

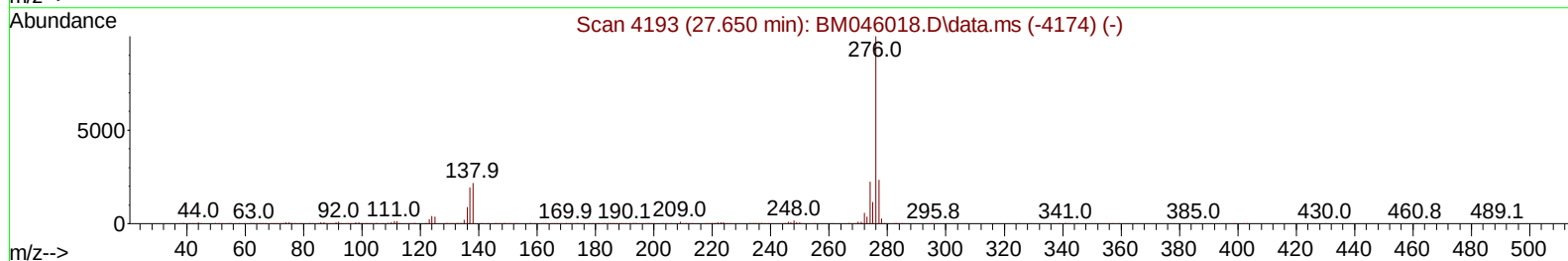
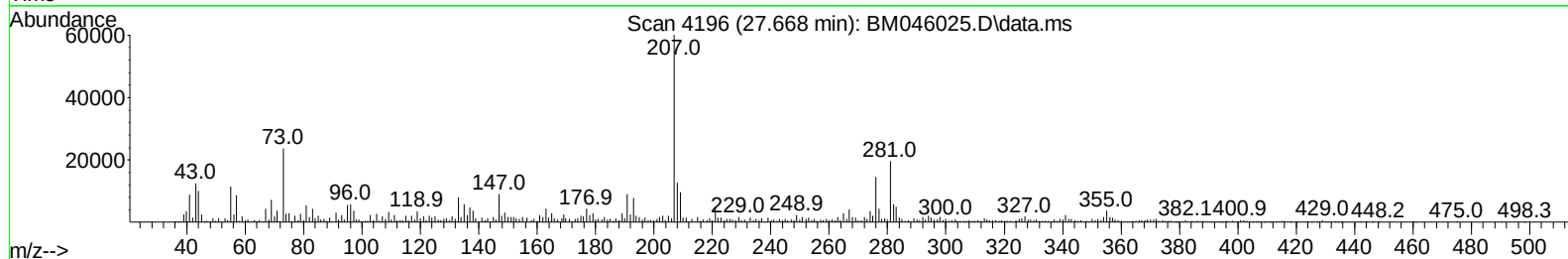
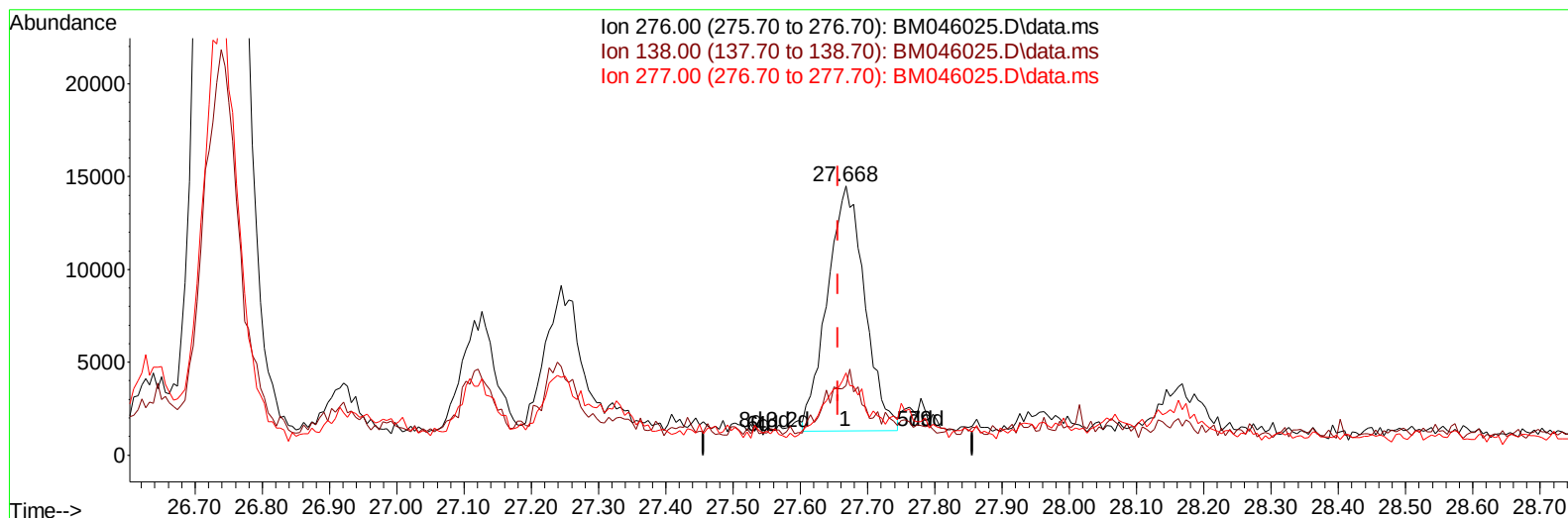
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046025.D
 Acq On : 13 Jun 2024 15:57
 Operator : MA/JU
 Sample : P2648-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC44

