

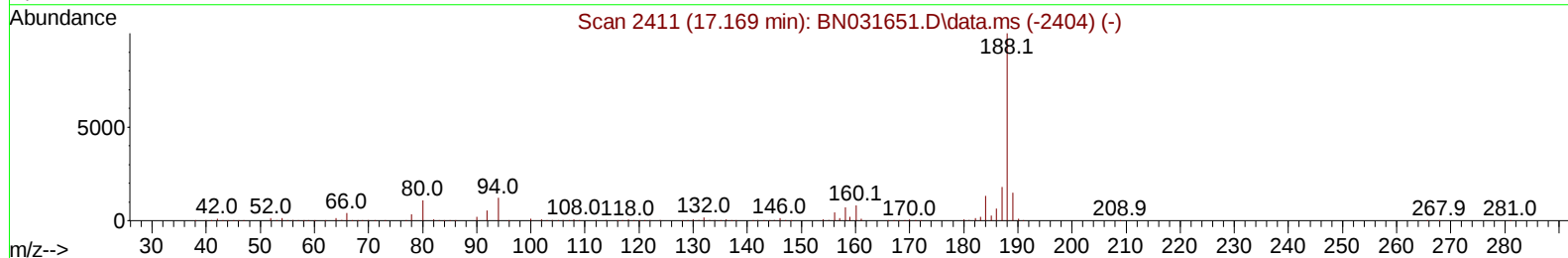
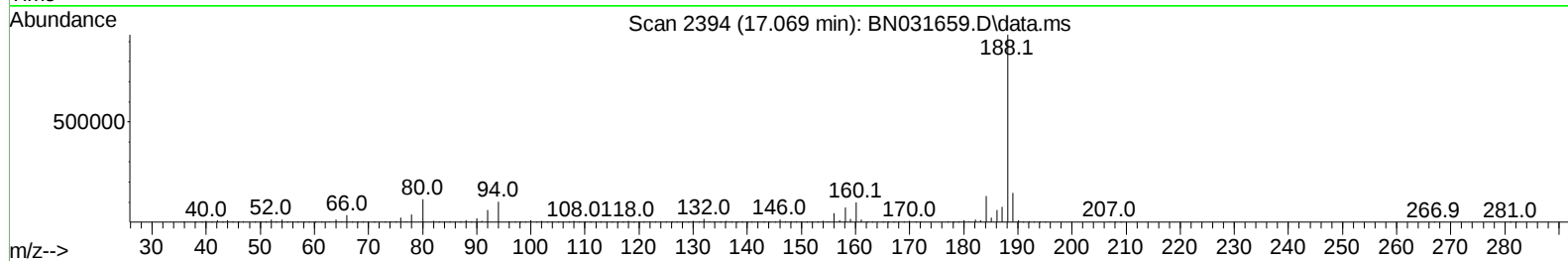
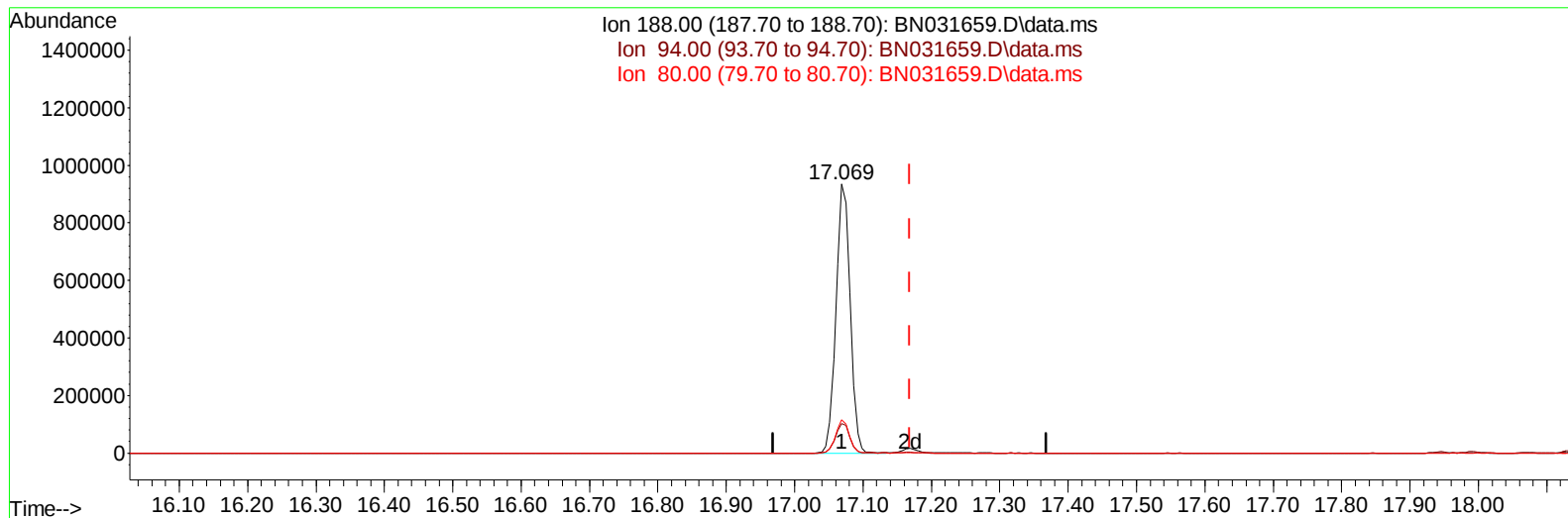
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031659.D
Acq On : 24 May 2024 13:41
Operator : MA/JU
Sample : P2548-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH616

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 24 22:42:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration



TIC: BN031659.D\data.ms

(73) Anthracene-d10 (S)

17.069min (-0.100) 23.62 ng/u1

response 1346947

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.60	10.98
80.00	11.60	12.29
0.00	0.00	0.00

