

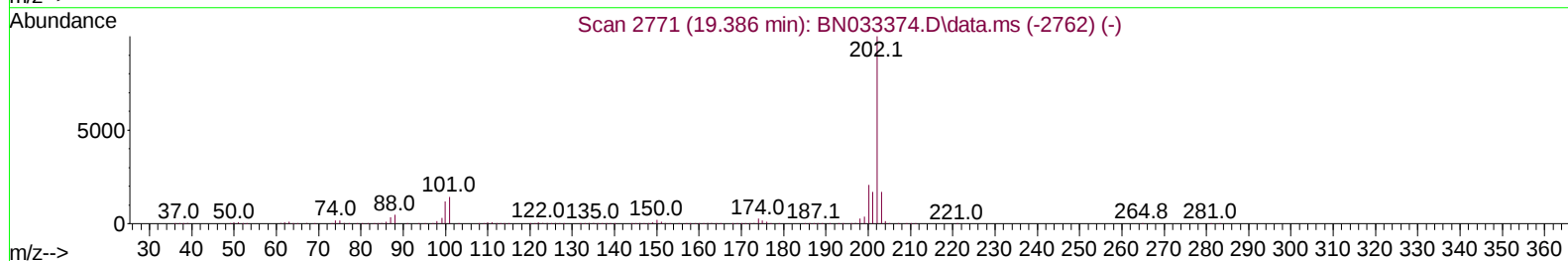
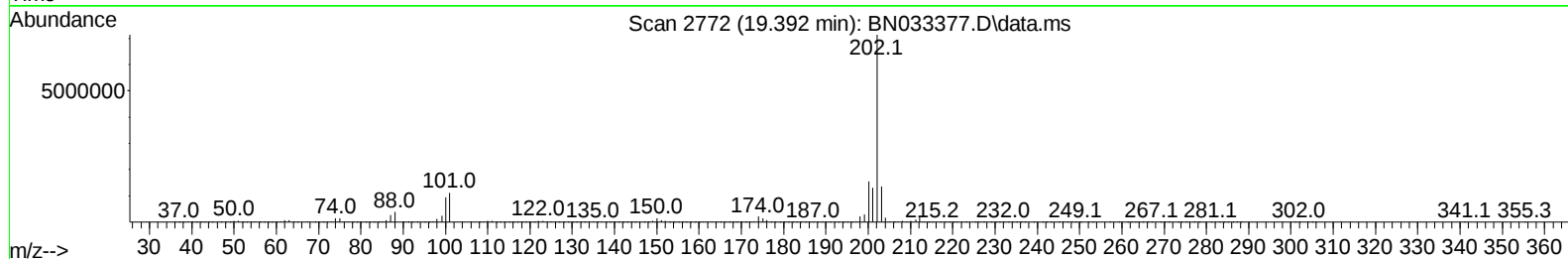
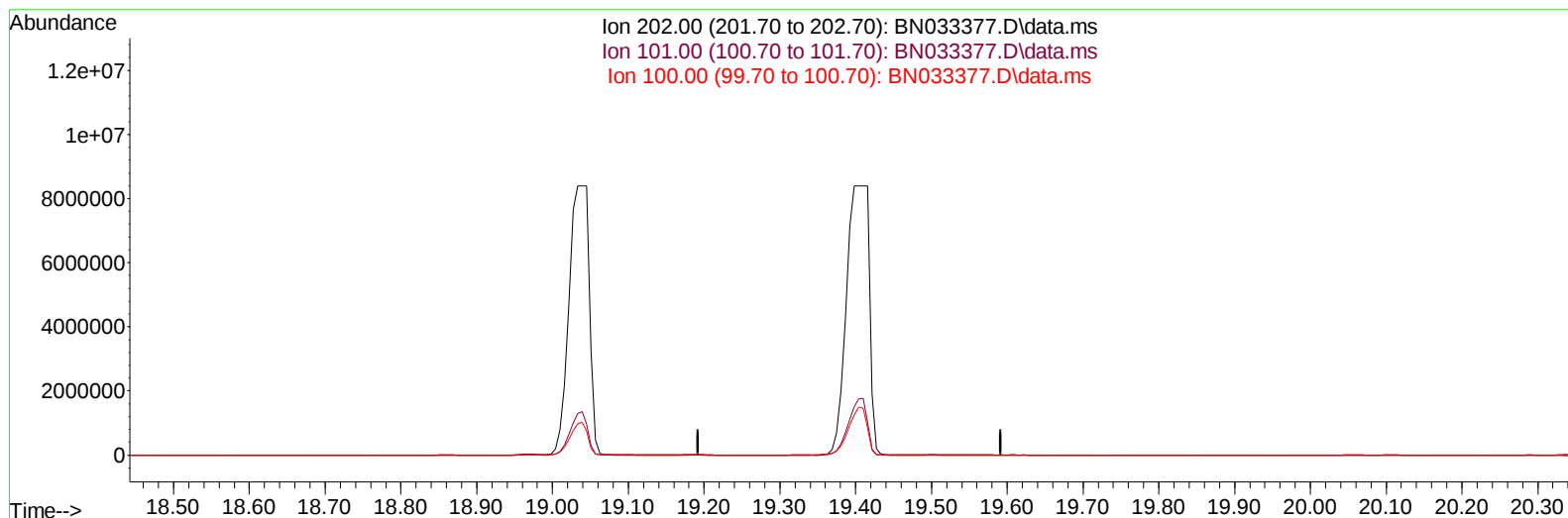
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081424\
 Data File : BN033377.D
 Acq On : 14 Aug 2024 11:07
 Operator : MA/JU
 Sample : P3502-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCXS8

Manual IntegrationsAPPROVED

Quant Time: Aug 14 11:50:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:12:11 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/15/2024



TIC: BN033377.D\data.ms

(82) Pyrene

19.392min (-19.392) 0.00 ng/u1

response 0

Ion	Exp%	Act%
202.00	100.00	0.00
101.00	14.20	0.00#
100.00	12.00	0.00#
0.00	0.00	0.00

