

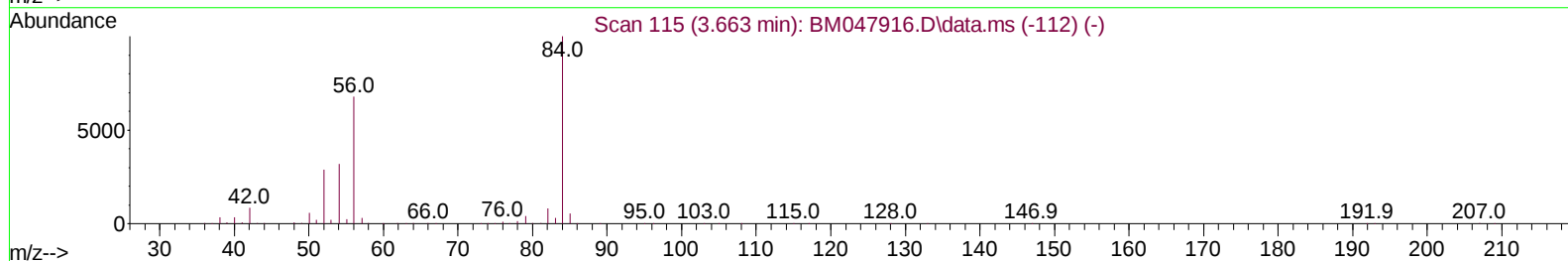
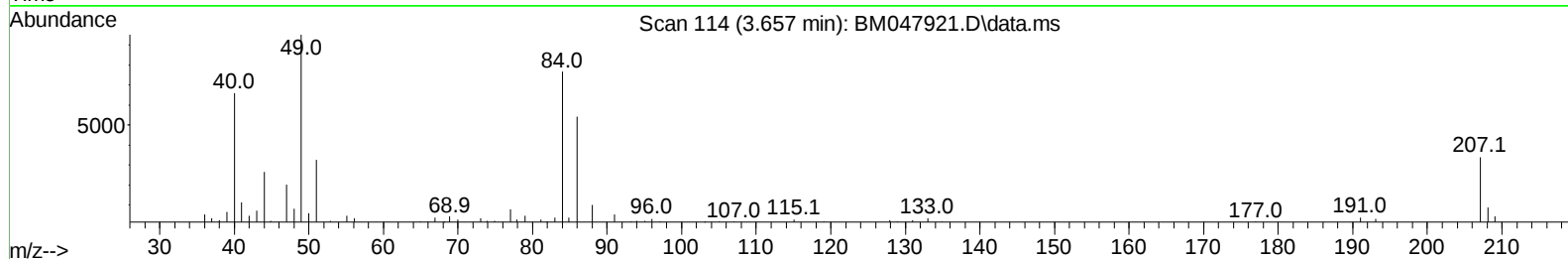
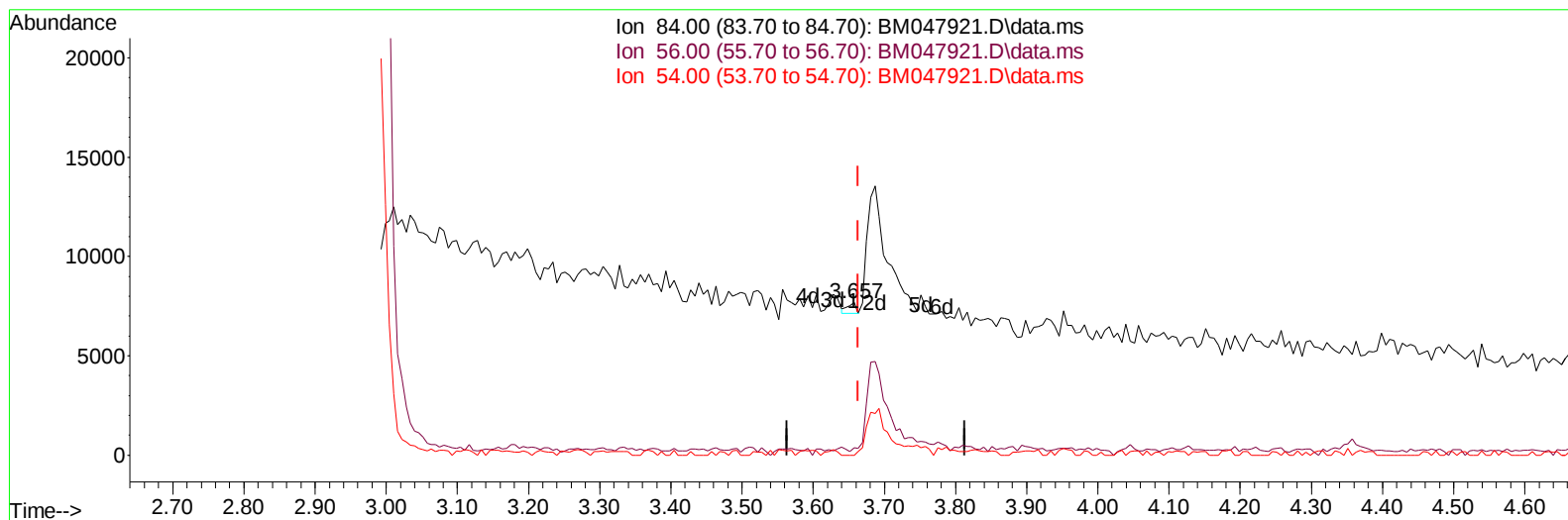
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047921.D
Acq On : 08 Oct 2024 20:24
Operator : RC/JU
Sample : P4183-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EM4

Manual IntegrationsAPPROVED

Quant Time: Oct 09 01:43:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047921.D\data.ms

(4) Pyridine-d5 (S)

3.657min (-0.006) 0.02 ng/u1

response 419

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	75.30	4.67#
54.00	36.10	0.00#
0.00	0.00	0.00

