

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028696.D
Acq On : 17 Nov 2023 11:29
Operator : MA/JU
Sample : 05338-22MSD
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDM5

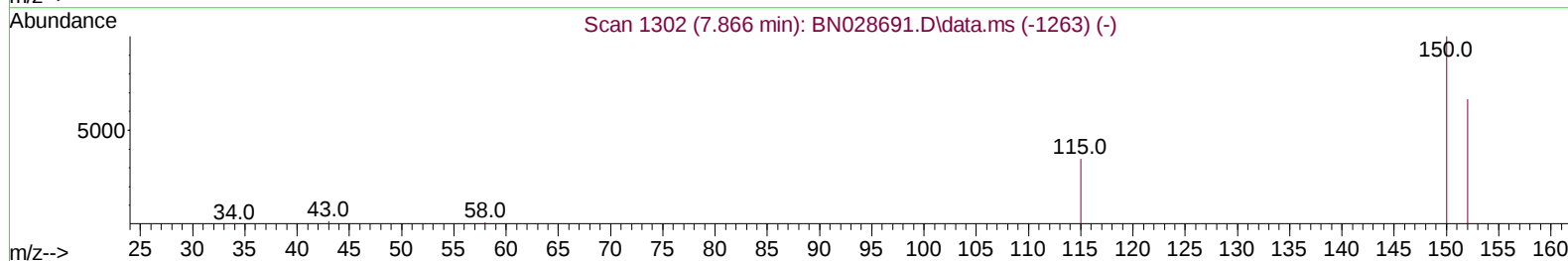
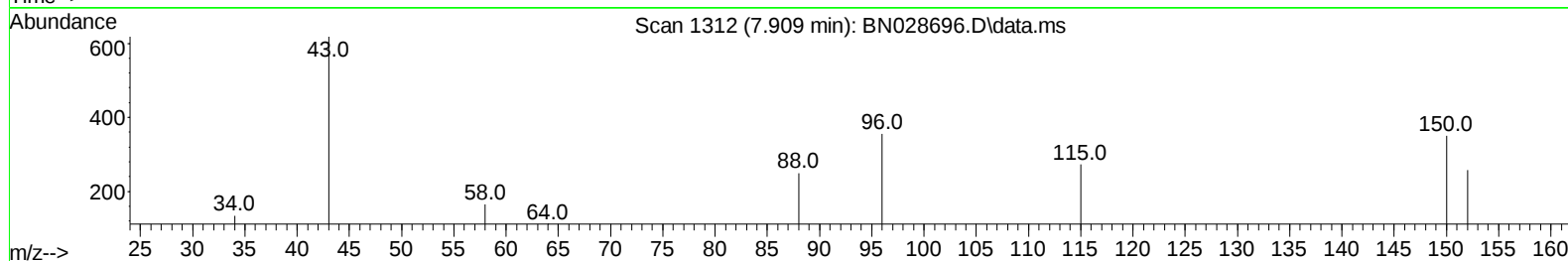
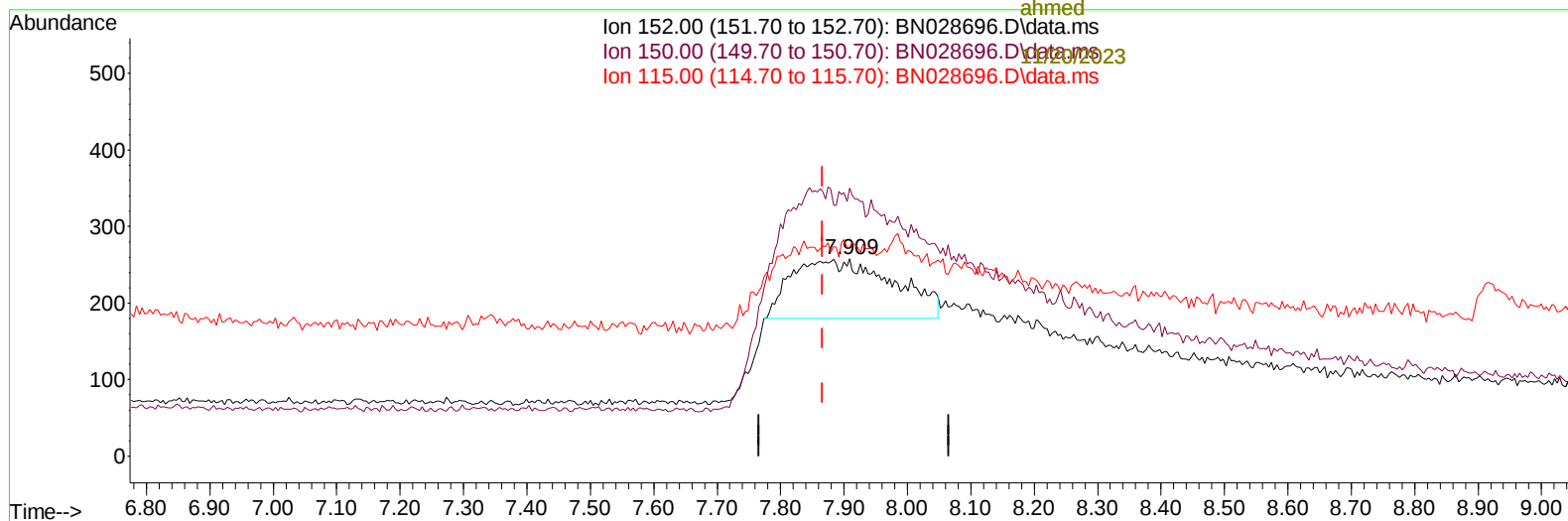
Manual IntegrationsAPPROVED