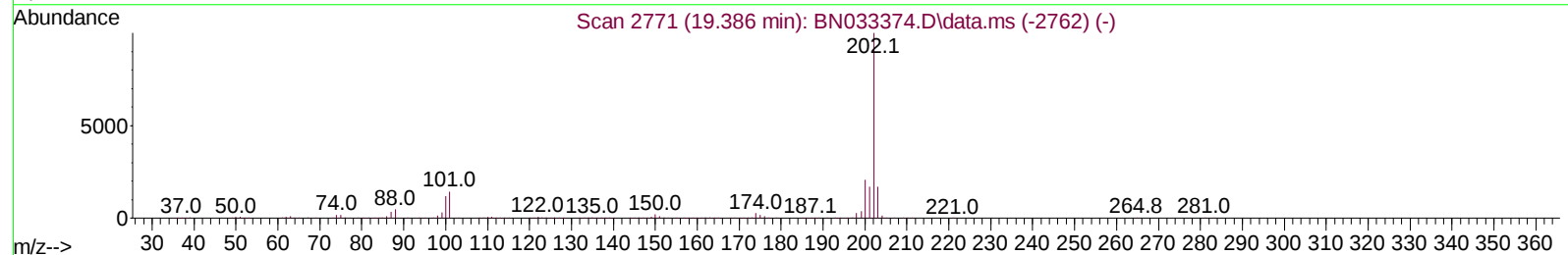
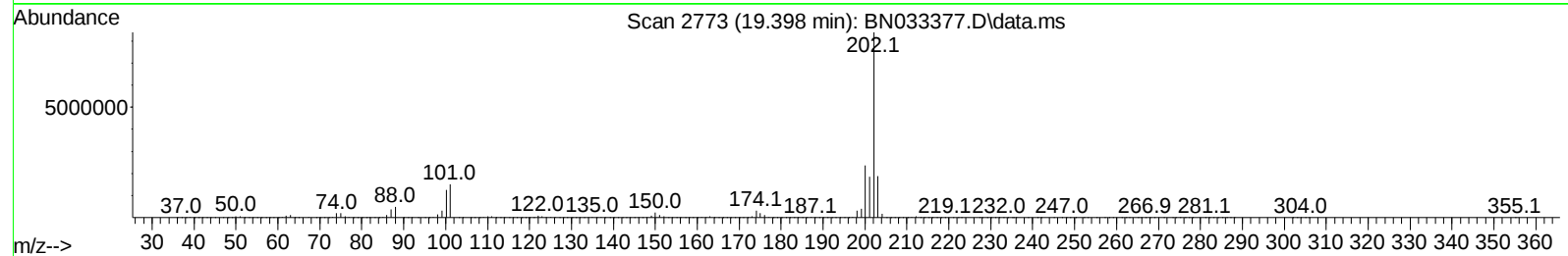
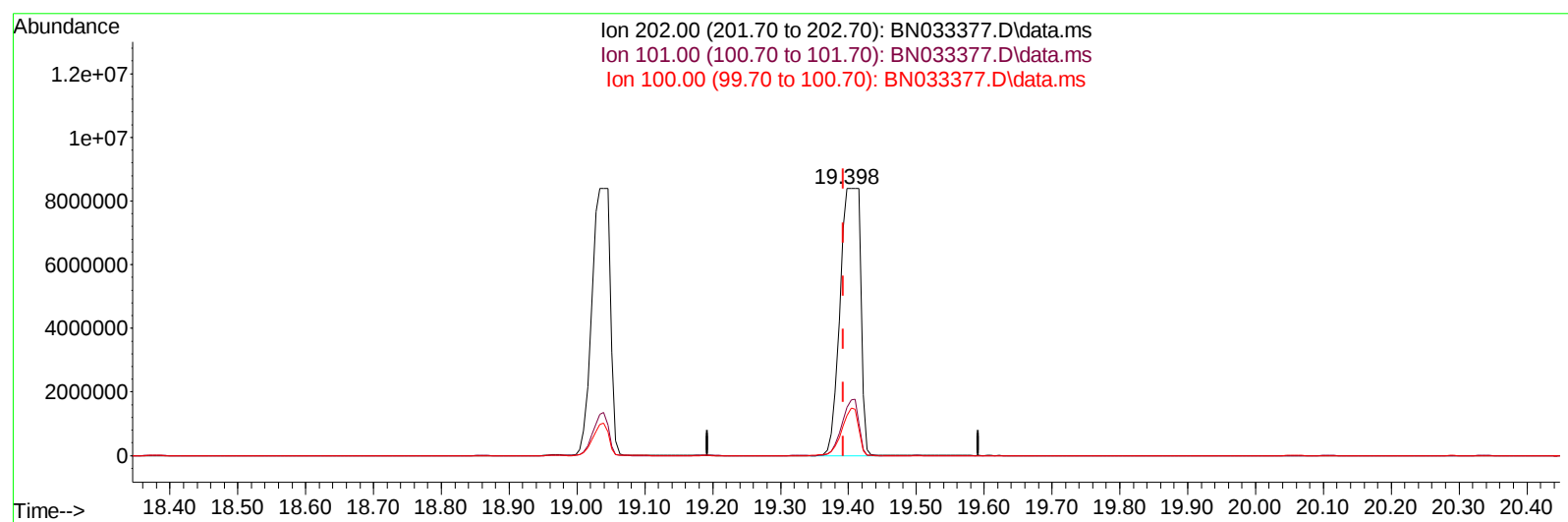
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TIC: BN033377.D\data.ms

(82) Pyrene

19.398min (+ 0.006) 113.97 ng/u1 m

response 17636900

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.20	18.06#
100.00	12.00	14.98#
0.00	0.00	0.00

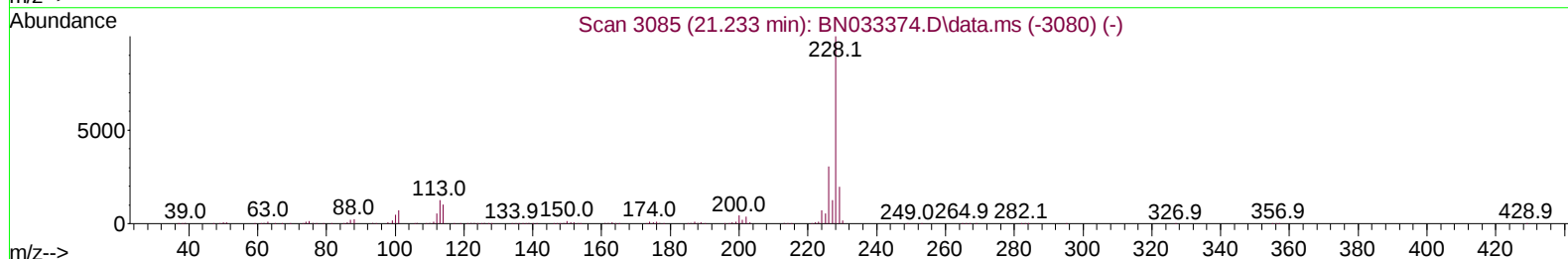
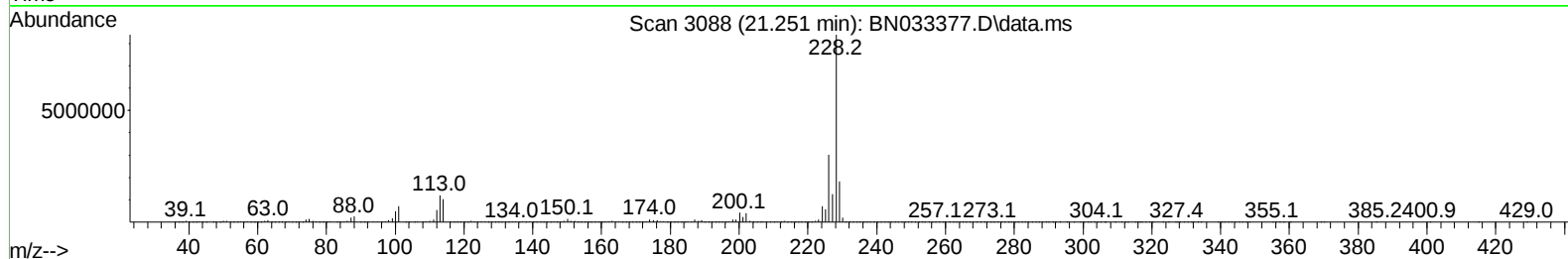
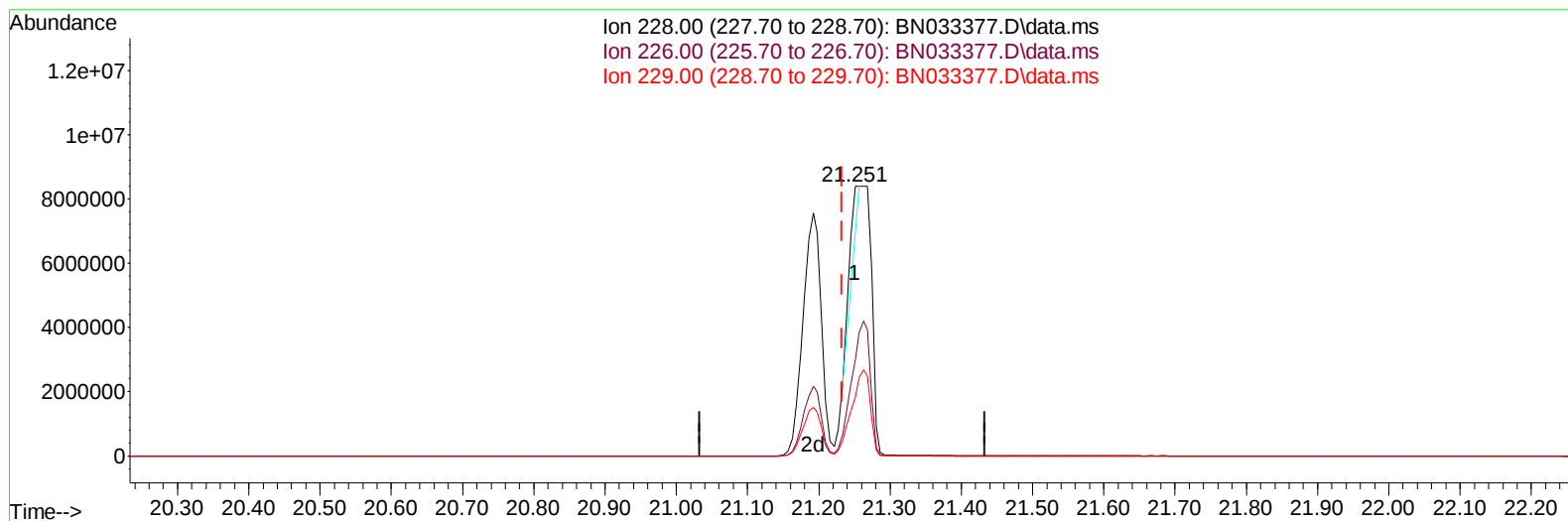
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TIC: BN033377.D\data.ms

