

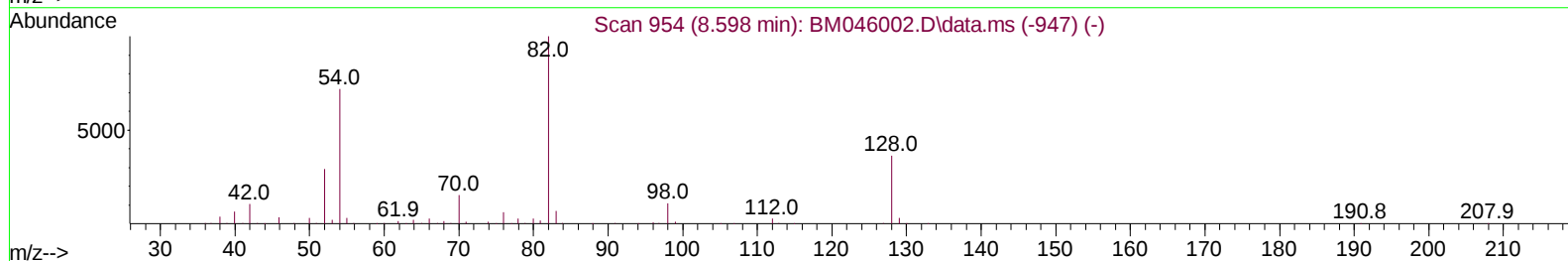
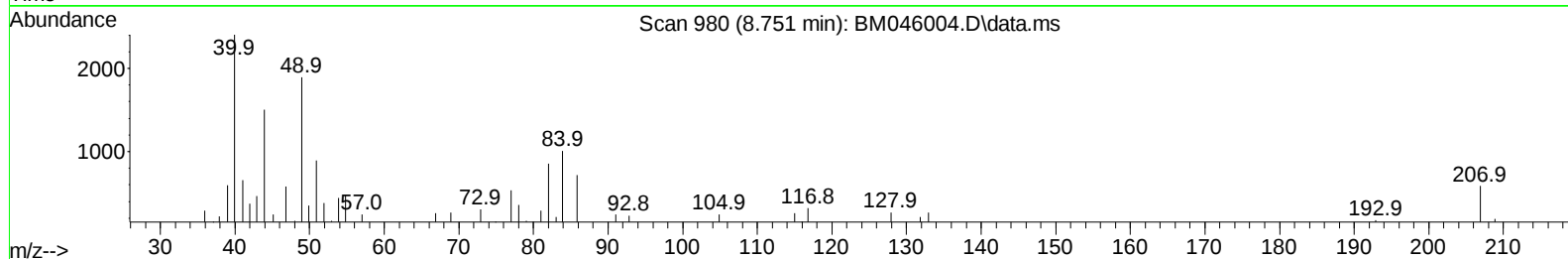
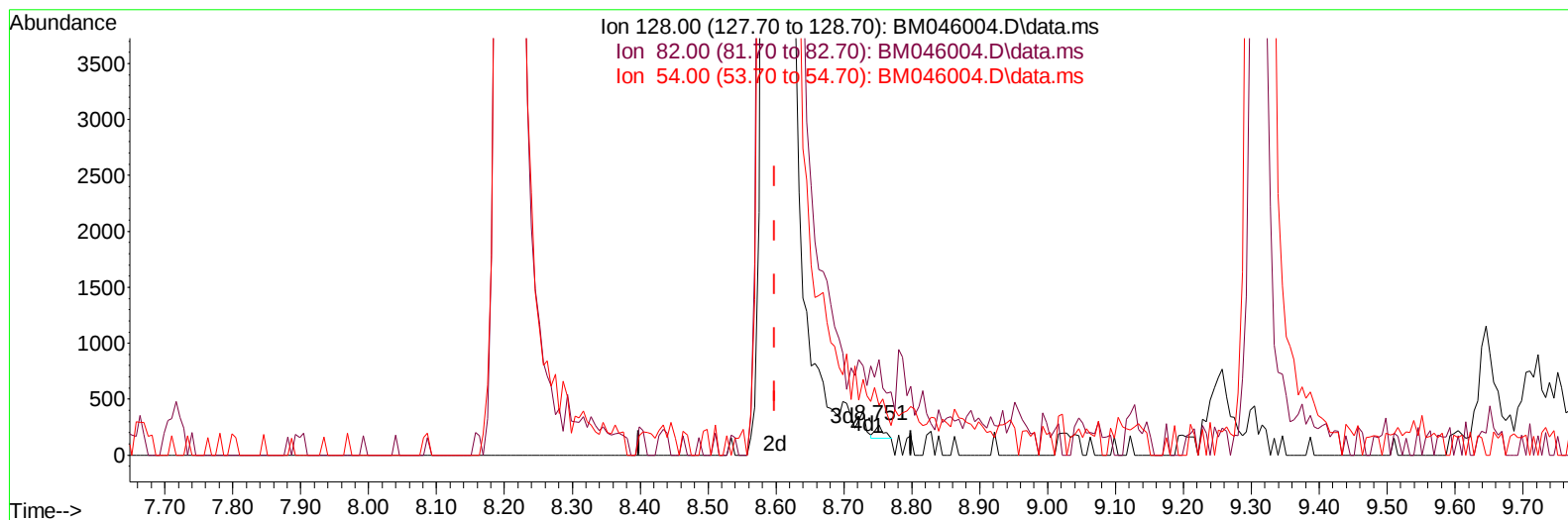
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC24

Manual IntegrationsAPPROVED

Quant Time: Jun 13 01:18:24 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: BM046004.D\data.ms

(21) Nitrobenzene-d5 (S)

8.751min (+ 0.153) 0.02 ng/u1

response 96

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	264.80	315.56
54.00	169.60	164.44
0.00	0.00	0.00

