

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031790.D
 Acq On : 05 Jun 2024 00:08
 Operator : MA/JU
 Sample : P2591-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_N

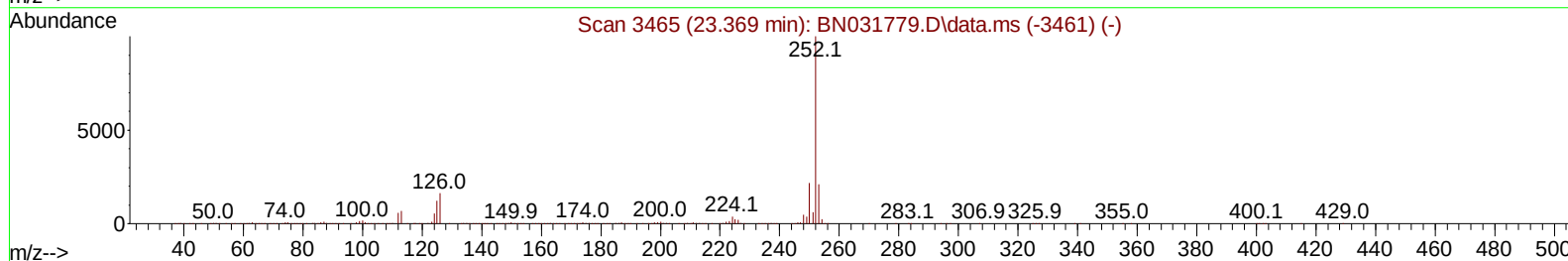
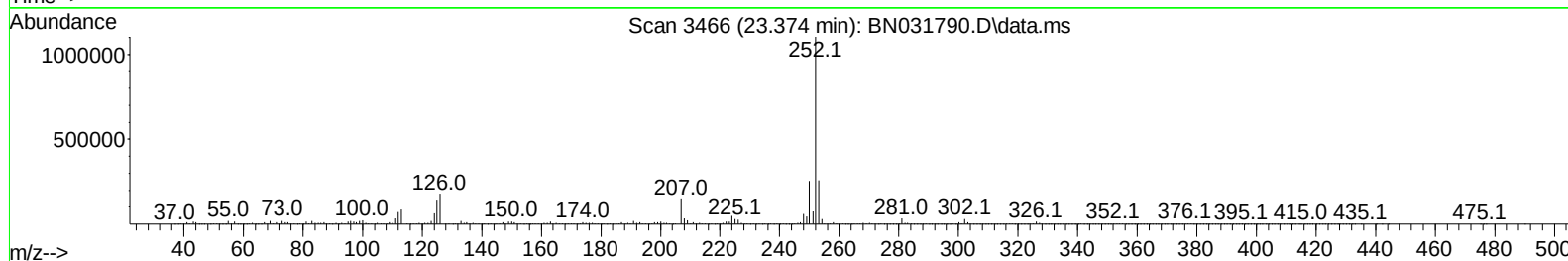
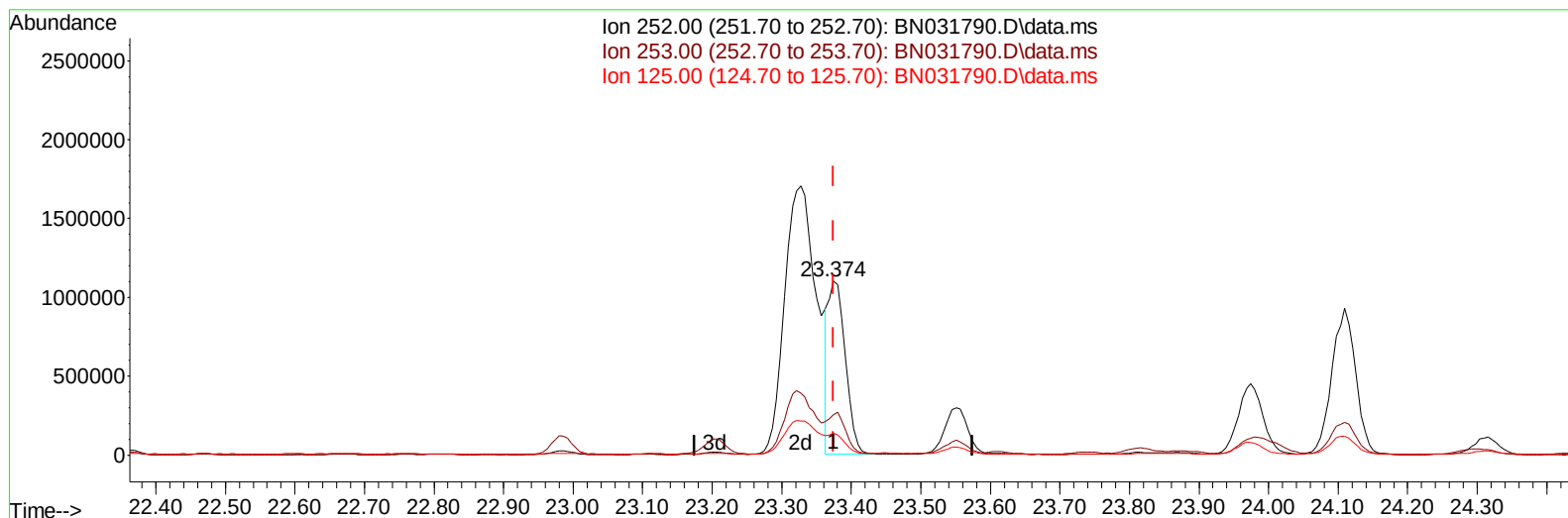
ClientSampleId :