(87) Chrysene

21.251min (+ 0.018) 20.38 ng/u1

response 3049611

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.90	35.78
229.00	19.90	21.80
0.00	0.00	0.00

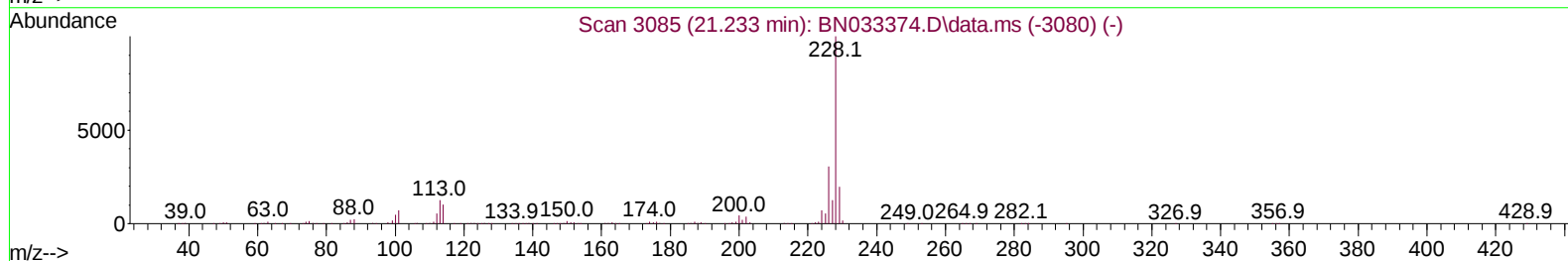
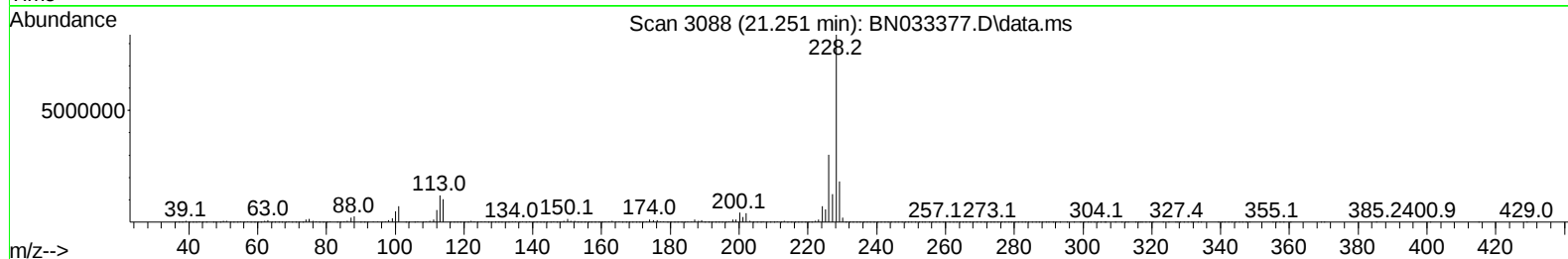
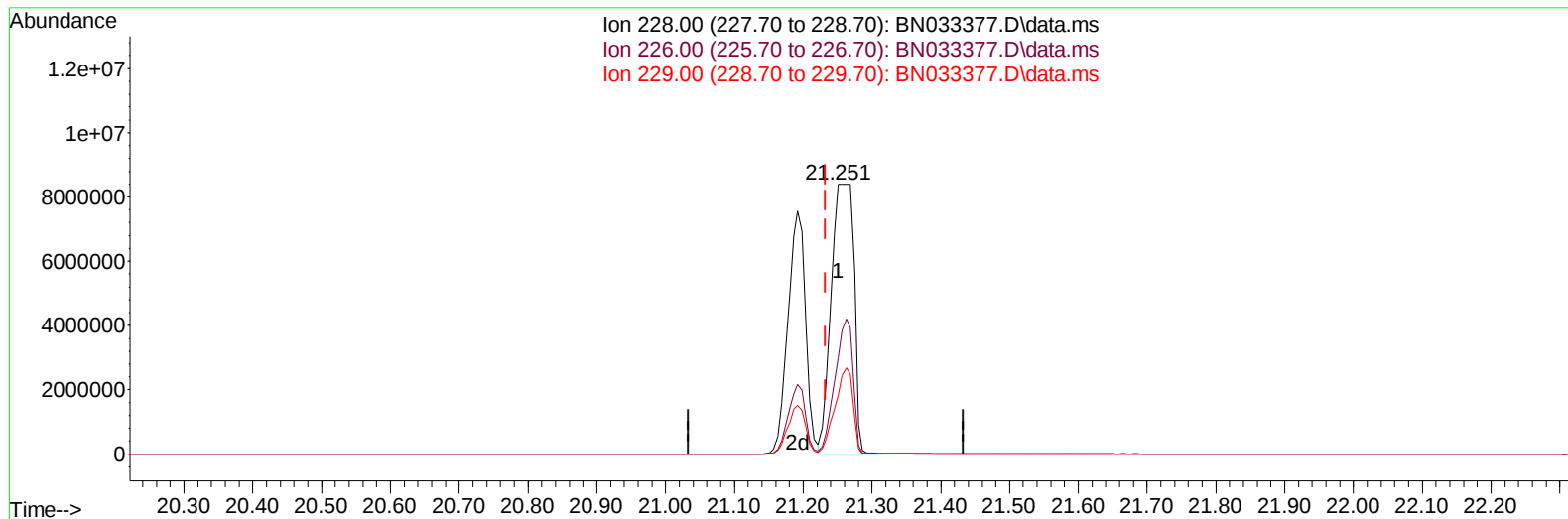
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TIC: BN033377.D\data.ms

(87) Chrysene

21.251min (+ 0.018) 128.90 ng/u1 m

response 19289853

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.90	35.78
229.00	19.90	21.80
0.00	0.00	0.00

