

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031120.D
 Acq On : 22 Apr 2024 13:34
 Operator : MA/JU
 Sample : P2170-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

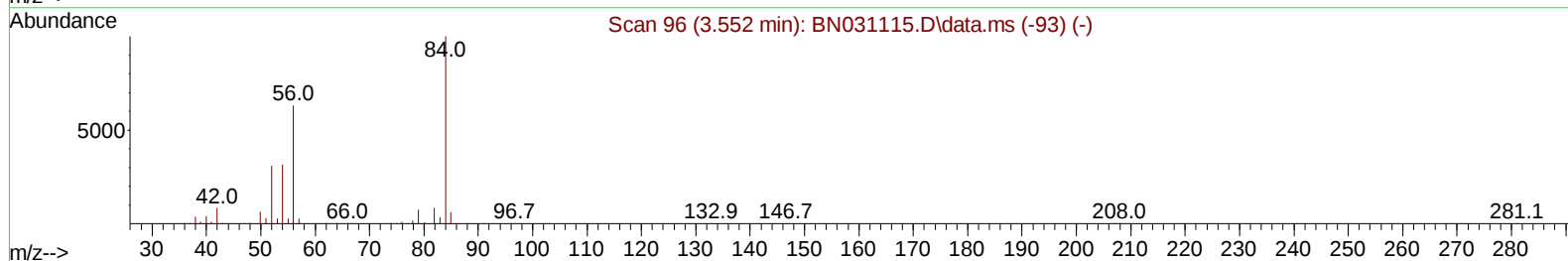
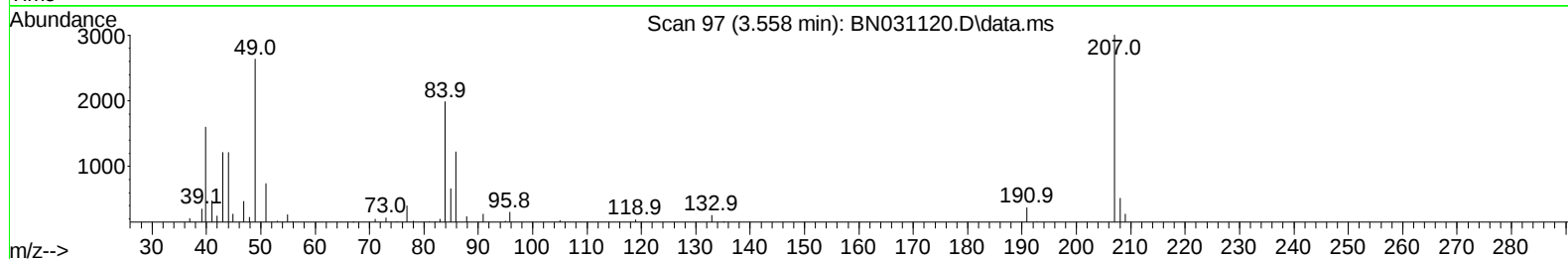
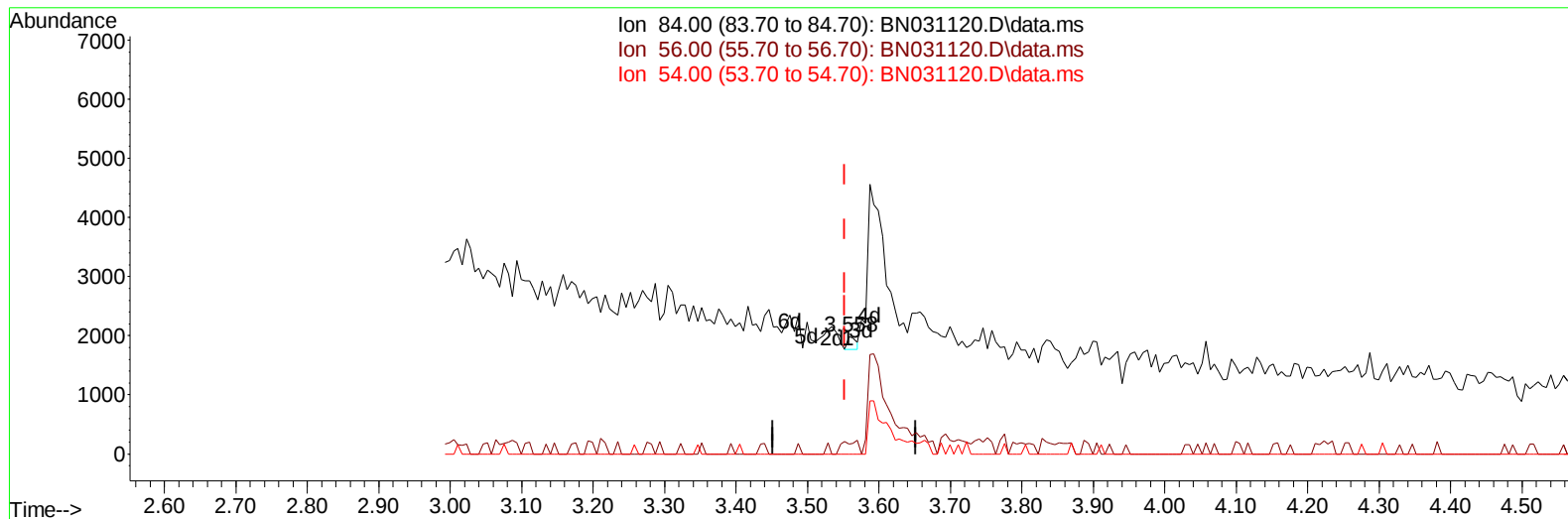
EZZZ9MS

Manual IntegrationsAPPROVED

Quant Time: Apr 22 23:26:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



TIC: BN031120.D\data.ms

(4) Pyridine-d5 (S)

3.558min (+ 0.006) 0.03 ng/u1

response	191	
Ion	Exp%	Act%
84.00	100.00	100.00
56.00	59.00	8.15#
54.00	30.10	0.00#
0.00	0.00	0.00

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BNA_N

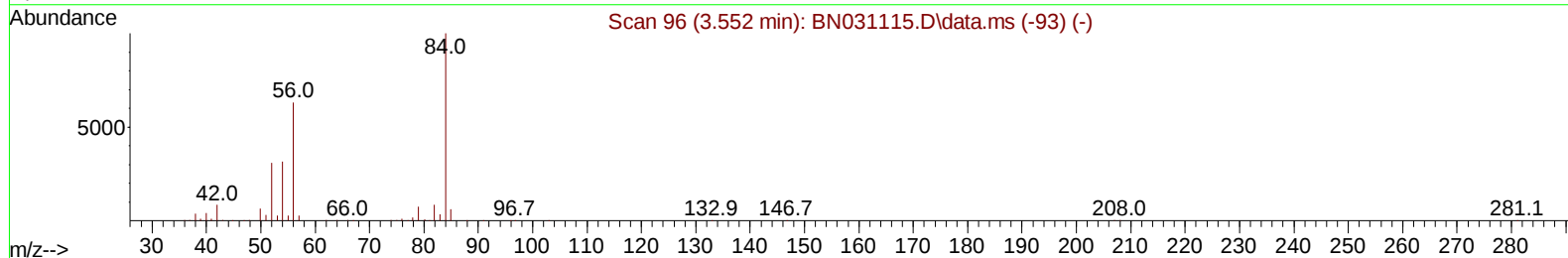
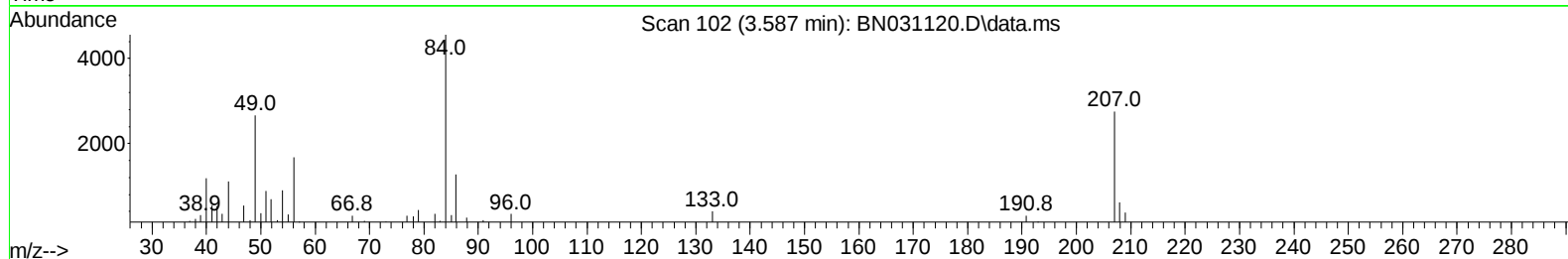
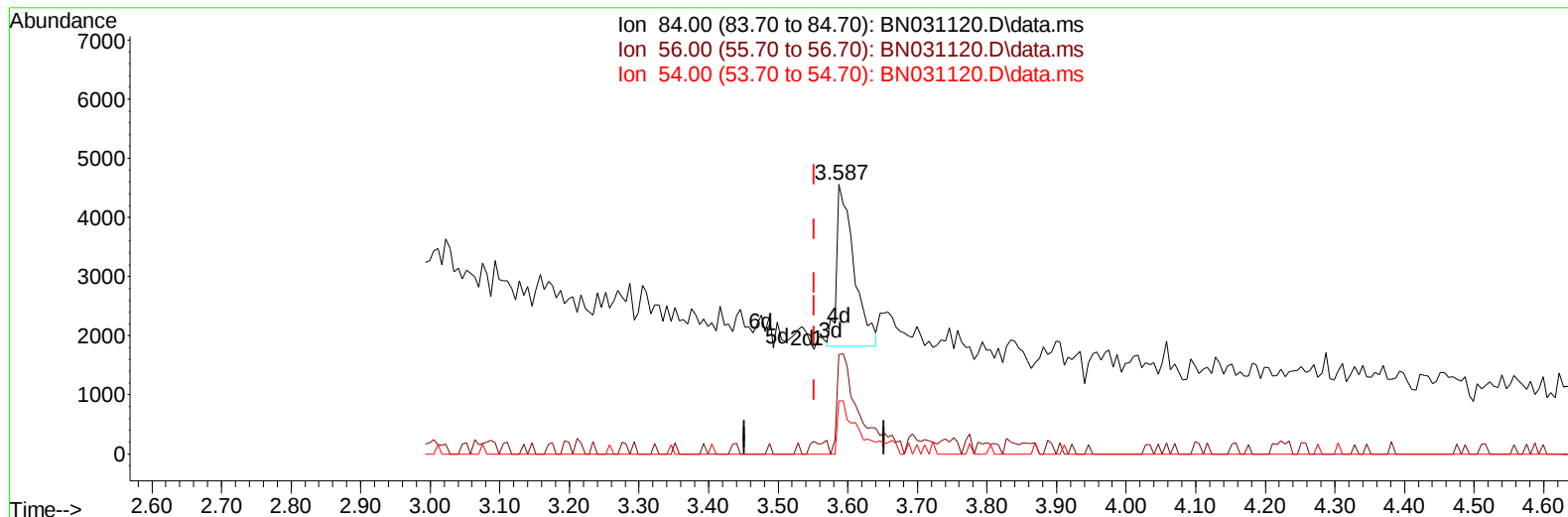
ClientSampleId :

EZZZ9MS

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(4) Pyridine-d5 (S)

3.587min (+ 0.035) 0.67 ng/u1 m

response 4805

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	59.00	36.87#
54.00	30.10	19.82#
0.00	0.00	0.00

