

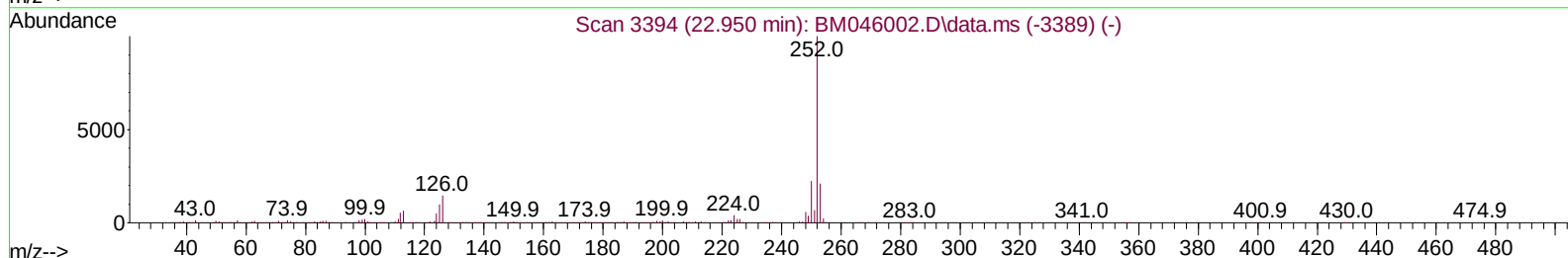
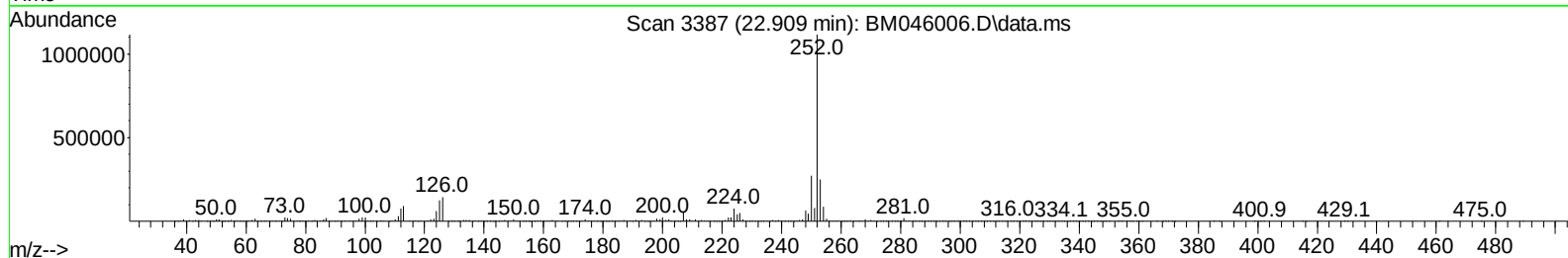
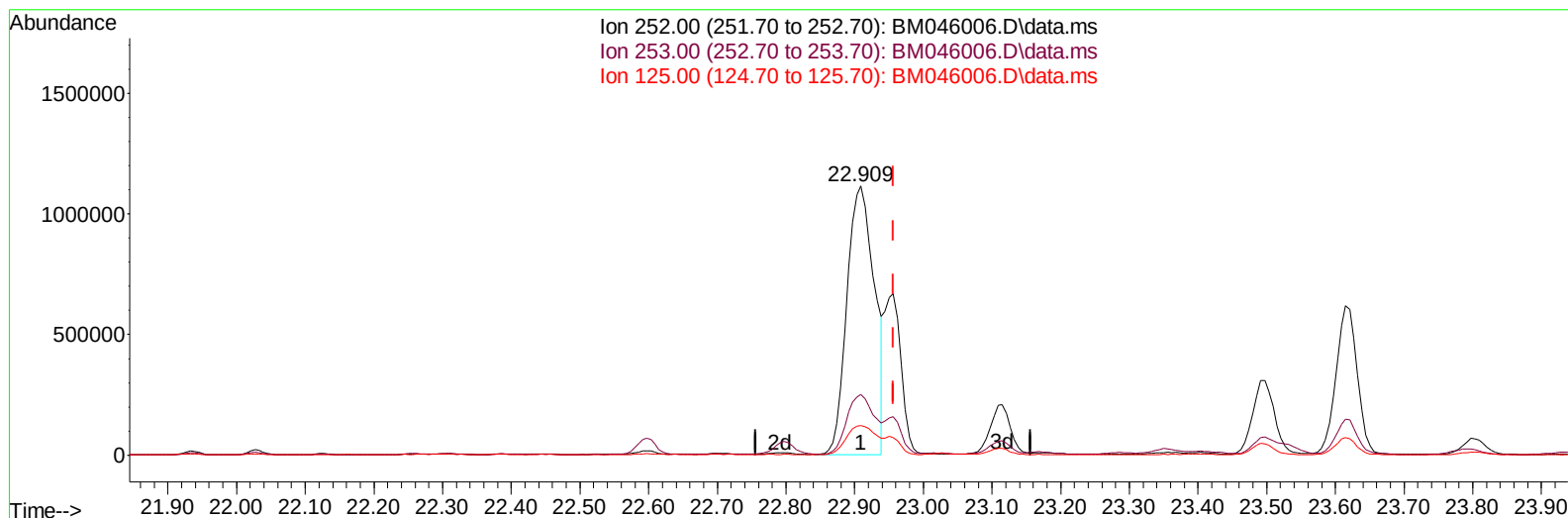
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046006.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2659-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC26

