

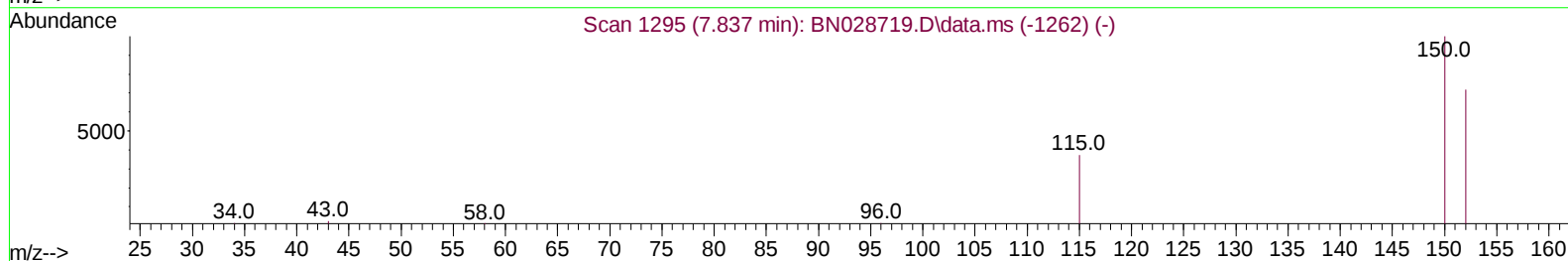
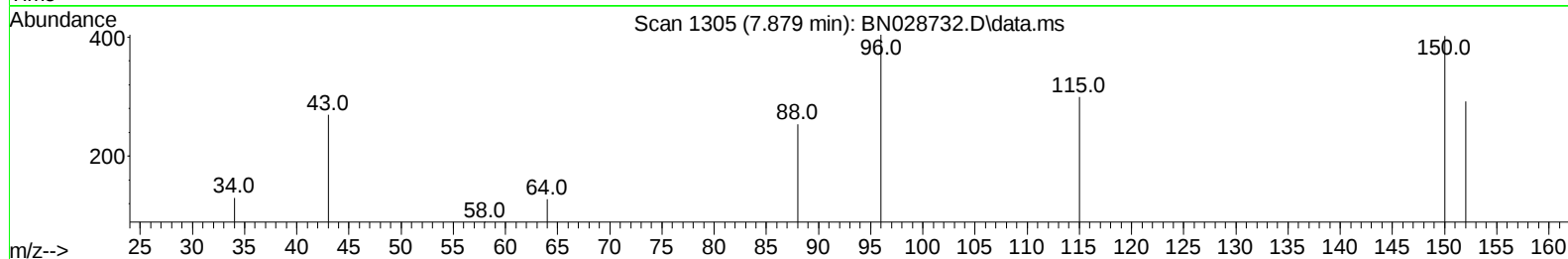
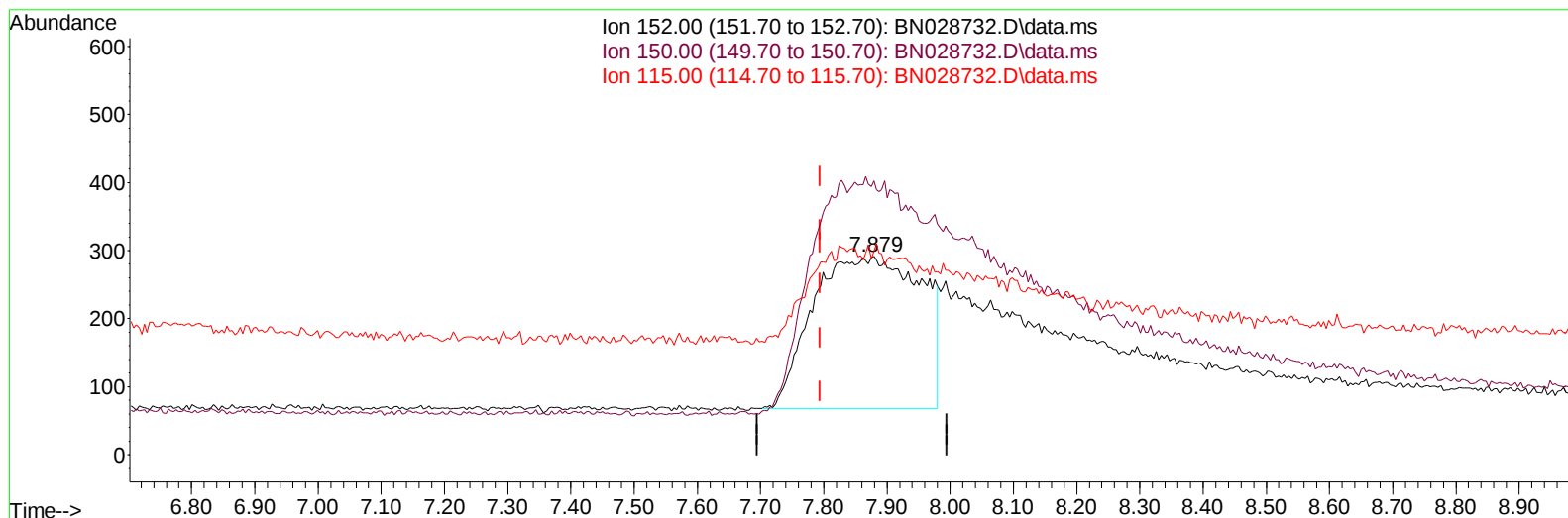
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028732.D
Acq On : 18 Nov 2023 10:31
Operator : MA/JU
Sample : PB157214BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS214

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:01:16 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 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028732.D\data.ms

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

7.879min (+ 0.084) 0.40 ng/u1

response 2668

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	137.67
115.00	62.20	102.40#
0.00	0.00	0.00

