

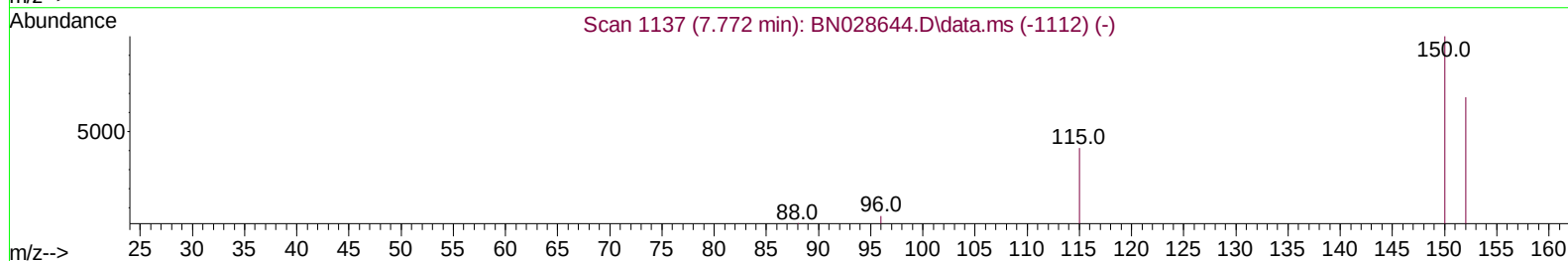
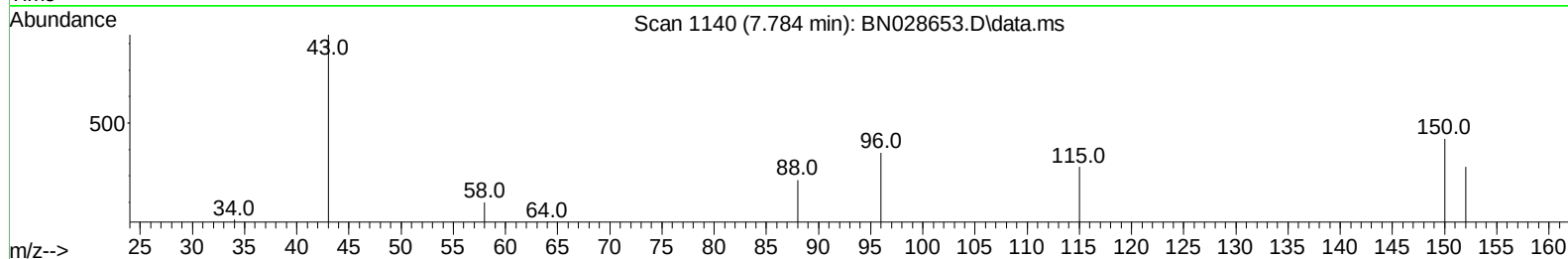
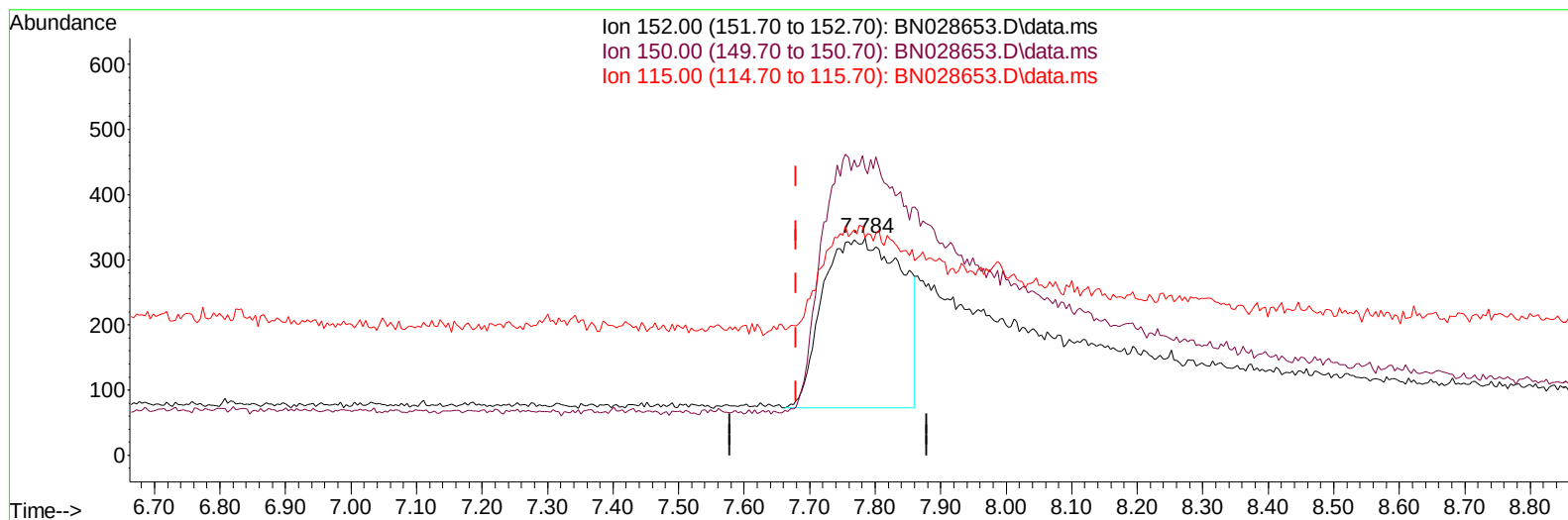
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028653.D
 Acq On : 16 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05337-21MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDK5MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:03:59 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 : Thu Nov 16 07:25:53 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028653.D\data.ms

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

7.784min (+ 0.105) 0.40 ng/ul

response 2176

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	132.04
115.00	62.20	100.00#
0.00	0.00	0.00