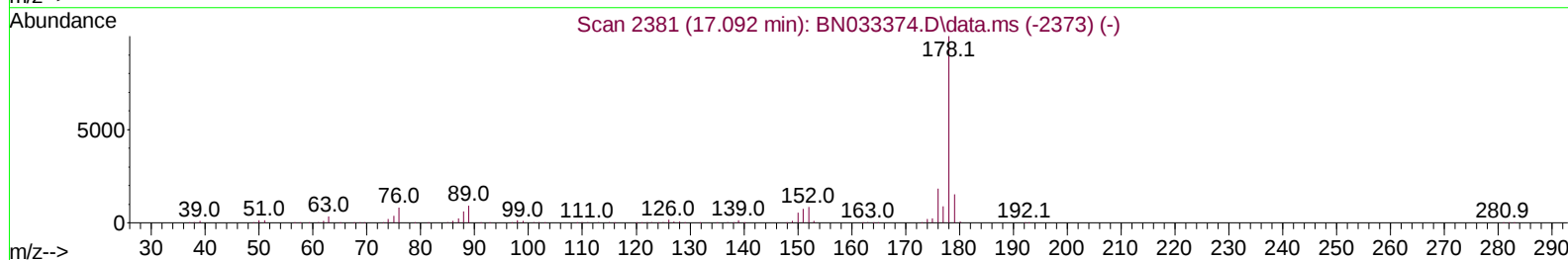
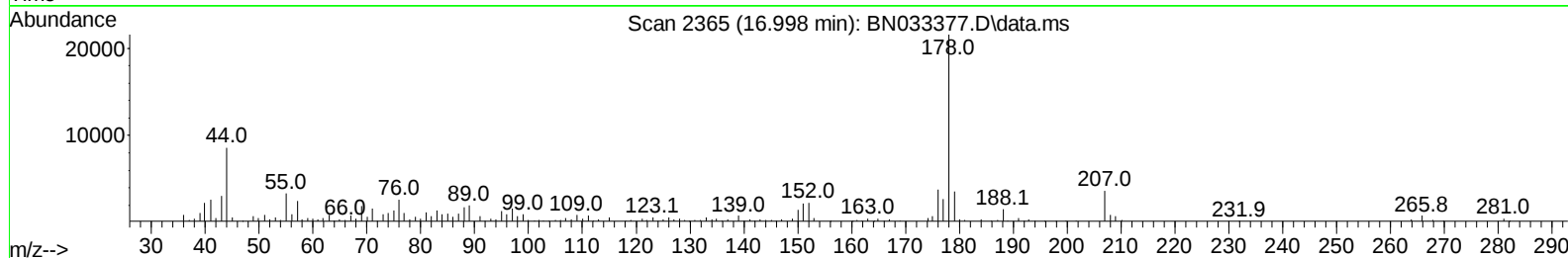
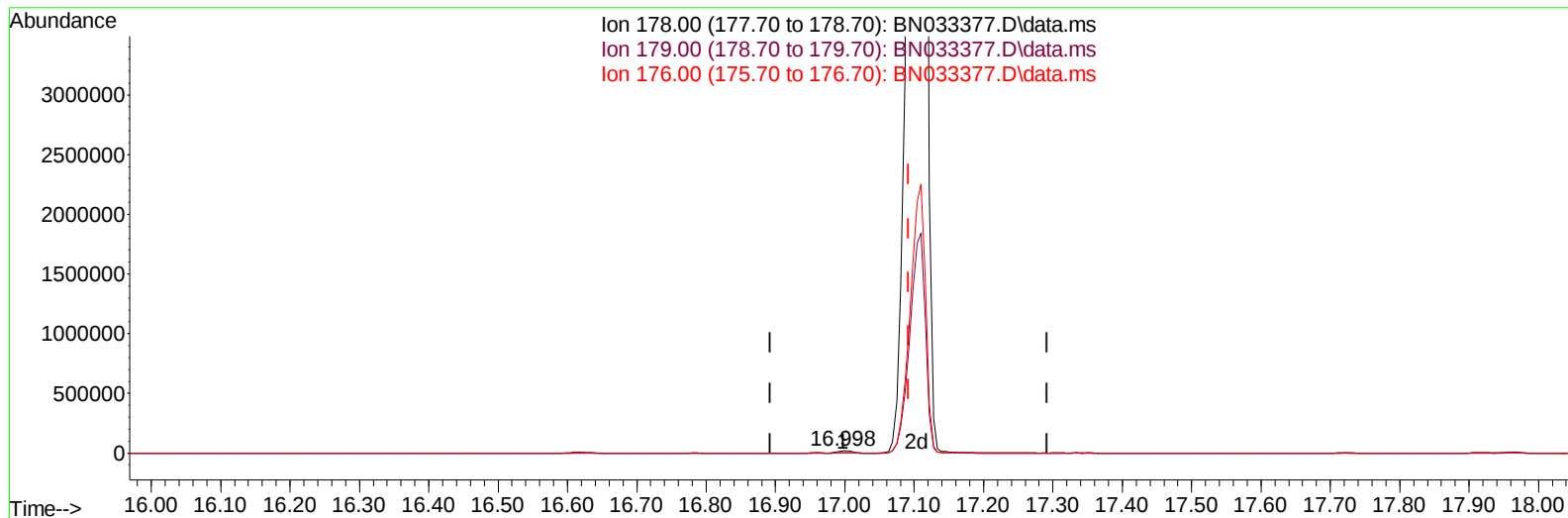
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TIC: BN033377.D\data.ms

(74) Anthracene

16.998min (-0.094) 0.22 ng/u1

response 29192

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	16.56
176.00	17.80	17.47
0.00	0.00	0.00

