

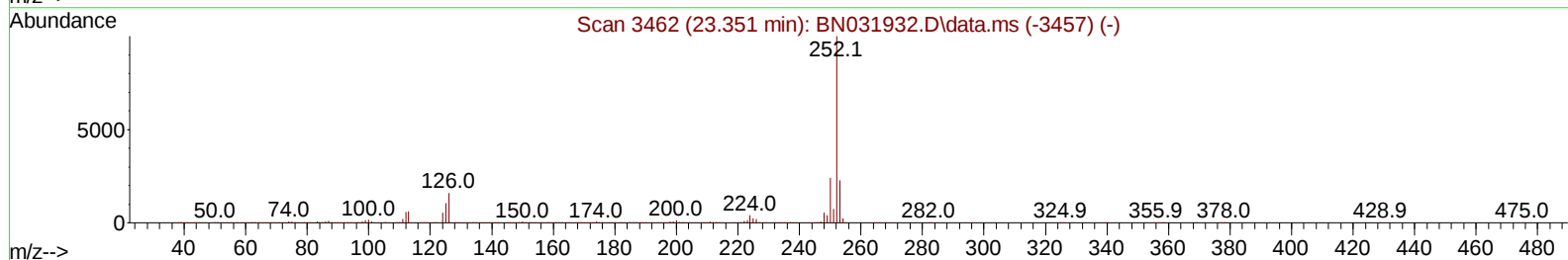
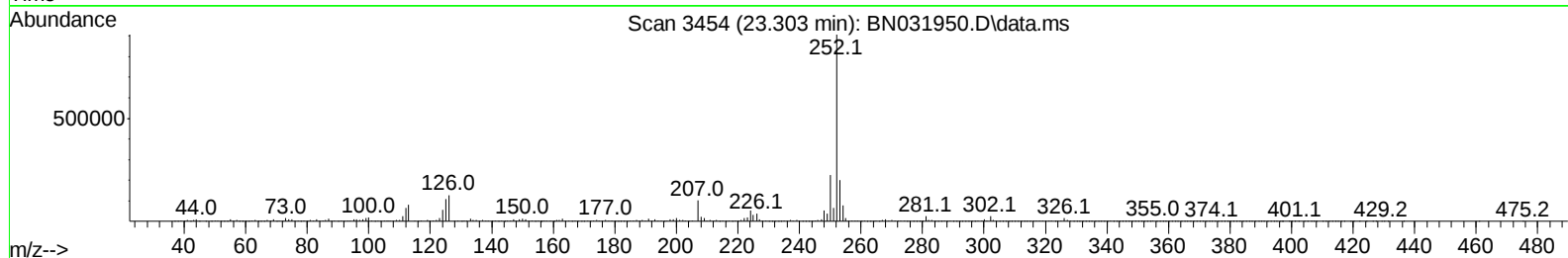
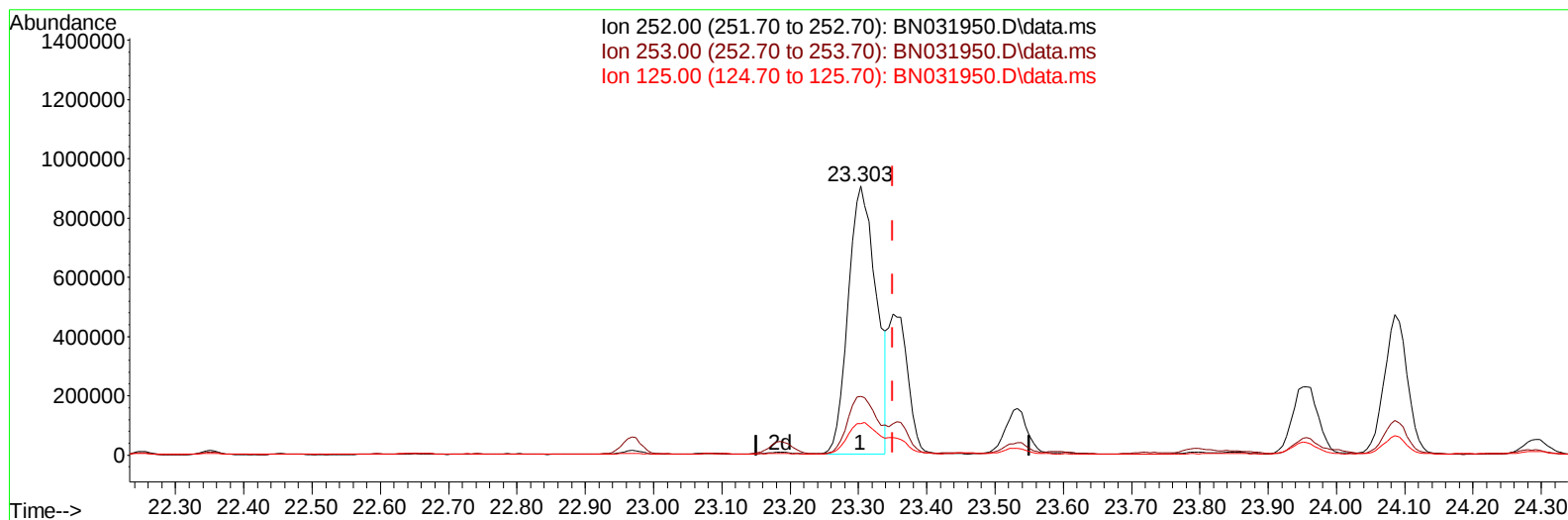
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031950.D
Acq On : 12 Jun 2024 20:38
Operator : MA/JU
Sample : P2678-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH672

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 12 22:54:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration



TIC: BN031950.D\data.ms

(91) Benzo(k)fluoranthene

23.303min (-0.047) 27.15 ng/u1

response 2591398

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	21.93
125.00	11.80	11.79
0.00	0.00	0.00

