

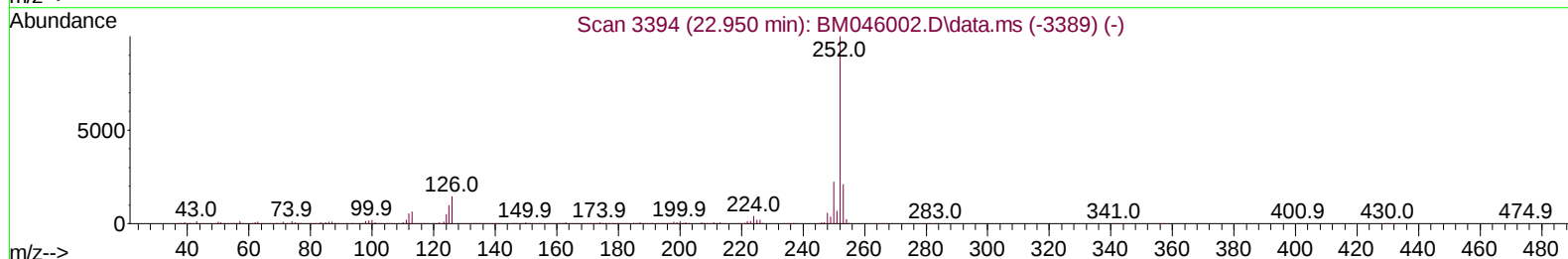
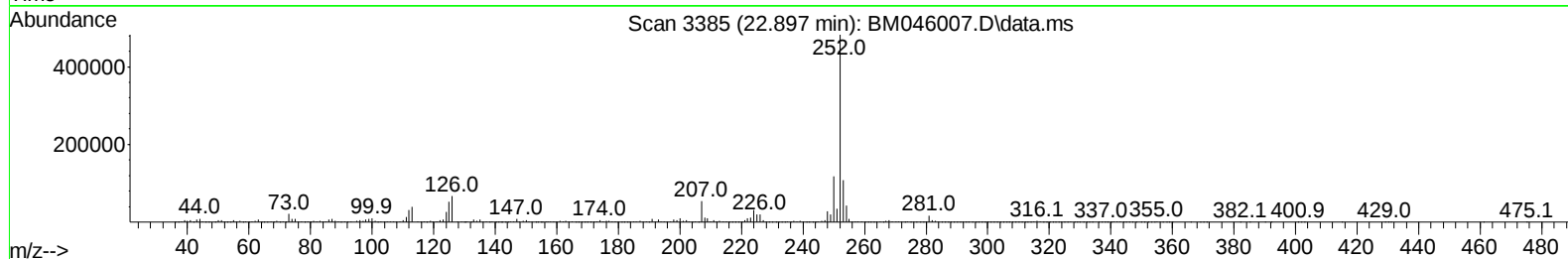
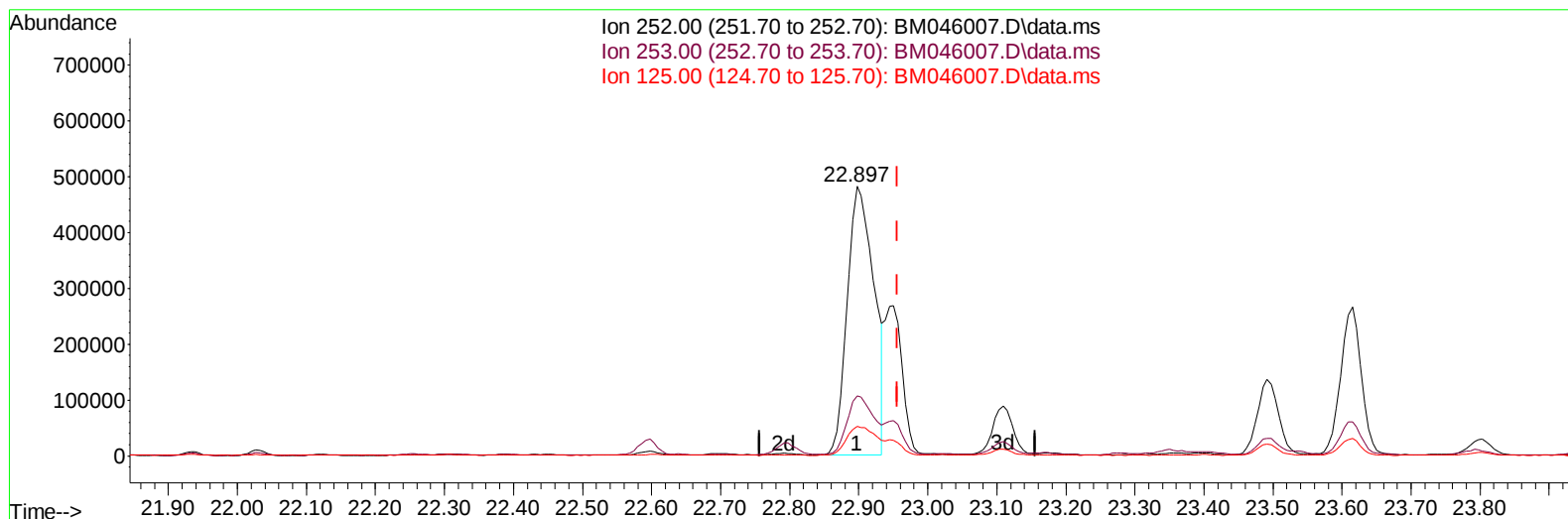
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046007.D
Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