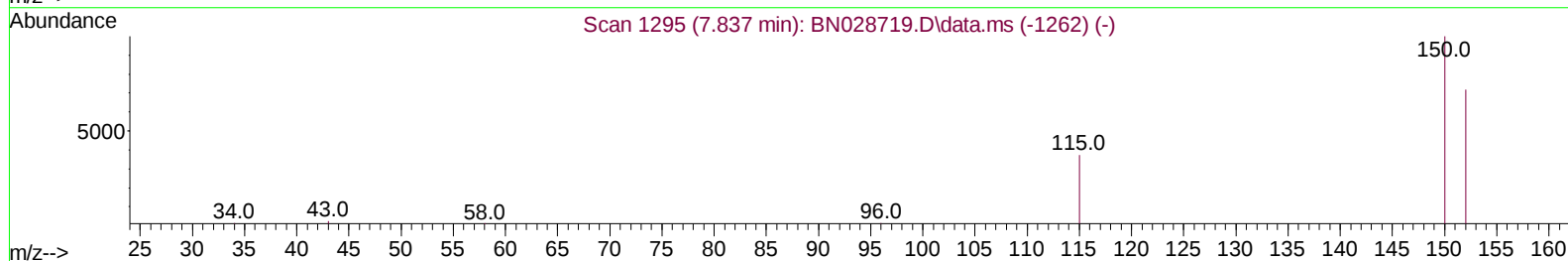
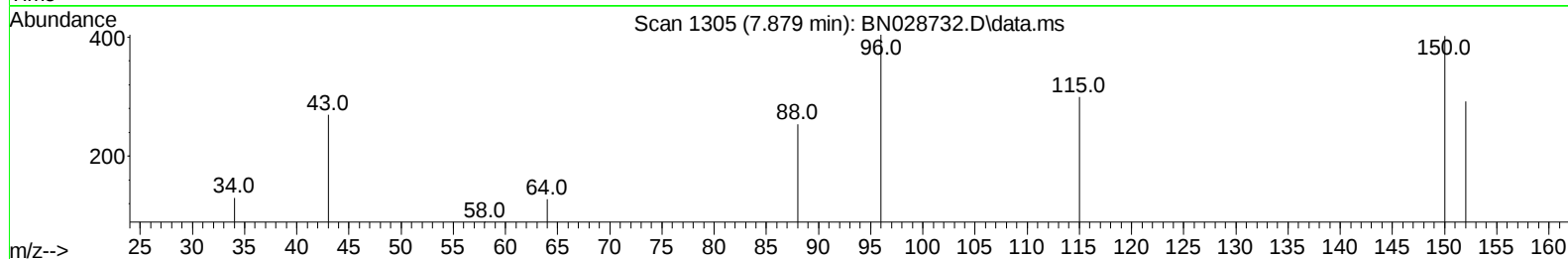
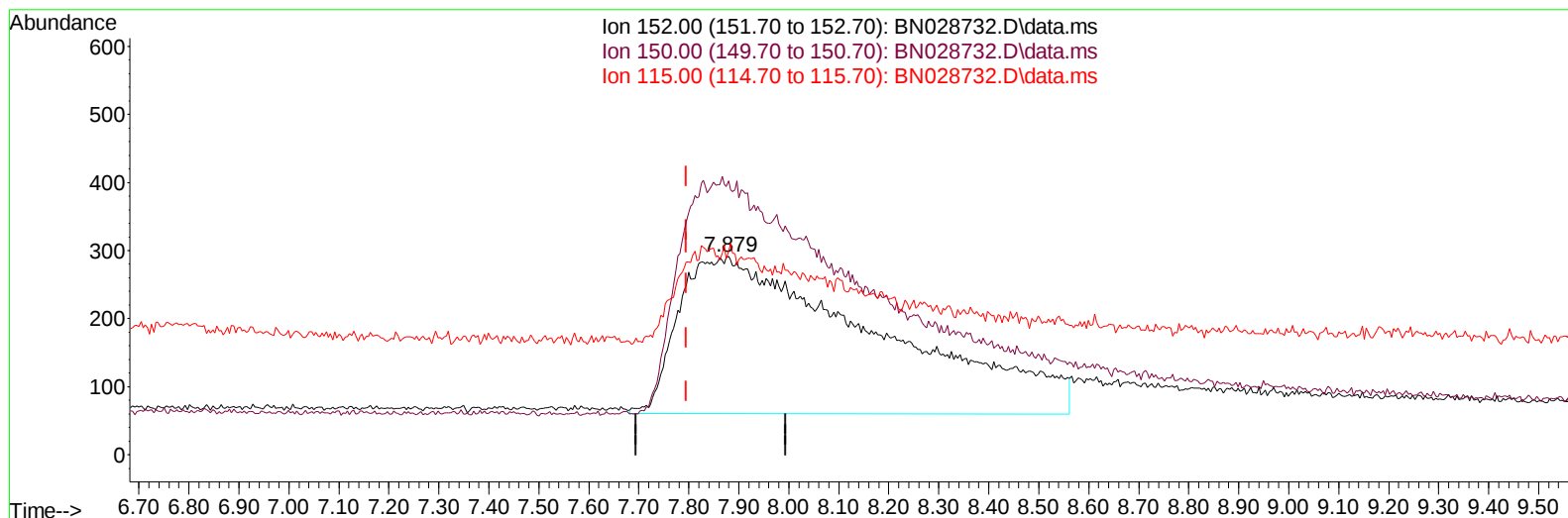
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028732.D
Acq On : 18 Nov 2023 10:31
Operator : MA/JU
Sample : PB157214BS
Misc :
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Instrument :
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ClientSampleId :
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TIC: BN028732.D\data.ms

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

7.879min (+ 0.084) 0.40 ng/ul m

response 6379

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	137.67
115.00	62.20	102.40#
0.00	0.00	0.00