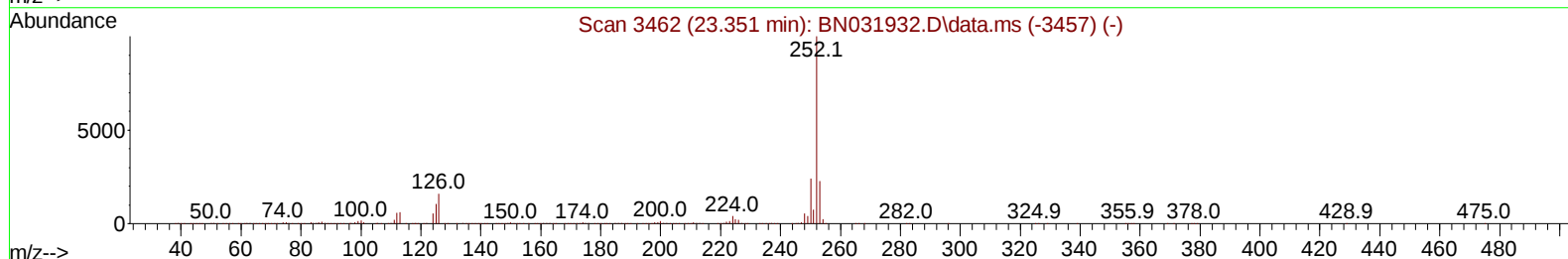
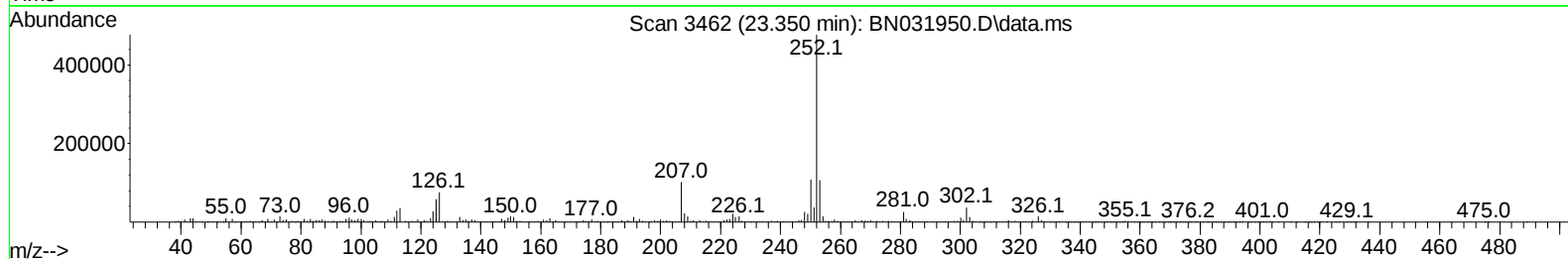
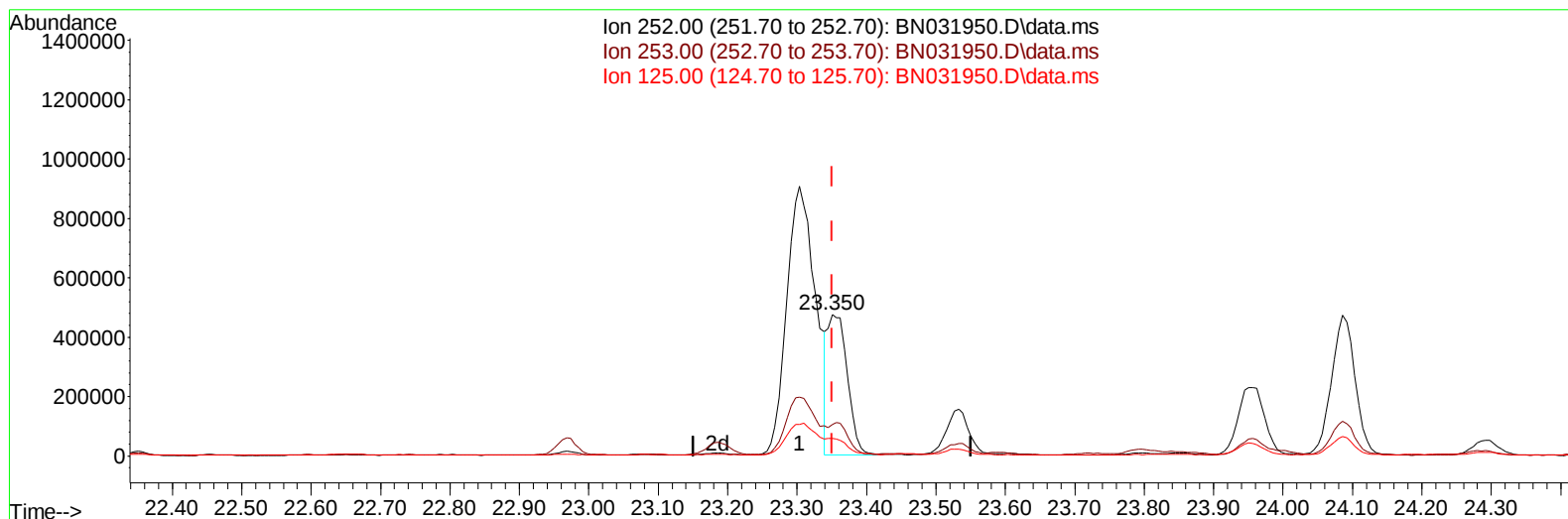
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031950.D
Acq On : 12 Jun 2024 20:38
Operator : MA/JU
Sample : P2678-01
Misc :
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Instrument :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration



TIC: BN031950.D\data.ms

(91) Benzo(k)fluoranthene

23.350min (-0.000) 9.81 ng/u1 m

response 936904

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.33
125.00	11.80	12.18
0.00	0.00	0.00