Manual IntegrationsAPPROVED

Quant Time: Jun 13 01:19:36 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 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046007.D\data.ms

(91) Benzo(k)fluoranthene

22.897min (-0.059) 31.01 ng/u1

response 1295753

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	22.40
125.00	10.30	10.90
0.00	0.00	0.00

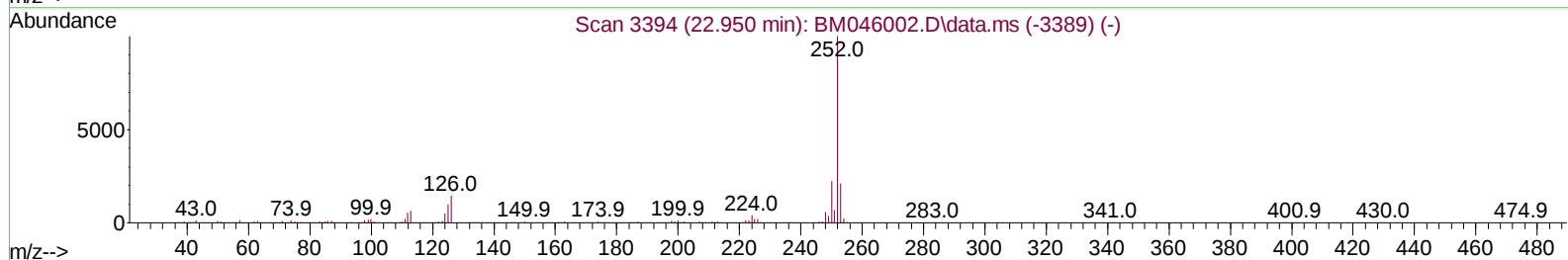
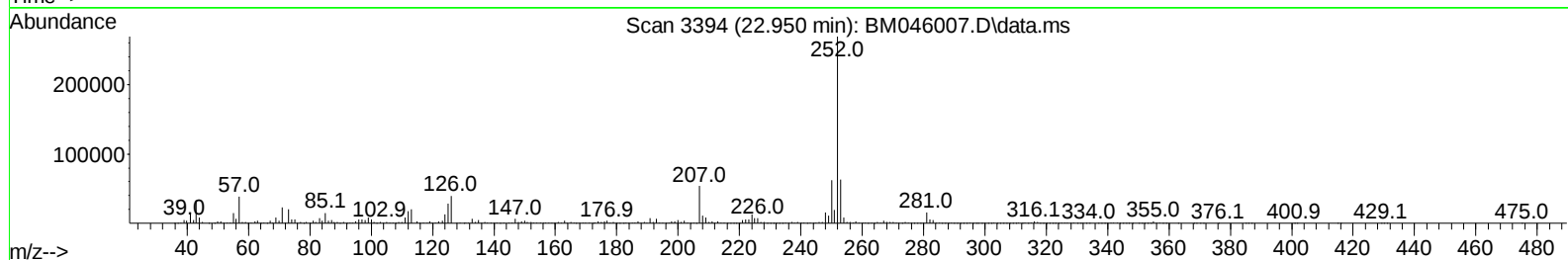
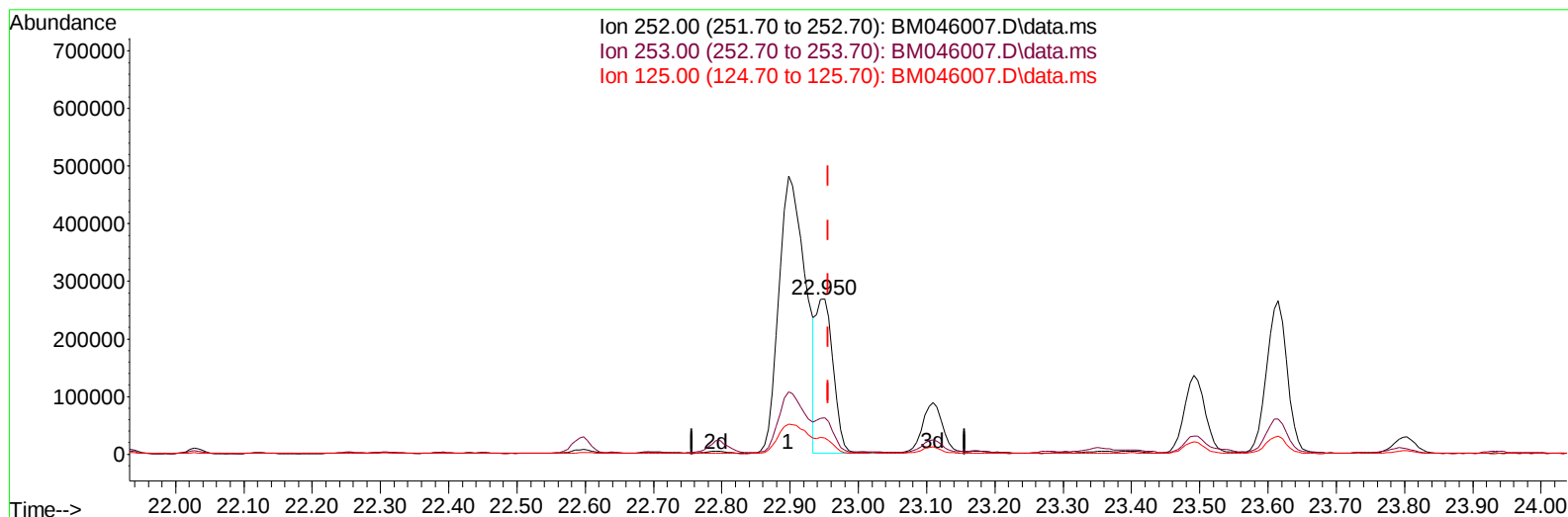
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Instrument :
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TIC: BM046007.D\data.ms

