

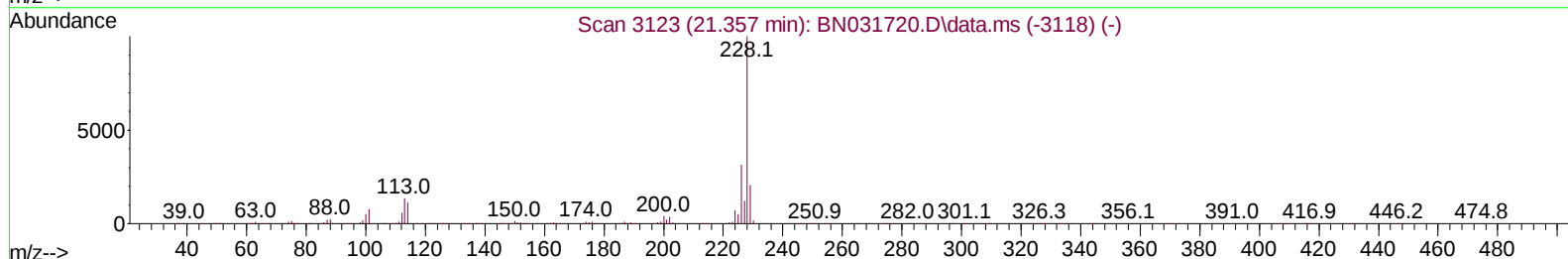
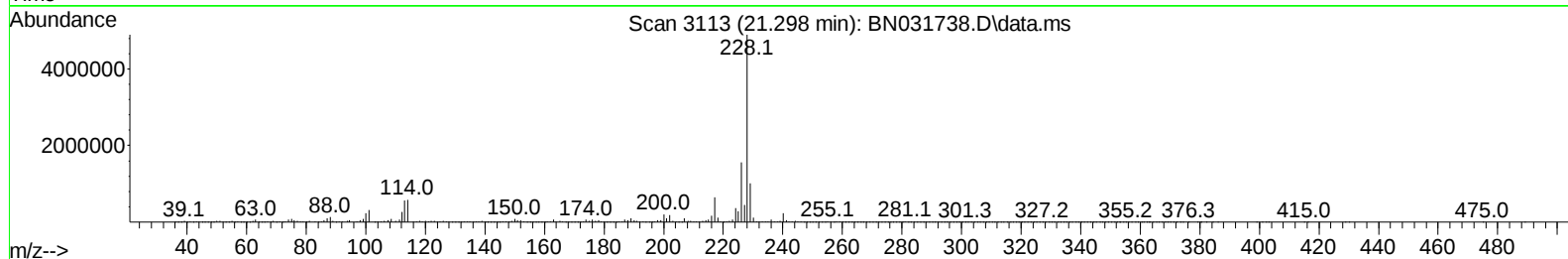
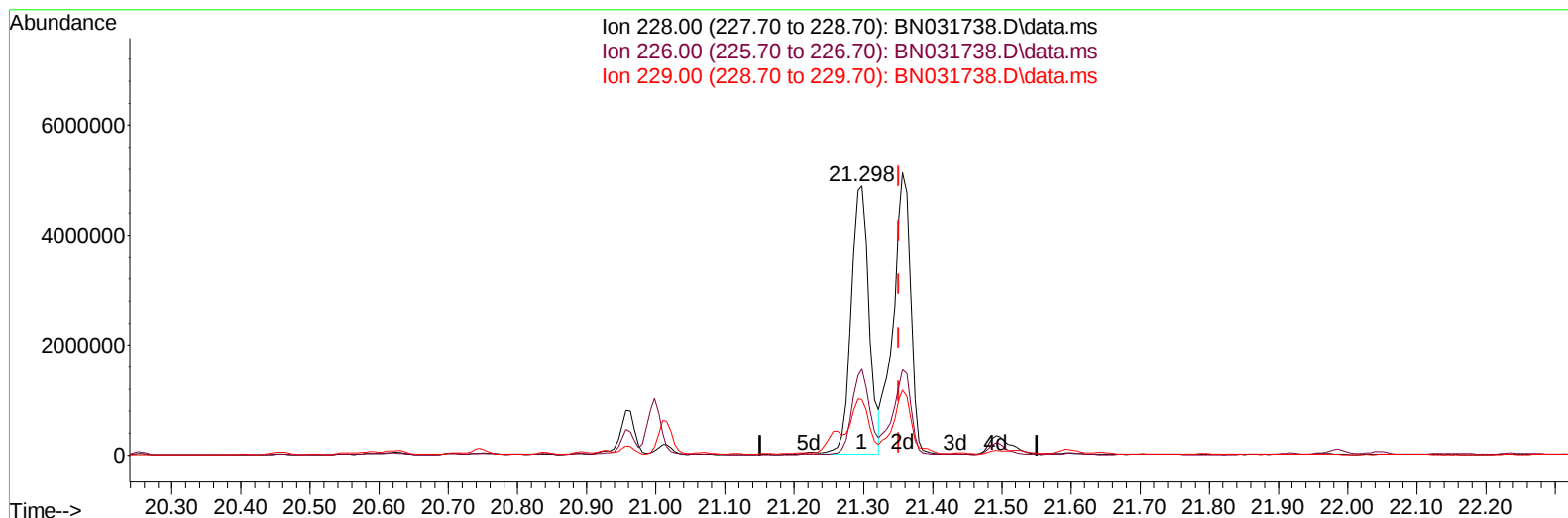
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBNI