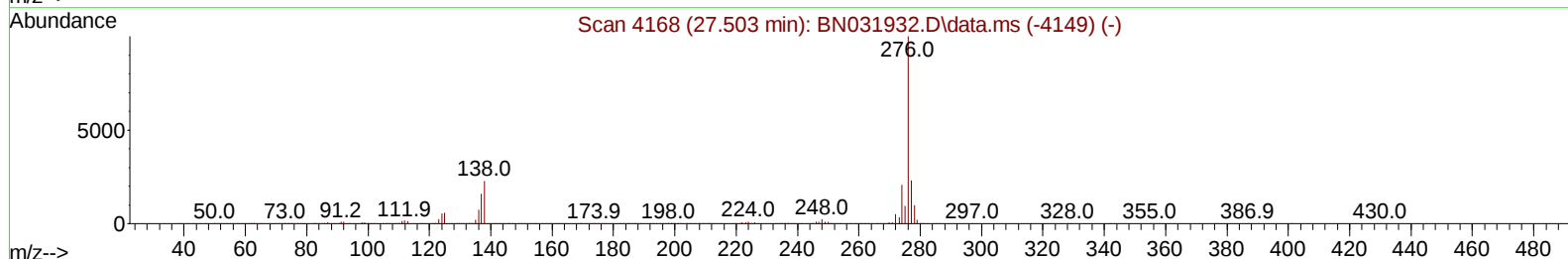
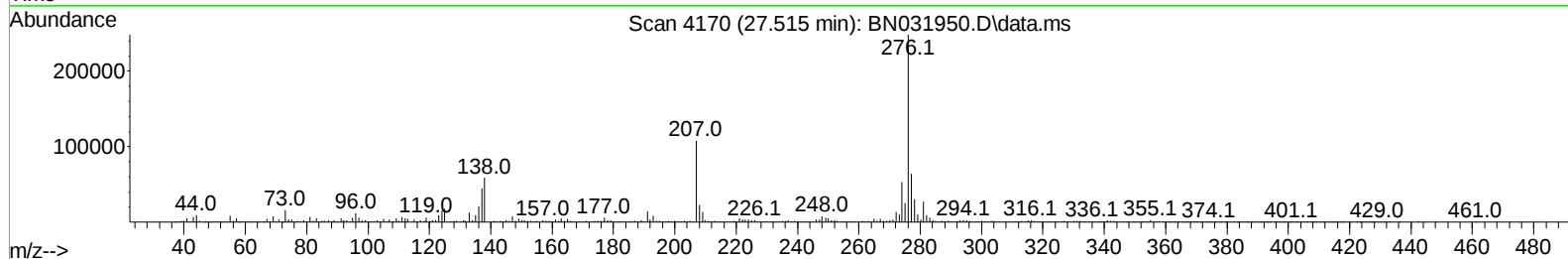
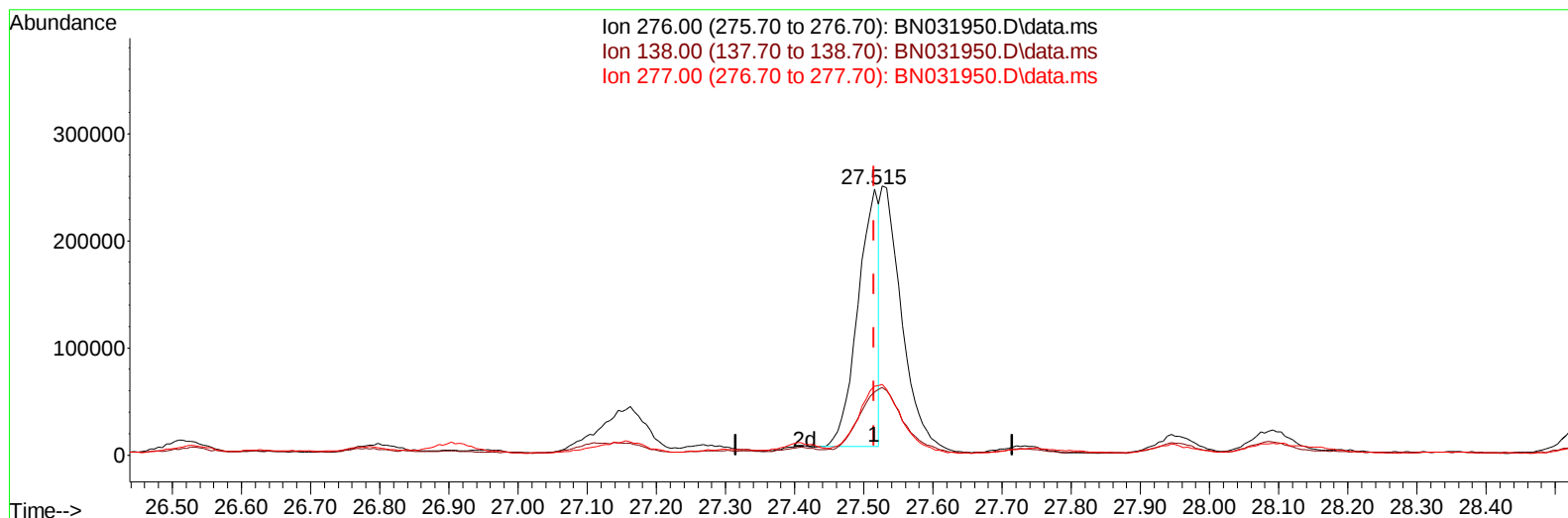
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Instrument :
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ClientSampleId :
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Supervised By :mohammad ahmed 06/14/2024



TIC: BN031950.D\data.ms

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

27.515min (-0.000) 4.84 ng/u1

response 508098

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.60	23.72
277.00	22.70	25.98
0.00	0.00	0.00