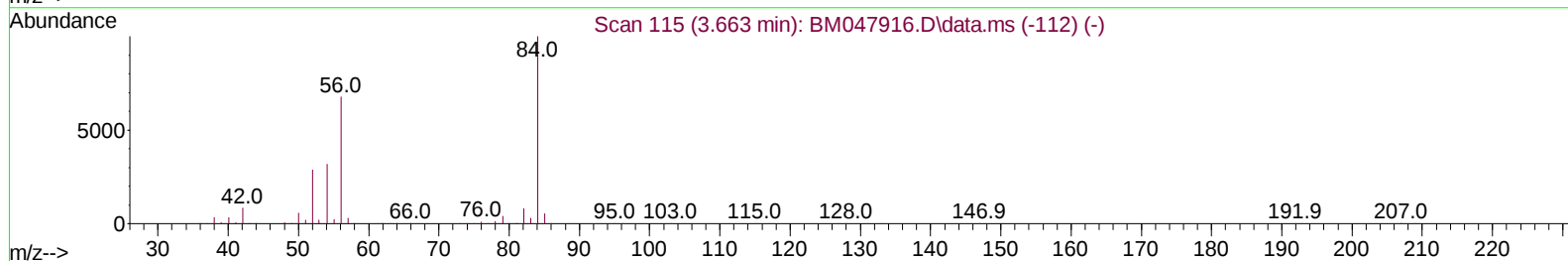
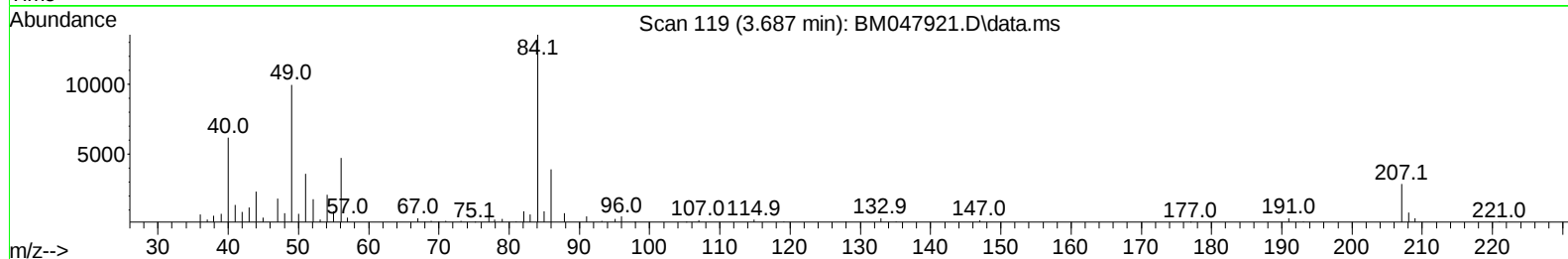
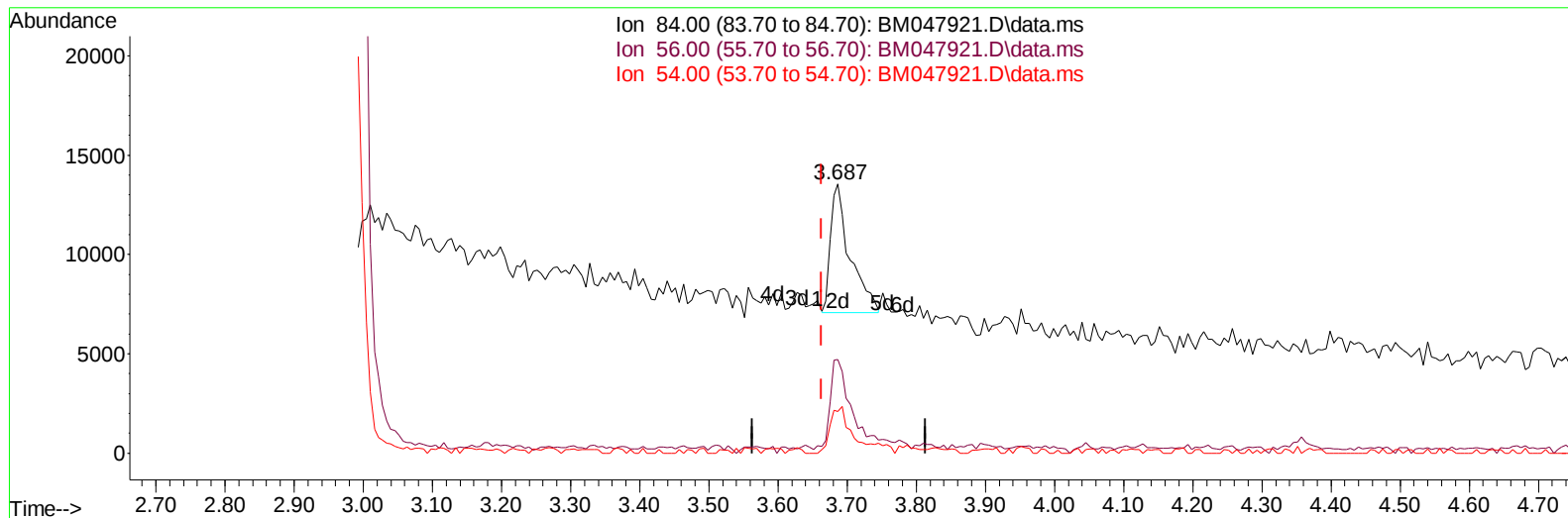
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047921.D
Acq On : 08 Oct 2024 20:24
Operator : RC/JU
Sample : P4183-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EM4

Manual IntegrationsAPPROVED

Quant Time: Oct 09 01:43:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047921.D\data.ms

(4) Pyridine-d5 (S)

3.687min (+ 0.024) 0.64 ng/ul m

response 12723

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	75.30	34.87#
54.00	36.10	15.53#
0.00	0.00	0.00