BHBQ6

Manual IntegrationsAPPROVED

Quant Time: Jun 05 00:39:37 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 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BN031790.D\data.ms

(91) Benzo(k)fluoranthene

23.374min (-0.000) 18.72 ng/u1

response 1833102

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.28
125.00	11.80	12.64
0.00	0.00	0.00

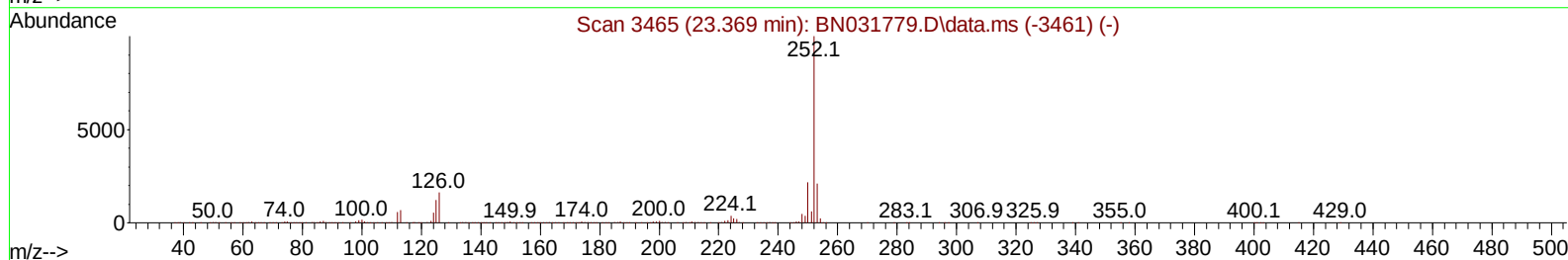
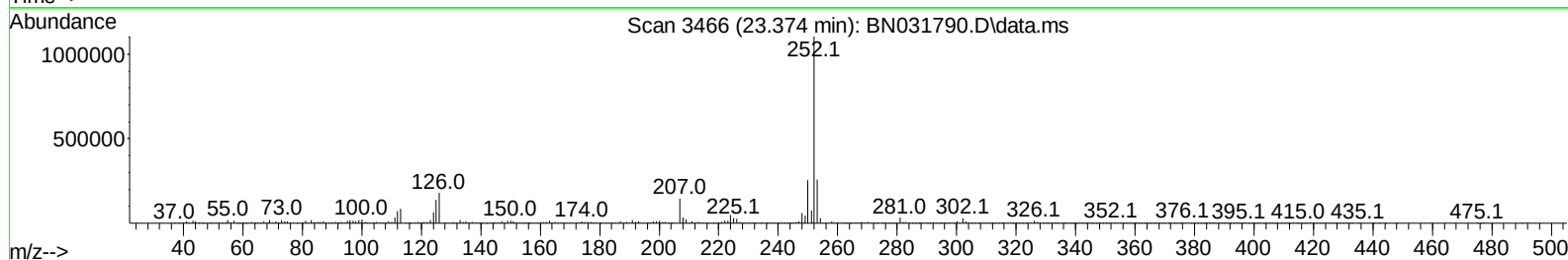
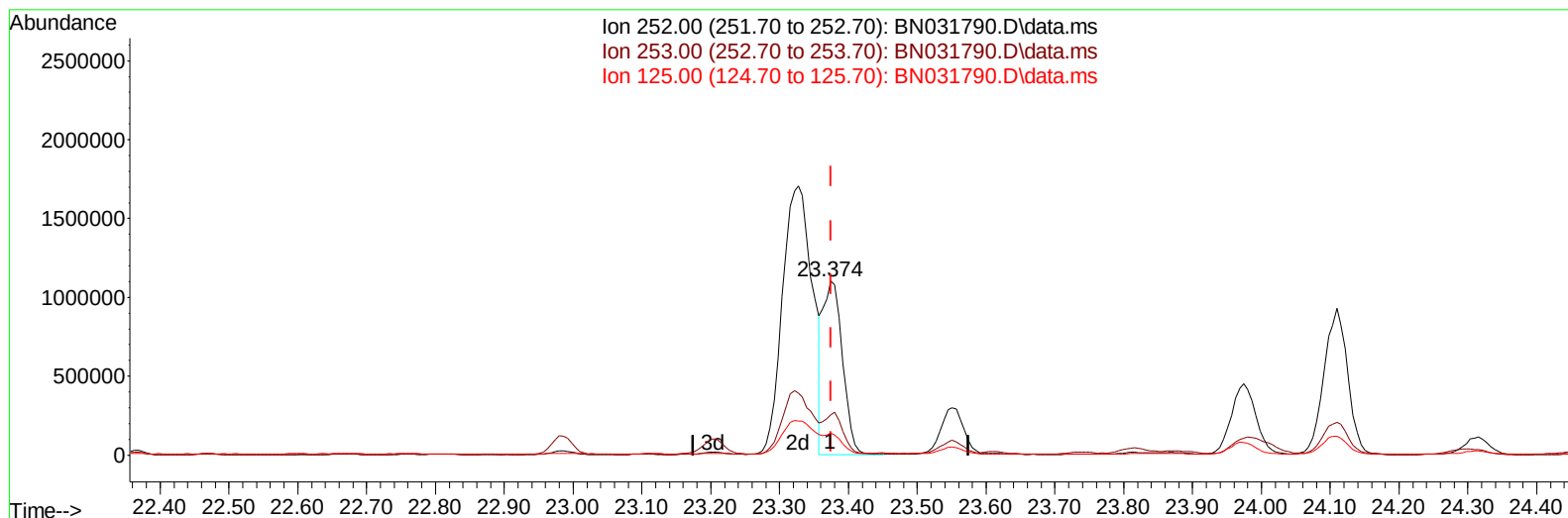
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031790.D
Acq On : 05 Jun 2024 00:08
Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

