

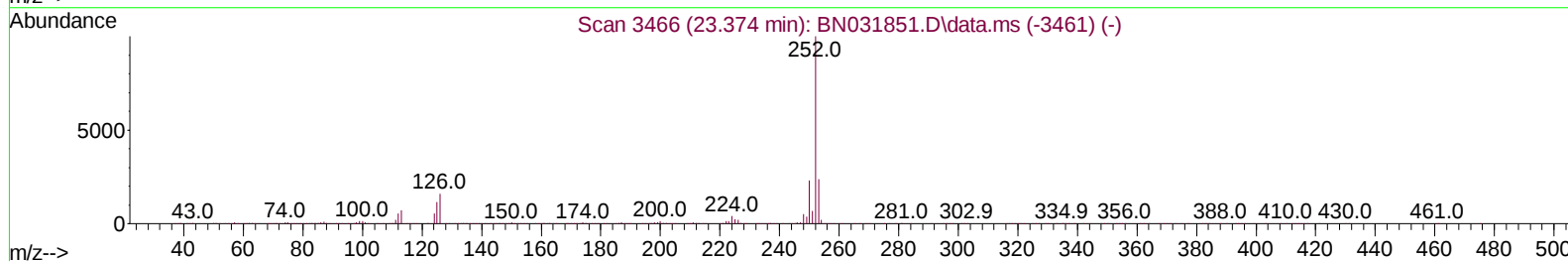
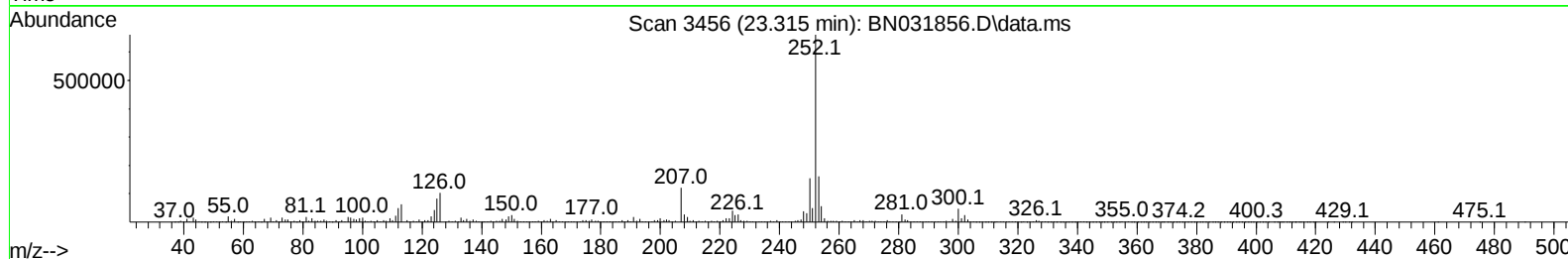
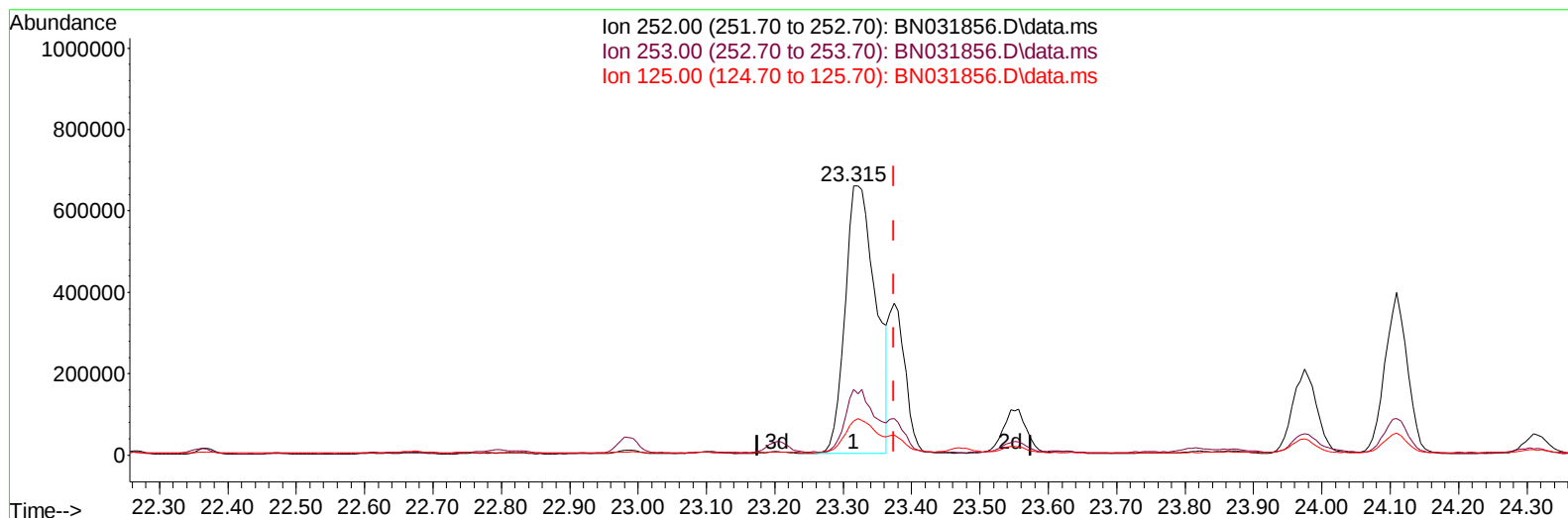
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031856.D
Acq On : 08 Jun 2024 13:14
Operator : MA/JU
Sample : P2634-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:42:04 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: BN031856.D\data.ms