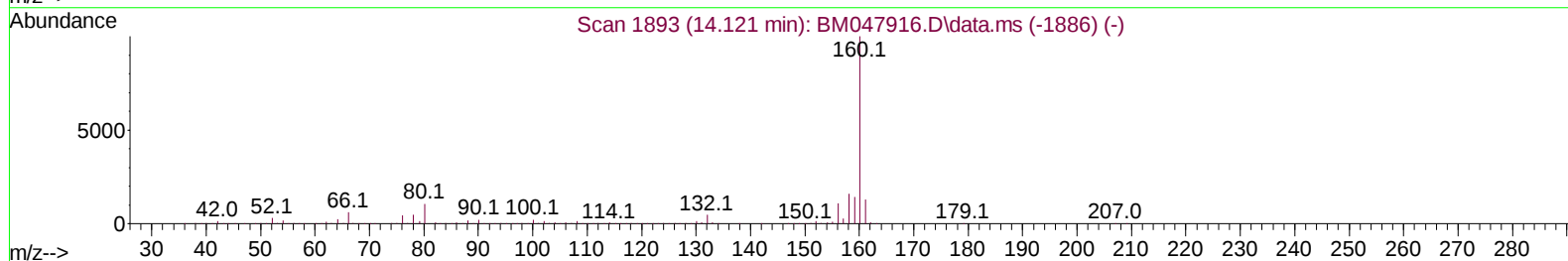
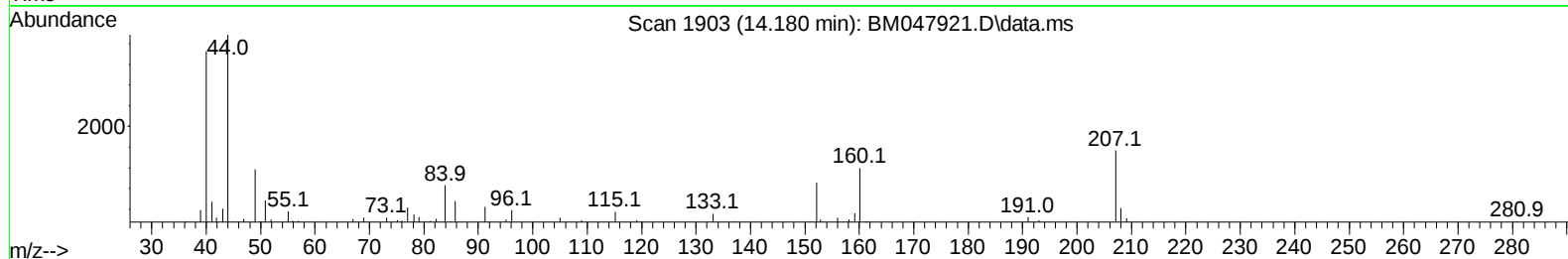
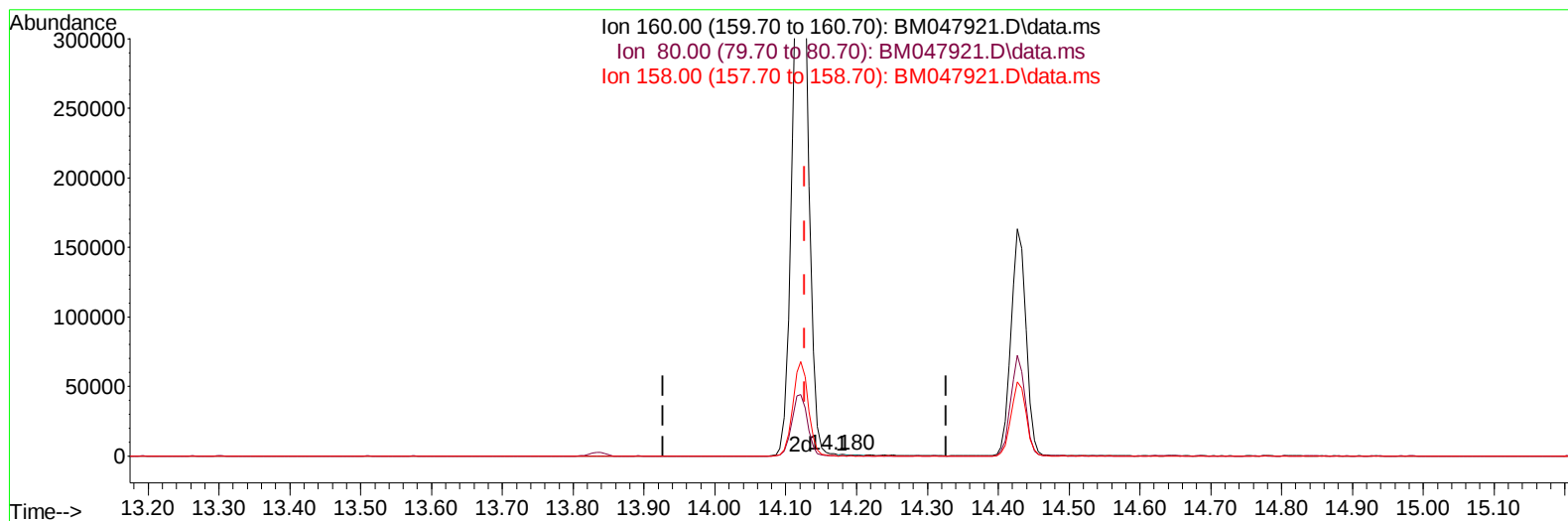
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047921.D
Acq On : 08 Oct 2024 20:24
Operator : RC/JU
Sample : P4183-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EM4

Manual IntegrationsAPPROVED

Quant Time: Oct 09 01:43:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047921.D\data.ms

(49) Acenaphthylene-d8 (S)

14.180min (+ 0.053) 0.02 ng/u1

response 804

Ion	Exp%	Act%
160.00	100.00	100.00
80.00	12.90	13.18
158.00	15.50	16.43
0.00	0.00	0.00