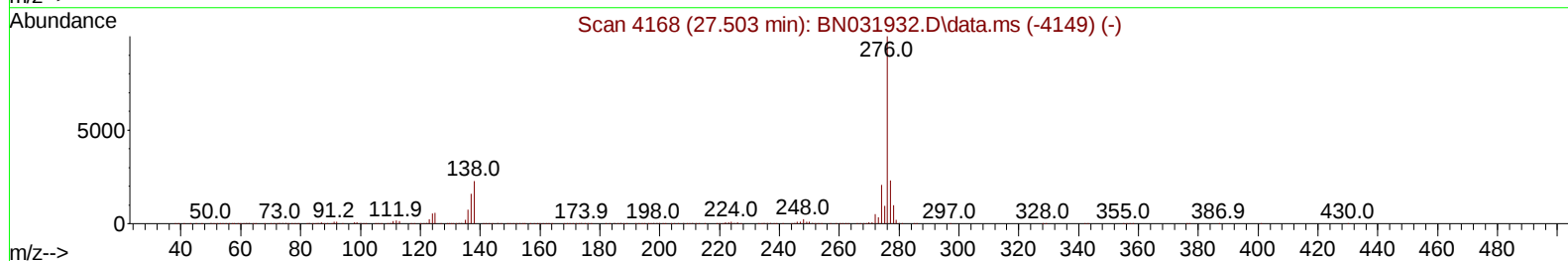
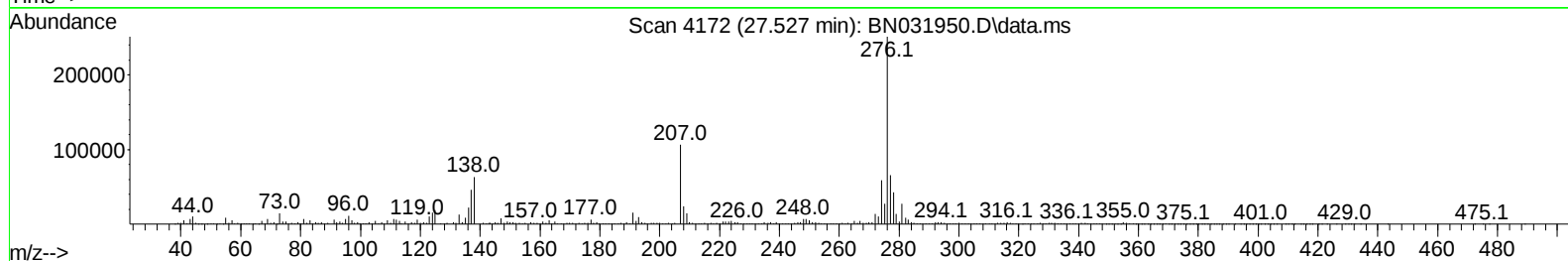
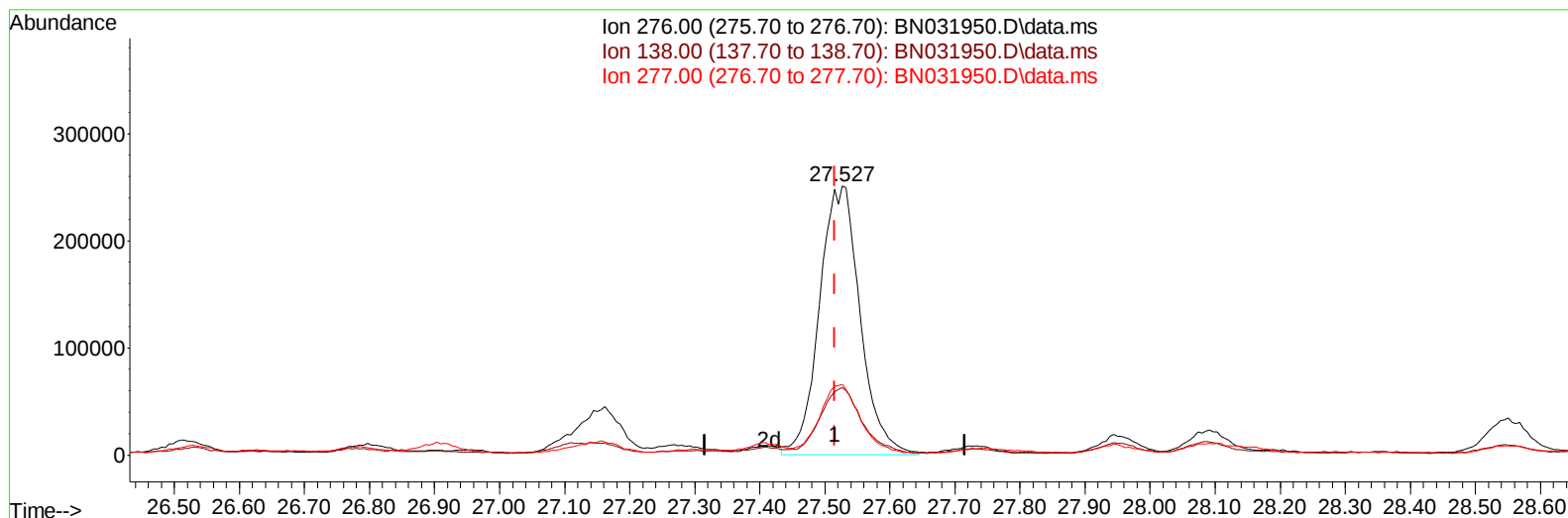
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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 Sample : P2678-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH672

Manual IntegrationsAPPROVED

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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
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 Supervised By :mohammad ahmed 06/14/2024



TIC: BN031950.D\data.ms

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

27.527min (+ 0.012) 10.40 ng/ul m

response 1092150

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.60	25.18
277.00	22.70	26.31
0.00	0.00	0.00

