

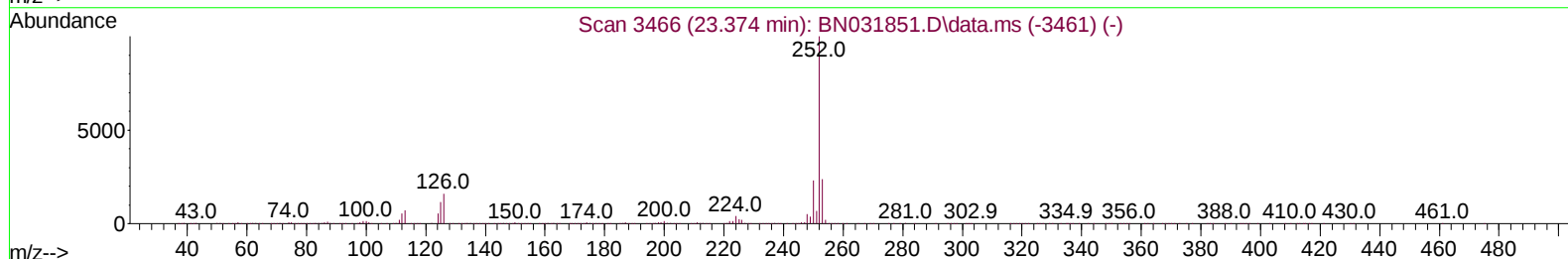
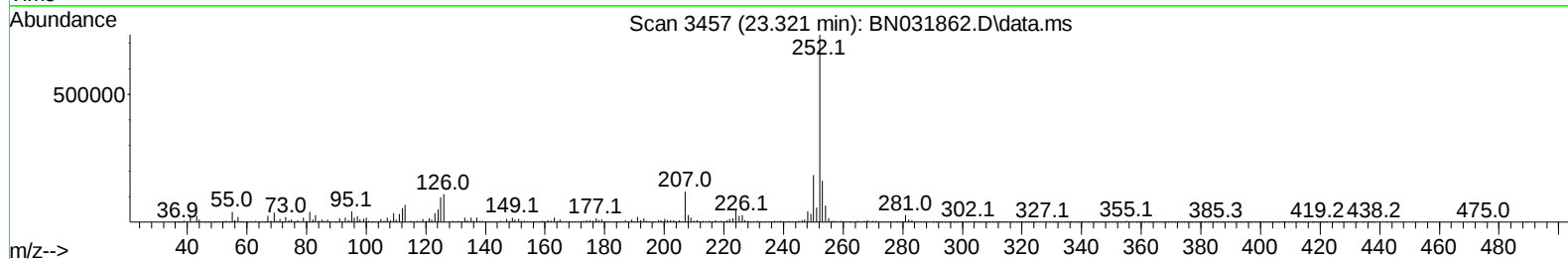
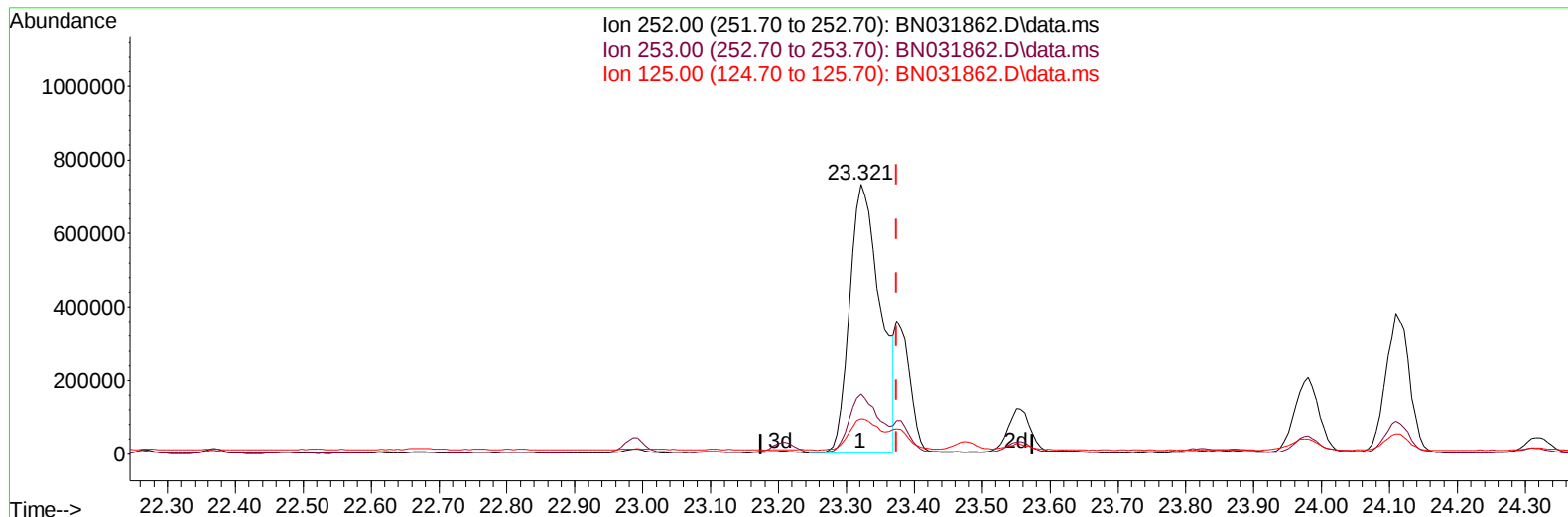
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031862.D
Acq On : 08 Jun 2024 17:10
Operator : MA/JU
Sample : P2634-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX2