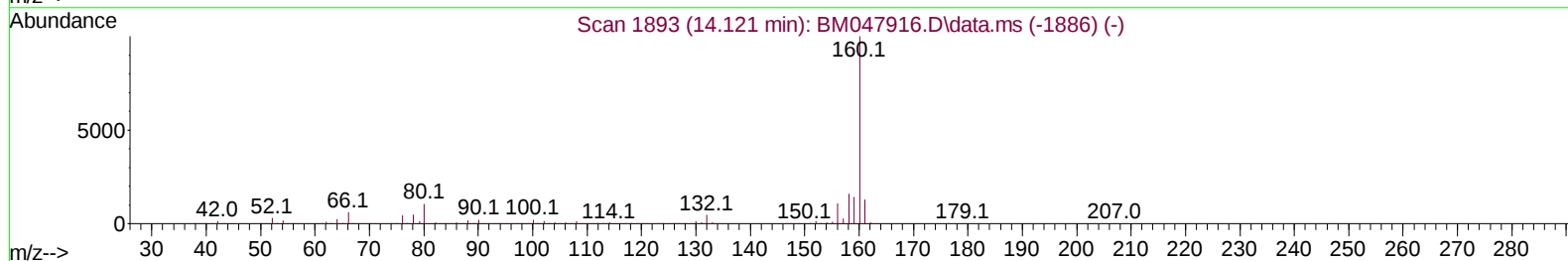
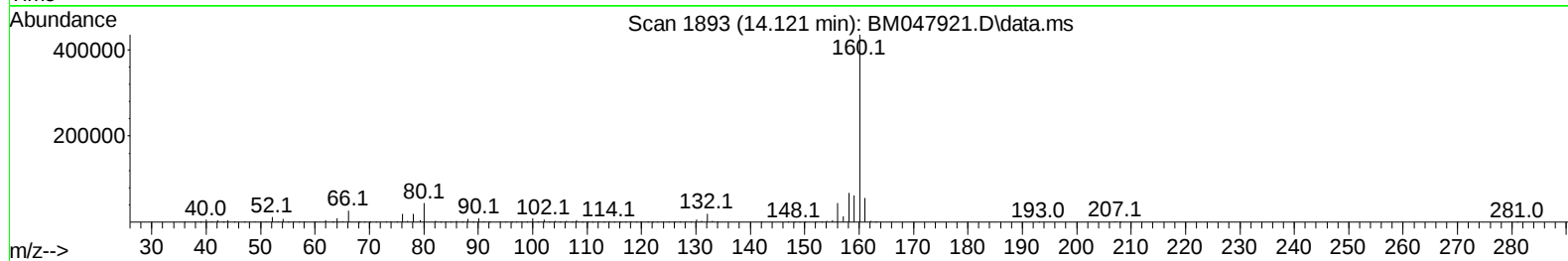
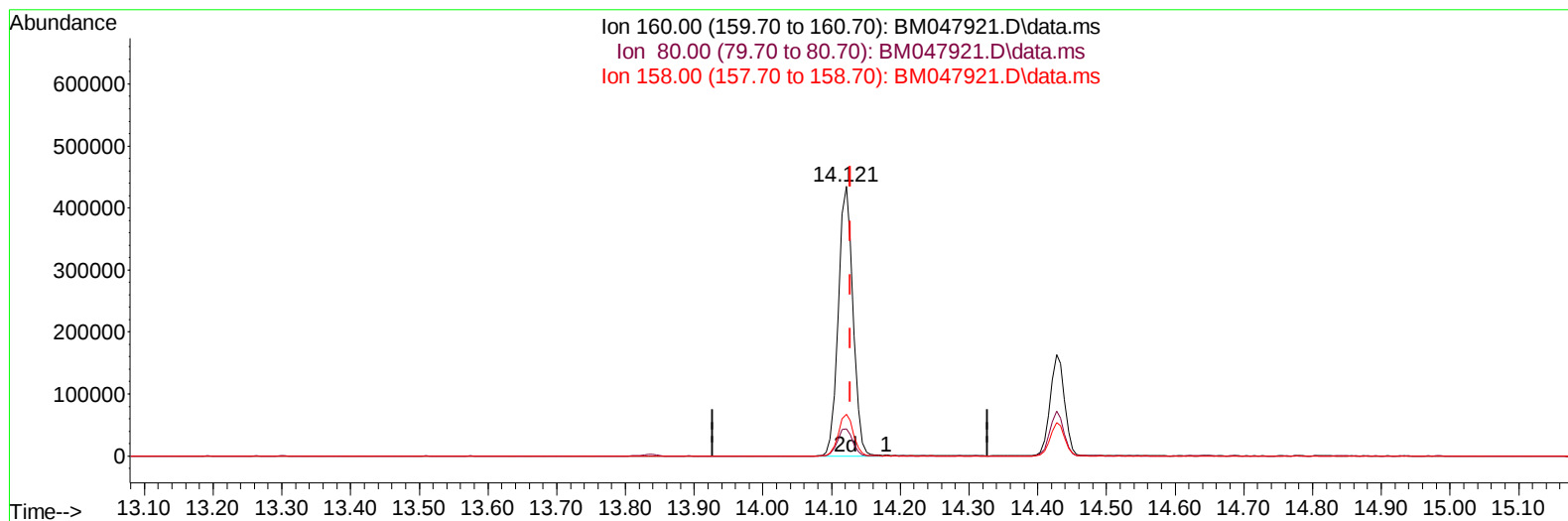
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047921.D
Acq On : 08 Oct 2024 20:24
Operator : RC/JU
Sample : P4183-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EM4

Manual IntegrationsAPPROVED

Quant Time: Oct 09 01:43:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047921.D\data.ms

(49) Acenaphthylene-d8 (S)

14.121min (-0.006) 14.27 ng/ul m

response 646677

Ion	Exp%	Act%
160.00	100.00	100.00
80.00	12.90	10.17#
158.00	15.50	15.58
0.00	0.00	0.00

