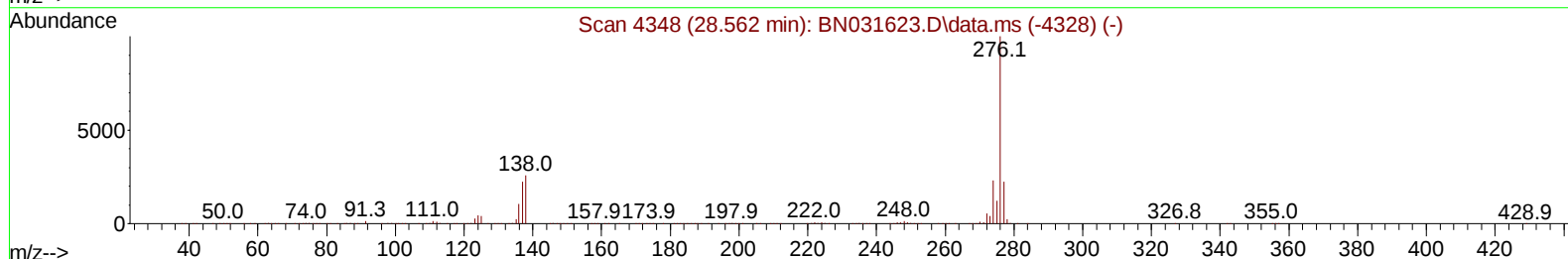
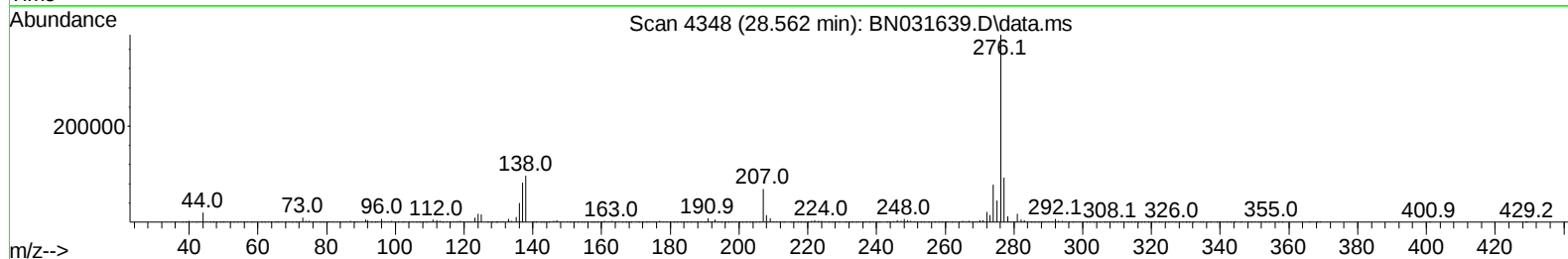
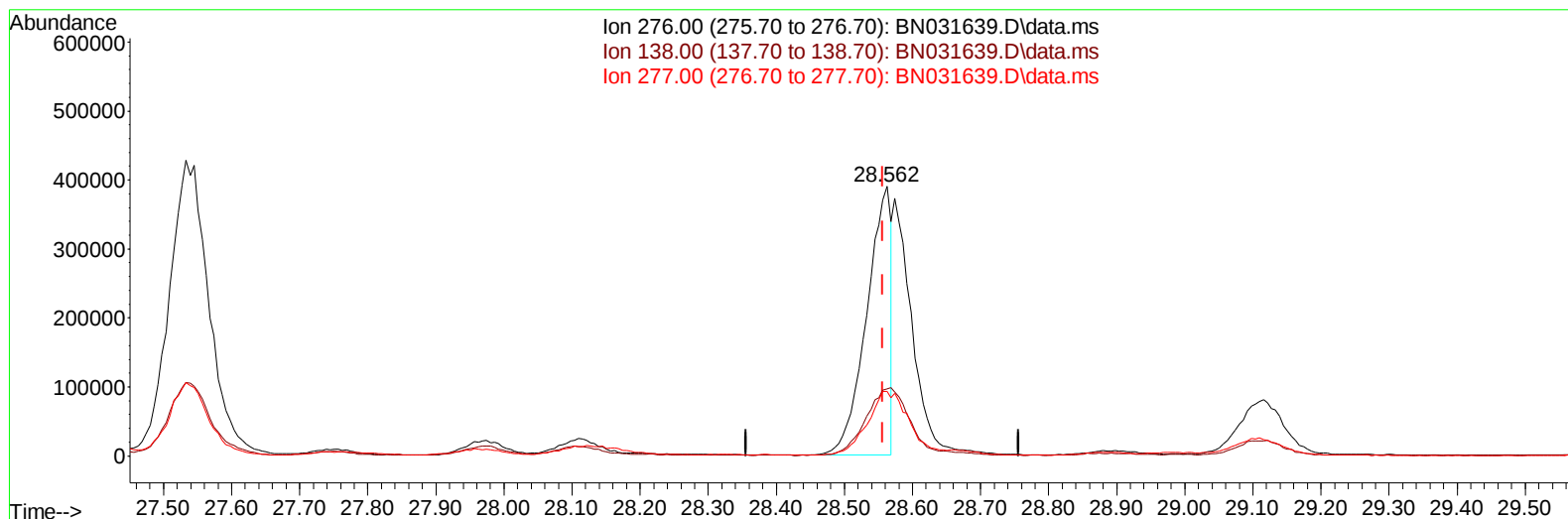
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Data File : BN031639.D
Acq On : 23 May 2024 19:33
Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5X3

