

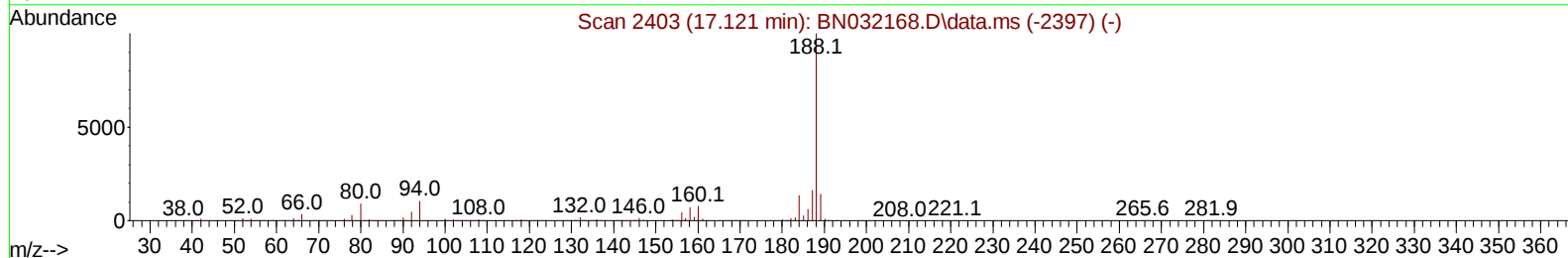
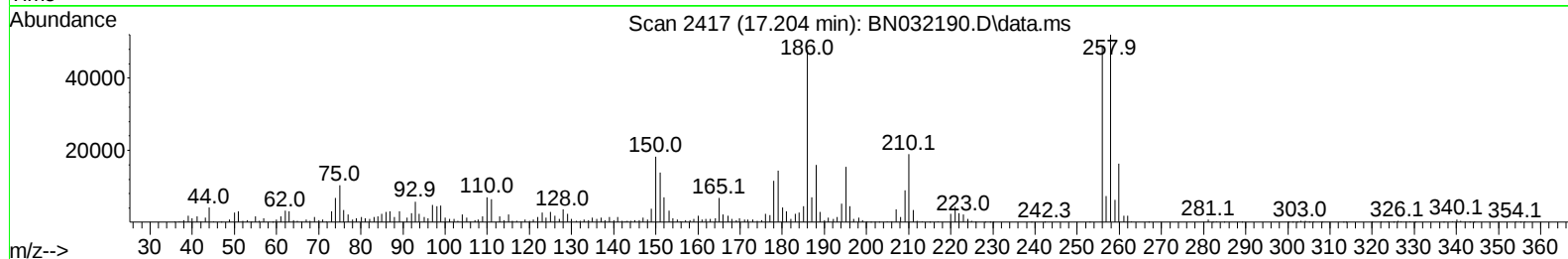
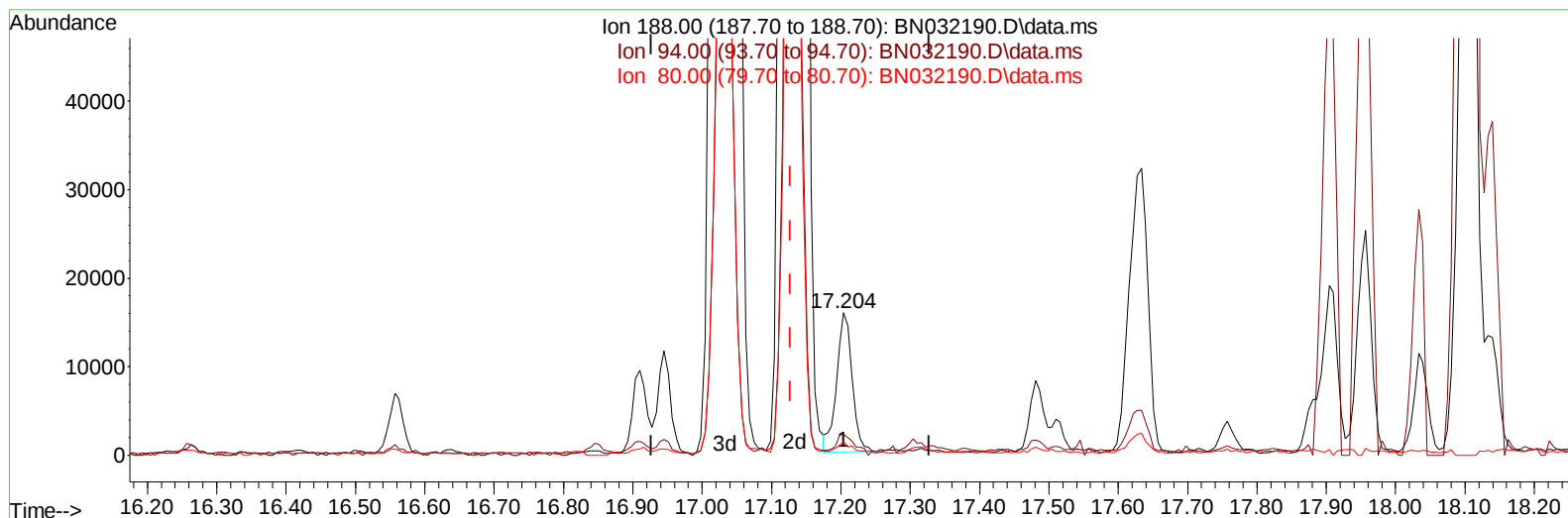
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

Manual IntegrationsAPPROVED

Quant Time: Jun 23 07:31:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024



TIC: BN032190.D\data.ms

(73) Anthracene-d10 (S)

17.204min (+ 0.077) 0.40 ng/u1

response 24191

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.80	14.67
80.00	11.10	9.56
0.00	0.00	0.00