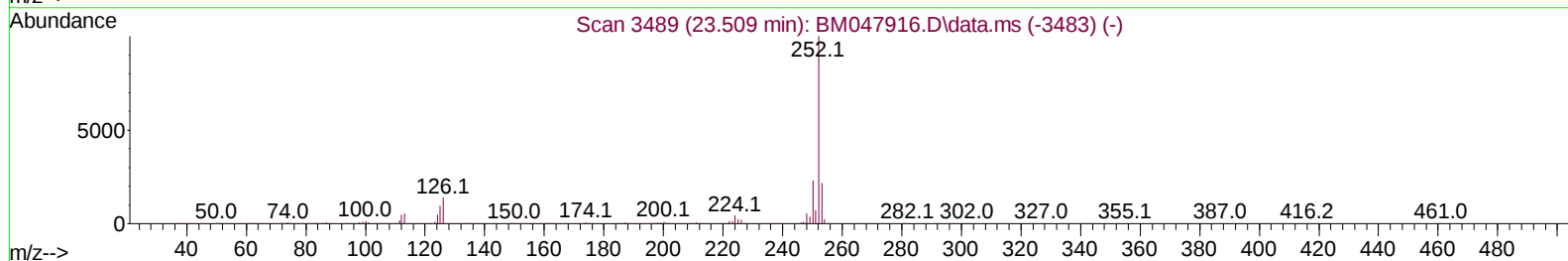
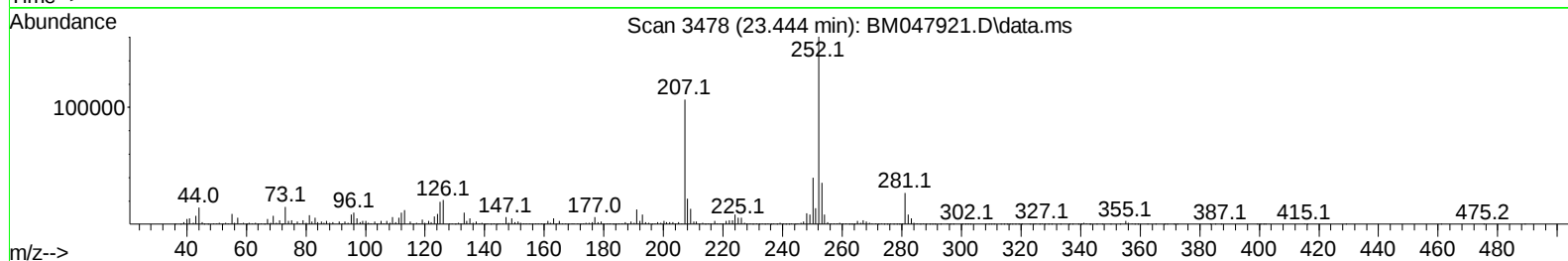
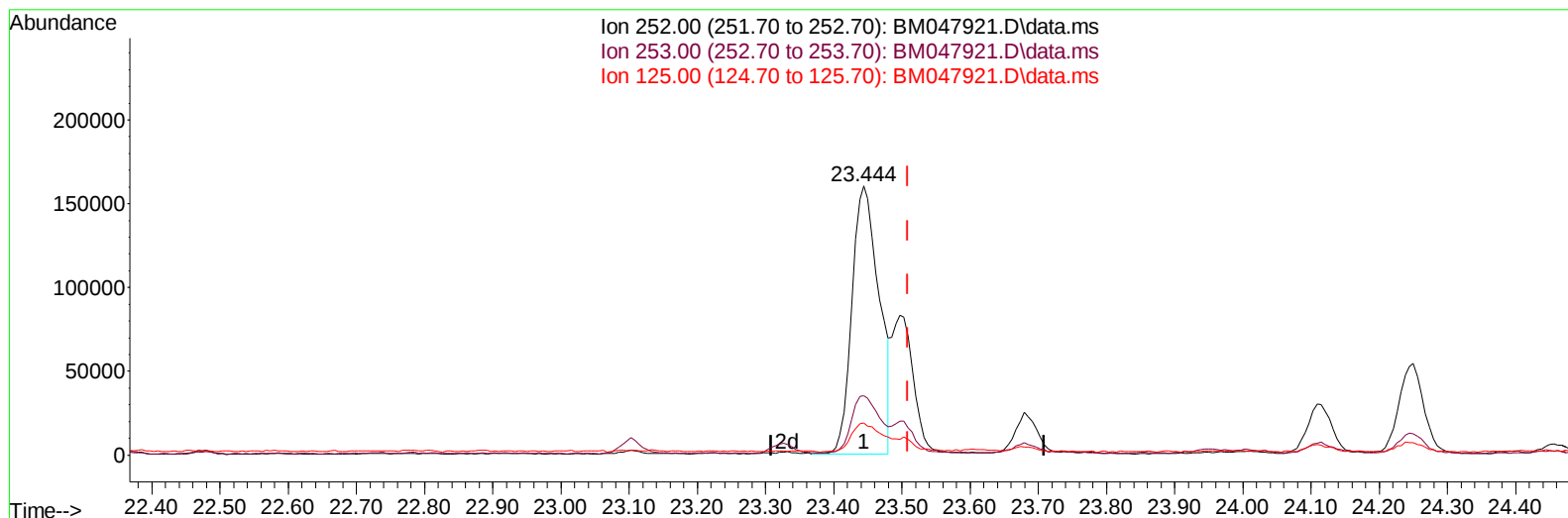
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047921.D
Acq On : 08 Oct 2024 20:24
Operator : RC/JU
Sample : P4183-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EM4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 01:45:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration



TIC: BM047921.D\data.ms

(91) Benzo(k)fluoranthene

23.444min (-0.065) 6.28 ng/u1

response 442134

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.03
125.00	11.10	11.82
0.00	0.00	0.00