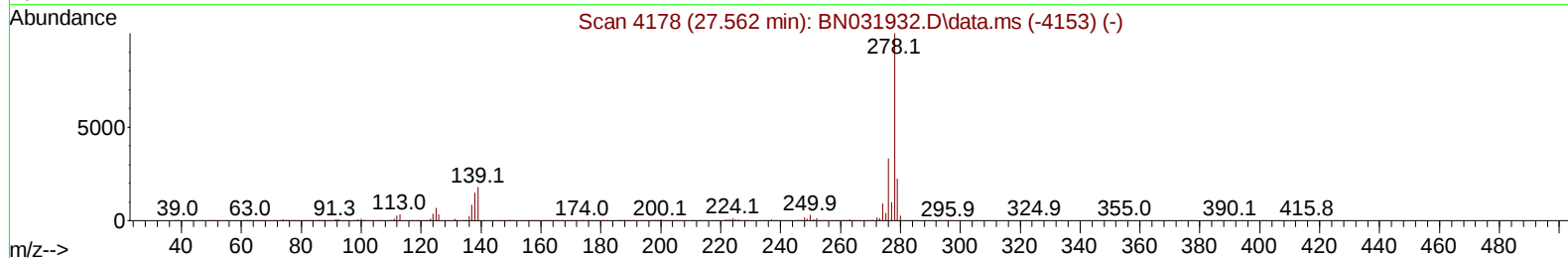
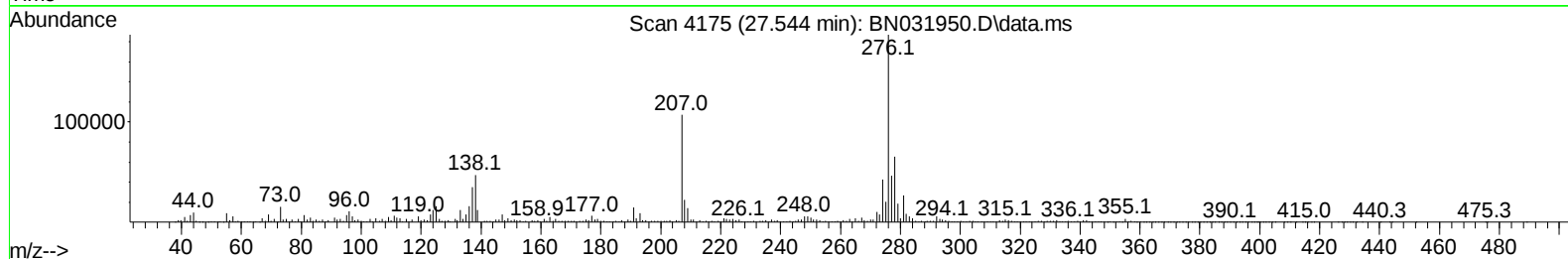
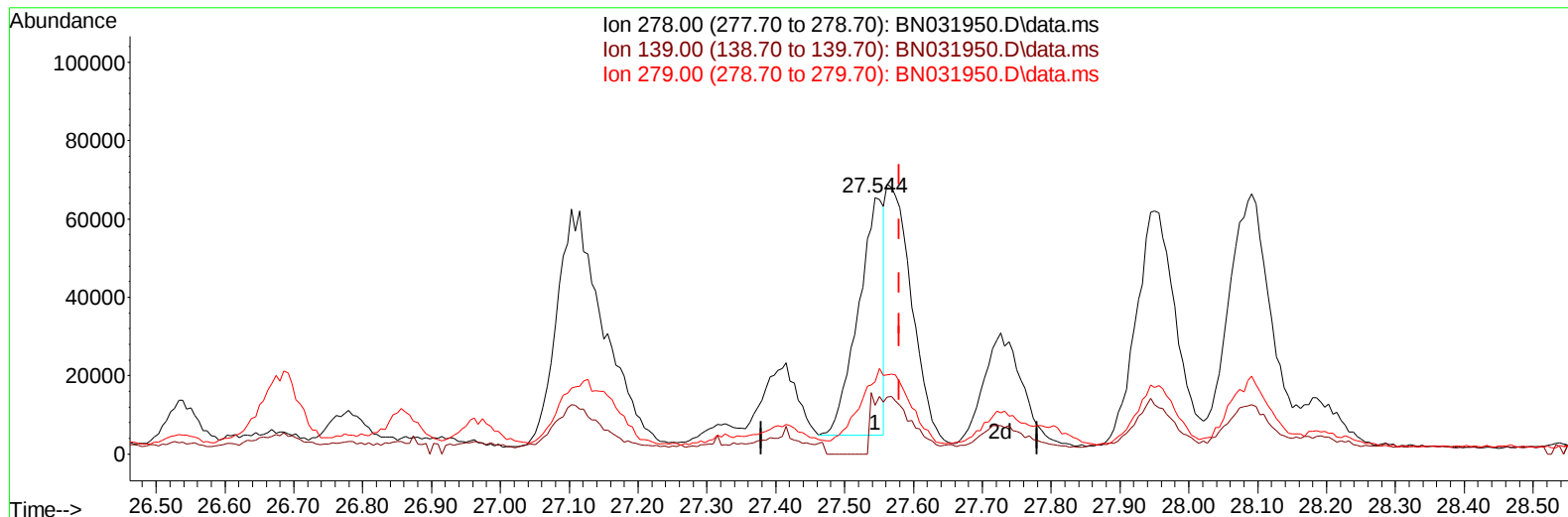
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031950.D
Acq On : 12 Jun 2024 20:38
Operator : MA/JU
Sample : P2678-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH672

Manual IntegrationsAPPROVED

Quant Time: Jun 12 23:38:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



TIC: BN031950.D\data.ms

(95) Dibenzo(a,h)anthracene

27.544min (-0.036) 1.82 ng/u1

response 156207

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	19.05
279.00	21.70	28.09#
0.00	0.00	0.00