Quant Time: Nov 17 12:24:20 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 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

11/17/2023
Supervised By :mohammad
ahmed

Ion 152.00 (151.70 to 152.70): BN028696.D\data.ms
Ion 150.00 (149.70 to 150.70): BN028696.D\data.ms
Ion 115.00 (114.70 to 115.70): BN028696.D\data.ms



TIC: BN028696.D\data.ms

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

7.909min (+ 0.043) 0.40 ng/u1

response 861

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	135.66
115.00	62.20	105.81#
0.00	0.00	0.00

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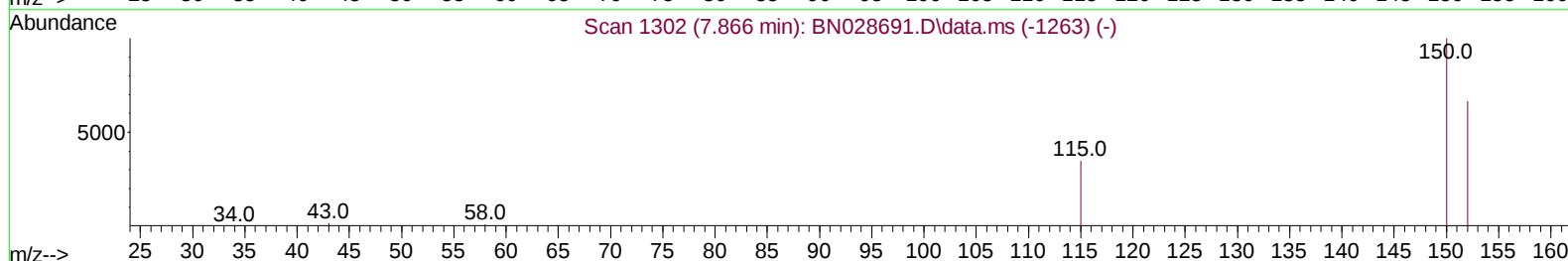
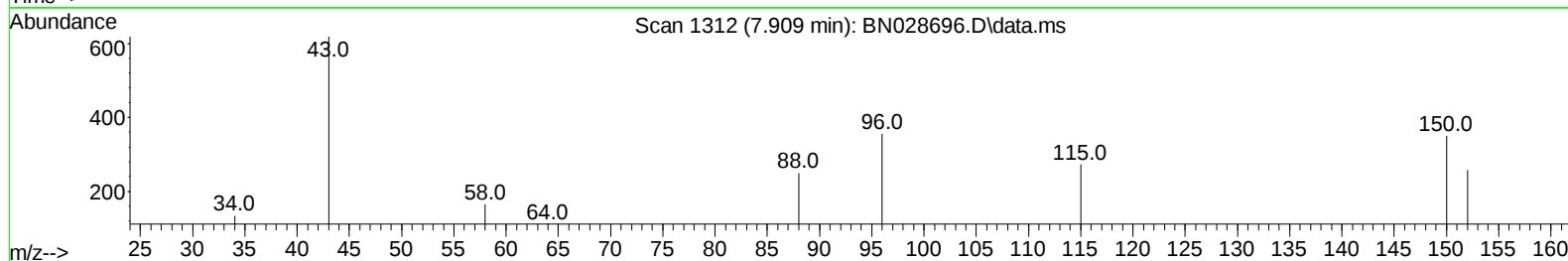
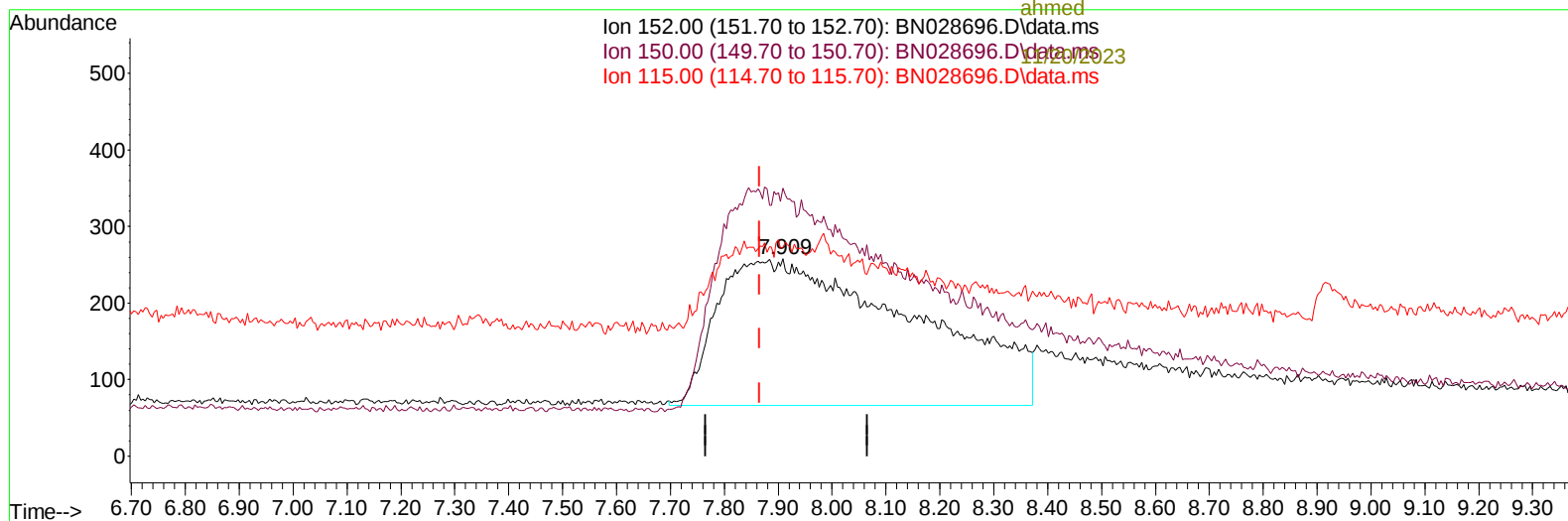
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Ion 152.00 (151.70 to 152.70): BN028696.D\data.ms
 Ion 150.00 (149.70 to 150.70): BN028696.D\data.ms
 Ion 115.00 (114.70 to 115.70): BN028696.D\data.ms