Manual IntegrationsAPPROVED

Quant Time: Jun 05 00:39:37 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 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BN031790.D\data.ms

(91) Benzo(k)fluoranthene

23.374min (-0.000) 22.33 ng/u1 m

response 2186843

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.28
125.00	11.80	12.64
0.00	0.00	0.00

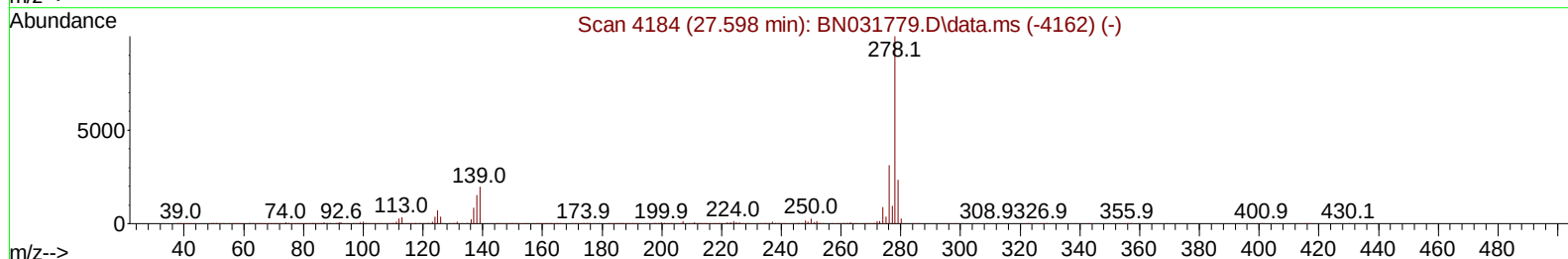
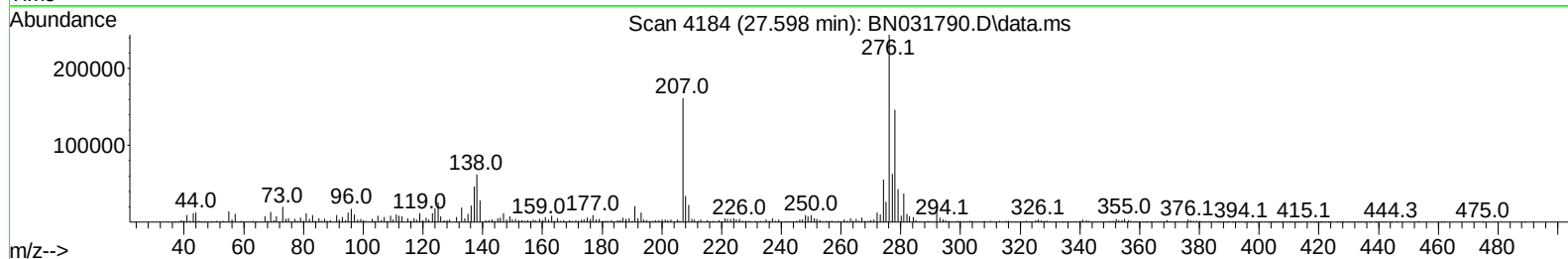
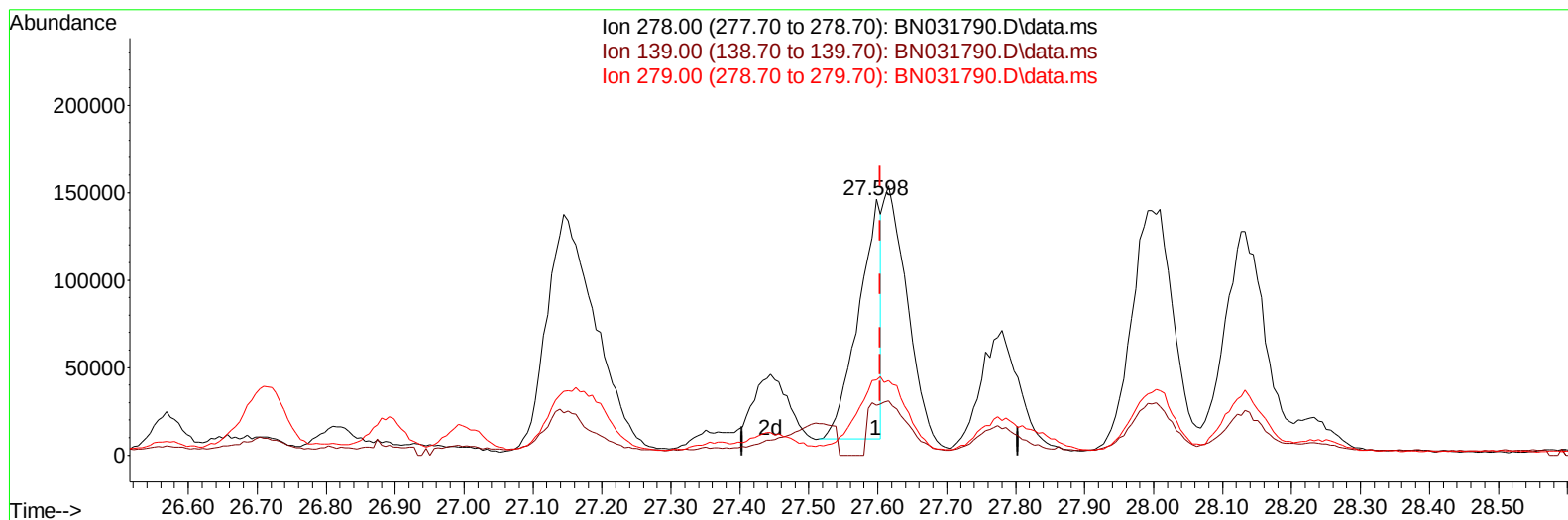
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031790.D
Acq On : 05 Jun 2024 00:08
Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

Manual IntegrationsAPPROVED

Quant Time: Jun 05 02:08:00 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 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BN031790.D\data.ms

(95) Dibenzo(a,h)anthracene

27.598min (-0.006) 3.55 ng/u1

response 311740

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	19.51
279.00	21.70	29.45#
0.00	0.00	0.00