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:44:41 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

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BN031862.D\data.ms

(91) Benzo(k)fluoranthene

23.321min (-0.053) 25.41 ng/u1

response 2285382

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.22
125.00	11.80	13.20
0.00	0.00	0.00

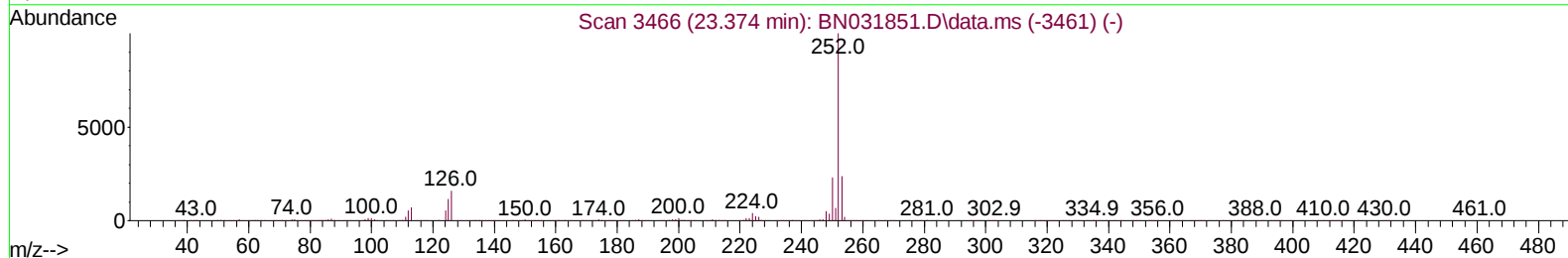
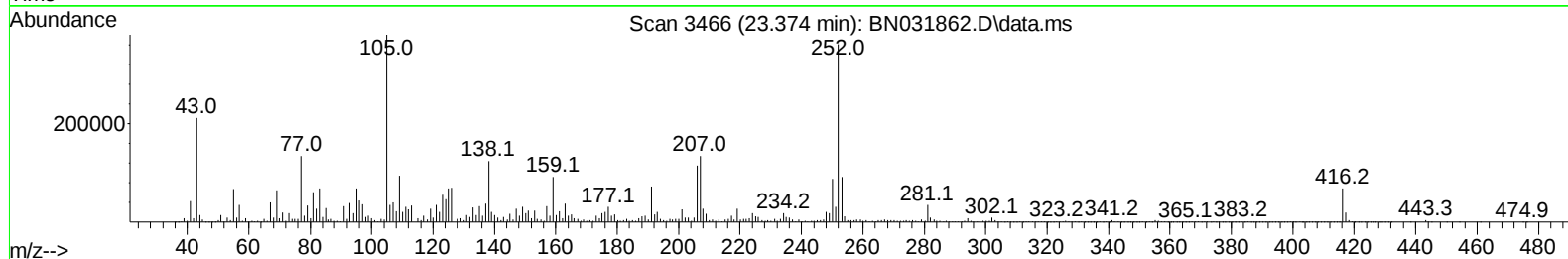
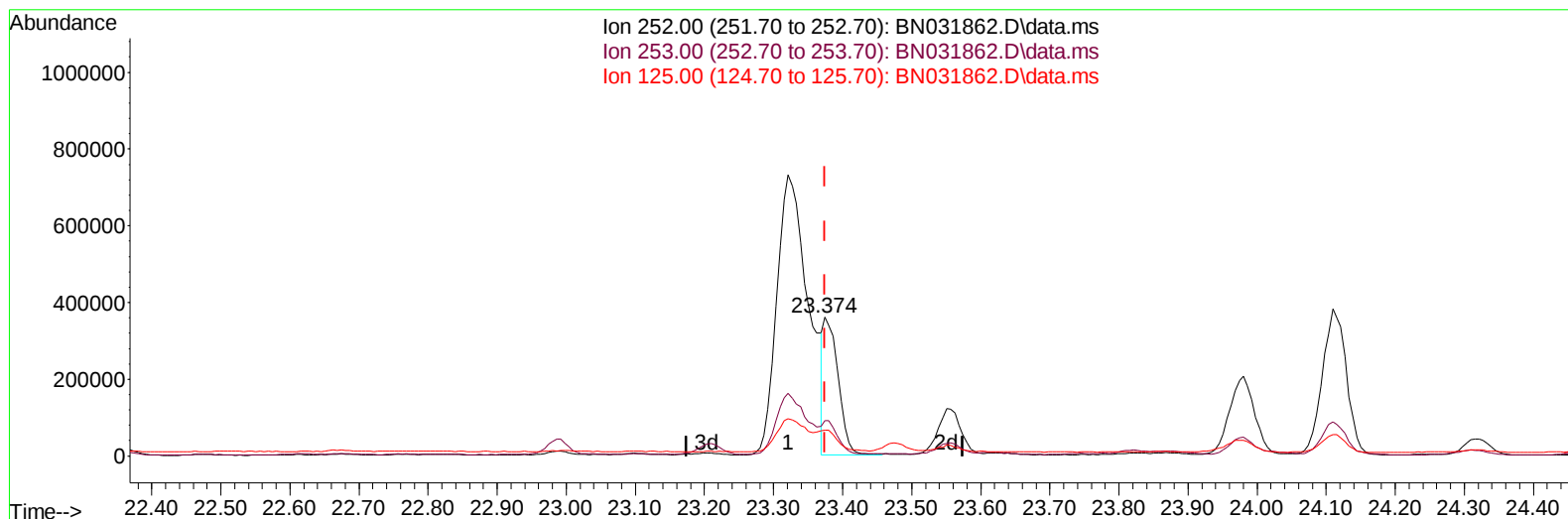
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031862.D
Acq On : 08 Jun 2024 17:10
Operator : MA/JU
Sample : P2634-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/10/2024