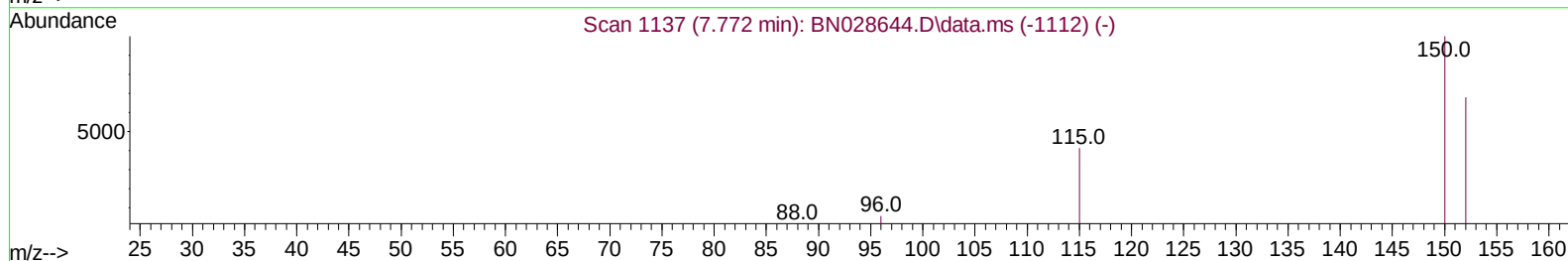
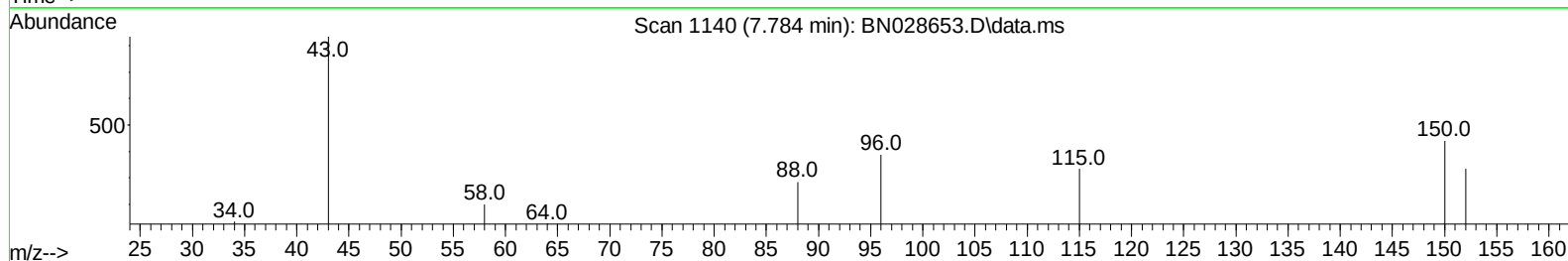
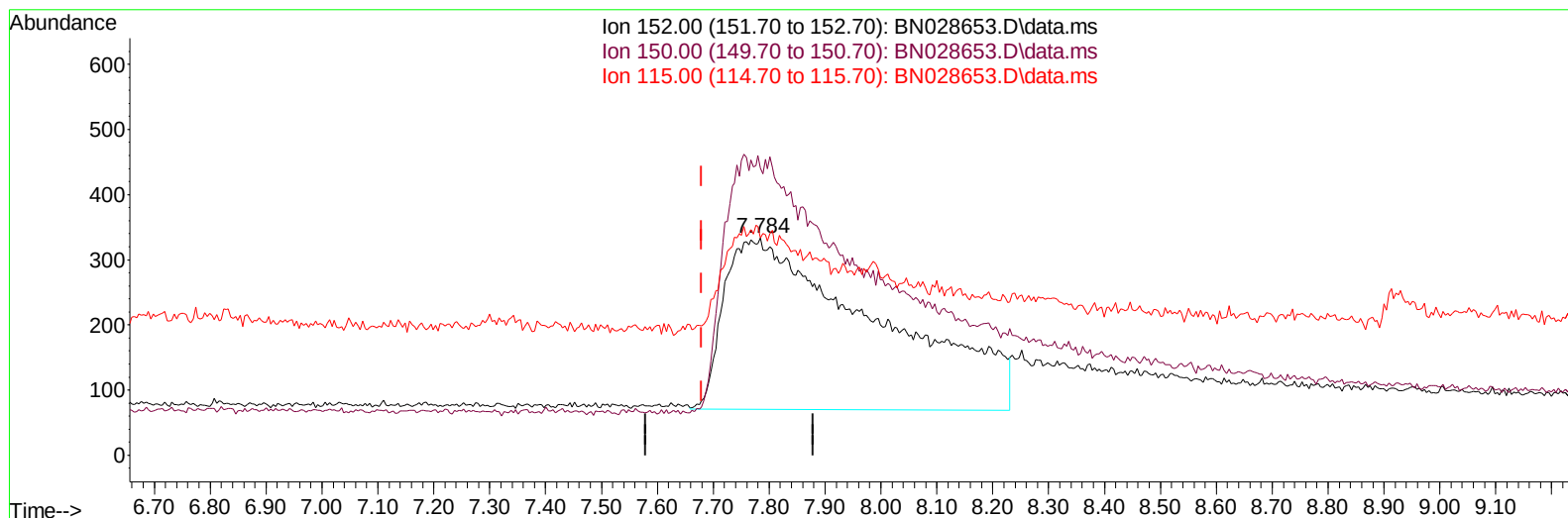
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TIC: BN028653.D\data.ms

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

7.784min (+ 0.105) 0.40 ng/ul m

response 5009

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	132.04
115.00	62.20	100.00#
0.00	0.00	0.00