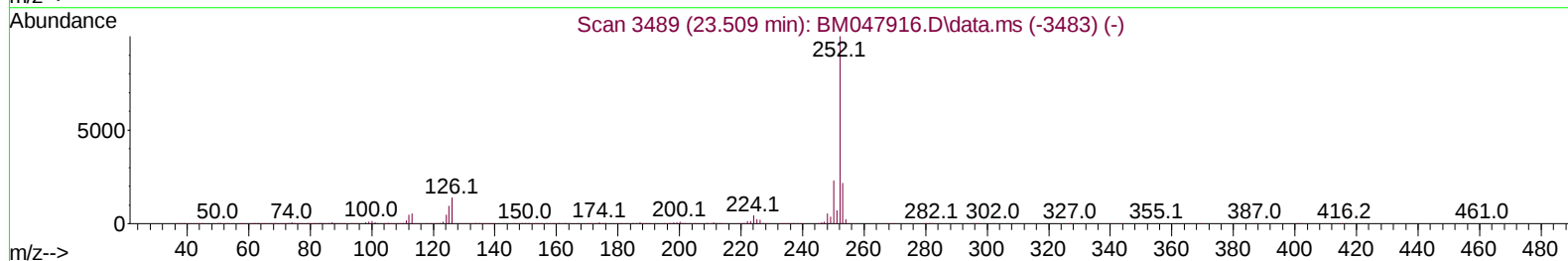
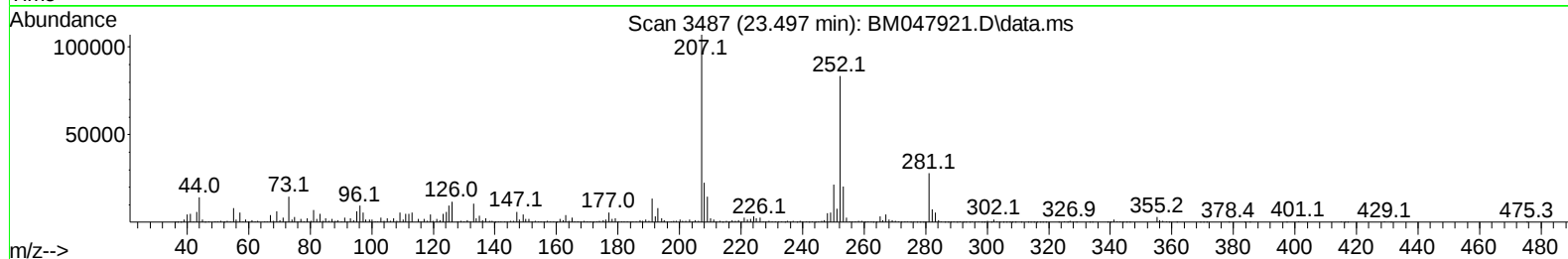
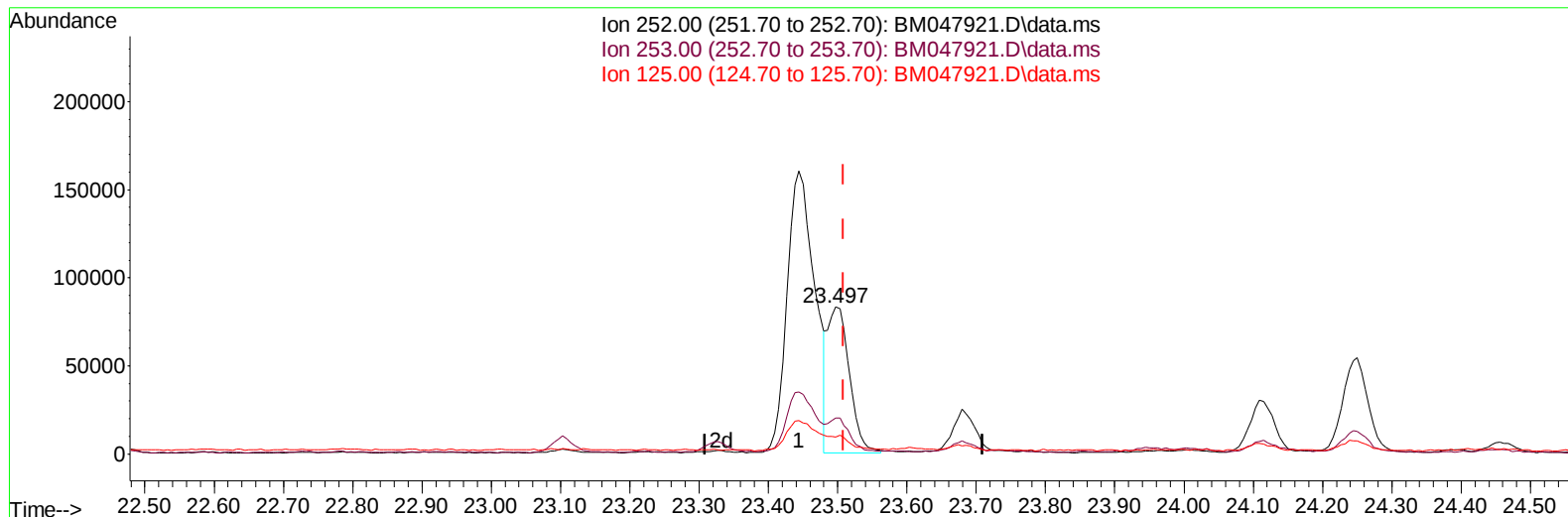
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047921.D
Acq On : 08 Oct 2024 20:24
Operator : RC/JU
Sample : P4183-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EM4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 01:45:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration



TIC: BM047921.D\data.ms

(91) Benzo(k)fluoranthene

23.497min (-0.012) 2.57 ng/u1 m

response 180700

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	24.50
125.00	11.10	11.35
0.00	0.00	0.00

