

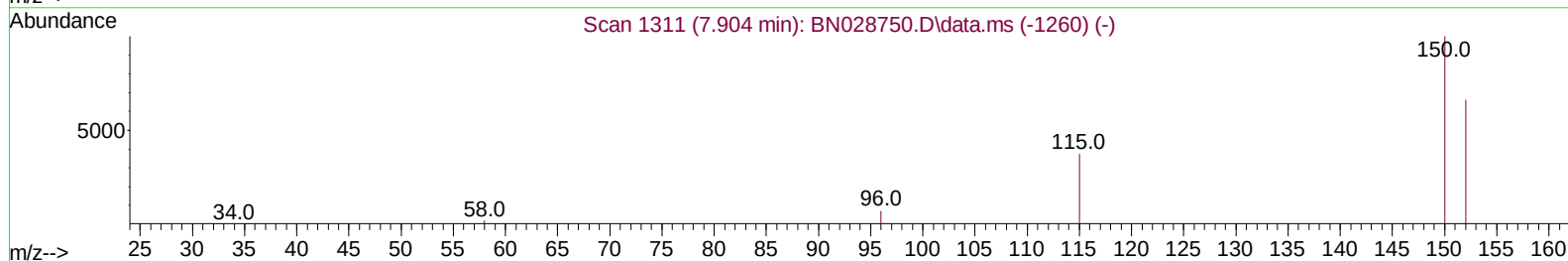
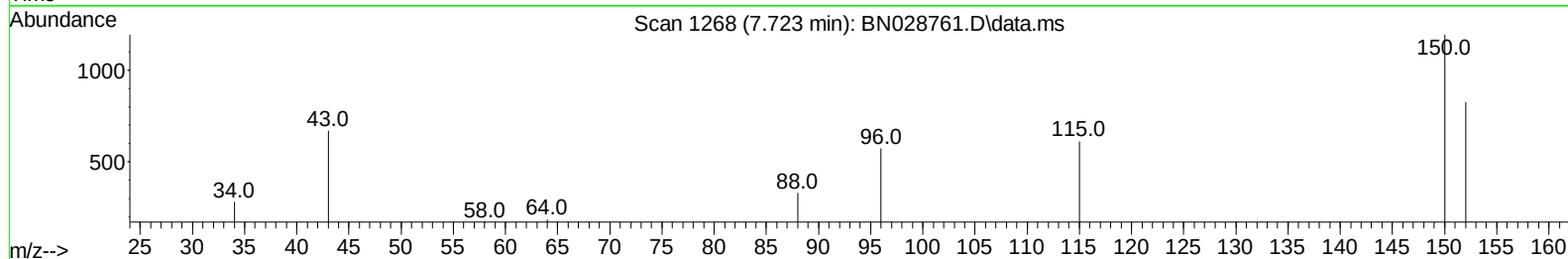
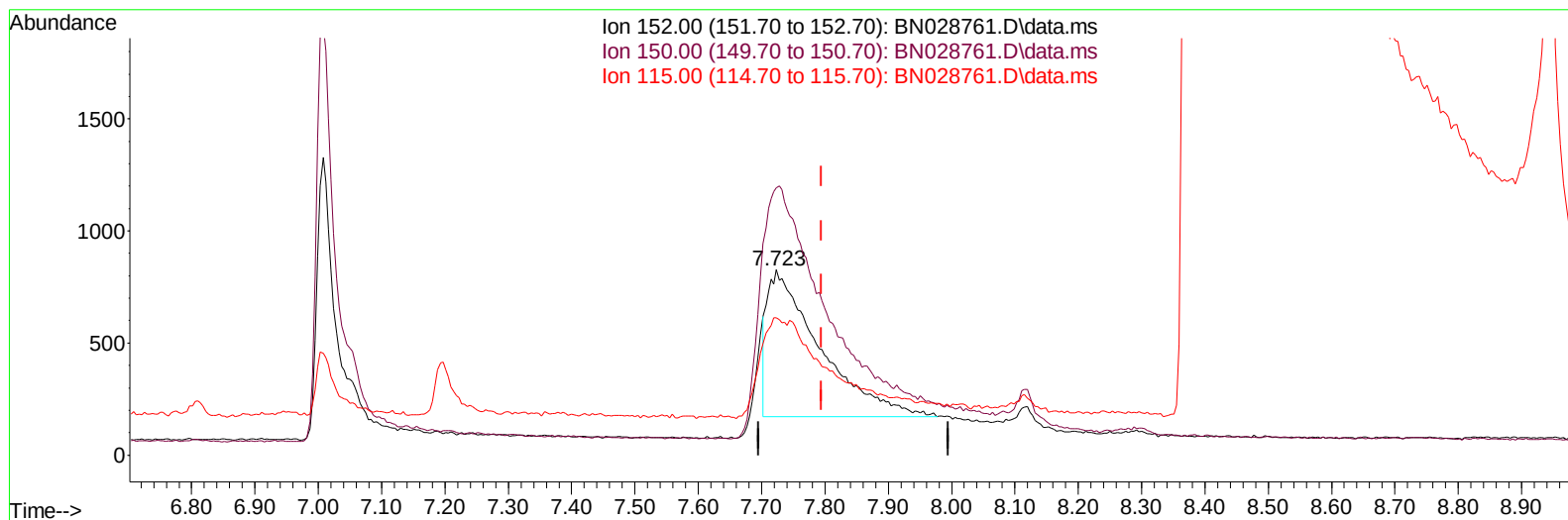
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Data File : BN028761.D
Acq On : 19 Nov 2023 05:05
Operator : MA/JU
Sample : 05370-01
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDP7

Manual IntegrationsAPPROVED

Quant Time: Nov 20 00:35:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028761.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.723min (-0.072) 0.40 ng/ul

response 3752

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	144.26
115.00	62.20	74.12
0.00	0.00	0.00

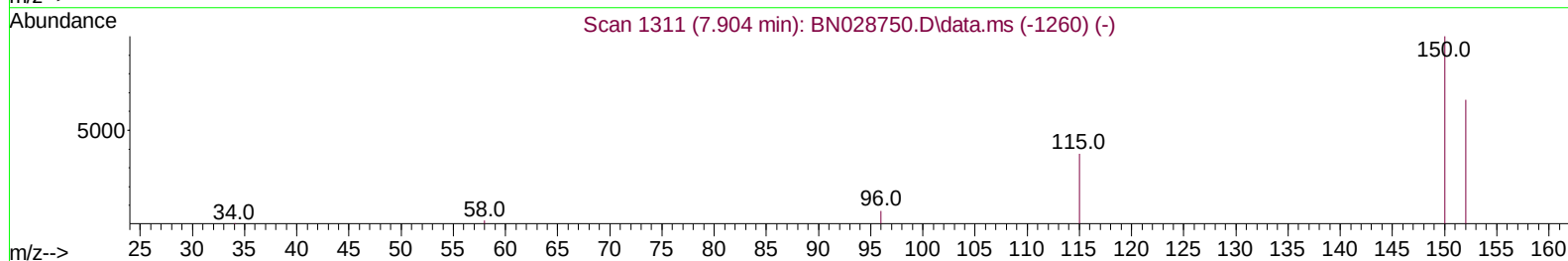
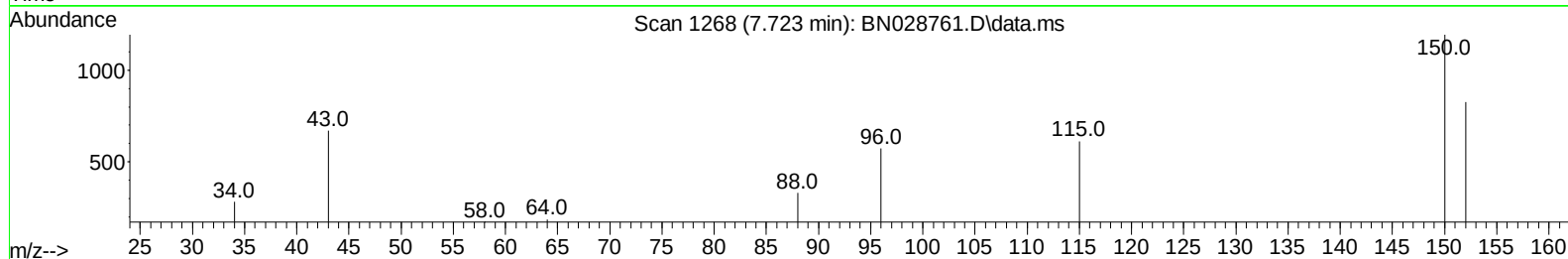
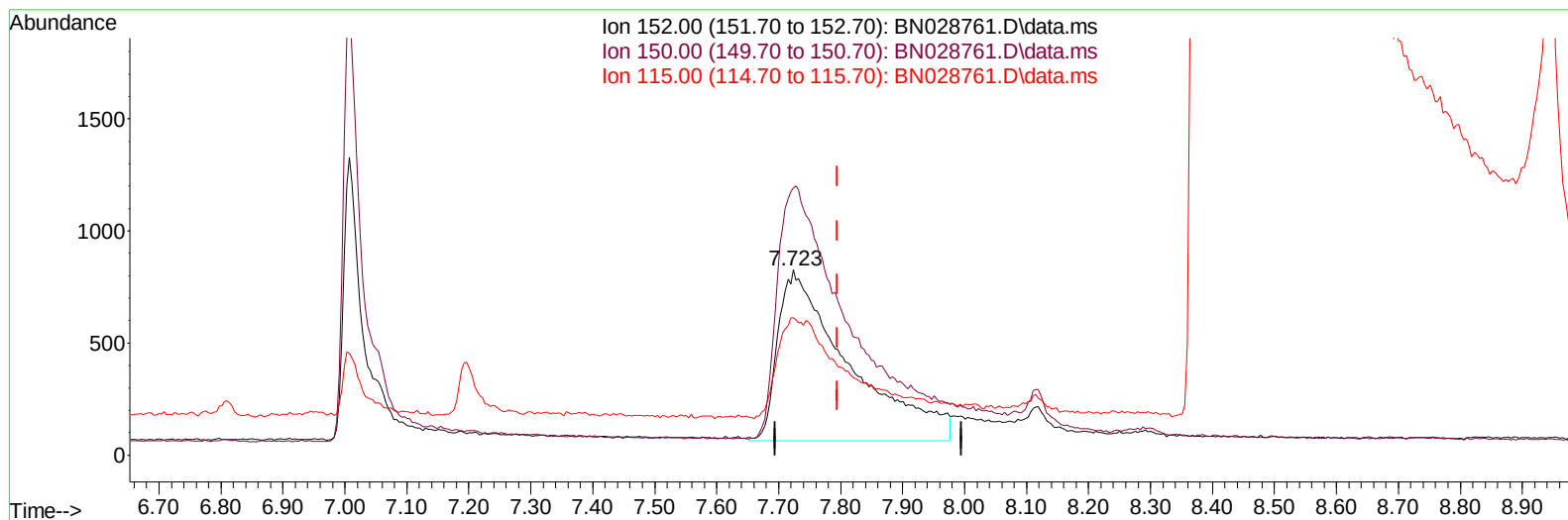
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Data File : BN028761.D
Acq On : 19 Nov 2023 05:05
Operator : MA/JU
Sample : 05370-01
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDP7