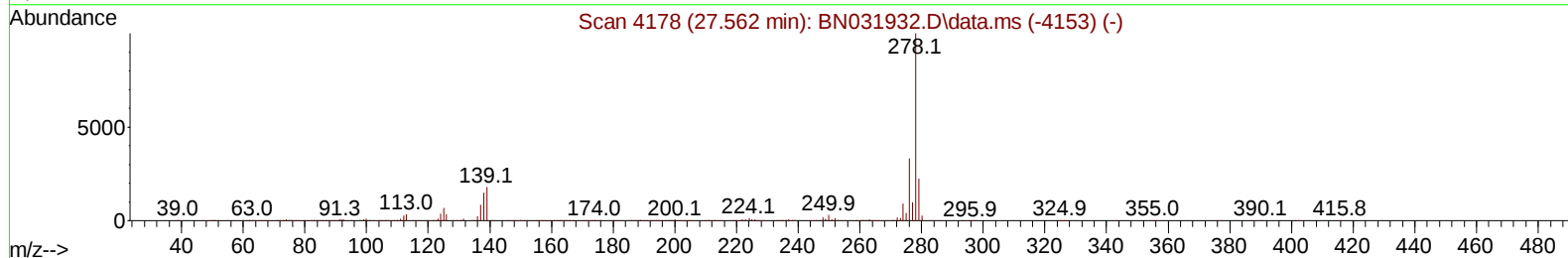
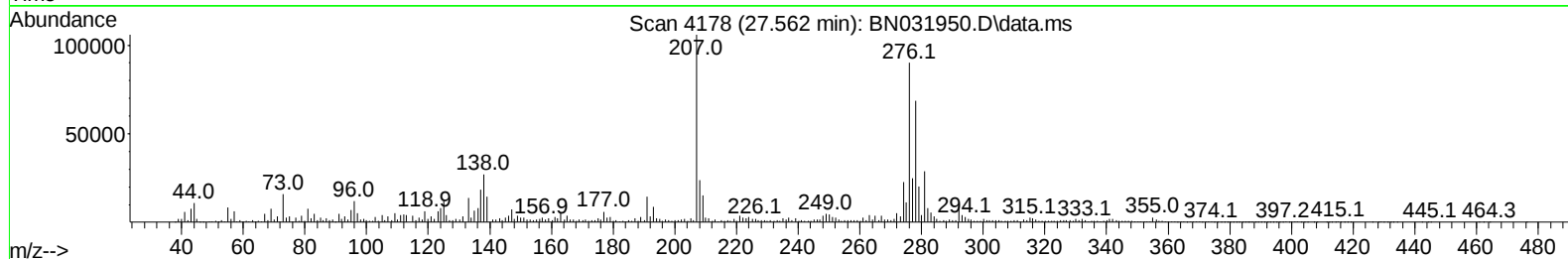
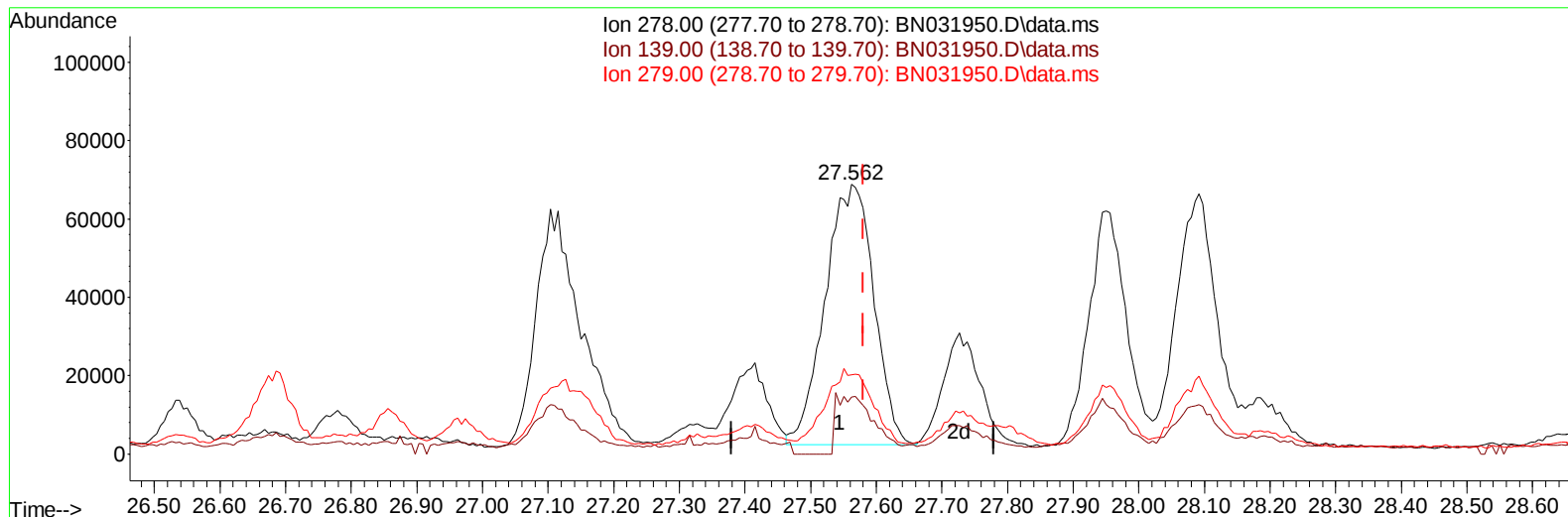
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031950.D
Acq On : 12 Jun 2024 20:38
Operator : MA/JU
Sample : P2678-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH672

Manual IntegrationsAPPROVED

Quant Time: Jun 12 23:38:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



TIC: BN031950.D\data.ms

(95) Dibenzo(a,h)anthracene

27.562min (-0.018) 4.01 ng/ul m

response 343438

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	21.08
279.00	21.70	29.29#
0.00	0.00	0.00