(91) Benzo(k)fluoranthene

23.315min (-0.059) 24.13 ng/u1

response 2053648

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	24.45
125.00	11.80	12.61
0.00	0.00	0.00

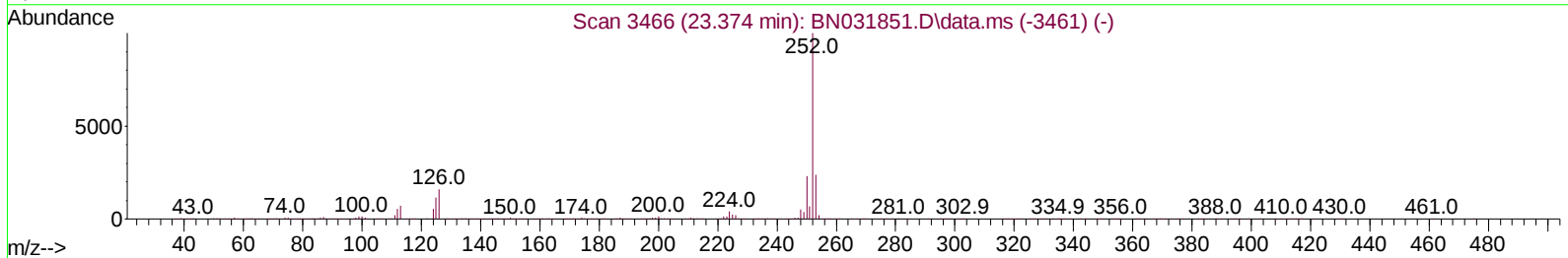
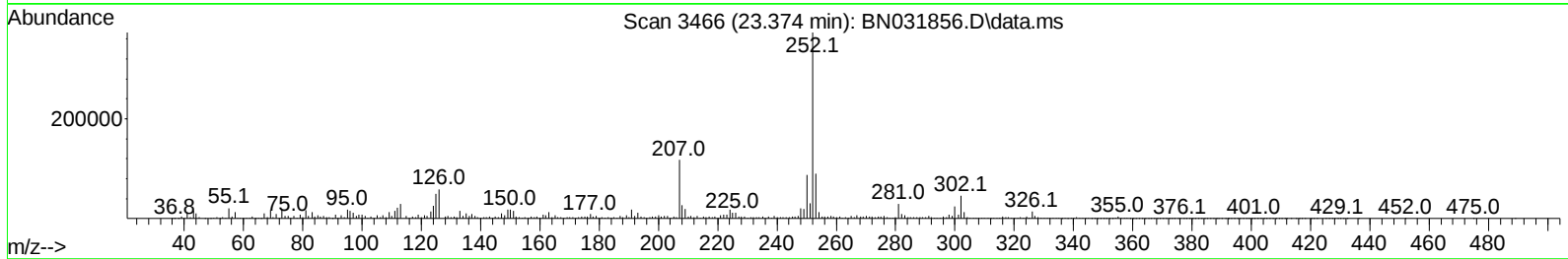
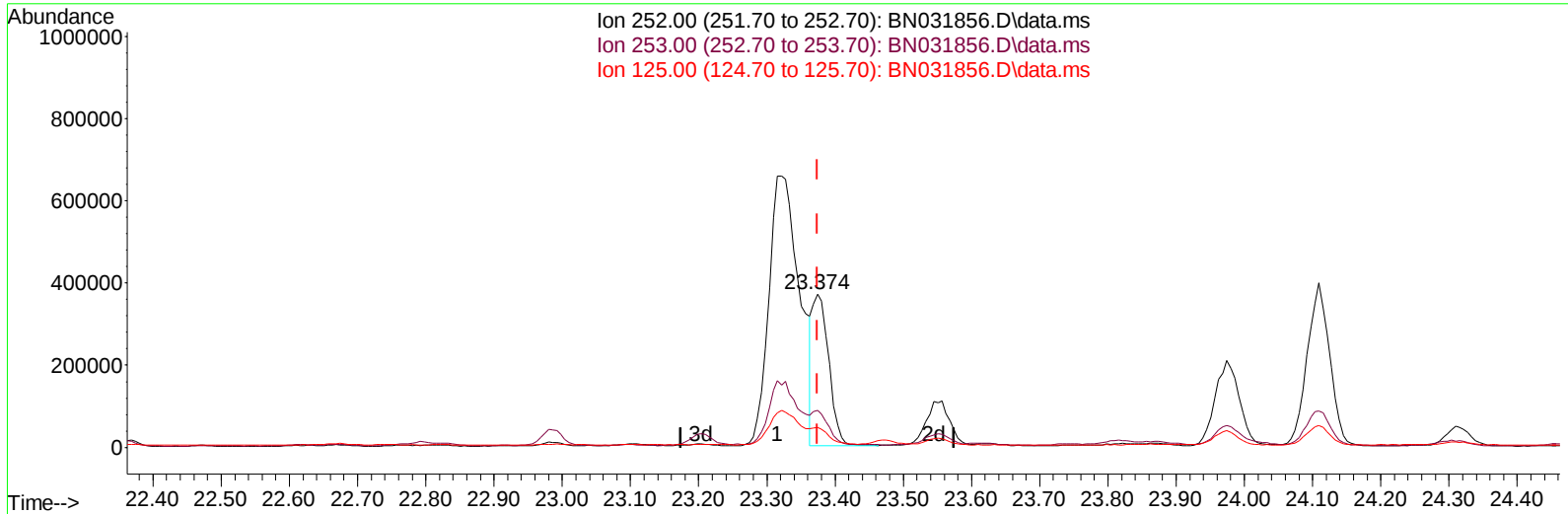
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031856.D
Acq On : 08 Jun 2024 13:14
Operator : MA/JU
Sample : P2634-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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