Manual IntegrationsAPPROVED

Quant Time: Jun 14 01:20:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024



TIC: BM046025.D\data.ms

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

27.668min (+ 0.012) 1.50 ng/u1

response 51090

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	25.75
277.00	23.40	30.43#
0.00	0.00	0.00

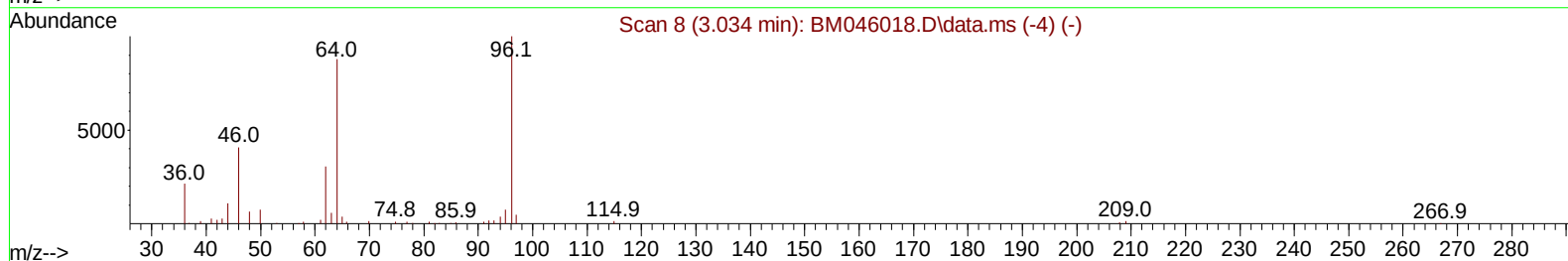
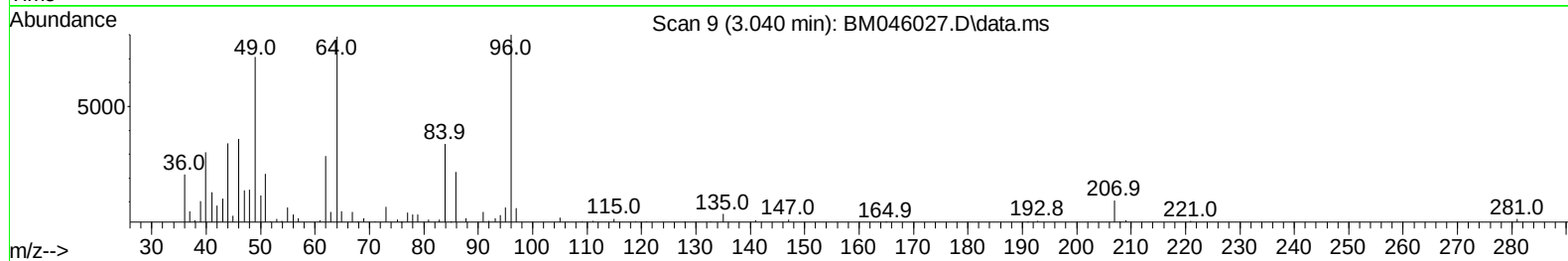