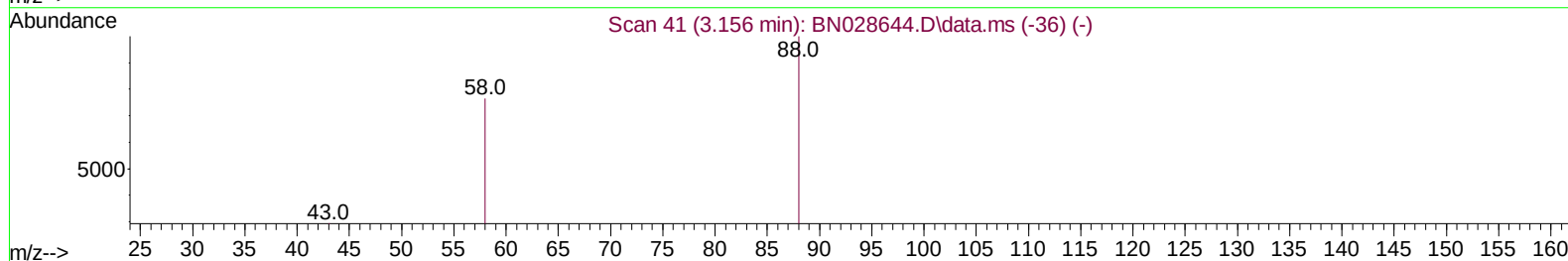
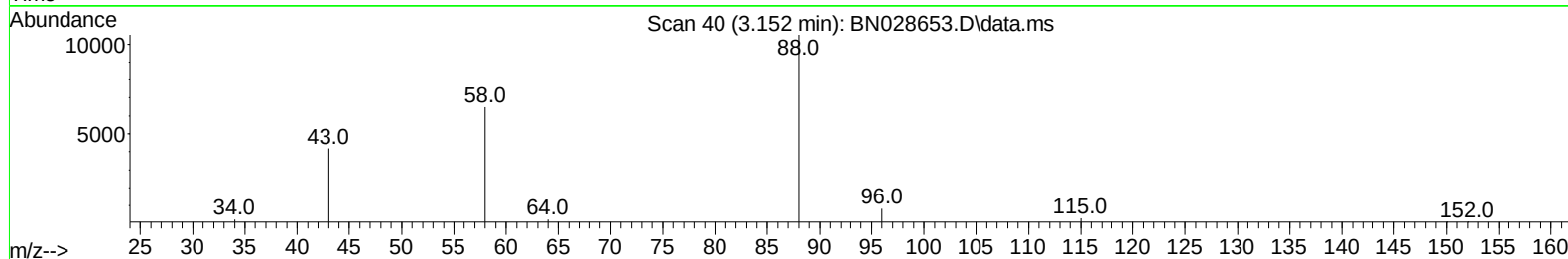
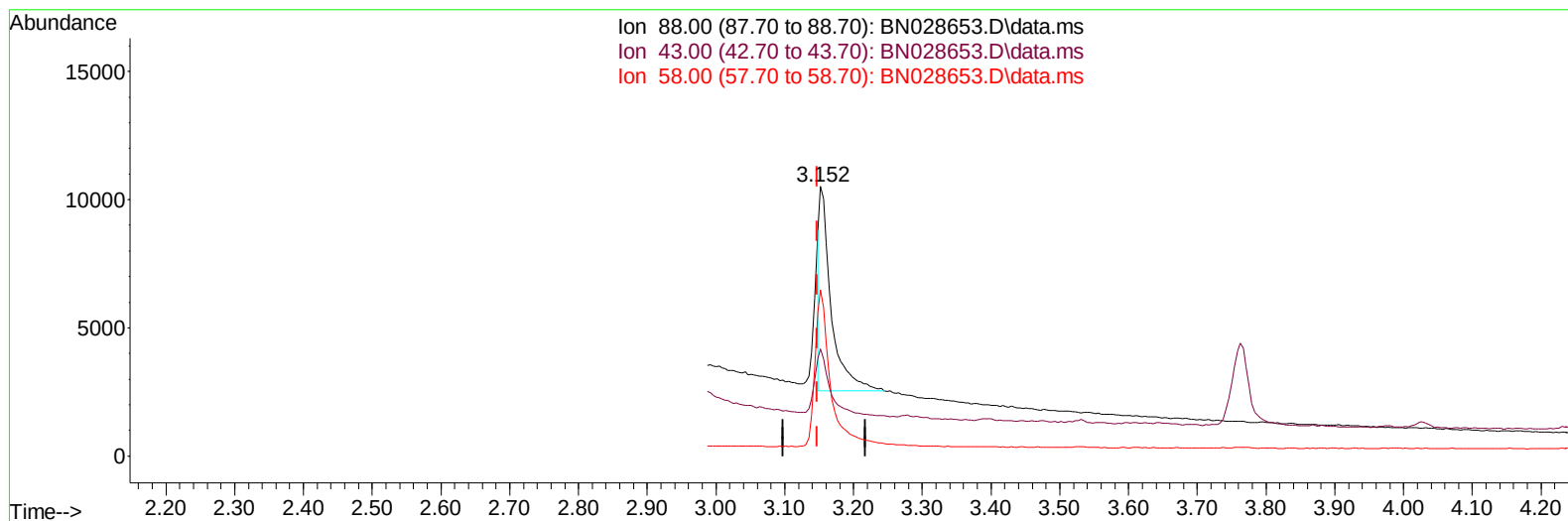
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TIC: BN028653.D\data.ms

(2) 1,4-Dioxane

3.152min (+ 0.004) 1.55 ng/ul

response 9511

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	39.68
58.00	52.30	61.65
0.00	0.00	0.00