Quant Time: Jun 10 01:42:04 2024
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BN031856.D\data.ms

(91) Benzo(k)fluoranthene

23.374min (-0.000) 7.16 ng/u1 m

response 609648

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	24.18
125.00	11.80	13.15
0.00	0.00	0.00

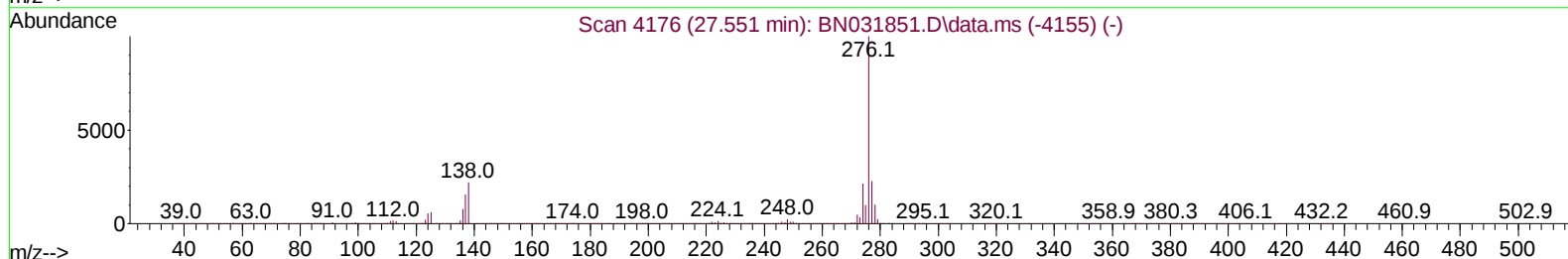
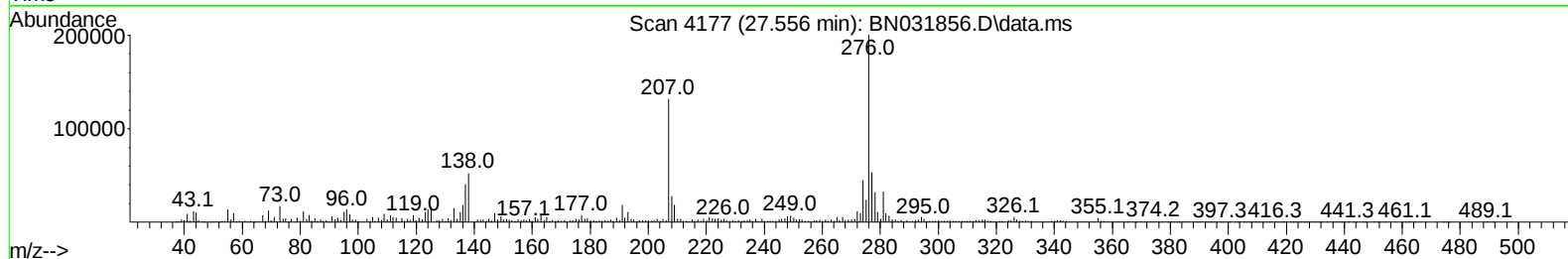
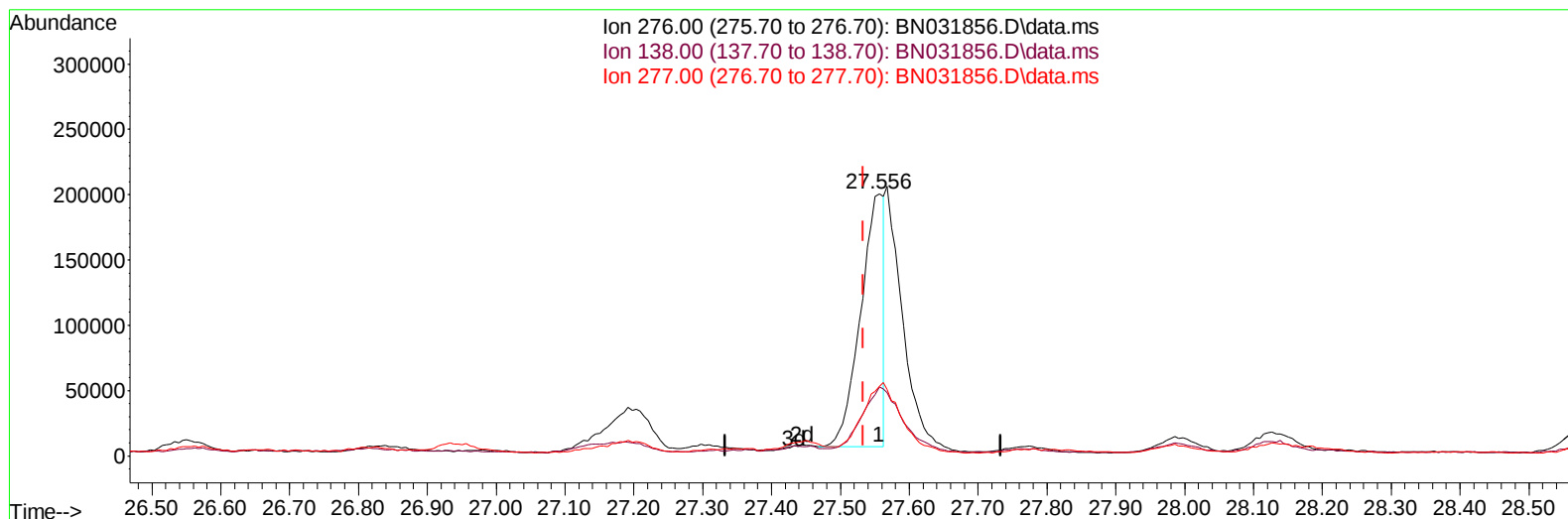
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031856.D
Acq On : 08 Jun 2024 13:14
Operator : MA/JU
Sample : P2634-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX9

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/10/2024



TIC: BN031856.D\data.ms

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

27.556min (+ 0.023) 4.89 ng/u1

response 458074

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.60	26.28
277.00	22.70	26.54
0.00	0.00	0.00