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/20/2023



TIC: BN028761.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.723min (-0.072) 0.40 ng/ul m

response 6040

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	144.26
115.00	62.20	74.12
0.00	0.00	0.00

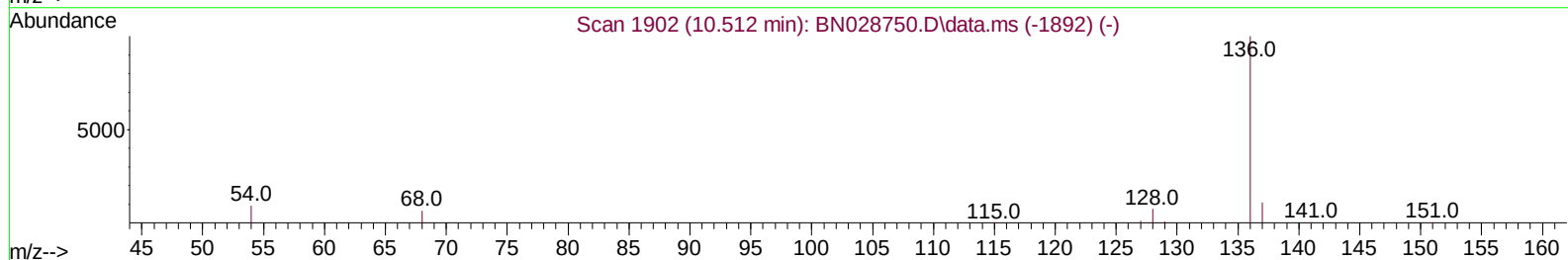
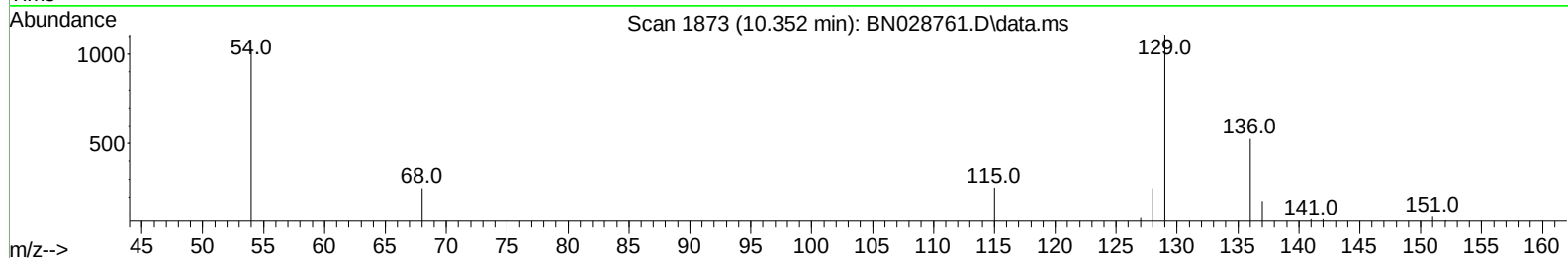
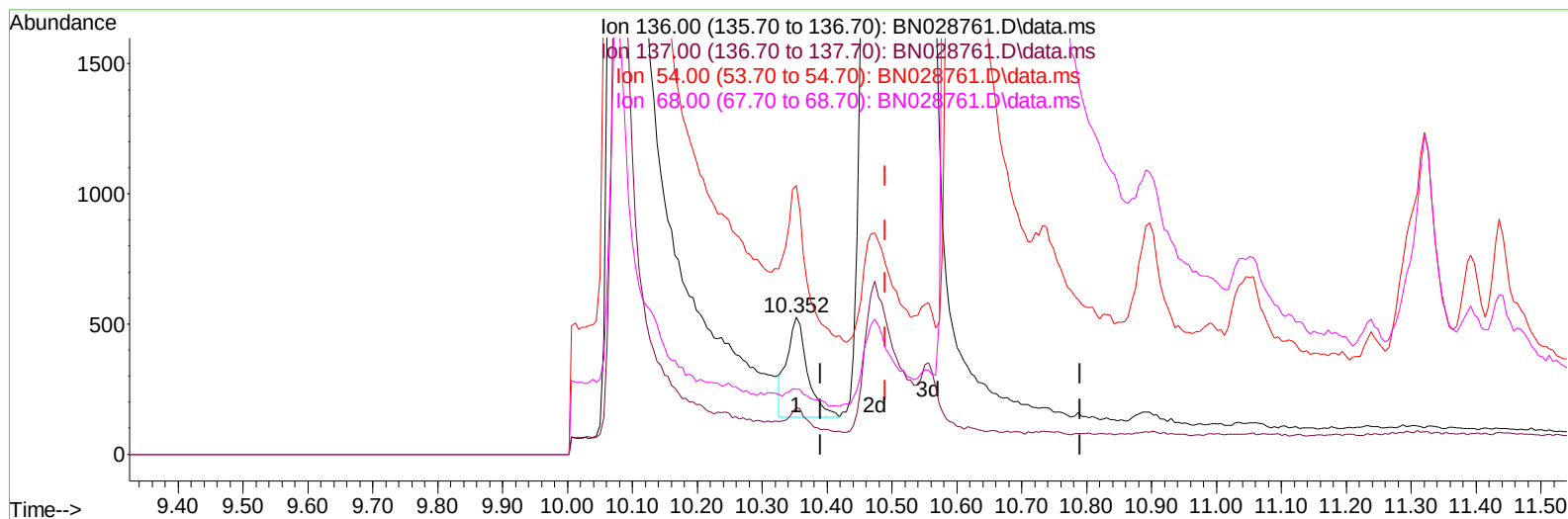
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Data File : BN028761.D
Acq On : 19 Nov 2023 05:05
Operator : MA/JU
Sample : 05370-01
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDP7

Manual IntegrationsAPPROVED

Quant Time: Nov 20 00:35:04 2023
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TIC: BN028761.D\data.ms

(4) Naphthalene-d8 (I)

10.352min (-0.137) 0.40 ng/u1

response 848

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	34.03#
54.00	9.00	196.01#
68.00	7.10	47.53#

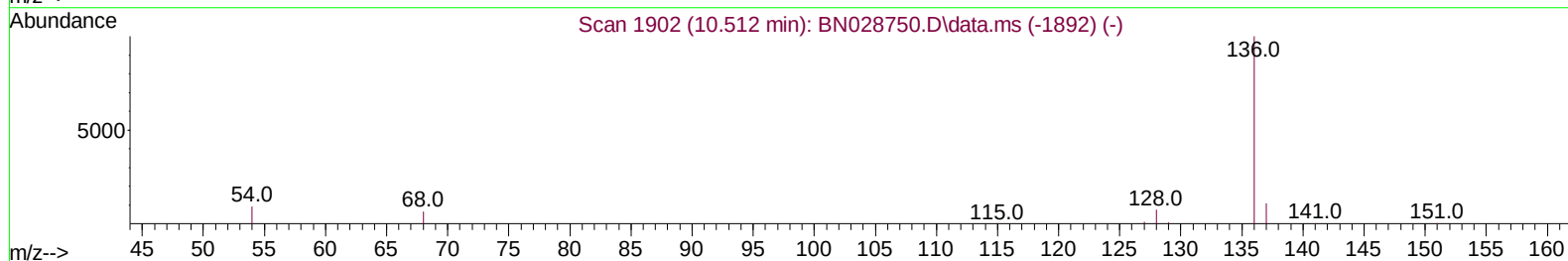
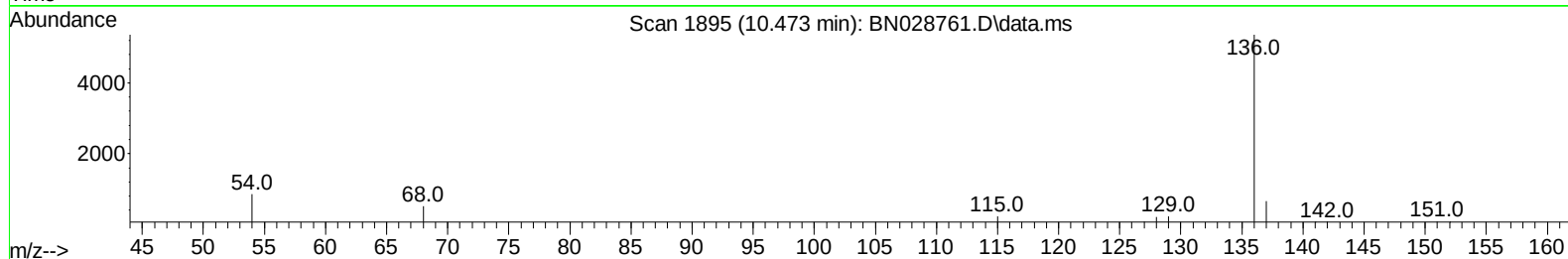
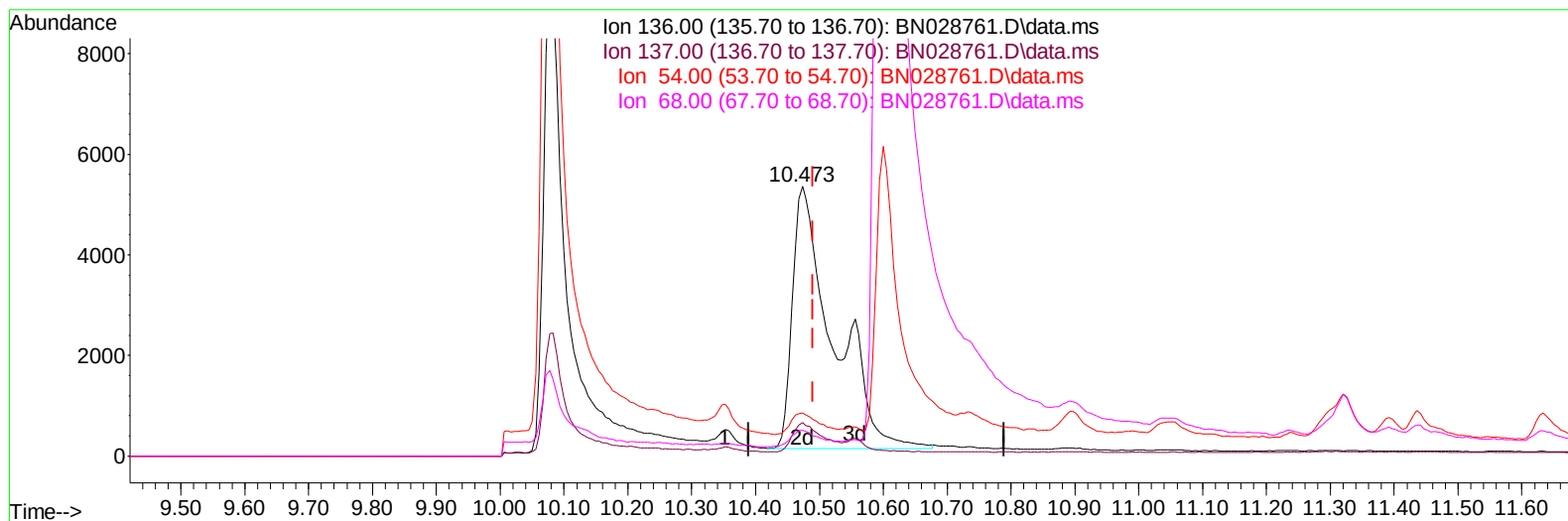
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028761.D
 Acq On : 19 Nov 2023 05:05
 Operator : MA/JU
 Sample : 05370-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDP7