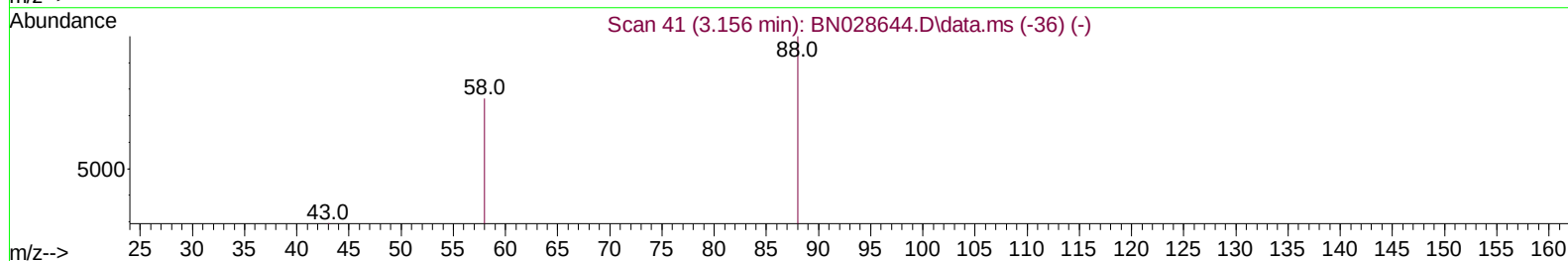
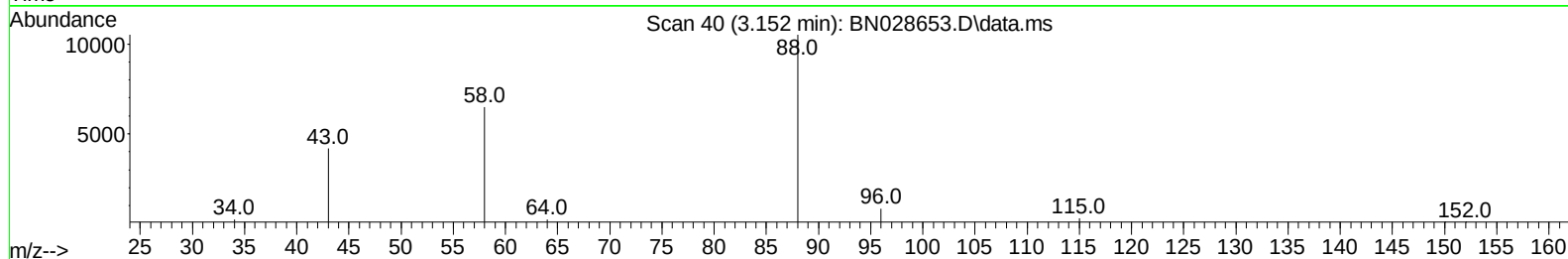
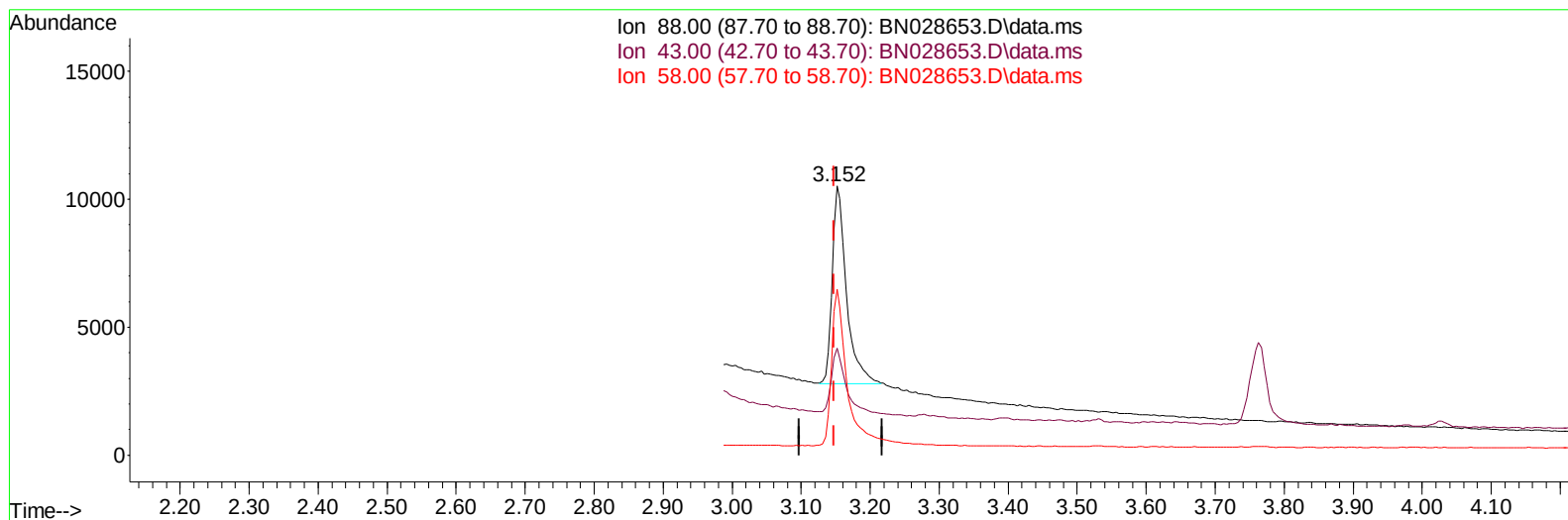
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TIC: BN028653.D\data.ms

(2) 1,4-Dioxane

3.152min (+ 0.004) 1.82 ng/ul m

response 11107

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	39.68
58.00	52.30	61.65
0.00	0.00	0.00