TIC: BN031862.D\data.ms

(91) Benzo(k)fluoranthene

23.374min (-0.000) 5.89 ng/u1 m

response 530080

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	25.28
125.00	11.80	18.82#
0.00	0.00	0.00

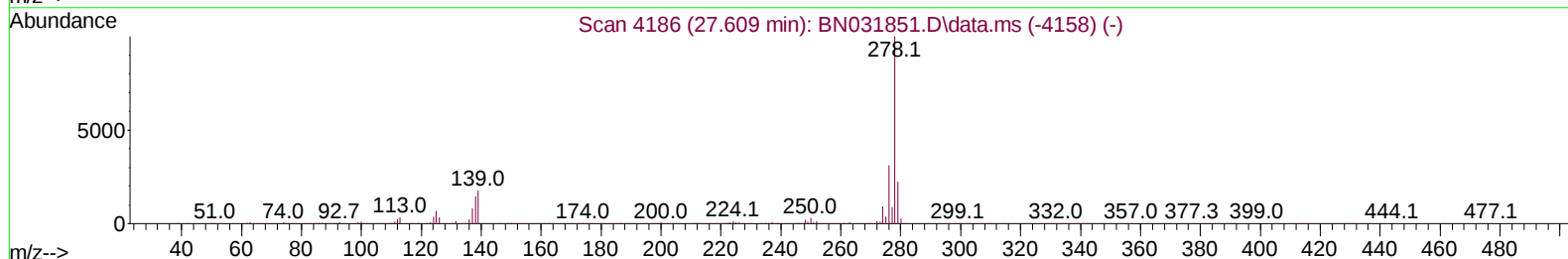
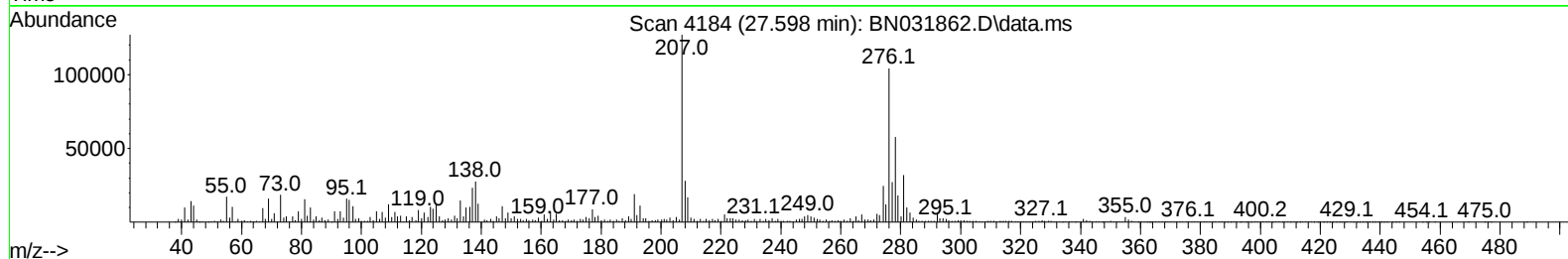
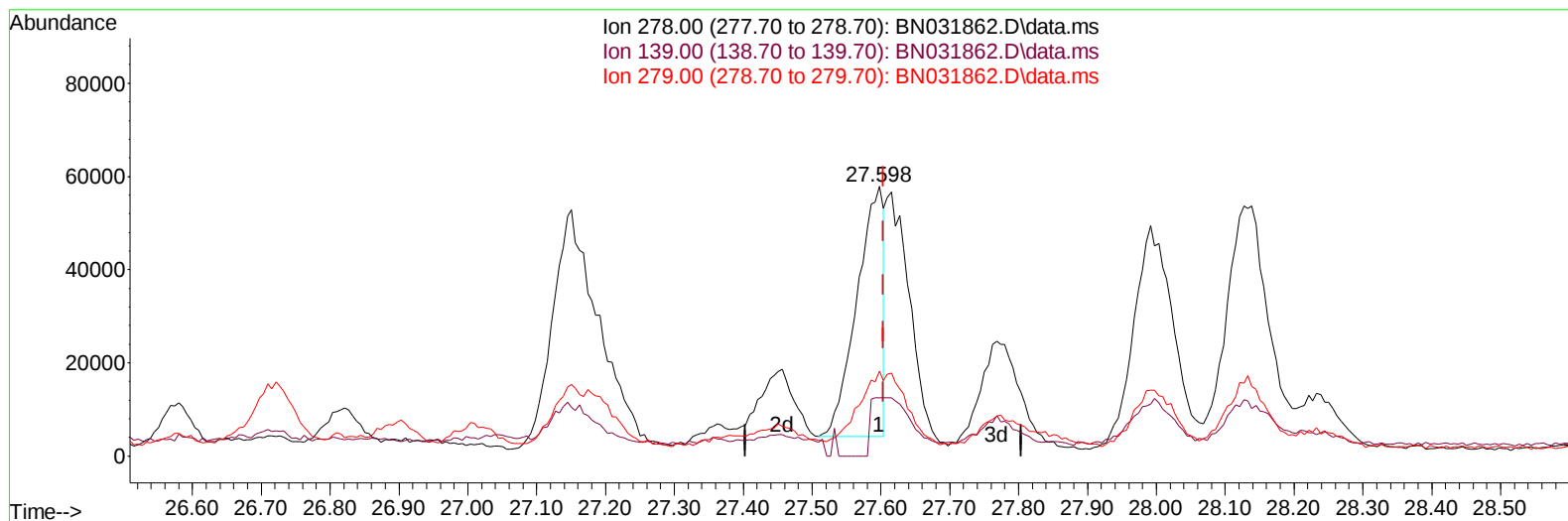
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031862.D
Acq On : 08 Jun 2024 17:10
Operator : MA/JU
Sample : P2634-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX2

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/10/2024



TIC: BN031862.D\data.ms

(95) Dibenzo(a,h)anthracene

27.598min (-0.006) 1.79 ng/u1

response 144533

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	21.49
279.00	21.70	31.38#
0.00	0.00	0.00