Manual IntegrationsAPPROVED

Quant Time: Jun 13 01:19:11 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: BM046006.D\data.ms

(91) Benzo(k)fluoranthene

22.909min (-0.047) 74.99 ng/u1

response 3098590

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	22.52
125.00	10.30	11.07
0.00	0.00	0.00

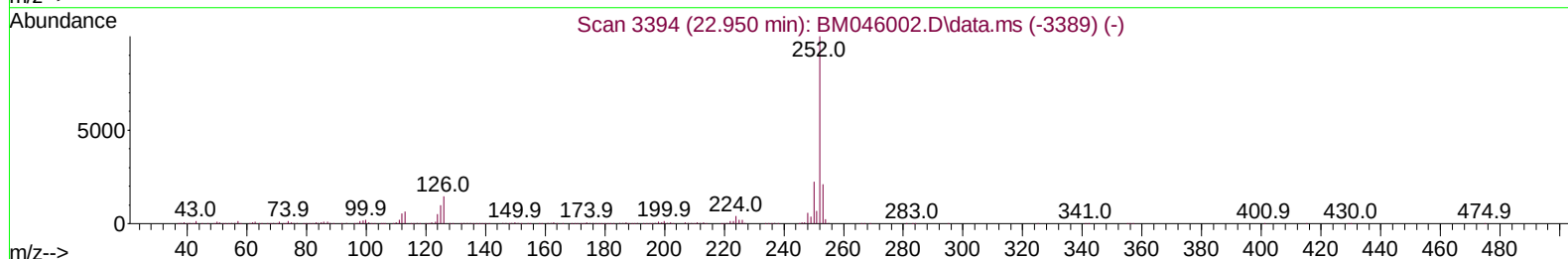
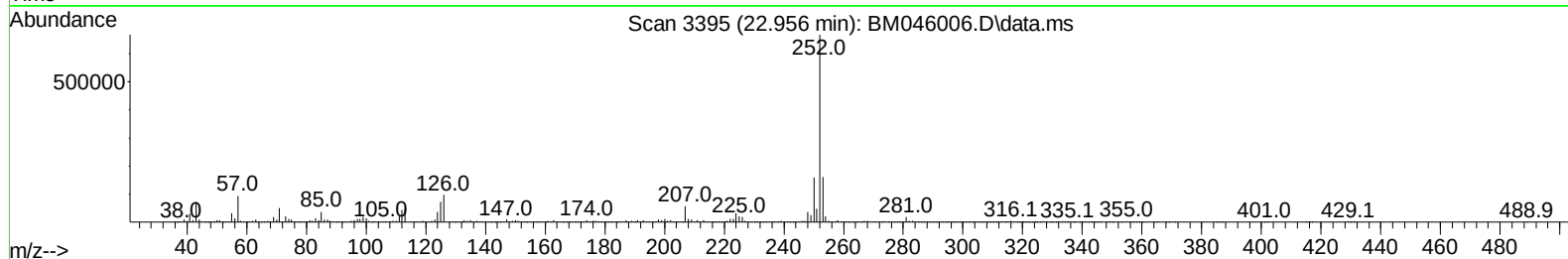