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
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Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



TIC: BN031639.D\data.ms

(96) Benzo(g,h,i)perylene

28.562min (+ 0.006) 13.04 ng/u1

response 976143

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	24.88
277.00	22.00	23.91
0.00	0.00	0.00

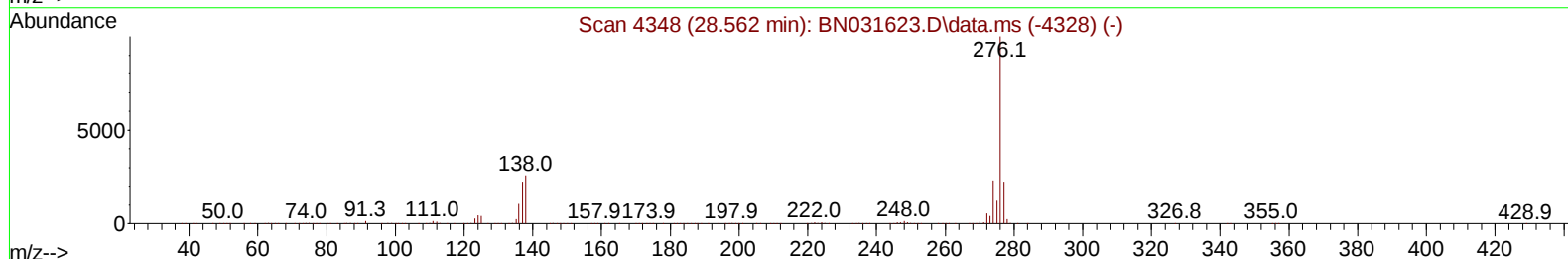
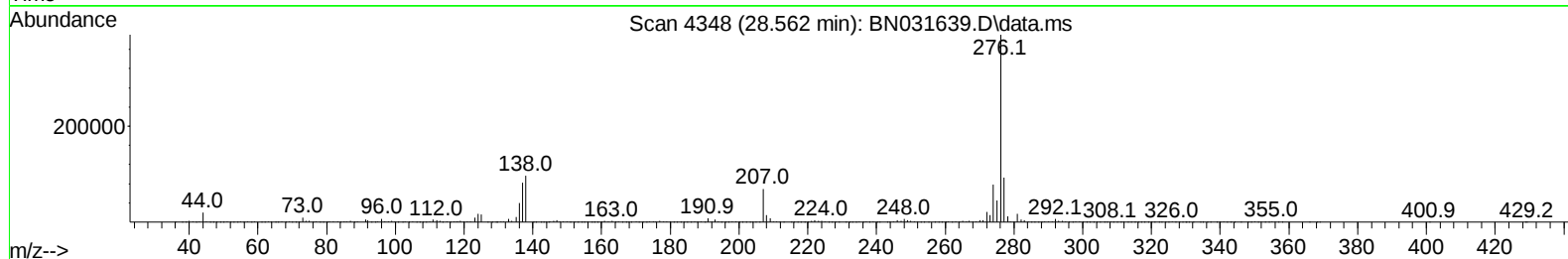
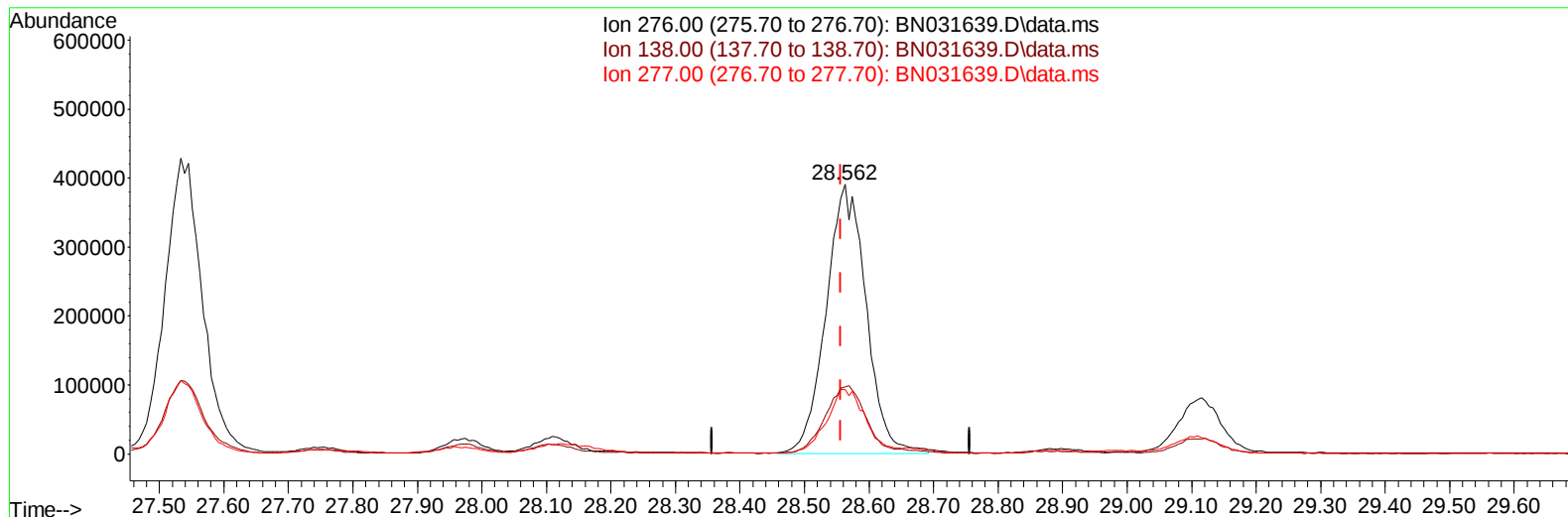
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Data File : BN031639.D
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Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5X3