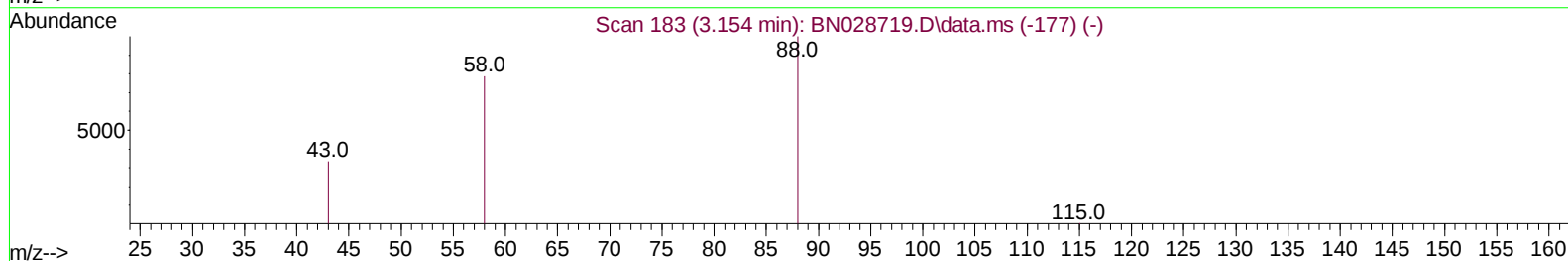
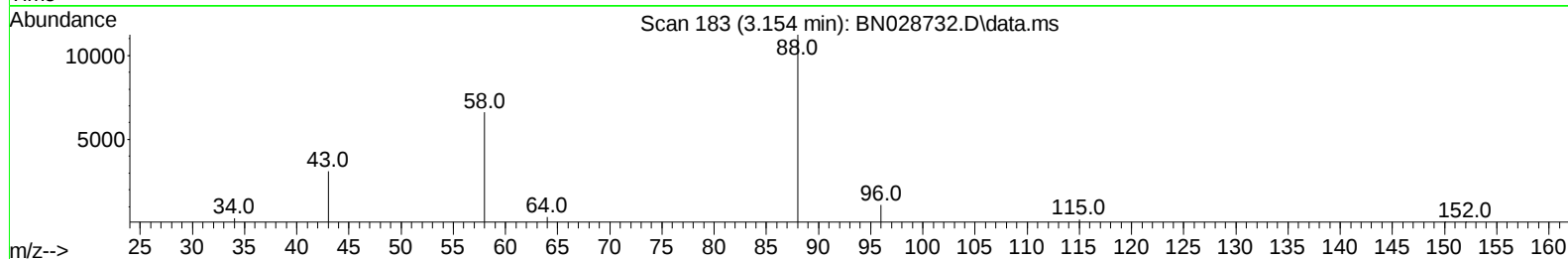
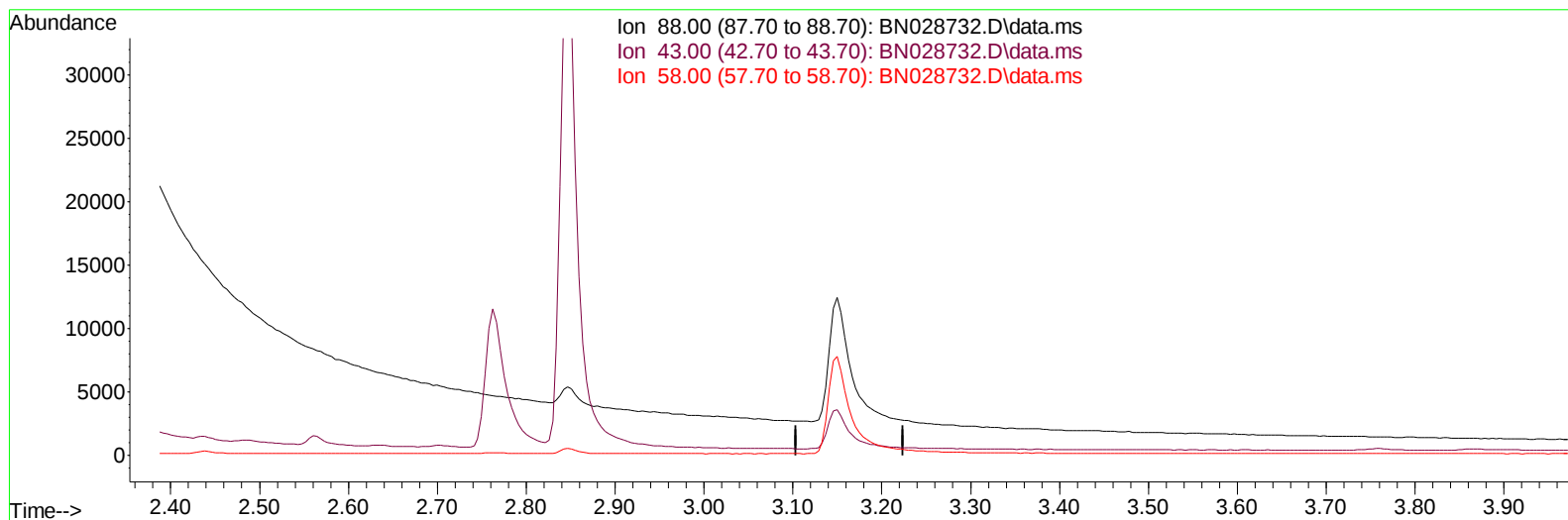
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TIC: BN028732.D\data.ms

(2) 1,4-Dioxane

3.154min (-3.154) 0.00 ng/ul

response 0

Ion	Exp%	Act%
88.00	100.00	0.00
43.00	41.10	0.00#
58.00	52.30	0.00#
0.00	0.00	0.00