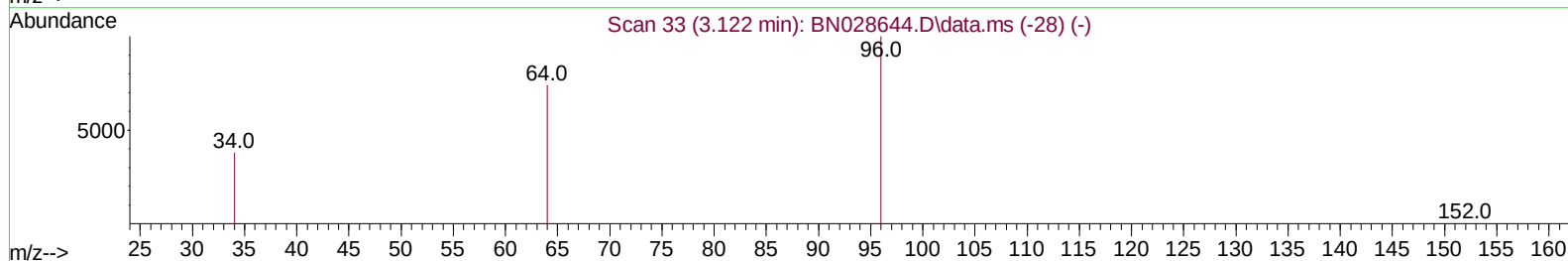
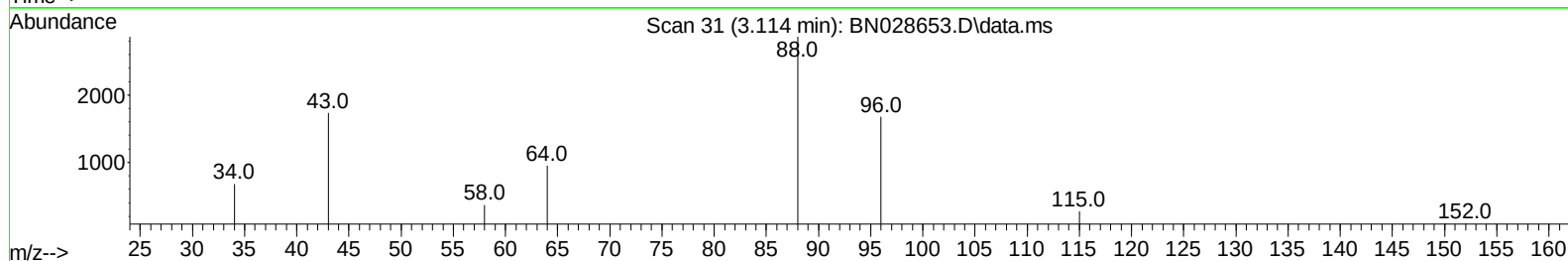
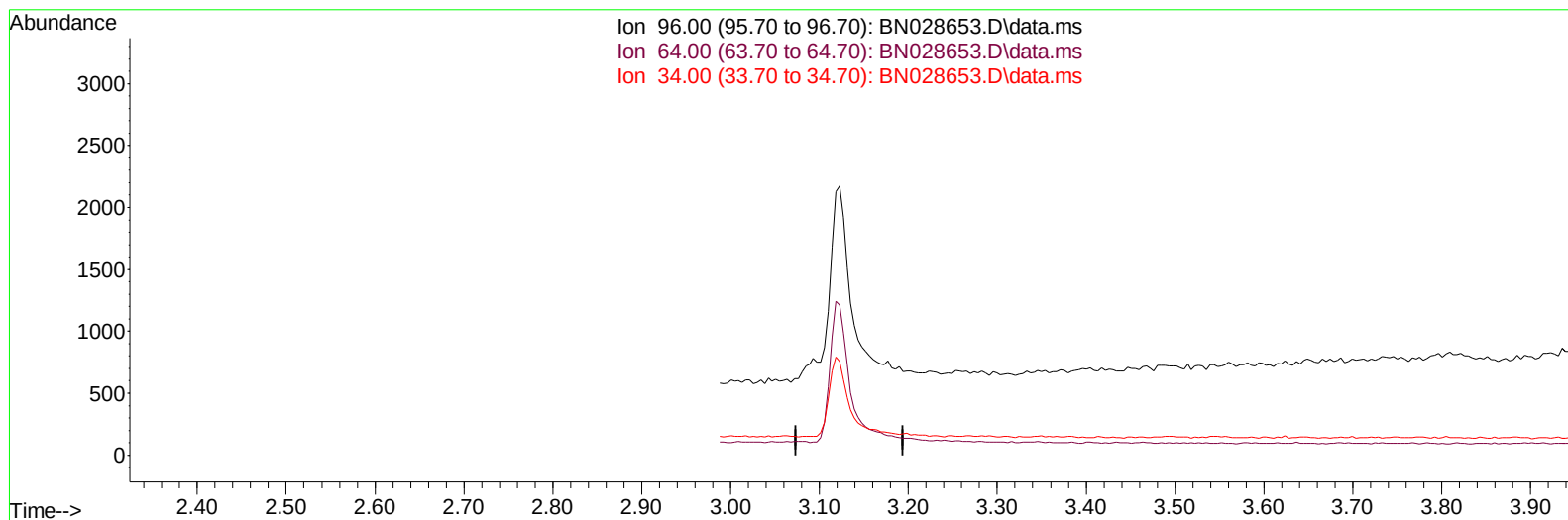
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Instrument :
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TIC: BN028653.D\data.ms