Manual IntegrationsAPPROVED

Quant Time: May 31 12:51:13 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 :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BN031738.D\data.ms

(87) Chrysene

21.298min (-0.053) 103.39 ng/u1

response 8742657

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.60	32.00
229.00	18.90	20.61
0.00	0.00	0.00

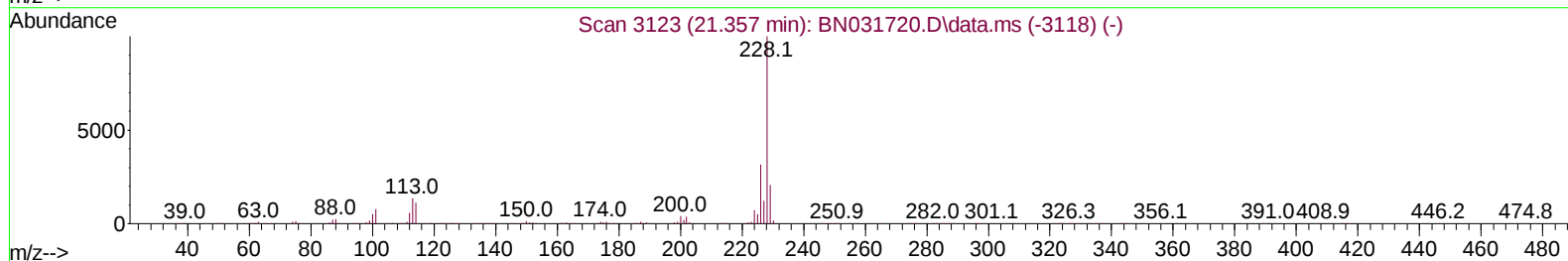
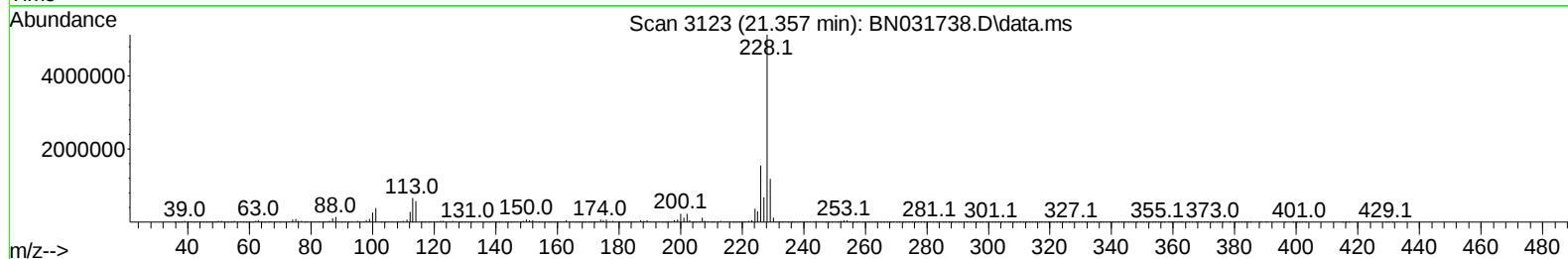
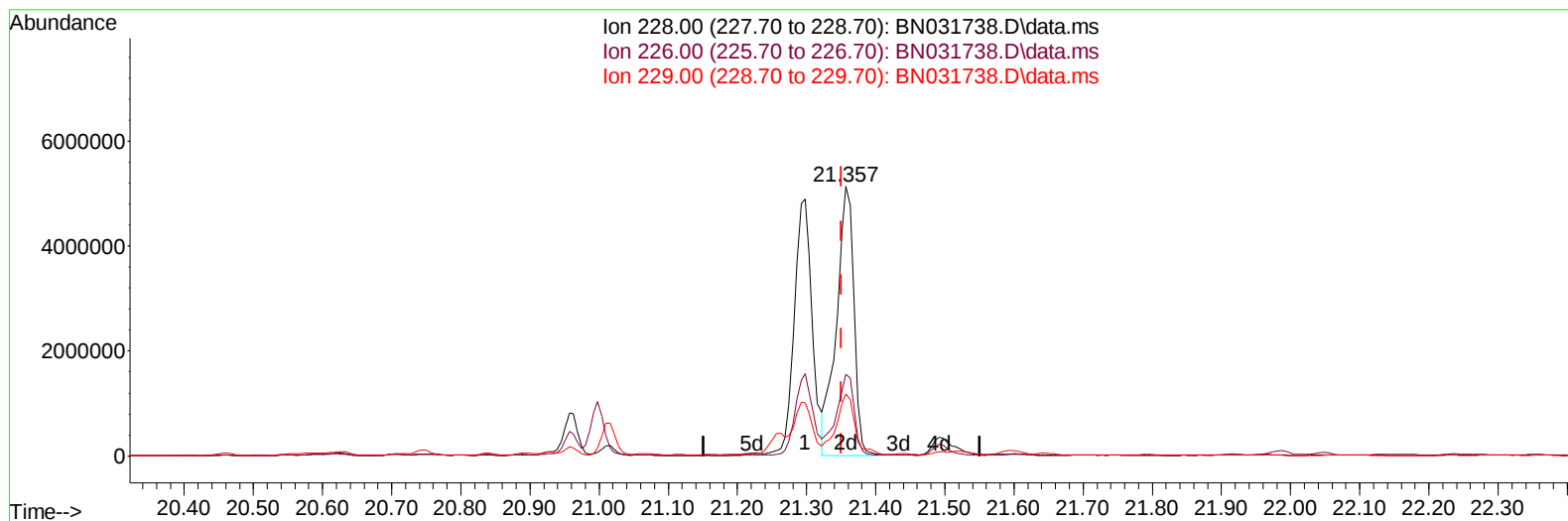
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