(91) Benzo(k)fluoranthene

22.950min (-0.006) 11.30 ng/ul m

response 472388

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	23.52
125.00	10.30	10.51
0.00	0.00	0.00

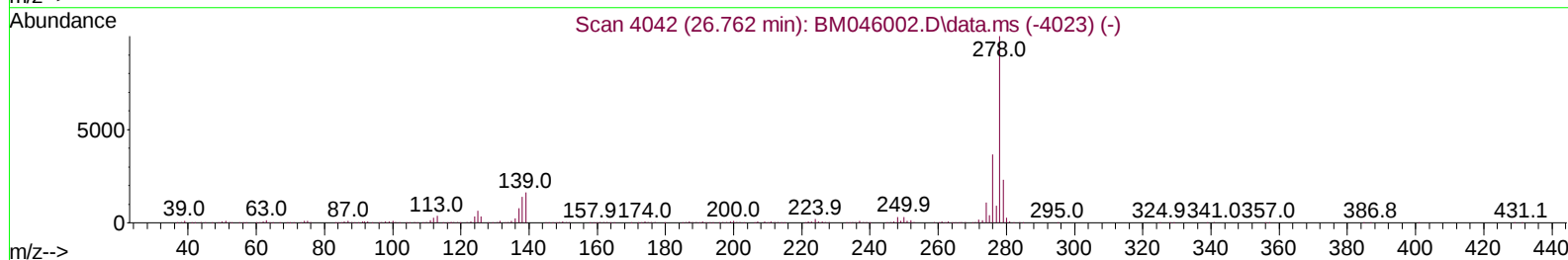
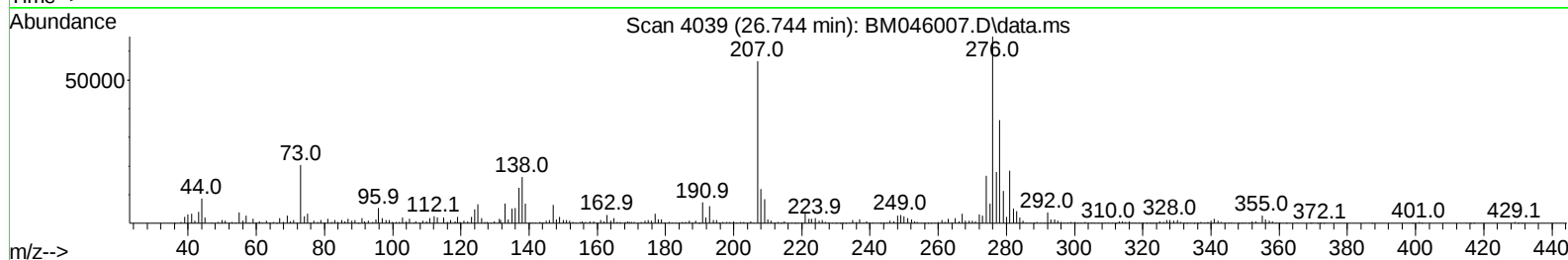
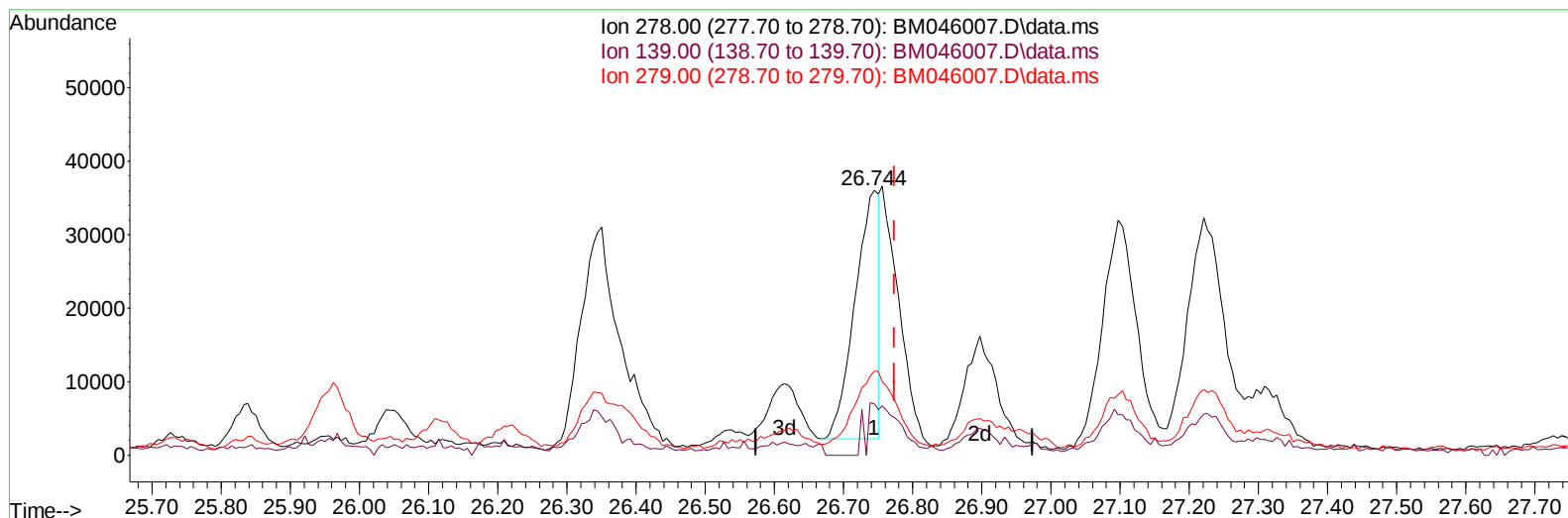
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046007.D
Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

Manual IntegrationsAPPROVED

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TIC: BM046007.D\data.ms

(95) Dibenzo(a,h)anthracene

26.744min (-0.029) 2.51 ng/u1

response 81518

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.50	19.27
279.00	23.90	31.64#
0.00	0.00	0.00