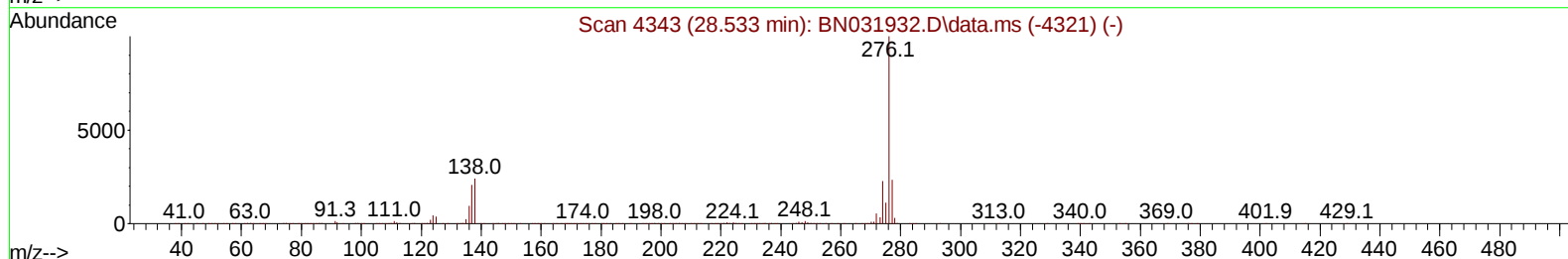
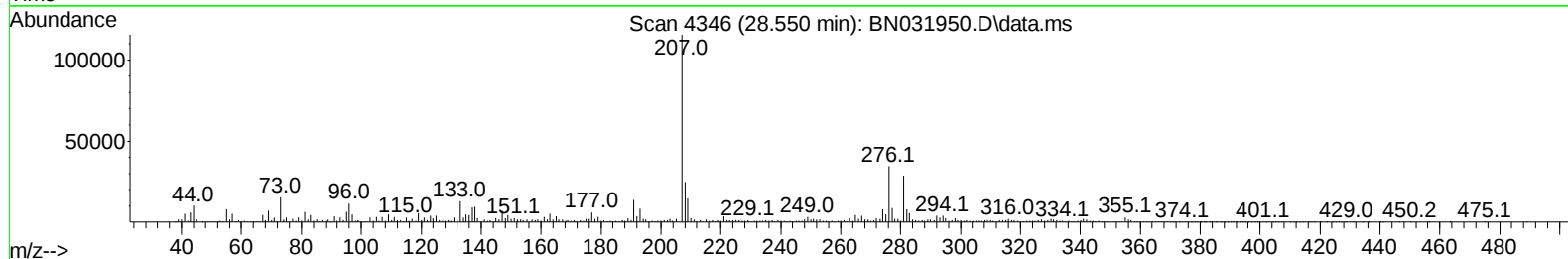
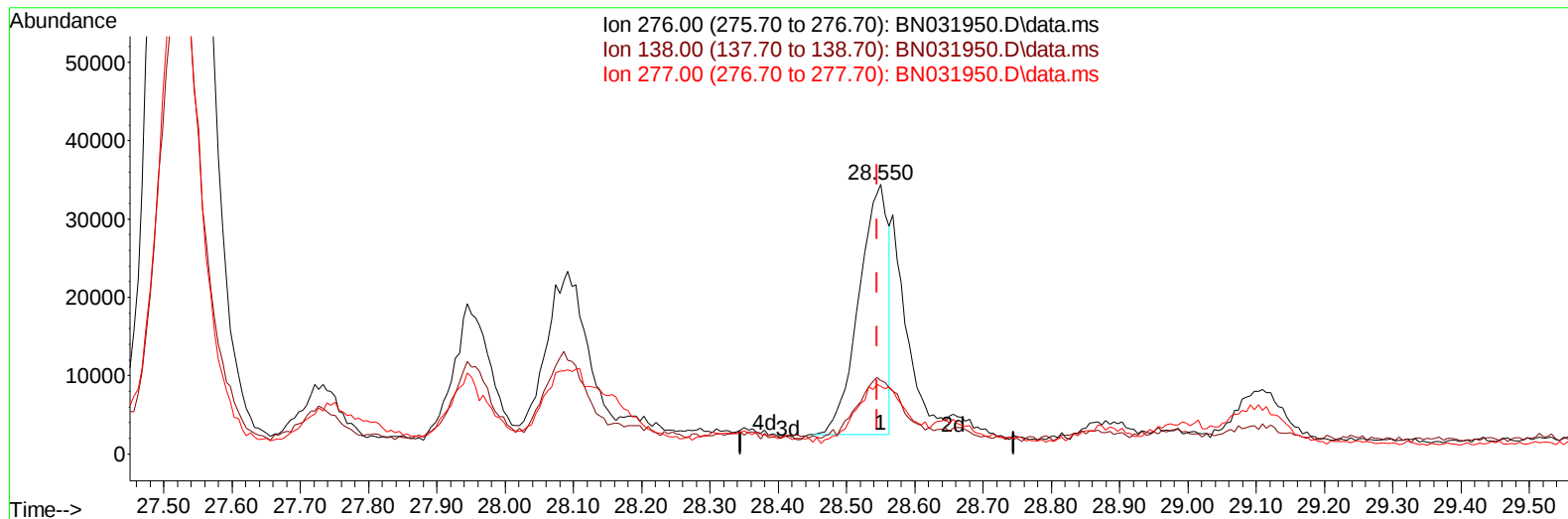
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH672

Manual IntegrationsAPPROVED

Quant Time: Jun 12 23:38:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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QLast Update : Tue Jun 11 22:28:10 2024
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Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



TIC: BN031950.D\data.ms

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

28.550min (+ 0.006) 1.13 ng/u1

response 94718

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	27.25
277.00	22.50	25.11
0.00	0.00	0.00