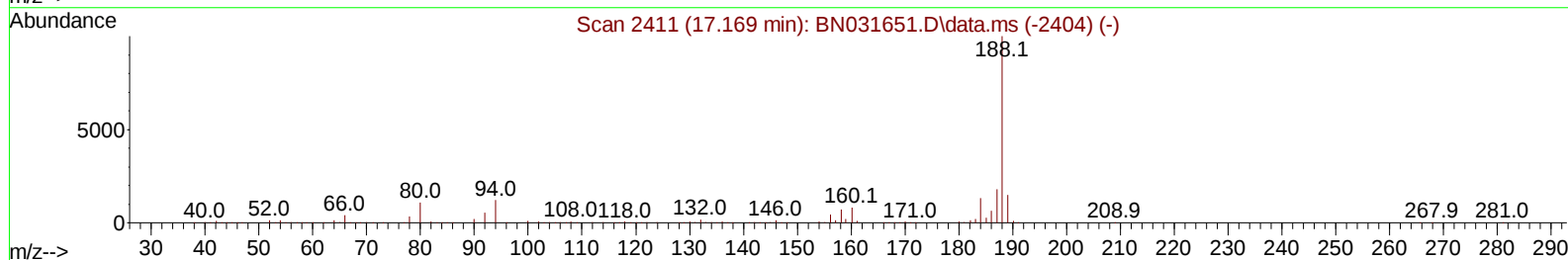
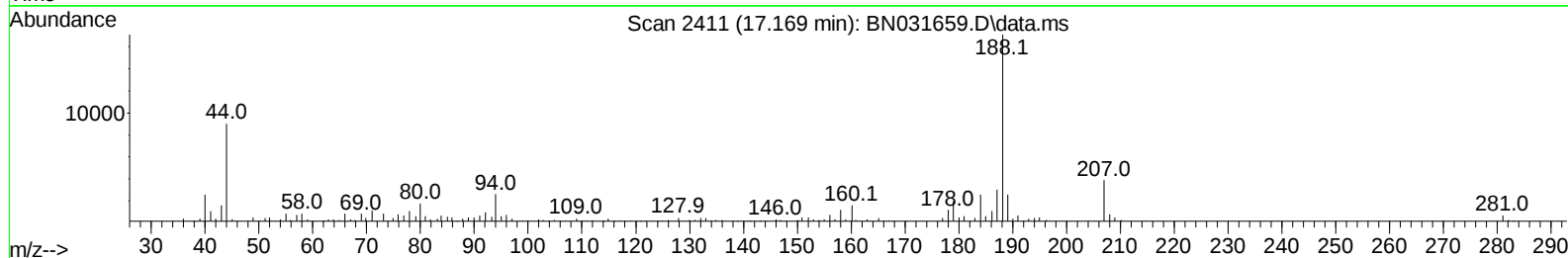
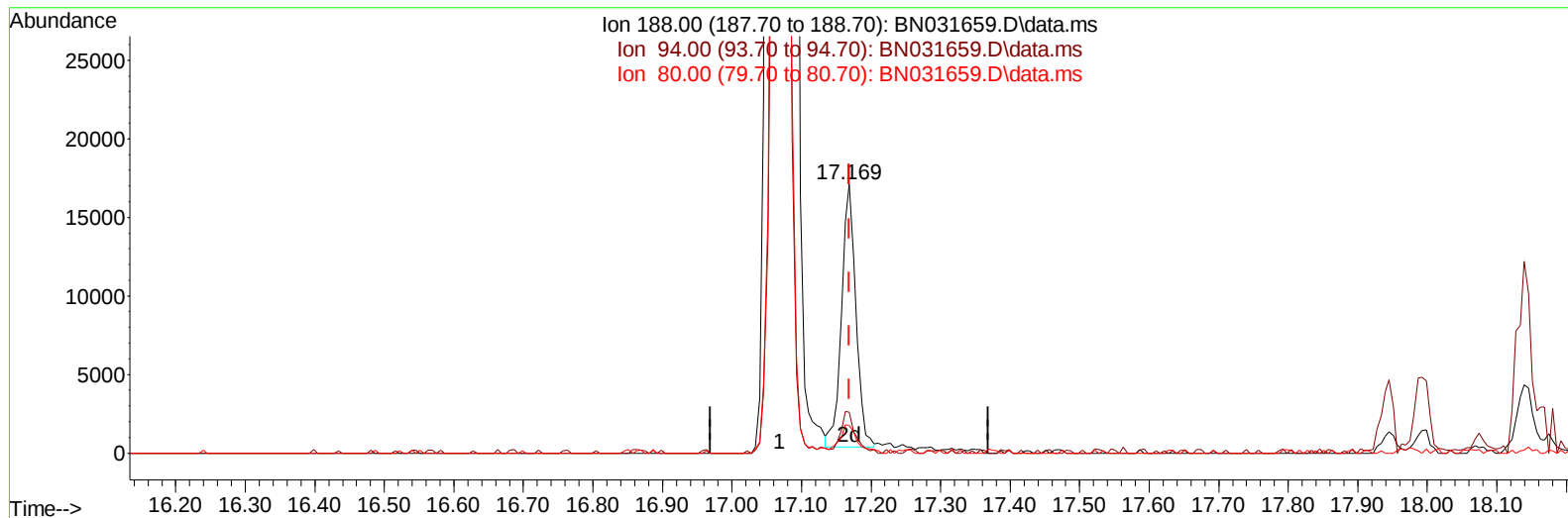
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031659.D
Acq On : 24 May 2024 13:41
Operator : MA/JU
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Misc :
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Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



TIC: BN031659.D\data.ms

(73) Anthracene-d10 (S)

17.169min (+ 0.000) 0.42 ng/u1 m

response 24047

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.60	15.32#
80.00	11.60	10.30
0.00	0.00	0.00