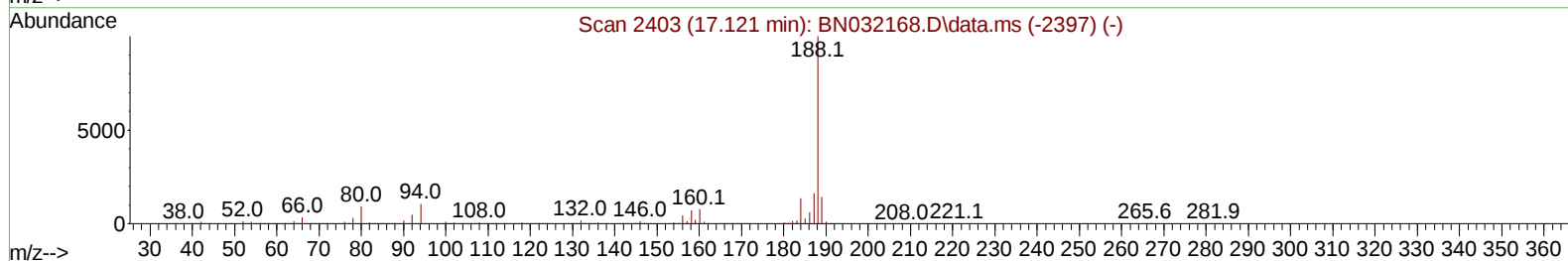
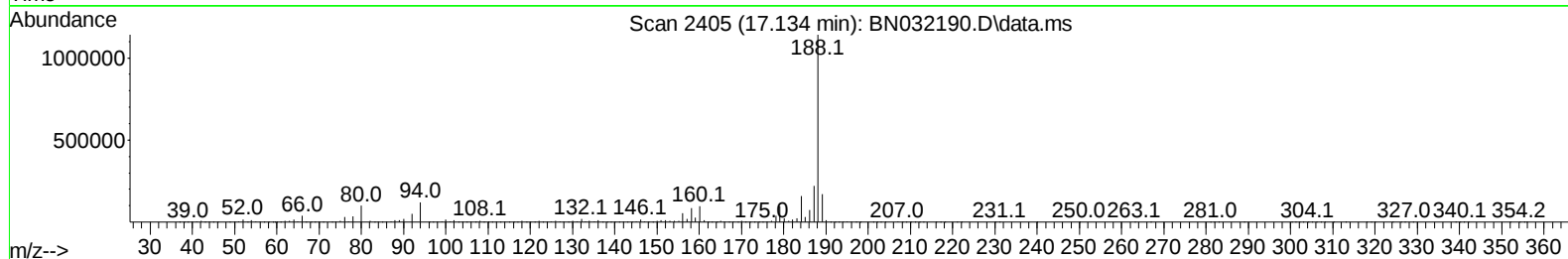
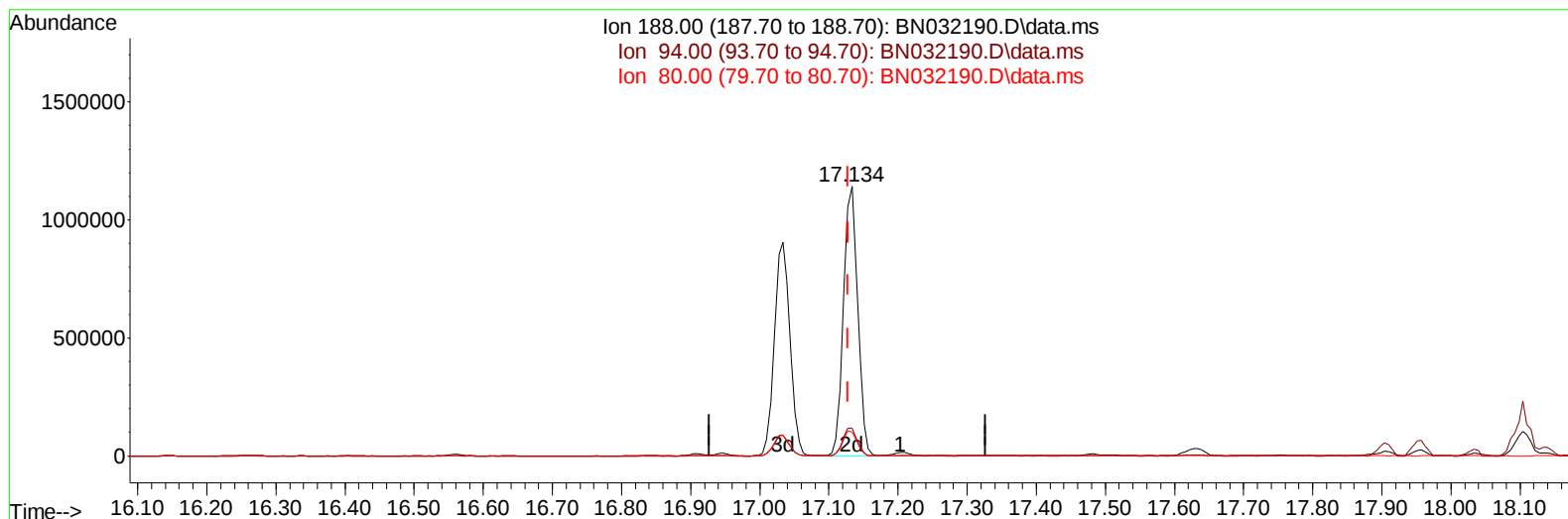
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 23 07:31:05 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024



TIC: BN032190.D\data.ms

(73) Anthracene-d10 (S)

17.134min (+ 0.006) 26.96 ng/u1 m

response 1640115

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.80	10.39
80.00	11.10	8.81#
0.00	0.00	0.00