Manual IntegrationsAPPROVED

Quant Time: Nov 20 00:35:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
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Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028761.D\data.ms

(4) Naphthalene-d8 (I)

10.473min (-0.016) 0.40 ng/ul m

response 23257

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.41
54.00	9.00	15.84#
68.00	7.10	9.66#

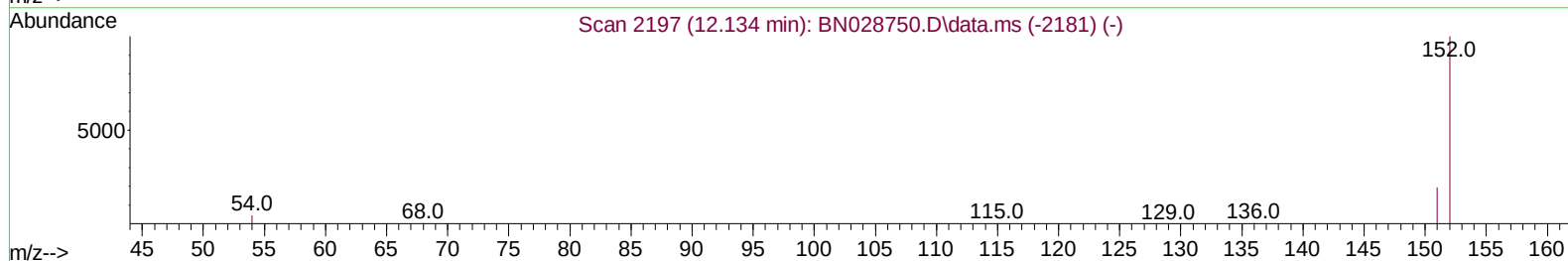
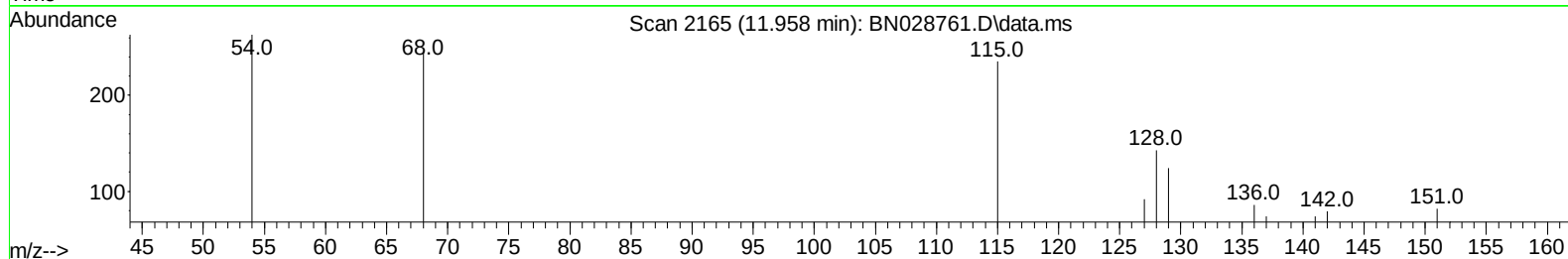
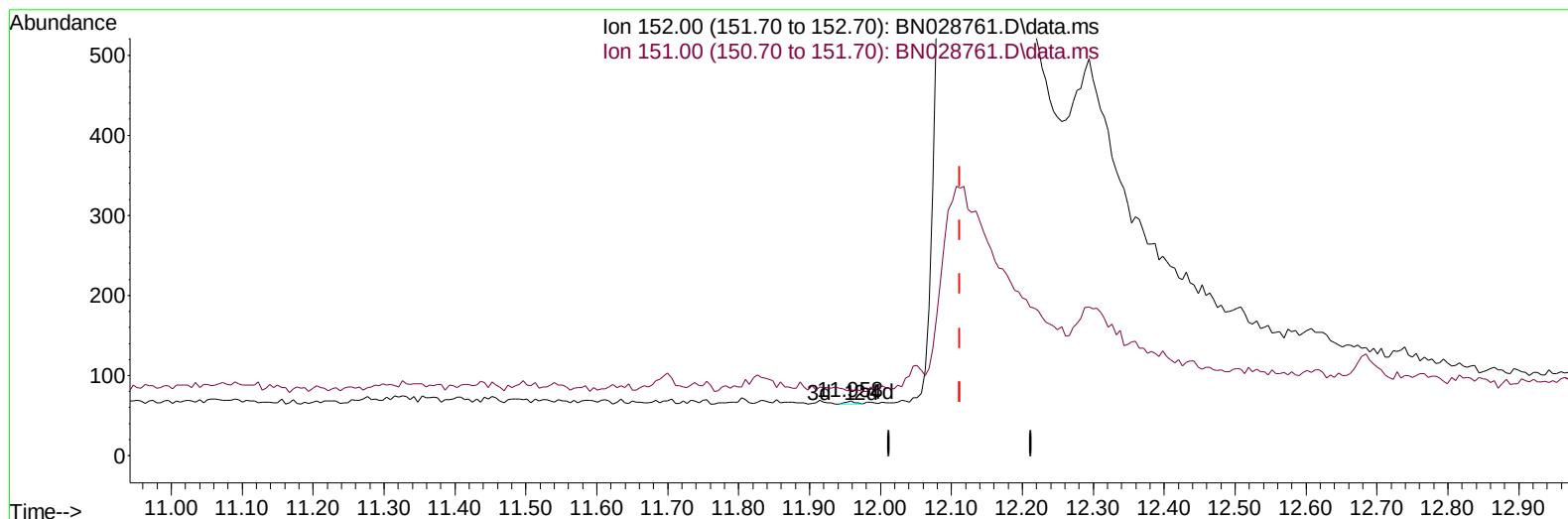
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028761.D
 Acq On : 19 Nov 2023 05:05
 Operator : MA/JU
 Sample : 05370-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDP7

Manual IntegrationsAPPROVED

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TIC: BN028761.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.958min (-0.154) 0.00 ng/u1

response 4

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

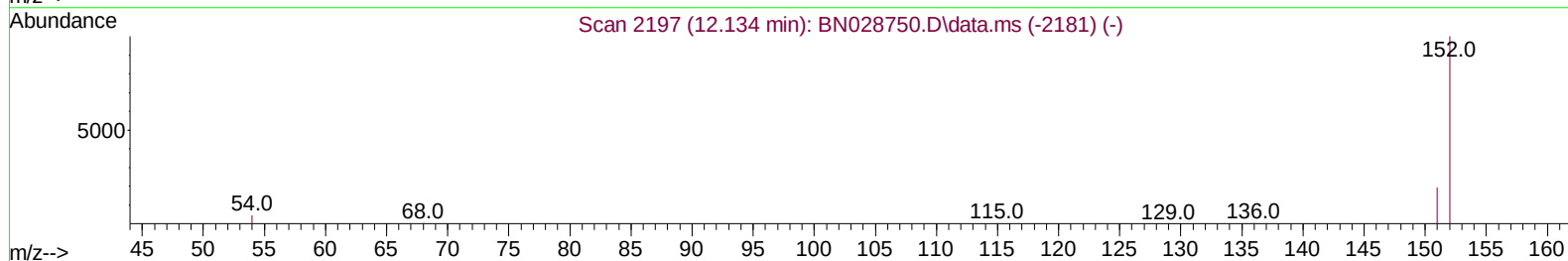
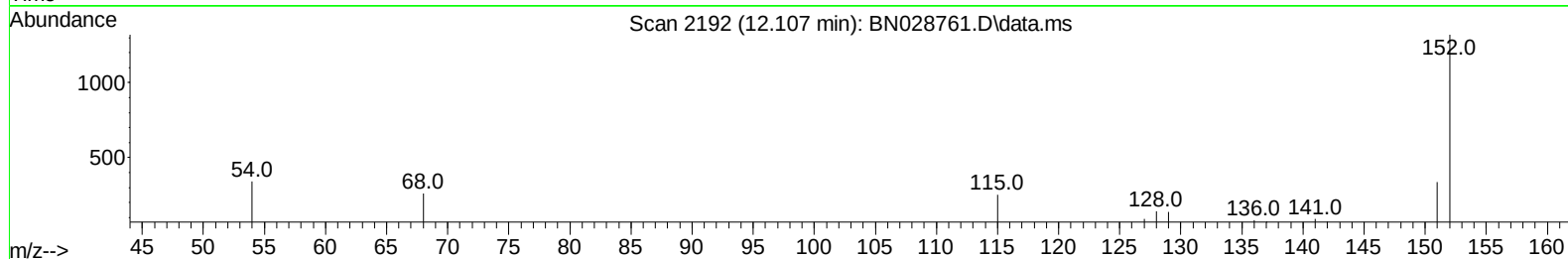
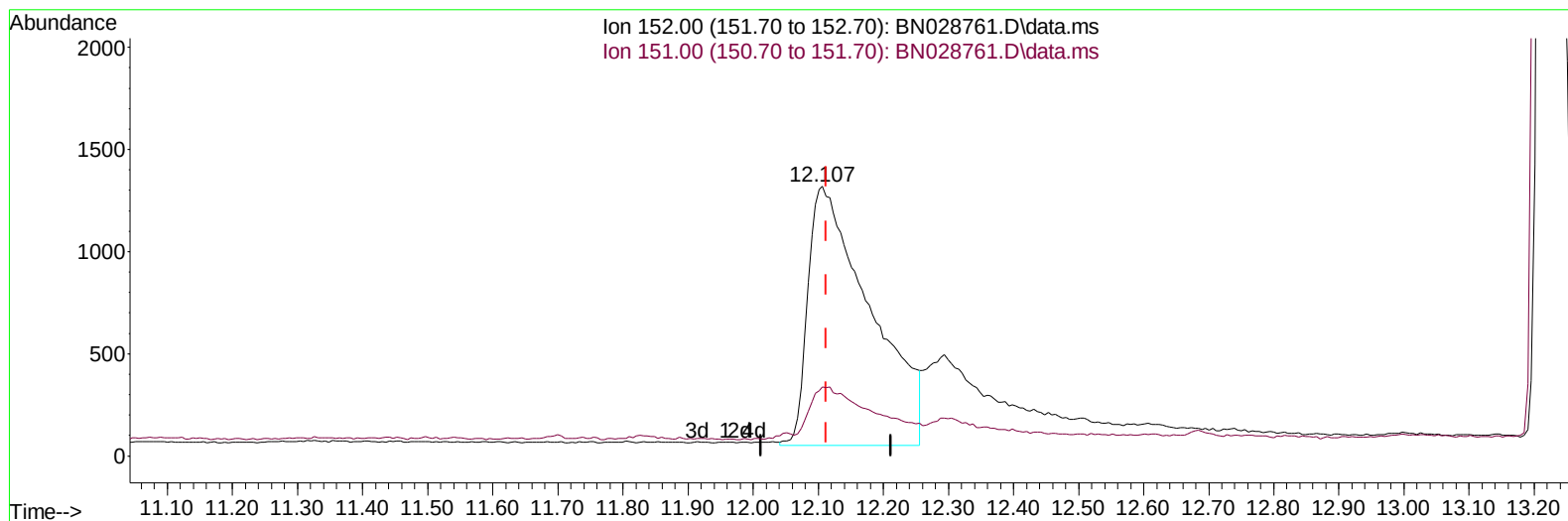
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 Data File : BN028761.D
 Acq On : 19 Nov 2023 05:05
 Operator : MA/JU
 Sample : 05370-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDP7