TIC: BN028696.D\data.ms

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

7.909min (+ 0.043) 0.40 ng/ul m

response 4887

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	135.66
115.00	62.20	105.81#
0.00	0.00	0.00

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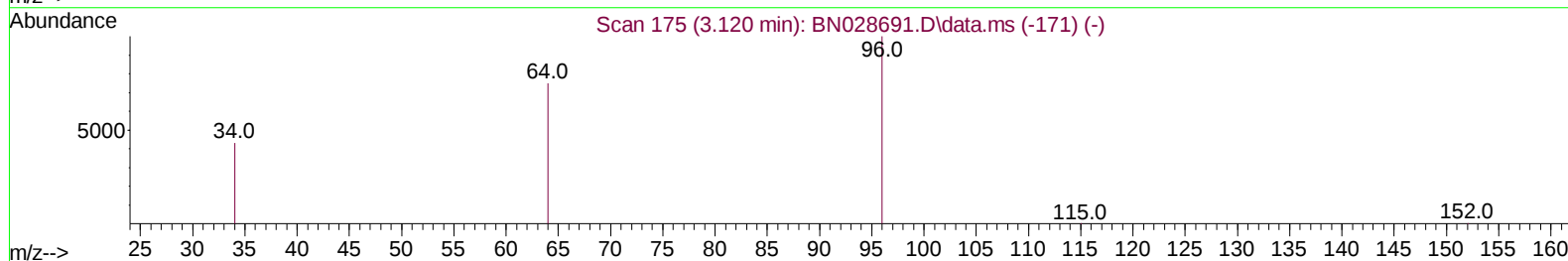
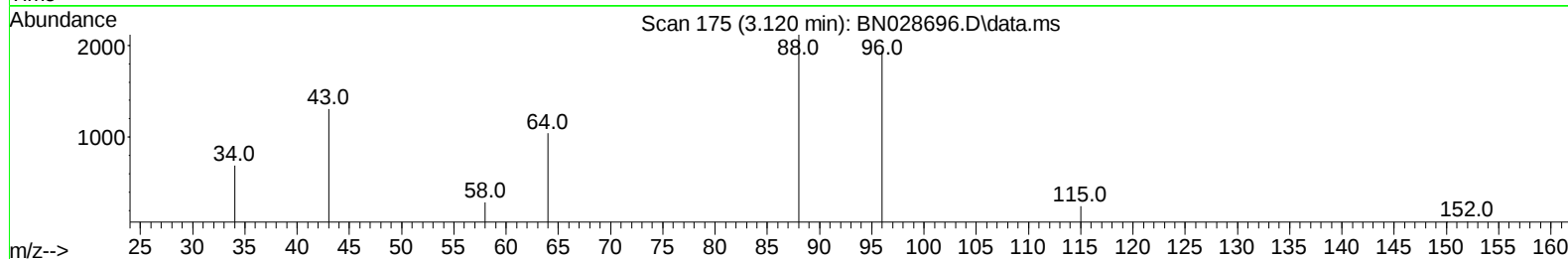
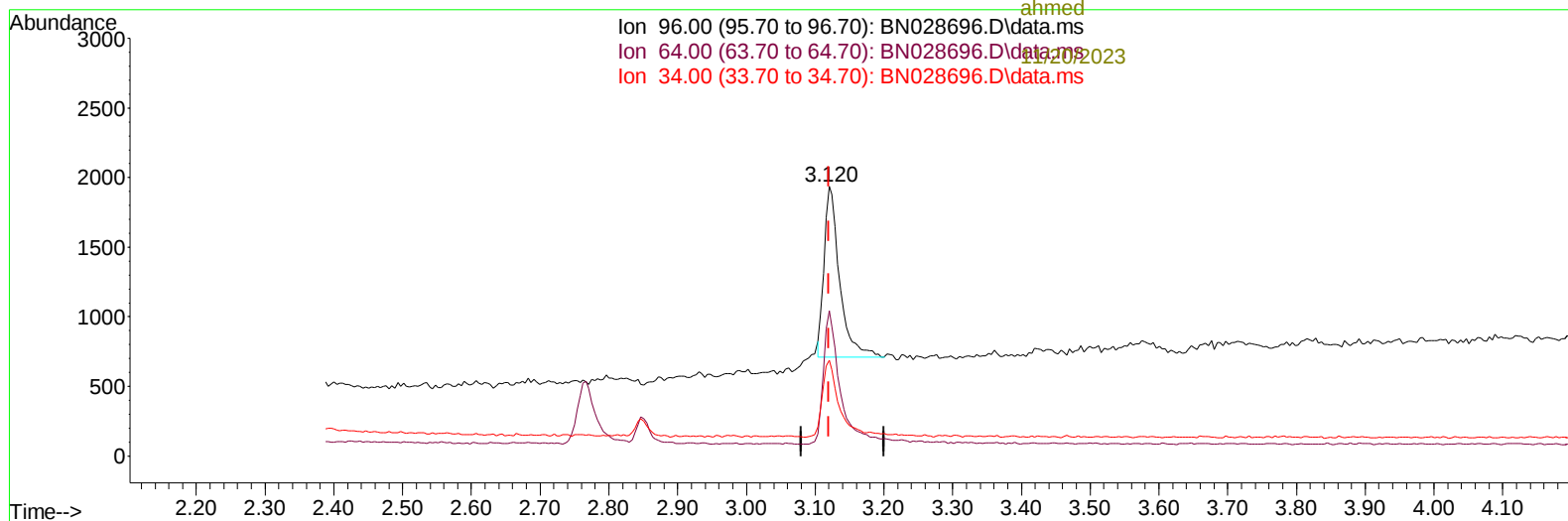
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Ion 96.00 (95.70 to 96.70): BN028696.D\data.ms
 Ion 64.00 (63.70 to 64.70): BN028696.D\data.ms
 Ion 34.00 (33.70 to 34.70): BN028696.D\data.ms