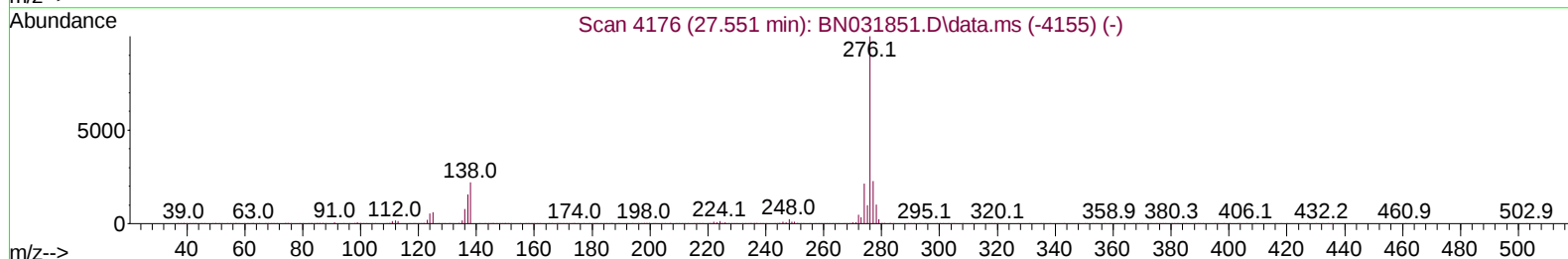
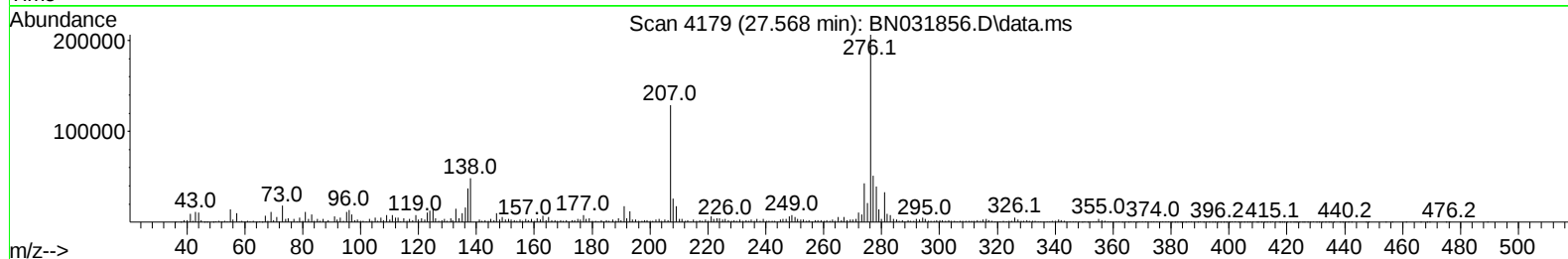
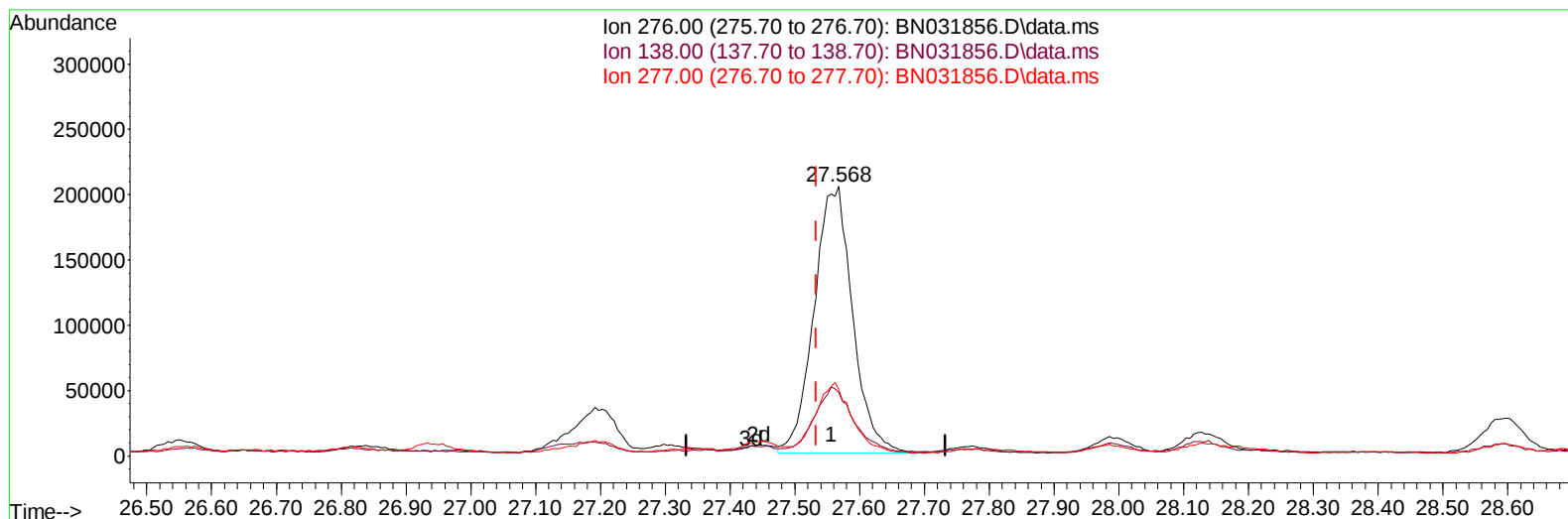
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031856.D
Acq On : 08 Jun 2024 13:14
Operator : MA/JU
Sample : P2634-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:42:04 2024
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QLast Update : Wed May 29 15:13:07 2024
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Supervised By :mohammad ahmed 06/10/2024



TIC: BN031856.D\data.ms

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

27.568min (+ 0.035) 9.05 ng/u1 m

response 846899

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.60	23.52
277.00	22.70	24.64
0.00	0.00	0.00