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

3.114min (-3.114) 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

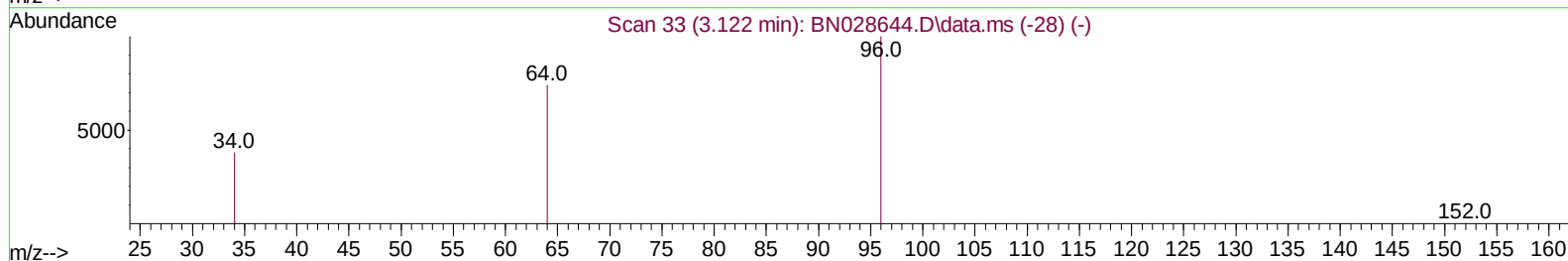
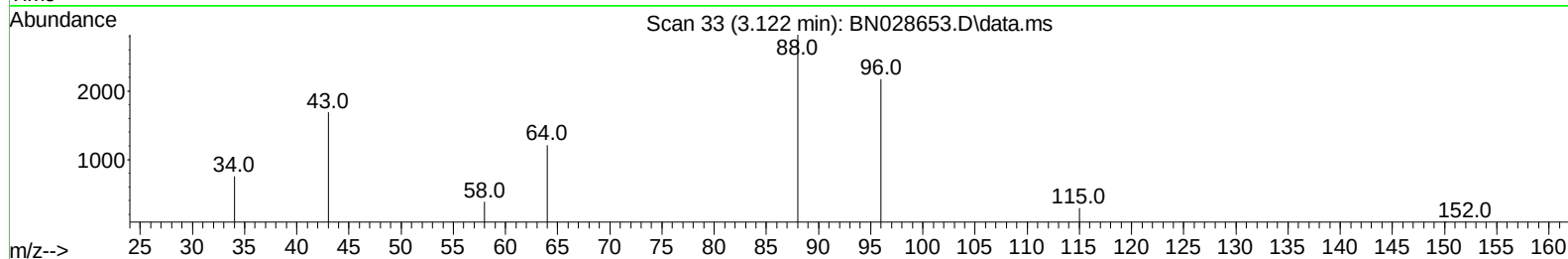
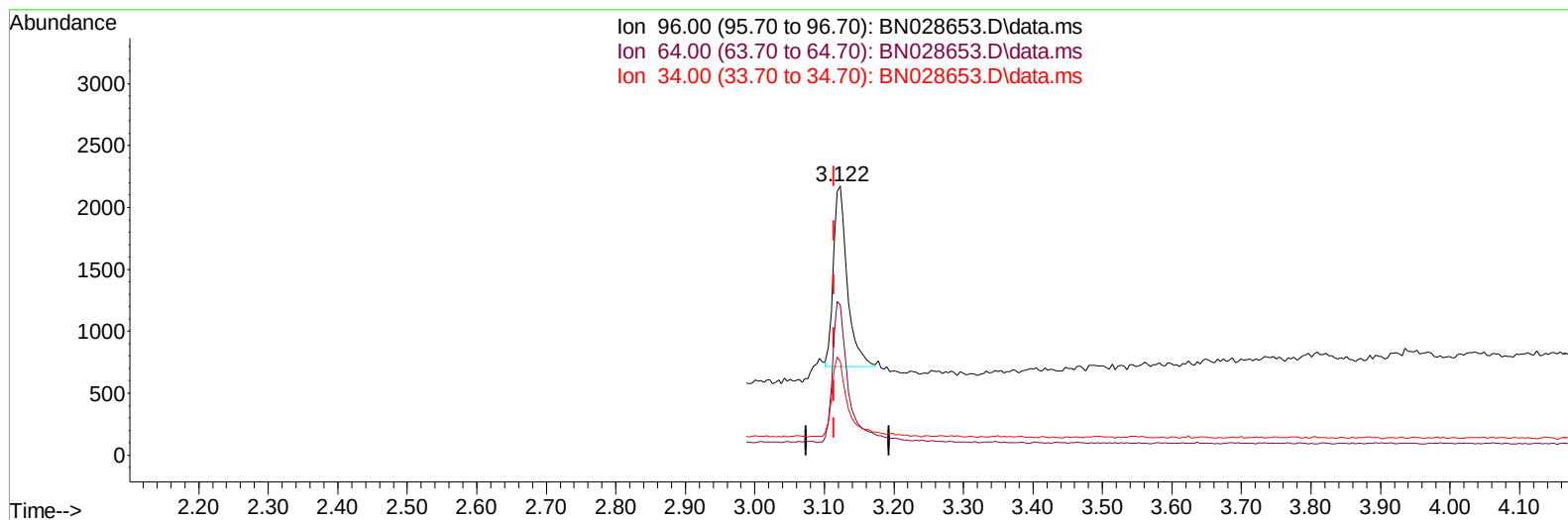
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028653.D
Acq On : 16 Nov 2023 06:53
Operator : MA/JU
Sample : 05337-21MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028653.D\data.ms

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

3.122min (+ 0.008) 0.37 ng/ul m

response 2028

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	55.71
34.00	38.60	34.71
0.00	0.00	0.00