Manual IntegrationsAPPROVED

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TIC: BN028761.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.107min (-0.005) 0.24 ng/ul m

response 8442

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

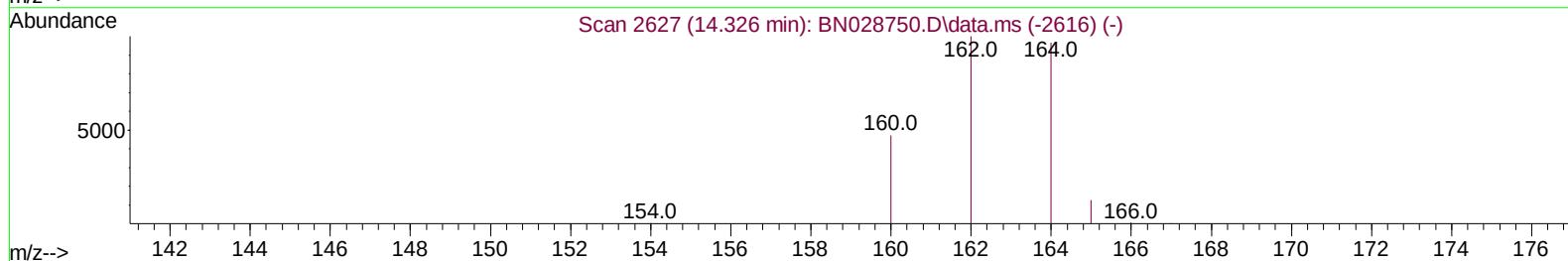
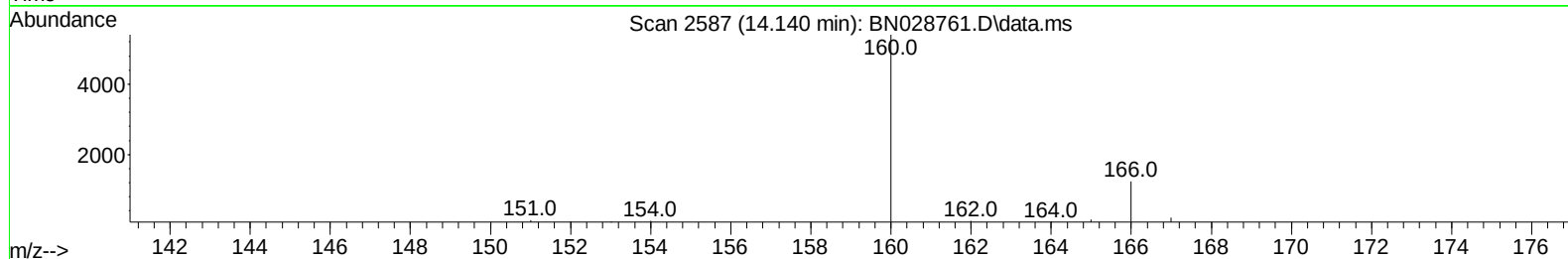
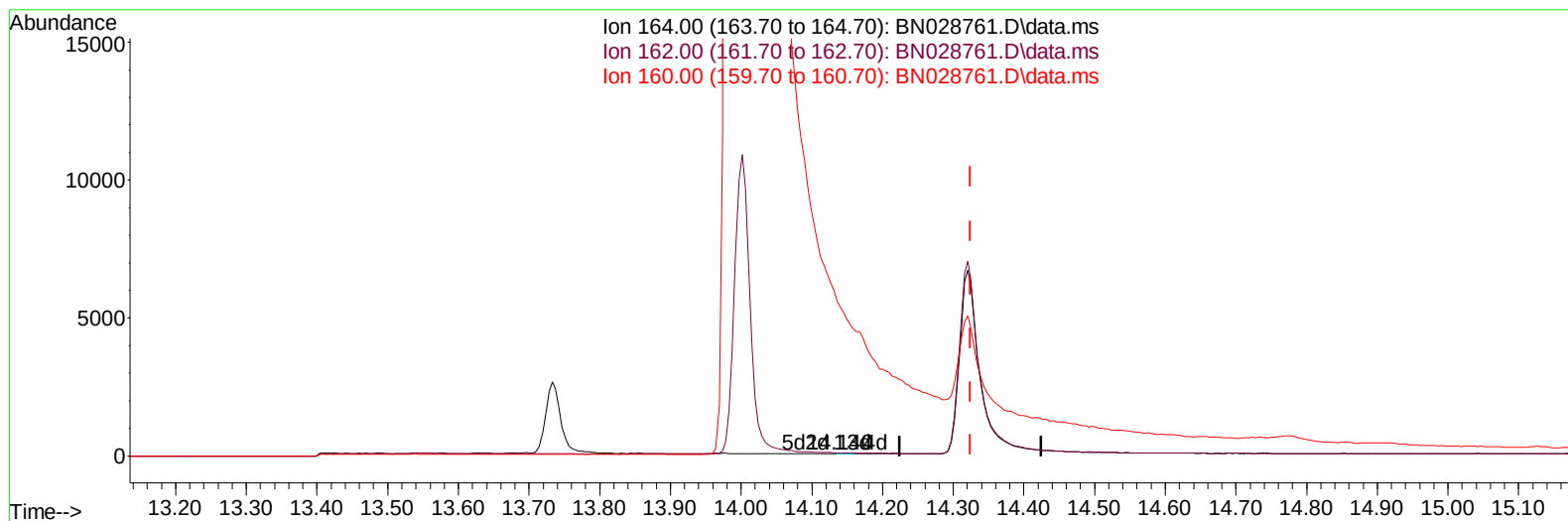
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 Data File : BN028761.D
 Acq On : 19 Nov 2023 05:05
 Operator : MA/JU
 Sample : 05370-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDP7

Manual IntegrationsAPPROVED

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TIC: BN028761.D\data.ms

(9) Acenaphthene-d10 (I)

14.140min (-0.185) 0.40 ng/u1

response 6

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	137.04#
160.00	49.20	6675.31#
0.00	0.00	0.00

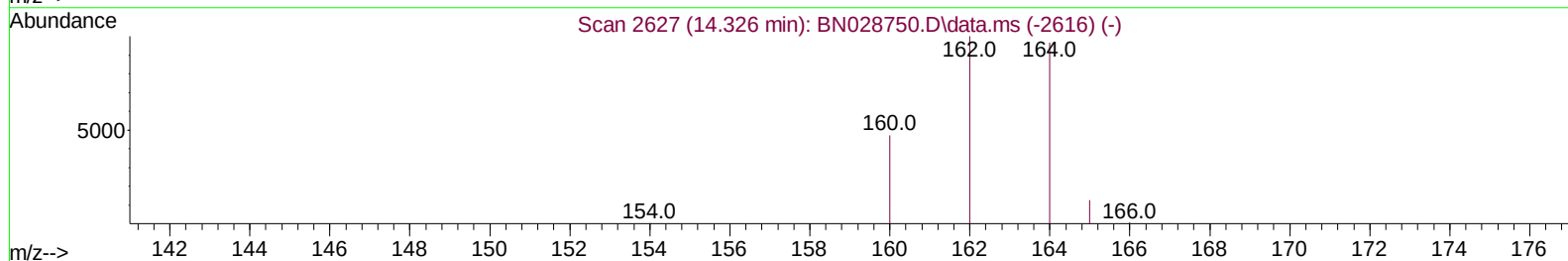
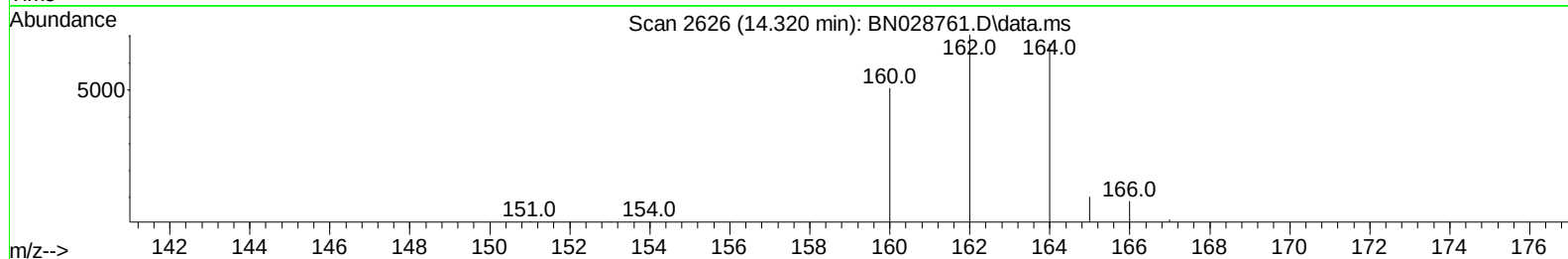
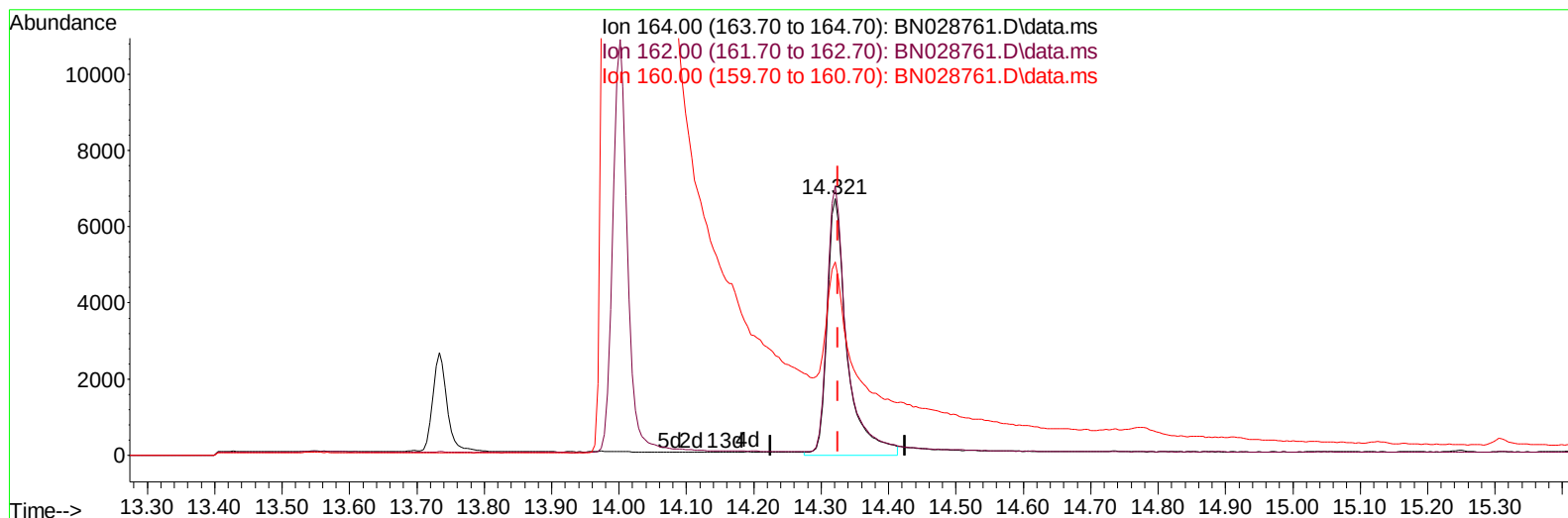
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 Data File : BN028761.D
 Acq On : 19 Nov 2023 05:05
 Operator : MA/JU
 Sample : 05370-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDP7