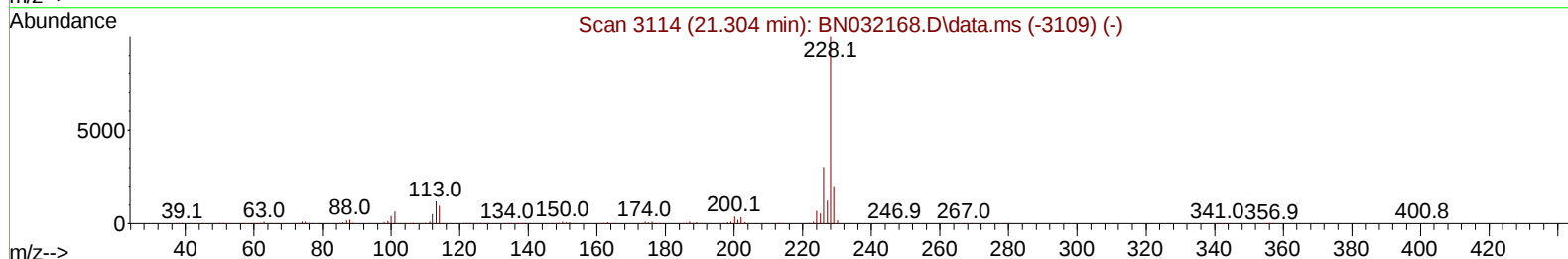
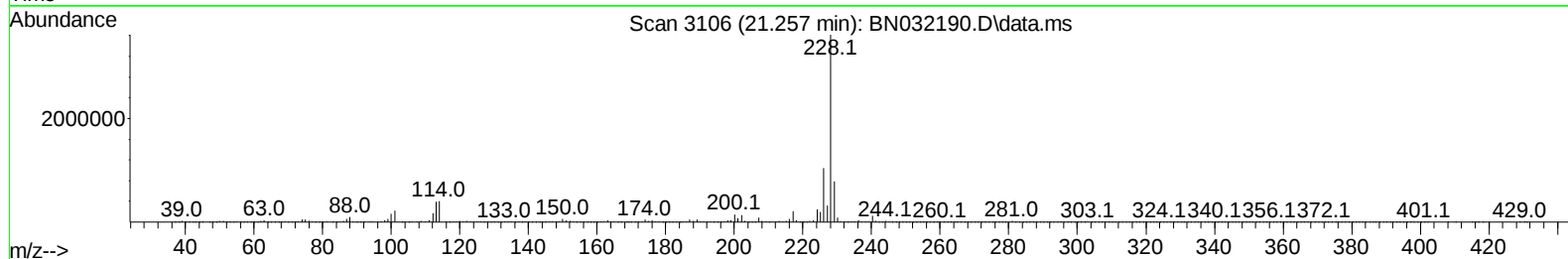
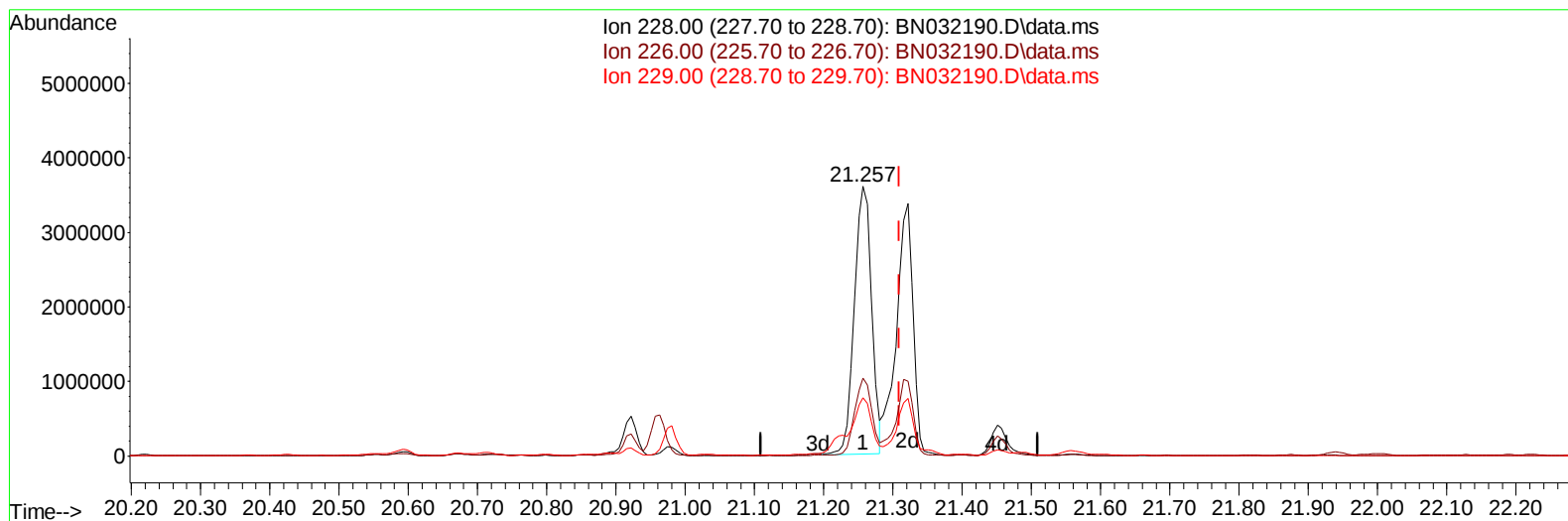
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

Manual IntegrationsAPPROVED

Quant Time: Jun 23 07:32:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024



TIC: BN032190.D\data.ms

(87) Chrysene

21.257min (-0.053) 82.37 ng/u1

response 6180172

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.60	28.82
229.00	18.90	21.68
0.00	0.00	0.00