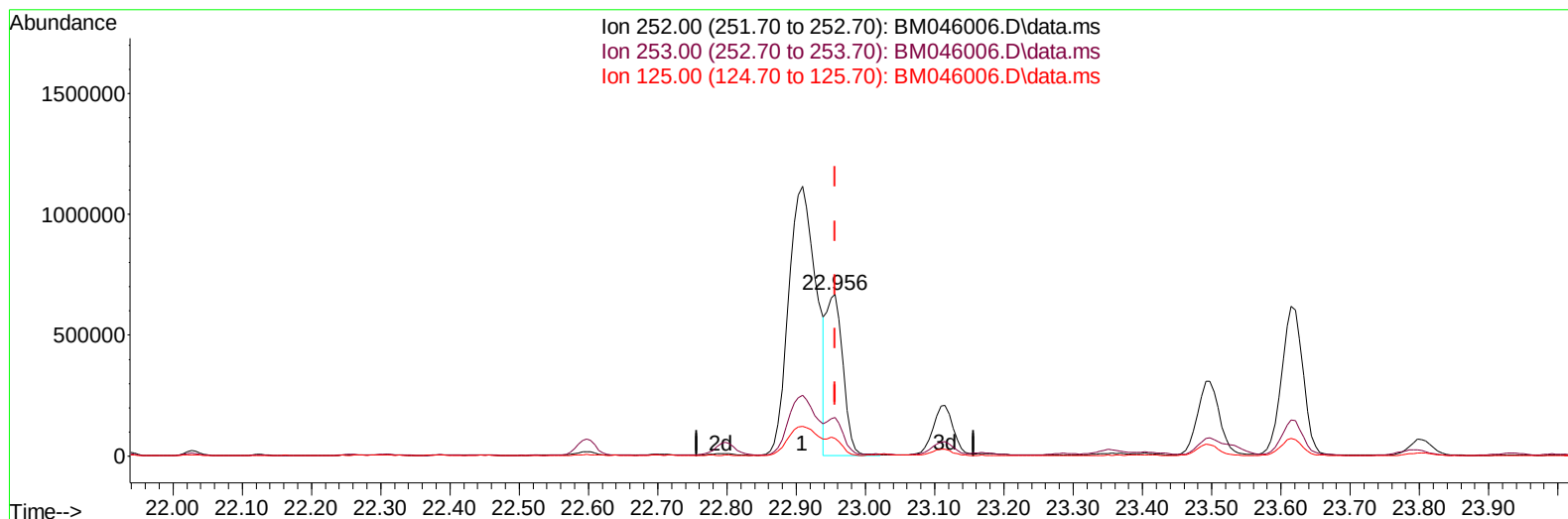
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046006.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2659-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC26

Manual IntegrationsAPPROVED

Quant Time: Jun 13 01:19:11 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: BM046006.D\data.ms