TIC: BN028696.D\data.ms

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

3.120min (+ 0.000) 0.36 ng/u1

response 1930

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	53.77#
34.00	38.60	35.49
0.00	0.00	0.00

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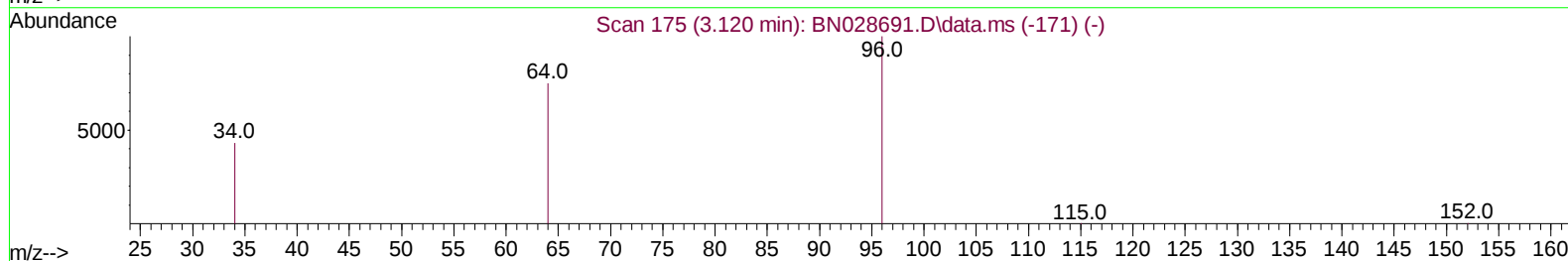
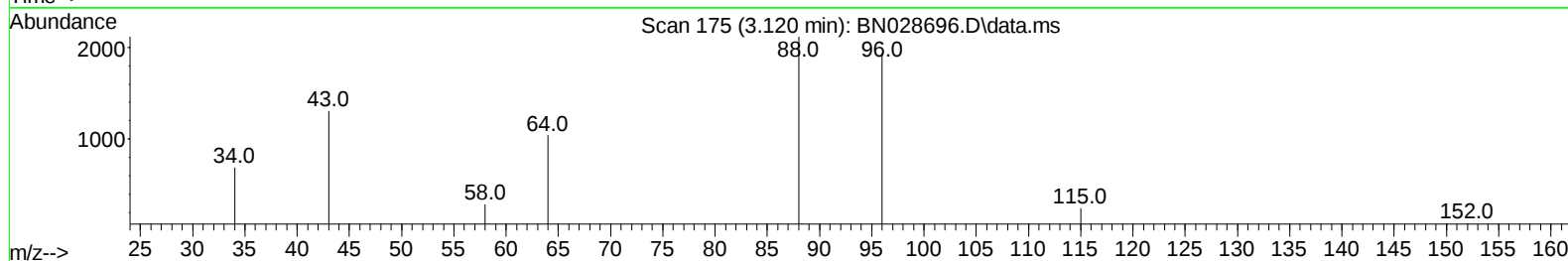
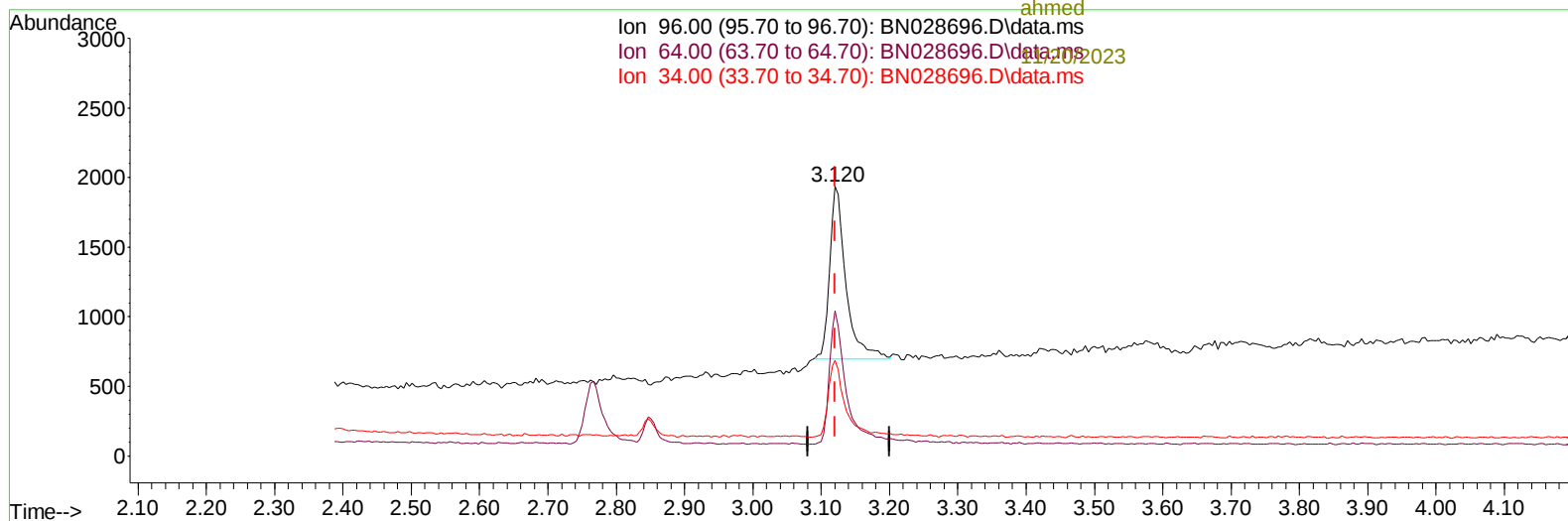
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Ion 96.00 (95.70 to 96.70): BN028696.D\data.ms
 Ion 64.00 (63.70 to 64.70): BN028696.D\data.ms
 Ion 34.00 (33.70 to 34.70): BN028696.D\data.ms