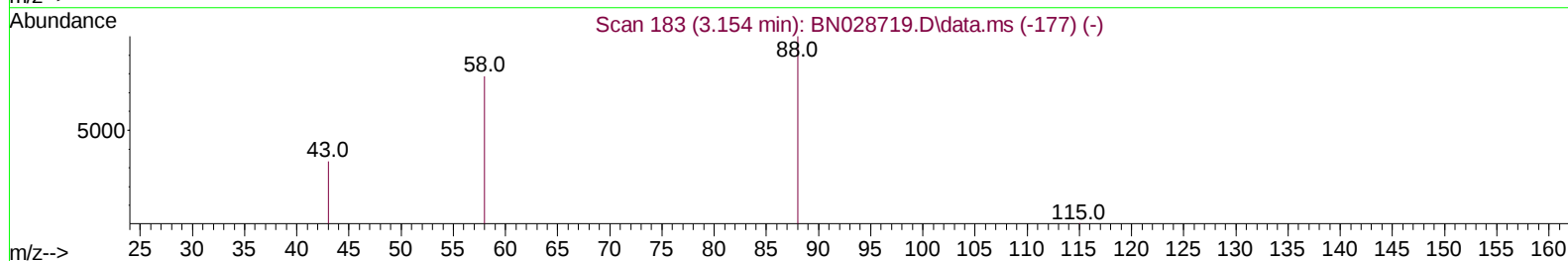
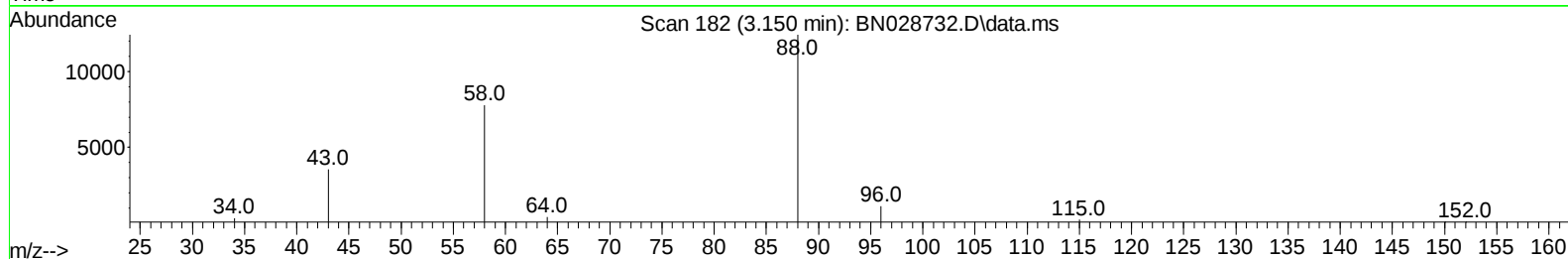
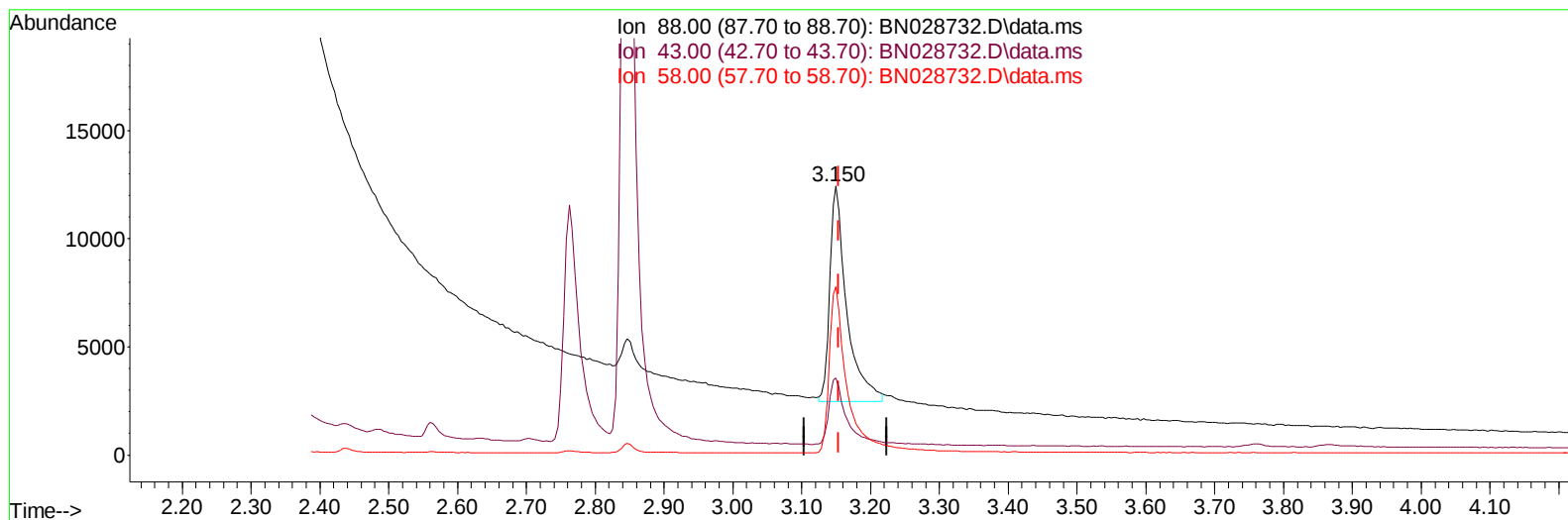
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028732.D
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 Operator : MA/JU
 Sample : PB157214BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
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TIC: BN028732.D\data.ms

(2) 1,4-Dioxane

3.150min (-0.004) 2.17 ng/ul m

response 16933

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	28.67#
58.00	52.30	62.65
0.00	0.00	0.00