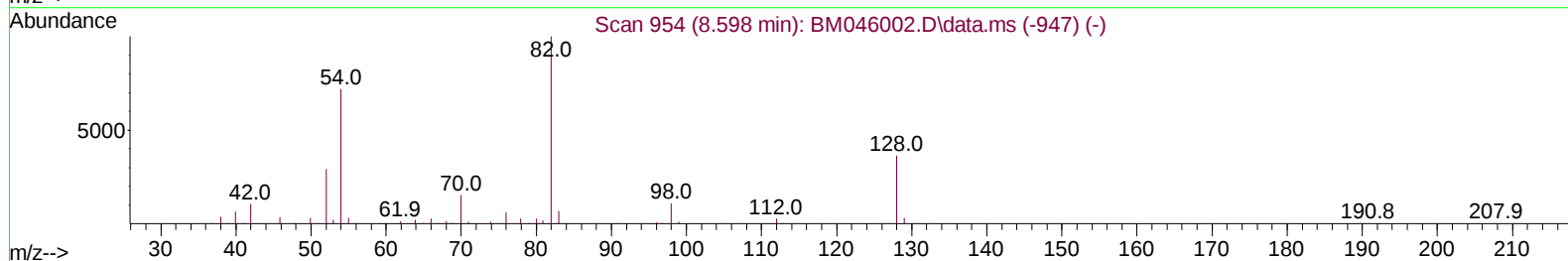
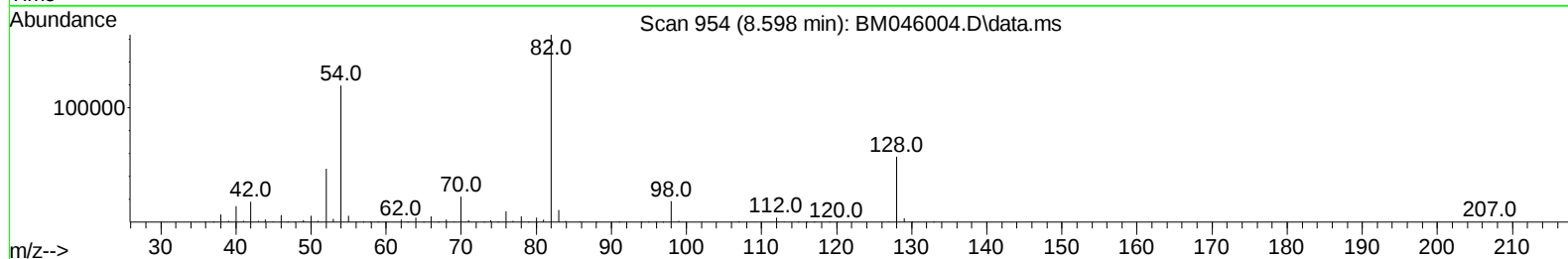
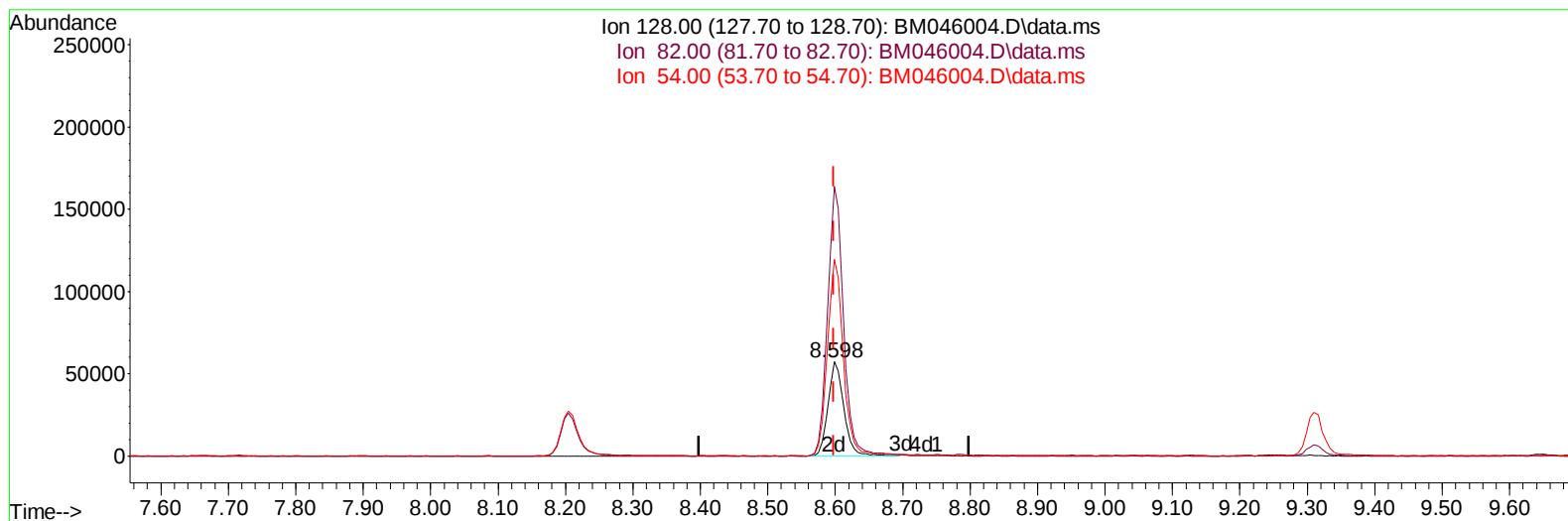
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC24

Manual IntegrationsAPPROVED

Quant Time: Jun 13 01:18:24 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: BM046004.D\data.ms

(21) Nitrobenzene-d5 (S)

8.598min (+ 0.000) 23.32 ng/u1 m

response 94005

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	264.80	286.39
54.00	169.60	209.19#
0.00	0.00	0.00