Quant Time: May 31 12:51:13 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: BN031738.D\data.ms

(87) Chrysene

21.357min (+ 0.006) 107.02 ng/u1 m

response 9049154

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.60	30.21
229.00	18.90	23.01#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031738.D
 Acq On : 31 May 2024 12:22
 Operator : MA/JU
 Sample : P2549-23
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_N

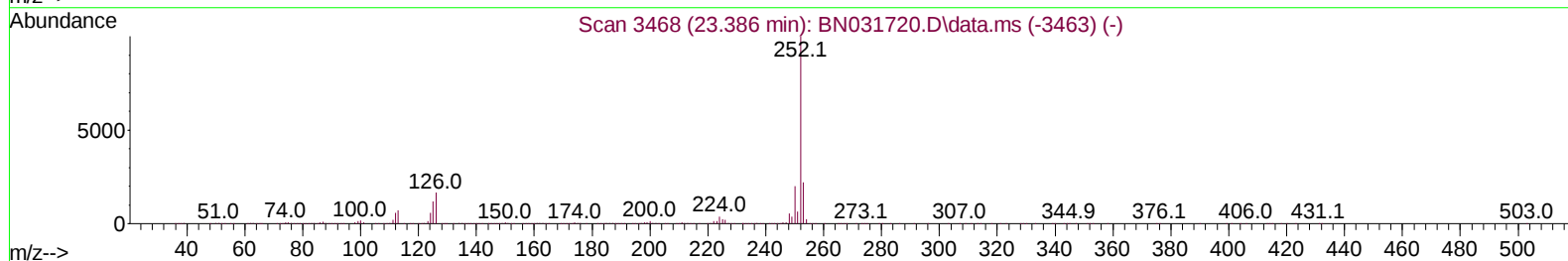
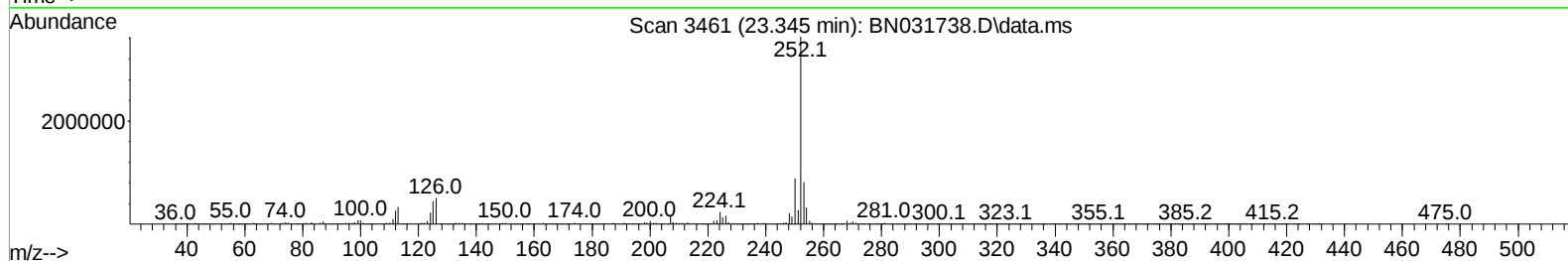
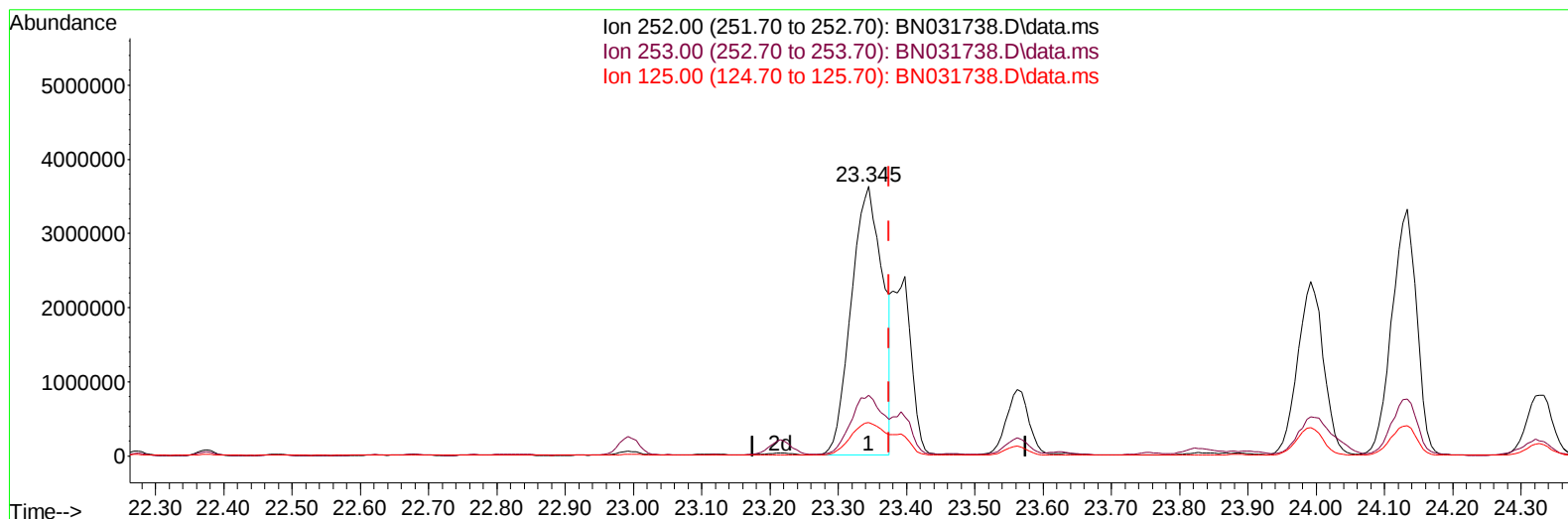
ClientSampleId :

BHBN1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

Quant Time: May 31 12:51:13 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: BN031738.D\data.ms

(91) Benzo(k)fluoranthene

23.345min (-0.030) 118.39 ng/u1

response 11636378

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.53
125.00	11.80	12.33
0.00	0.00	0.00