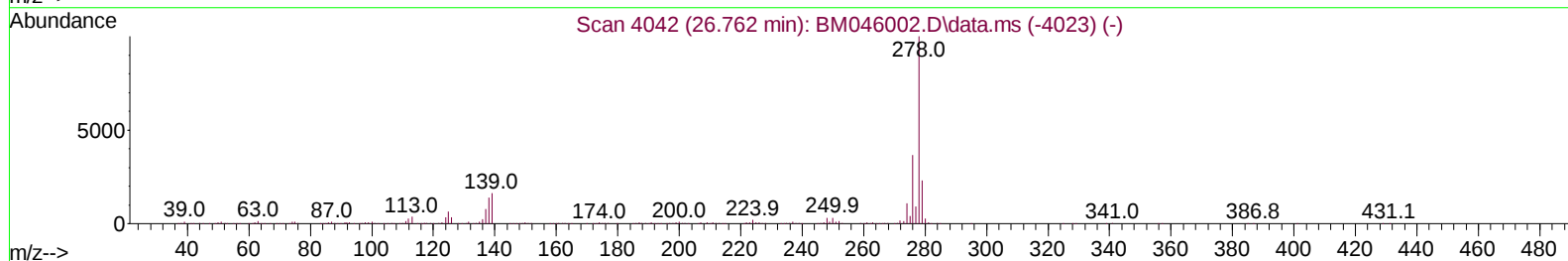
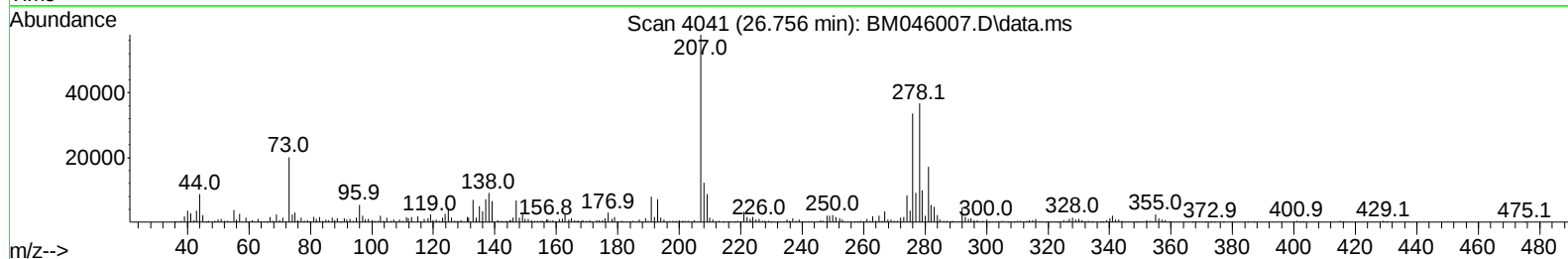
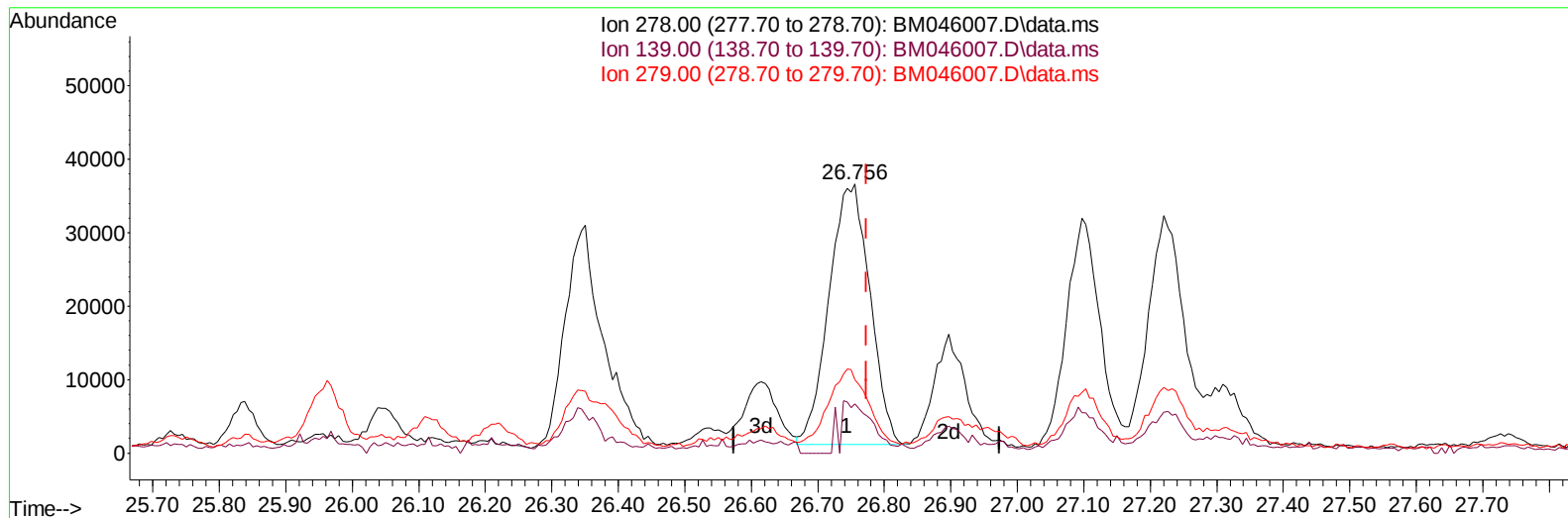
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046007.D
 Acq On : 12 Jun 2024 21:57
 Operator : MA/JU
 Sample : P2659-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC31

Manual IntegrationsAPPROVED

Quant Time: Jun 13 03:05:45 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 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024



TIC: BM046007.D\data.ms

(95) Dibenzo(a,h)anthracene

26.756min (-0.018) 4.64 ng/u1 m

response 150785

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.50	18.27
279.00	23.90	27.35
0.00	0.00	0.00