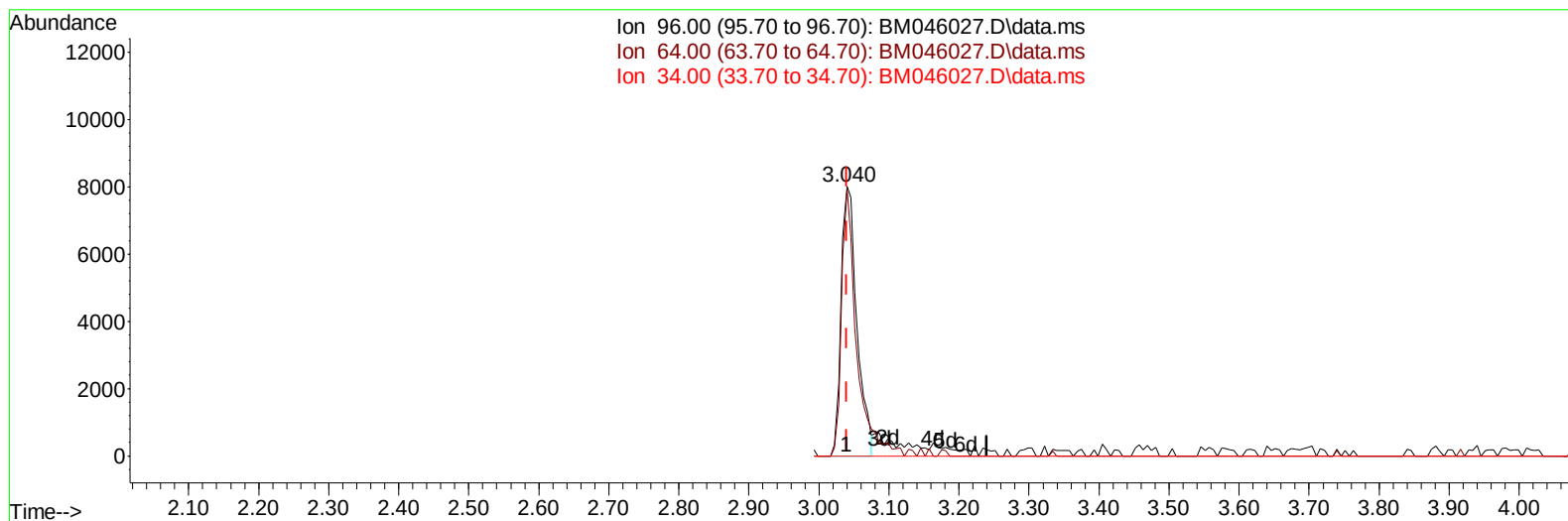
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

Manual IntegrationsAPPROVED

Quant Time: Jun 13 19:06:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046027.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.040min (-0.000) 3.81 ng/uL

response 12739

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	88.70	98.90
34.00	0.00	0.00
0.00	0.00	0.00