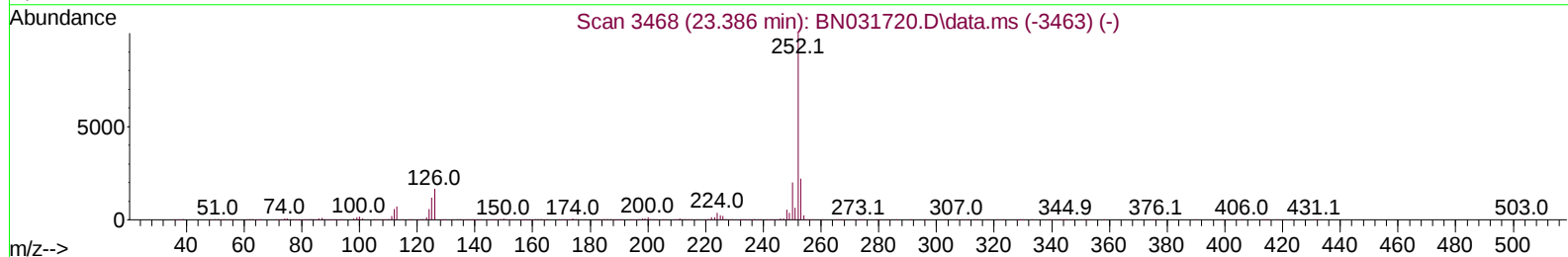
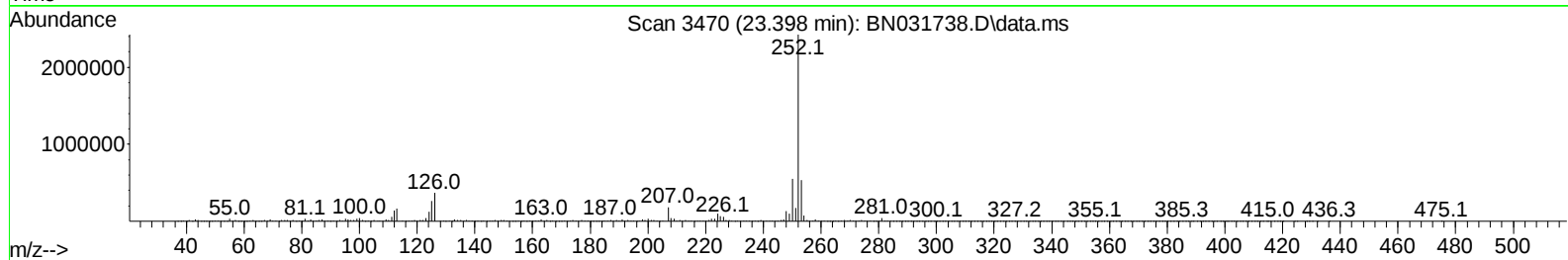
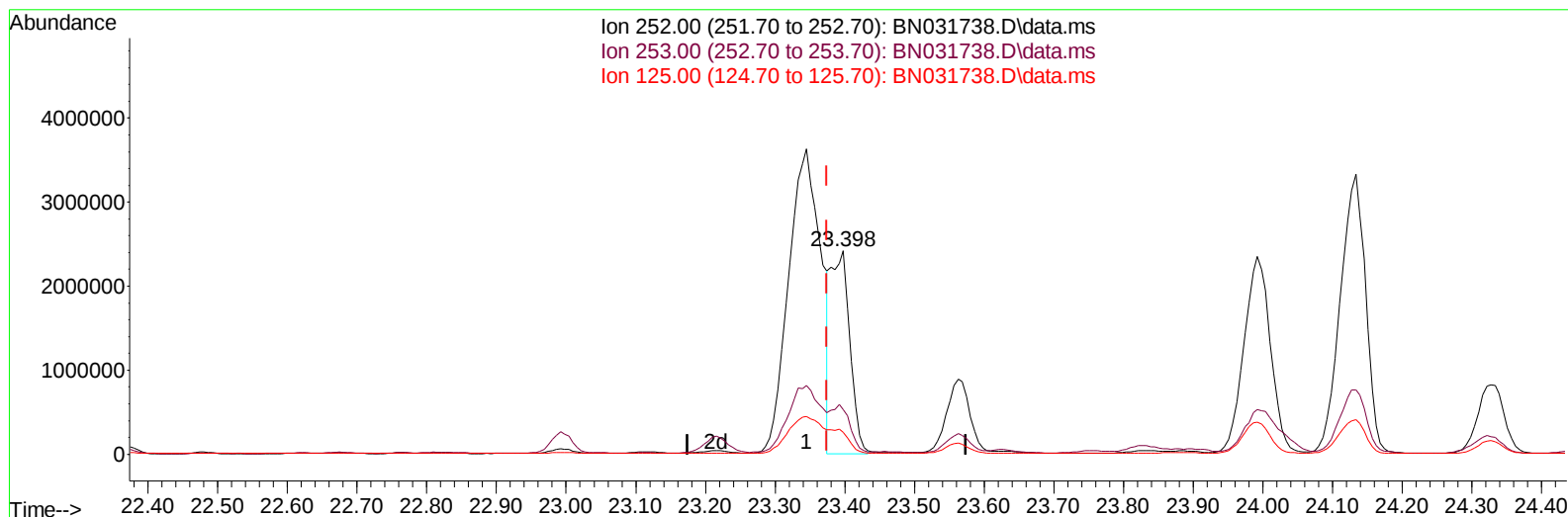
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBNI

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

Quant Time: May 31 12:51:13 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: BN031738.D\data.ms

(91) Benzo(k)fluoranthene

23.398min (+ 0.023) 45.97 ng/ul m

response 4518826

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	21.93
125.00	11.80	10.76
0.00	0.00	0.00