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 05/25/2024



TIC: BN031639.D\data.ms

(96) Benzo(g,h,i)perylene

28.562min (+ 0.006) 22.53 ng/ul m

response 1687076

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	24.88
277.00	22.00	23.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
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 Operator : MA/JU
 Sample : P2547-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5X3

Manual IntegrationsAPPROVED

Quant Time: May 23 23:31:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/24/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	437267	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	1822232	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1032608	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1744255	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1134674	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	1347044	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	32095	2.909	ng/uL	0.00
4) Pyridine-d5	3.605	84	333069	10.819	ng/ul	0.00
7) Phenol-d5	6.852	99	635321	17.650	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	388246	17.984	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	495031	17.848	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	426649	15.311	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	241443	17.507	ng/ul	0.00
24) 2-Nitrophenol-d4	9.558	143	225719	17.140	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	460245	17.874	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	443508	11.949	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1352250	20.780	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	1597116	19.582	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	132425	10.755	ng/ul	0.00
60) Fluorene-d10	15.322	176	1123081	19.914	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	84720	11.234	ng/ul	0.00
73) Anthracene-d10	17.169	188	1489792	20.176	ng/ul	0.00
81) Pyrene-d10	19.469	212	1396626	19.623	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	1366719	21.555	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.511	105	52883	1.217	ng/ul	97
30) Naphthalene	10.522	128	106343	1.134	ng/ul	99
50) Acenaphthylene	14.046	152	129261	1.373	ng/ul	97
52) Acenaphthene	14.393	153	212560	3.484	ng/ul	93
56) Dibenzofuran	14.728	168	176227	2.164	ng/ul	98
61) Fluorene	15.375	166	203795	3.195	ng/ul	99
72) Phenanthrene	17.116	178	4309542	48.684	ng/ul	99
74) Anthracene	17.204	178	836744	9.421	ng/ul	98
77) Carbazole	17.475	167	429869	5.672	ng/ul	97
80) Fluoranthene	19.134	202	6002815	68.234	ng/ul	99
82) Pyrene	19.498	202	4956964	54.943	ng/ul	98
83) Butylbenzylphthalate	20.404	149	75571	2.468	ng/ul	98
85) Benzo(a)anthracene	21.286	228	2515213	32.964	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	259865	6.198	ng/ul	99
87) Chrysene	21.345	228	2428386m	34.454	ng/ul	
90) Benzo(b)fluoranthene	23.316	252	3271398	41.617	ng/ul	97
91) Benzo(k)fluoranthene	23.363	252	1176154	14.678	ng/ul	97
93) Benzo(a)pyrene	24.098	252	2394147	31.707	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.533	276	1705488	18.819	ng/ul	98
95) Dibenzo(a,h)anthracene	27.574	278	434323m	5.820	ng/ul	
96) Benzo(g,h,i)perylene	28.562	276	1687076m	22.532	ng/ul	

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
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