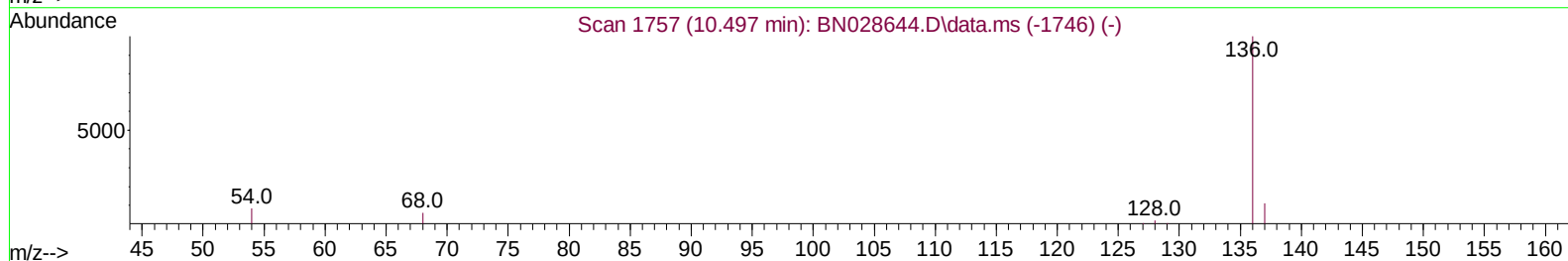
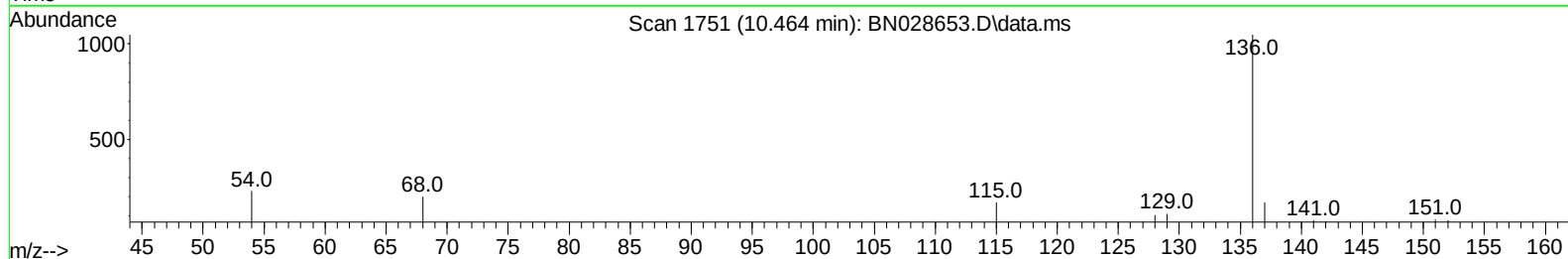
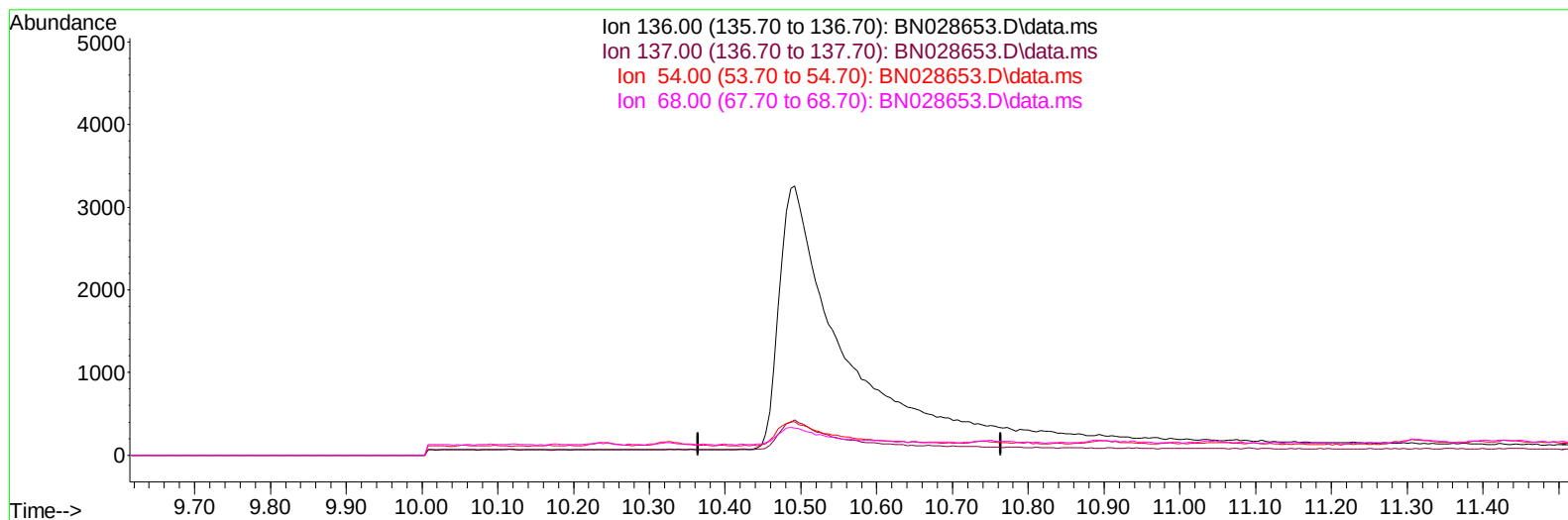
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ALS Vial : 22 Sample Multiplier: 1

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TIC: BN028653.D\data.ms

(4) Naphthalene-d8 (I)