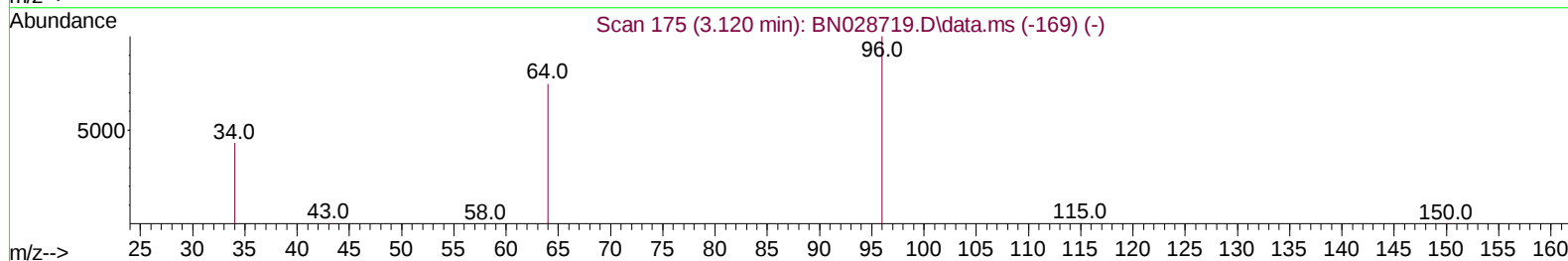
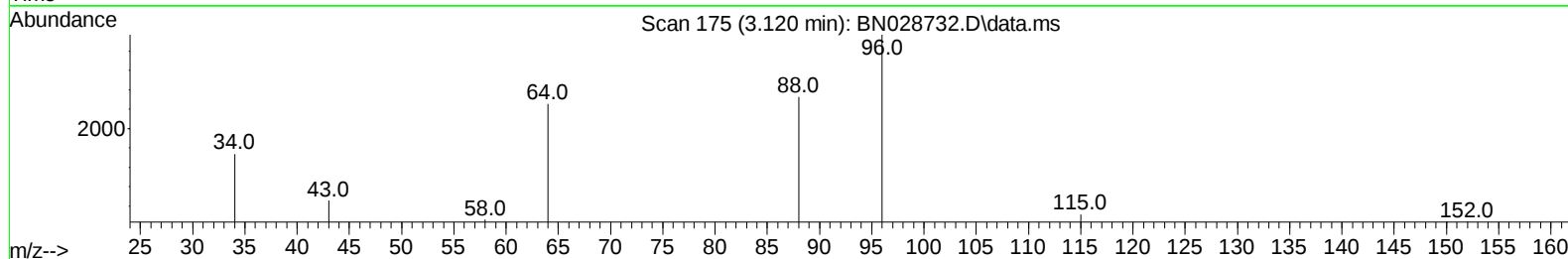
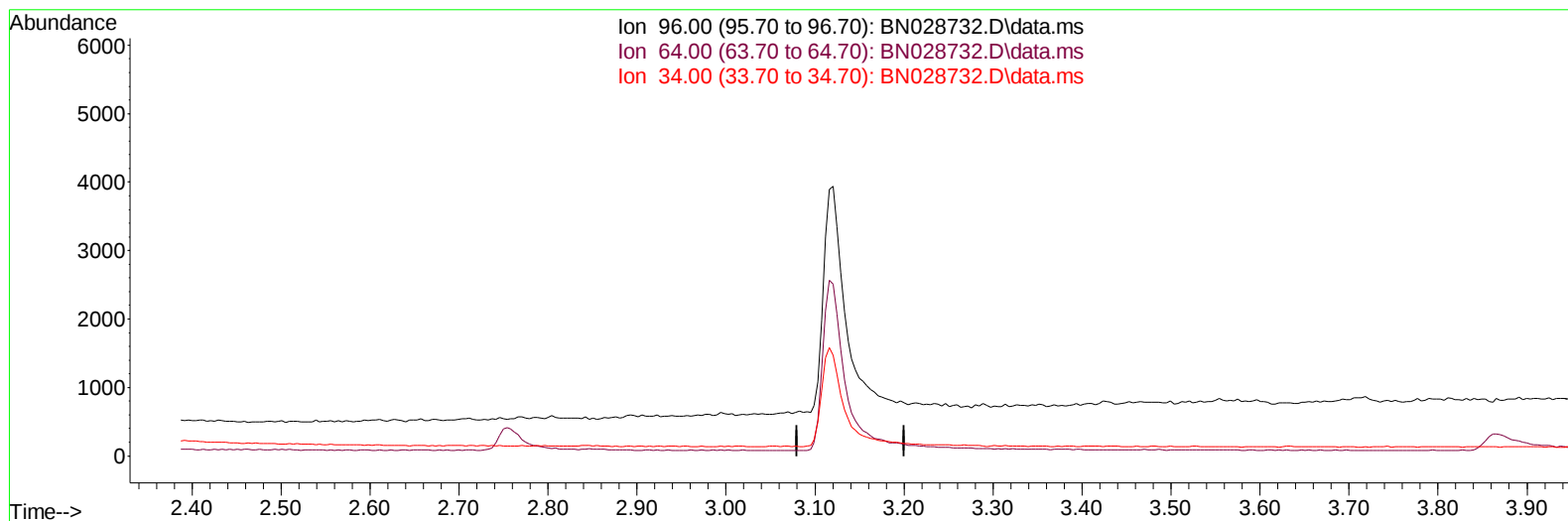
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028732.D
Acq On : 18 Nov 2023 10:31
Operator : MA/JU
Sample : PB157214BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028732.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.120min (-3.120) 0.00 ng/u1

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
64.00	67.40	0.00#
34.00	38.60	0.00#
0.00	0.00	0.00