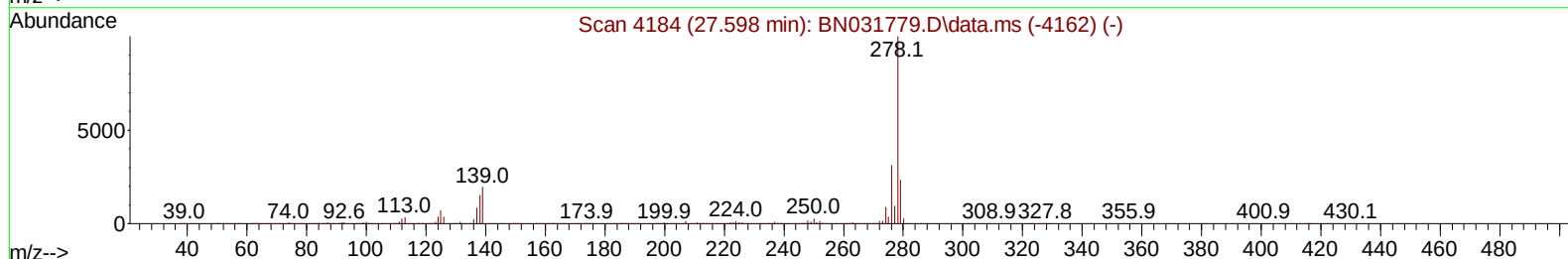
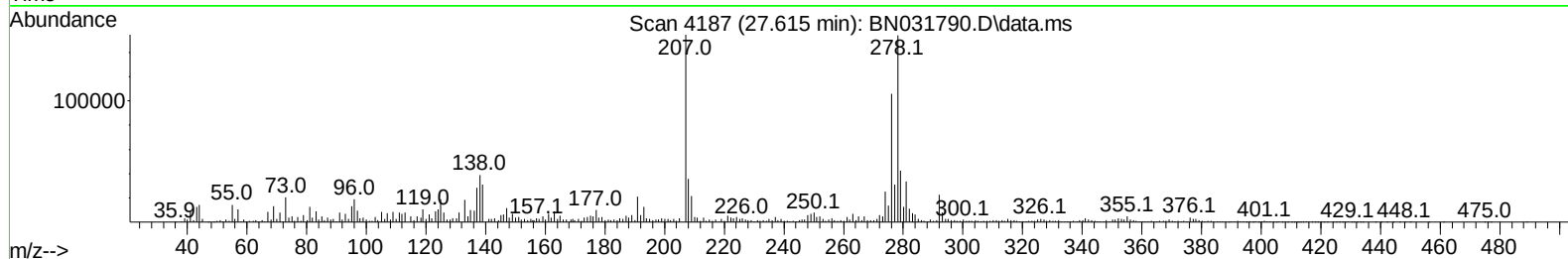
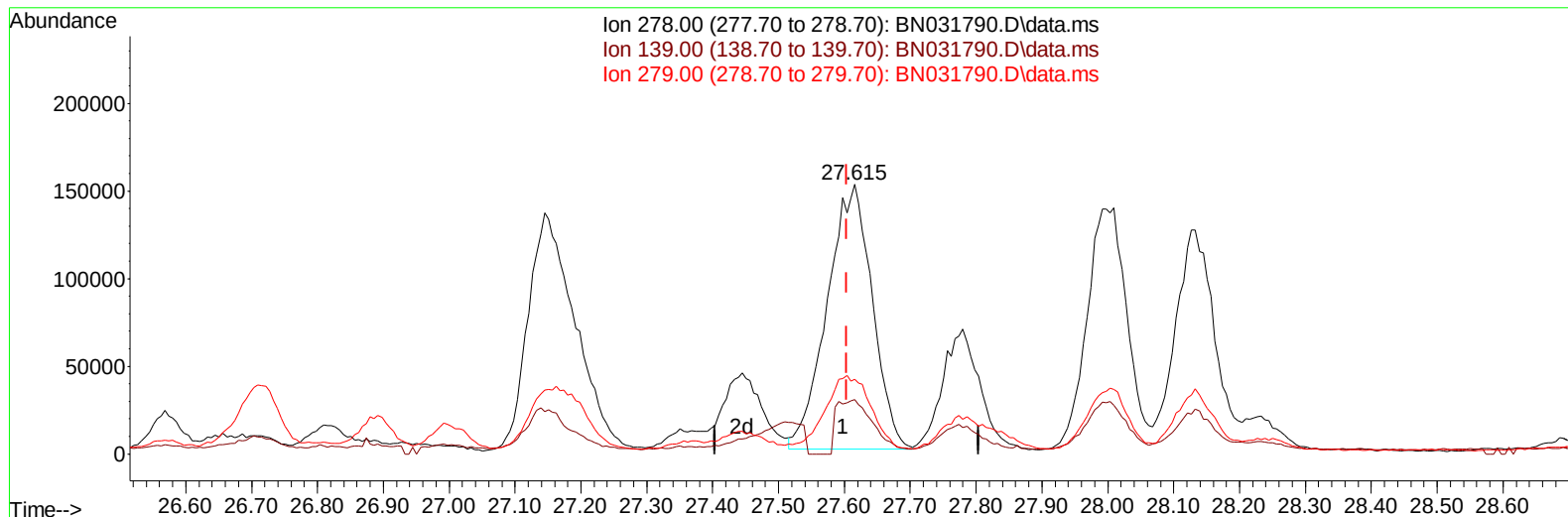
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031790.D
Acq On : 05 Jun 2024 00:08
Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

Manual IntegrationsAPPROVED

Quant Time: Jun 05 02:08:00 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 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BN031790.D\data.ms

(95) Dibenzo(a,h)anthracene

27.615min (+ 0.012) 8.15 ng/ul m

response 717008

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	20.14
279.00	21.70	27.76#
0.00	0.00	0.00