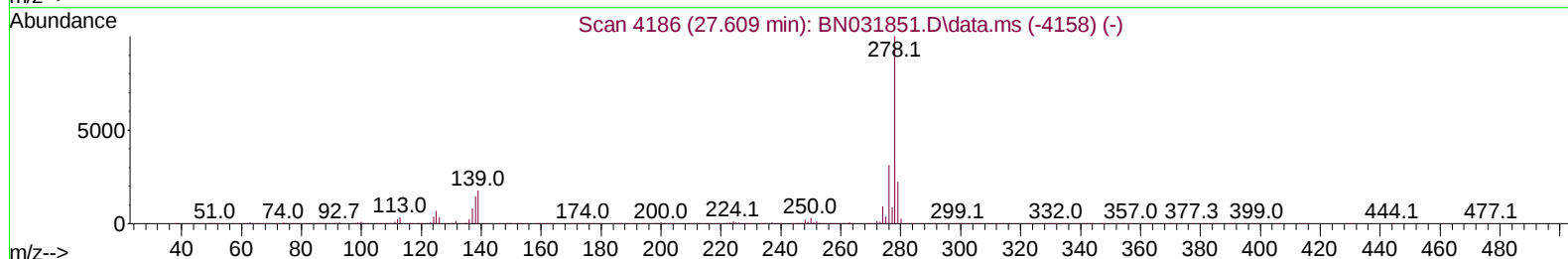
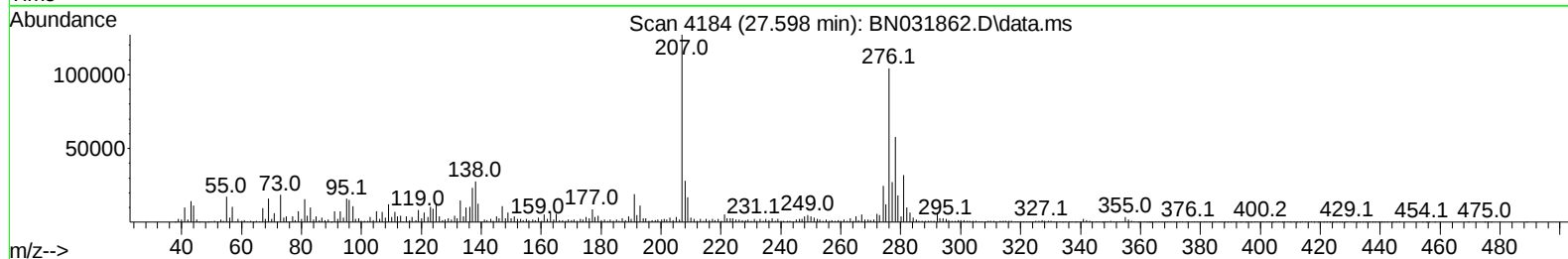
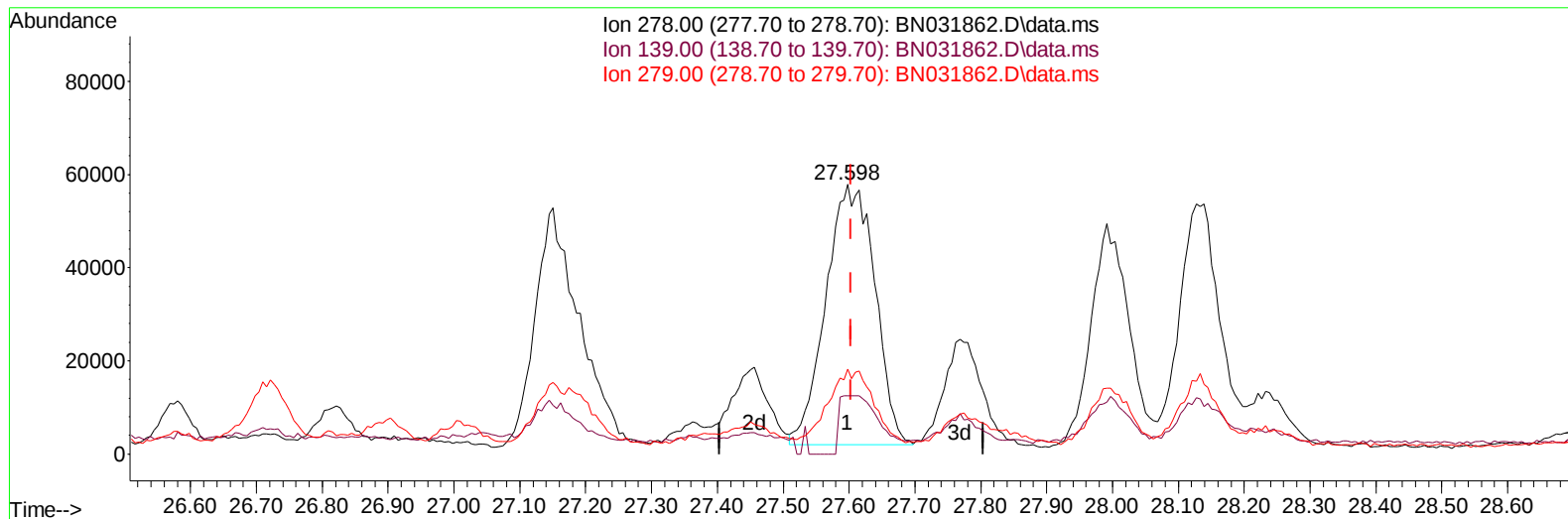
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031862.D
Acq On : 08 Jun 2024 17:10
Operator : MA/JU
Sample : P2634-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX2

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:44:41 2024
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Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BN031862.D\data.ms

(95) Dibenzo(a,h)anthracene

27.598min (-0.006) 3.56 ng/u1 m

response 287518

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	21.49
279.00	21.70	31.38#
0.00	0.00	0.00