TIC: BN028696.D\data.ms

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

3.120min (+ 0.000) 0.38 ng/ul m

response 2074

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	53.77#
34.00	38.60	35.49
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----11/20/2023						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	4887m	0.400	ng/ul	0.04
4) Naphthalene-d8	10.506	136	13844	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.325	164	13189	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.085	188	22169	0.400	ng/ul	-0.01
17) Chrysene-d12	21.292	240	19286	0.400	ng/ul	# 0.00
23) Perylene-d12	23.575	264	17699	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	2074m	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	5206	0.250	ng/ul	-0.02
18) Fluoranthene-d10	19.117	212	25747	0.415	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.154	88	9931	1.663	ng/ul	92
5) Naphthalene	10.550	128	12117	0.312	ng/ul#	91
7) 2-Methylnaphthalene	12.184	142	5579	0.218	ng/ul	99
8) 1-Methylnaphthalene	12.365	142	8088	0.312	ng/ul	99
10) Acenaphthylene	14.048	152	17850	0.271	ng/ul	97
11) Acenaphthene	14.385	153	14215	0.293	ng/ul	98
12) Fluorene	15.394	166	13672	0.243	ng/ul	98
14) Pentachlorophenol	16.735	266	4858	0.913	ng/ul	100
15) Phenanthrene	17.123	178	23734	0.348	ng/ul	97
16) Anthracene	17.233	178	15562	0.249	ng/ul	95
19) Fluoranthene	19.145	202	33441	0.408	ng/ul	97
20) Pyrene	19.507	202	37704	0.444	ng/ul	96
21) Benzo(a)anthracene	21.277	228	21528	0.282	ng/ul	99
22) Chrysene	21.330	228	26286	0.353	ng/ul	98
24) Benzo(b)fluoranthene	22.885	252	22775	0.343	ng/ul	88
25) Benzo(k)fluoranthene	22.932	252	27520	0.396	ng/ul#	90
26) Benzo(a)pyrene	23.478	252	22112	0.353	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.923	276	26411	0.380	ng/ul	99
28) Dibenzo(a,h)anthracene	25.954	278	20796	0.374	ng/ul	95
29) Benzo(g,h,i)perylene	26.631	276	23939	0.420	ng/ul	96