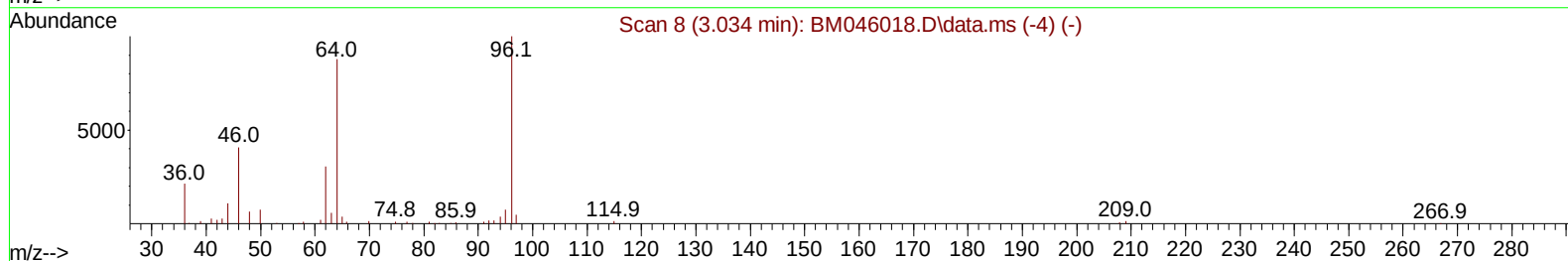
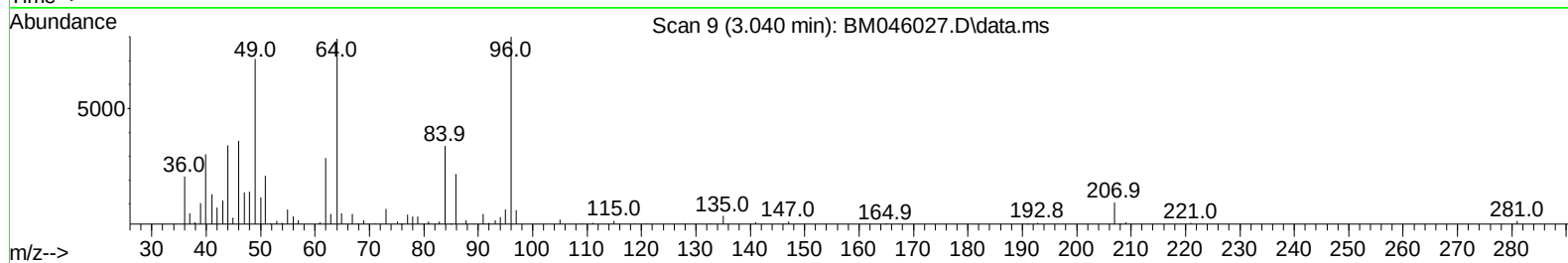
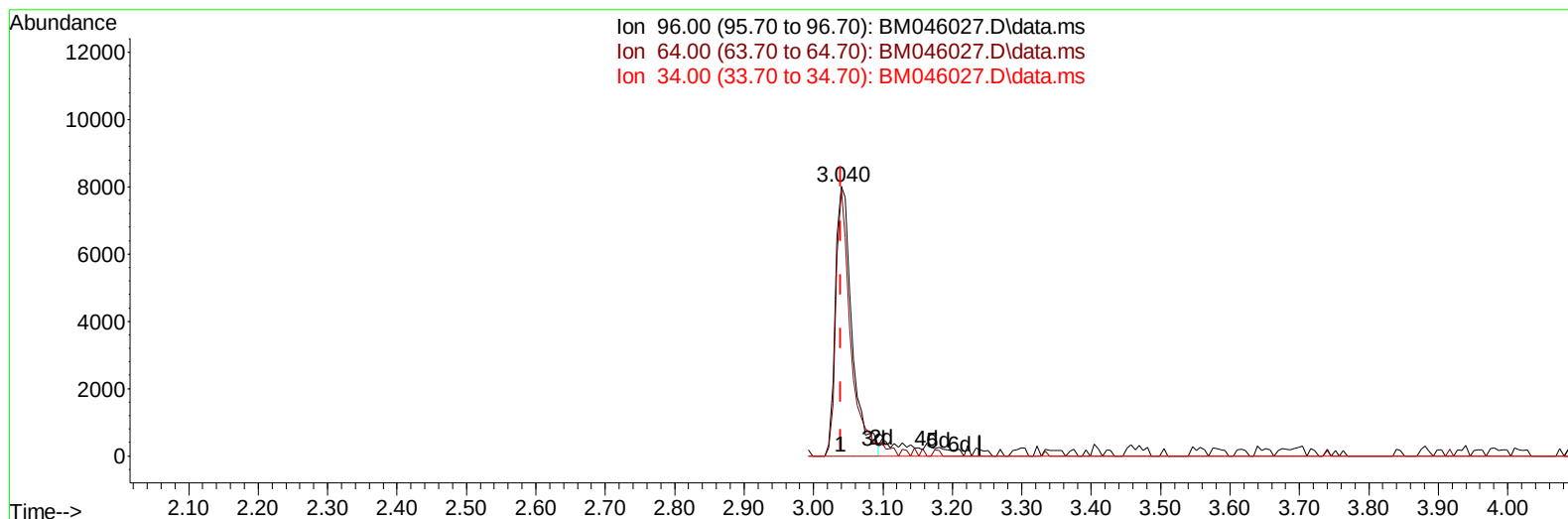
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046027.D
 Acq On : 13 Jun 2024 17:16
 Operator : MA/JU
 Sample : P2648-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC44