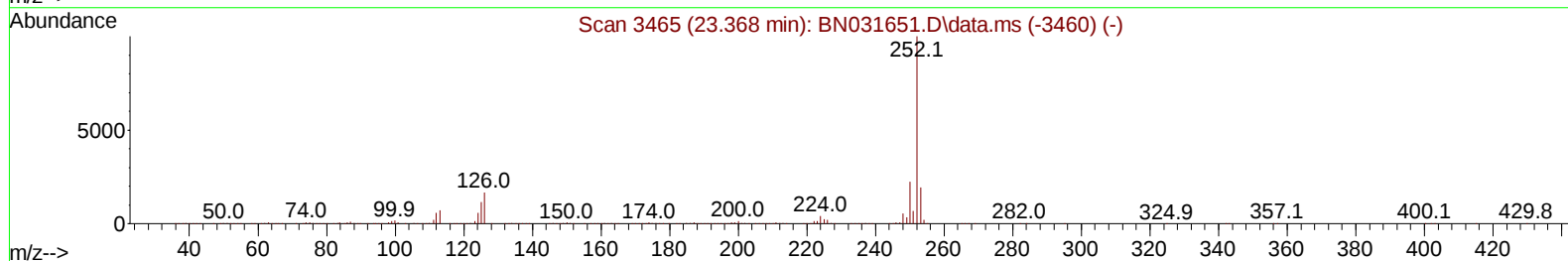
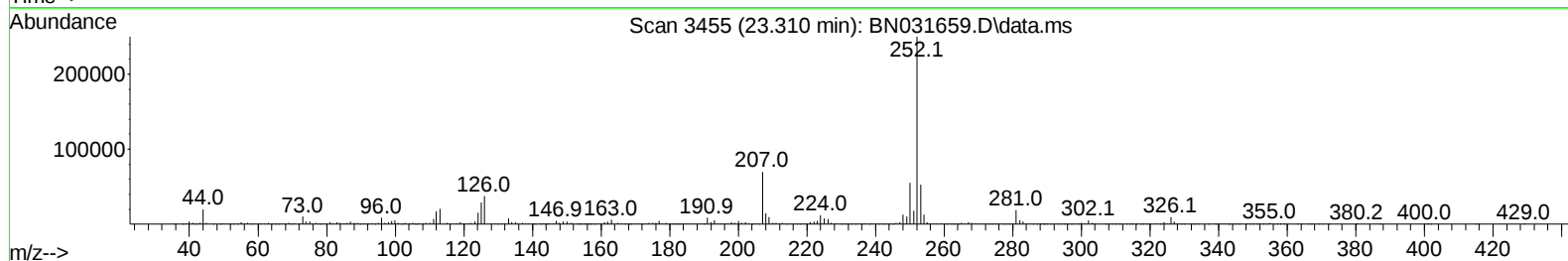
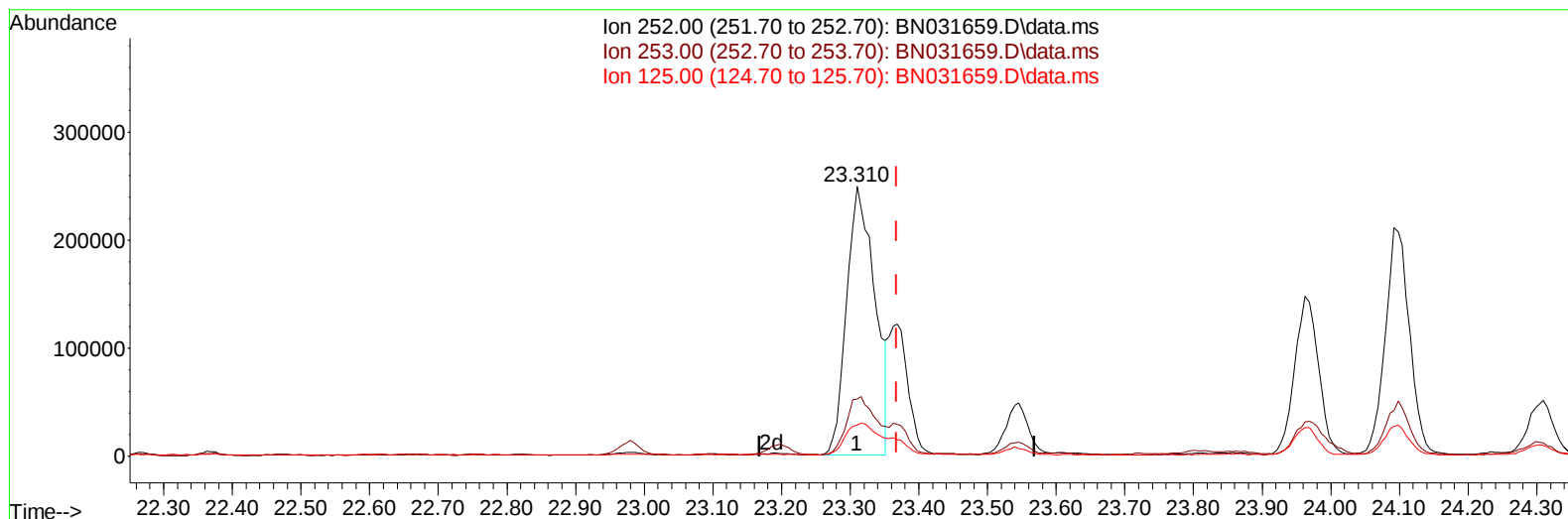
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031659.D
Acq On : 24 May 2024 13:41
Operator : MA/JU
Sample : P2548-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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TIC: BN031659.D\data.ms

(91) Benzo(k)fluoranthene

23.310min (-0.059) 7.62 ng/u1

response 712479

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.20
125.00	11.60	11.56
0.00	0.00	0.00