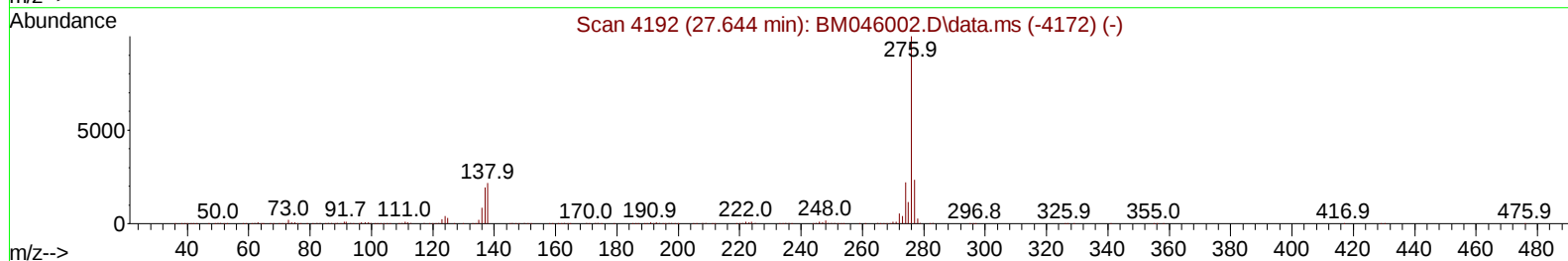
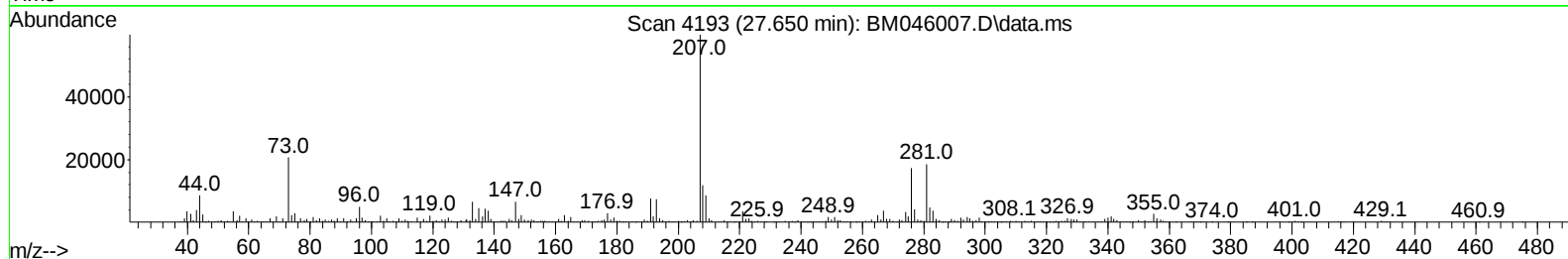
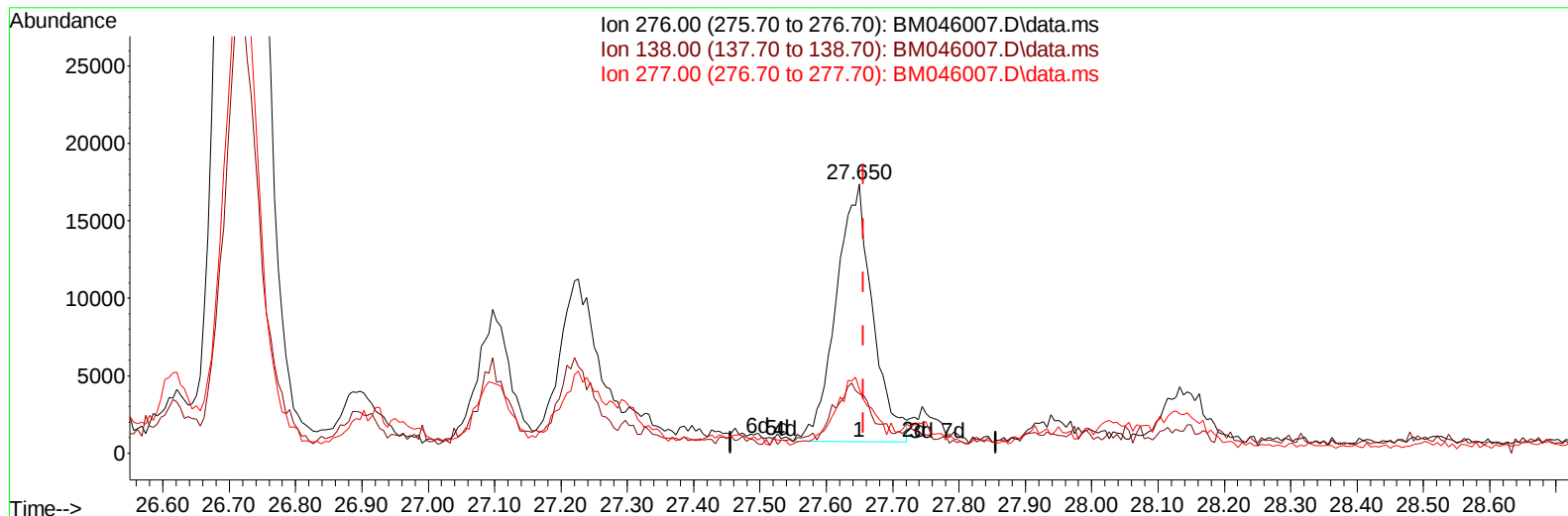
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046007.D
Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