(91) Benzo(k)fluoranthene

22.956min (-0.000) 27.00 ng/ul m

response 1115883

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	23.95
125.00	10.30	10.72
0.00	0.00	0.00

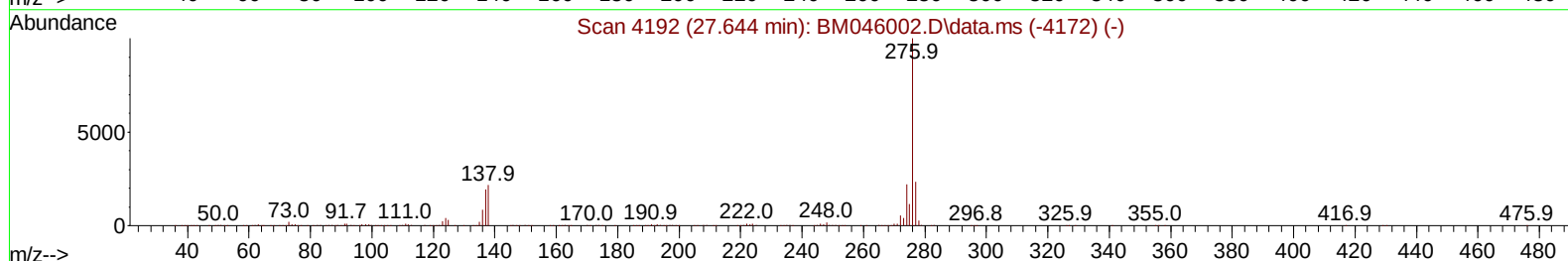
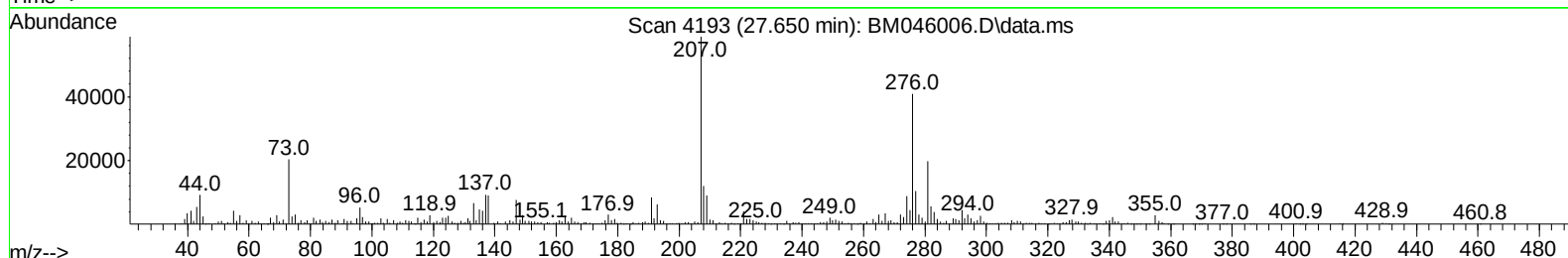