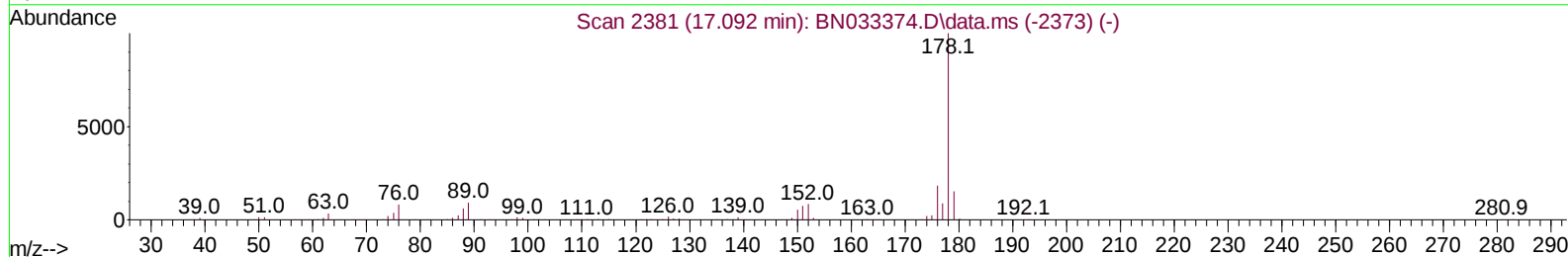
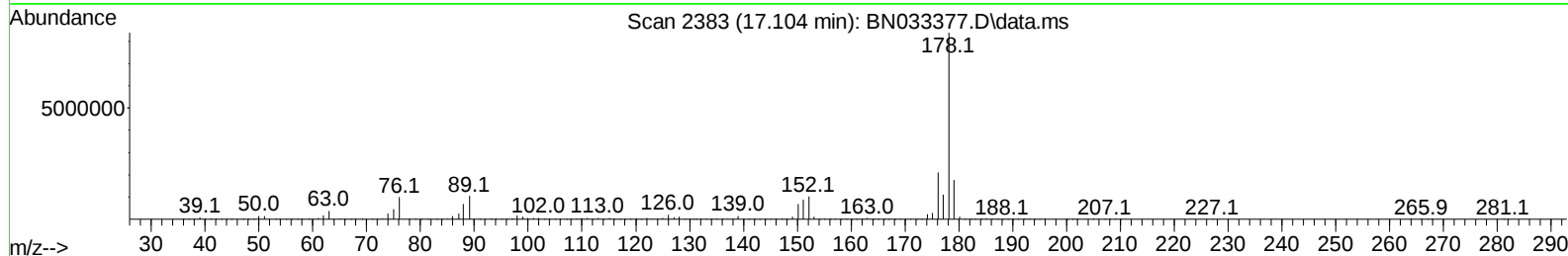
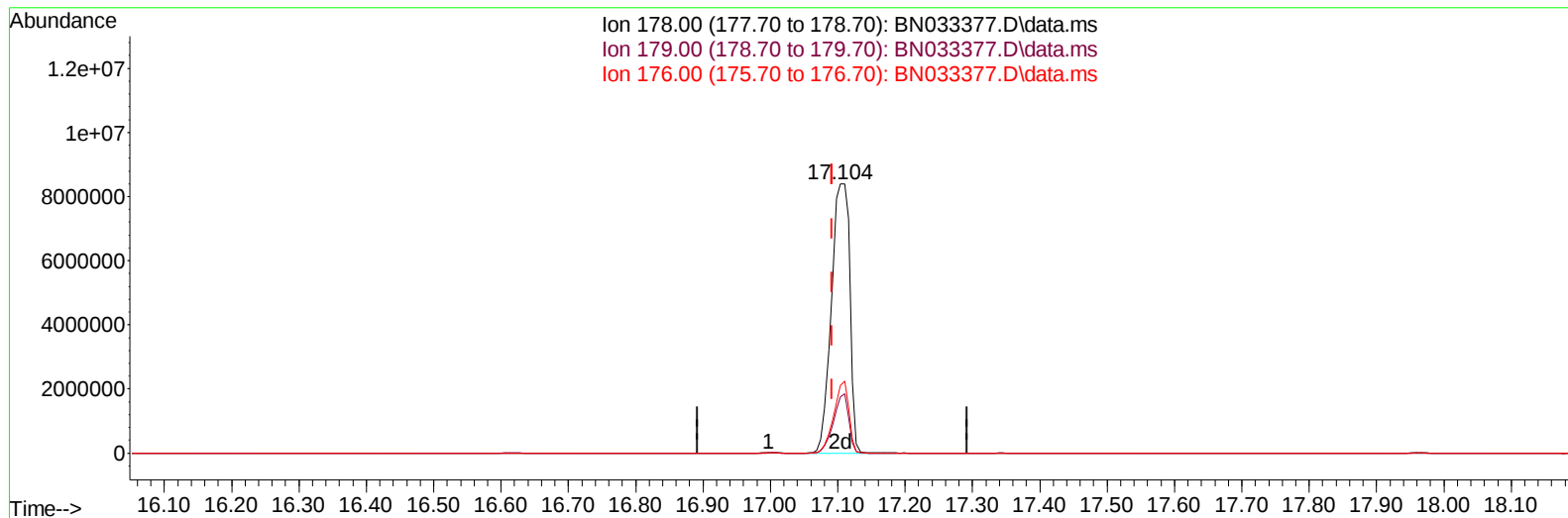
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081424\
Data File : BN033377.D
Acq On : 14 Aug 2024 11:07
Operator : MA/JU
Sample : P3502-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCXS8

Manual IntegrationsAPPROVED

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TIC: BN033377.D\data.ms

(74) Anthracene

17.104min (+ 0.012) 122.20 ng/u1 m

response 15959119

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	20.93#
176.00	17.80	25.12#
0.00	0.00	0.00

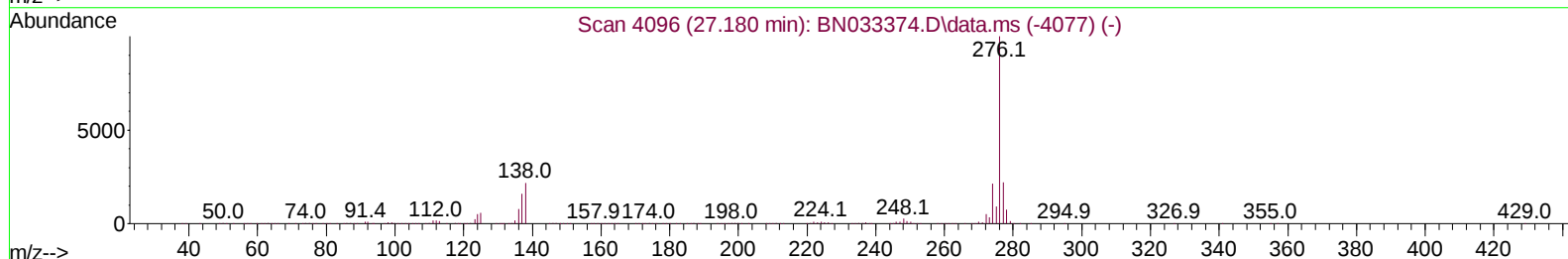
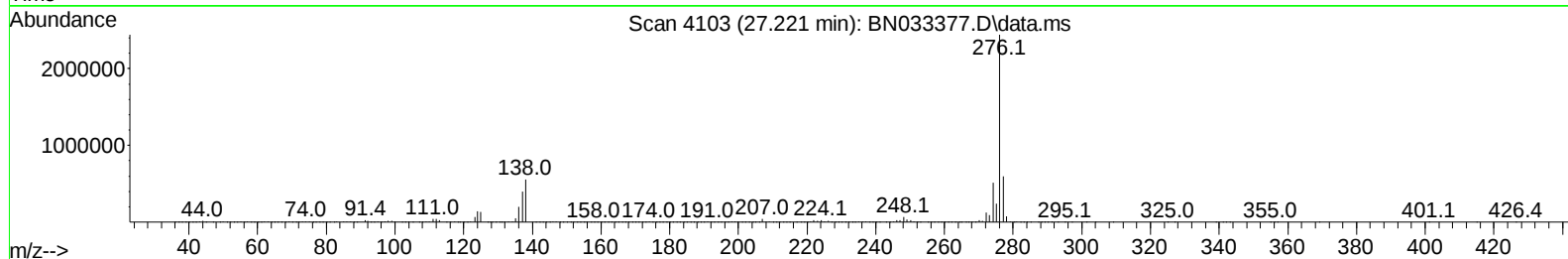
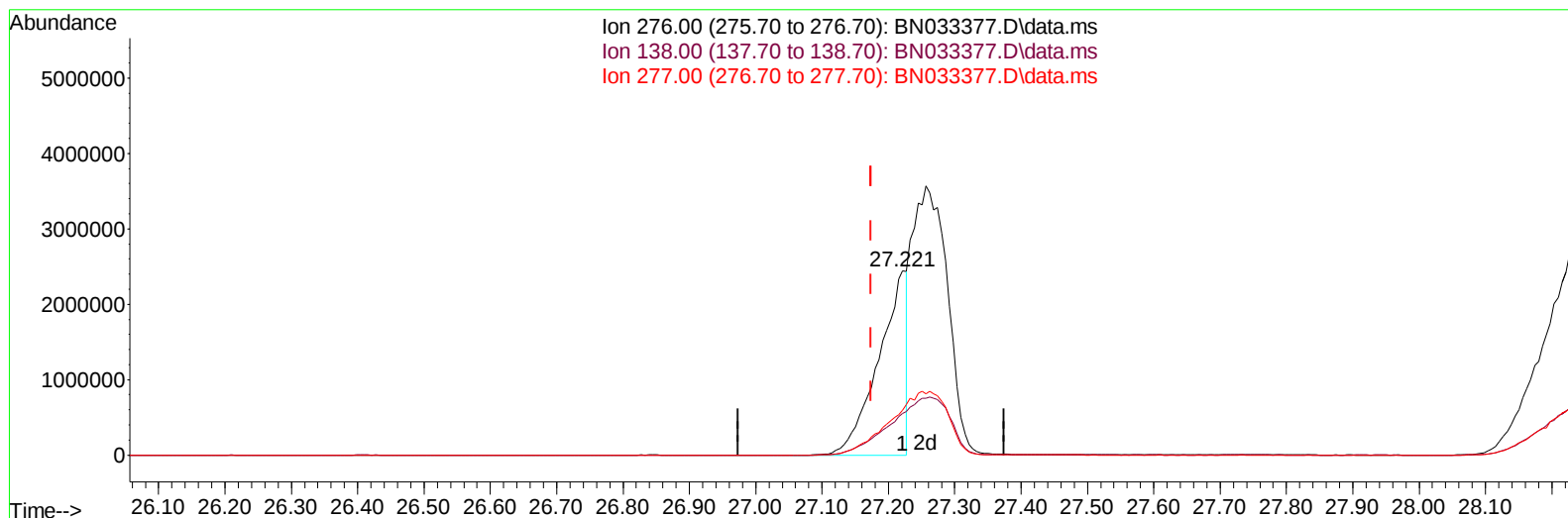
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
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TIC: BN033377.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.221min (+ 0.047) 37.10 ng/u1