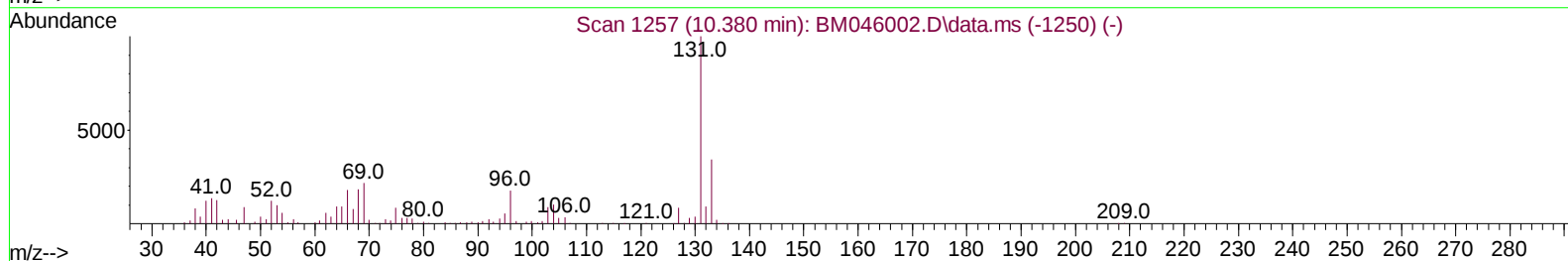
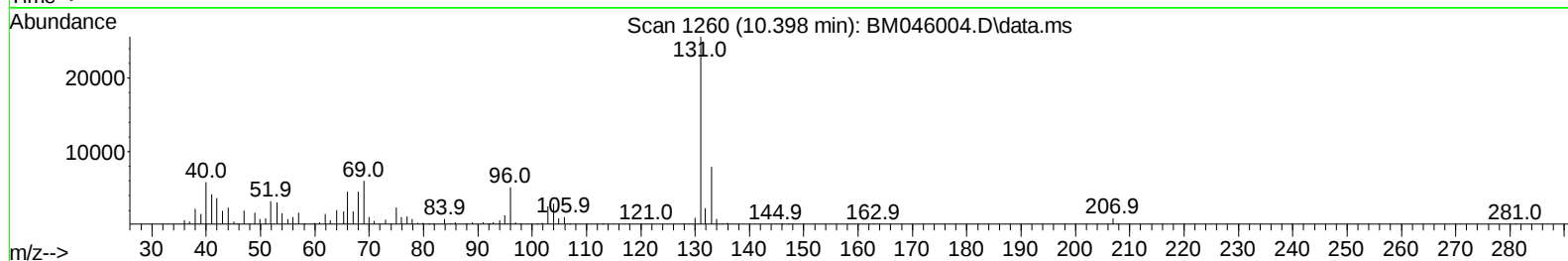
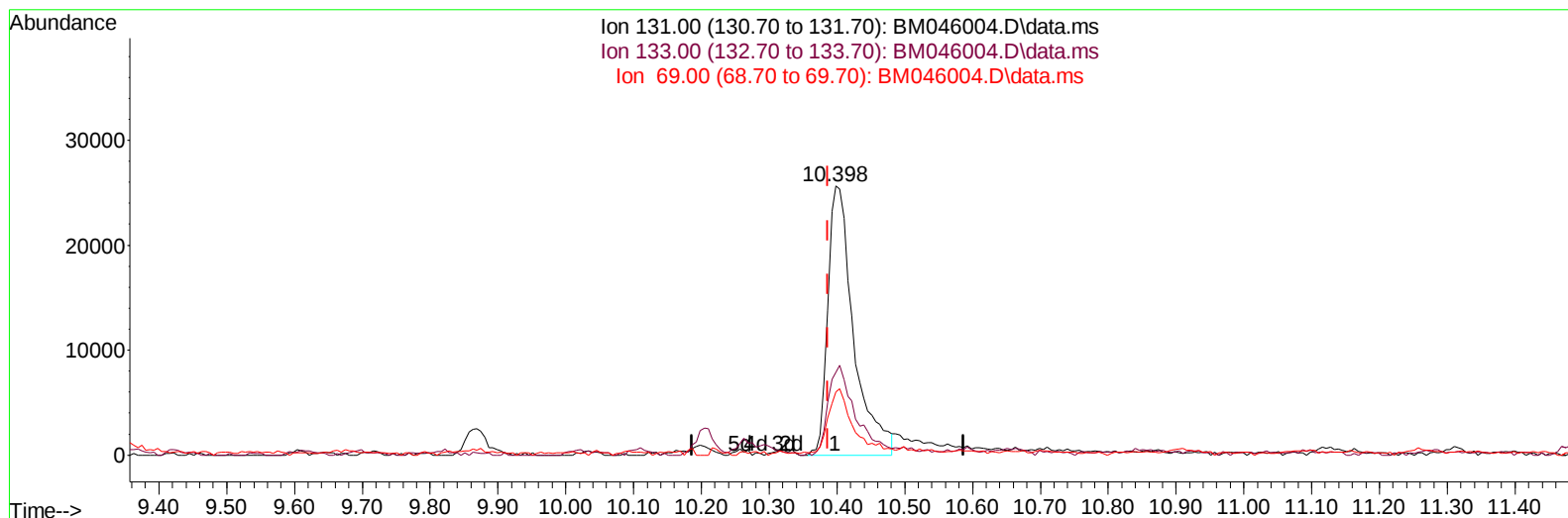
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC24

Manual IntegrationsAPPROVED

Quant Time: Jun 13 01:18:24 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
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Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046004.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.398min (+ 0.012) 6.39 ng/u1

response 67663

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	30.80
69.00	20.10	23.45
0.00	0.00	0.00