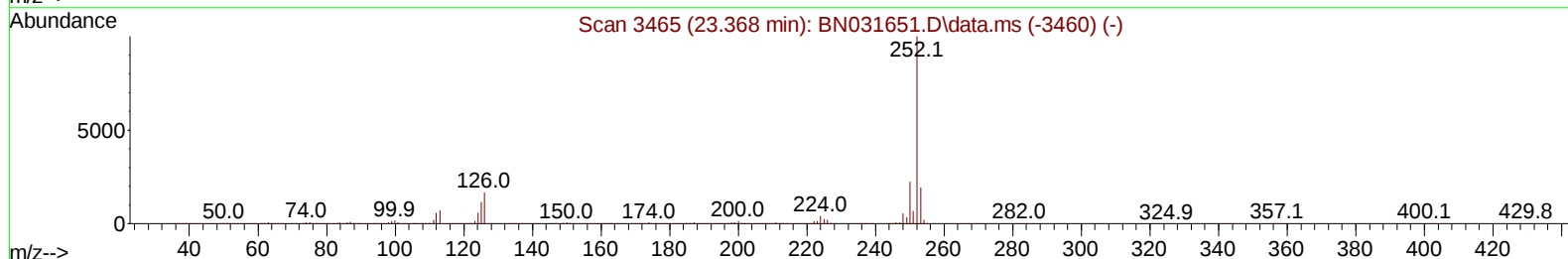
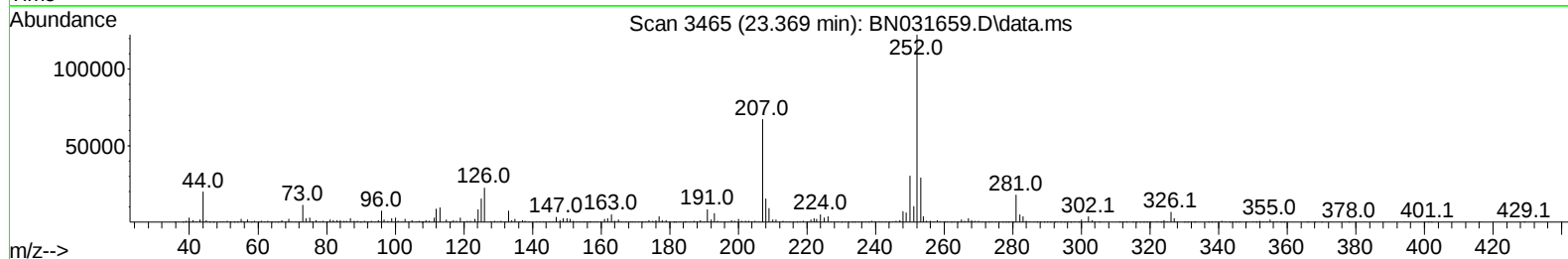
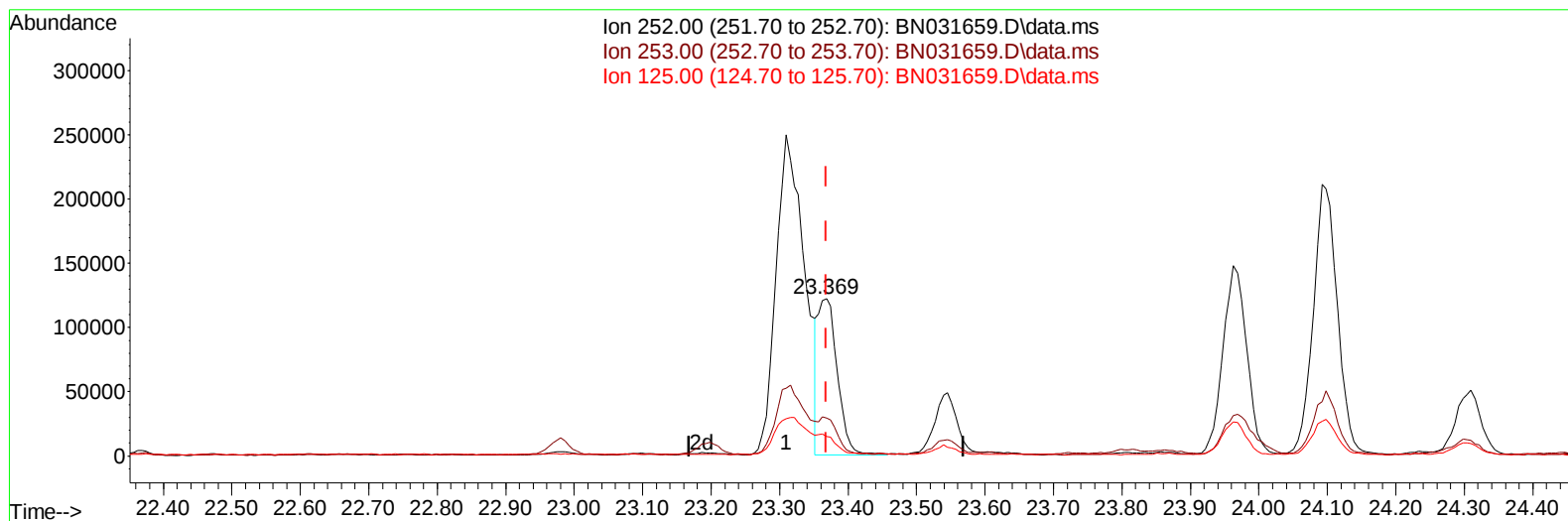
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
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Sample : P2548-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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QLast Update : Tue May 21 23:42:49 2024
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Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



TIC: BN031659.D\data.ms

(91) Benzo(k)fluoranthene

23.369min (+ 0.000) 2.55 ng/u1 m

response 238553

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	23.97
125.00	11.60	12.53
0.00	0.00	0.00