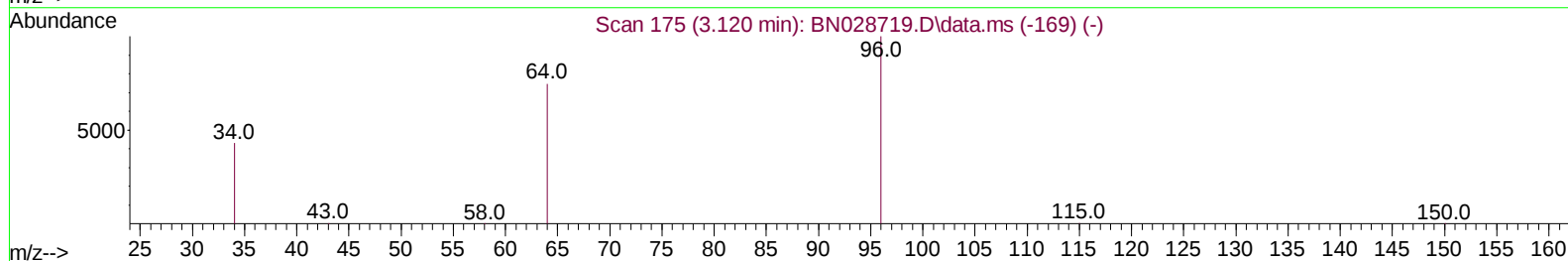
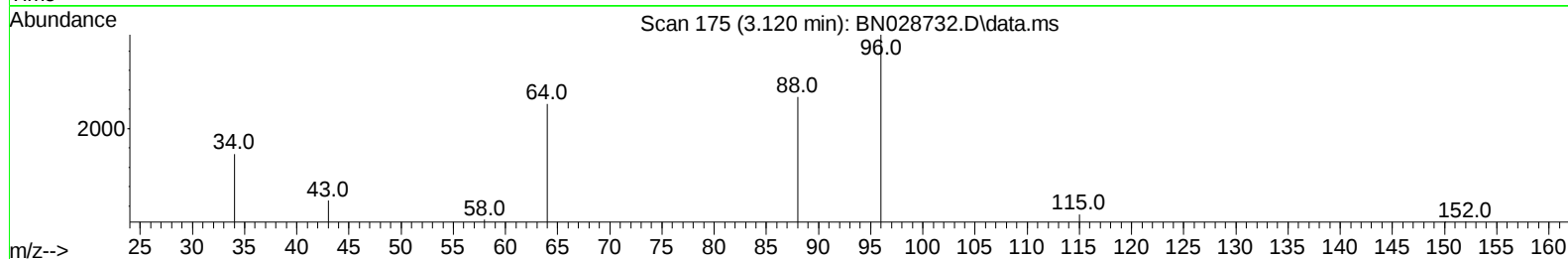
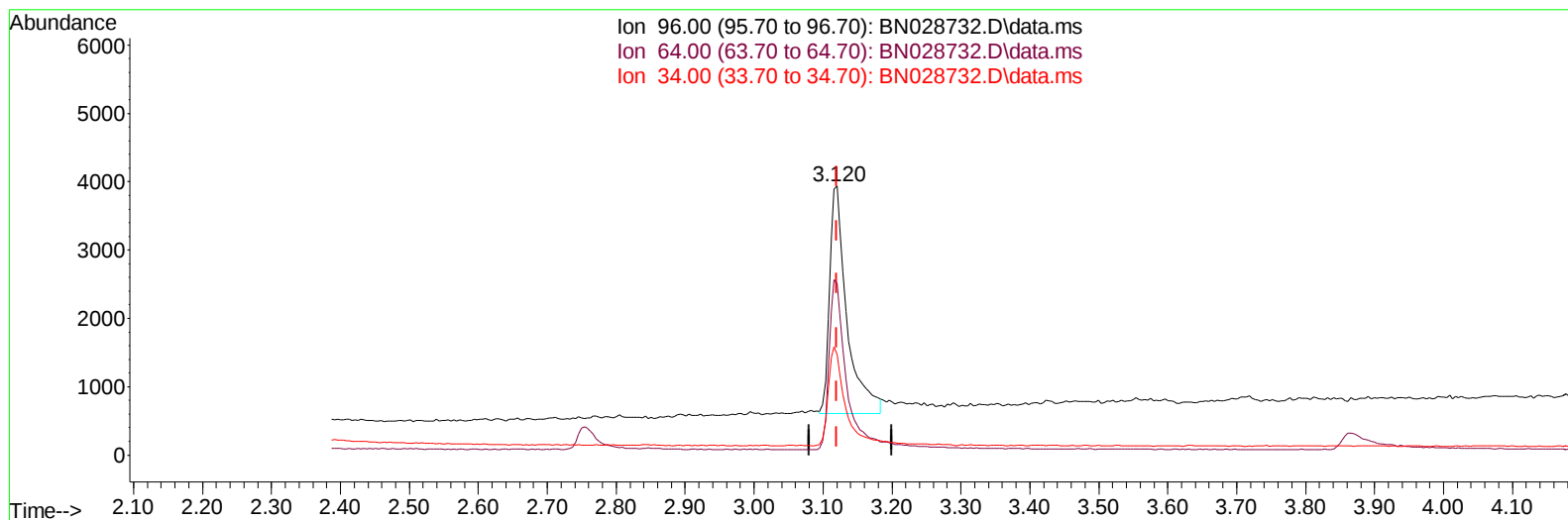
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028732.D
 Acq On : 18 Nov 2023 10:31
 Operator : MA/JU
 Sample : PB157214BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS214

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:01:16 2023
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TIC: BN028732.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.120min (-0.000) 0.83 ng/ul m

response 5821

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	63.74
34.00	38.60	37.40
0.00	0.00	0.00