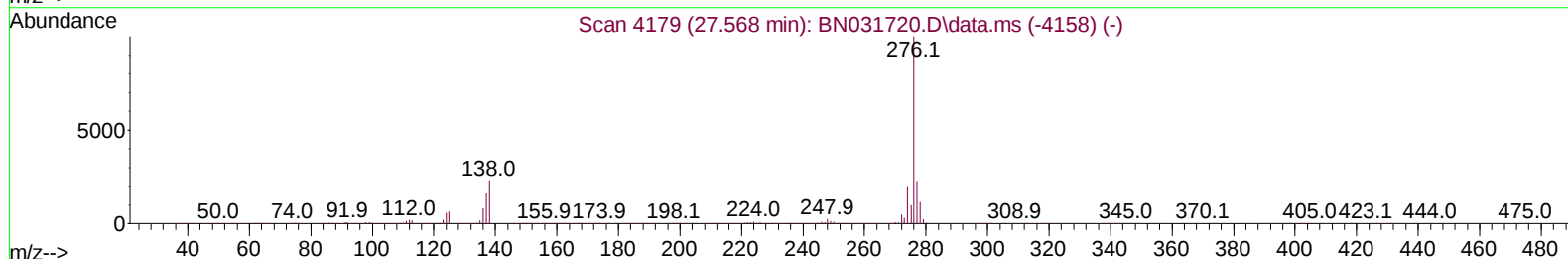
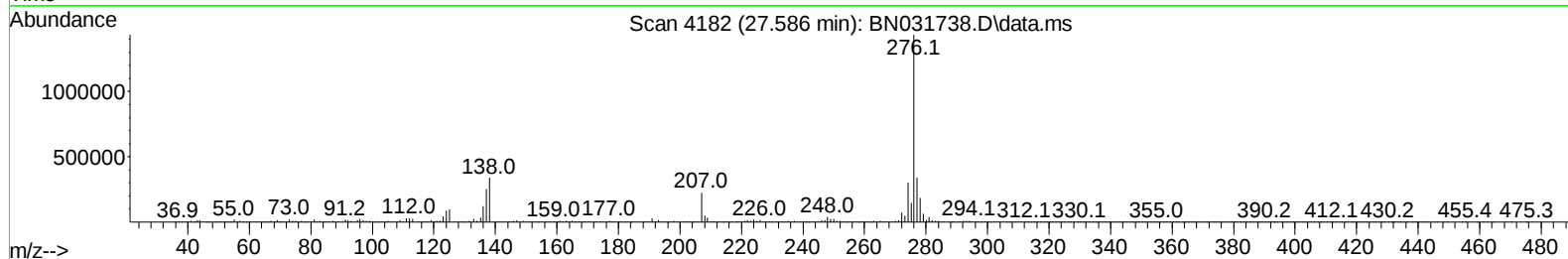
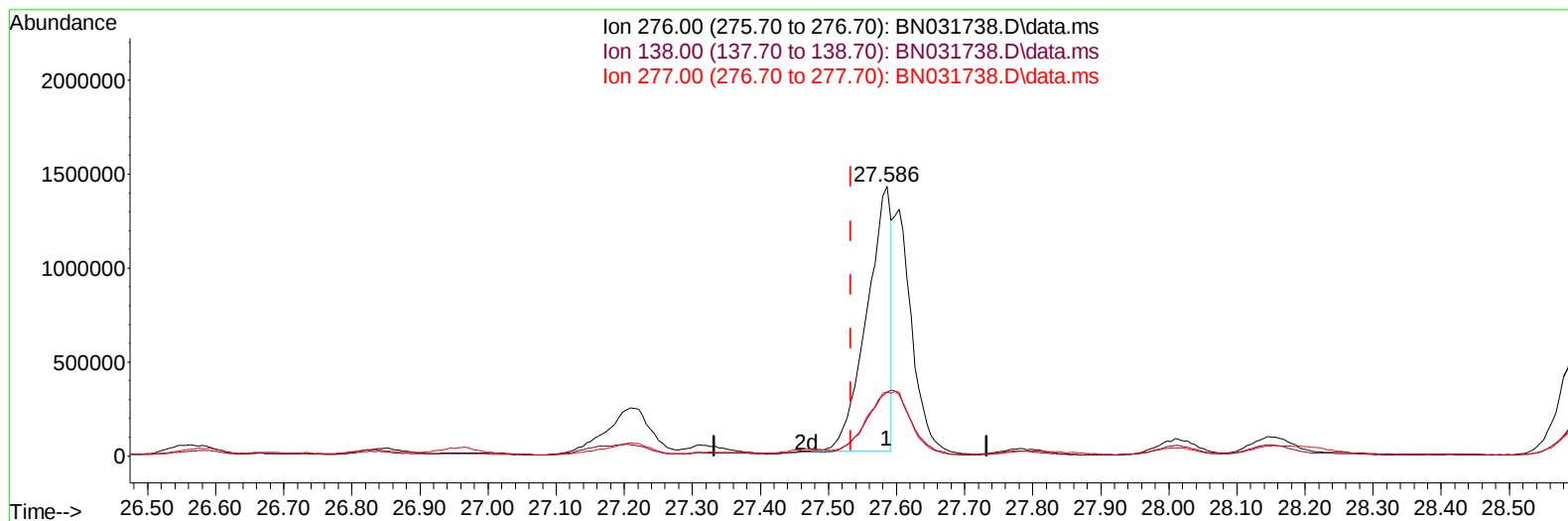
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