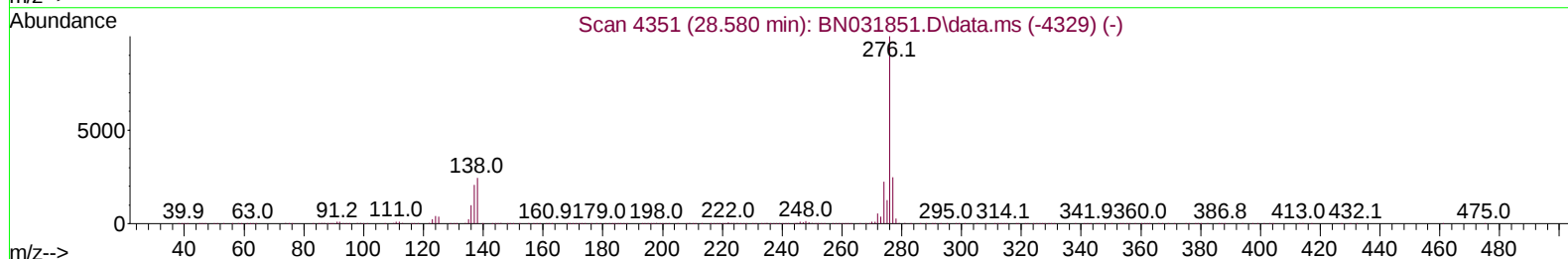
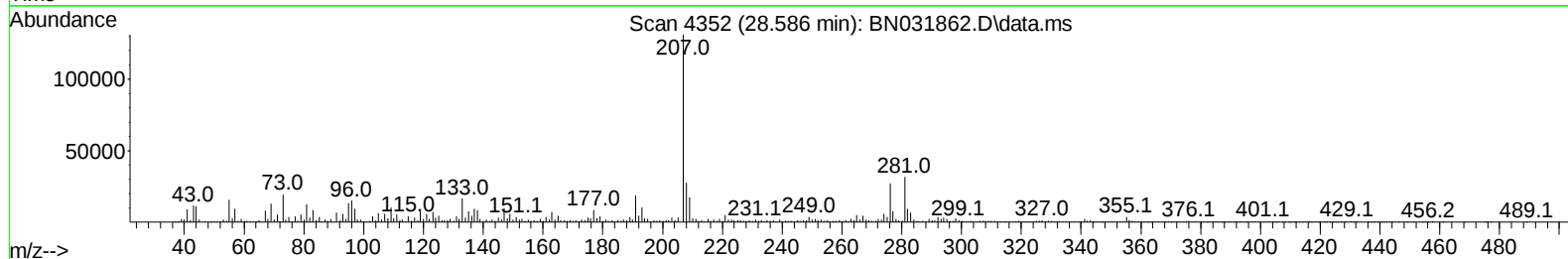
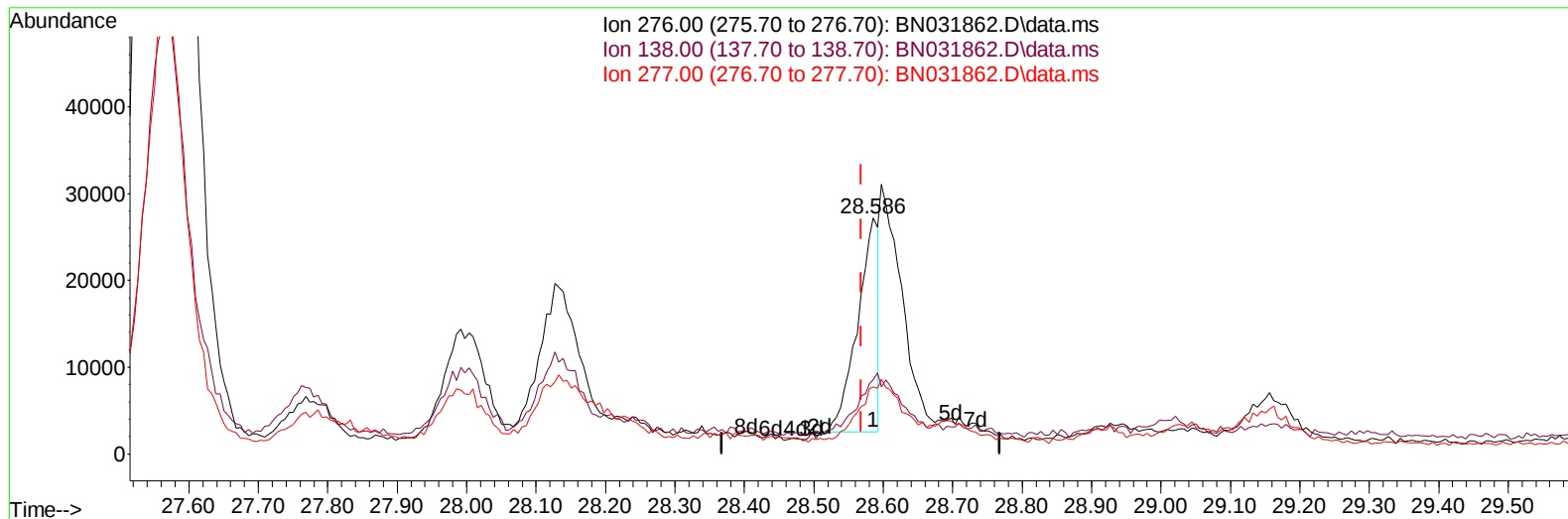
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Operator : MA/JU
Sample : P2634-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX2