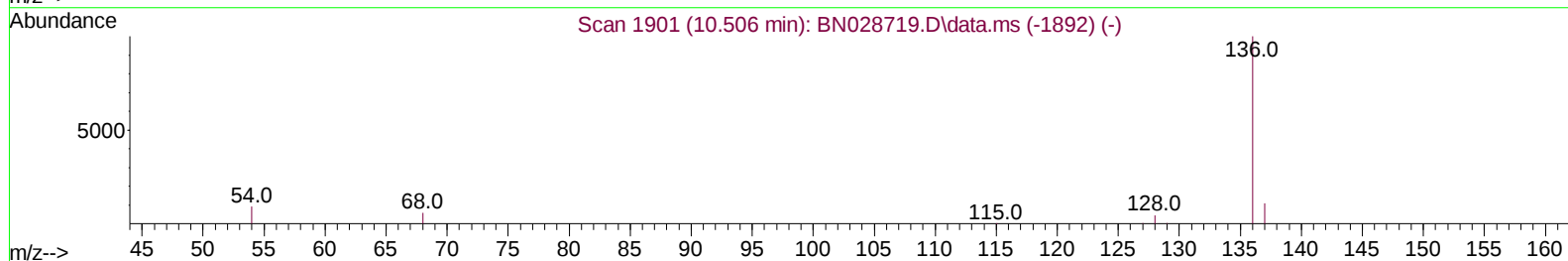
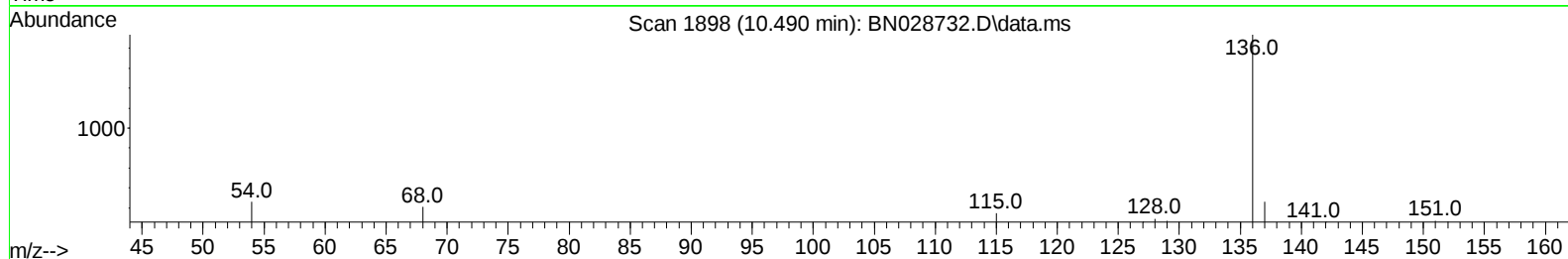
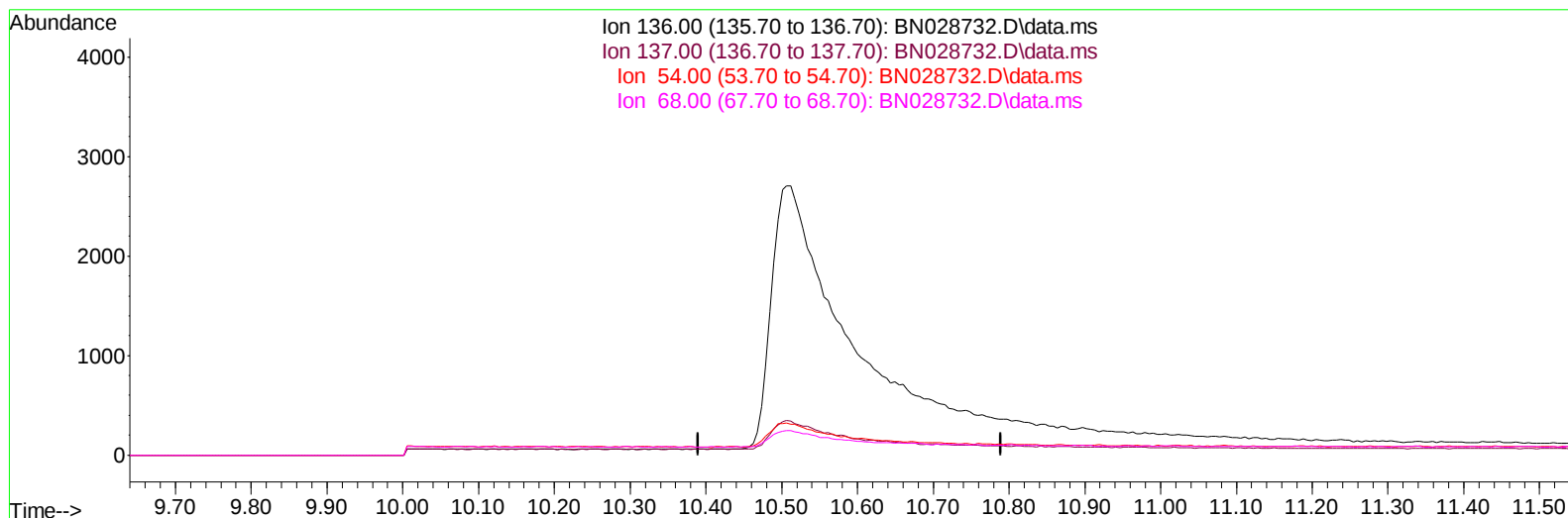
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 Acq On : 18 Nov 2023 10:31
 Operator : MA/JU
 Sample : PB157214BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
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TIC: BN028732.D\data.ms

(4) Naphthalene-d8 (I)

10.490min (-10.490) 0.00 ng/ul

response 0

Ion	Exp%	Act%
136.00	100.00	0.00
137.00	11.20	0.00#
54.00	9.00	0.00#
68.00	7.10	0.00#