response 7289927

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.10	22.62
277.00	21.70	24.40
0.00	0.00	0.00

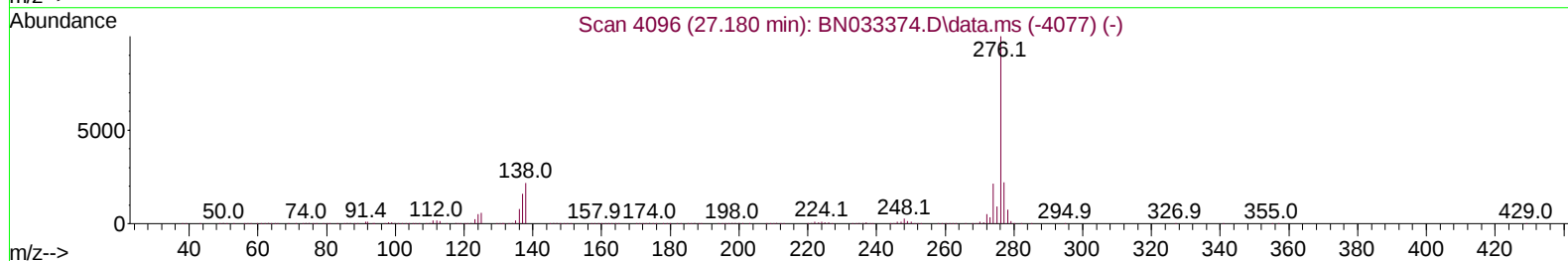
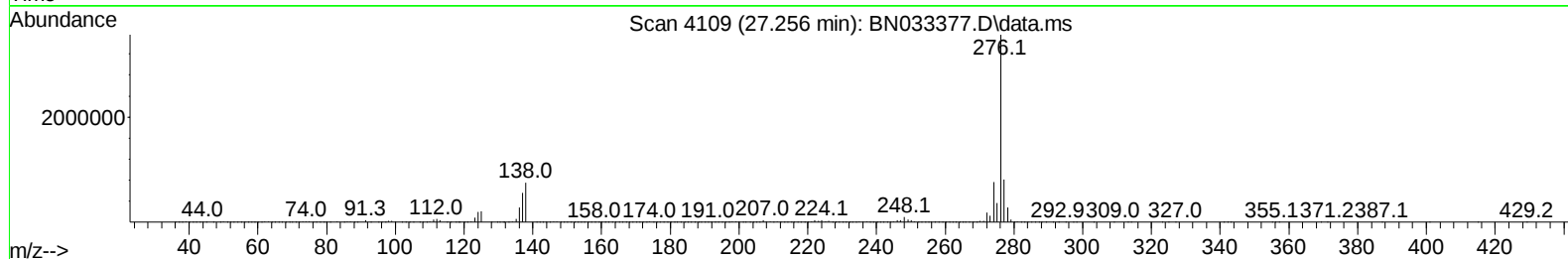
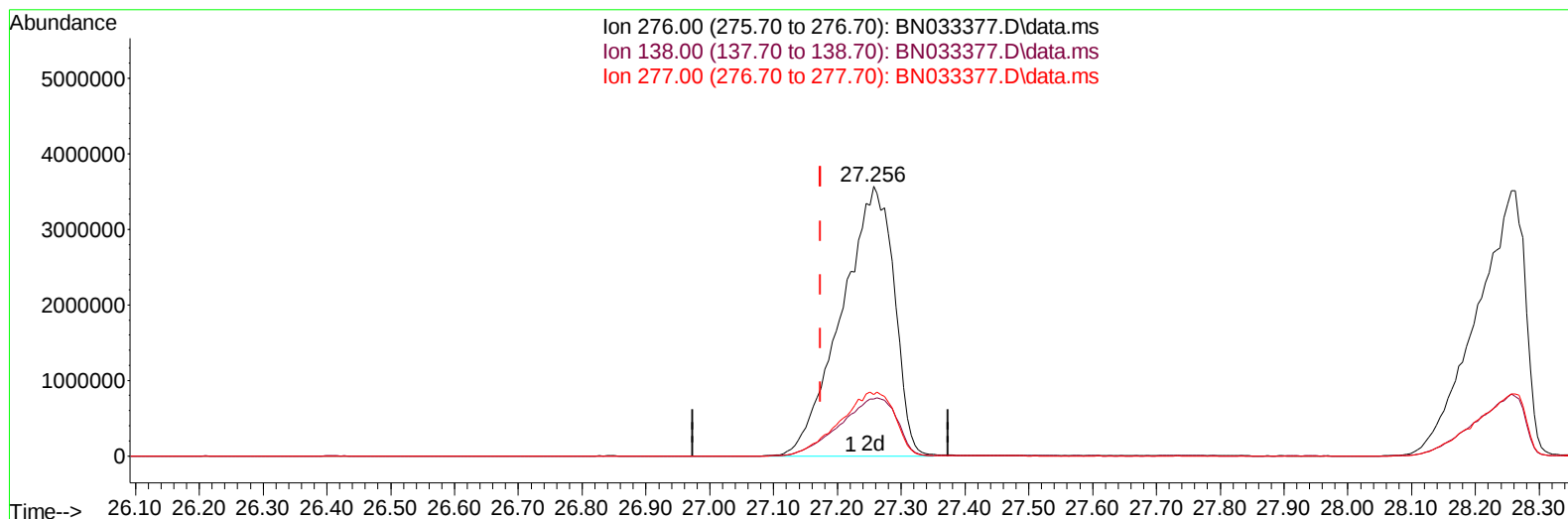
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Operator : MA/JU
Sample : P3502-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCXS8

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 08/15/2024



TIC: BN033377.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.256min (+ 0.082) 103.73 ng/u1 m

response 20385429

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.10	21.17
277.00	21.70	22.87
0.00	0.00	0.00