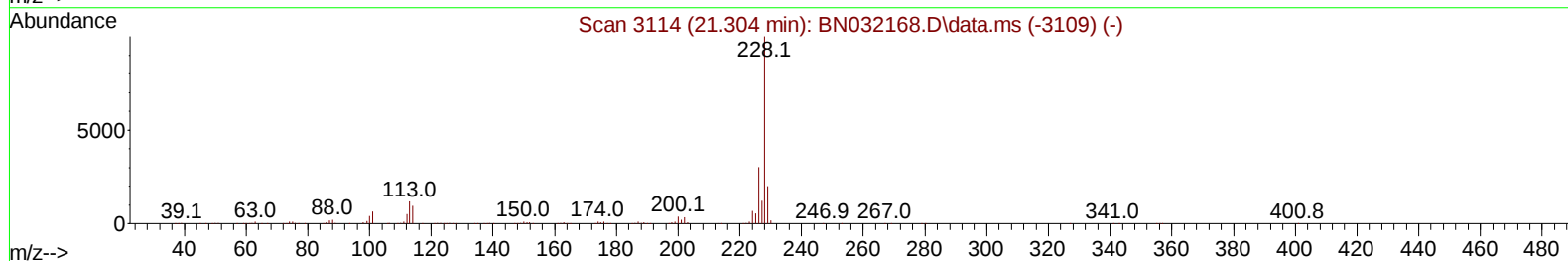
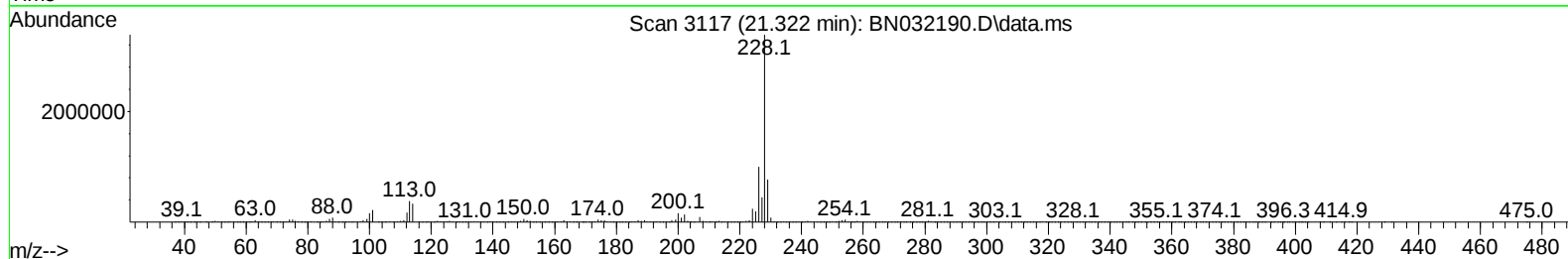
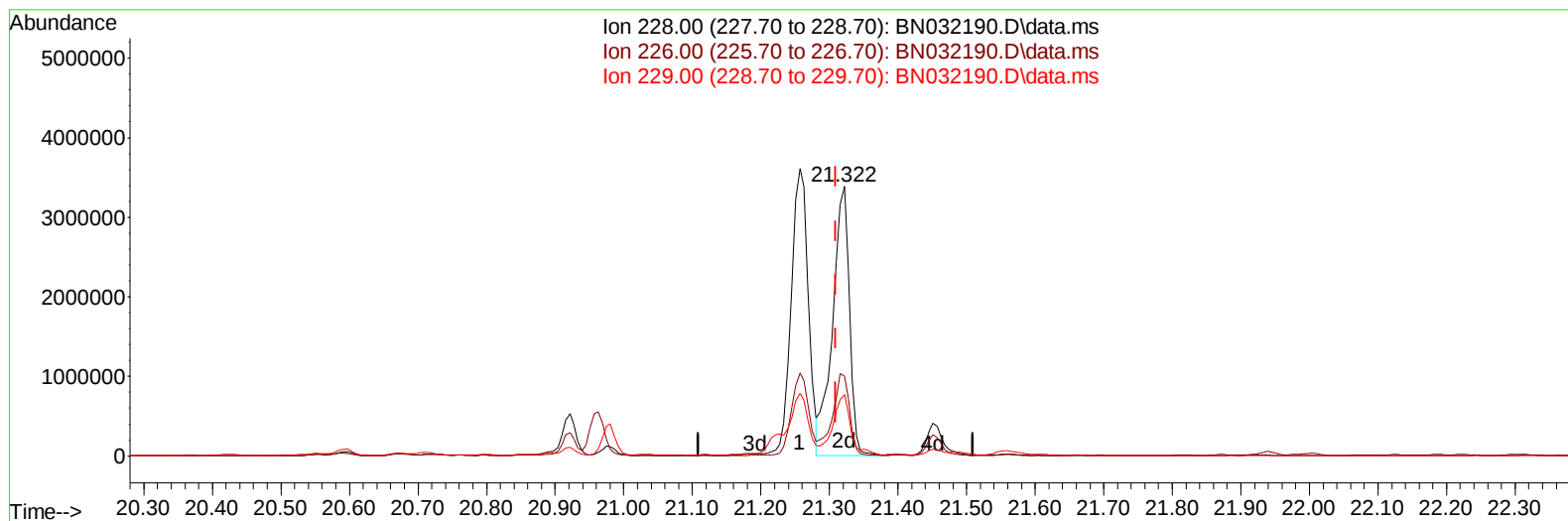
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
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 Operator : MA/JU
 Sample : P2775-21
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/26/2024



TIC: BN032190.D\data.ms

(87) Chrysene

21.322min (+ 0.012) 76.91 ng/ul m

response 5770541

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.60	29.57
229.00	18.90	22.73#
0.00	0.00	0.00