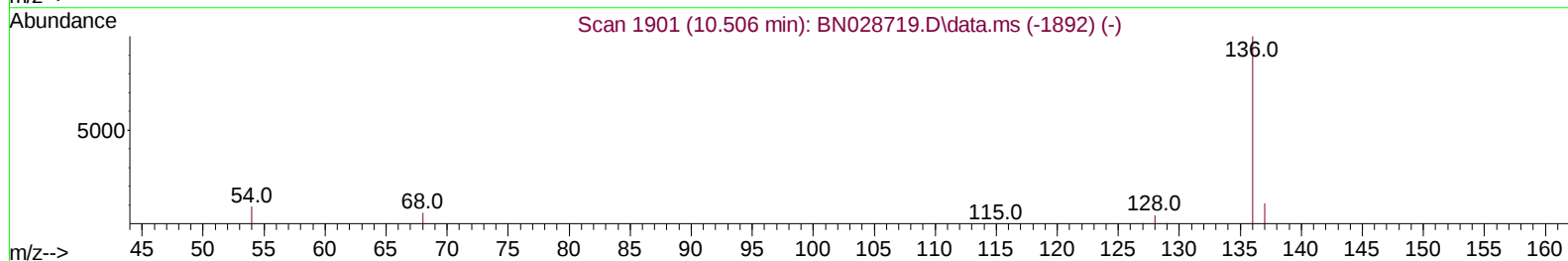
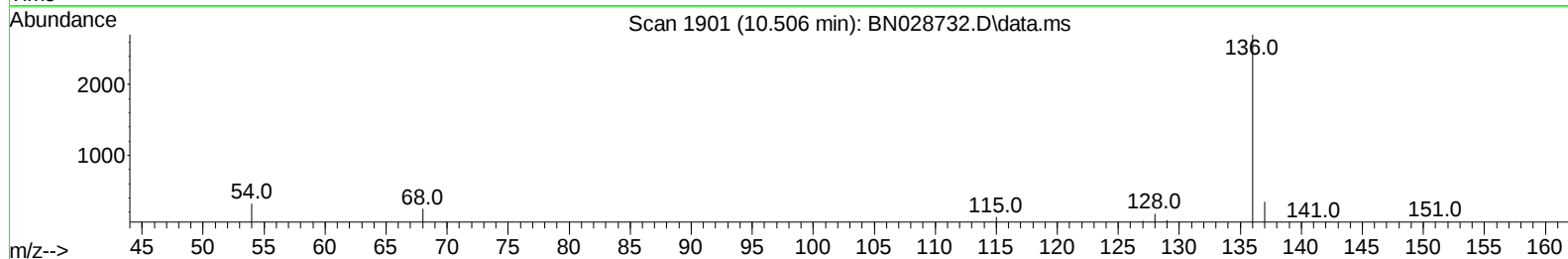
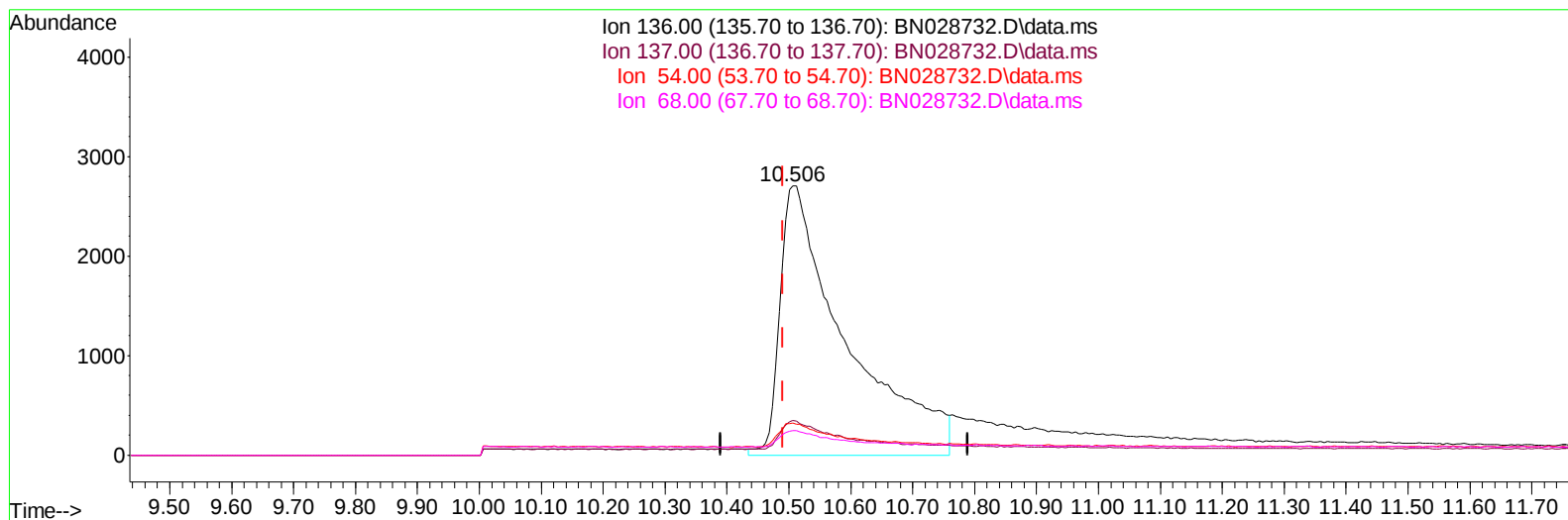
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028732.D
 Acq On : 18 Nov 2023 10:31
 Operator : MA/JU
 Sample : PB157214BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS214

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:01:16 2023
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TIC: BN028732.D\data.ms

(4) Naphthalene-d8 (I)

10.506min (+ 0.016) 0.40 ng/ul m

response 20027

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.95
54.00	9.00	11.91#
68.00	7.10	9.06#

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028732.D
 Acq On : 18 Nov 2023 10:31
 Operator : MA/JU
 Sample : PB157214BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS214

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.879	152	6379m	0.400	ng/ul	0.08
4) Naphthalene-d8	10.506	136	20027m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.326	164	13630	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.090	188	21299	0.400	ng/ul	0.00
17) Chrysene-d12	21.293	240	19185	0.400	ng/ul	# 0.00
23) Perylene-d12	23.579	264	17118	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5821m	0.826	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.129	152	5263	0.175	ng/ul	0.02
18) Fluoranthene-d10	19.123	212	24206	0.392	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	16933m	2.173	ng/ul	
5) Naphthalene	10.550	128	15035	0.268	ng/ul#	95
7) 2-Methylnaphthalene	12.200	142	5645	0.153	ng/ul	97
8) 1-Methylnaphthalene	12.371	142	9863	0.263	ng/ul	98
10) Acenaphthylene	14.053	152	21179	0.311	ng/ul	98
11) Acenaphthene	14.386	153	17564	0.351	ng/ul	99
12) Fluorene	15.399	166	15373	0.264	ng/ul	99
14) Pentachlorophenol	16.744	266	3049	0.596	ng/ul	100
15) Phenanthrene	17.132	178	24631	0.376	ng/ul	97
16) Anthracene	17.246	178	12688	0.211	ng/ul	96
19) Fluoranthene	19.151	202	30452	0.373	ng/ul	99
20) Pyrene	19.513	202	35533	0.420	ng/ul	97
21) Benzo(a)anthracene	21.284	228	19012	0.251	ng/ul	98
22) Chrysene	21.331	228	25663	0.346	ng/ul	100
24) Benzo(b)fluoranthene	22.889	252	21654	0.337	ng/ul	89
25) Benzo(k)fluoranthene	22.936	252	26124	0.388	ng/ul	92
26) Benzo(a)pyrene	23.479	252	22135	0.365	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.931	276	24750	0.368	ng/ul#	45
28) Dibenzo(a,h)anthracene	25.961	278	18508	0.344	ng/ul#	93
29) Benzo(g,h,i)perylene	26.639	276	22267	0.404	ng/ul	95

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

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