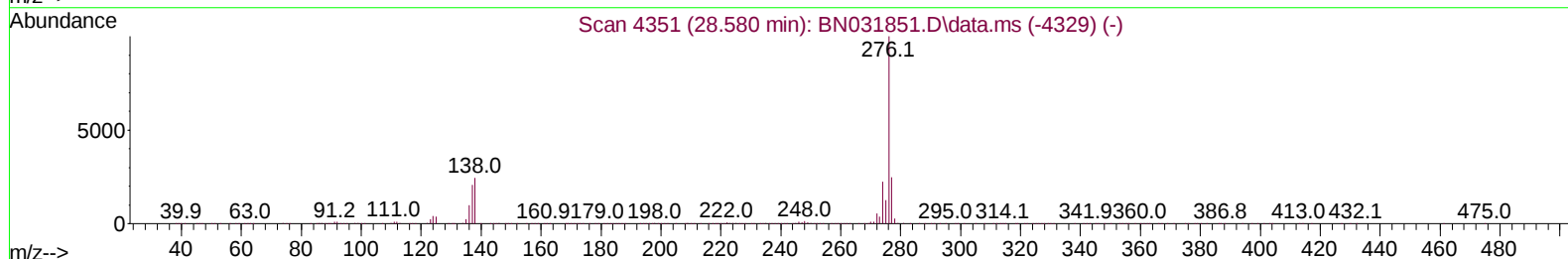
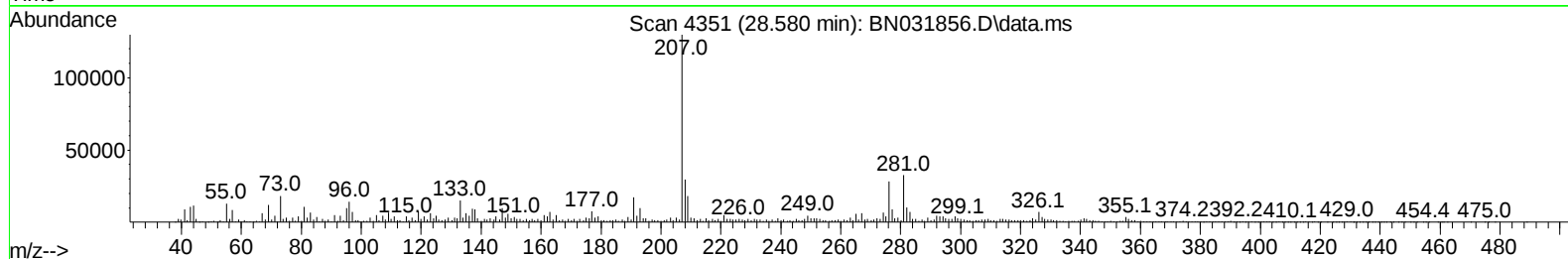
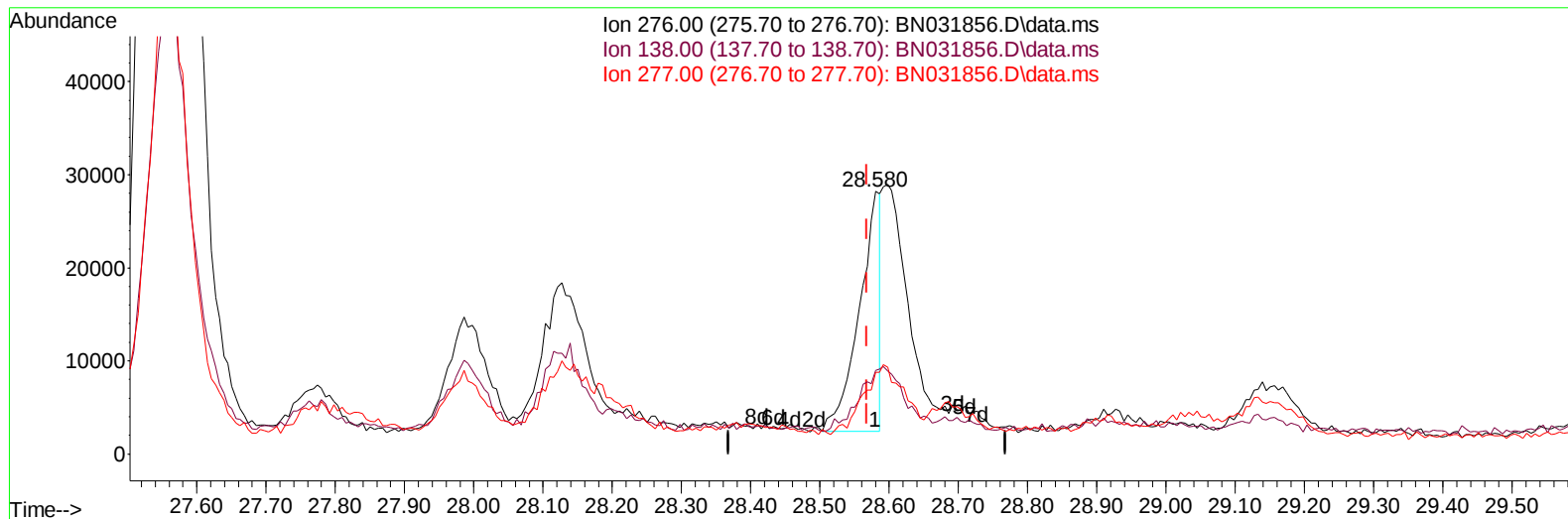
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031856.D
Acq On : 08 Jun 2024 13:14
Operator : MA/JU
Sample : P2634-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:42:04 2024
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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: BN031856.D\data.ms