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

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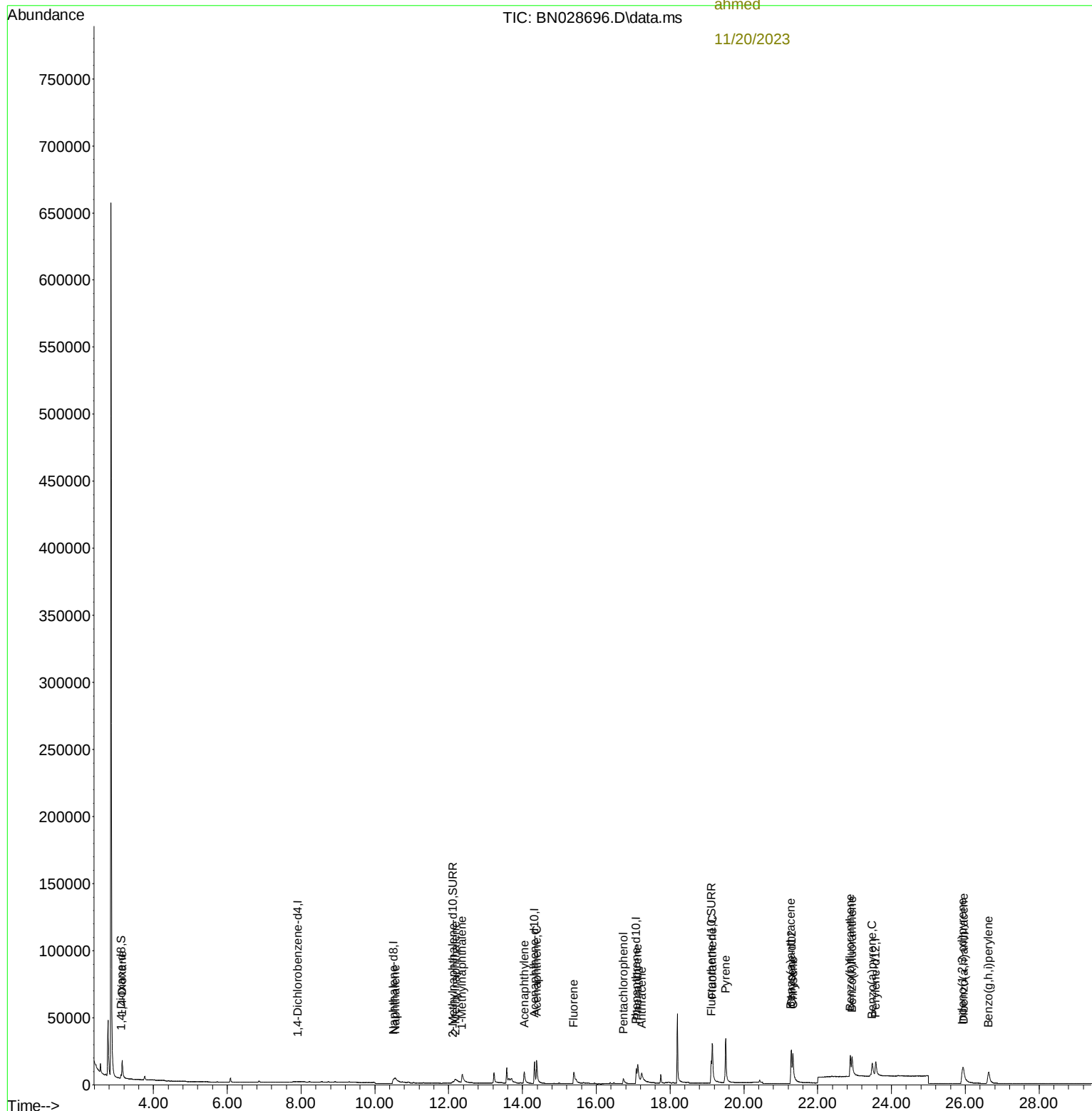
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 Data File : BN028697.D
 Acq On : 17 Nov 2023 12:04
 Operator : MA/JU
 Sample : 05338-20
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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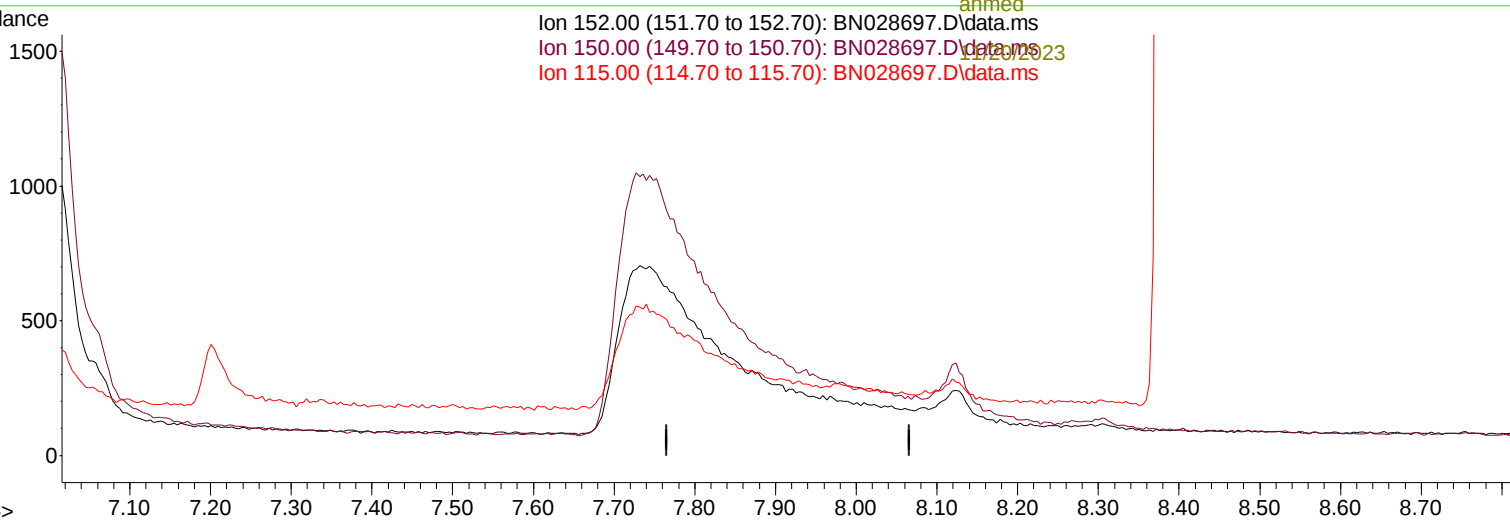