Manual IntegrationsAPPROVED

Quant Time: Jun 13 03:07:12 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 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046007.D\data.ms

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

27.650min (-0.006) 1.76 ng/u1

response 63561

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	22.10
277.00	23.40	23.63
0.00	0.00	0.00

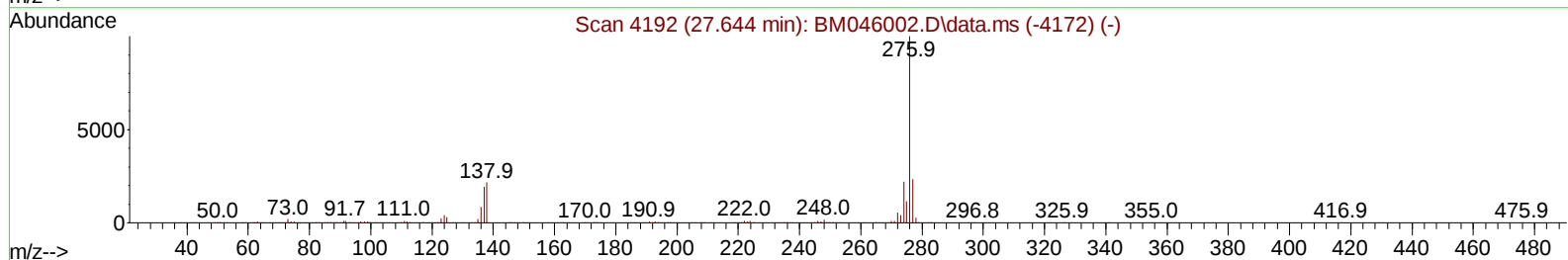
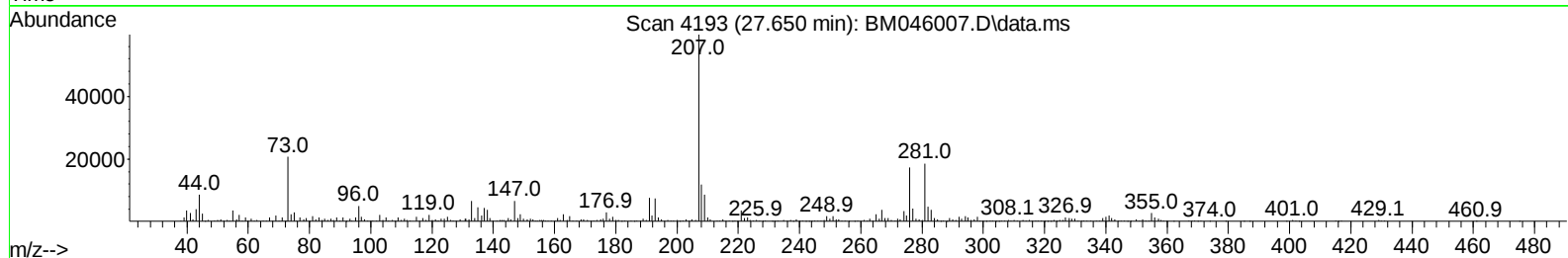
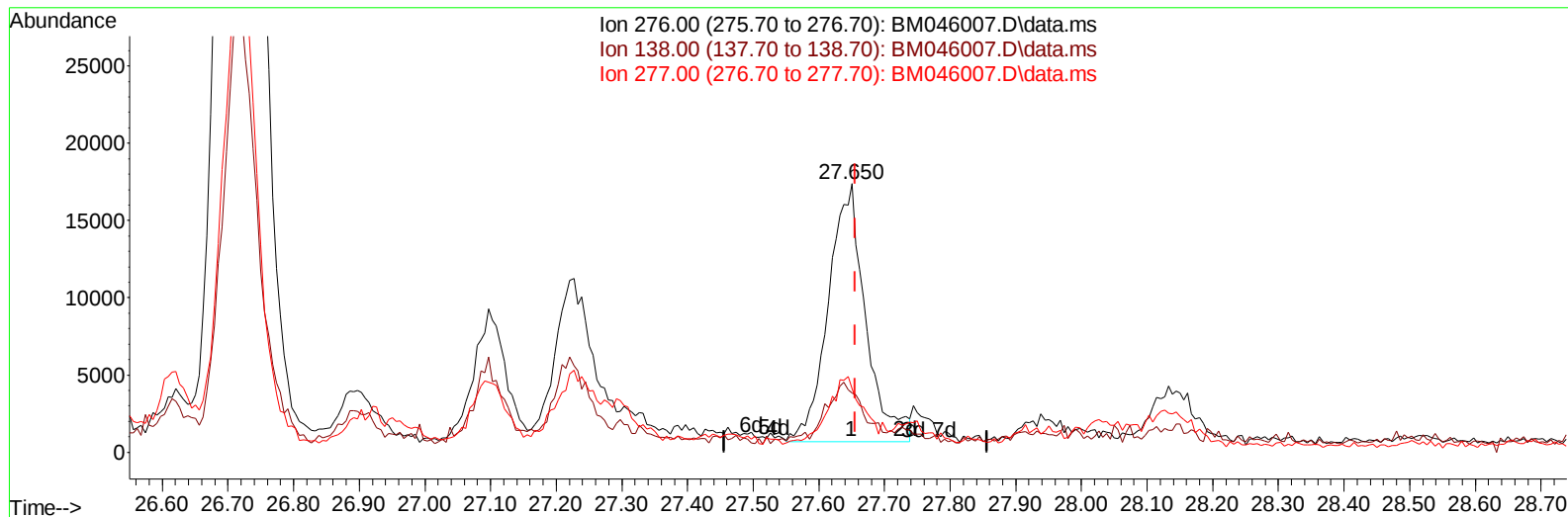
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046007.D
Acq On : 12 Jun 2024 21:57
Operator : MA/JU
Sample : P2659-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC31