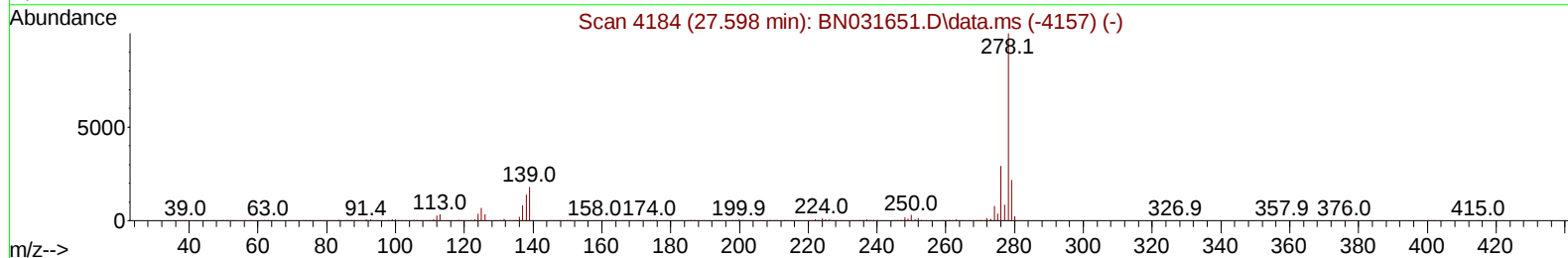
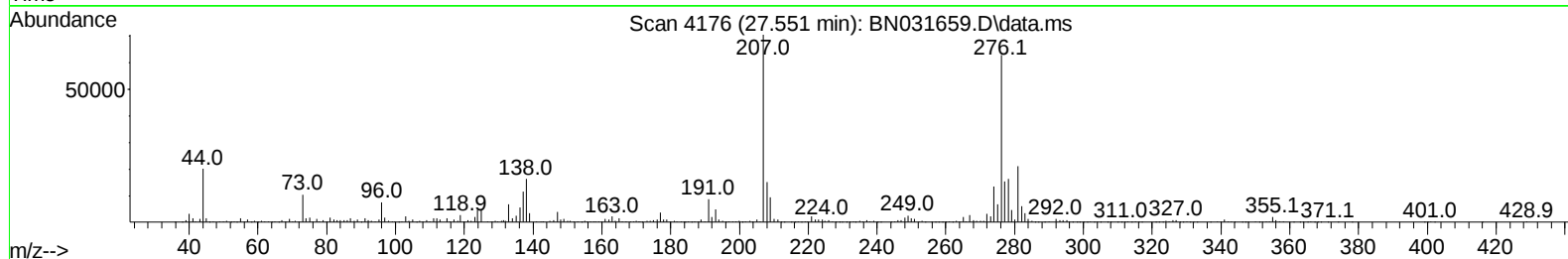
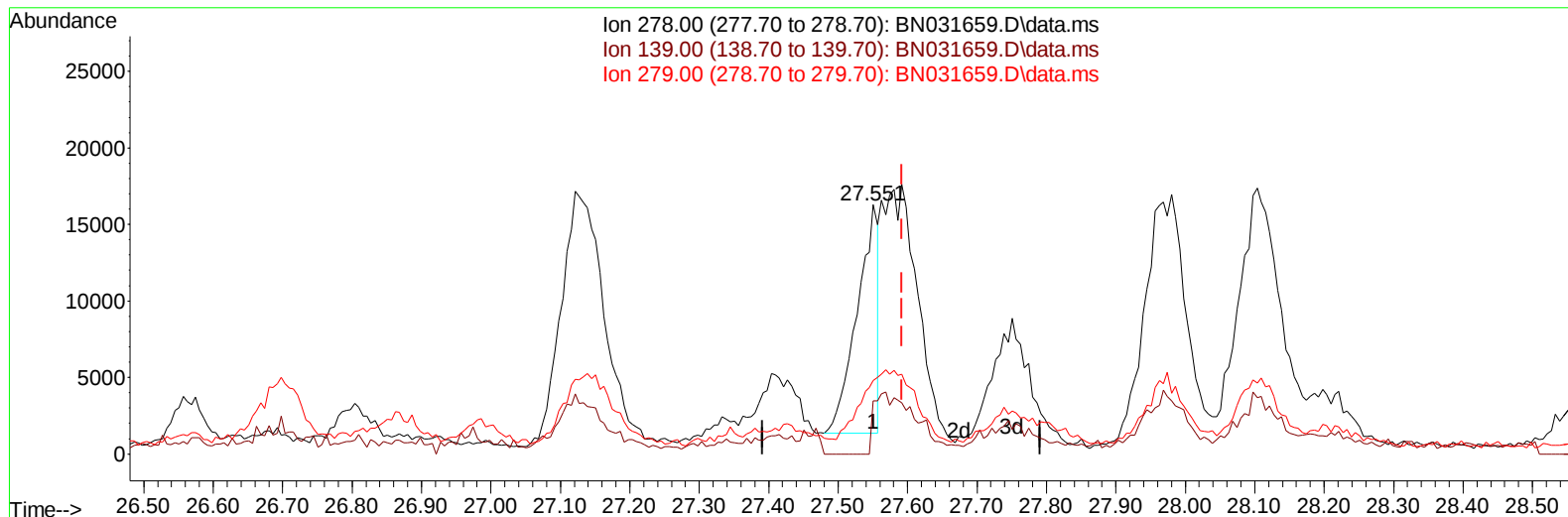
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031659.D
Acq On : 24 May 2024 13:41
Operator : MA/JU
Sample : P2548-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH616

Manual IntegrationsAPPROVED

Quant Time: May 24 23:12:29 2024
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Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



TIC: BN031659.D\data.ms

(95) Dibenzo(a,h)anthracene

27.551min (-0.041) 0.36 ng/u1

response 31535

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.00	21.38
279.00	23.00	29.52#
0.00	0.00	0.00