Manual IntegrationsAPPROVED

Quant Time: Nov 20 00:35:04 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028761.D\data.ms

(9) Acenaphthene-d10 (I)

14.320min (-0.005) 0.40 ng/ul m

response 13849

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	104.90
160.00	49.20	75.24#
0.00	0.00	0.00

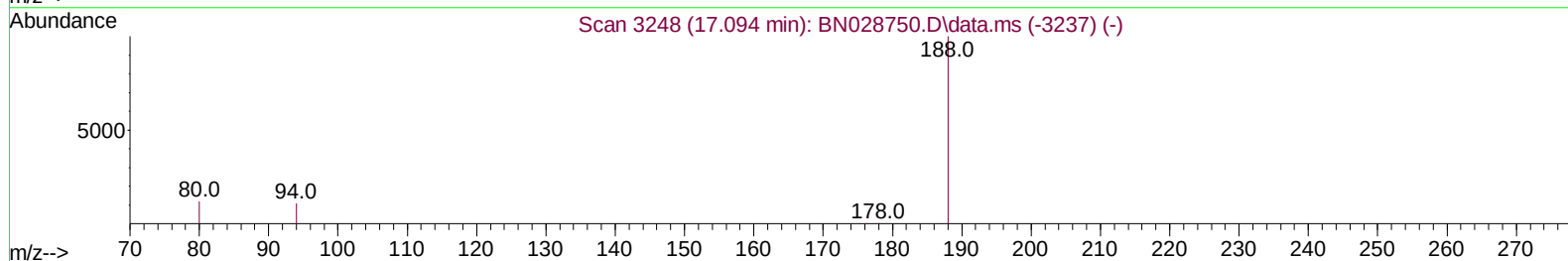
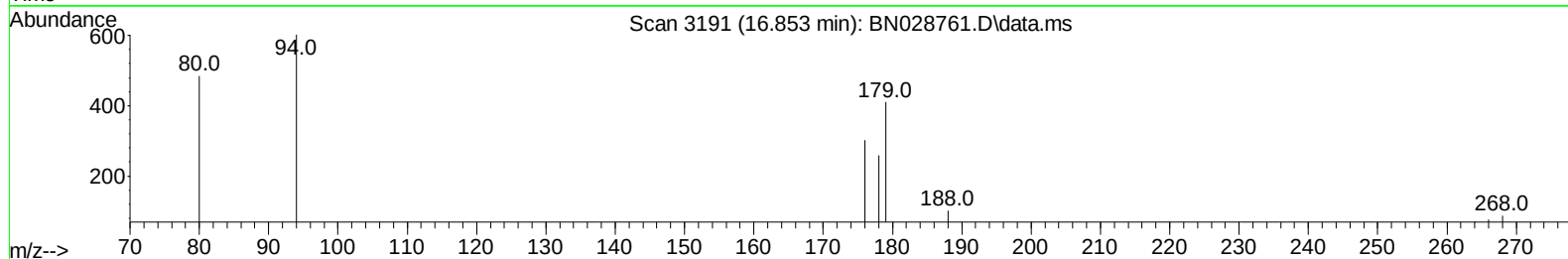
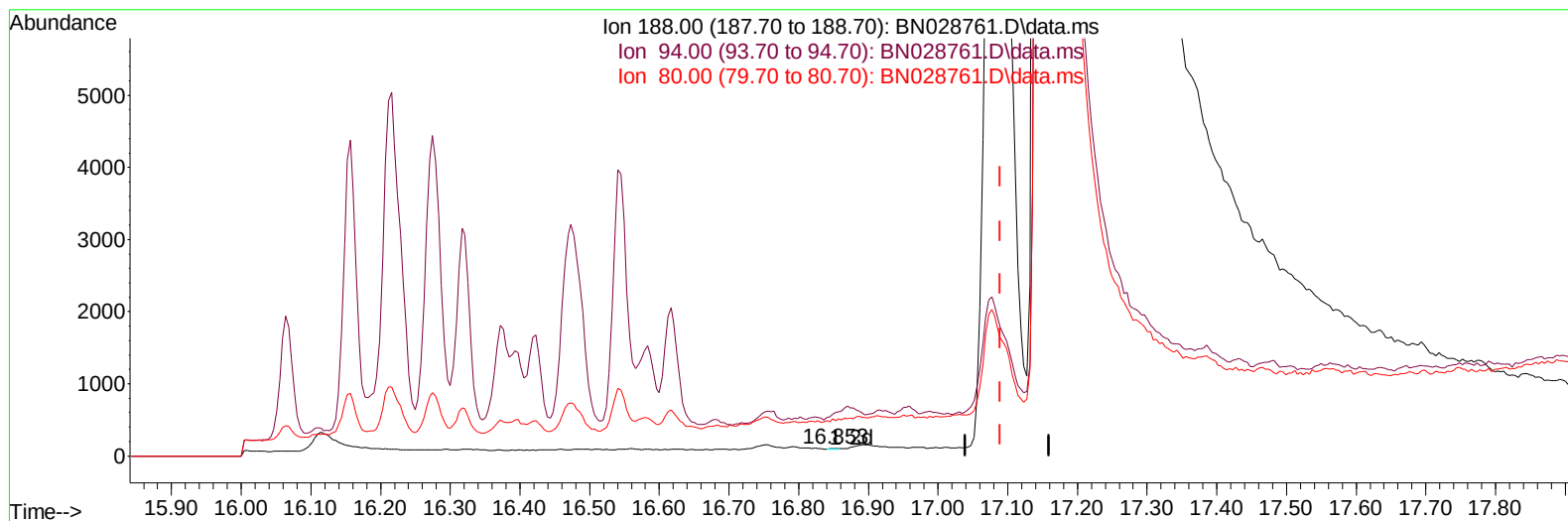
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028761.D
 Acq On : 19 Nov 2023 05:05
 Operator : MA/JU
 Sample : 05370-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDP7

Manual IntegrationsAPPROVED

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TIC: BN028761.D\data.ms

(13) Phenanthrene-d10 (I)

16.853min (-0.236) 0.40 ng/u1

response 4

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	590.20#
80.00	10.90	475.49#
0.00	0.00	0.00