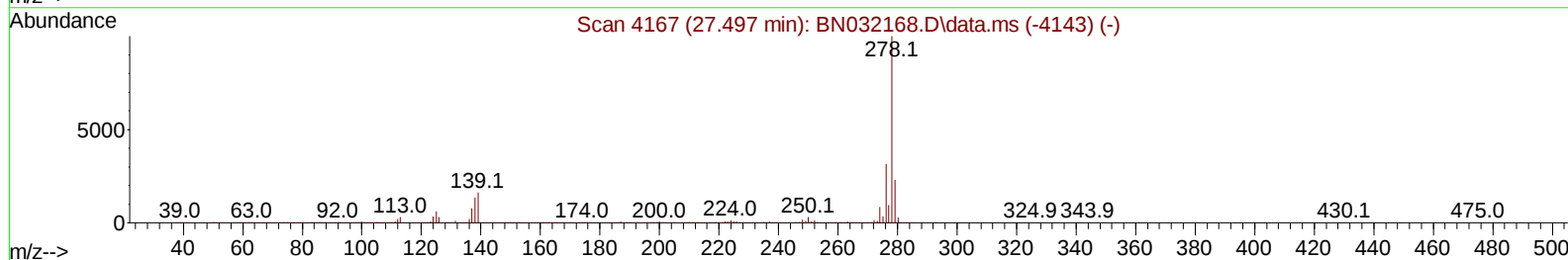
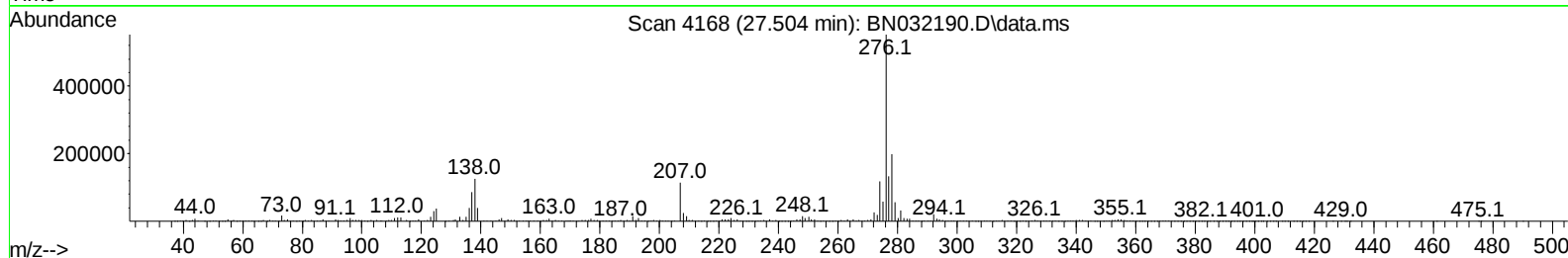
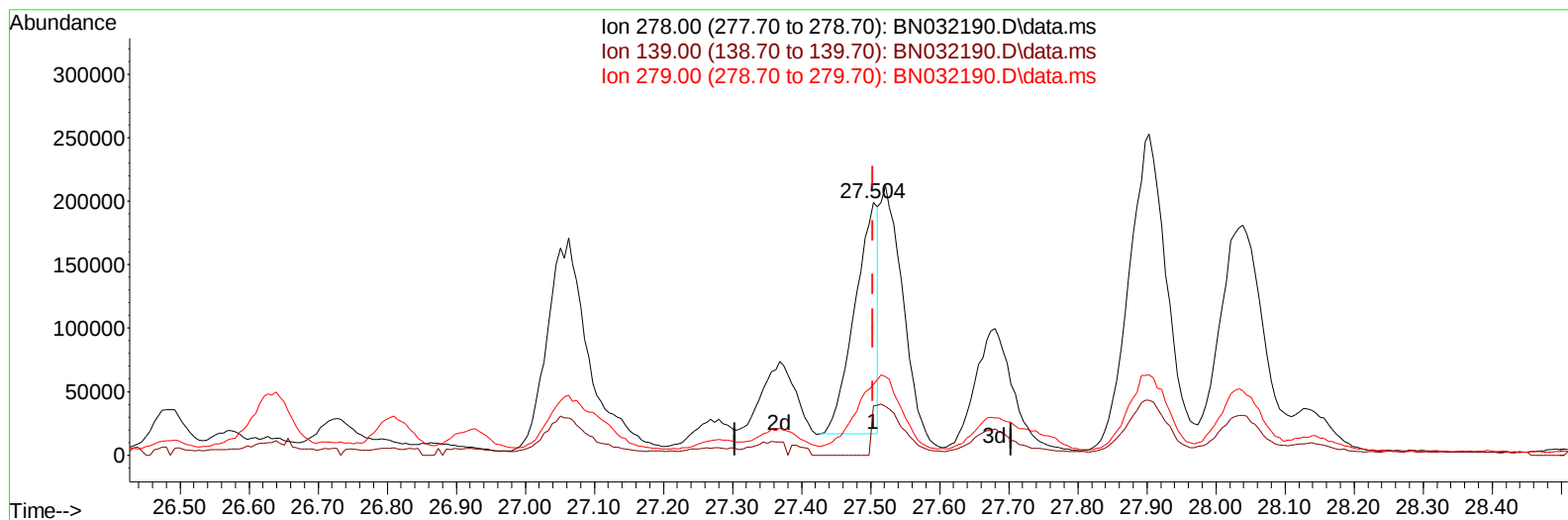
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/26/2024



TIC: BN032190.D\data.ms

(95) Dibenzo(a,h)anthracene

27.504min (+ 0.000) 5.00 ng/u1

response 426976

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	19.58
279.00	21.70	28.06#
0.00	0.00	0.00