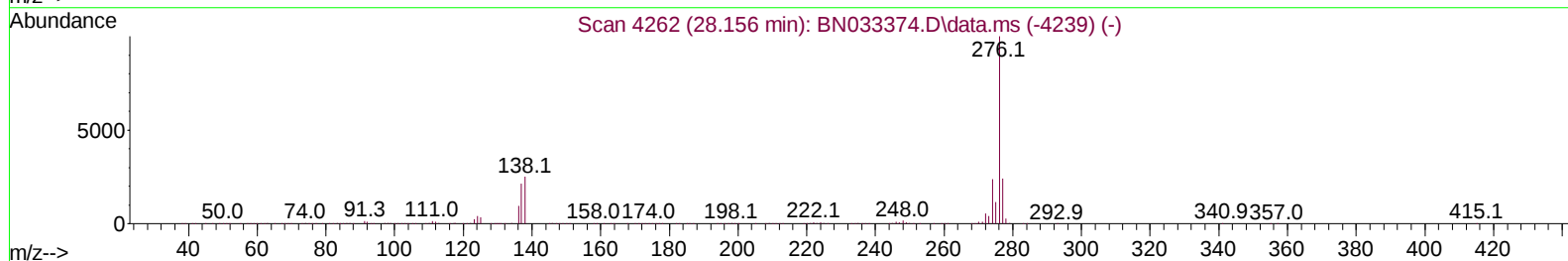
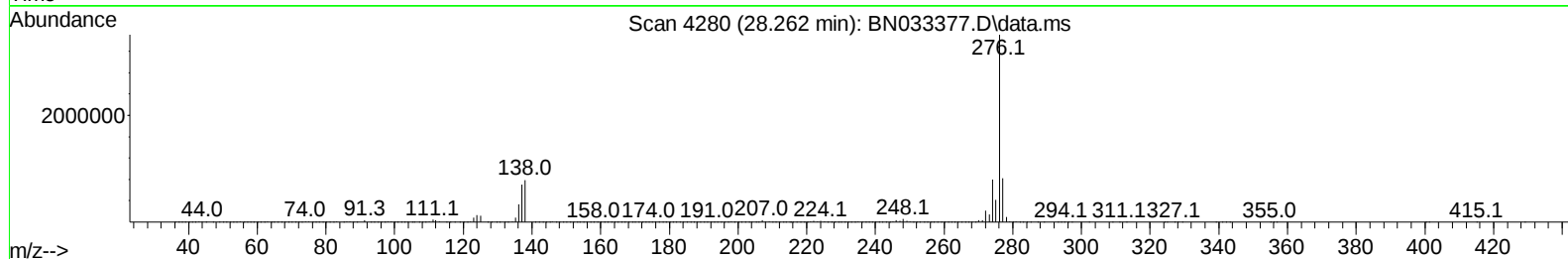
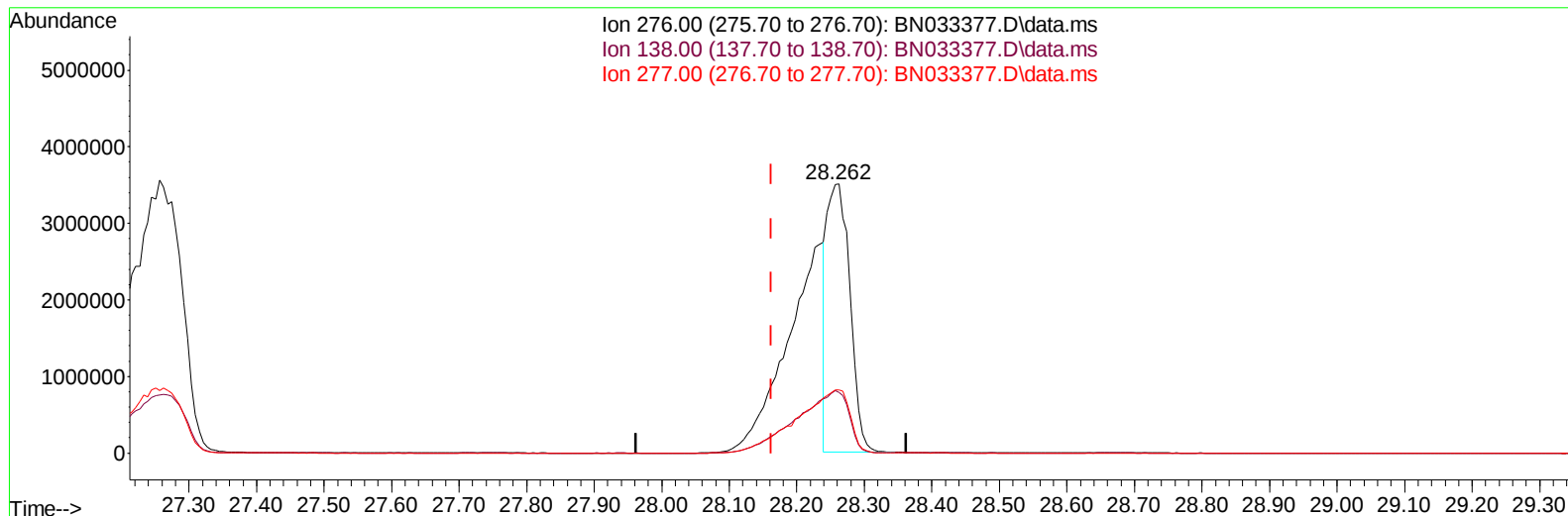
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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TIC: BN033377.D\data.ms

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

28.262min (+ 0.100) 54.67 ng/u1

response 8255876

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.60	22.42
277.00	22.80	23.49
0.00	0.00	0.00