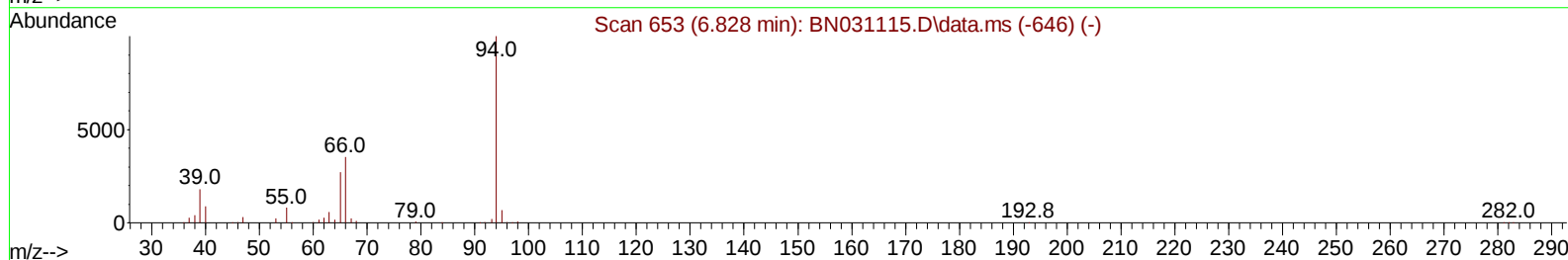
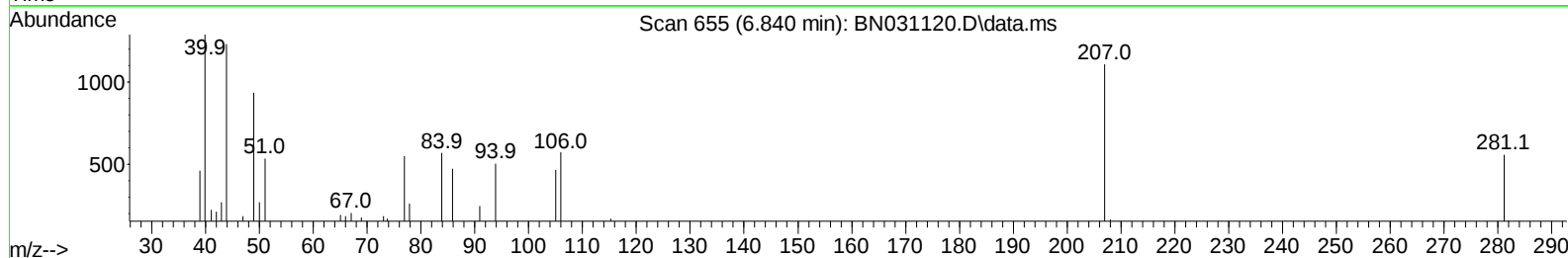
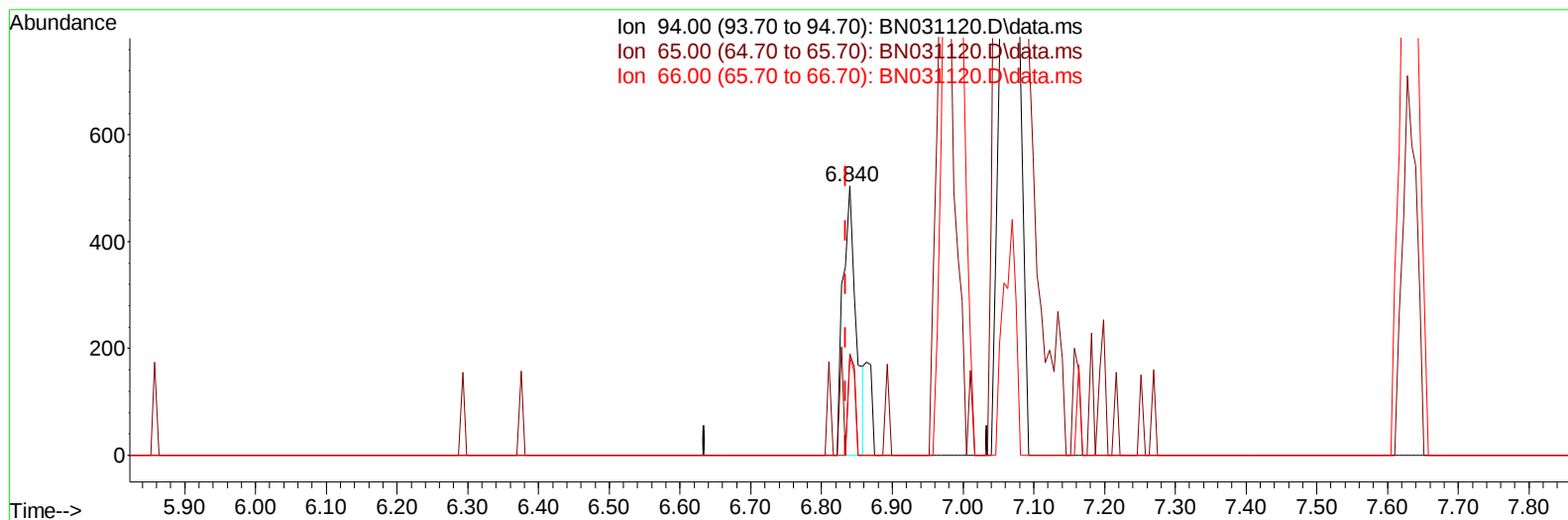
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN031120.D\data.ms

(8) Phenol

6.840min (+ 0.006) 0.06 ng/u1

response 640

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	27.50	37.70#
66.00	37.20	36.51
0.00	0.00	0.00

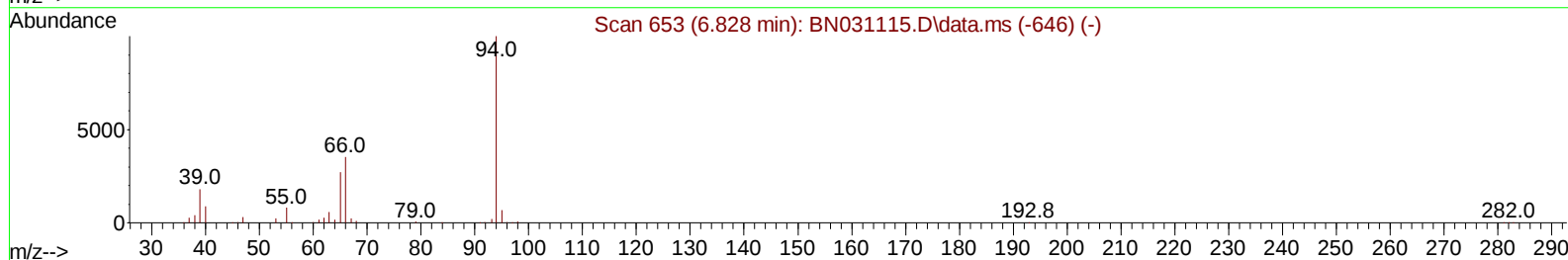
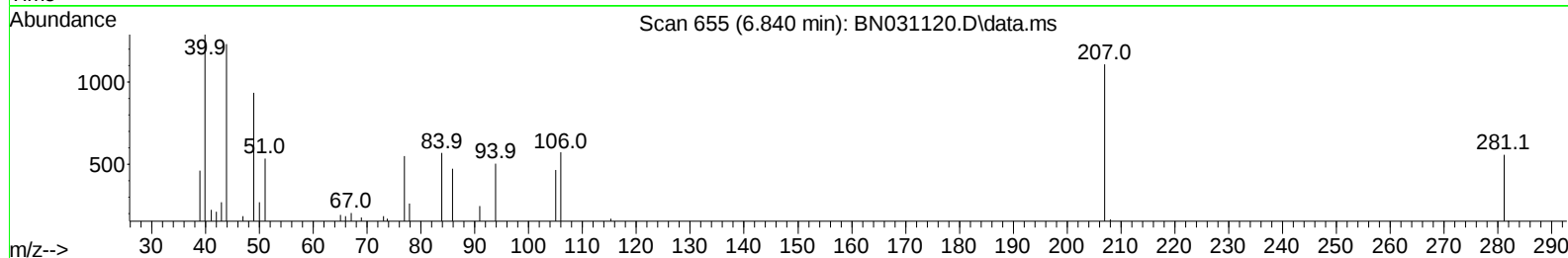
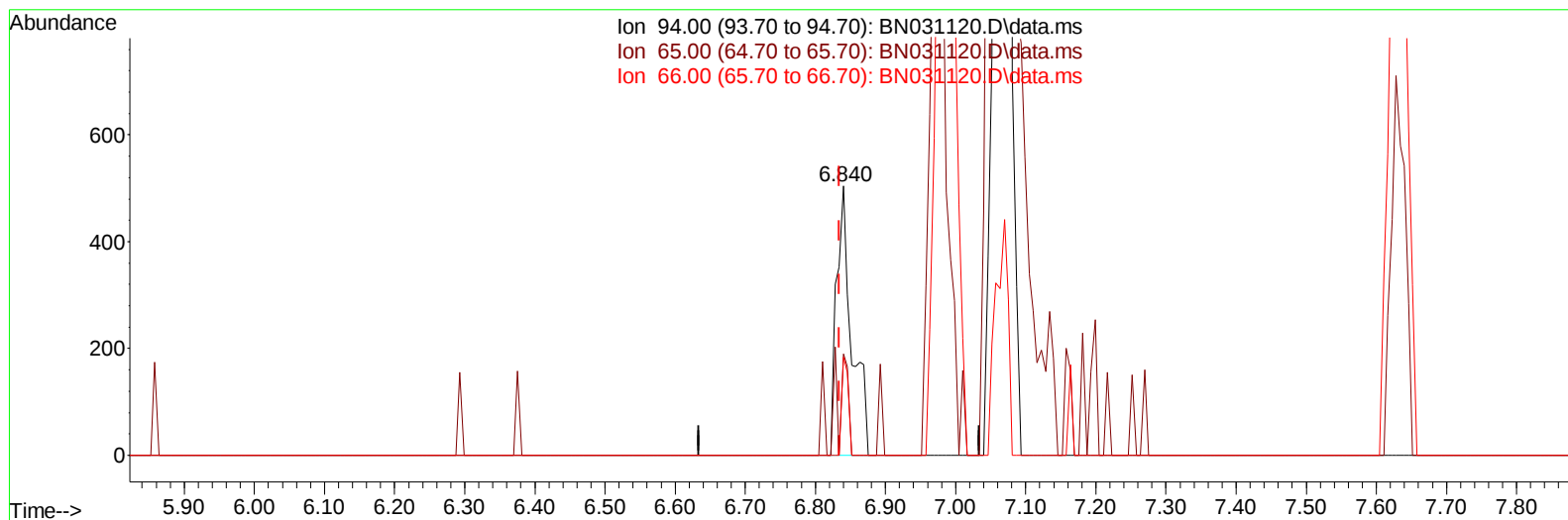
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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TIC: BN031120.D\data.ms

(8) Phenol

6.840min (+ 0.006) 0.08 ng/u1 m

response 761

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	27.50	37.70#
66.00	37.20	36.51
0.00	0.00	0.00

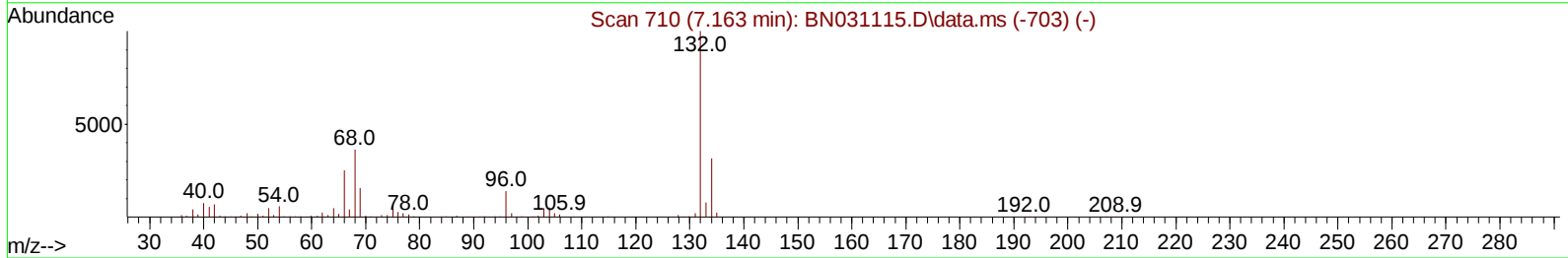
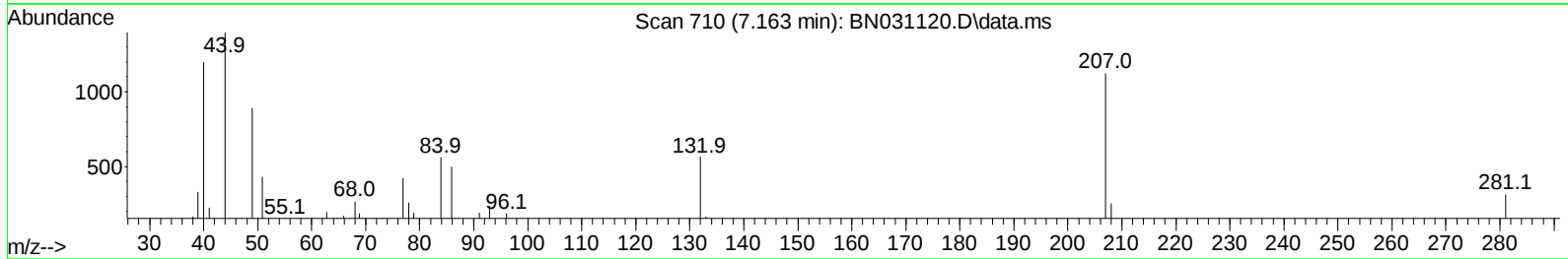
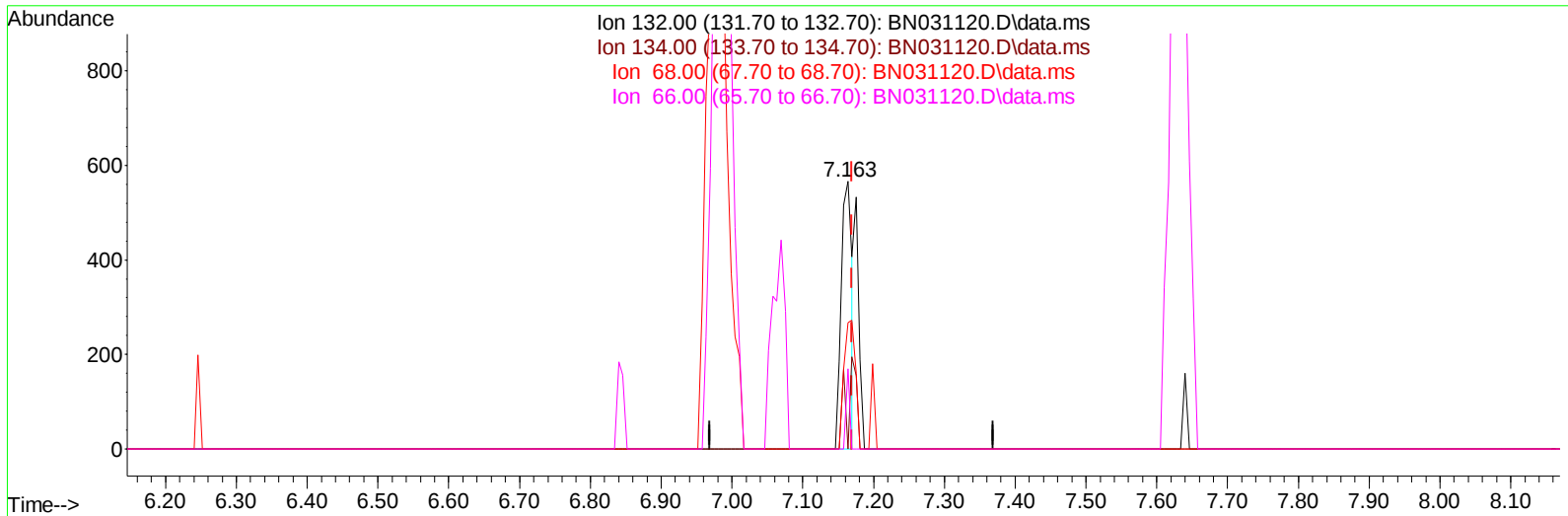
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Sample : P2170-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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TIC: BN031120.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.163min (-0.006) 0.08 ng/u1

response 591

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	33.10	0.00#
68.00	38.40	47.17#
66.00	26.10	30.04