Manual IntegrationsAPPROVED

Quant Time: Jun 13 03:07:12 2024
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Reviewed By :Jagrut Upadhyay 06/13/2024
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TIC: BM046007.D\data.ms

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

27.650min (-0.006) 1.82 ng/u1 m

response 65887

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	22.10
277.00	23.40	23.63
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Quant Time: Jun 13 04:34:30 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	151115	20.000	ng/ul	0.00
20) Naphthalene-d8	10.198	136	644302	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164	400560	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.821	188	846132	20.000	ng/ul	0.00
79) Chrysene-d12	21.039	240	723082	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	696142	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	12881	3.305	ng/uL	0.00
4) Pyridine-d5	3.463	84	51899	5.171	ng/ul	0.01
7) Phenol-d5	6.693	99	288130	22.444	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.799	67	216231	23.457	ng/ul	0.00
11) 2-Chlorophenol-d4	6.998	132	236197	24.631	ng/ul	0.00
15) 4-Methylphenol-d8	8.204	113	191138	19.707	ng/ul	0.00
21) Nitrobenzene-d5	8.598	128	120398	23.900	ng/ul	0.00
24) 2-Nitrophenol-d4	9.310	143	128934	25.289	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	226927	23.735	ng/ul	0.00
31) 4-Chloroaniline-d4	10.392	131	139883	10.571	ng/ul	0.00
46) Dimethylphthalate-d6	13.527	166	690808	24.911	ng/ul	0.00
49) Acenaphthylene-d8	13.769	160	795038	24.689	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	90801	15.172	ng/ul	0.00
60) Fluorene-d10	15.080	176	600300	25.375	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.222	200	66799	15.460	ng/ul	0.00
73) Anthracene-d10	16.921	188	916810	24.925	ng/ul	0.00
81) Pyrene-d10	19.221	212	990533	22.028	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.556	264	600521	18.457	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	13.798	152	193655	5.196	ng/ul	98
61) Fluorene	15.133	166	46509	1.721	ng/ul#	97
72) Phenanthrene	16.868	178	1239315	27.797	ng/ul	99
74) Anthracene	16.957	178	218376	4.904	ng/ul	99
77) Carbazole	17.245	167	83416	2.195	ng/ul	98
80) Fluoranthene	18.892	202	2715748	49.817	ng/ul	99
82) Pyrene	19.251	202	2103041	37.548	ng/ul	99
85) Benzo(a)anthracene	21.021	228	1118544	22.403	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	20.968	149	39029	1.151	ng/ul#	96
87) Chrysene	21.080	228	1158534	25.084	ng/ul	98
90) Benzo(b)fluoranthene	22.897	252	1295753	30.288	ng/ul	99
91) Benzo(k)fluoranthene	22.950	252	472388m	11.305	ng/ul	
93) Benzo(a)pyrene	23.615	252	553504	14.724	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.715	276	457438	11.142	ng/ul	100
95) Dibenzo(a,h)anthracene	26.756	278	150785m	4.644	ng/ul	
96) Benzo(g,h,i)perylene	27.650	276	65887m	1.822	ng/ul	

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

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