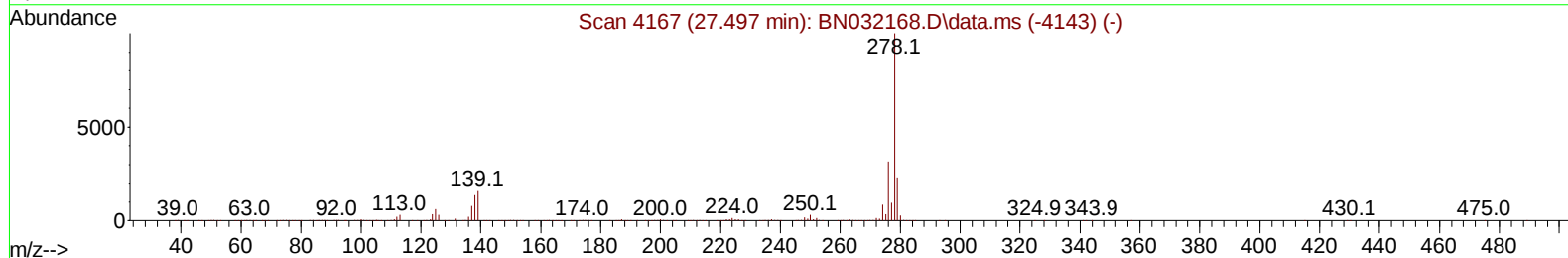
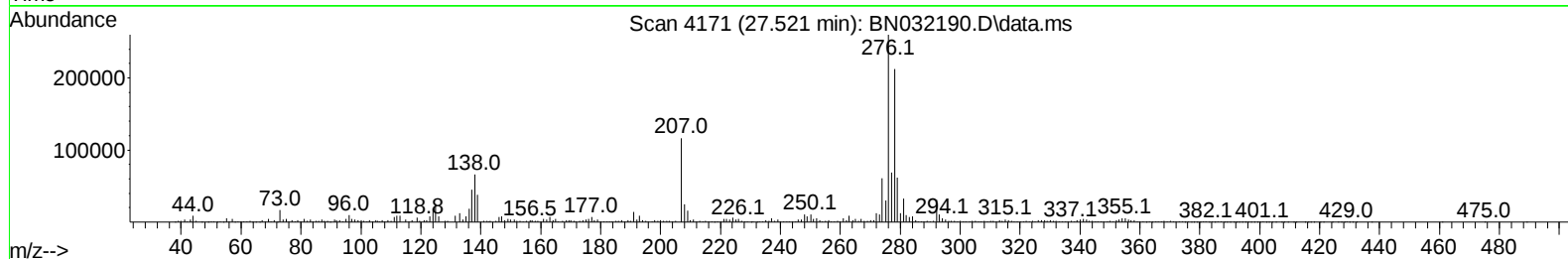
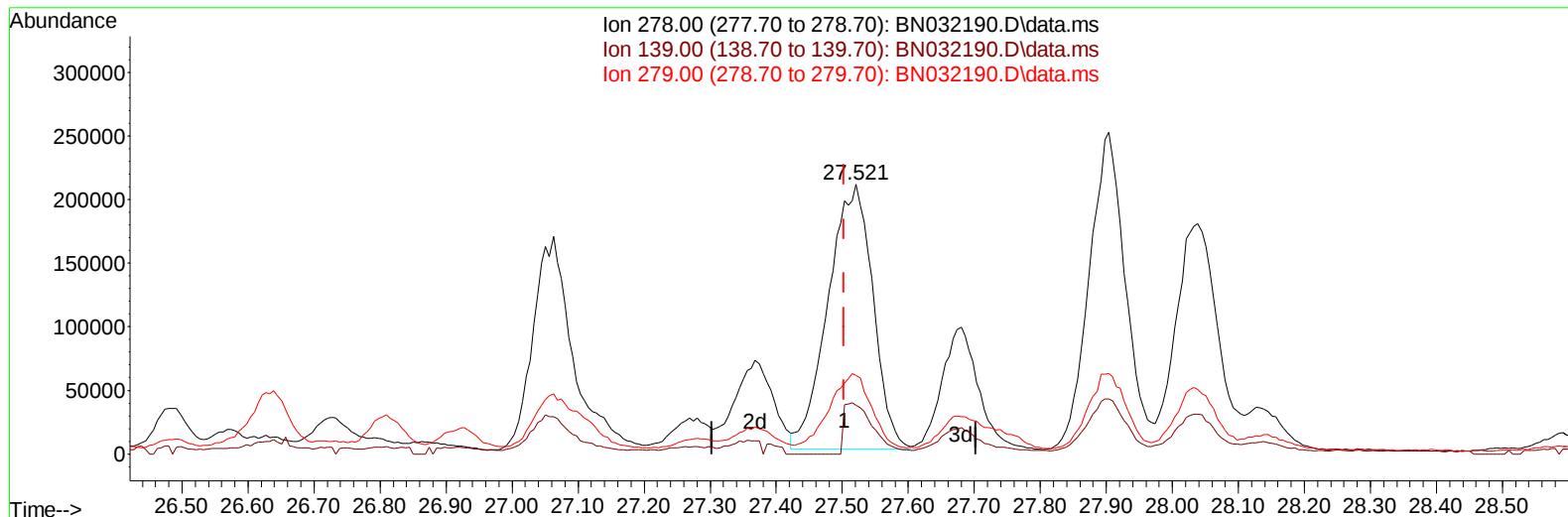
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

Manual IntegrationsAPPROVED

Quant Time: Jun 23 07:32:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024



TIC: BN032190.D\data.ms

(95) Dibenzo(a,h)anthracene

27.521min (+ 0.018) 11.50 ng/ul m

response 981107

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	17.98
279.00	21.70	29.12#
0.00	0.00	0.00