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

28.580min (+ 0.012) 0.74 ng/u1

response 54998

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	31.74#
277.00	22.50	31.18#
0.00	0.00	0.00

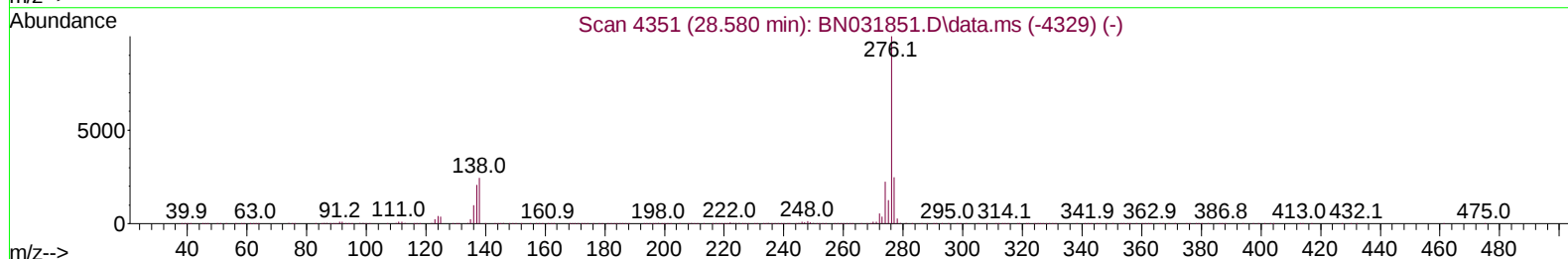
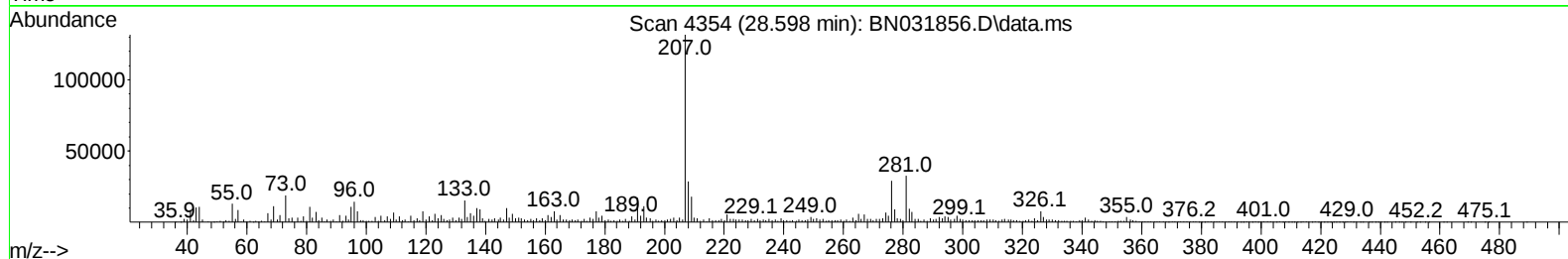
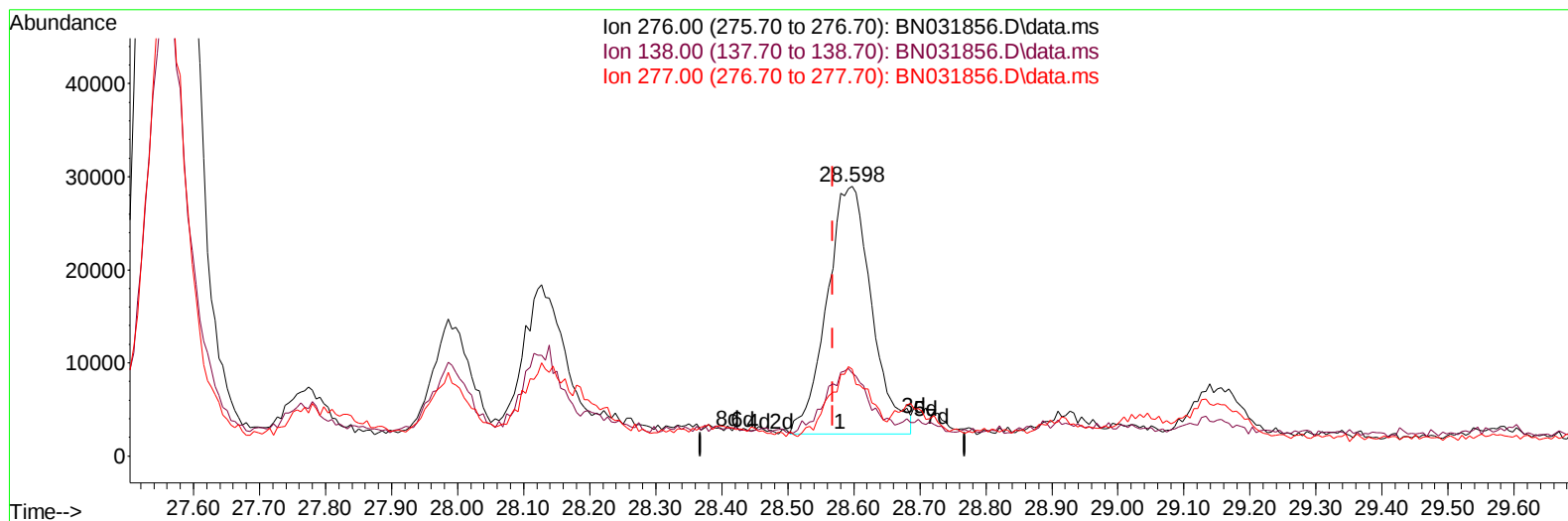
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031856.D
Acq On : 08 Jun 2024 13:14
Operator : MA/JU
Sample : P2634-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 02:58:19 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: BN031856.D\data.ms