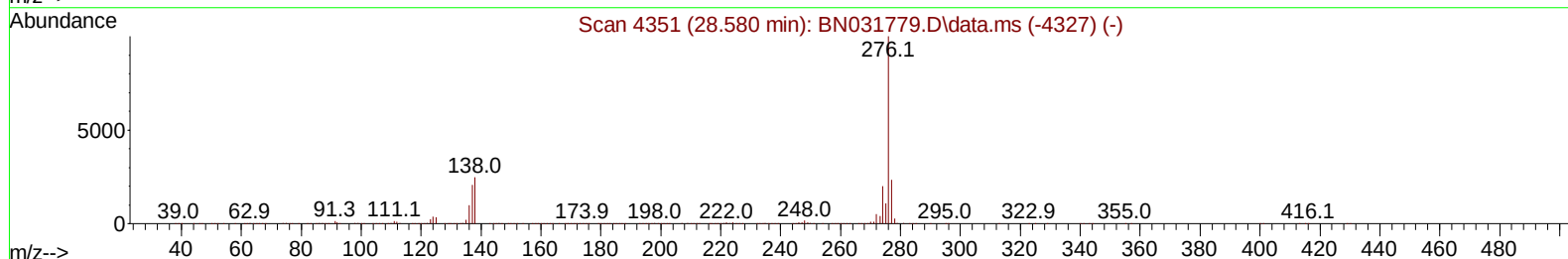
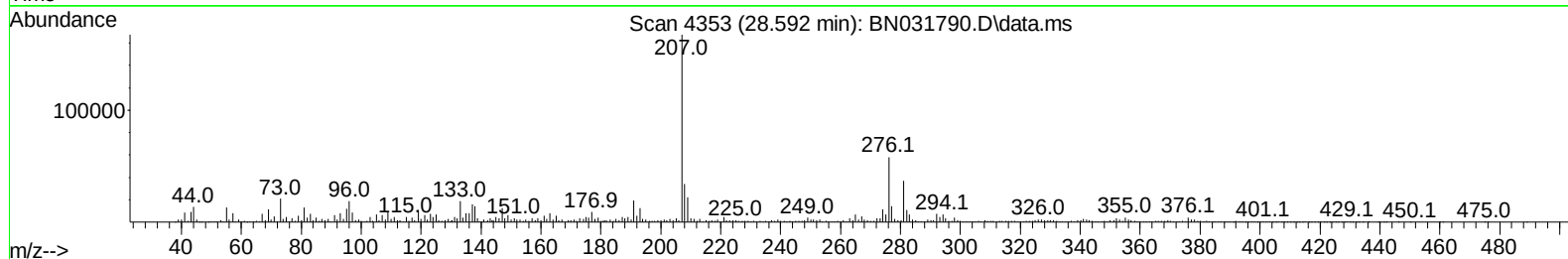
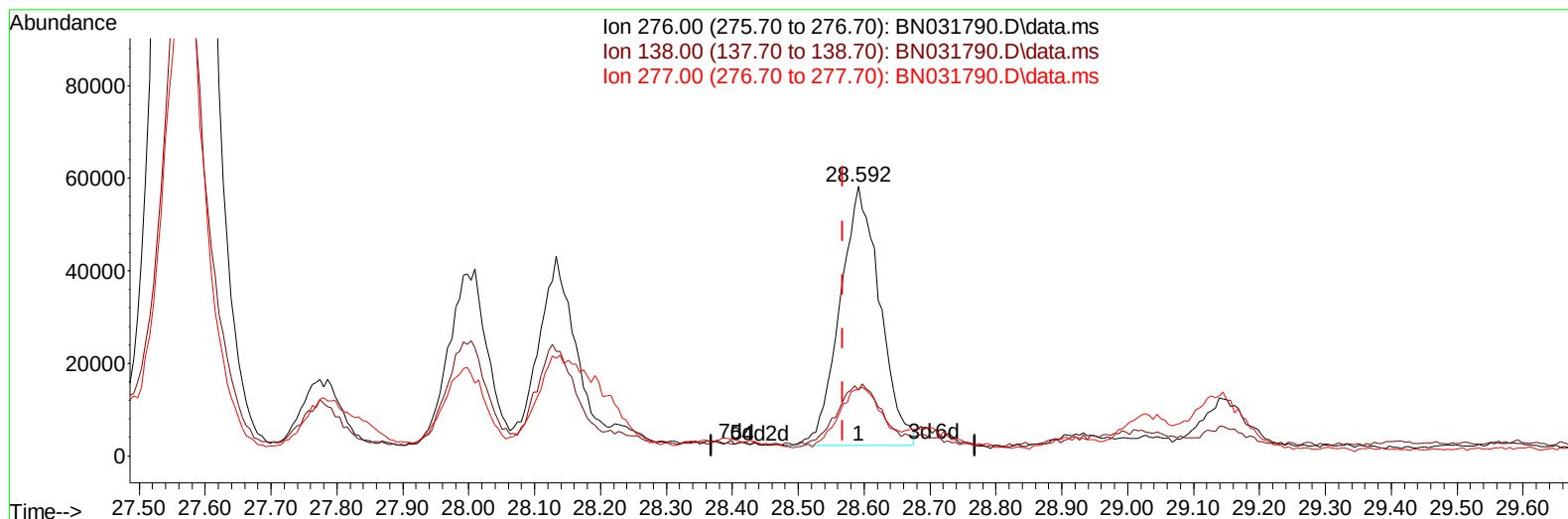
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031790.D
Acq On : 05 Jun 2024 00:08
Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