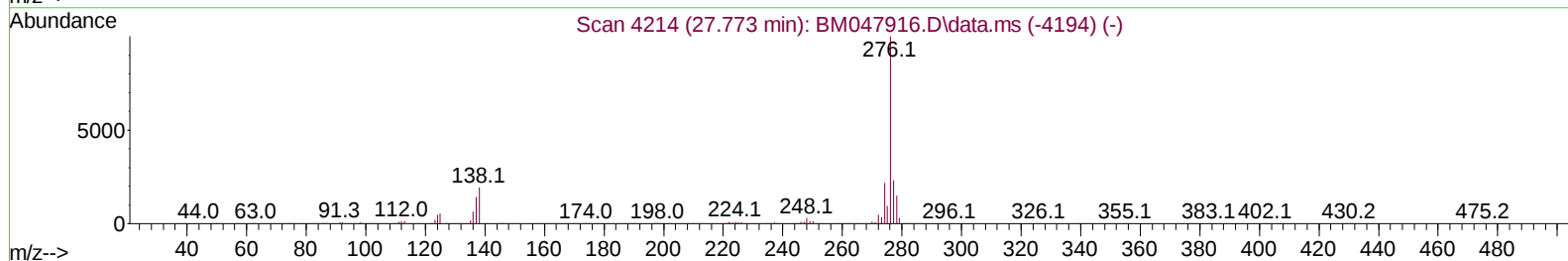
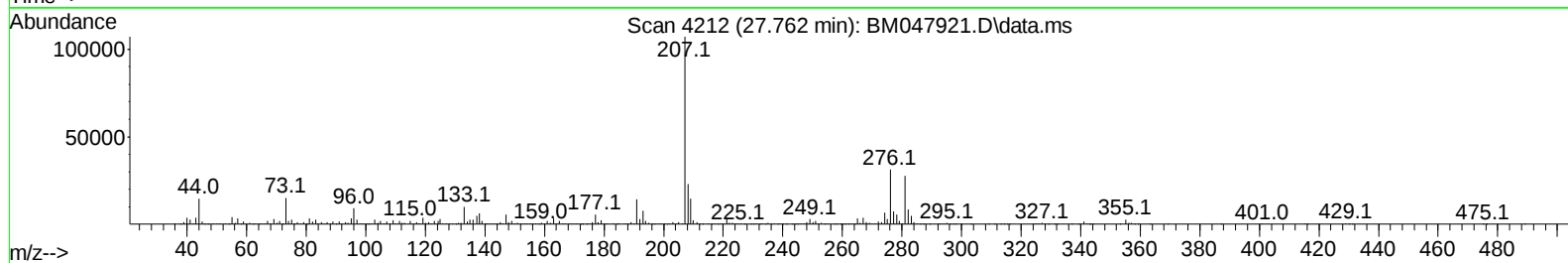
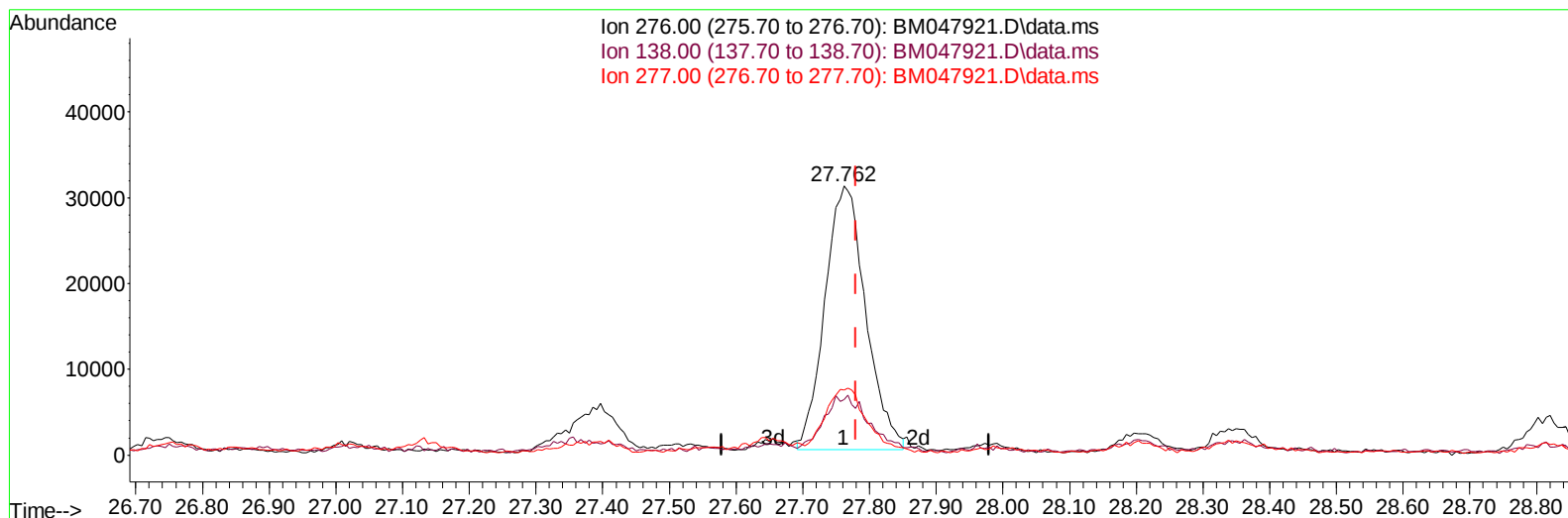
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047921.D
Acq On : 08 Oct 2024 20:24
Operator : RC/JU
Sample : P4183-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EM4

Manual IntegrationsAPPROVED

Quant Time: Oct 09 01:45:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047921.D\data.ms

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

27.762min (-0.018) 1.56 ng/u1

response 130739

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.10	20.59
277.00	23.60	24.22
0.00	0.00	0.00