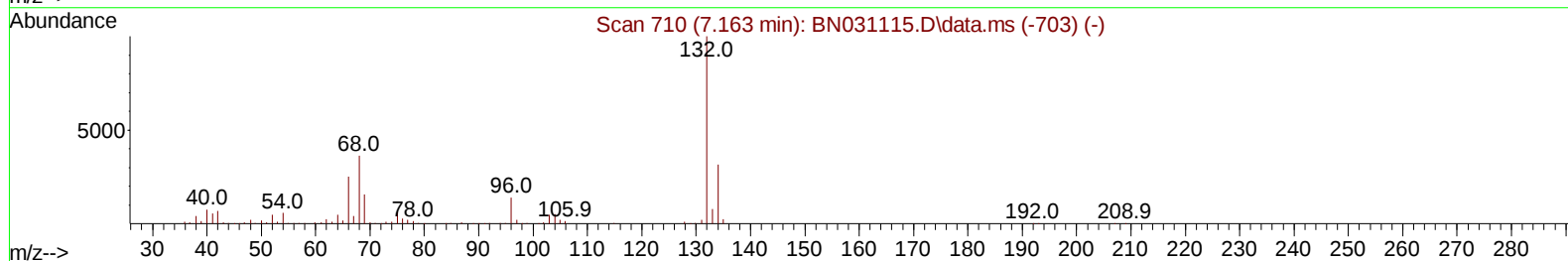
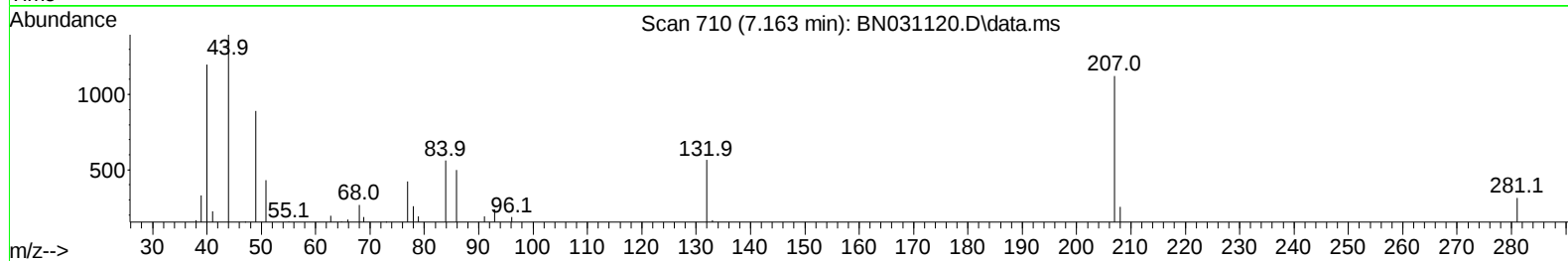
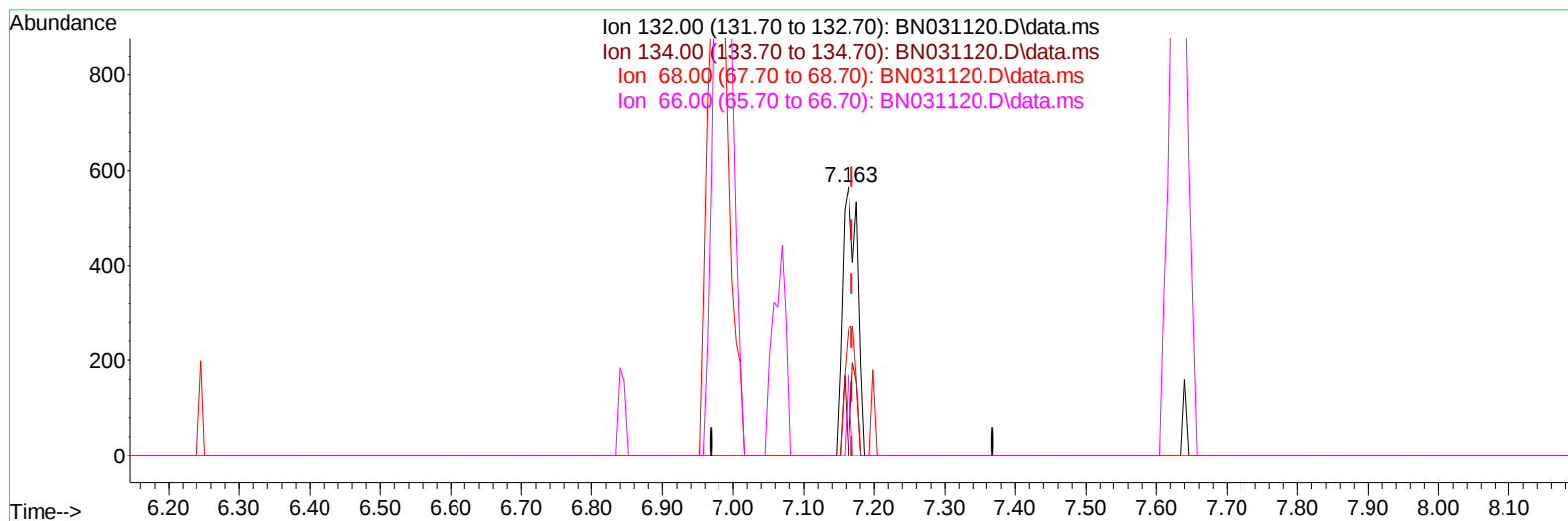
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031120.D
Acq On : 22 Apr 2024 13:34
Operator : MA/JU
Sample : P2170-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZZZ9MS

Manual IntegrationsAPPROVED

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TIC: BN031120.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.163min (-0.006) 0.11 ng/ul m

response 845

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	33.10	0.00#
68.00	38.40	47.17#
66.00	26.10	30.04

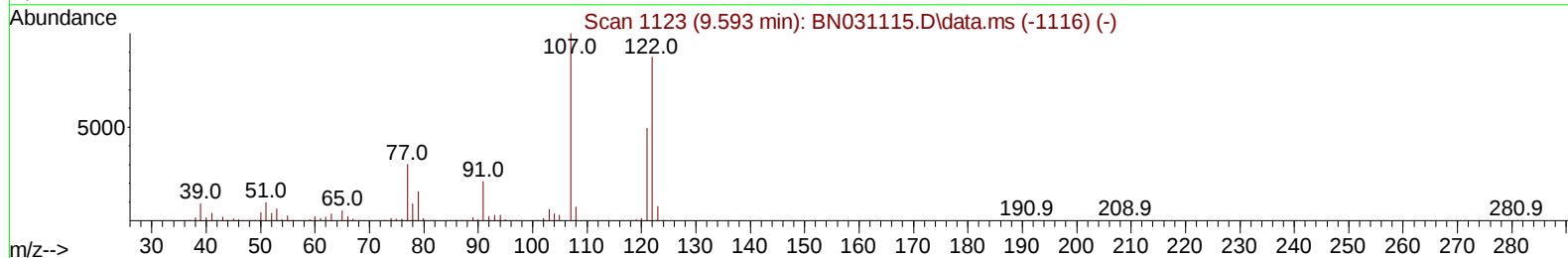
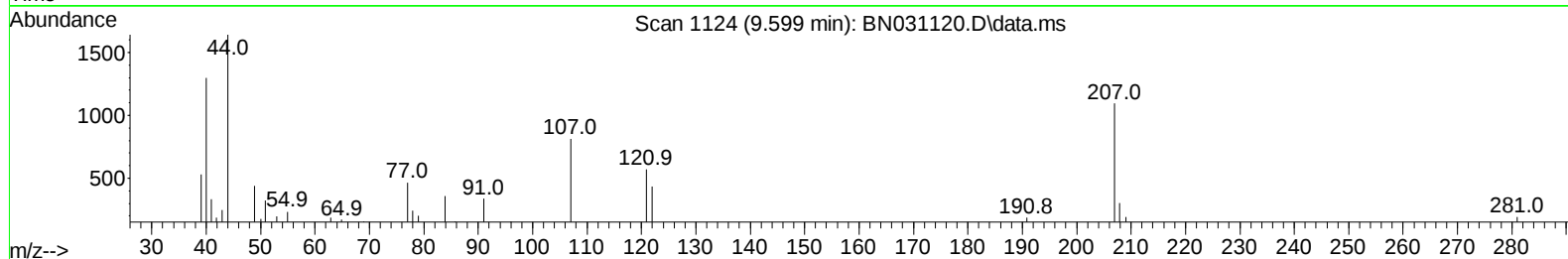
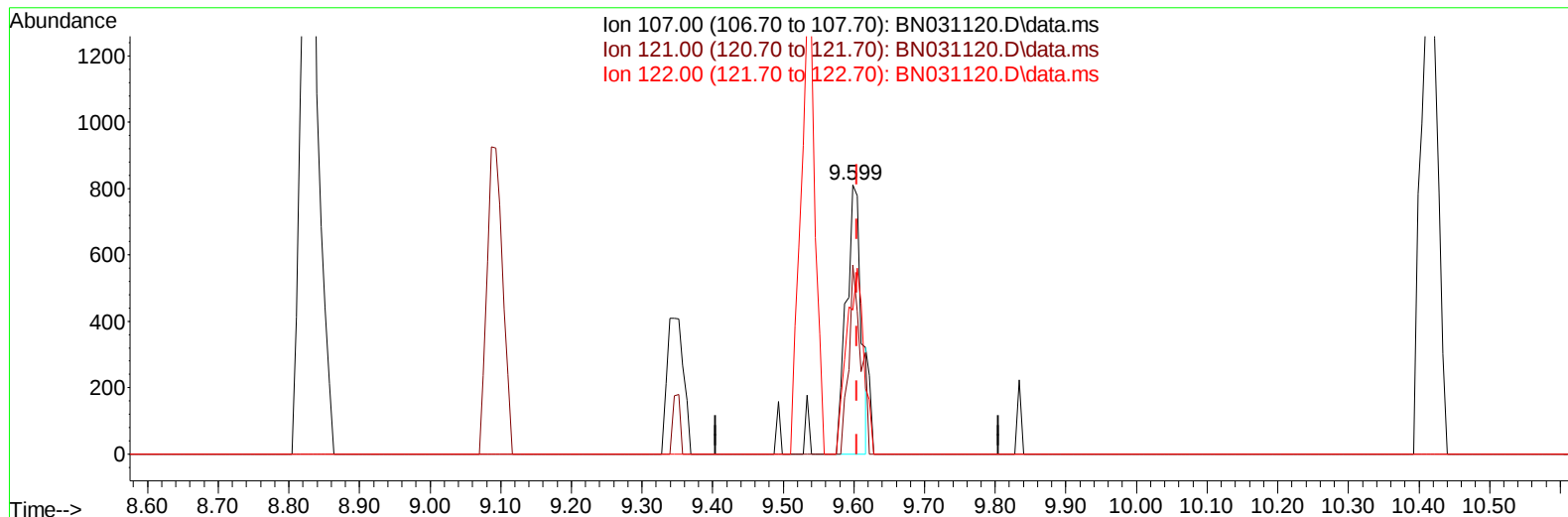
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Sample : P2170-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN031120.D\data.ms

(26) 2,4-Dimethylphenol

9.599min (-0.006) 0.13 ng/u1

response 1191

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	50.40	70.07#
122.00	87.30	53.45#
0.00	0.00	0.00

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Operator : MA/JU
Sample : P2170-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_N