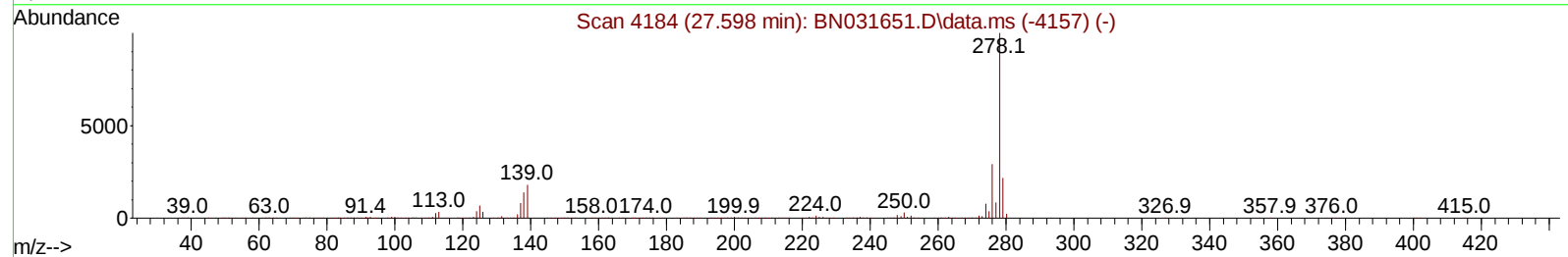
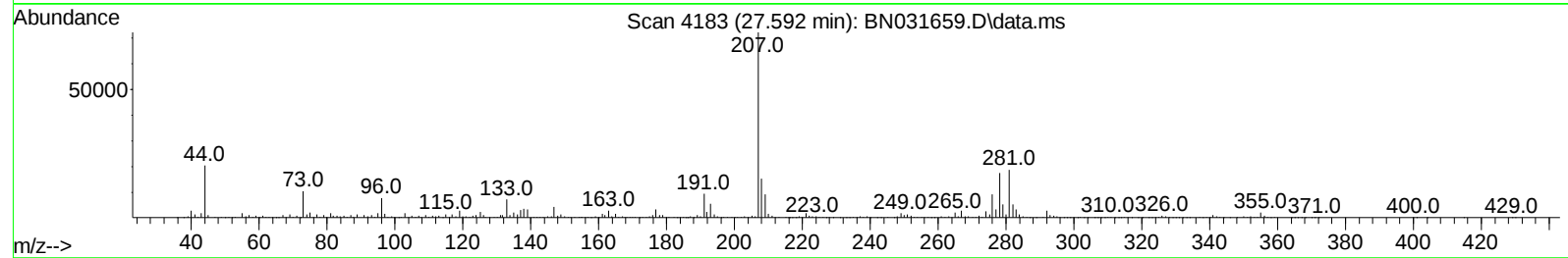
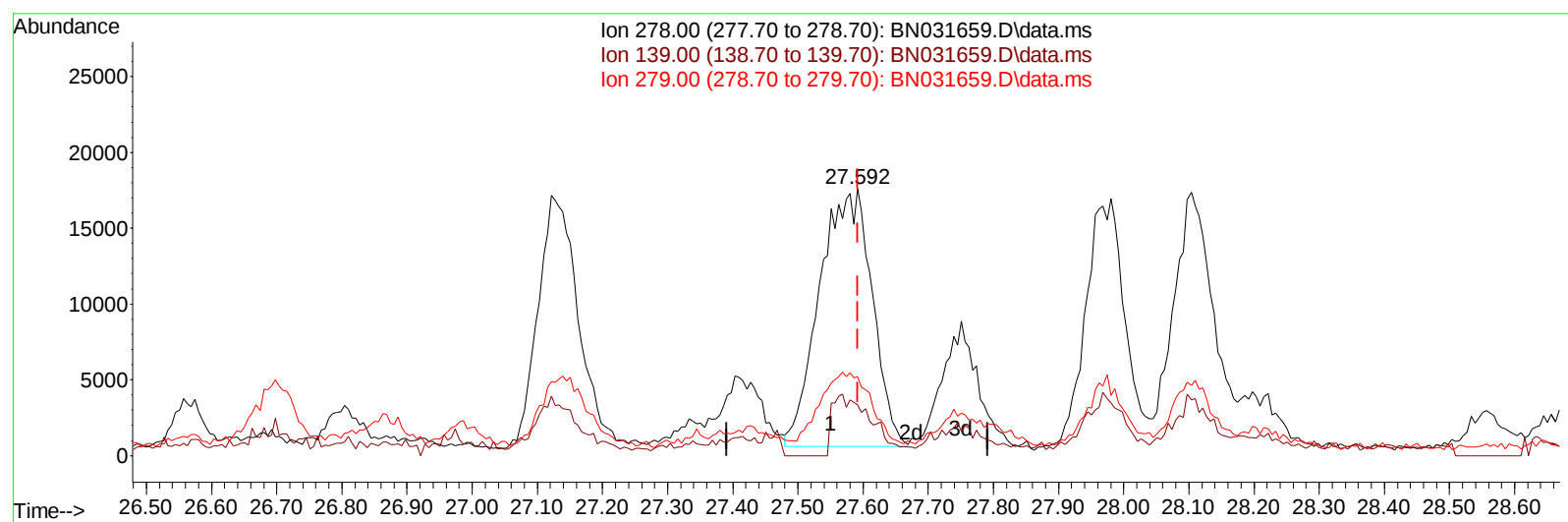
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031659.D
Acq On : 24 May 2024 13:41
Operator : MA/JU
Sample : P2548-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH616

Manual IntegrationsAPPROVED

Quant Time: May 24 23:12:29 2024
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QLast Update : Tue May 21 23:42:49 2024
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Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



TIC: BN031659.D\data.ms

(95) Dibenzo(a,h)anthracene

27.592min (+ 0.000) 1.09 ng/u1 m

response 94495

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.00	19.09
279.00	23.00	29.50#
0.00	0.00	0.00