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

28.598min (+ 0.029) 1.68 ng/ul m

response 125219

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	30.90
277.00	22.50	32.12#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031856.D
 Acq On : 08 Jun 2024 13:14
 Operator : MA/JU
 Sample : P2634-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX9

Manual IntegrationsAPPROVED

Quant Time: Jun 10 05:30:07 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		400595	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.451	136		1697442	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.316	164		1070611	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188		2082065	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240		1269149	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264		1451029	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.181	96		42209	4.359	ng/uL	-0.01
4) Pyridine-d5	3.593	84		208339	7.643	ng/ul	0.00
7) Phenol-d5	6.846	99		884458	25.754	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67		478595	23.825	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132		721445	27.532	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113		608782	21.747	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128		371230	28.603	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143		396042	29.540	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165		700260	27.978	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131		318521	8.571	ng/ul	-0.02
46) Dimethylphthalate-d6	13.734	166		2051158	27.501	ng/ul	-0.01
49) Acenaphthylene-d8	14.004	160		2484519	28.970	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.534	143		326381	21.855	ng/ul	0.00
60) Fluorene-d10	15.310	176		1879804	29.787	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200		161495	15.431	ng/ul	0.00
73) Anthracene-d10	17.163	188		2761659	30.982	ng/ul	0.00
81) Pyrene-d10	19.463	212		2343716	34.510	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264		1670340	24.108	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.504	128		97349	1.108	ng/ul	99
36) 2-Methylnaphthalene	12.122	142		83996	1.399	ng/ul	99
37) 1-Methylnaphthalene	12.340	142		60428	1.003	ng/ul	95
50) Acenaphthylene	14.034	152		204627	2.111	ng/ul	99
61) Fluorene	15.363	166		76967	1.097	ng/ul#	91
72) Phenanthrene	17.104	178		1756734	16.563	ng/ul	100
74) Anthracene	17.198	178		323649	3.011	ng/ul	100
77) Carbazole	17.469	167		137372	1.499	ng/ul	97
80) Fluoranthene	19.127	202		3237619	39.889	ng/ul	97
82) Pyrene	19.492	202		2610416	31.347	ng/ul	97
83) Butylbenzylphthalate	20.398	149		86555	2.201	ng/ul	90
85) Benzo(a)anthracene	21.286	228		1272184	14.976	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.216	149		256516	4.474	ng/ul	98
87) Chrysene	21.345	228		1609034	20.278	ng/ul	96
90) Benzo(b)fluoranthene	23.315	252		2053648	23.678	ng/ul	95
91) Benzo(k)fluoranthene	23.374	252		609648m	7.163	ng/ul	
93) Benzo(a)pyrene	24.110	252		908882	11.189	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.568	276		846899m	9.047	ng/ul	
95) Dibenzo(a,h)anthracene	27.598	278		269966	3.533	ng/ul#	87
96) Benzo(g,h,i)perylene	28.598	276		125219m	1.683	ng/ul	

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

Instrument :

BNA_N

ClientSampleId :

BHBX9

Manual IntegrationsAPPROVED

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