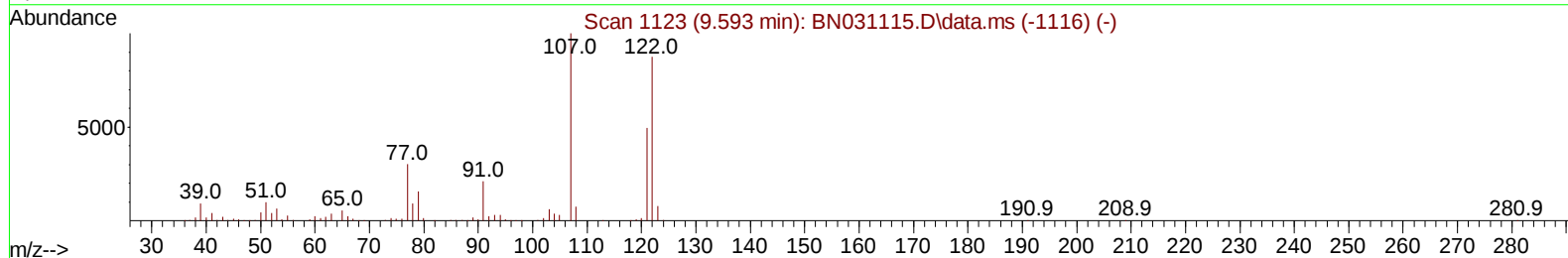
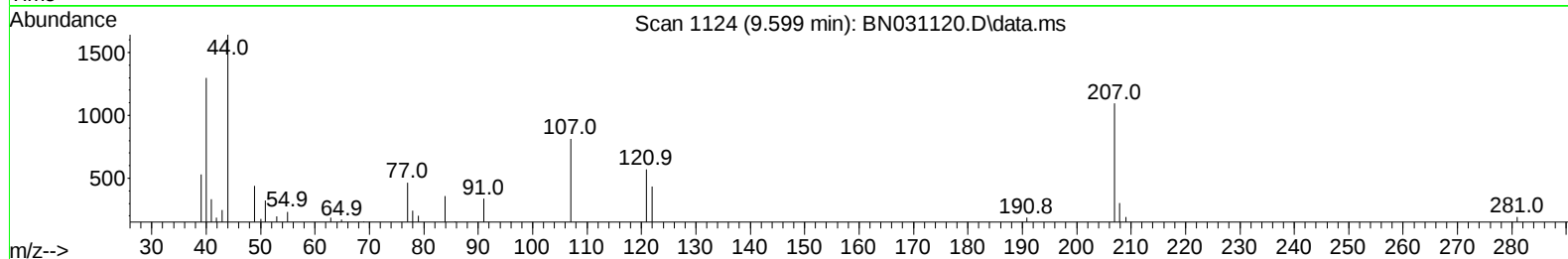
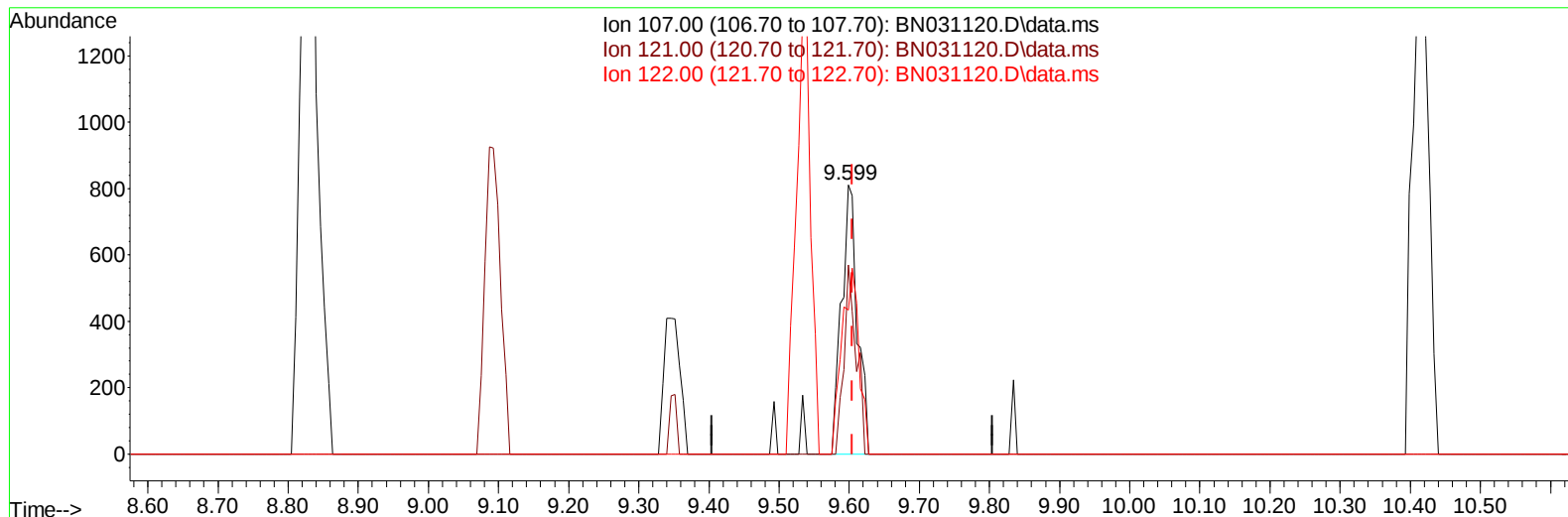
ClientSampleId :

EZZZ9MS

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BN031120.D\data.ms

(26) 2,4-Dimethylphenol

9.599min (-0.006) 0.14 ng/ul m

response 1274

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	50.40	70.07#
122.00	87.30	53.45#
0.00	0.00	0.00

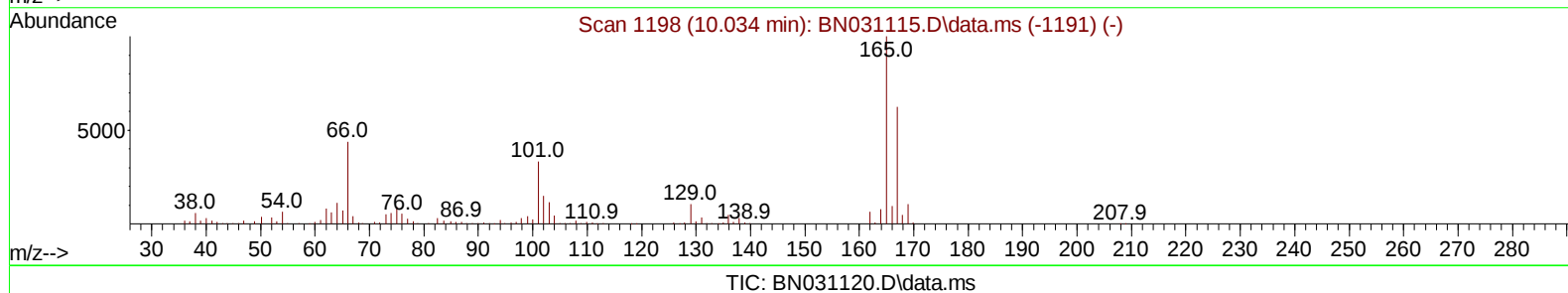
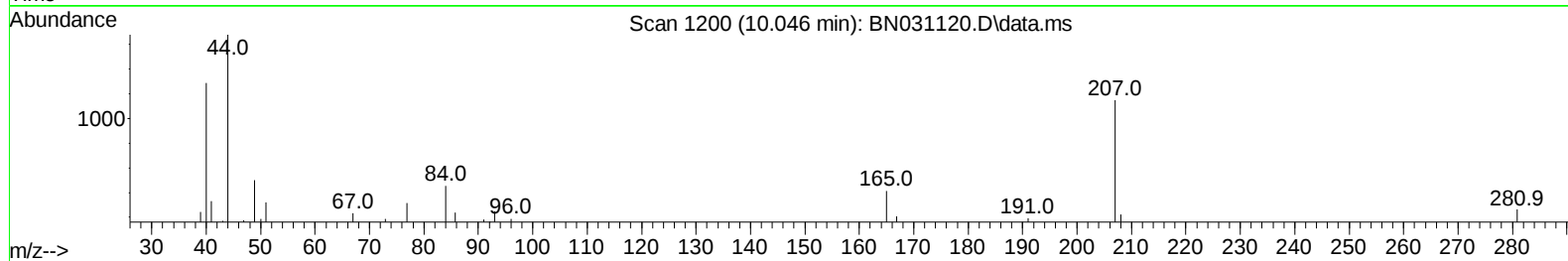
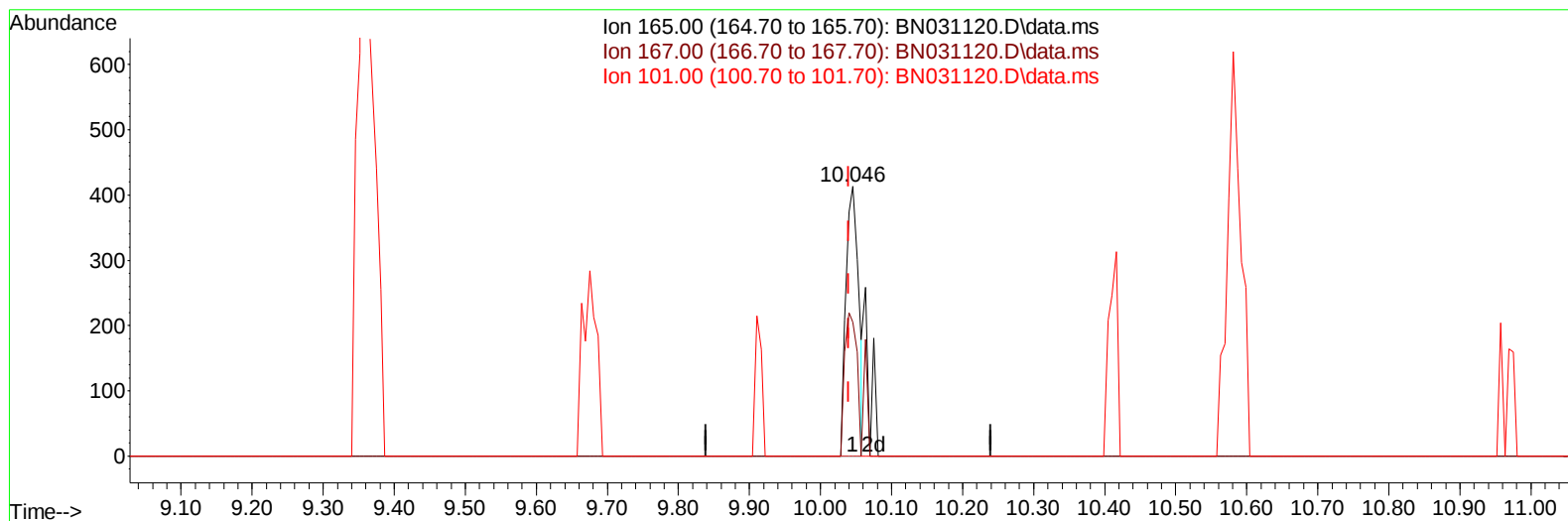
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(28) 2,4-Dichlorophenol-d3 (S)

10.046min (+ 0.006) 0.07 ng/u1

response 520

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	60.90	49.64
101.00	34.50	0.00#
0.00	0.00	0.00

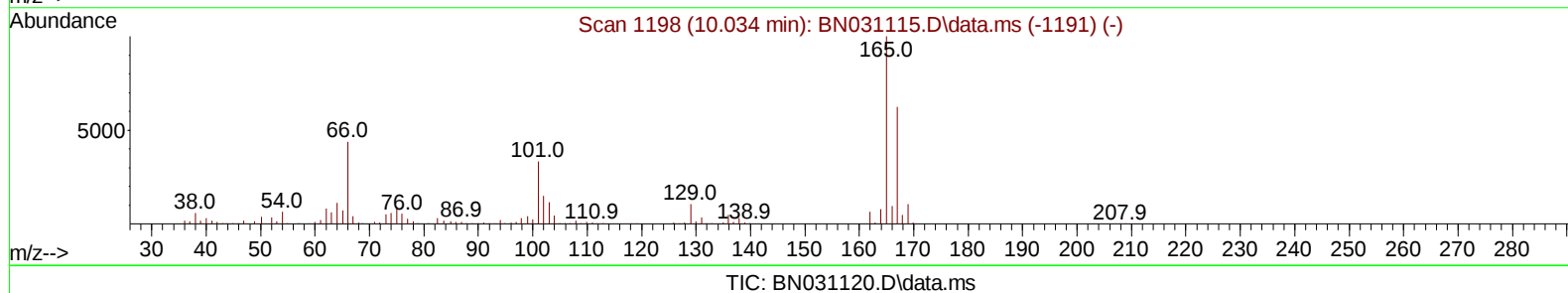
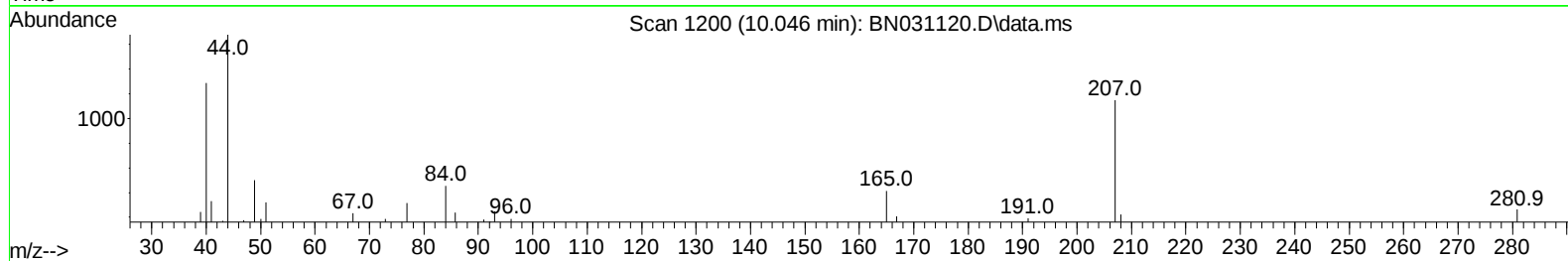
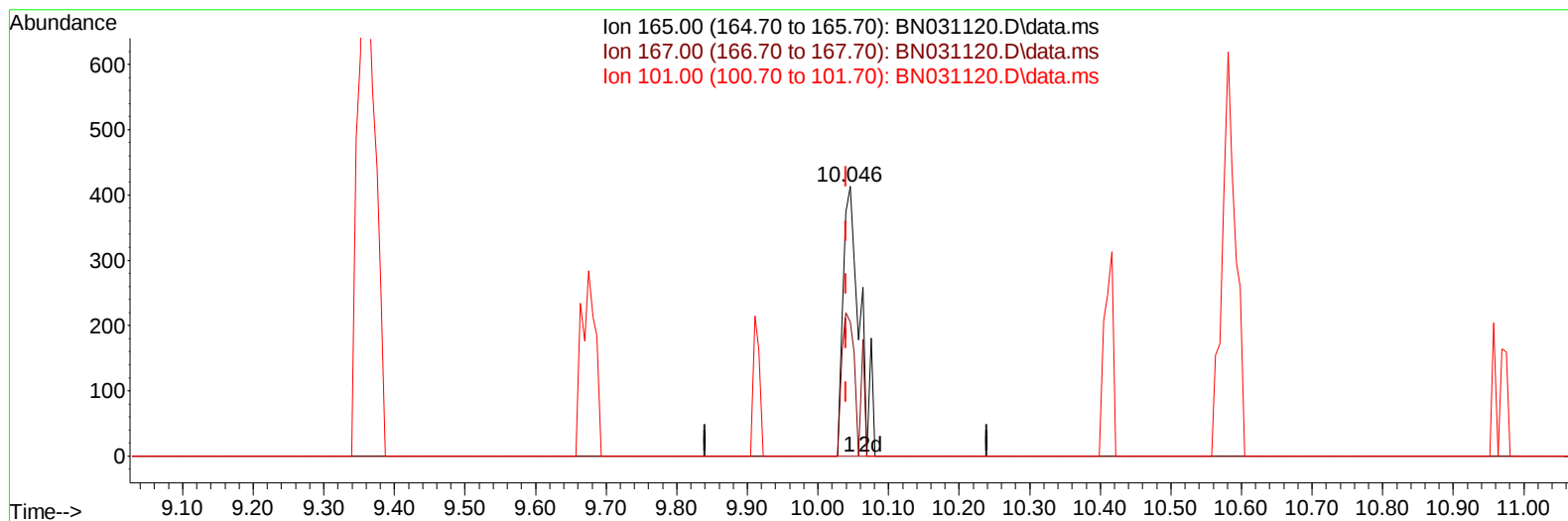
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Sample : P2170-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZZZ9MS