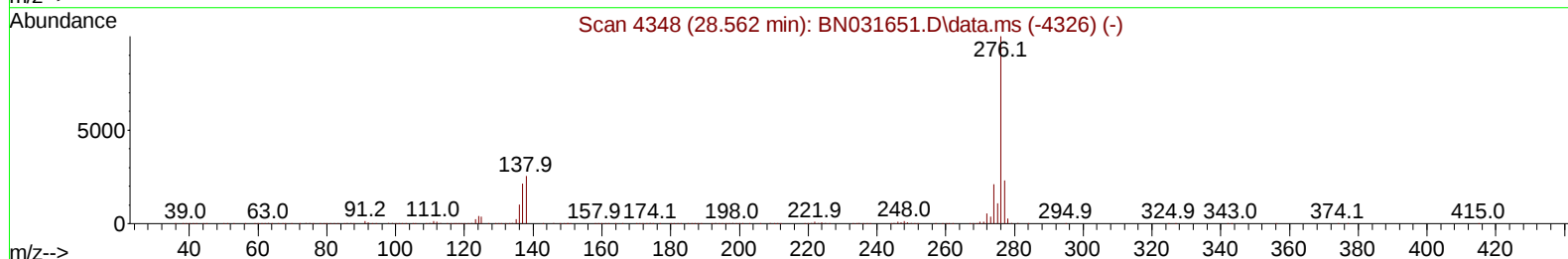
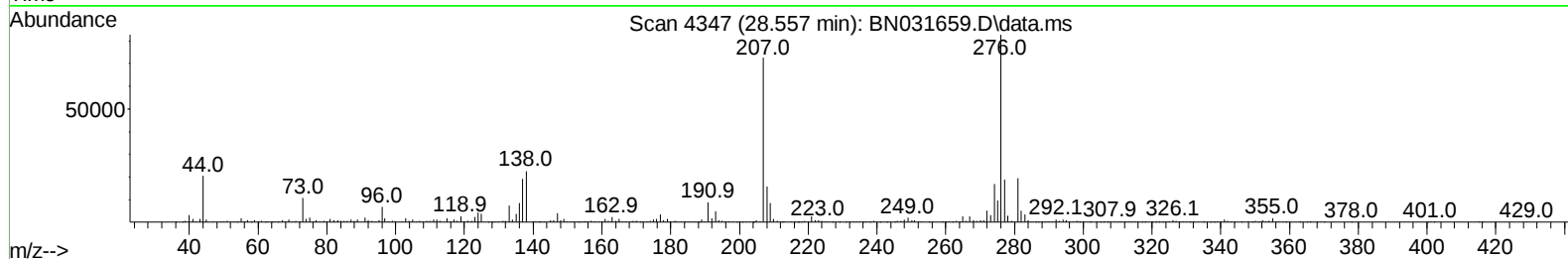
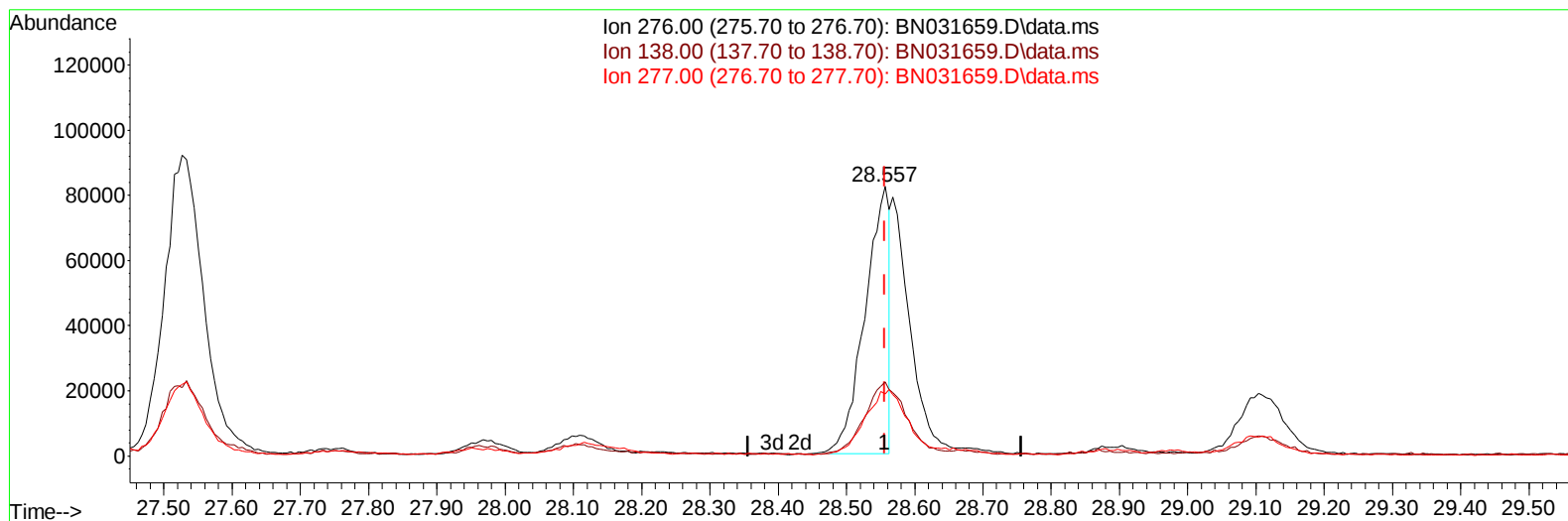
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



TIC: BN031659.D\data.ms

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

28.557min (+ 0.000) 2.33 ng/u1

response 203770

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	27.37
277.00	22.00	23.03
0.00	0.00	0.00