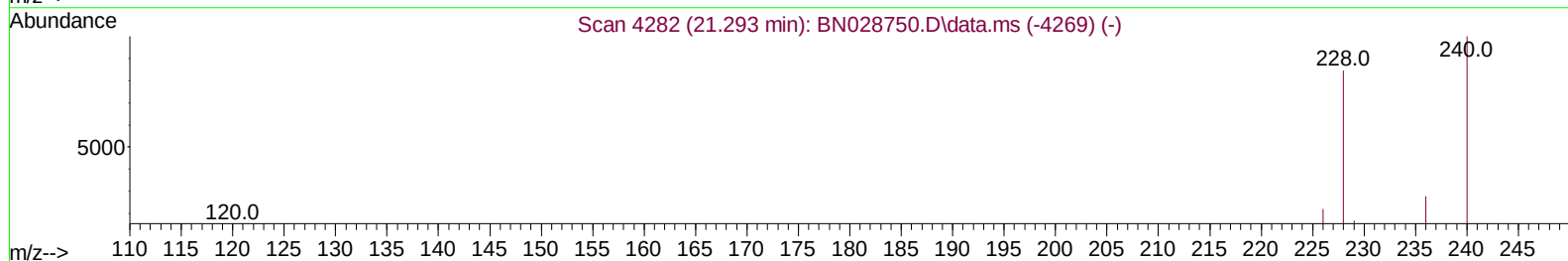
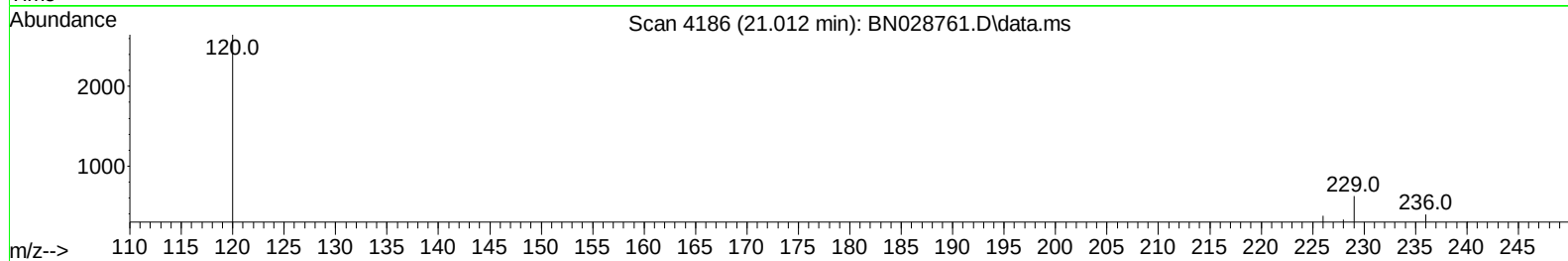
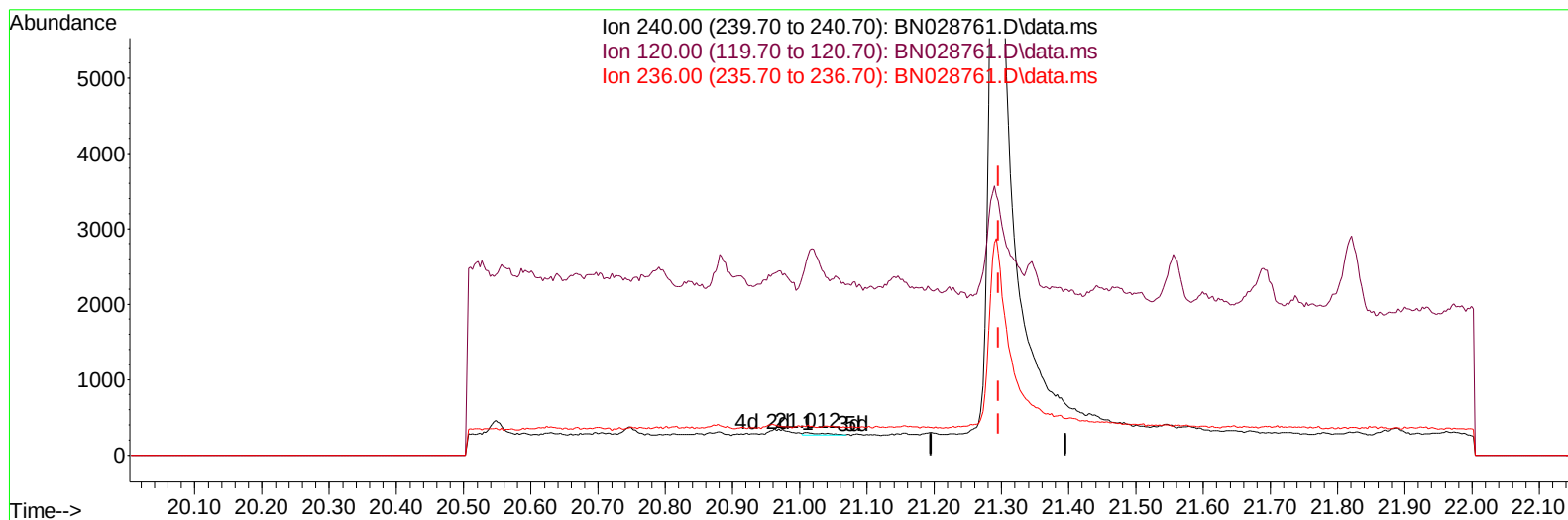
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 Acq On : 19 Nov 2023 05:05
 Operator : MA/JU
 Sample : 05370-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028761.D\data.ms

(17) Chrysene-d12

21.012min (-0.283) 0.40 ng/u1

response 57

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	885.28#
236.00	28.00	132.44#
0.00	0.00	0.00

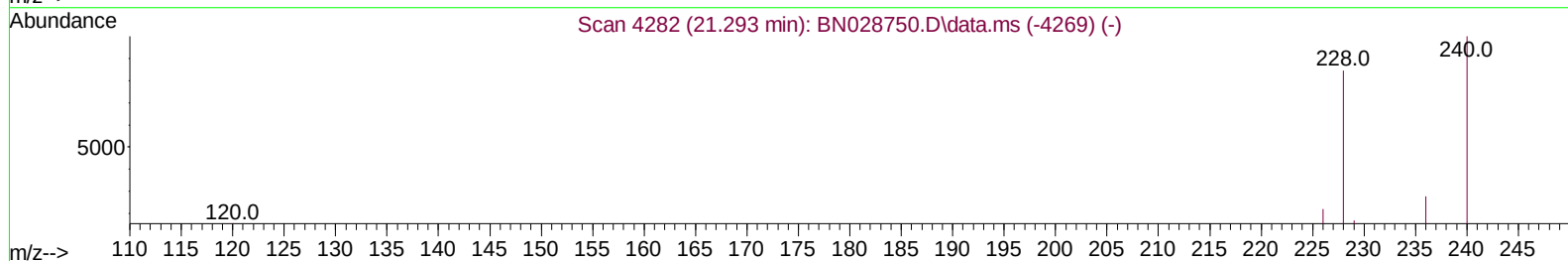
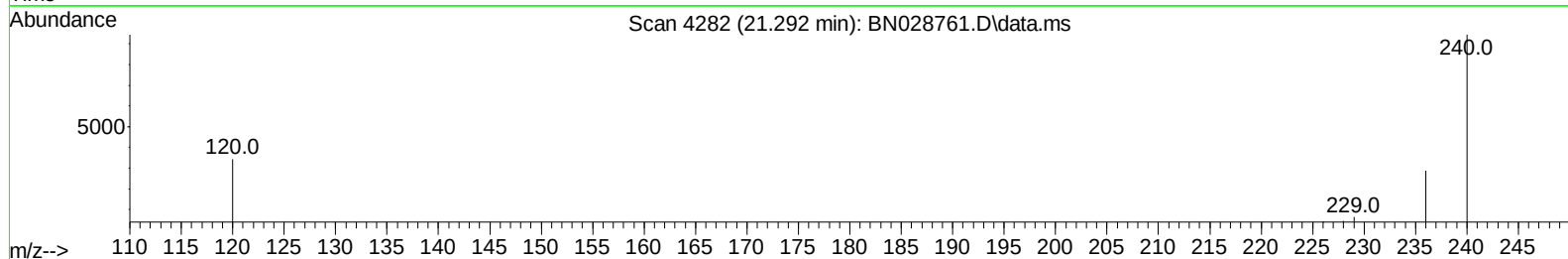
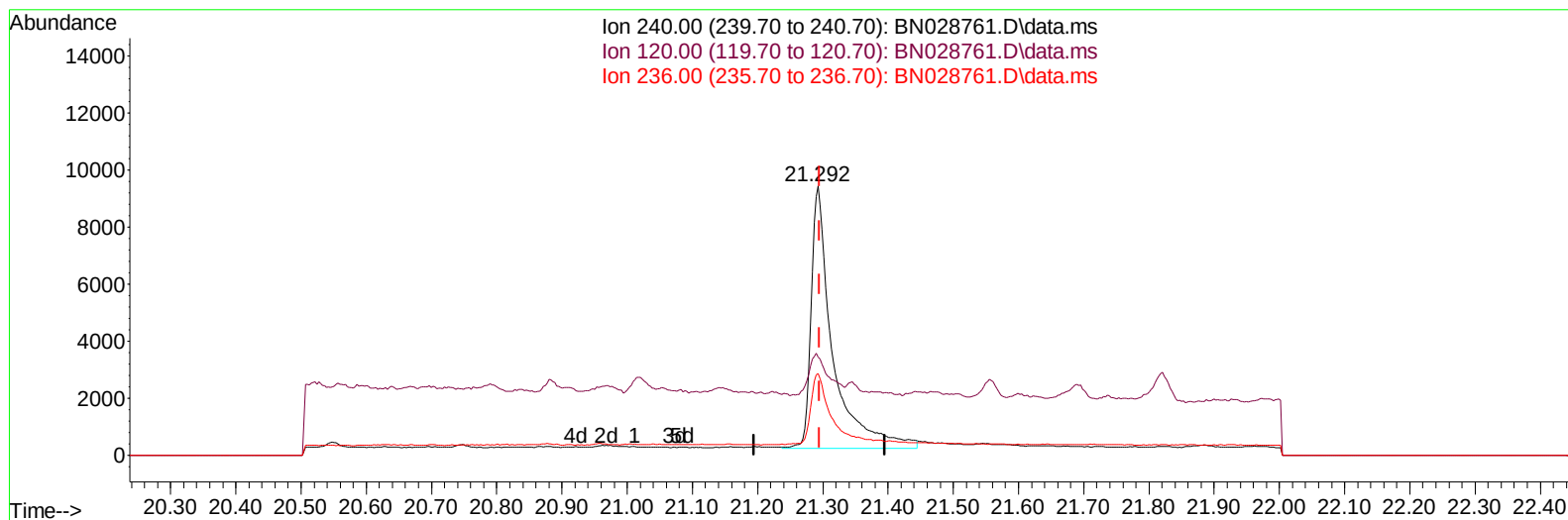
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Data File : BN028761.D
Acq On : 19 Nov 2023 05:05
Operator : MA/JU
Sample : 05370-01
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDP7

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/20/2023



TIC: BN028761.D\data.ms

(17) Chrysene-d12

21.292min (-0.003) 0.40 ng/ul m

response 21174

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	36.44#
236.00	28.00	30.37
0.00	0.00	0.00