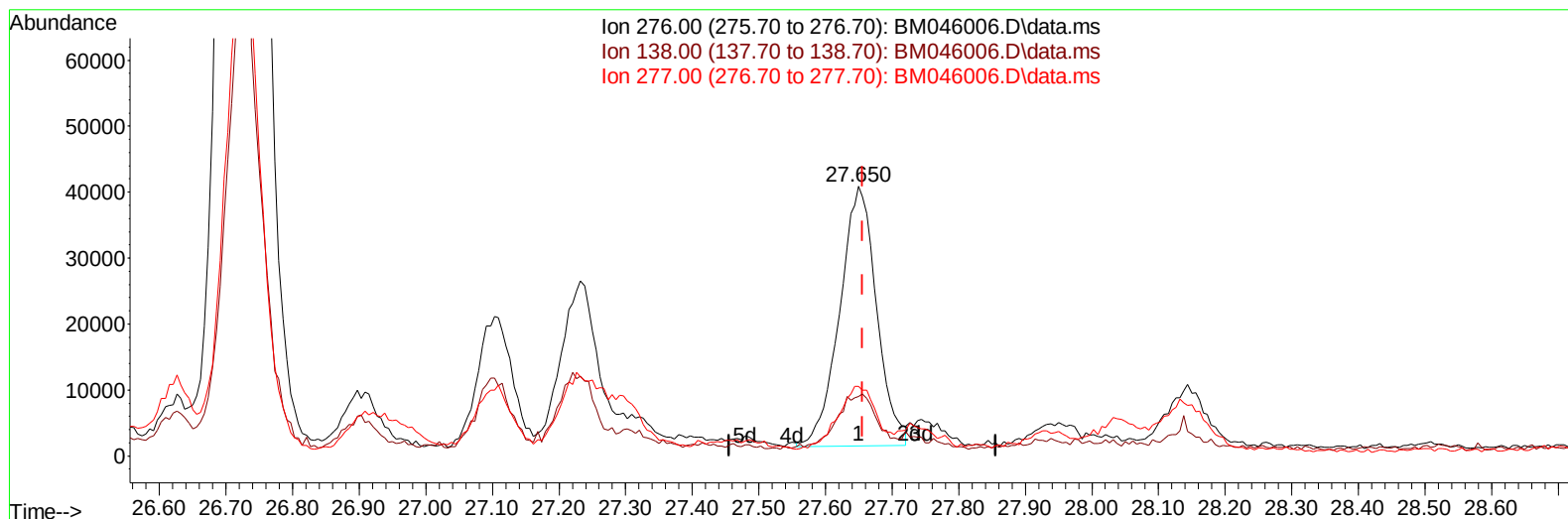
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046006.D
 Acq On : 12 Jun 2024 21:18
 Operator : MA/JU
 Sample : P2659-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC26