Manual IntegrationsAPPROVED

Quant Time: May 31 12:51:13 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 :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BN031738.D\data.ms

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

27.586min (+ 0.053) 32.50 ng/u1

response 3513643

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.60	23.68
277.00	22.70	23.62
0.00	0.00	0.00

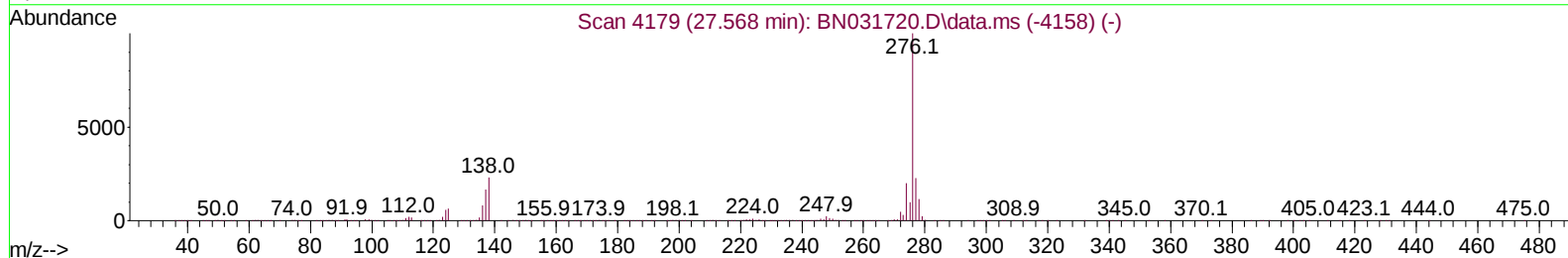
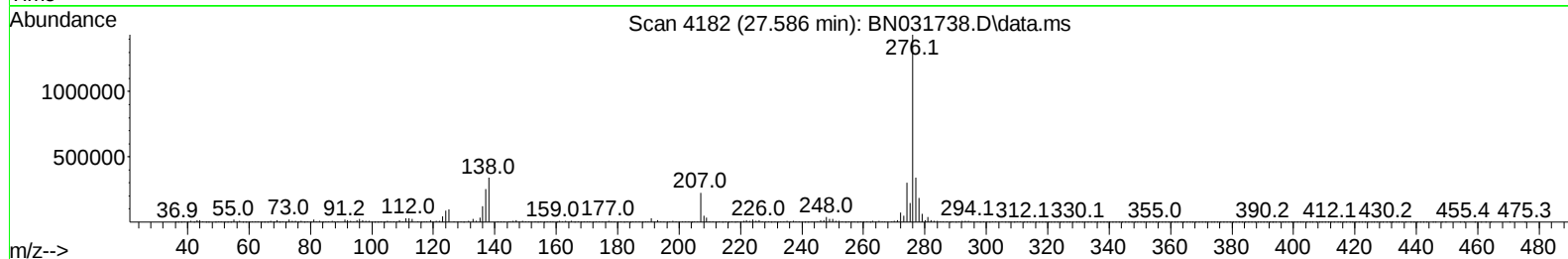
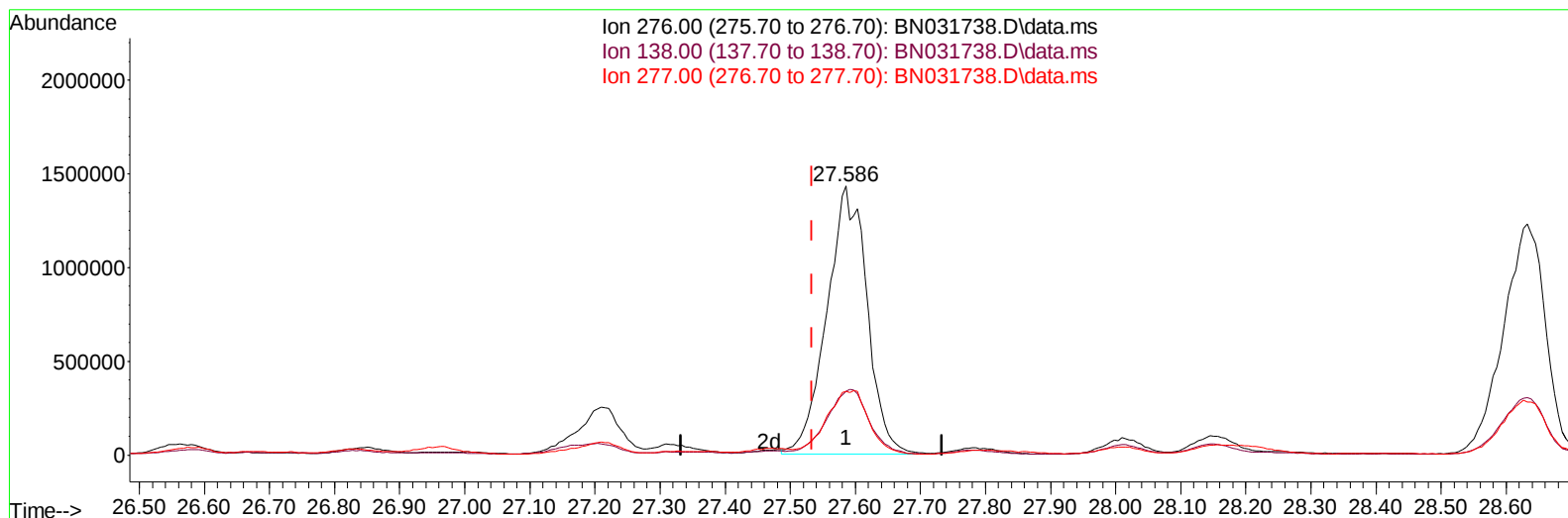
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