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:44:41 2024
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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BN031862.D\data.ms

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

28.586min (+ 0.017) 0.65 ng/u1

response 51036

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	31.45#
277.00	22.50	28.46#
0.00	0.00	0.00

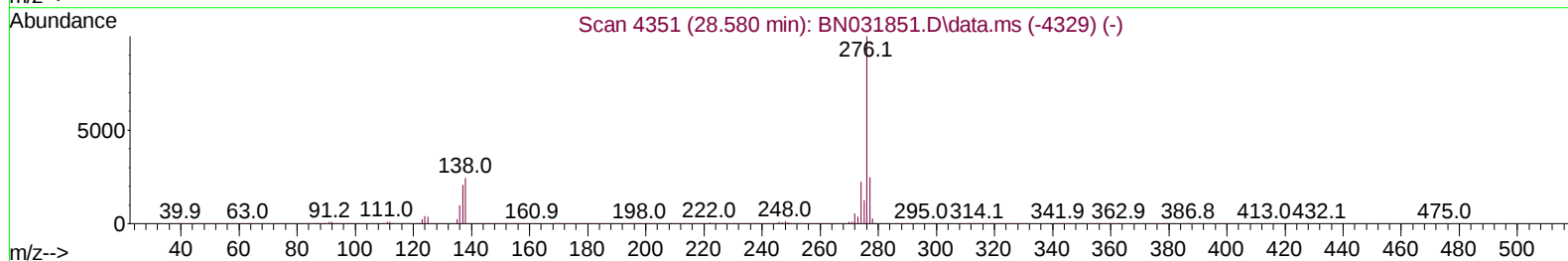
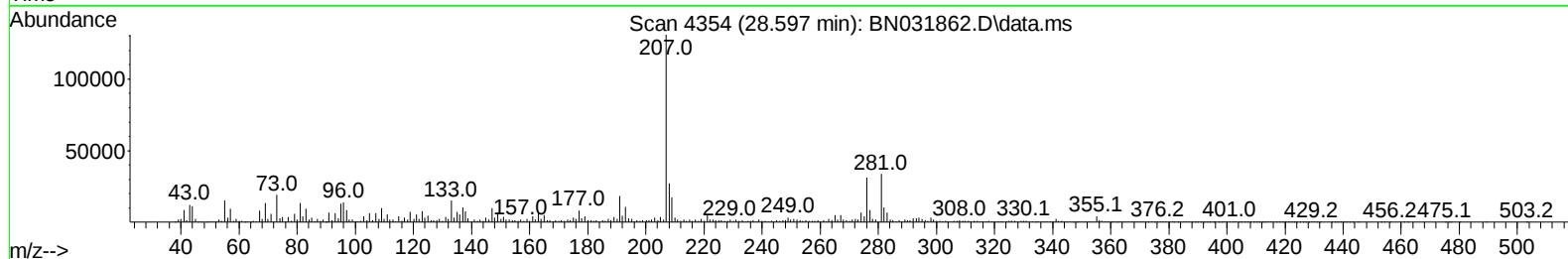
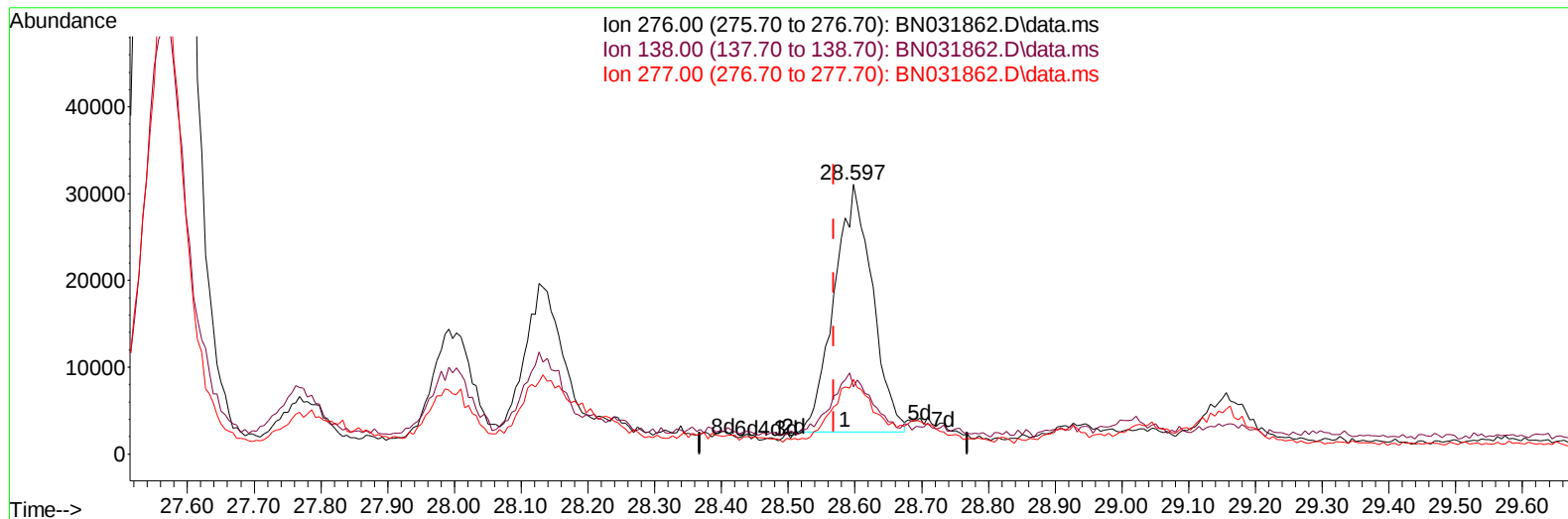
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031862.D
Acq On : 08 Jun 2024 17:10
Operator : MA/JU
Sample : P2634-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX2