Manual IntegrationsAPPROVED

Quant Time: Jun 05 02:08:00 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 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BN031790.D\data.ms

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

28.592min (+ 0.023) 2.76 ng/u1

response 235912

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	24.34
277.00	22.50	24.74
0.00	0.00	0.00

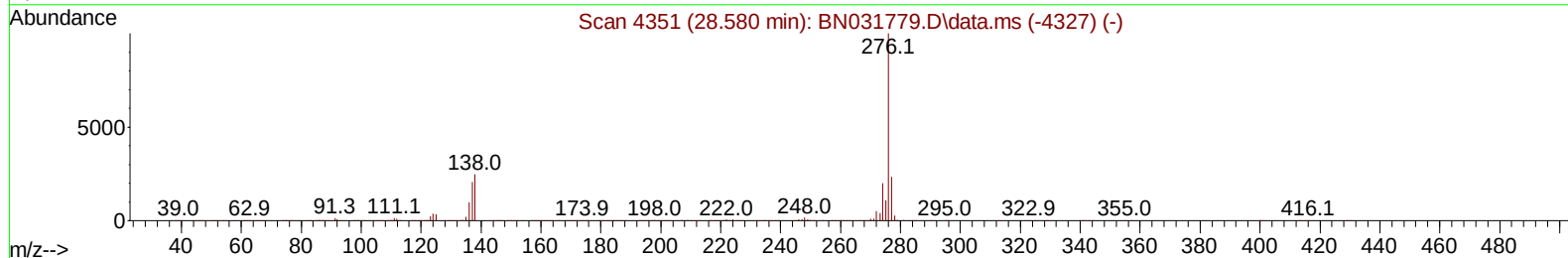
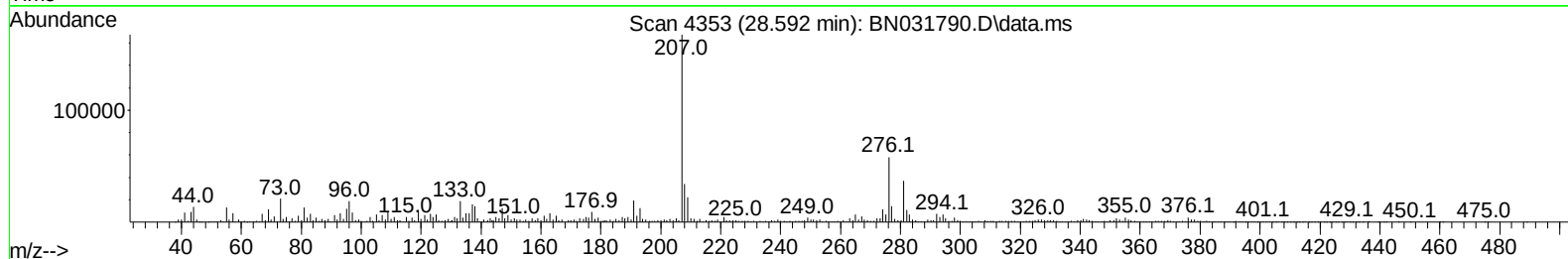
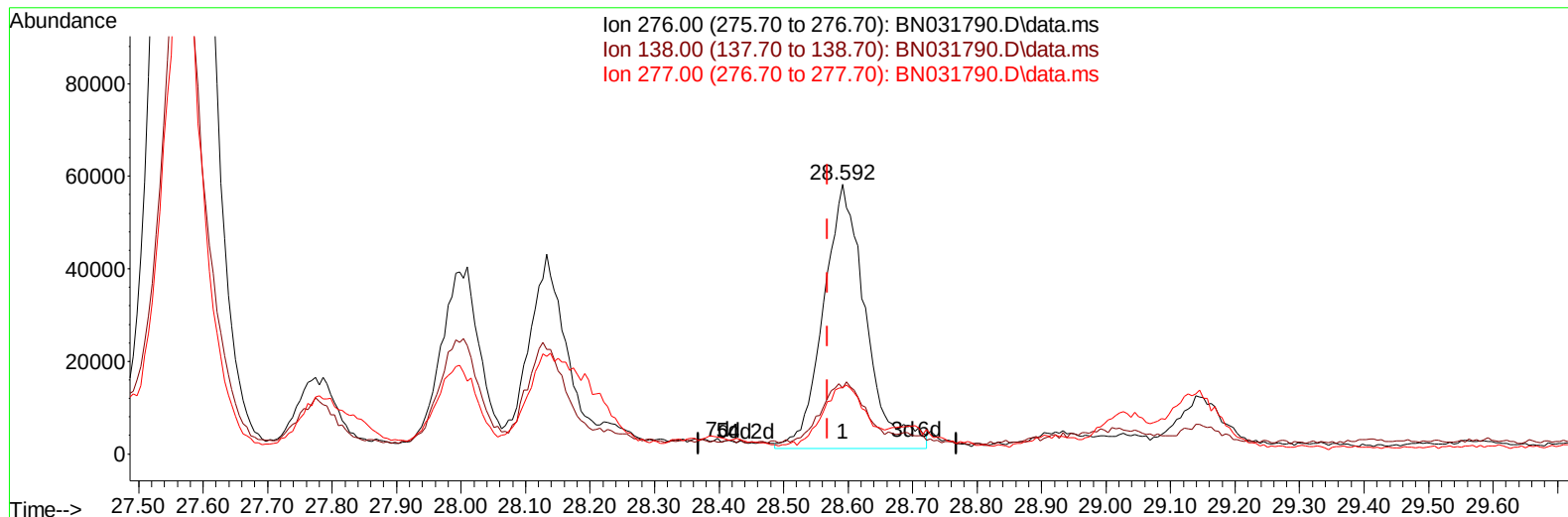
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031790.D
Acq On : 05 Jun 2024 00:08
Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