Manual IntegrationsAPPROVED

Quant Time: May 31 12:51:13 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 :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BN031738.D\data.ms

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

27.586min (+ 0.053) 56.64 ng/ul m

response 6123684

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.60	23.68
277.00	22.70	23.62
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031738.D
 Acq On : 31 May 2024 12:22
 Operator : MA/JU
 Sample : P2549-23
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBNI

Manual IntegrationsAPPROVED

Quant Time: May 31 13:11:49 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 :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	594213	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	2548554	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1495633	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	2574867	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1352465	20.000	ng/ul	0.01
88) Perylene-d12	24.257	264	1675807	20.000	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	44915	3.127	ng/uL	0.00
4) Pyridine-d5	3.593	84	575866	14.243	ng/ul	0.00
7) Phenol-d5	6.852	99	1087075	21.340	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	614524	20.624	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	862845	22.199	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	824194	19.848	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	437539	22.454	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	467382	23.219	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	831674	22.132	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	481841	8.636	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2374793	22.792	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2834389	23.658	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	277175	13.286	ng/ul	0.00
60) Fluorene-d10	15.316	176	1990193	22.574	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	106535	8.231	ng/ul	0.00
73) Anthracene-d10	17.169	188	2610607	23.682	ng/ul	0.00
81) Pyrene-d10	19.469	212	2140258	29.572	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.063	264	1889615	23.614	ng/ul	0.02
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.834	77	69058	2.890	ng/ul	93
30) Naphthalene	10.516	128	1095521	8.306	ng/ul	100
36) 2-Methylnaphthalene	12.134	142	477154	5.293	ng/ul	99
37) 1-Methylnaphthalene	12.351	142	371750	4.110	ng/ul	93
43) 1,1'-Biphenyl	13.151	154	166887	1.586	ng/ul	96
50) Acenaphthylene	14.045	152	1777590	13.128	ng/ul	99
52) Acenaphthene	14.387	153	790233	8.821	ng/ul	99
56) Dibenzofuran	14.722	168	1285390	10.560	ng/ul	95
61) Fluorene	15.375	166	1246717	12.719	ng/ul	98
72) Phenanthrene	17.122	178	15010047	114.435	ng/ul	97
74) Anthracene	17.204	178	3915093	29.457	ng/ul	99
77) Carbazole	17.475	167	2022530	17.846	ng/ul	98
78) Di-n-butylphthalate	18.045	149	183384	1.176	ng/ul#	95
80) Fluoranthene	19.139	202	16298875	188.441	ng/ul	98
82) Pyrene	19.504	202	15114779	170.323	ng/ul	99
85) Benzo(a)anthracene	21.298	228	8785995	97.054	ng/ul	96
87) Chrysene	21.357	228	9049154m	107.017	ng/ul	
90) Benzo(b)fluoranthene	23.345	252	11636378	116.170	ng/ul	98
91) Benzo(k)fluoranthene	23.398	252	4518826m	45.974	ng/ul	
93) Benzo(a)pyrene	24.133	252	8377073	89.293	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.586	276	6123684m	56.645	ng/ul	
95) Dibenzo(a,h)anthracene	27.627	278	1695213	19.207	ng/ul#	93
96) Benzo(g,h,i)perylene	28.633	276	5530114	64.351	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

Quant Time: May 31 13:11:49 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

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\BN053124\
 Data File : BN031738.D
 Acq On : 31 May 2024 12:22
 Operator : MA/JU
 Sample : P2549-23
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBN1

Manual IntegrationsAPPROVED

Quant Time: May 31 13:11:49 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 :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