Manual IntegrationsAPPROVED

Quant Time: Jun 13 19:06:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

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 Supervised By :mohammad ahmed 06/15/2024



TIC: BM046027.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.040min (-0.000) 3.99 ng/uL m

response 13324

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	88.70	98.90
34.00	0.00	0.00
0.00	0.00	0.00

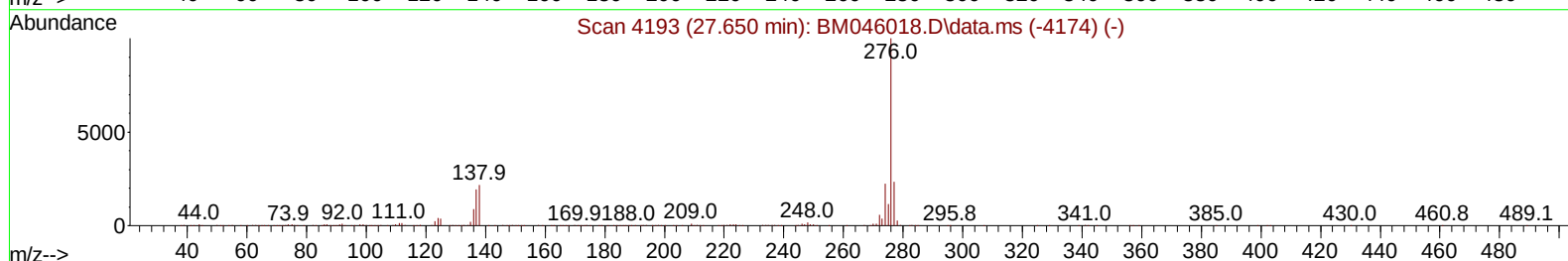
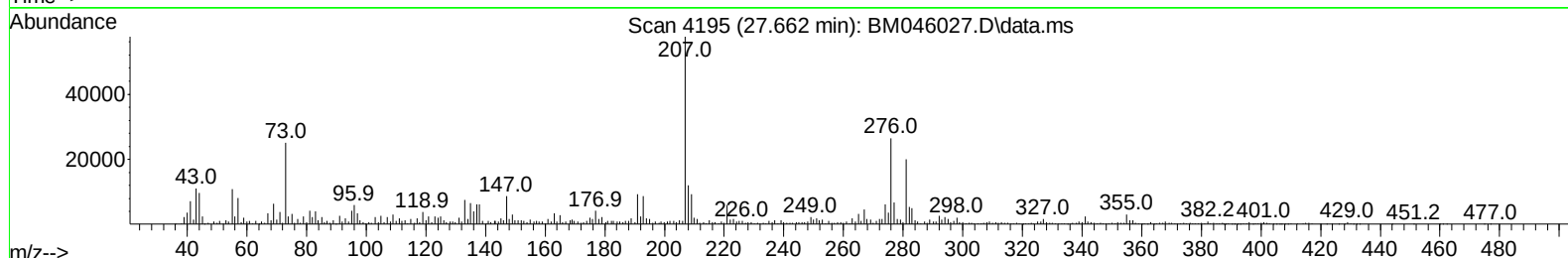
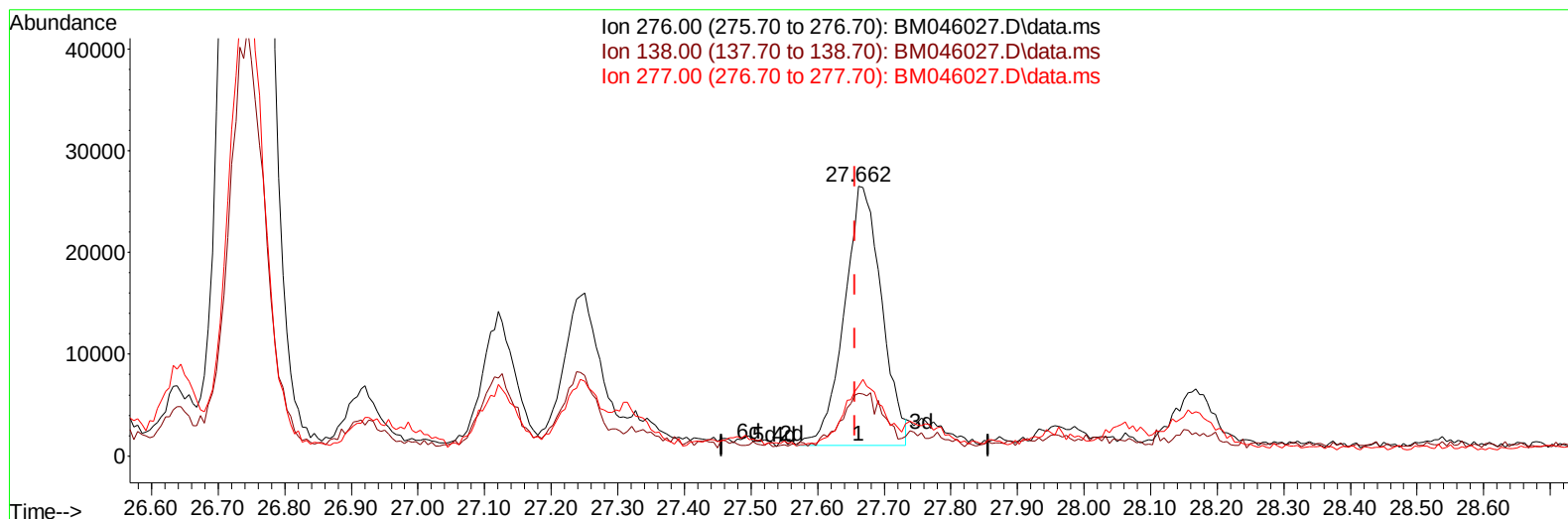
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046027.D
 Acq On : 13 Jun 2024 17:16
 Operator : MA/JU
 Sample : P2648-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC44