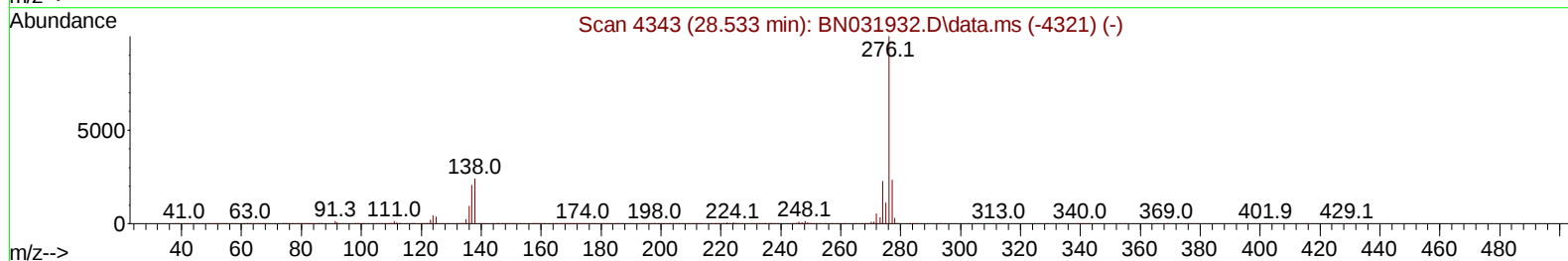
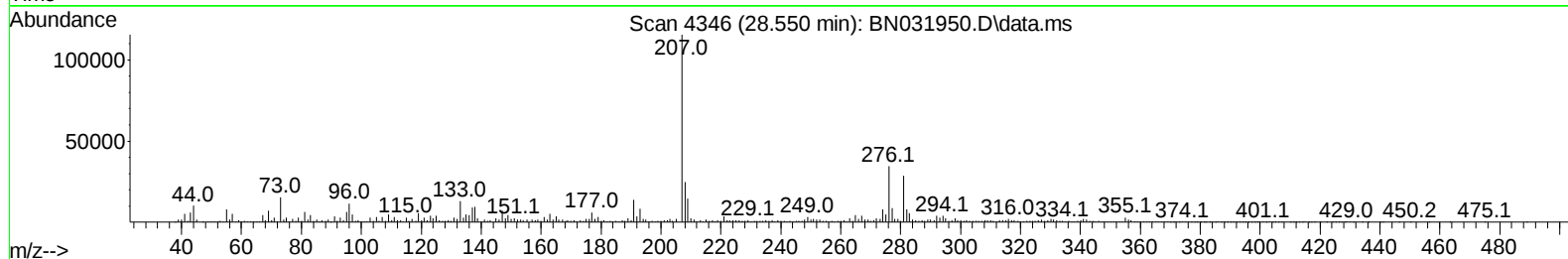
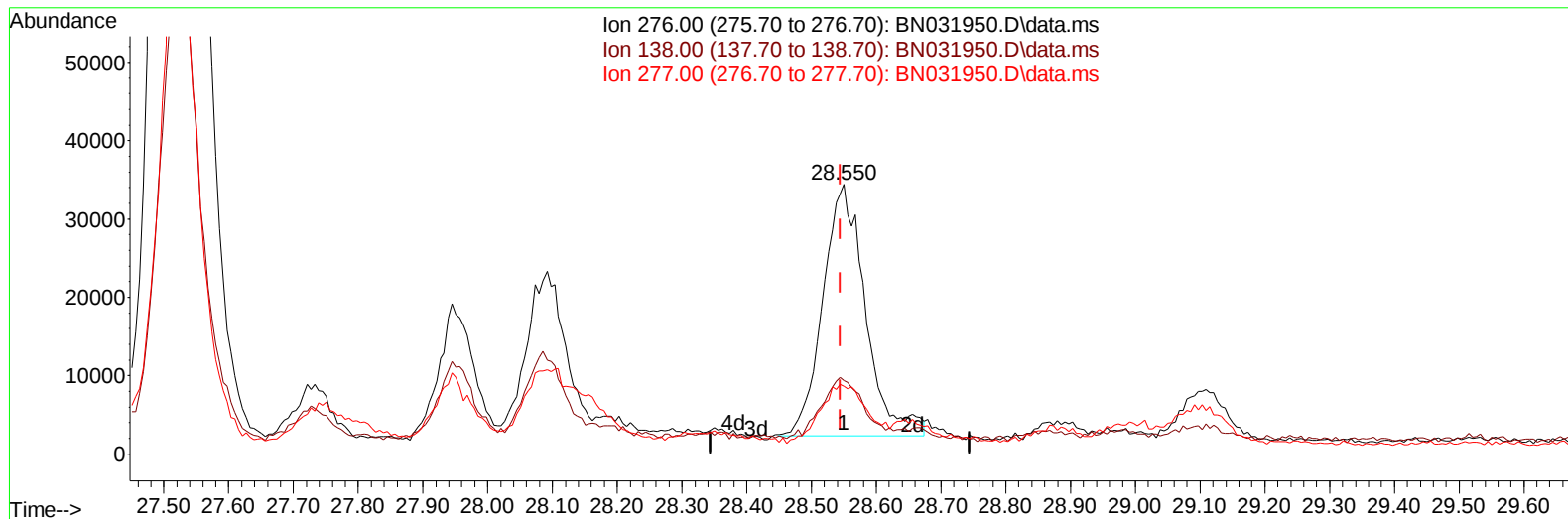
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031950.D
Acq On : 12 Jun 2024 20:38
Operator : MA/JU
Sample : P2678-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH672

Manual IntegrationsAPPROVED

Quant Time: Jun 12 23:38:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



TIC: BN031950.D\data.ms

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

28.550min (+ 0.006) 1.75 ng/u1 m

response 146233

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	27.25
277.00	22.50	25.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031950.D
 Acq On : 12 Jun 2024 20:38
 Operator : MA/JU
 Sample : P2678-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH672

Manual IntegrationsAPPROVED

Quant Time: Jun 12 23:39:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
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Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152		475226	20.000	ng/ul	0.00
20) Naphthalene-d8	10.445	136		1995432	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164		1152738	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188		1847266	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240		1333651	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264		1627576	20.000	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.181	96		47451	4.131	ng/uL	0.00
4) Pyridine-d5	3.587	84		194462	6.014	ng/ul	0.00
7) Phenol-d5	6.840	99		1049101	25.751	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67		585630	24.575	ng/ul	0.00
11) 2-Chlorophenol-d4	7.198	132		857021	27.570	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113		787116	23.702	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128		434822	28.500	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143		476211	30.216	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165		816103	27.737	ng/ul	0.00
31) 4-Chloroaniline-d4	10.586	131		462987	10.598	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166		2248507	27.999	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160		2569013	27.821	ng/ul	0.00
54) 4-Nitrophenol-d4	14.527	143		306048	19.034	ng/ul	0.00
60) Fluorene-d10	15.304	176		1756938	25.857	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200		195561	21.061	ng/ul	0.00
73) Anthracene-d10	17.151	188		2297959	29.057	ng/ul	0.00
81) Pyrene-d10	19.457	212		2019736	28.301	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264		1683989	21.668	ng/ul	0.00
Target Compounds							
						Qvalue	
16) Acetophenone	8.481	105		77952	1.549	ng/ul	98
50) Acenaphthylene	14.027	152		284857	2.730	ng/ul	99
61) Fluorene	15.357	166		77537	1.026	ng/ul	98
72) Phenanthrene	17.098	178		2156582	22.917	ng/ul	99
74) Anthracene	17.186	178		330527	3.466	ng/ul	98
77) Carbazole	17.463	167		178056	2.190	ng/ul	98
80) Fluoranthene	19.121	202		3883123	45.528	ng/ul	98
82) Pyrene	19.486	202		2998223	34.263	ng/ul	98
83) Butylbenzylphthalate	20.392	149		81354	1.968	ng/ul	90
85) Benzo(a)anthracene	21.274	228		1687117	18.900	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149		476785	7.914	ng/ul	99
87) Chrysene	21.333	228		1935382	23.211	ng/ul	97
90) Benzo(b)fluoranthene	23.303	252		2591398	26.637	ng/ul	99
91) Benzo(k)fluoranthene	23.350	252		936904m	9.814	ng/ul	
93) Benzo(a)pyrene	24.086	252		1116456	12.253	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	27.527	276		1092150m	10.402	ng/ul	
95) Dibenzo(a,h)anthracene	27.562	278		343438m	4.007	ng/ul	
96) Benzo(g,h,i)perylene	28.550	276		146233m	1.752	ng/ul	

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

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