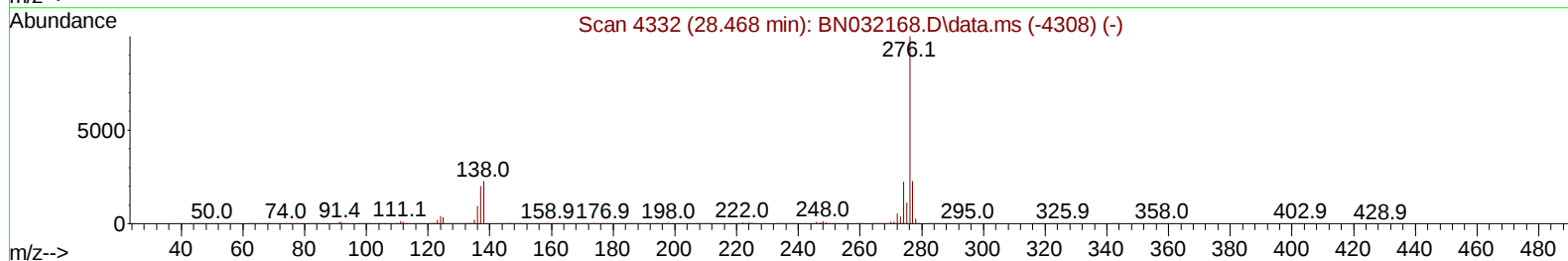
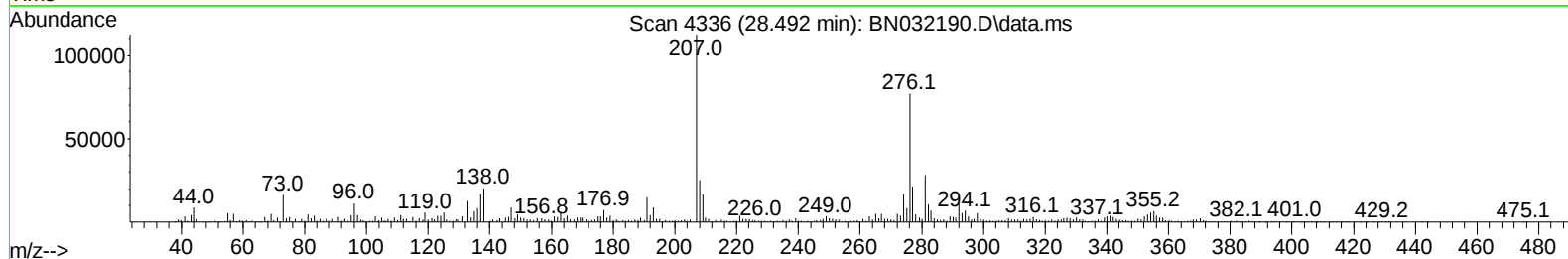
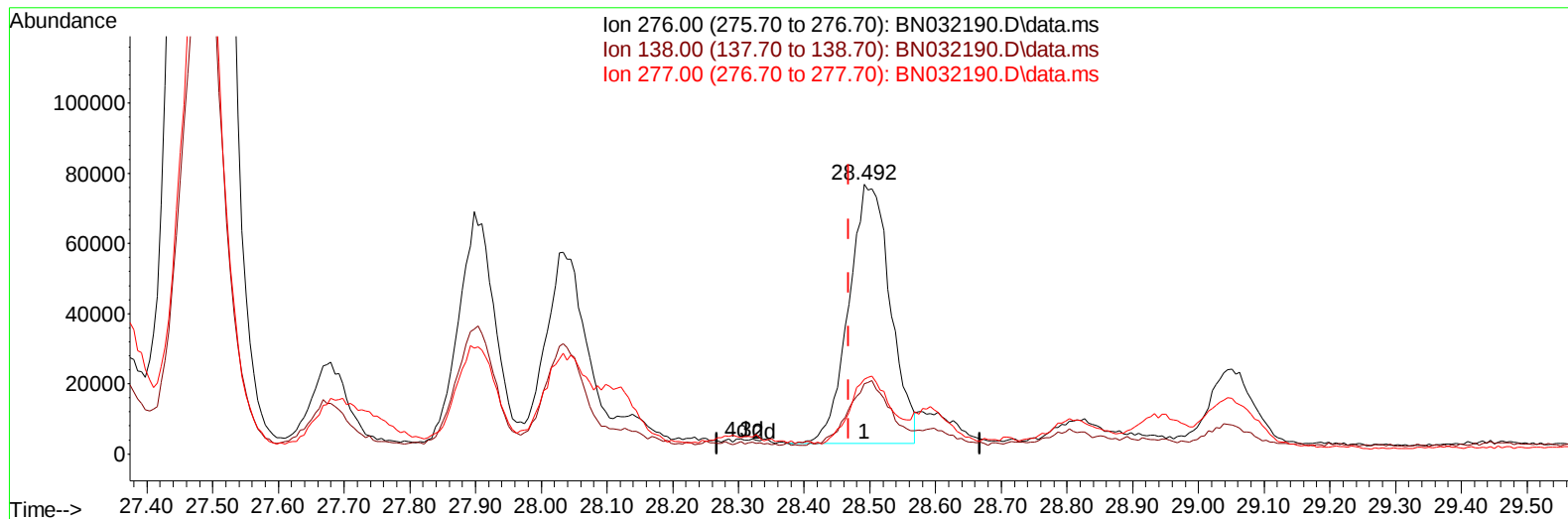
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024



TIC: BN032190.D\data.ms

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

28.492min (+ 0.024) 3.91 ng/u1

response 324866

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	26.19
277.00	22.50	27.74#
0.00	0.00	0.00