Manual IntegrationsAPPROVED

Quant Time: Jun 13 02:46:21 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: BM046006.D\data.ms

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

27.650min (-0.006) 4.25 ng/u1

response 151860

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	22.14
277.00	23.40	25.90
0.00	0.00	0.00

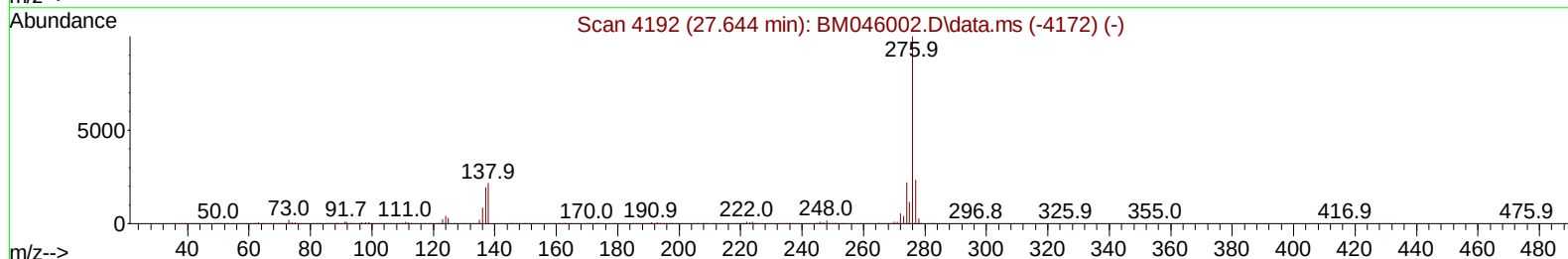
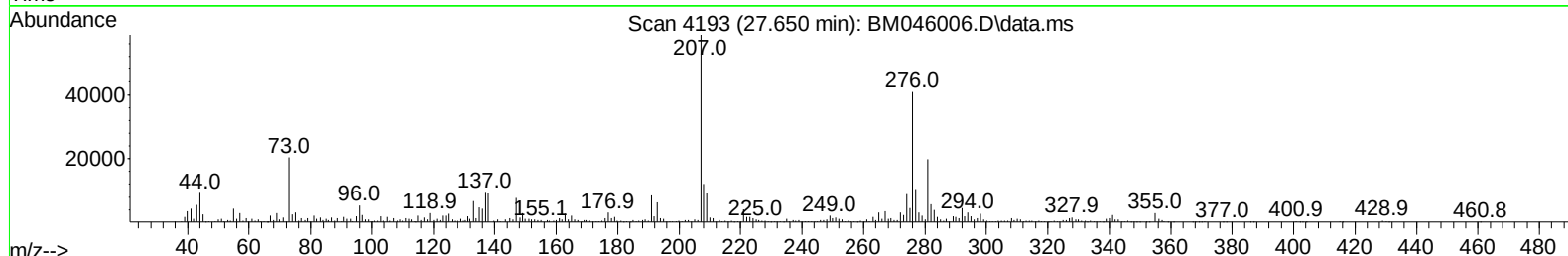
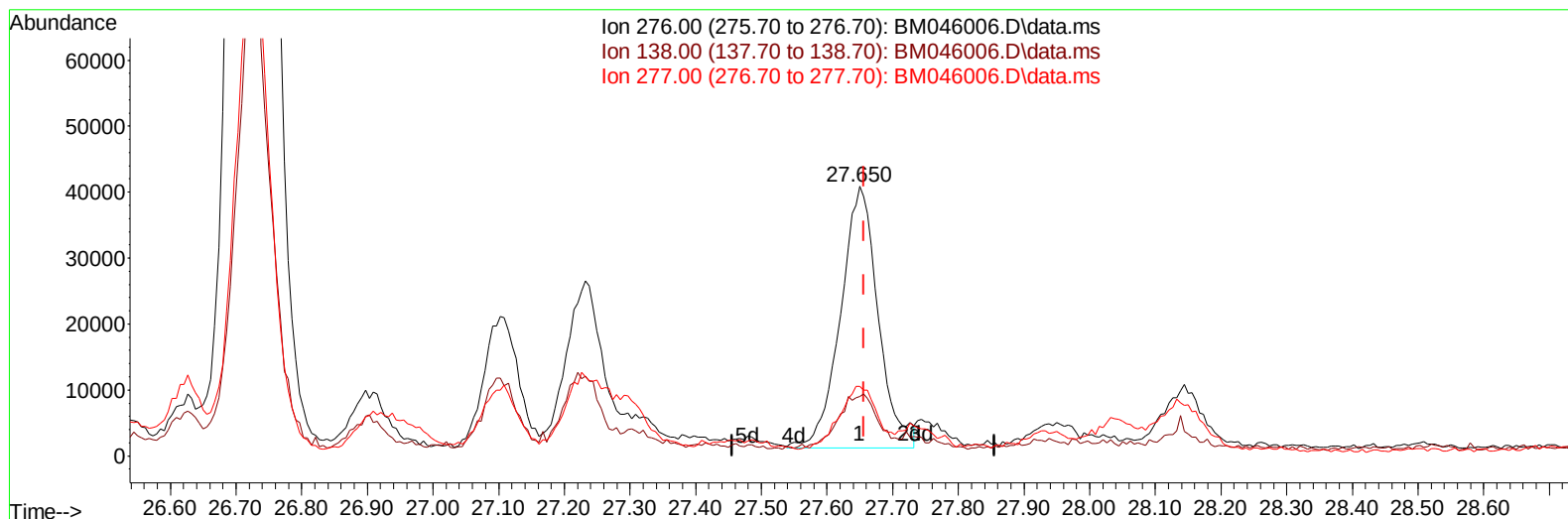
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046006.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2659-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC26