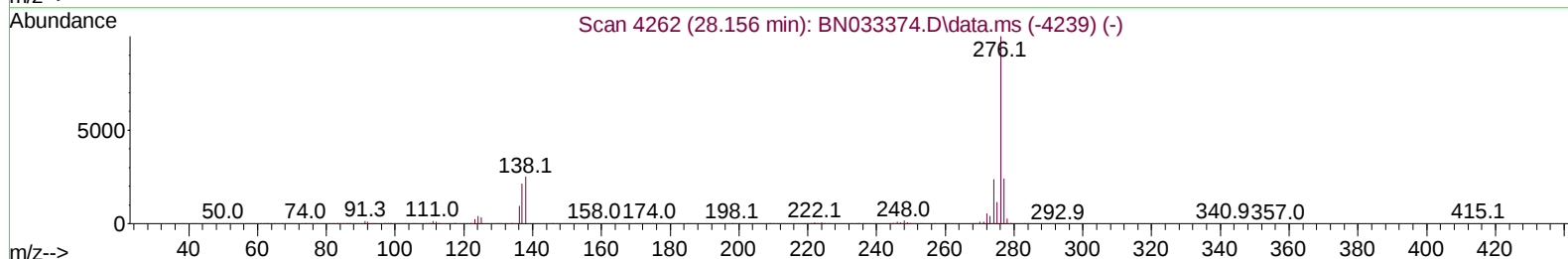
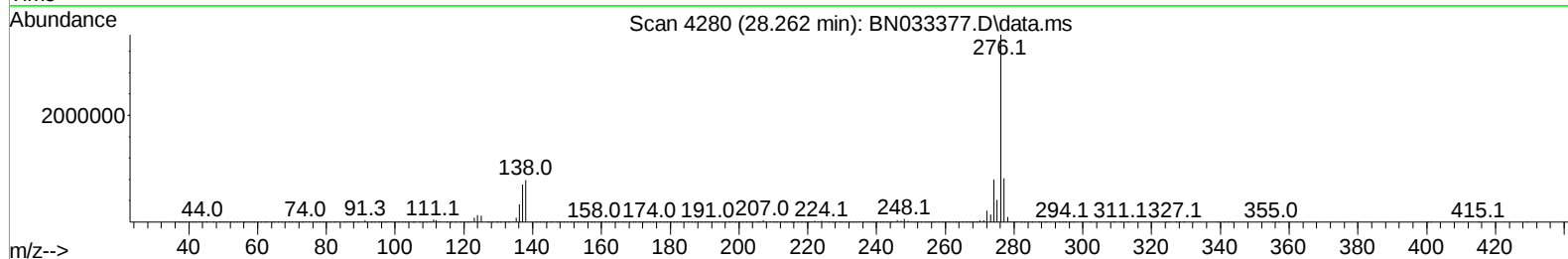
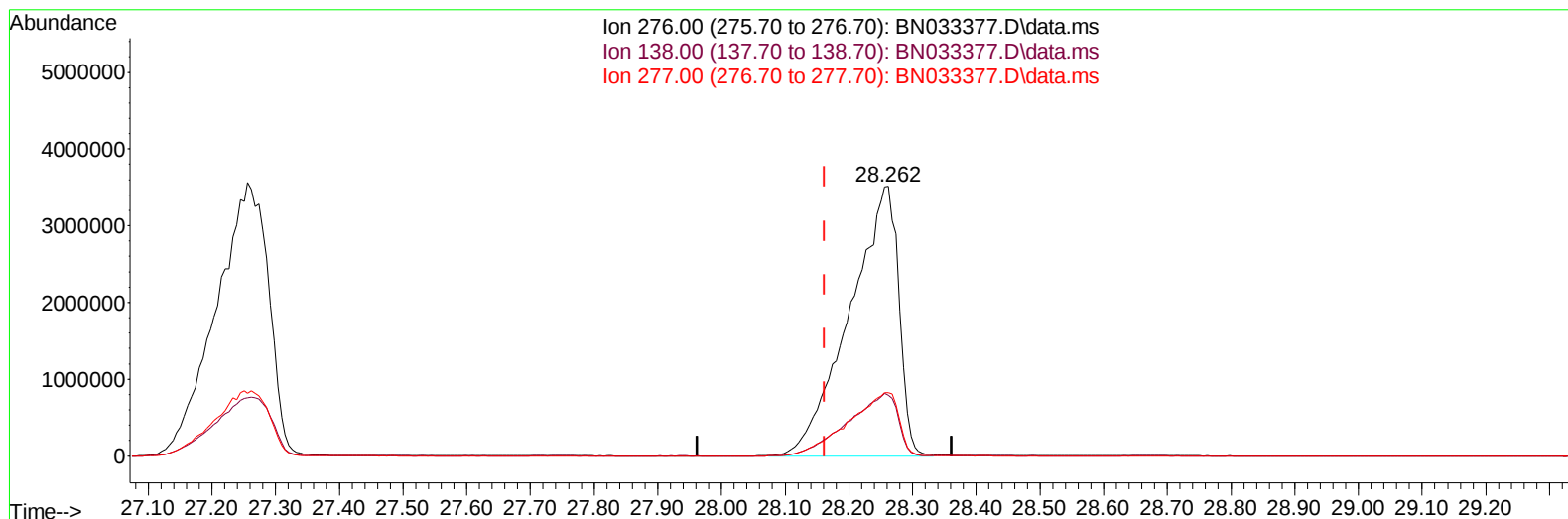
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TIC: BN033377.D\data.ms

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

28.262min (+ 0.100) 123.88 ng/u1 m

response 18708409

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.60	22.42
277.00	22.80	23.49
0.00	0.00	0.00

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 DCXS8

Manual IntegrationsAPPROVED

Quant Time: Aug 14 11:53:46 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.569	152		316348	20.000	ng/ul	0.00
20) Naphthalene-d8	10.340	136		1481313	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.210	164		1013660	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.963	188		2292530	20.000	ng/ul	0.00
79) Chrysene-d12	21.210	240		2211285	20.000	ng/ul	0.02
88) Perylene-d12	24.033	264		2687709	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.158	96		29426	3.795	ng/uL	0.00
4) Pyridine-d5	3.552	84		8299	0.353	ng/ul	0.01
7) Phenol-d5	6.752	99		712416	24.553	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67		456564	24.540	ng/ul	0.00
11) 2-Chlorophenol-d4	7.110	132		563300	25.752	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113		616760	25.705	ng/ul	0.00
21) Nitrobenzene-d5	8.710	128		296404	26.291	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143		283566	28.565	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165		701026	31.719	ng/ul	0.00
31) 4-Chloroaniline-d4	10.469	131		258470	7.015	ng/ul	0.00
46) Dimethylphthalate-d6	13.640	166		2276233	29.507	ng/ul	0.00
49) Acenaphthylene-d8	13.904	160		2461572	28.501	ng/ul	0.00
54) 4-Nitrophenol-d4	14.440	143		424944	28.508	ng/ul	0.03
60) Fluorene-d10	15.210	176		1982928	29.972	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200		269667	24.976	ng/ul	0.00
73) Anthracene-d10	17.063	188		3257369	29.969	ng/ul	0.00
81) Pyrene-d10	19.363	212		4006631	32.812	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264		4338786	31.047	ng/ul	0.01
Target Compounds							
						Qvalue	
8) Phenol	6.775	94		2322207	76.162	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.010	93		3726218	153.474	ng/ul	99
12) 2-Chlorophenol	7.140	128		697189	30.551	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.381	70		1789995	89.893	ng/ul	98
22) Nitrobenzene	8.752	77		977198	34.471	ng/ul	99
25) 2-Nitrophenol	9.463	139		1179739	101.835	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.781	93		4697378	131.851	ng/ul	97
29) 2,4-Dichlorophenol	9.993	162		2830861	123.846	ng/ul	99
30) Naphthalene	10.393	128		12348459	149.513	ng/ul	99
35) 4-Chloro-3-methylphenol	11.634	107		4029939	153.255	ng/ul	99
41) 2,4,6-Trichlorophenol	12.634	196		2464842	138.412	ng/ul	98
42) 2,4,5-Trichlorophenol	12.698	196		2752168	137.232	ng/ul	98
48) 2,6-Dinitrotoluene	13.798	165		1843196	130.964	ng/ul	99
50) Acenaphthylene	13.940	152		13380664	141.866	ng/ul	99
52) Acenaphthene	14.281	153		7153709	107.337	ng/ul	99
55) 4-Nitrophenol	14.463	109		2049001	175.514	ng/ul	90
56) Dibenzofuran	14.616	168		7941822	85.345	ng/ul	95
59) Diethylphthalate	15.075	149		11784967	145.873	ng/ul	99
61) Fluorene	15.269	166		5701165	74.440	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.281	204		5488873	149.368	ng/ul	99
71) Pentachlorophenol	16.622	266		2573664	152.702	ng/ul	95
74) Anthracene	17.104	178		15959119m	122.203	ng/ul	
78) Di-n-butylphthalate	17.963	149		10196827	67.811	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/15/2024

Quant Time: Aug 14 11:53:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:12:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Fluoranthene	19.033	202	15677175	109.802	ng/ul#	93
82) Pyrene	19.398	202	17636900m	113.972	ng/ul	
83) Butylbenzylphthalate	20.339	149	11737045	189.284	ng/ul#	96
85) Benzo(a)anthracene	21.192	228	13530102	85.031	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.157	149	13473449	133.931	ng/ul#	86
87) Chrysene	21.251	228	19289853m	128.902	ng/ul	
91) Benzo(k)fluoranthene	23.221	252	13126994	79.133	ng/ul	98
93) Benzo(a)pyrene	23.910	252	6463074	40.815	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.256	276	20385429m	103.734	ng/ul	
95) Dibenzo(a,h)anthracene	27.292	278	4946338	30.736	ng/ul	99
96) Benzo(g,h,i)perylene	28.262	276	18708409m	123.880	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081424\
 Data File : BN033377.D
 Acq On : 14 Aug 2024 11:07
 Operator : MA/JU
 Sample : P3502-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCXS8

Manual IntegrationsAPPROVED

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