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(28) 2,4-Dichlorophenol-d3 (S)

10.046min (+ 0.006) 0.08 ng/ul m

response 611

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	60.90	49.64
101.00	34.50	0.00#
0.00	0.00	0.00

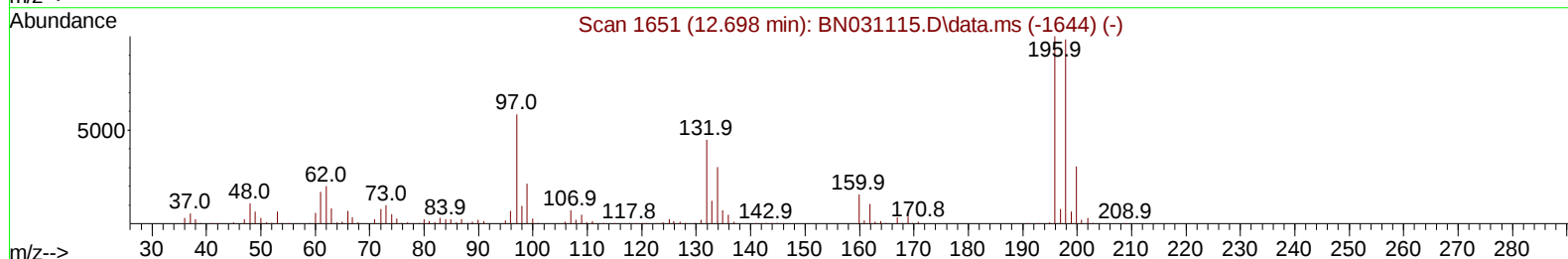
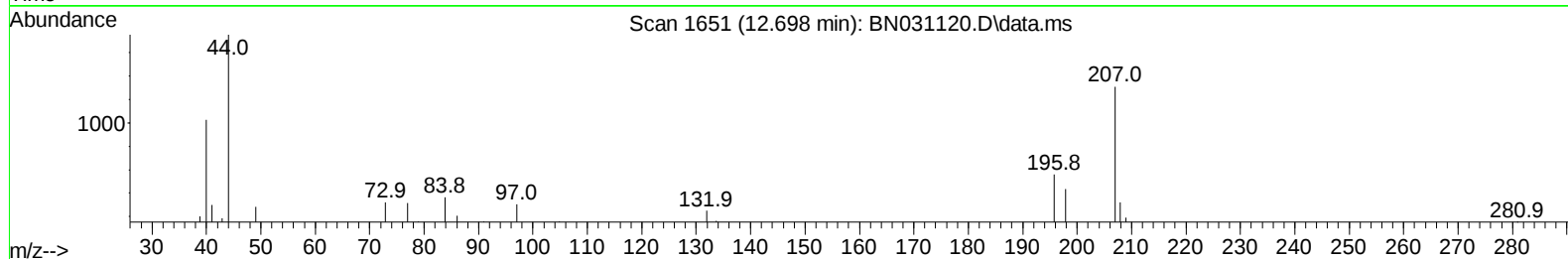
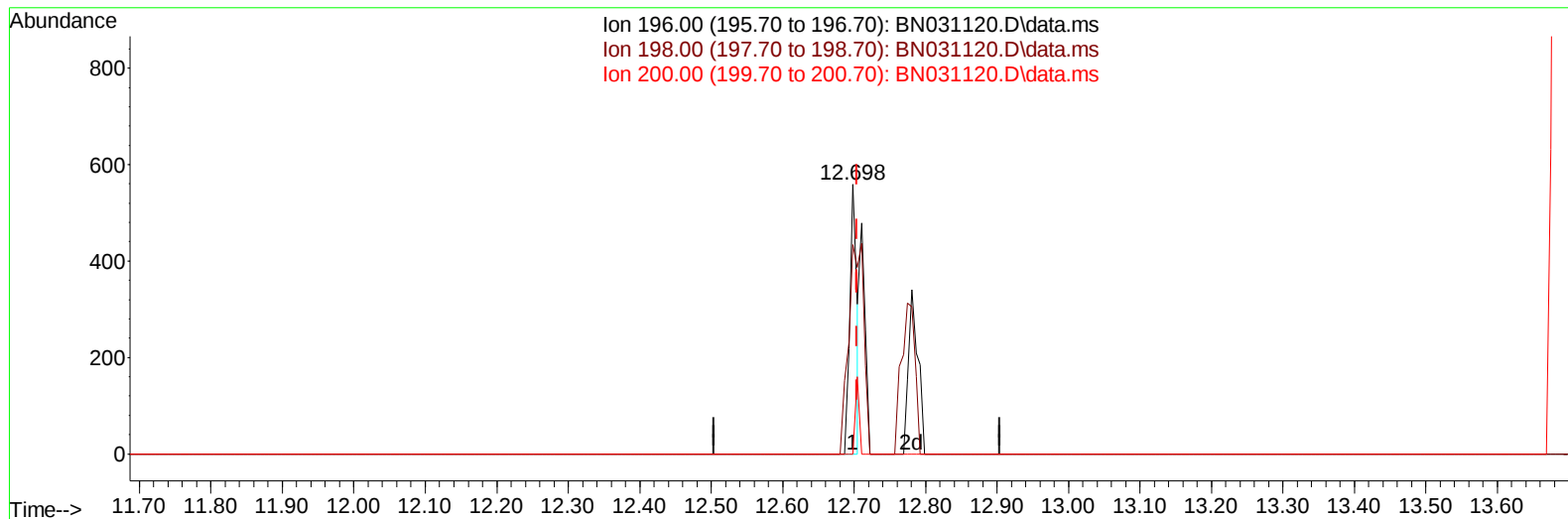
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ALS Vial : 7 Sample Multiplier: 1

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TIC: BN031120.D\data.ms

(41) 2,4,6-Trichlorophenol (C)

12.698min (-0.006) 0.06 ng/u1

response 384

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	87.40	77.64
200.00	29.30	0.00#
0.00	0.00	0.00

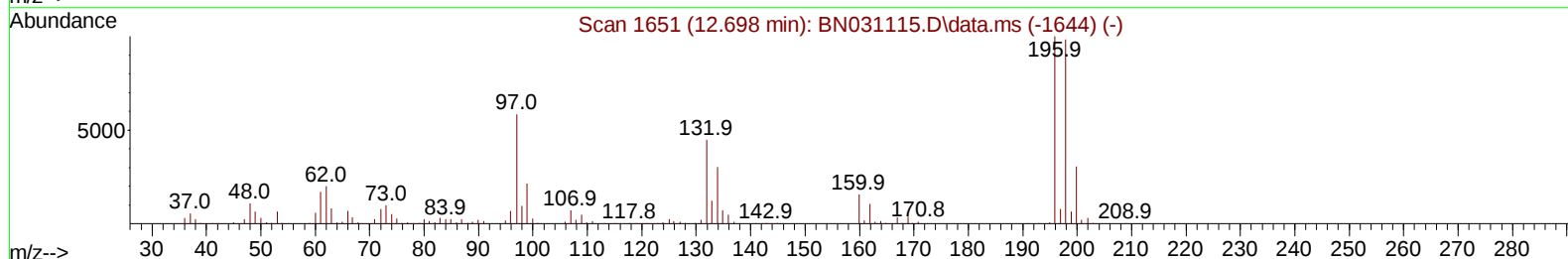
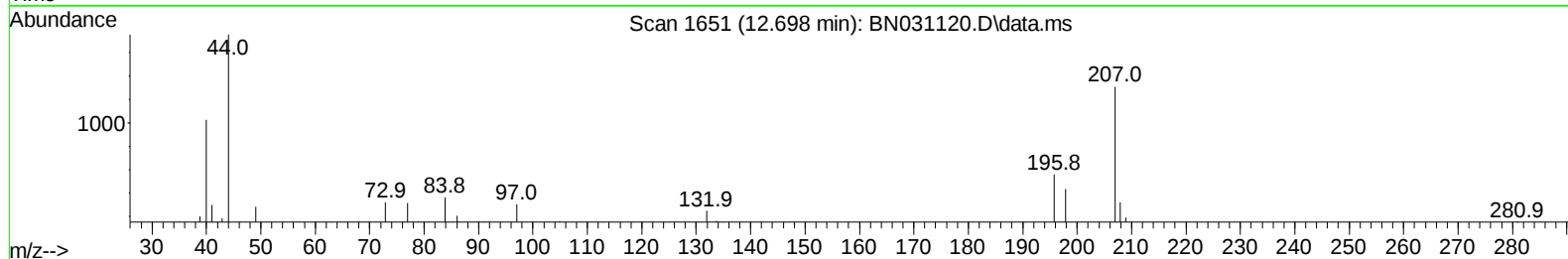
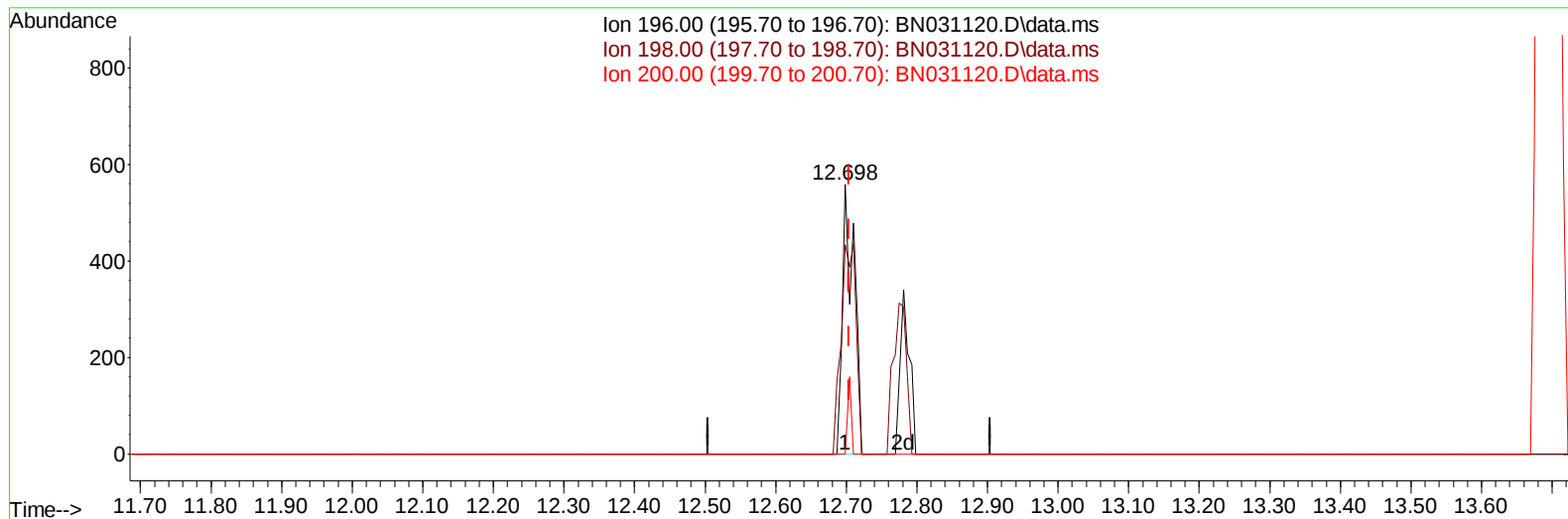
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN031120.D\data.ms