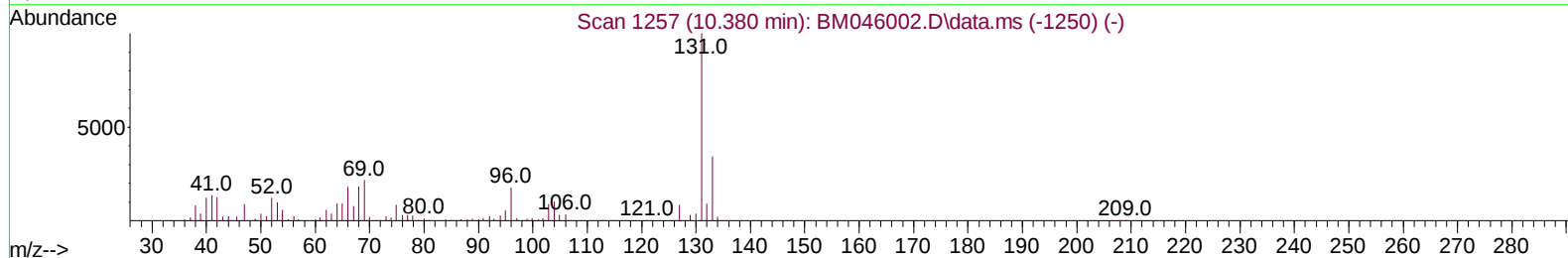
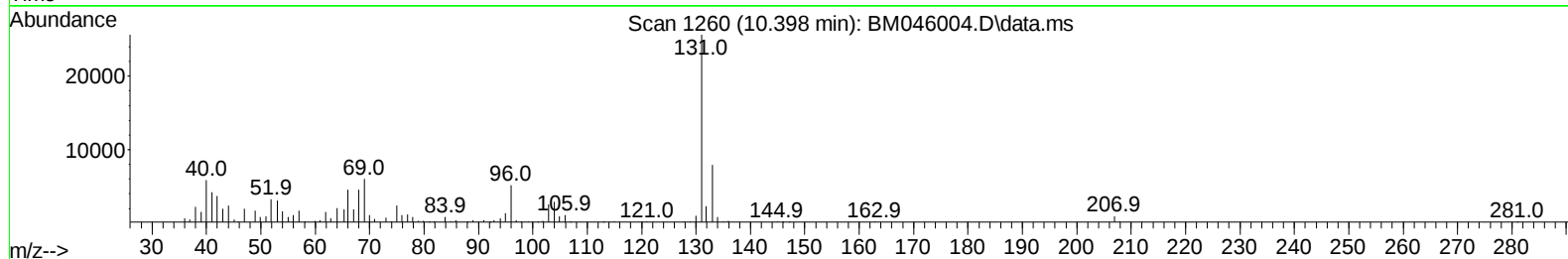
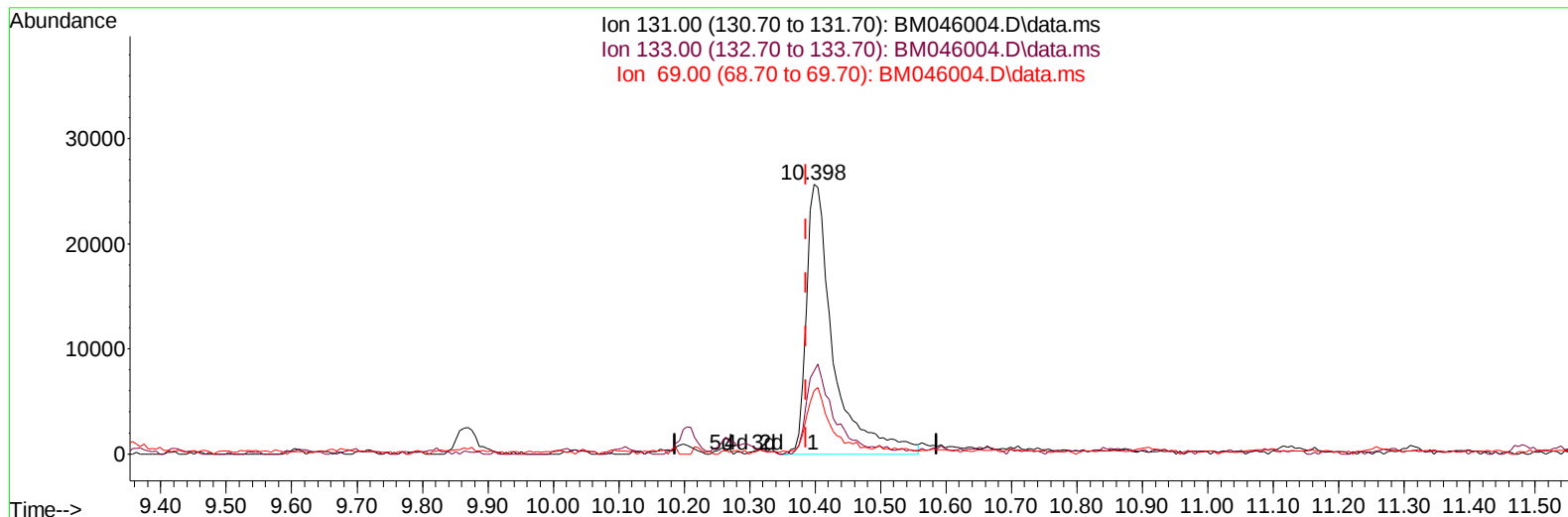
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC24

Manual IntegrationsAPPROVED

Quant Time: Jun 13 01:18:24 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
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Supervised By :mohammad ahmed 06/15/2024



TIC: BM046004.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.398min (+ 0.012) 6.97 ng/ul m

response 73806

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	30.80
69.00	20.10	23.45
0.00	0.00	0.00