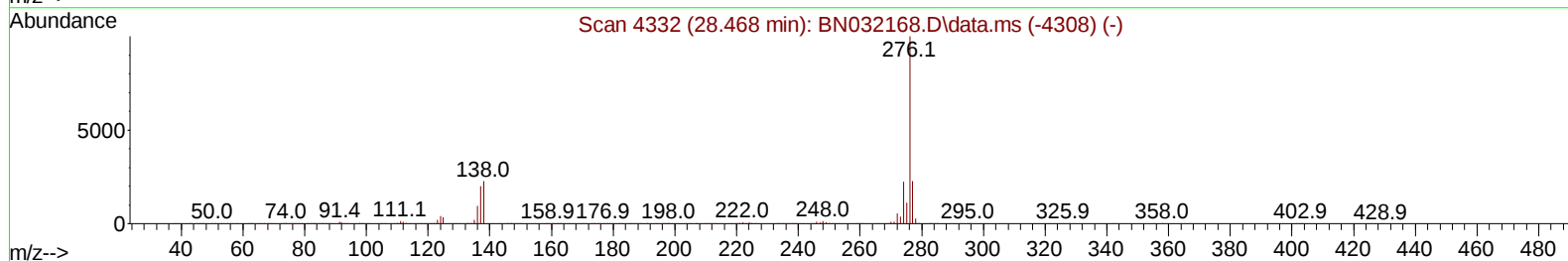
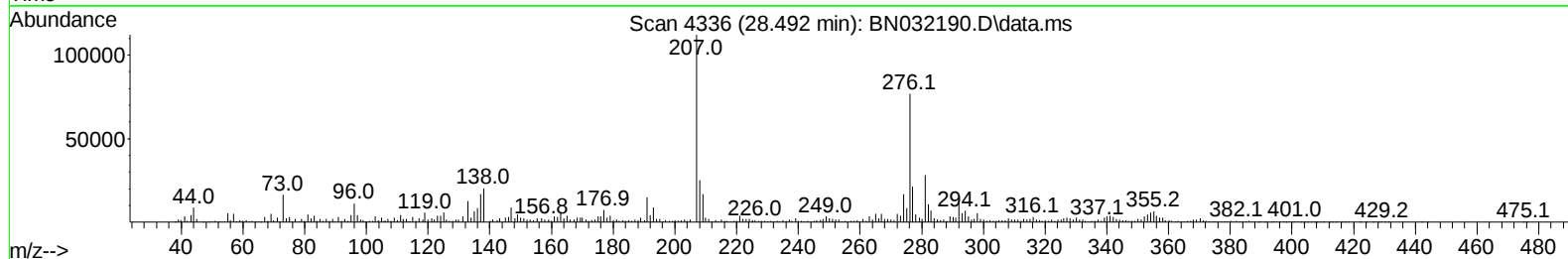
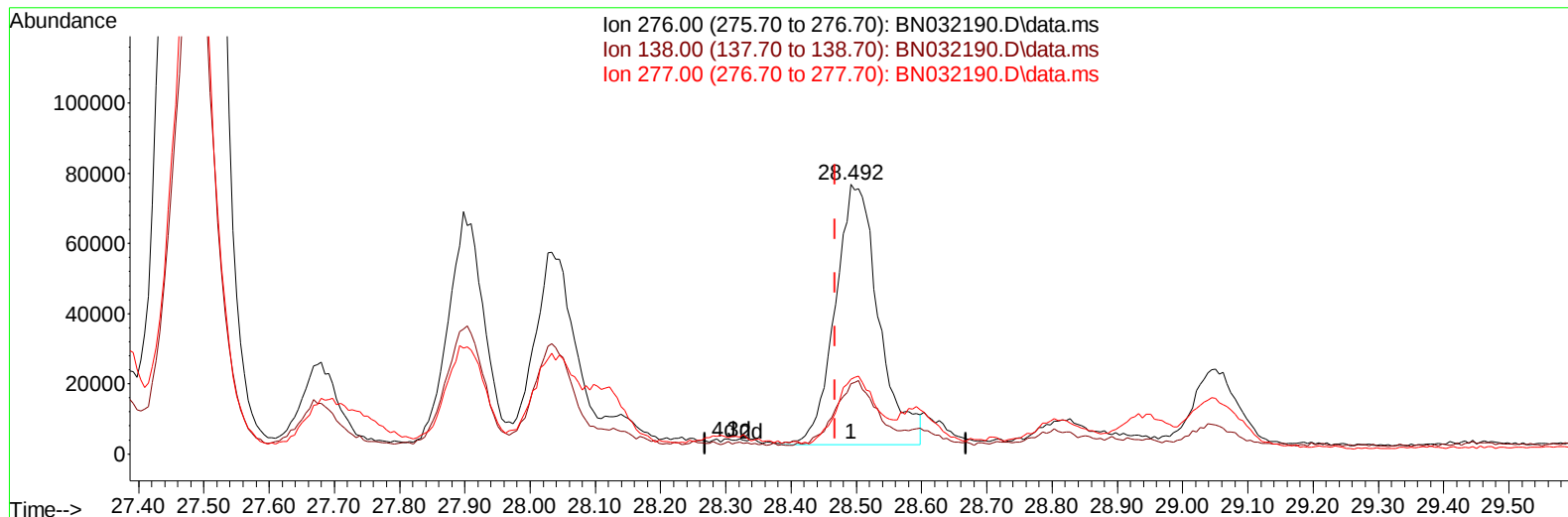
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

Manual IntegrationsAPPROVED

Quant Time: Jun 23 07:33:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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QLast Update : Thu Jun 20 10:49:40 2024
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Reviewed By :Yogesh Patel 06/24/2024
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TIC: BN032190.D\data.ms

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

28.492min (+ 0.024) 4.16 ng/ul m

response 345612

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	26.19
277.00	22.50	27.74#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2775-21
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D58

Manual IntegrationsAPPROVED

Quant Time: Jun 23 07:34:13 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	311604	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	1211956	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.275	164	717646	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.034	188	1420827	20.000	ng/ul	0.00
79) Chrysene-d12	21.274	240	1200110	20.000	ng/ul	0.00
88) Perylene-d12	24.192	264	1619995	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	24971	3.315	ng/uL	0.00
4) Pyridine-d5	3.581	84	64836	3.058	ng/ul	0.01
7) Phenol-d5	6.816	99	498766	18.671	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	259182	16.587	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	435005	21.342	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	412462	18.942	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	209356	22.592	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	230243	24.053	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	403765	22.594	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	459788	17.329	ng/ul	0.00
46) Dimethylphthalate-d6	13.693	166	1246058	24.923	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	1425848	24.803	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	204084	20.388	ng/ul	0.01
60) Fluorene-d10	15.275	176	1068975	25.270	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	39185	5.487	ng/ul	0.00
73) Anthracene-d10	17.134	188	1640115m	26.963	ng/ul	0.00
81) Pyrene-d10	19.433	212	1511914	23.543	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	1325059	17.130	ng/ul	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.457	105	82057	2.487	ng/ul	97
30) Naphthalene	10.457	128	170852	2.724	ng/ul	99
36) 2-Methylnaphthalene	12.081	142	104992	2.449	ng/ul	96
37) 1-Methylnaphthalene	12.304	142	77660	1.805	ng/ul	98
50) Acenaphthylene	13.998	152	308775	4.753	ng/ul	100
52) Acenaphthene	14.340	153	538522	12.527	ng/ul	98
56) Dibenzofuran	14.681	168	604464	10.350	ng/ul	100
61) Fluorene	15.334	166	733881	15.604	ng/ul	97
72) Phenanthrene	17.081	178	8906836	123.059	ng/ul	100
74) Anthracene	17.169	178	3178586	43.341	ng/ul	98
77) Carbazole	17.445	167	913526	14.608	ng/ul	99
80) Fluoranthene	19.110	202	10863318	141.542	ng/ul	97
82) Pyrene	19.469	202	9010216	114.423	ng/ul	95
85) Benzo(a)anthracene	21.257	228	6168294	76.788	ng/ul	99
87) Chrysene	21.322	228	5770541m	76.907	ng/ul	
90) Benzo(b)fluoranthene	23.286	252	7123357	73.565	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	2876541	30.274	ng/ul	98
93) Benzo(a)pyrene	24.063	252	3503375	38.630	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.480	276	2776480	26.568	ng/ul	99
95) Dibenzo(a,h)anthracene	27.521	278	981107m	11.499	ng/ul	
96) Benzo(g,h,i)perylene	28.492	276	345612m	4.160	ng/ul	

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Quant Title : SVOA CALIBRATION
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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_N\Data\BN062224\
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