Manual IntegrationsAPPROVED

Quant Time: Jun 14 01:27:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
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Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024



TIC: BM046027.D\data.ms

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

27.662min (+ 0.006) 2.82 ng/u1

response 99148

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	23.26
277.00	23.40	25.75
0.00	0.00	0.00

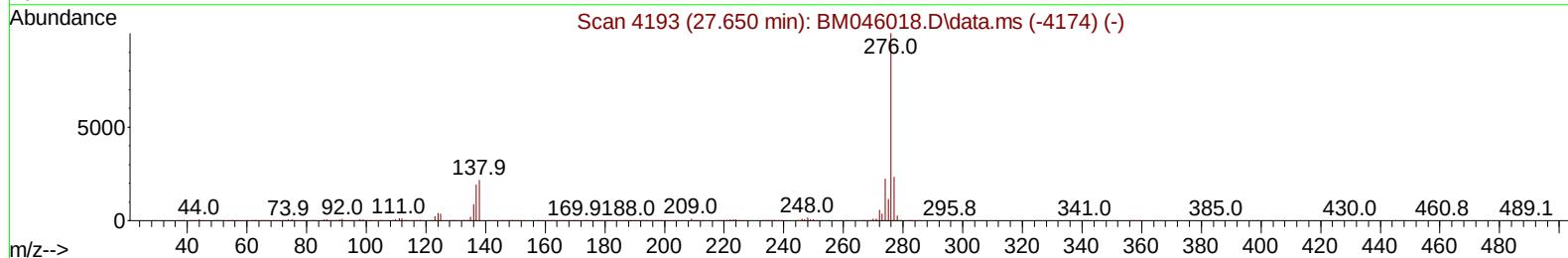
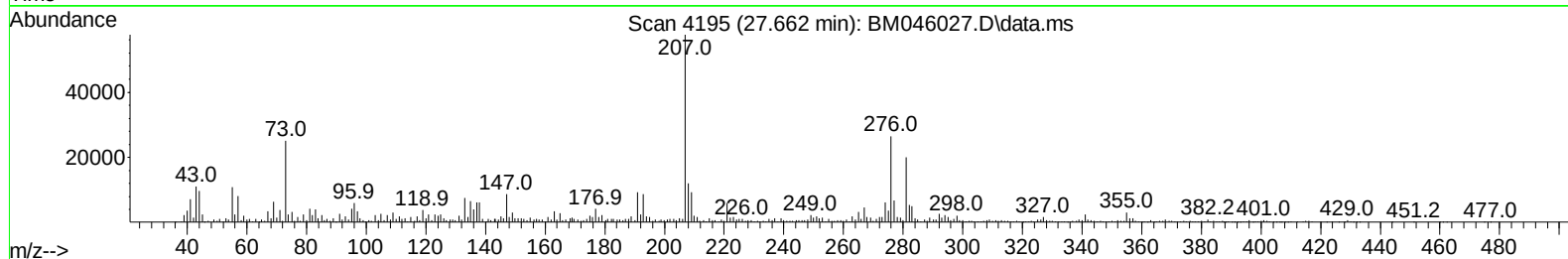
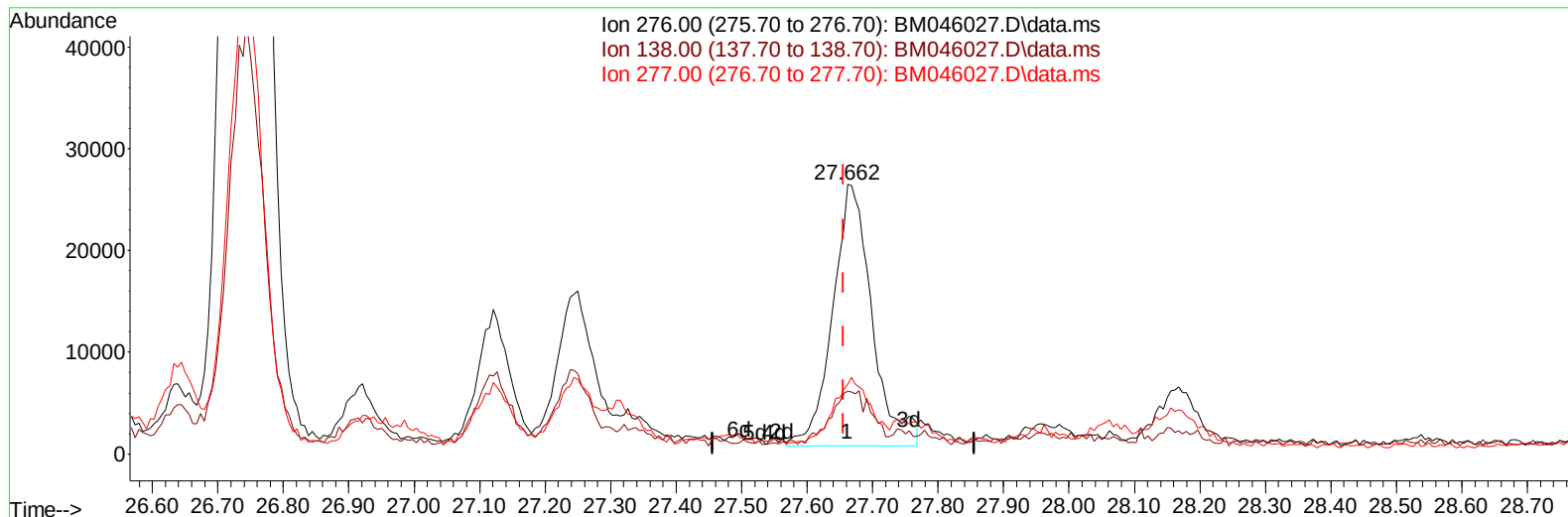
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