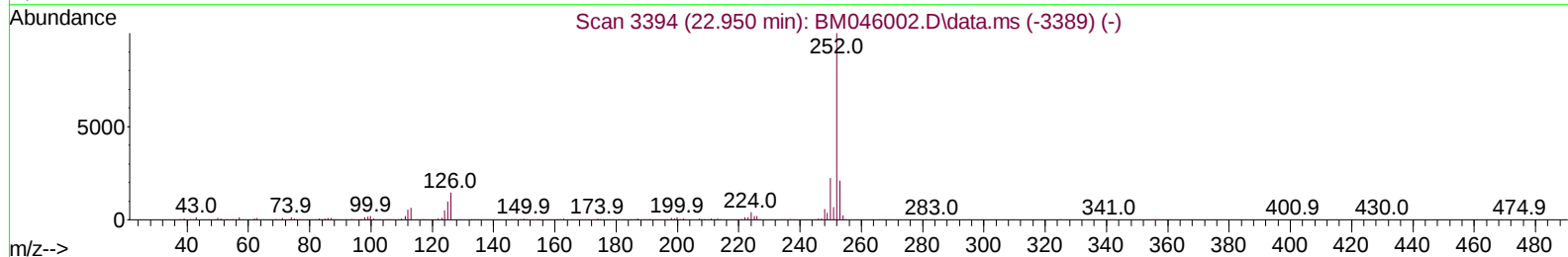
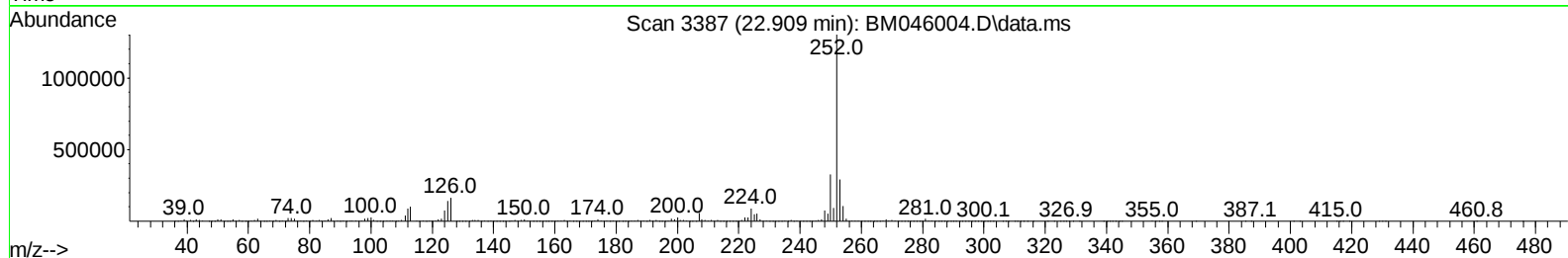
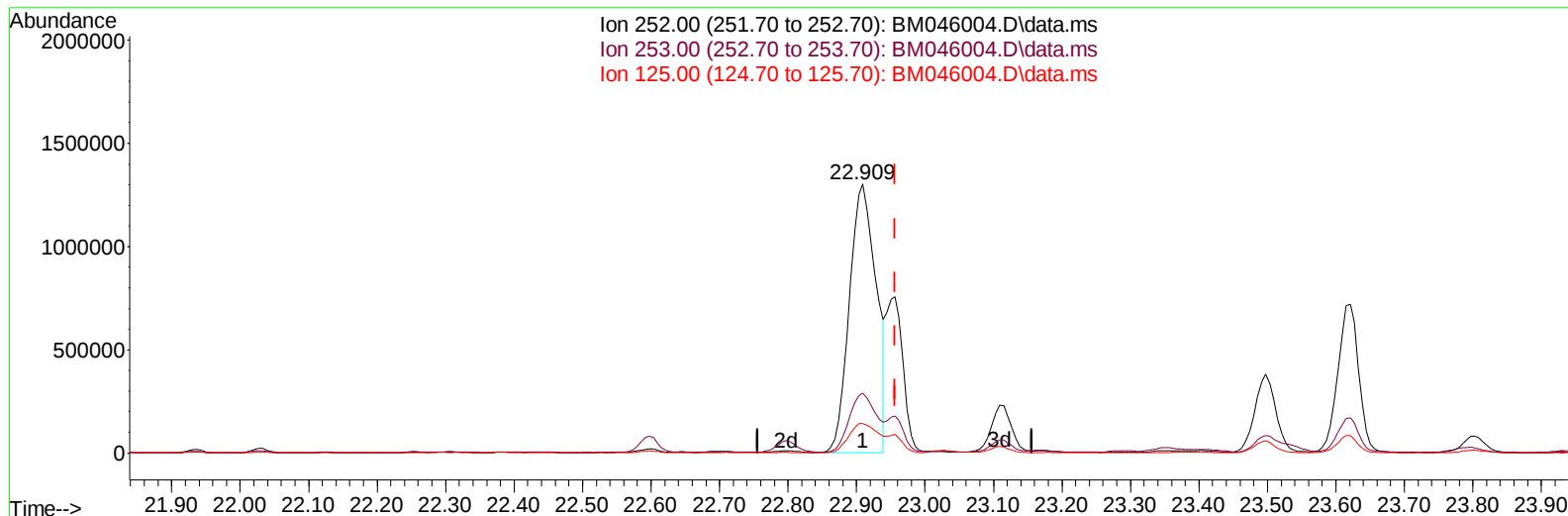
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC24

Manual IntegrationsAPPROVED

Quant Time: Jun 13 01:18:24 2024
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QLast Update : Tue Jun 11 16:01:34 2024
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Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046004.D\data.ms

(91) Benzo(k)fluoranthene

22.909min (-0.047) 85.35 ng/u1

response 3532906

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	22.24
125.00	10.30	10.99
0.00	0.00	0.00