10.464min (-10.464) 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#

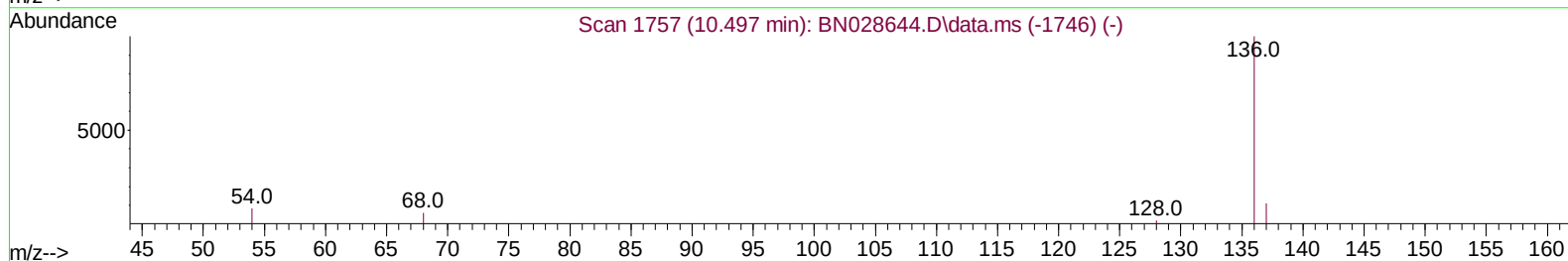
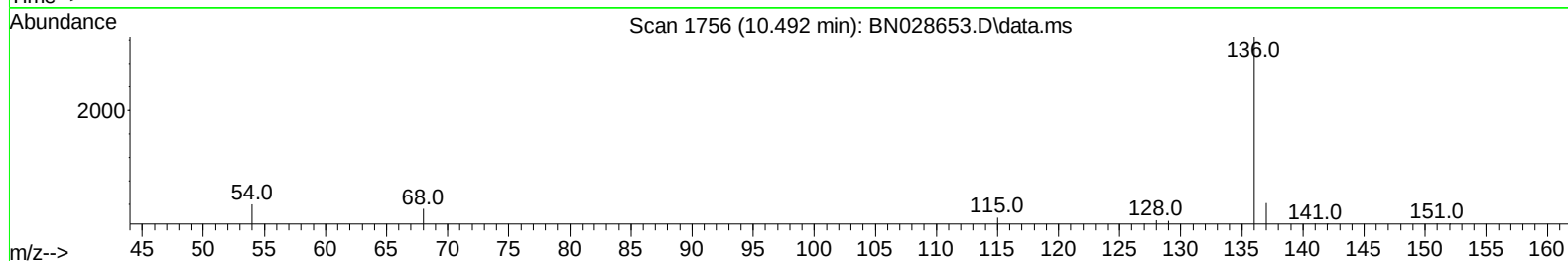
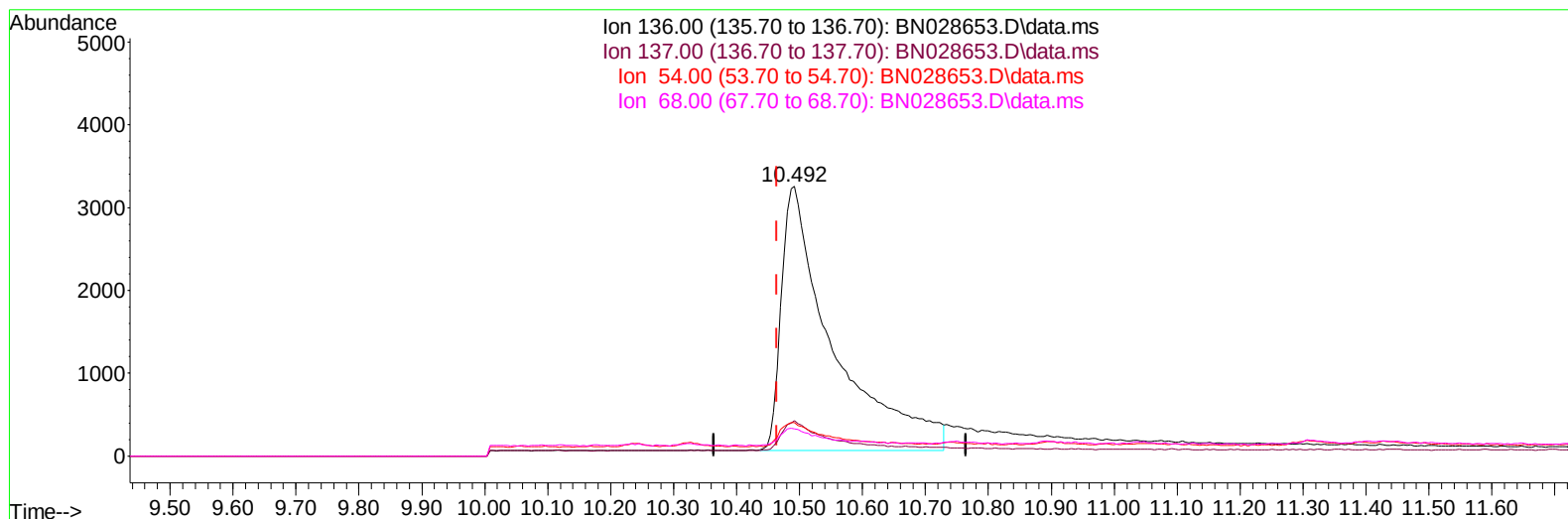
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Data File : BN028653.D
Acq On : 16 Nov 2023 06:53
Operator : MA/JU
Sample : 05337-21MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5MSD

Manual IntegrationsAPPROVED

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TIC: BN028653.D\data.ms

(4) Naphthalene-d8 (I)

10.492min (+ 0.027) 0.40 ng/ul m

response 18169

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	13.12
54.00	9.00	12.38#
68.00	7.10	10.08#

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028653.D
 Acq On : 16 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05337-21MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDK5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	5009m	0.400	ng/ul	0.11
4) Naphthalene-d8	10.492	136	18169m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.327	164	13053	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.083	188	20984	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.290	240	21795	0.400	ng/ul	# 0.00
23) Perylene-d12	23.576	264	23061	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	2028m	0.366	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.098	152	4773	0.174	ng/ul	0.03
18) Fluoranthene-d10	19.115	212	27091	0.386	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	11107m	1.815	ng/ul	
5) Naphthalene	10.541	128	12795	0.251	ng/ul#	92
7) 2-Methylnaphthalene	12.164	142	5090	0.152	ng/ul	98
8) 1-Methylnaphthalene	12.367	142	8882	0.261	ng/ul	99
10) Acenaphthylene	14.045	152	18805	0.289	ng/ul	97
11) Acenaphthene	14.387	153	14929	0.311	ng/ul	98
12) Fluorene	15.387	166	14190	0.254	ng/ul	98
14) Pentachlorophenol	16.733	266	5118	1.016	ng/ul	100
15) Phenanthrene	17.125	178	24390	0.378	ng/ul	98
16) Anthracene	17.222	178	15648	0.265	ng/ul	96
19) Fluoranthene	19.147	202	35015	0.378	ng/ul	100
20) Pyrene	19.510	202	40051	0.417	ng/ul	98
21) Benzo(a)anthracene	21.275	228	25840	0.300	ng/ul	99
22) Chrysene	21.328	228	31362	0.372	ng/ul	99
24) Benzo(b)fluoranthene	22.886	252	30041	0.347	ng/ul	92
25) Benzo(k)fluoranthene	22.932	252	36744	0.405	ng/ul	94
26) Benzo(a)pyrene	23.476	252	30111	0.369	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.924	276	38733	0.427	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.951	278	30736	0.424	ng/ul	97
29) Benzo(g,h,i)perylene	26.635	276	34572	0.465	ng/ul	99

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

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