(41) 2,4,6-Trichlorophenol (C)

12.698min (-0.006) 0.10 ng/ul m

response 643

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	87.40	77.64
200.00	29.30	0.00#
0.00	0.00	0.00

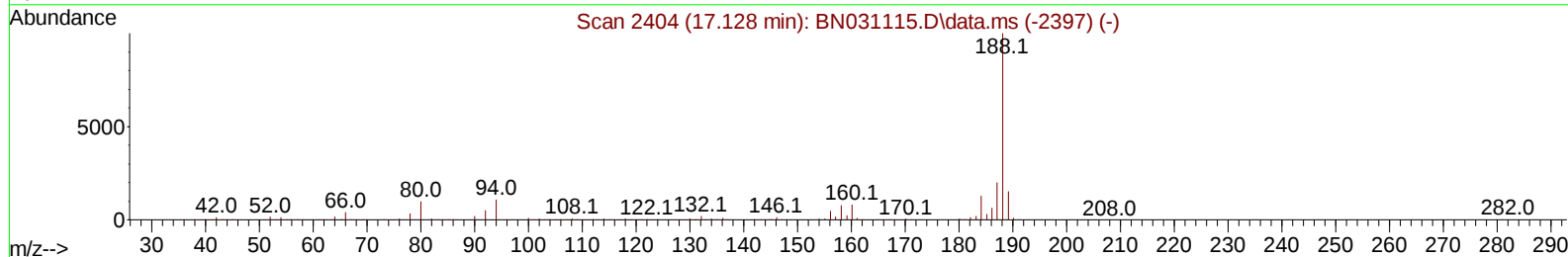
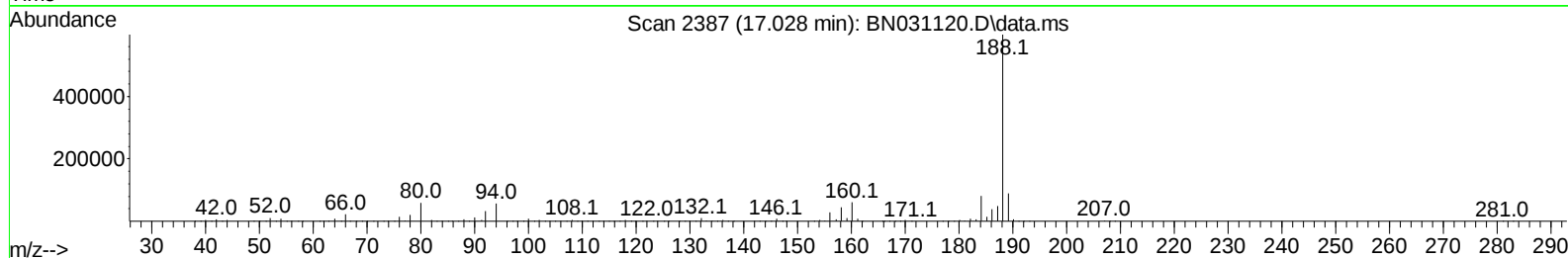
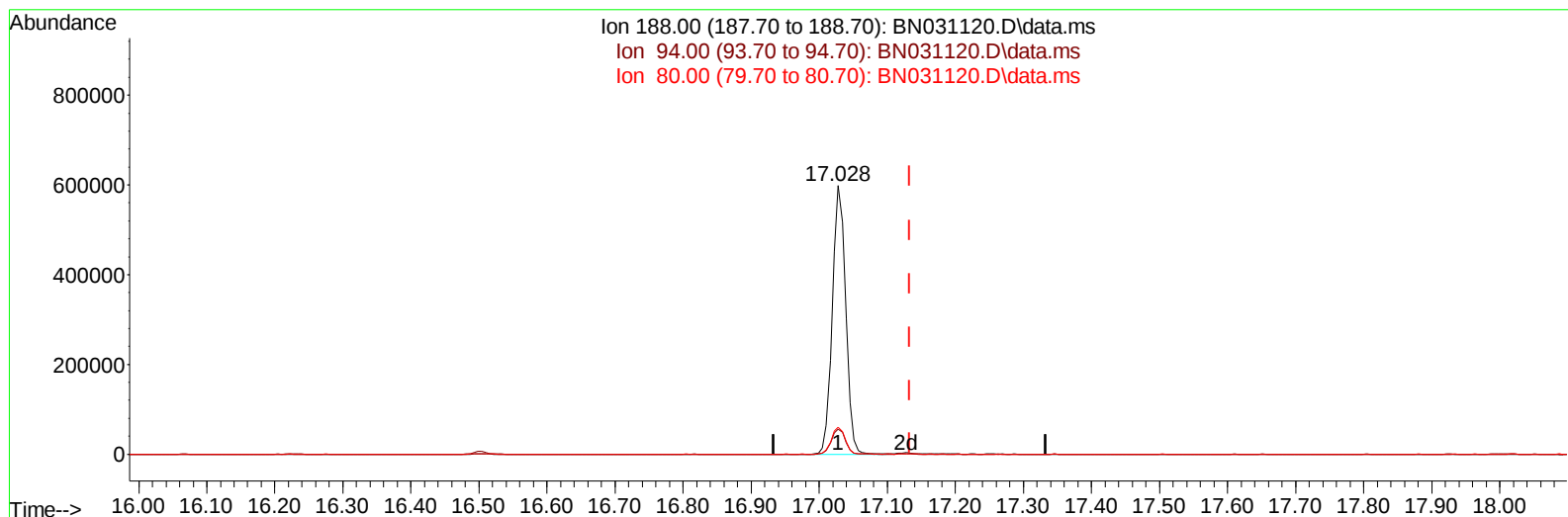
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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TIC: BN031120.D\data.ms

(73) Anthracene-d10 (S)

17.028min (-0.106) 23.07 ng/u1

response 819876

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	9.39
80.00	9.70	10.02
0.00	0.00	0.00

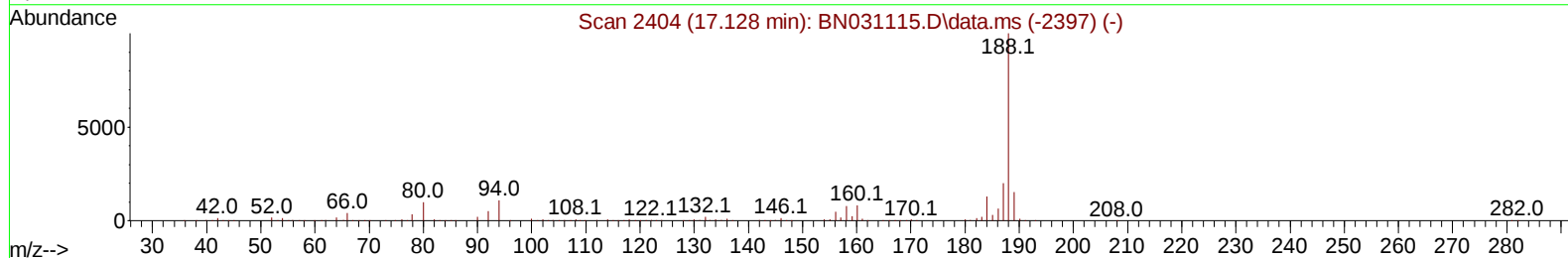
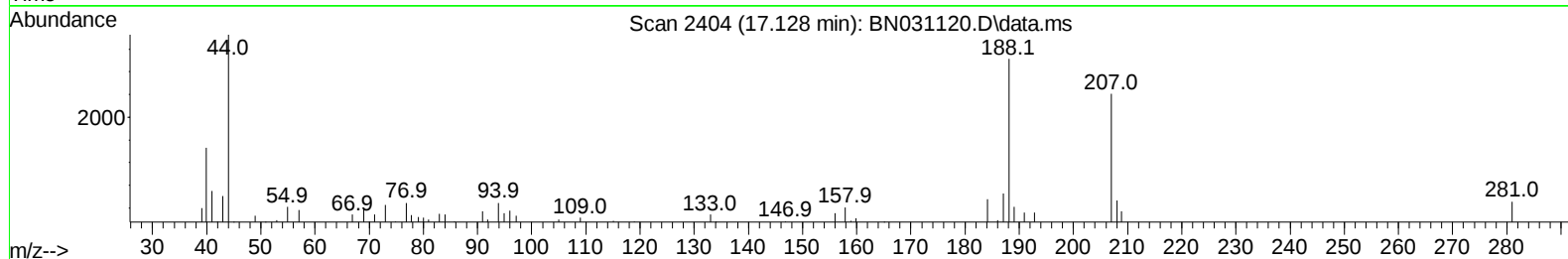
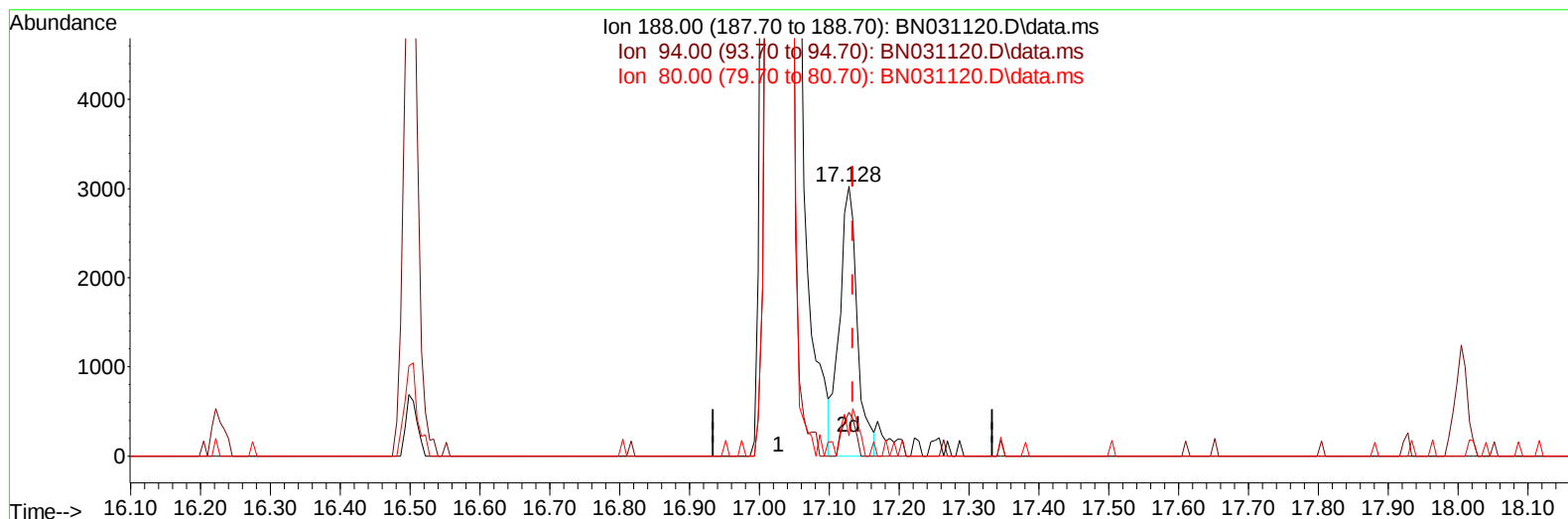
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031120.D
Acq On : 22 Apr 2024 13:34
Operator : MA/JU
Sample : P2170-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZZZ9MS

Manual IntegrationsAPPROVED

Quant Time: Apr 22 23:45:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BN031120.D\data.ms

(73) Anthracene-d10 (S)

17.128min (-0.006) 0.15 ng/u1 m

response 5283

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	16.20#
80.00	9.70	7.51#
0.00	0.00	0.00