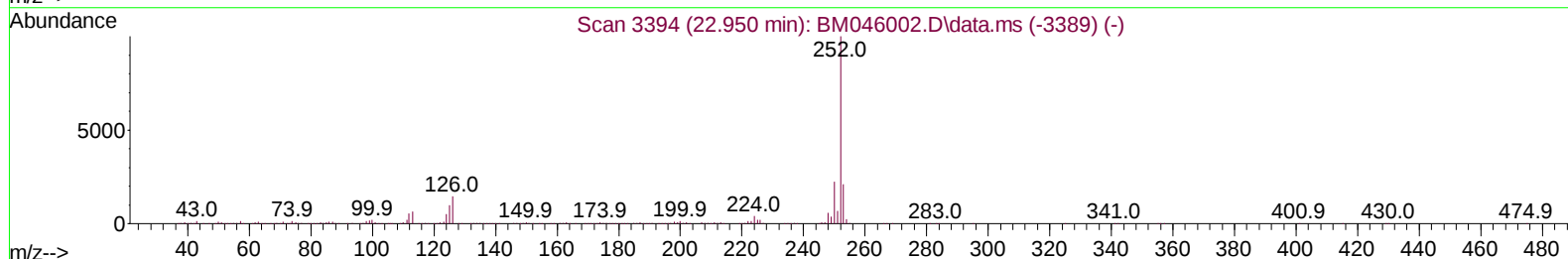
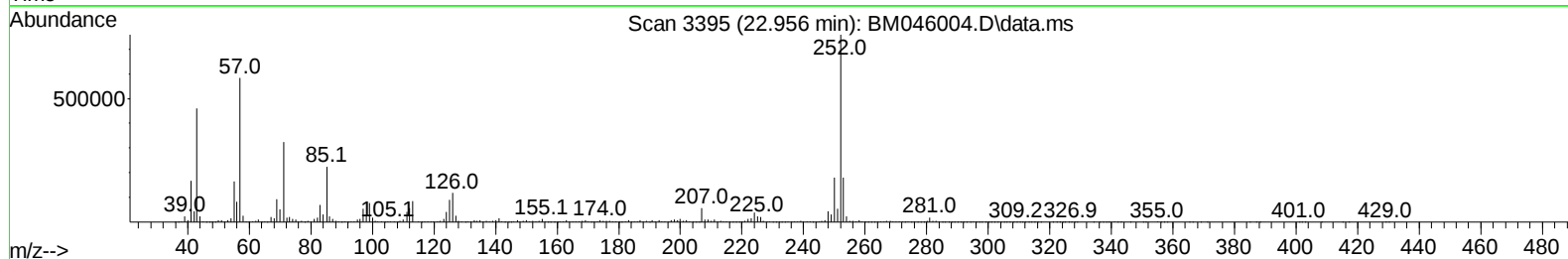
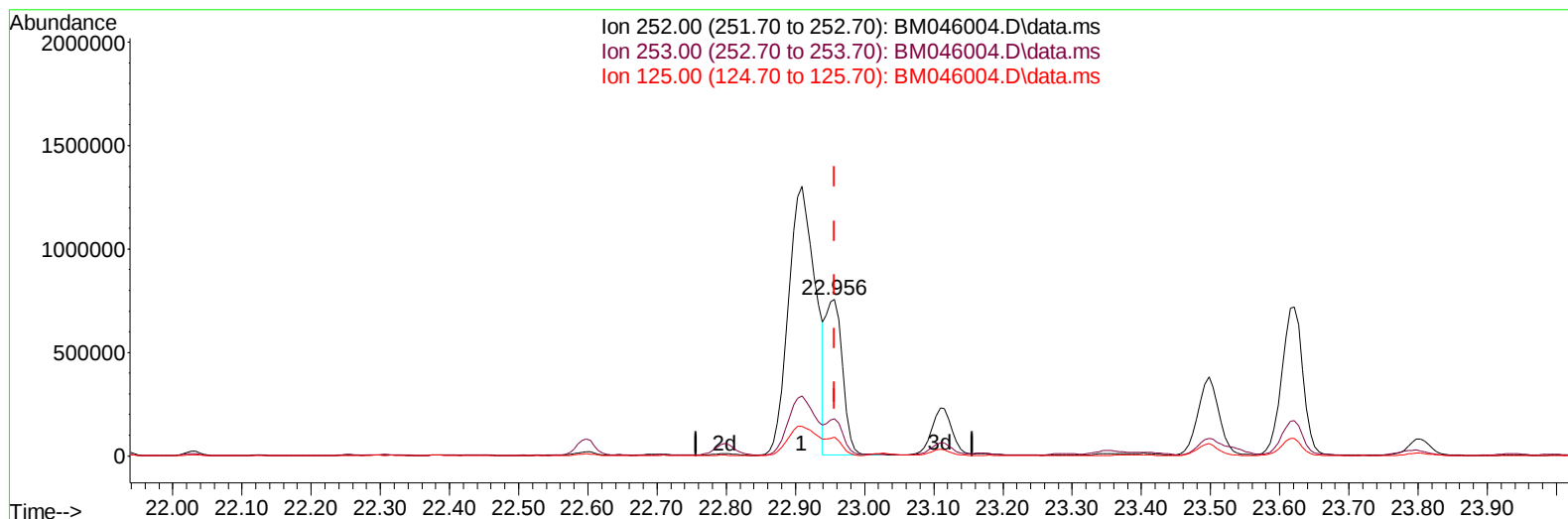
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046004.D
 Acq On : 12 Jun 2024 19:59
 Operator : MA/JU
 Sample : P2659-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC24

Manual IntegrationsAPPROVED

Quant Time: Jun 13 01:18:24 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: BM046004.D\data.ms

(91) Benzo(k)fluoranthene

22.956min (+ 0.000) 30.59 ng/ul m

response 1266250

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	23.85
125.00	10.30	11.96
0.00	0.00	0.00

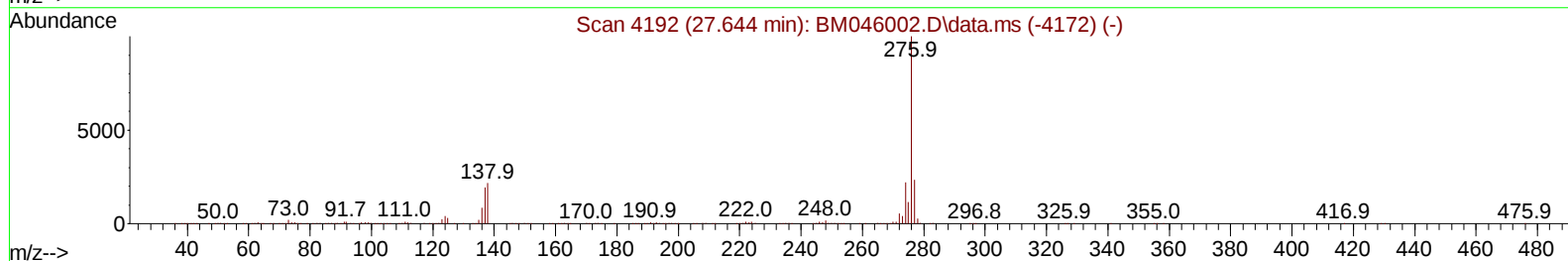
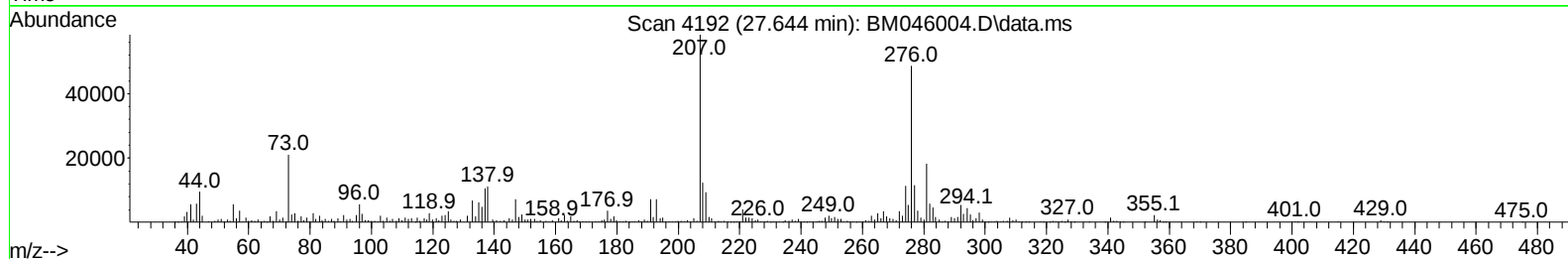
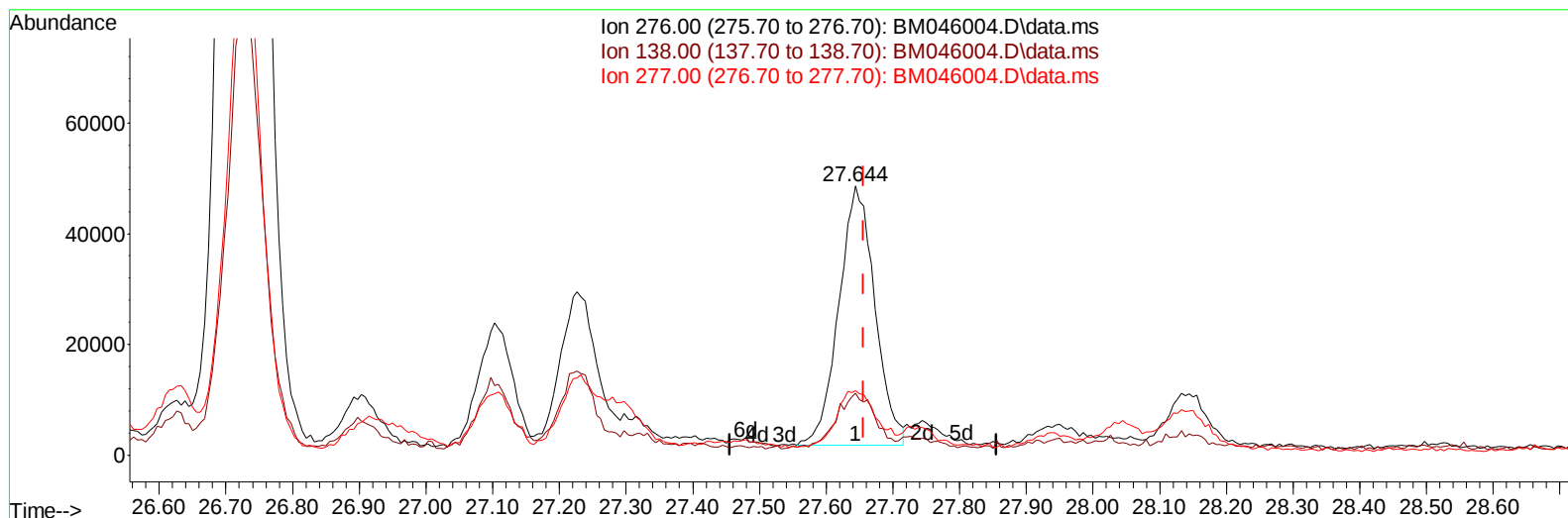
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046004.D
 Acq On : 12 Jun 2024 19:59
 Operator : MA/JU
 Sample : P2659-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC24