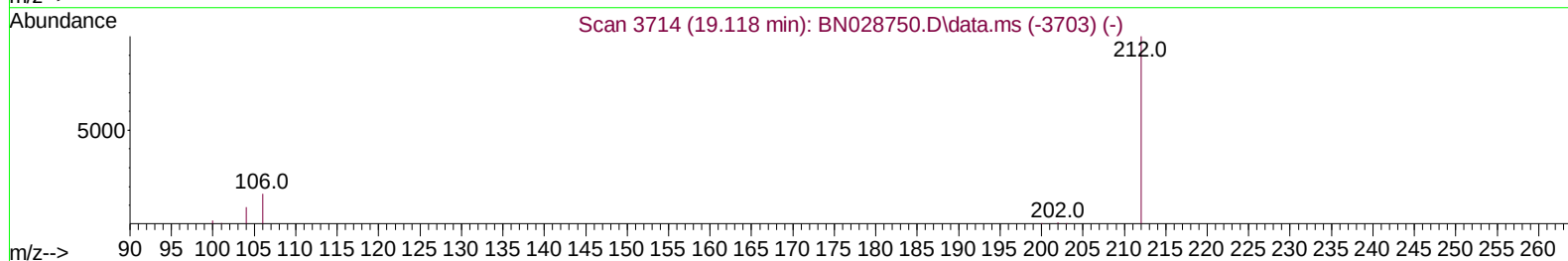
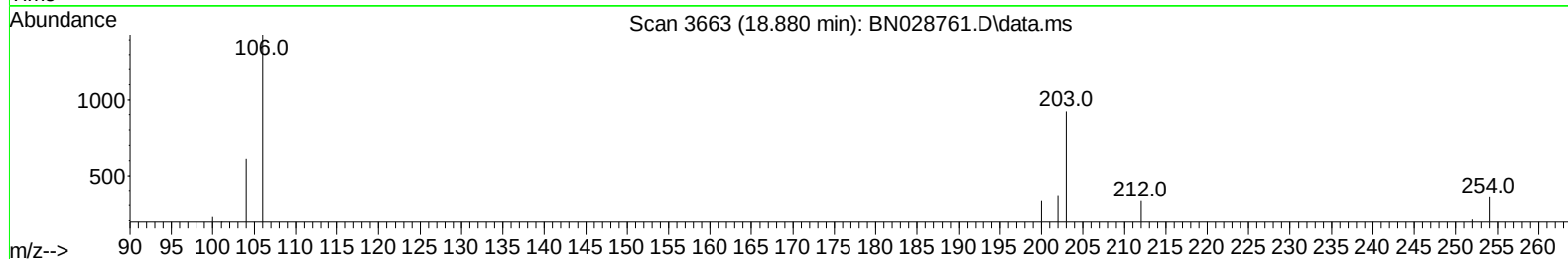
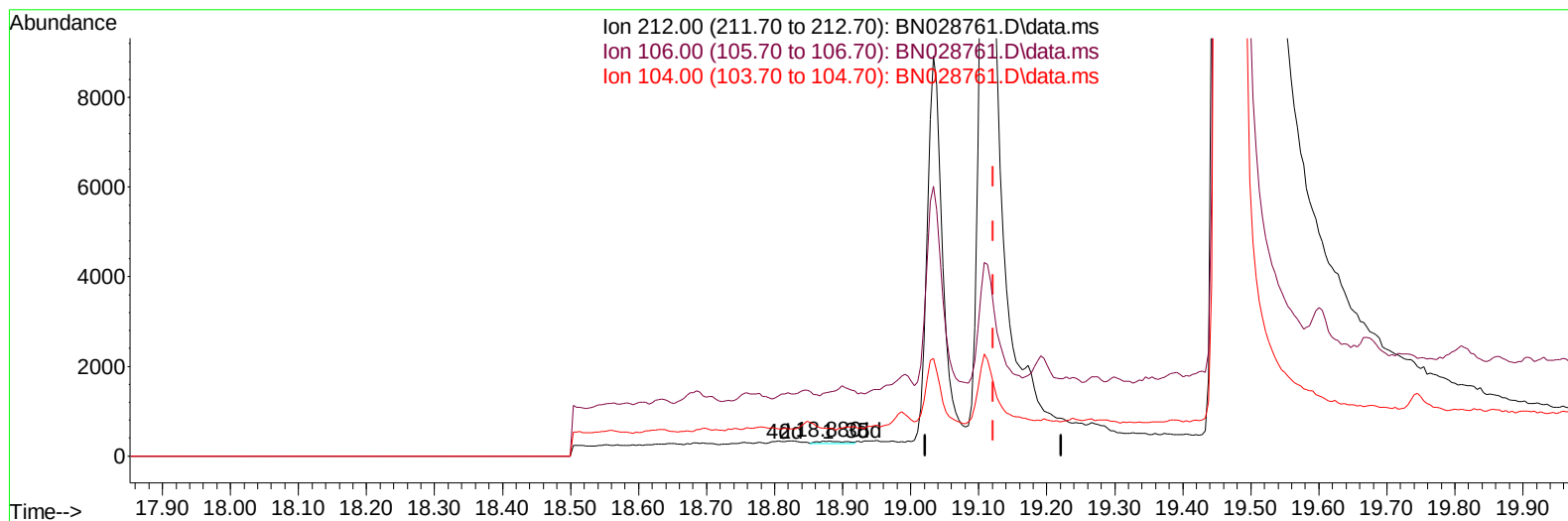
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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Sample : 05370-01
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN028761.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.880min (-0.242) 0.00 ng/u1

response 130

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	349.23#
104.00	8.30	0.00#
0.00	0.00	0.00

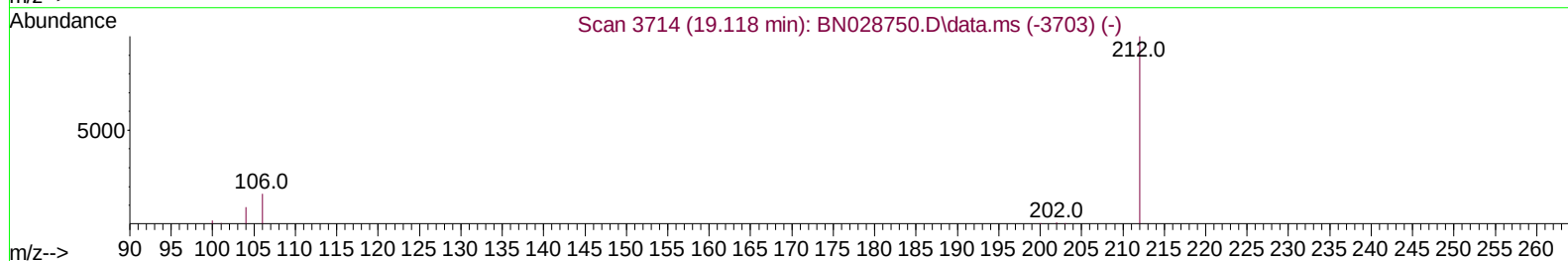
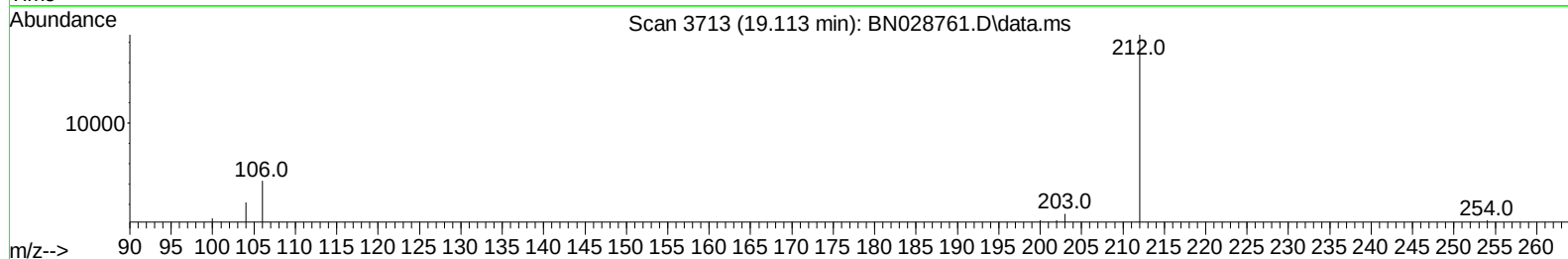
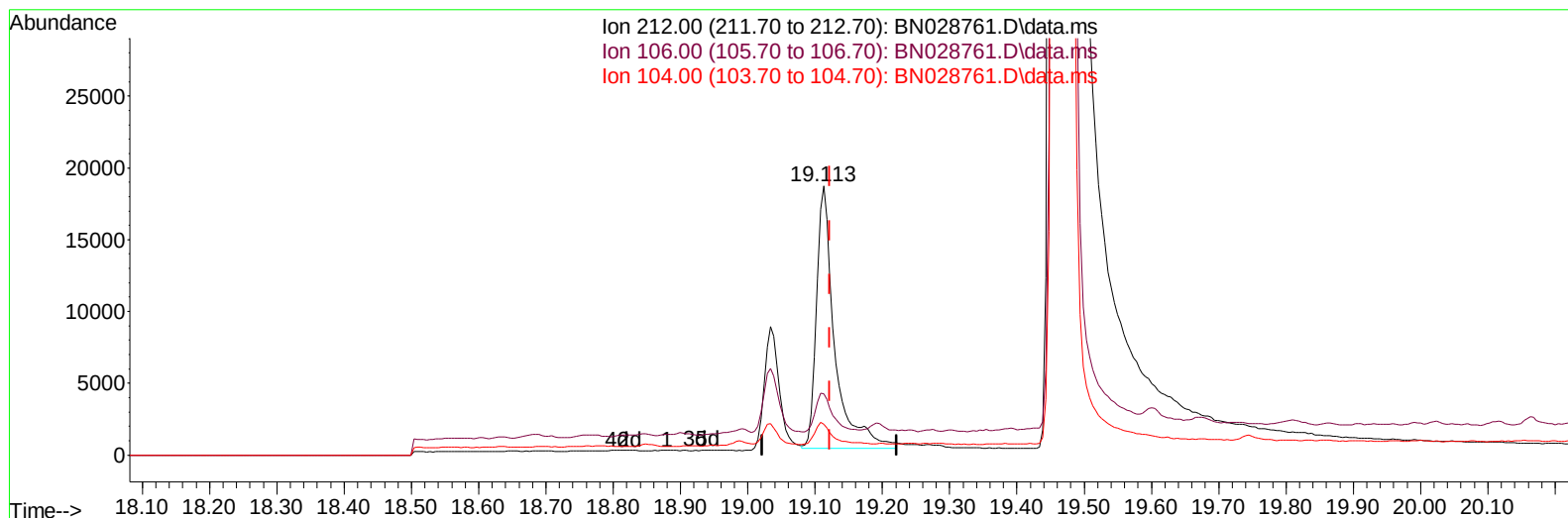
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 Acq On : 19 Nov 2023 05:05
 Operator : MA/JU
 Sample : 05370-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDP7

Manual IntegrationsAPPROVED

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TIC: BN028761.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.113min (-0.009) 0.51 ng/ul m

response 34692

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	1.31#
104.00	8.30	0.00#
0.00	0.00	0.00