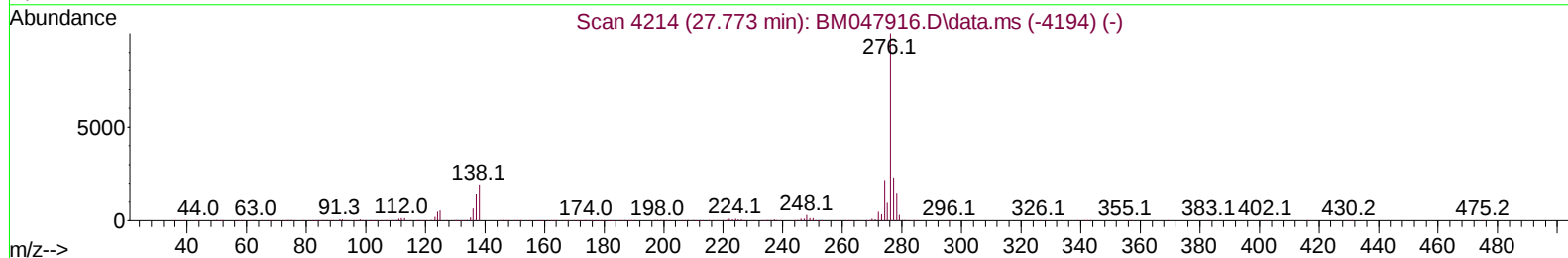
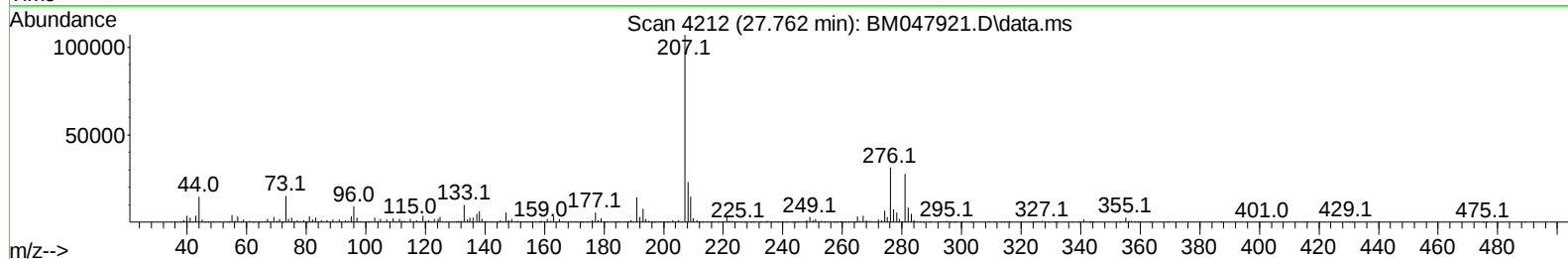
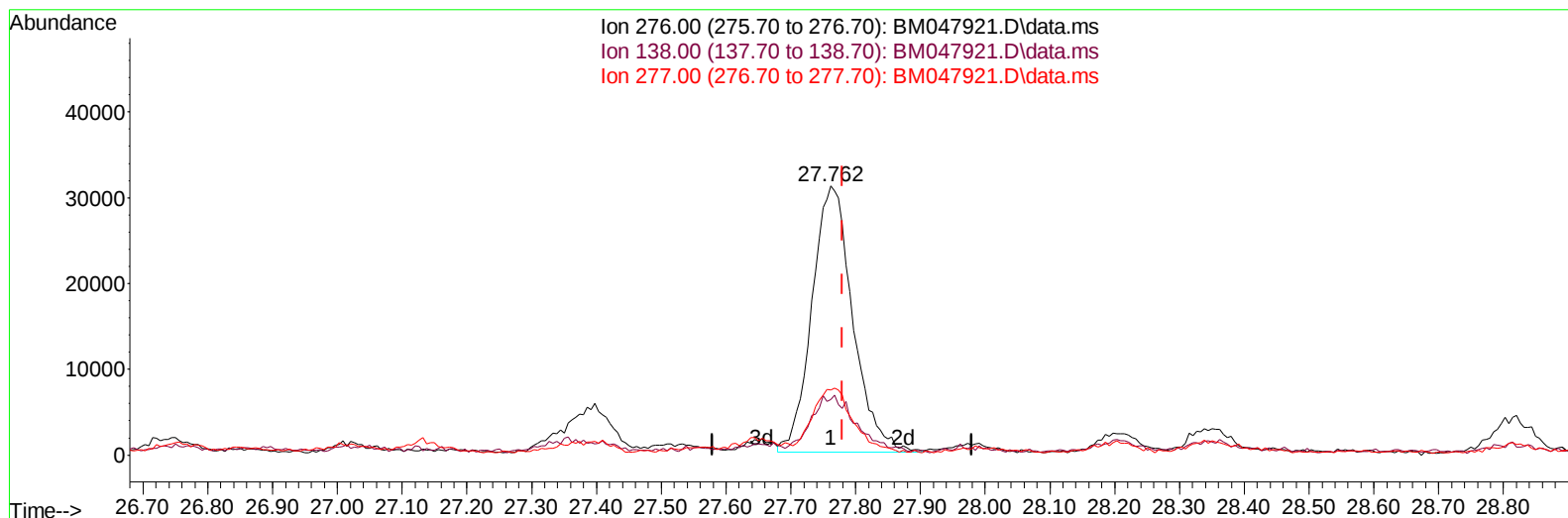
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047921.D
 Acq On : 08 Oct 2024 20:24
 Operator : RC/JU
 Sample : P4183-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EM4

Manual IntegrationsAPPROVED

Quant Time: Oct 09 01:45:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024



TIC: BM047921.D\data.ms

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

27.762min (-0.018) 1.63 ng/ul m

response 136525

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.10	20.59
277.00	23.60	24.22
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047921.D
 Acq On : 08 Oct 2024 20:24
 Operator : RC/JU
 Sample : P4183-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EM4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 01:47:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	219362	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	880880	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.427	164	527139	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1053063	20.000	ng/ul	0.00
79) Chrysene-d12	21.391	240	993084	20.000	ng/ul	0.00
88) Perylene-d12	24.391	264	1103764	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	9370	1.380	ng/uL	0.00
4) Pyridine-d5	3.687	84	12723m	0.640	ng/ul	0.02
7) Phenol-d5	6.963	99	248168	11.964	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	154942	10.527	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	205605	13.624	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	176638	11.453	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	94096	13.416	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	99136	14.750	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	192344	14.326	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	188590	9.086	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	561654	14.696	ng/ul	0.00
49) Acenaphthylene-d8	14.121	160	646677m	14.271	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	65573	8.618	ng/ul	0.00
60) Fluorene-d10	15.421	176	495428	14.966	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	49202	7.984	ng/ul	0.00
73) Anthracene-d10	17.262	188	751483	14.513	ng/ul	-0.01
81) Pyrene-d10	19.550	212	747637	13.265	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.185	264	593906	10.371	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.209	178	318368	5.155	ng/ul	99
74) Anthracene	17.298	178	69738	1.107	ng/ul	97
80) Fluoranthene	19.221	202	712616	10.735	ng/ul	99
82) Pyrene	19.580	202	448957	6.077	ng/ul	97
85) Benzo(a)anthracene	21.374	228	323557	4.653	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.297	149	103736	2.645	ng/ul	99
87) Chrysene	21.439	228	356275	5.256	ng/ul	98
90) Benzo(b)fluoranthene	23.444	252	442134	6.423	ng/ul	99
91) Benzo(k)fluoranthene	23.497	252	180700m	2.567	ng/ul	
93) Benzo(a)pyrene	24.250	252	135412	2.071	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.762	276	136525m	1.630	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047921.D
Acq On : 08 Oct 2024 20:24
Operator : RC/JU
Sample : P4183-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EM4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 01:47:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