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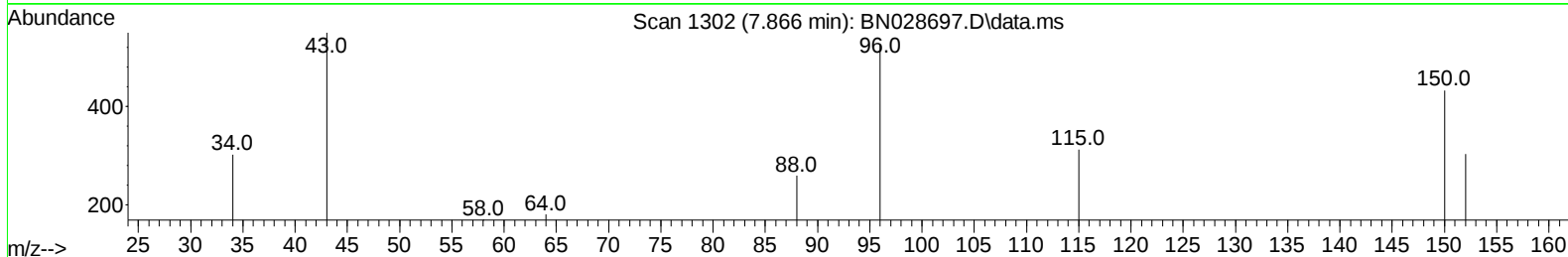
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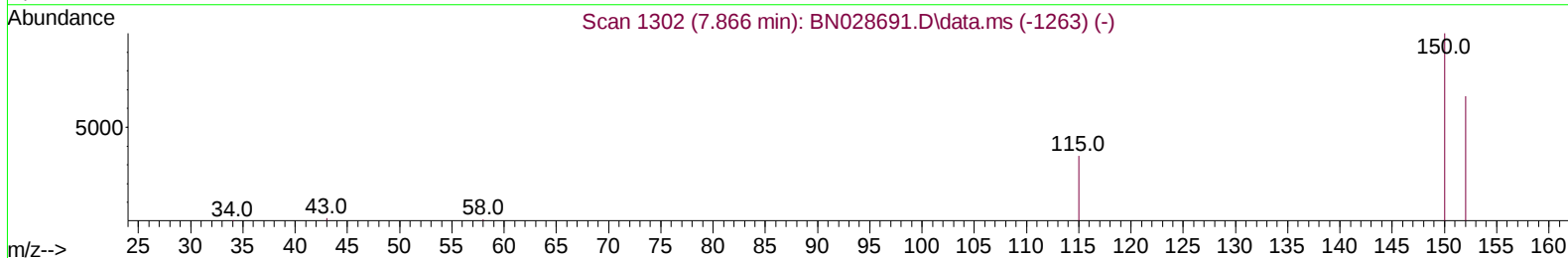
Ion 152.00 (151.70 to 152.70): BN028697.D\data.ms
 Ion 150.00 (149.70 to 150.70): BN028697.D\data.ms
 Ion 115.00 (114.70 to 115.70): BN028697.D\data.ms