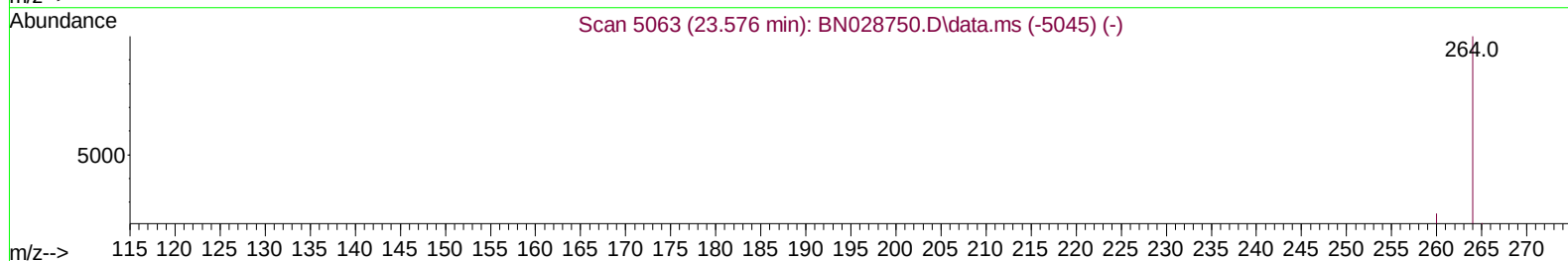
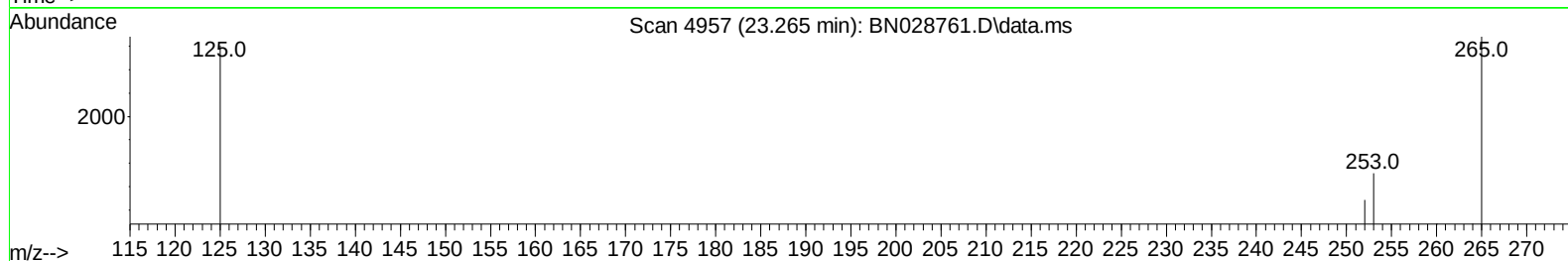
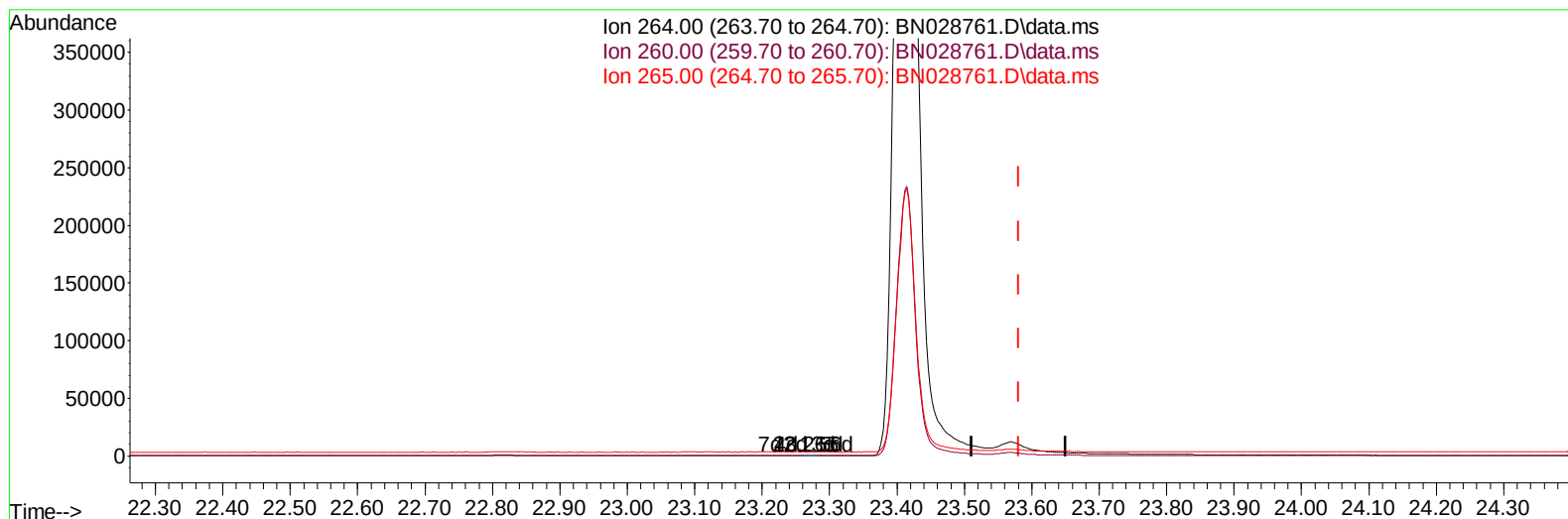
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028761.D
 Acq On : 19 Nov 2023 05:05
 Operator : MA/JU
 Sample : 05370-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDP7

Manual IntegrationsAPPROVED

Quant Time: Nov 20 00:35:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028761.D\data.ms

(23) Perylene-d12 (I)

23.265min (-0.316) 0.40 ng/ul

response 11

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	95.18#
265.00	38.80	2027.71#
0.00	0.00	0.00

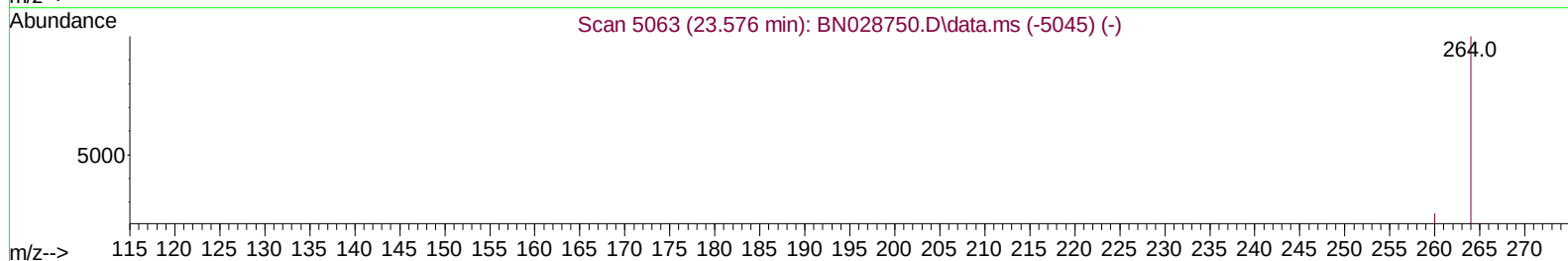
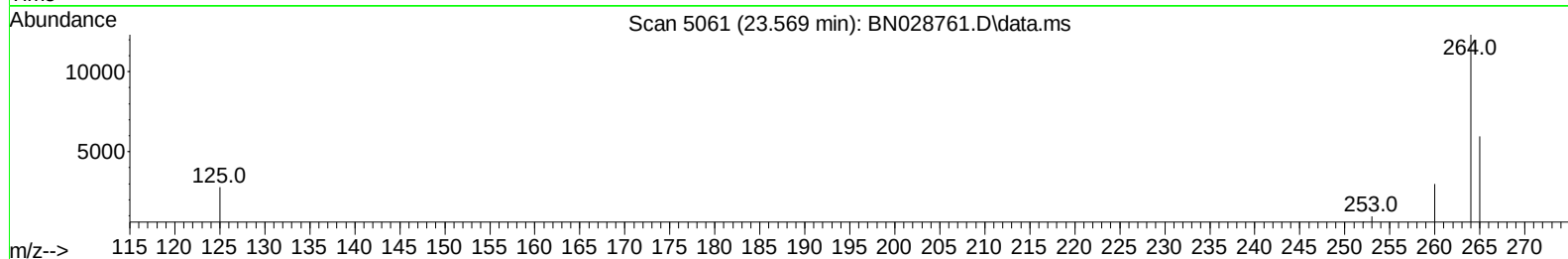
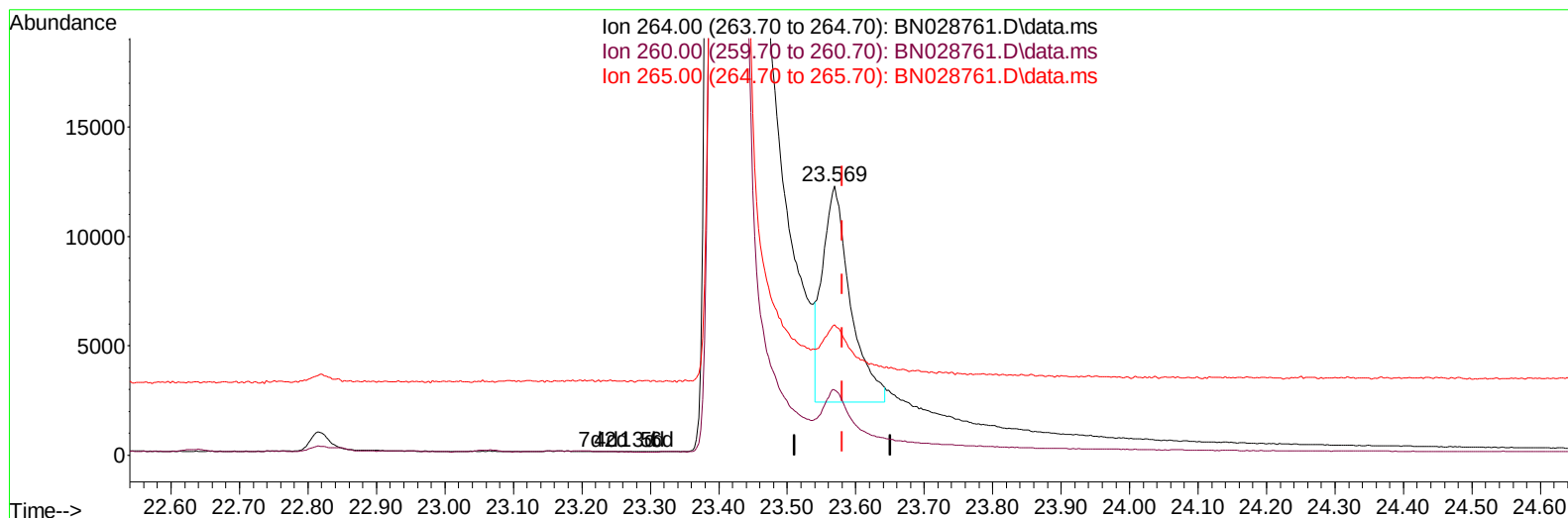
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028761.D
 Acq On : 19 Nov 2023 05:05
 Operator : MA/JU
 Sample : 05370-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDP7

Manual IntegrationsAPPROVED

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Quant Time: Nov 20 00:35:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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 QLast Update : Fri Nov 17 09:39:27 2023
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TIC: BN028761.D\data.ms

(23) Perylene-d12 (I)

23.569min (-0.012) 0.40 ng/ul m

response 27893

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	24.20
265.00	38.80	48.46#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028761.D
 Acq On : 19 Nov 2023 05:05
 Operator : MA/JU
 Sample : 05370-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDP7

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.723	152	6040m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.473	136	23257m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.320	164	13849m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.081	188	27731m	0.400	ng/ul	0.00
17) Chrysene-d12	21.292	240	21174m	0.400	ng/ul	0.00
23) Perylene-d12	23.569	264	27893m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	31048	4.651	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.107	152	8442m	0.241	ng/ul	0.00
18) Fluoranthene-d10	19.113	212	34692m	0.509	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.150	88	2182	0.296	ng/ul#	77

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

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Manual IntegrationsAPPROVED

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