Manual IntegrationsAPPROVED

Quant Time: Jun 10 04:32:09 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
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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BN031862.D\data.ms

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

28.597min (+ 0.029) 1.44 ng/ul m

response 113262

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	24.97
277.00	22.50	27.69#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
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 Sample : P2634-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
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Manual IntegrationsAPPROVED

Quant Time: Jun 10 04:34:02 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

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152		423724	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.451	136		1818608	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.316	164		1112501	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188		2173934	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240		1304651	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264		1533511	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.181	96		47468	4.635	ng/uL	-0.01
4) Pyridine-d5	3.593	84		164871	5.718	ng/ul	0.00
7) Phenol-d5	6.846	99		1035970	28.519	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67		558539	26.287	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132		853231	30.784	ng/ul	-0.01
15) 4-Methylphenol-d8	8.381	113		763708	25.792	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128		435802	31.341	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143		469740	32.703	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165		807404	30.110	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131		377340	9.477	ng/ul	-0.01
46) Dimethylphthalate-d6	13.734	166		2304871	29.739	ng/ul	-0.01
49) Acenaphthylene-d8	14.010	160		2821252	31.658	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143		358350	23.093	ng/ul	0.00
60) Fluorene-d10	15.310	176		2048372	31.236	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200		157530	14.416	ng/ul	0.00
73) Anthracene-d10	17.163	188		2824831	30.351	ng/ul	0.00
81) Pyrene-d10	19.469	212		2475901	35.464	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.051	264		1643624	22.446	ng/ul	0.01
Target Compounds							
						Qvalue	
50) Acenaphthylene	14.034	152		283026	2.810	ng/ul	98
61) Fluorene	15.369	166		76404	1.048	ng/ul	94
72) Phenanthrene	17.110	178		1943325	17.548	ng/ul	98
74) Anthracene	17.198	178		355945	3.172	ng/ul	98
77) Carbazole	17.475	167		153823	1.608	ng/ul	100
80) Fluoranthene	19.127	202		3483058	41.746	ng/ul	99
82) Pyrene	19.498	202		2978069	34.789	ng/ul	95
83) Butylbenzylphthalate	20.404	149		185014	4.576	ng/ul	95
85) Benzo(a)anthracene	21.286	228		1446898	16.569	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149		552111	9.368	ng/ul	97
87) Chrysene	21.345	228		1673252	20.513	ng/ul	97
90) Benzo(b)fluoranthene	23.321	252		2285382	24.933	ng/ul	97
91) Benzo(k)fluoranthene	23.374	252		530080m	5.893	ng/ul	
93) Benzo(a)pyrene	24.109	252		924279	10.766	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	27.562	276		860248	8.696	ng/ul	97
95) Dibenzo(a,h)anthracene	27.598	278		287518m	3.560	ng/ul	
96) Benzo(g,h,i)perylene	28.597	276		113262m	1.440	ng/ul	

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

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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jun 10 04:34:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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