Manual IntegrationsAPPROVED

Quant Time: Jun 13 01:58:54 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: BM046004.D\data.ms

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

27.644min (-0.012) 4.92 ng/u1

response 176280

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	23.02
277.00	23.40	24.02
0.00	0.00	0.00

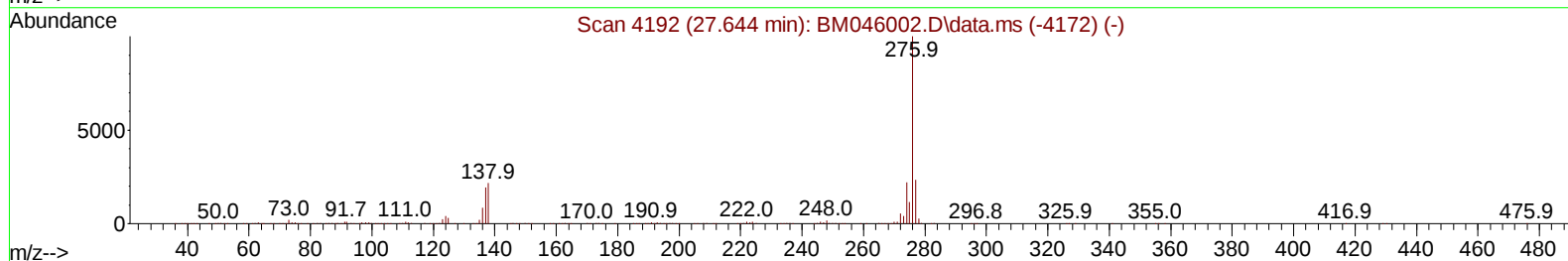
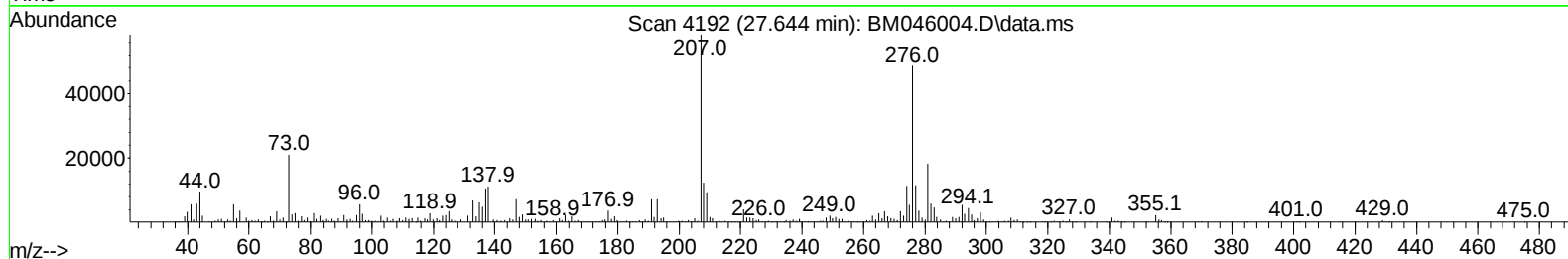
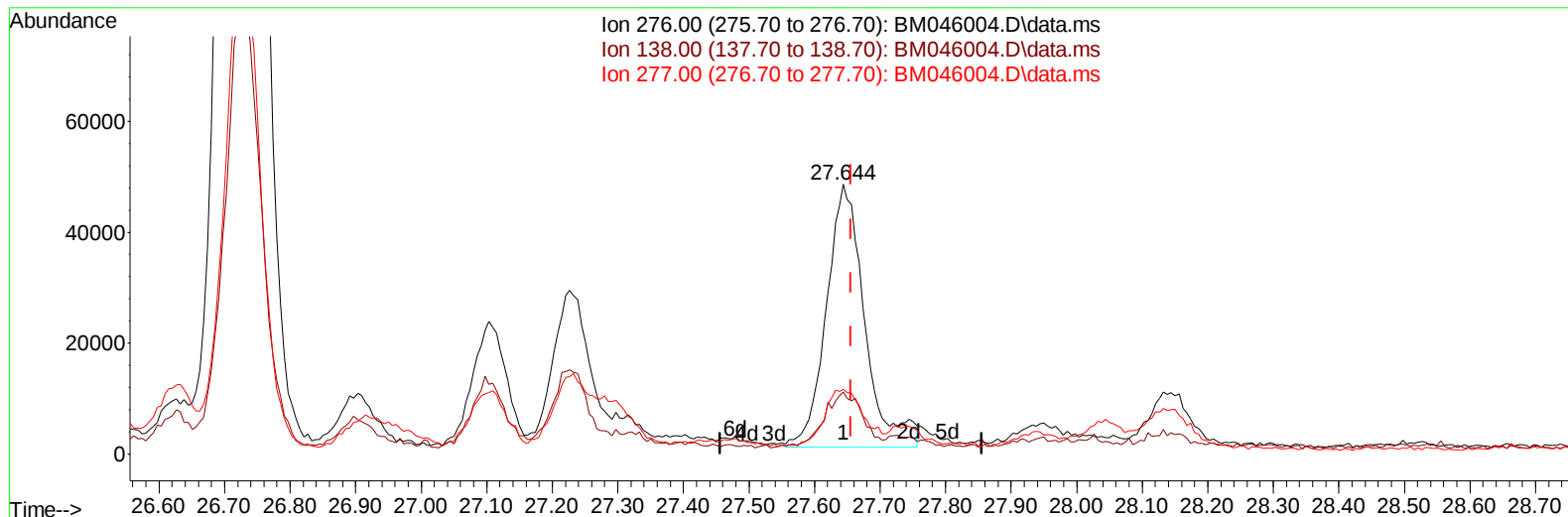
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC24