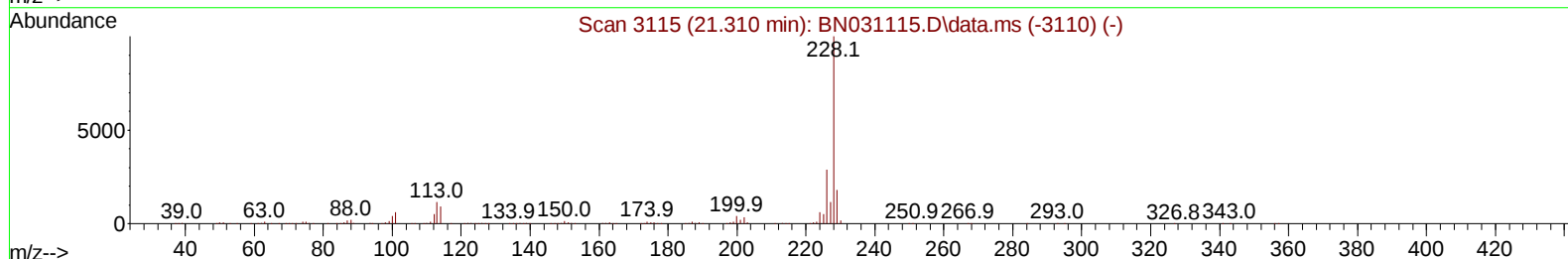
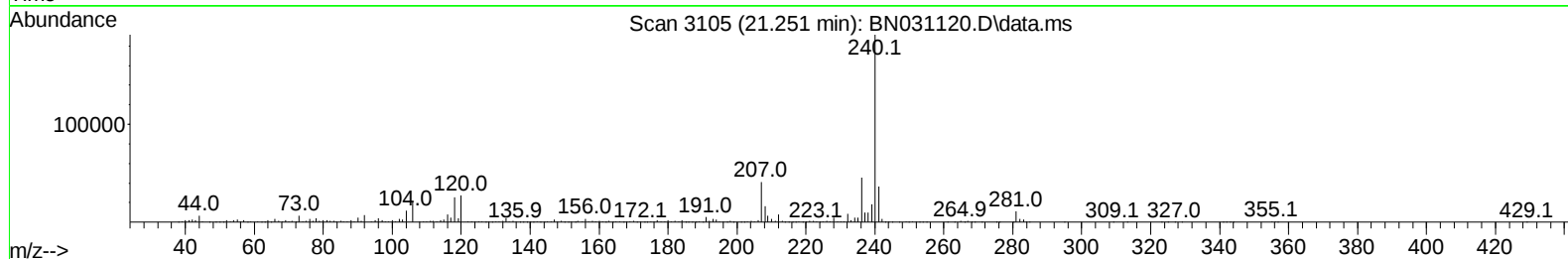
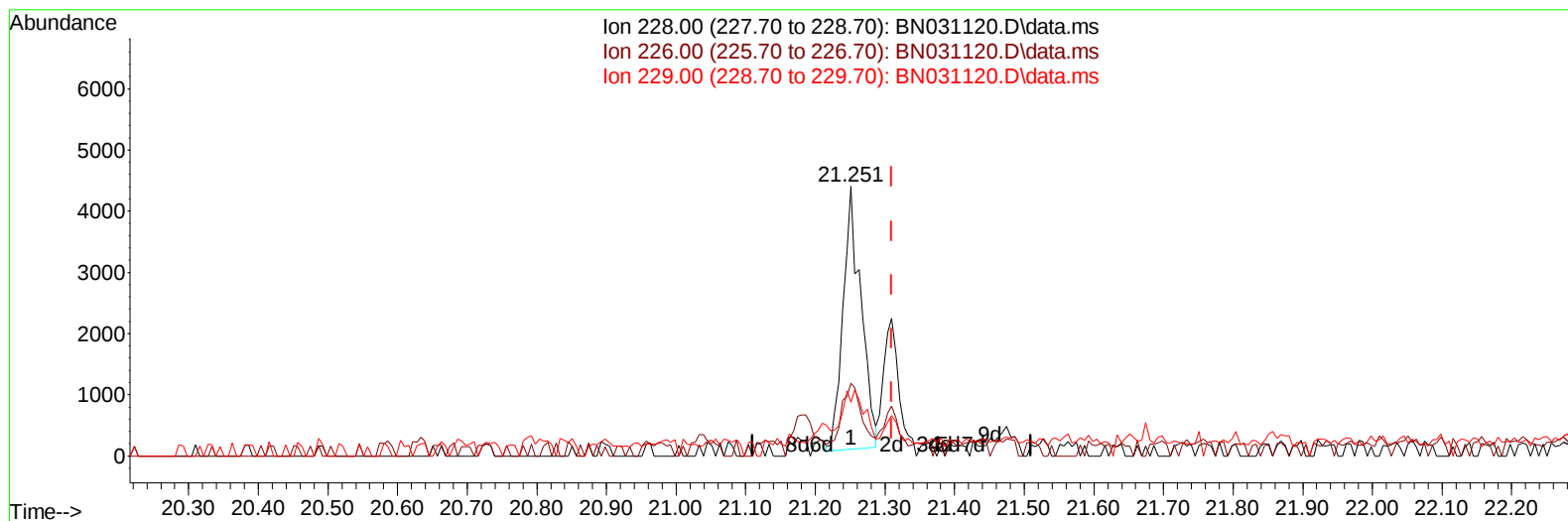
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031120.D
 Acq On : 22 Apr 2024 13:34
 Operator : MA/JU
 Sample : P2170-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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 QLast Update : Fri Apr 19 22:56:25 2024
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TIC: BN031120.D\data.ms

(87) Chrysene

21.251min (-0.059) 0.13 ng/u1

response 7754

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	28.30	26.91
229.00	19.80	19.90
0.00	0.00	0.00

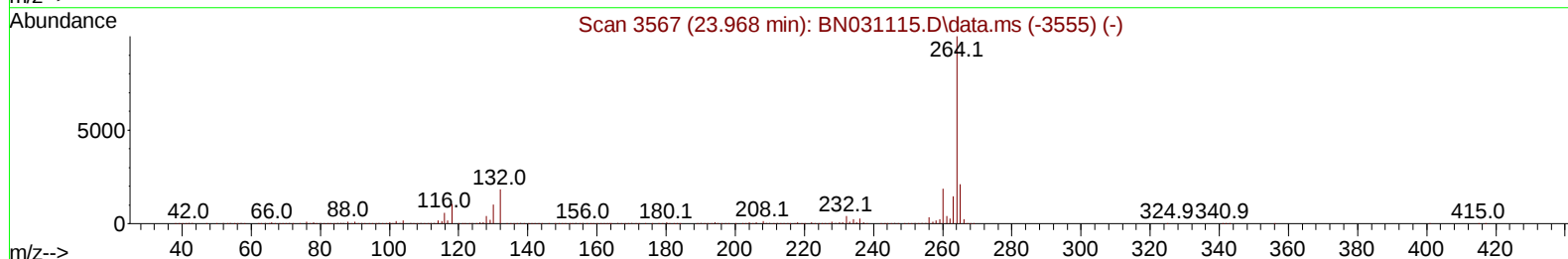
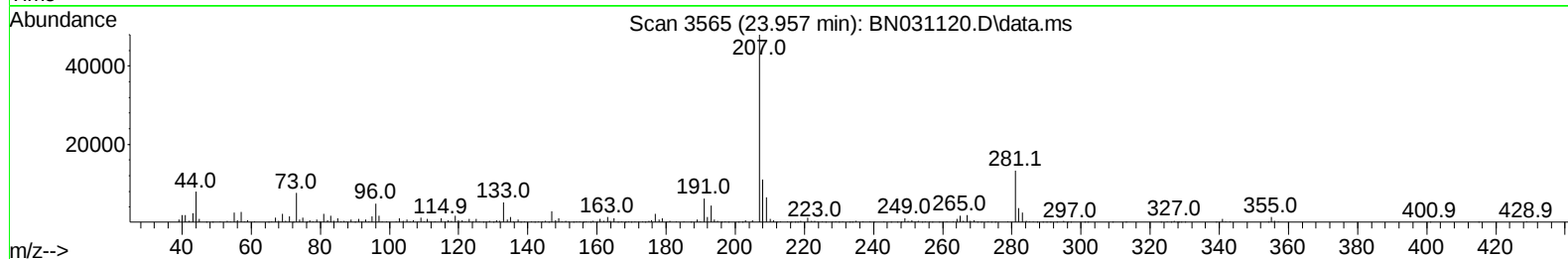
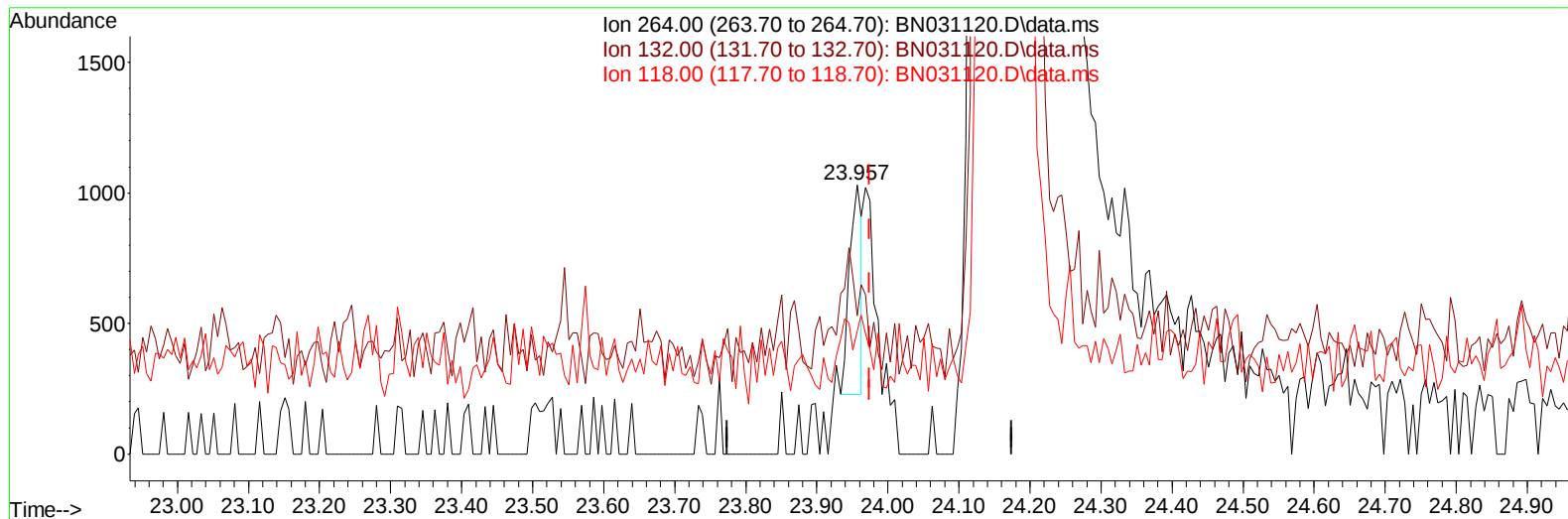
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031120.D
Acq On : 22 Apr 2024 13:34
Operator : MA/JU
Sample : P2170-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZZZ9MS

Manual IntegrationsAPPROVED

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TIC: BN031120.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

23.957min (-0.018) 0.02 ng/u1

response 979

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	17.20	51.36#
118.00	10.10	45.74#
0.00	0.00	0.00

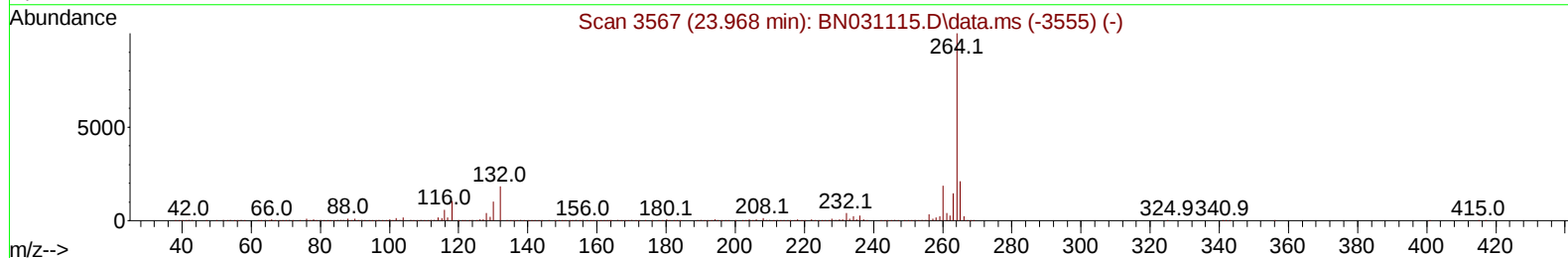
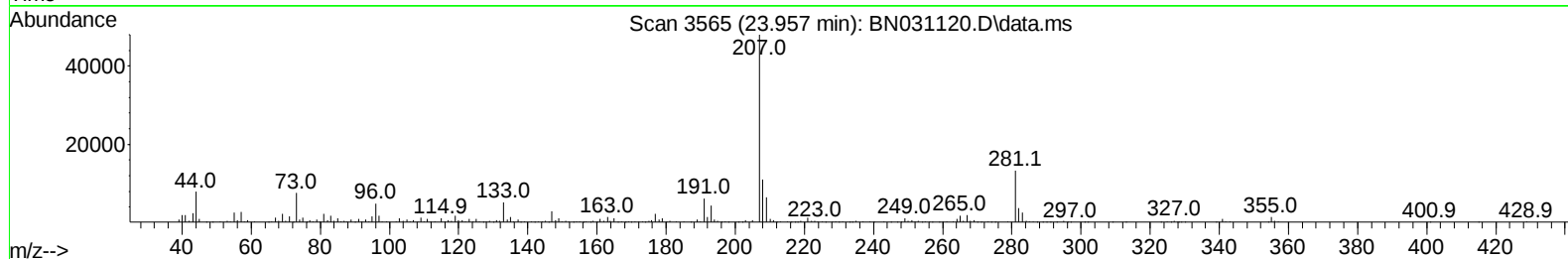
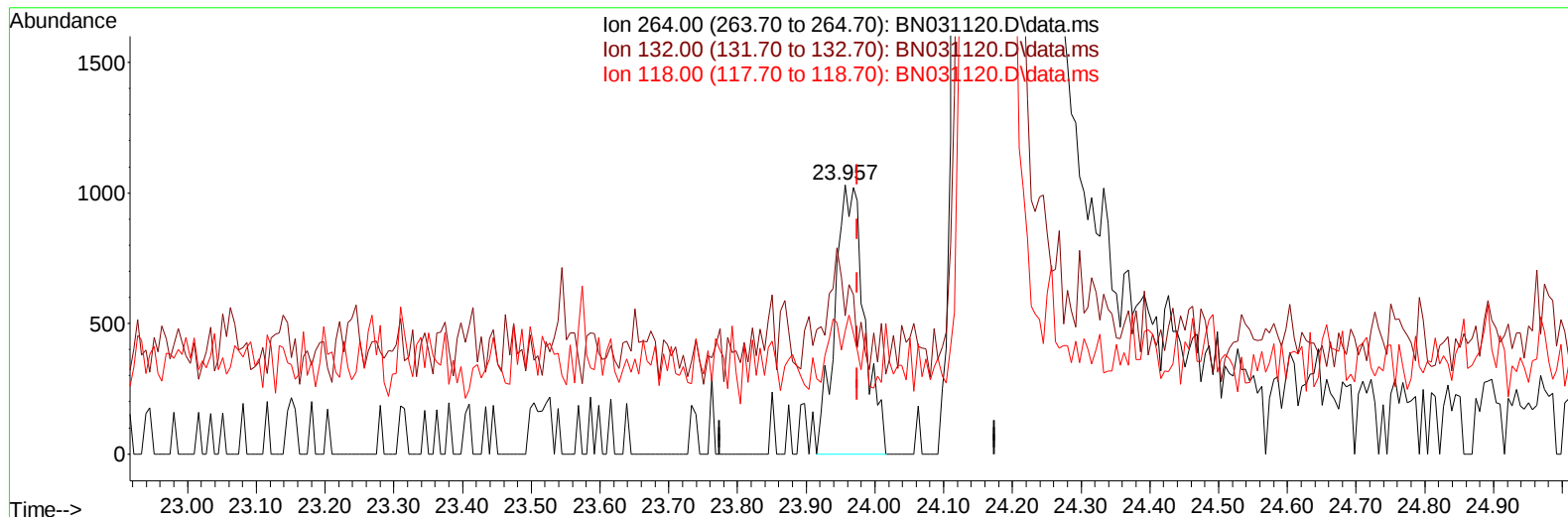
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031120.D
Acq On : 22 Apr 2024 13:34
Operator : MA/JU
Sample : P2170-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZZZ9MS