Manual IntegrationsAPPROVED

Quant Time: Jun 13 02:46:21 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: BM046006.D\data.ms

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

27.650min (-0.006) 4.41 ng/u1 m

response 157614

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	22.14
277.00	23.40	25.90
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046006.D
 Acq On : 12 Jun 2024 21:18
 Operator : MA/JU
 Sample : P2659-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC26

Manual IntegrationsAPPROVED

Quant Time: Jun 13 04:19:09 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	162947	20.000	ng/ul	0.00
20) Naphthalene-d8	10.198	136	689487	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164	434633	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.821	188	905311	20.000	ng/ul	0.00
79) Chrysene-d12	21.039	240	715283	20.000	ng/ul	0.00
88) Perylene-d12	23.744	264	688425	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	12490	2.972	ng/uL	0.00
4) Pyridine-d5	3.463	84	66384	6.134	ng/ul	0.01
7) Phenol-d5	6.692	99	300827	21.732	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67	209157	21.042	ng/ul	0.00
11) 2-Chlorophenol-d4	6.998	132	235185	22.745	ng/ul	0.00
15) 4-Methylphenol-d8	8.204	113	214079	20.470	ng/ul	0.00
21) Nitrobenzene-d5	8.598	128	118679	22.015	ng/ul	0.00
24) 2-Nitrophenol-d4	9.310	143	127828	23.429	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	223477	21.843	ng/ul	0.00
31) 4-Chloroaniline-d4	10.398	131	112240	7.927	ng/ul	0.01
46) Dimethylphthalate-d6	13.527	166	684429	22.746	ng/ul	0.00
49) Acenaphthylene-d8	13.768	160	792820	22.690	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	88341	13.604	ng/ul	0.00
60) Fluorene-d10	15.080	176	594241	23.150	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.221	200	57999	12.546	ng/ul	0.00
73) Anthracene-d10	16.921	188	912287	23.180	ng/ul	0.00
81) Pyrene-d10	19.227	212	956782	21.509	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.556	264	536350	16.670	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.286	105	24866	1.427	ng/ul	91
30) Naphthalene	10.251	128	42356	1.152	ng/ul	95
37) 1-Methylnaphthalene	12.098	142	28726	1.180	ng/ul#	98
50) Acenaphthylene	13.798	152	419554	10.375	ng/ul	99
52) Acenaphthene	14.145	153	48955	1.814	ng/ul	95
56) Dibenzofuran	14.486	168	47838	1.315	ng/ul	99
61) Fluorene	15.133	166	115859	3.951	ng/ul#	97
72) Phenanthrene	16.868	178	3148482	66.003	ng/ul	99
74) Anthracene	16.956	178	544315	11.424	ng/ul	99
77) Carbazole	17.245	167	235991	5.805	ng/ul	98
80) Fluoranthene	18.898	202	7014147	130.070	ng/ul	99
82) Pyrene	19.256	202	5137945	92.734	ng/ul	100
83) Butylbenzylphthalate	20.180	149	33815	1.498	ng/ul	95
85) Benzo(a)anthracene	21.027	228	2630842	53.268	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	20.974	149	112194	3.344	ng/ul	97
87) Chrysene	21.080	228	2710460	59.324	ng/ul	97
90) Benzo(b)fluoranthene	22.909	252	3098590	73.241	ng/ul	99
91) Benzo(k)fluoranthene	22.956	252	1115883m	27.004	ng/ul	
93) Benzo(a)pyrene	23.615	252	1315691	35.390	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.732	276	1139406	28.065	ng/ul	98
95) Dibenzo(a,h)anthracene	26.756	278	367429	11.443	ng/ul#	93
96) Benzo(g,h,i)perylene	27.650	276	157614m	4.408	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046006.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2659-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC26

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 04:19:09 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)
----------	------	---	-----	----------	------	-------	-----	-------

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046006.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2659-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC26

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 04:19:09 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