Manual IntegrationsAPPROVED

Quant Time: Jun 14 01:27:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
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Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046027.D\data.ms

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

27.662min (+ 0.006) 3.05 ng/ul m

response 107130

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	23.26
277.00	23.40	25.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046027.D
 Acq On : 13 Jun 2024 17:16
 Operator : MA/JU
 Sample : P2648-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC44

Manual IntegrationsAPPROVED

Quant Time: Jun 14 01:28:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.434	152		129571	20.000	ng/ul	0.00
20) Naphthalene-d8	10.198	136		519339	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164		313279	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188		625366	20.000	ng/ul	0.00
79) Chrysene-d12	21.044	240		589790	20.000	ng/ul	0.00
88) Perylene-d12	23.750	264		675999	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.040	96		13324m	3.987	ng/uL	0.00
4) Pyridine-d5	3.487	84		32770	3.808	ng/ul	0.04
7) Phenol-d5	6.692	99		286725	26.048	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67		209634	26.522	ng/ul	0.00
11) 2-Chlorophenol-d4	6.998	132		233392	28.386	ng/ul	0.00
15) 4-Methylphenol-d8	8.204	113		214947	25.847	ng/ul	0.00
21) Nitrobenzene-d5	8.598	128		114558	28.213	ng/ul	0.00
24) 2-Nitrophenol-d4	9.310	143		123839	30.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.863	165		217886	28.273	ng/ul	0.00
31) 4-Chloroaniline-d4	10.392	131		139388	13.069	ng/ul	0.00
46) Dimethylphthalate-d6	13.527	166		616770	28.438	ng/ul	0.00
49) Acenaphthylene-d8	13.768	160		725228	28.796	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143		83623	17.866	ng/ul	0.01
60) Fluorene-d10	15.080	176		520553	28.134	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.233	200		50949	15.954	ng/ul	0.01
73) Anthracene-d10	16.927	188		784020	28.839	ng/ul	0.00
81) Pyrene-d10	19.227	212		824549	22.481	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264		644912	20.412	ng/ul	0.00
Target Compounds							
						Qvalue	
16) Acetophenone	8.286	105		14010	1.011	ng/ul#	87
30) Naphthalene	10.251	128		36506	1.318	ng/ul	100
50) Acenaphthylene	13.804	152		148901	5.108	ng/ul	98
52) Acenaphthene	14.145	153		37823	1.945	ng/ul	98
56) Dibenzofuran	14.486	168		27853	1.062	ng/ul	99
61) Fluorene	15.139	166		44734	2.117	ng/ul#	96
72) Phenanthrene	16.868	178		1106114	33.568	ng/ul	100
74) Anthracene	16.962	178		258688	7.860	ng/ul	99
77) Carbazole	17.251	167		97697	3.479	ng/ul	98
78) Di-n-butylphthalate	17.815	149		101936	2.760	ng/ul	97
80) Fluoranthene	18.892	202		2699655	60.714	ng/ul	99
82) Pyrene	19.256	202		2028759	44.408	ng/ul	100
83) Butylbenzylphthalate	20.186	149		97063	5.213	ng/ul	95
85) Benzo(a)anthracene	21.027	228		1236354	30.360	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	20.974	149		413911	14.963	ng/ul	100
87) Chrysene	21.086	228		1291681	34.287	ng/ul	97
90) Benzo(b)fluoranthene	22.909	252		1777531	42.787	ng/ul	98
91) Benzo(k)fluoranthene	22.956	252		597496	14.725	ng/ul	95
93) Benzo(a)pyrene	23.627	252		716747	19.634	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.744	276		675802	16.952	ng/ul	99
95) Dibenzo(a,h)anthracene	26.768	278		223464	7.087	ng/ul#	90
96) Benzo(g,h,i)perylene	27.662	276		107130m	3.051	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046027.D
Acq On : 13 Jun 2024 17:16
Operator : MA/JU
Sample : P2648-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC44

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 14 01:28:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