Manual IntegrationsAPPROVED

Quant Time: Jun 05 02:08:00 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 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BN031790.D\data.ms

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

28.592min (+ 0.023) 3.03 ng/ul m

response 259598

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	24.34
277.00	22.50	24.74
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031790.D
 Acq On : 05 Jun 2024 00:08
 Operator : MA/JU
 Sample : P2591-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ6

Manual IntegrationsAPPROVED

Quant Time: Jun 05 02:08:52 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 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	551847	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	2323977	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1376488	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2399391	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1389830	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1669564	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	52212	3.914	ng/uL	0.00
4) Pyridine-d5	3.599	84	522172	13.906	ng/ul	0.00
7) Phenol-d5	6.852	99	1245812	26.334	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	664860	24.026	ng/ul	0.00
11) 2-Chlorophenol-d4	7.210	132	980676	27.167	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	963934	24.996	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	496624	27.949	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	533508	29.066	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	962601	28.091	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	731043	14.368	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2757451	28.755	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	3160461	28.663	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	437405	22.781	ng/ul	0.00
60) Fluorene-d10	15.316	176	2295263	28.288	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	142260	11.796	ng/ul	0.00
73) Anthracene-d10	17.169	188	3093072	30.111	ng/ul	0.00
81) Pyrene-d10	19.469	212	2437983	32.781	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	1665453	20.891	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.510	128	278948	2.319	ng/ul	99
36) 2-Methylnaphthalene	12.128	142	117504	1.429	ng/ul	94
37) 1-Methylnaphthalene	12.351	142	108561	1.316	ng/ul	99
50) Acenaphthylene	14.045	152	147397	1.183	ng/ul	98
52) Acenaphthene	14.387	153	363157	4.404	ng/ul	94
56) Dibenzofuran	14.722	168	521442	4.655	ng/ul	99
61) Fluorene	15.375	166	465950	5.165	ng/ul	95
72) Phenanthrene	17.116	178	8690038	71.097	ng/ul	99
74) Anthracene	17.204	178	1971002	15.914	ng/ul	99
77) Carbazole	17.475	167	1149758	10.887	ng/ul	99
78) Di-n-butylphthalate	18.039	149	335921	2.312	ng/ul	99
80) Fluoranthene	19.139	202	10405799	117.073	ng/ul	98
82) Pyrene	19.498	202	7298075	80.028	ng/ul	99
83) Butylbenzylphthalate	20.404	149	64797	1.504	ng/ul	86
85) Benzo(a)anthracene	21.286	228	4488563	48.250	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	385020	6.132	ng/ul	96
87) Chrysene	21.351	228	4208953	48.438	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	5111720	51.223	ng/ul	96
91) Benzo(k)fluoranthene	23.374	252	2186843m	22.332	ng/ul	
93) Benzo(a)pyrene	24.110	252	2209818	23.643	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.568	276	1942078	18.032	ng/ul	99
95) Dibenzo(a,h)anthracene	27.615	278	717008m	8.154	ng/ul	
96) Benzo(g,h,i)perylene	28.592	276	259598m	3.032	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031790.D
Acq On : 05 Jun 2024 00:08
Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 02:08:52 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