Manual IntegrationsAPPROVED

Quant Time: Apr 22 23:45:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BN031120.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

23.957min (-0.018) 0.06 ng/u1 m

response 3065

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	17.20	51.36#
118.00	10.10	45.74#
0.00	0.00	0.00

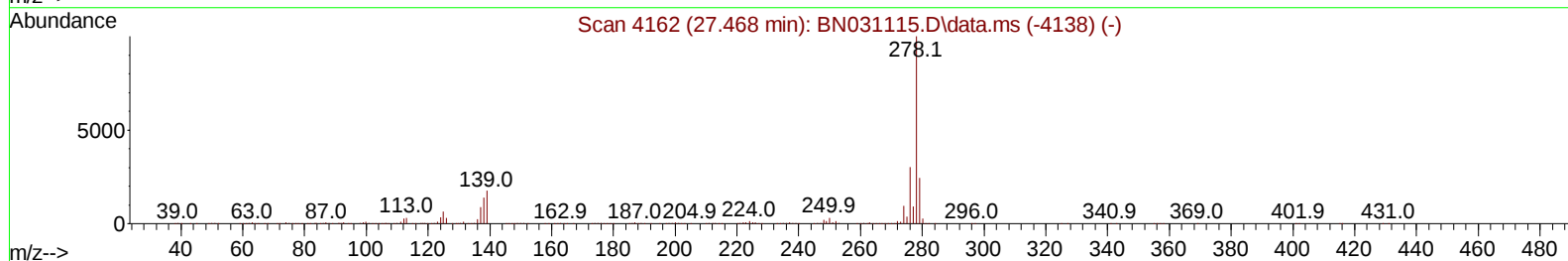
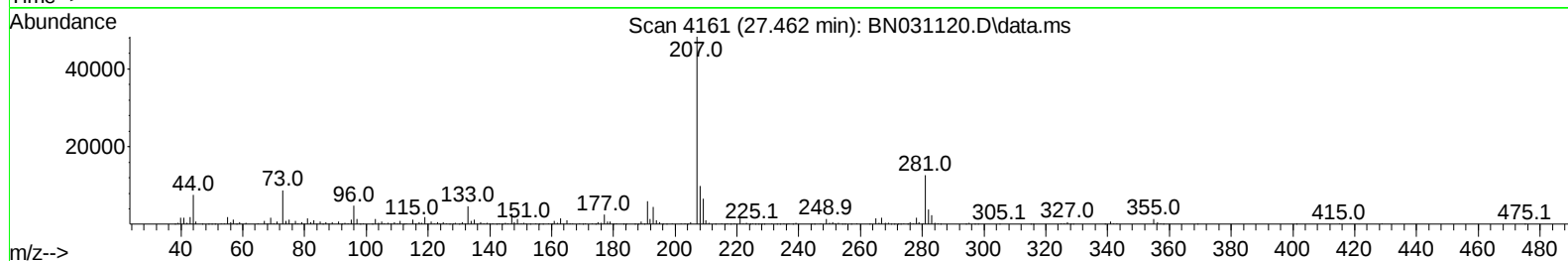
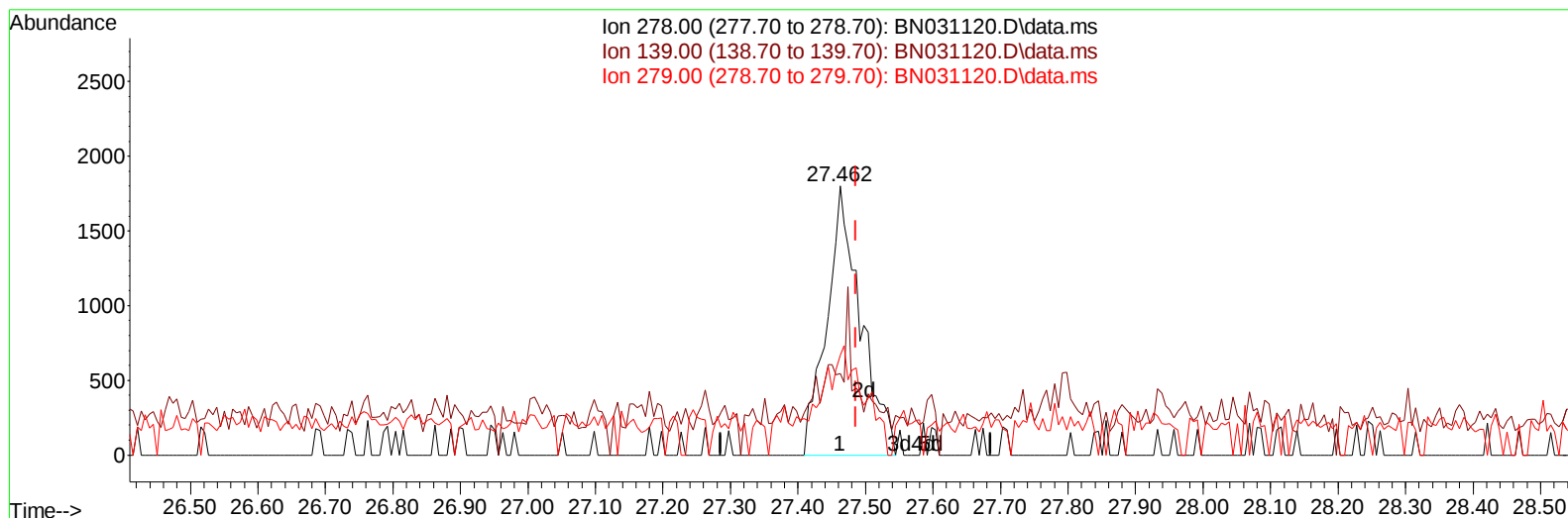
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031120.D
Acq On : 22 Apr 2024 13:34
Operator : MA/JU
Sample : P2170-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN031120.D\data.ms

(95) Dibenzo(a,h)anthracene

27.462min (-0.024) 0.10 ng/ul m

response 6268

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.60	30.28#
279.00	21.30	37.22#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
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 Operator : MA/JU
 Sample : P2170-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZZZ9MS

Manual IntegrationsAPPROVED

Quant Time: Apr 22 23:49:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
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Reviewed By :Yogesh Patel 04/24/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	115679	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	540485	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	360921	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	819876	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	929231	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1124047	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	6119	2.471	ng/uL	0.00
4) Pyridine-d5	3.587	84	4805m	0.674	ng/ul	0.04
7) Phenol-d5	6.811	99	133	0.014	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	62516	11.011	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	845m	0.111	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	1028	0.125	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	32222	8.297	ng/ul	0.00
24) 2-Nitrophenol-d4	9.505	143	26284	6.511	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	611m	0.077	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	2849	0.229	ng/ul	0.00
46) Dimethylphthalate-d6	13.693	166	285711	11.376	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	1498	0.053	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	4405	0.840	ng/ul	0.00
60) Fluorene-d10	15.275	176	16153	0.739	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	29338	7.093	ng/ul	0.00
73) Anthracene-d10	17.128	188	5283m	0.149	ng/ul	0.00
81) Pyrene-d10	19.428	212	2903	0.064	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	3065m	0.058	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	9367	3.570	ng/ul#	94
6) Benzaldehyde	6.787	77	54619	11.399	ng/ul	98
8) Phenol	6.840	94	761m	0.076	ng/ul	
10) Bis(2-Chloroethyl)ether	7.069	93	88791	11.185	ng/ul	96
12) 2-Chlorophenol	7.193	128	676	0.086	ng/ul#	68
13) 2-Methylphenol	8.081	108	431	0.055	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.152	45	122147	11.802	ng/ul	97
16) Acetophenone	8.452	105	146326	11.508	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.434	70	65669	10.361	ng/ul	100
18) 4-Methylphenol	8.405	108	1297	0.149	ng/ul	86
22) Nitrobenzene	8.828	77	78227	8.535	ng/ul	97
23) Isophorone	9.352	82	189765	10.146	ng/ul	99
25) 2-Nitrophenol	9.534	139	31379	7.026	ng/ul	94
26) 2,4-Dimethylphenol	9.599	107	1274m	0.140	ng/ul	
27) Bis(2-Chloroethoxy)met...	9.834	93	121613	10.704	ng/ul	98
29) 2,4-Dichlorophenol	10.069	162	214	0.027	ng/ul#	26
30) Naphthalene	10.463	128	1504	0.054	ng/ul#	69
32) 4-Chloroaniline	10.587	127	29550	2.445	ng/ul	99
33) Hexachlorobutadiene	10.740	225	445	0.092	ng/ul#	88
34) Caprolactam	11.346	113	26325	8.403	ng/ul	92
36) 2-Methylnaphthalene	12.081	142	3566	0.181	ng/ul#	70
37) 1-Methylnaphthalene	12.310	142	2505	0.125	ng/ul#	82
41) 2,4,6-Trichlorophenol	12.698	196	643m	0.102	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
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Manual IntegrationsAPPROVED

Quant Time: Apr 22 23:49:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
42) 2,4,5-Trichlorophenol	12.781	196		314	0.045	ng/ul#	82
43) 1,1'-Biphenyl	13.104	154		36046	1.452	ng/ul	95
44) 2-Chloronaphthalene	13.151	162		554	0.028	ng/ul#	37
45) 2-Nitroaniline	13.363	65		16873	3.081	ng/ul	95
47) Dimethylphthalate	13.740	163		333816	12.883	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165		47722	9.812	ng/ul	93
50) Acenaphthylene	13.998	152		2245	0.068	ng/ul#	84
51) 3-Nitroaniline	14.198	138		24492	4.386	ng/ul#	96
52) Acenaphthene	14.345	153		1088	0.049	ng/ul#	89
53) 2,4-Dinitrophenol	14.404	184		14844	5.397	ng/ul	97
55) 4-Nitrophenol	14.516	109		3830	0.900	ng/ul	92
56) Dibenzofuran	14.681	168		5556	0.182	ng/ul	94
57) 2,4-Dinitrotoluene	14.651	165		75798	10.256	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.916	232		375	0.062	ng/ul#	63
59) Diethylphthalate	15.110	149		306888	11.517	ng/ul	99
61) Fluorene	15.328	166		14034	0.560	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.334	204		29250	2.449	ng/ul	96
63) 4-Nitroaniline	15.363	138		40487	6.725	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.416	198		37226	8.381	ng/ul#	95
67) N-Nitrosodiphenylamine	15.545	169		71484	3.253	ng/ul	96
68) 4-Bromophenyl-phenylether	16.228	248		12925	1.667	ng/ul	88
70) Atrazine	16.504	200		95555	12.385	ng/ul	96
71) Pentachlorophenol	16.686	266		236	0.041	ng/ul#	20
72) Phenanthrene	17.069	178		2436	0.056	ng/ul#	83
74) Anthracene	17.163	178		3054	0.070	ng/ul#	86
77) Carbazole	17.445	167		1160	0.029	ng/ul#	57
78) Di-n-butylphthalate	18.004	149		642674	13.153	ng/ul	100
80) Fluoranthene	19.098	202		3272	0.061	ng/ul	95
82) Pyrene	19.463	202		941	0.017	ng/ul#	68
83) Butylbenzylphthalate	20.375	149		341196	13.618	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.186	252		47712	2.464	ng/ul	98
85) Benzo(a)anthracene	21.251	228		7839	0.124	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149		521463	13.862	ng/ul	98
87) Chrysene	21.310	228		3555m	0.059	ng/ul	
89) Di-n-octyl phthalate	22.274	149		945374	14.591	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252		3616	0.057	ng/ul#	40
91) Benzo(k)fluoranthene	23.316	252		4381	0.069	ng/ul#	42
93) Benzo(a)pyrene	24.039	252		253	0.004	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	27.415	276		453	0.006	ng/ul#	51
95) Dibenzo(a,h)anthracene	27.462	278		6268m	0.098	ng/ul	
96) Benzo(g,h,i)perylene	28.404	276		657	0.010	ng/ul#	48

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