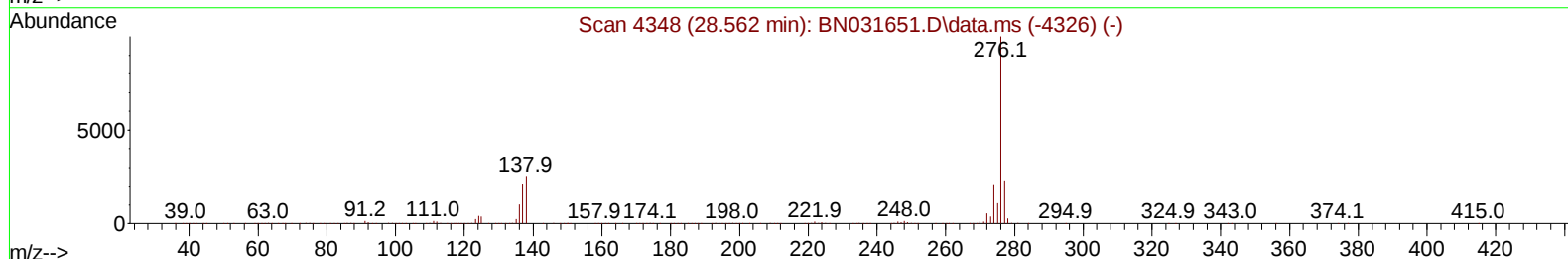
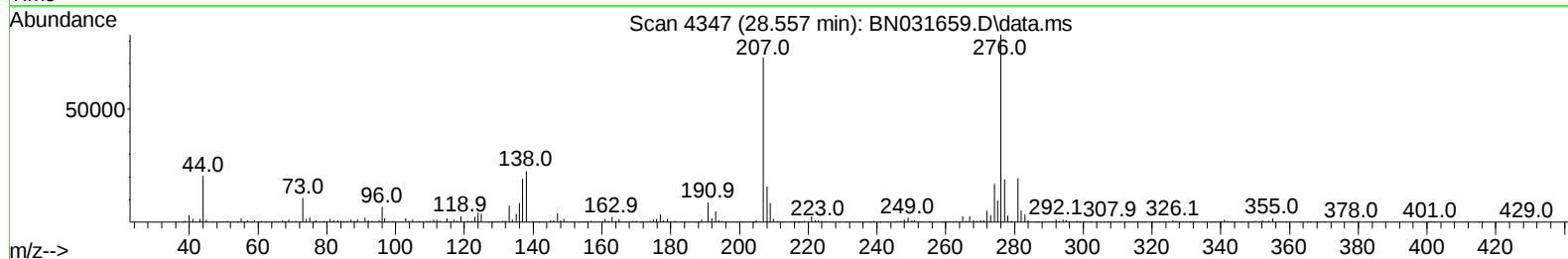
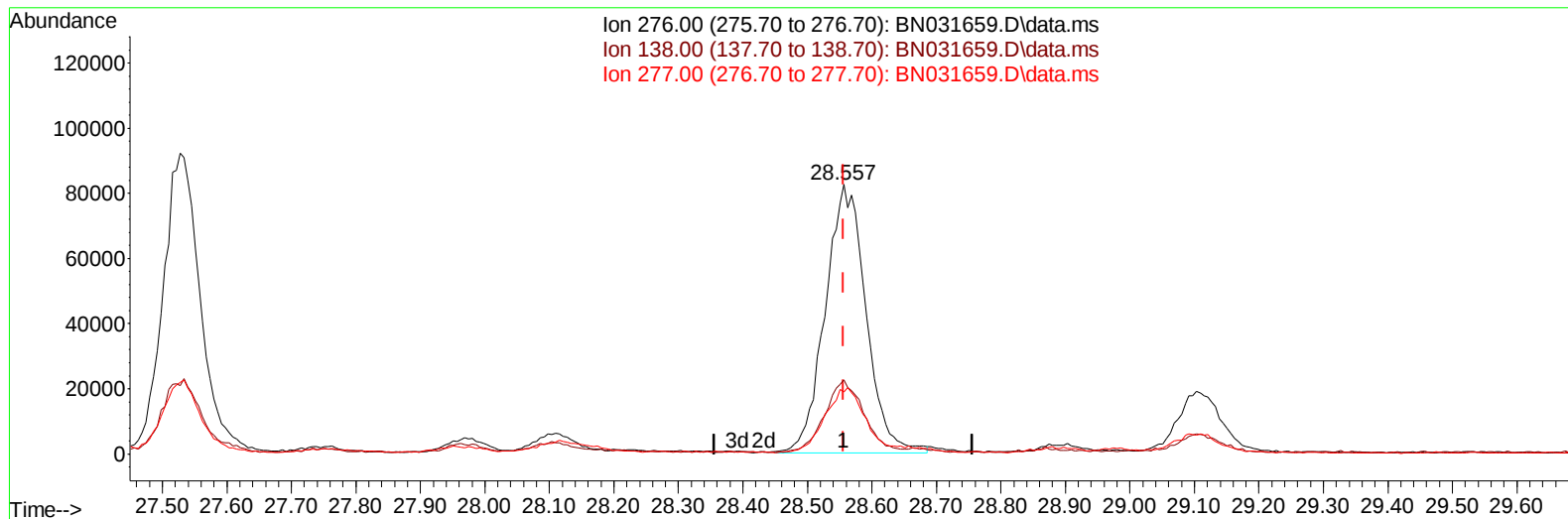
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031659.D
Acq On : 24 May 2024 13:41
Operator : MA/JU
Sample : P2548-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH616

Manual IntegrationsAPPROVED

Quant Time: May 24 23:12:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



TIC: BN031659.D\data.ms

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

28.557min (+ 0.000) 4.12 ng/u1 m

response 359787

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	27.37
277.00	22.00	23.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031659.D
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 Operator : MA/JU
 Sample : P2548-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH616

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 24 23:13:34 2024
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152		403639	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136		1519783	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164		770834	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188		1346947	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240		1291854	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264		1571447	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.205	96		3870	0.380	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	6.852	99		9567	0.288	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67		6771	0.340	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132		8043	0.314	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113		6559	0.255	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128		3793	0.330	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143		3083	0.281	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165		6537	0.304	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131		10707	0.346	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166		19084	0.393	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160		21576	0.354	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143		1670	0.182	ng/ul	0.00
60) Fluorene-d10	15.322	176		16140	0.383	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200		654	0.112	ng/ul	0.00
73) Anthracene-d10	17.169	188		24047m	0.422	ng/ul	0.00
81) Pyrene-d10	19.463	212		27511	0.340	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264		30667	0.415	ng/ul	-0.01
Target Compounds							
						Qvalue	
50) Acenaphthylene	14.046	152		111221	1.582	ng/ul	98
72) Phenanthrene	17.110	178		292943	4.285	ng/ul	100
74) Anthracene	17.204	178		89681	1.308	ng/ul	99
80) Fluoranthene	19.128	202		832199	8.309	ng/ul	98
82) Pyrene	19.492	202		804493	7.832	ng/ul	97
85) Benzo(a)anthracene	21.286	228		481303	5.540	ng/ul	93
87) Chrysene	21.345	228		490791	6.116	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252		712479	7.769	ng/ul	100
91) Benzo(k)fluoranthene	23.369	252		238553m	2.552	ng/ul	
93) Benzo(a)pyrene	24.092	252		513558	5.830	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.527	276		366529	3.467	ng/ul	97
95) Dibenzo(a,h)anthracene	27.592	278		94495m	1.085	ng/ul	
96) Benzo(g,h,i)perylene	28.557	276		359787m	4.119	ng/ul	

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

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