Manual IntegrationsAPPROVED

Quant Time: Jun 13 01:58:54 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: BM046004.D\data.ms

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

27.644min (-0.012) 5.36 ng/u1 m

response 191833

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	23.02
277.00	23.40	24.02
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046004.D
 Acq On : 12 Jun 2024 19:59
 Operator : MA/JU
 Sample : P2659-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC24

Manual IntegrationsAPPROVED

Quant Time: Jun 13 04:10:39 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
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	118084	20.000	ng/ul	0.00
20) Naphthalene-d8	10.198	136	515496	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164	340331	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.821	188	773922	20.000	ng/ul	0.00
79) Chrysene-d12	21.039	240	704650	20.000	ng/ul	0.00
88) Perylene-d12	23.744	264	689618	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	9784	3.212	ng/uL	0.00
4) Pyridine-d5	3.469	84	40466	5.160	ng/ul	0.02
7) Phenol-d5	6.693	99	241841	24.108	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	171943	23.870	ng/ul	0.00
11) 2-Chlorophenol-d4	6.999	132	185007	24.690	ng/ul	0.00
15) 4-Methylphenol-d8	8.204	113	187716	24.768	ng/ul	0.00
21) Nitrobenzene-d5	8.598	128	94005m	23.323	ng/ul	0.00
24) 2-Nitrophenol-d4	9.310	143	93923	23.025	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	181281	23.699	ng/ul	0.00
31) 4-Chloroaniline-d4	10.398	131	73806m	6.972	ng/ul	0.01
46) Dimethylphthalate-d6	13.528	166	581347	24.674	ng/ul	0.00
49) Acenaphthylene-d8	13.769	160	682330	24.939	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	68553	13.482	ng/ul	0.00
60) Fluorene-d10	15.080	176	526722	26.205	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.222	200	60275	15.252	ng/ul	0.00
73) Anthracene-d10	16.921	188	874282	25.986	ng/ul	0.00
81) Pyrene-d10	19.221	212	1011832	23.090	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.562	264	599815	18.610	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.281	105	32133	2.544	ng/ul	92
30) Naphthalene	10.251	128	50537	1.838	ng/ul	97
36) 2-Methylnaphthalene	11.881	142	26263	1.443	ng/ul	97
37) 1-Methylnaphthalene	12.098	142	29152	1.602	ng/ul#	95
50) Acenaphthylene	13.798	152	373916	11.808	ng/ul	99
52) Acenaphthene	14.145	153	49001	2.319	ng/ul	97
56) Dibenzofuran	14.486	168	45799	1.607	ng/ul	90
61) Fluorene	15.133	166	108151	4.710	ng/ul#	94
72) Phenanthrene	16.868	178	3129628	76.746	ng/ul	99
74) Anthracene	16.957	178	530198	13.017	ng/ul	99
77) Carbazole	17.245	167	228739	6.581	ng/ul	99
78) Di-n-butylphthalate	17.815	149	161506	3.534	ng/ul	97
80) Fluoranthene	18.898	202	7556159	142.235	ng/ul	99
82) Pyrene	19.257	202	5808114	106.411	ng/ul	99
83) Butylbenzylphthalate	20.180	149	95032	4.272	ng/ul	90
85) Benzo(a)anthracene	21.027	228	2905508	59.717	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	20.968	149	376087	11.379	ng/ul	99
87) Chrysene	21.080	228	3083426	68.506	ng/ul	97
90) Benzo(b)fluoranthene	22.909	252	3532906	83.362	ng/ul	100
91) Benzo(k)fluoranthene	22.956	252	1266250m	30.590	ng/ul	
93) Benzo(a)pyrene	23.621	252	1515745	40.701	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.733	276	1339140	32.928	ng/ul	99
95) Dibenzo(a,h)anthracene	26.756	278	421018	13.089	ng/ul	93

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Instrument :
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BHC24

Manual IntegrationsAPPROVED

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

Quant Time: Jun 13 04:10:39 2024
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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)
96) Benzo(g,h,i)perylene	27.644	276		191833m	5.356	ng/ul	

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