Scan 1302 (7.866 min): BN028697.D\data.ms



Scan 1302 (7.866 min): BN028691.D\data.ms (-1263) (-)



TIC: BN028697.D\data.ms

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

7.866min (-7.866) 0.00 ng/u1

response 0

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

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Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDM5

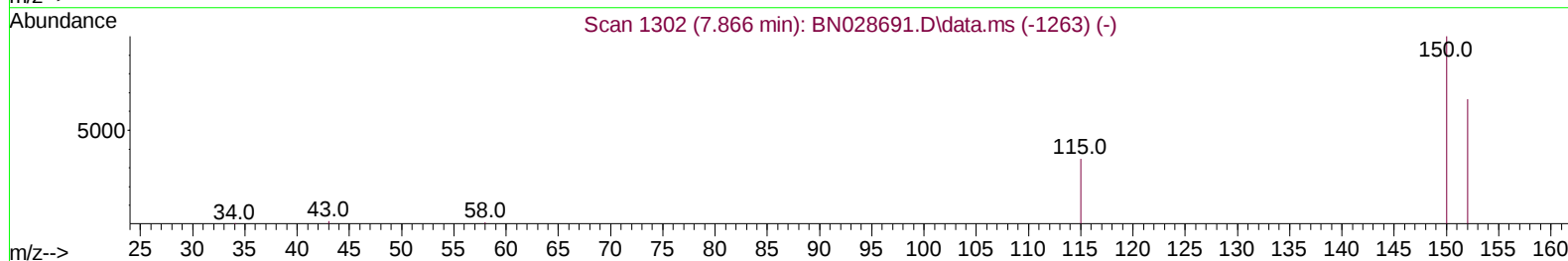
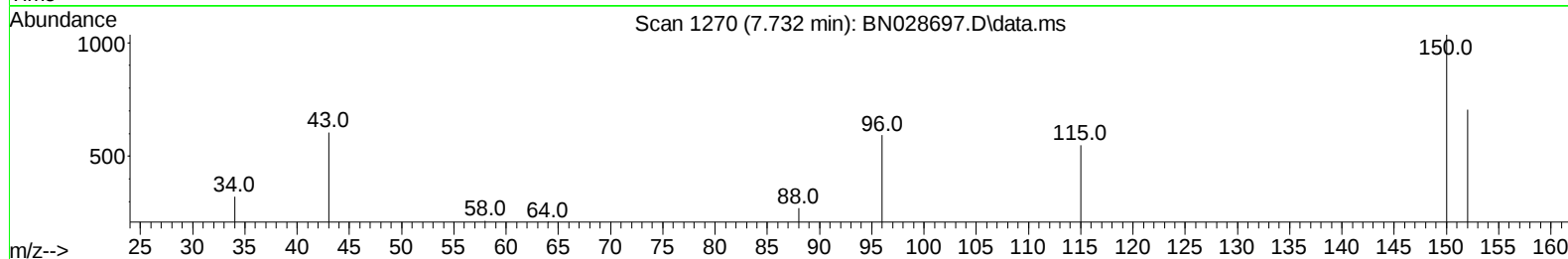
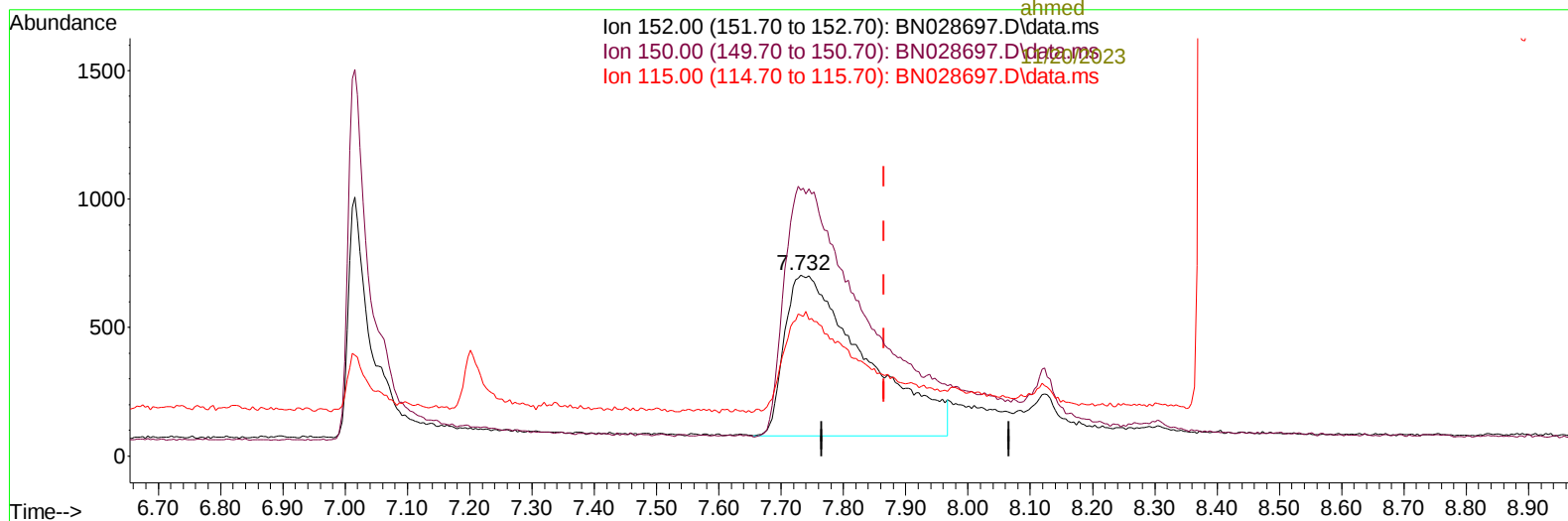
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Ion 152.00 (151.70 to 152.70): BN028697.D\data.ms
Ion 150.00 (149.70 to 150.70): BN028697.D\data.ms
Ion 115.00 (114.70 to 115.70): BN028697.D\data.ms



TIC: BN028697.D\data.ms

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

7.732min (-0.134) 0.40 ng/ul m

response 5666

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	147.02
115.00	62.20	77.98#
0.00	0.00	0.00

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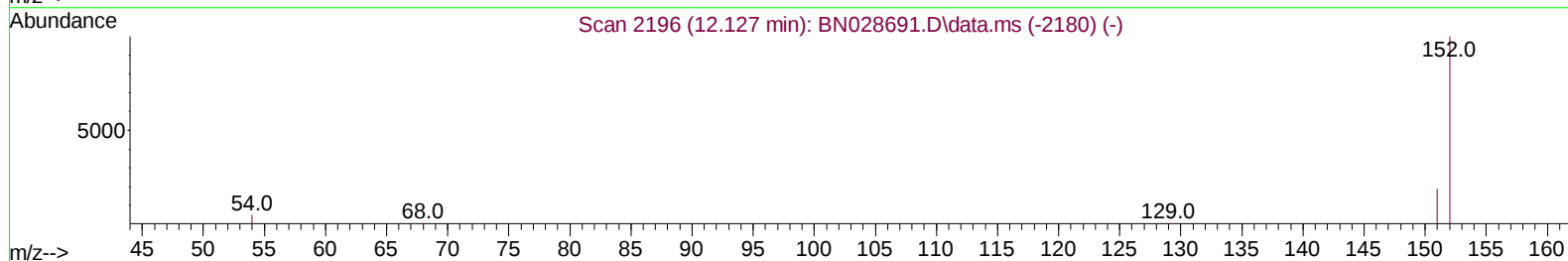
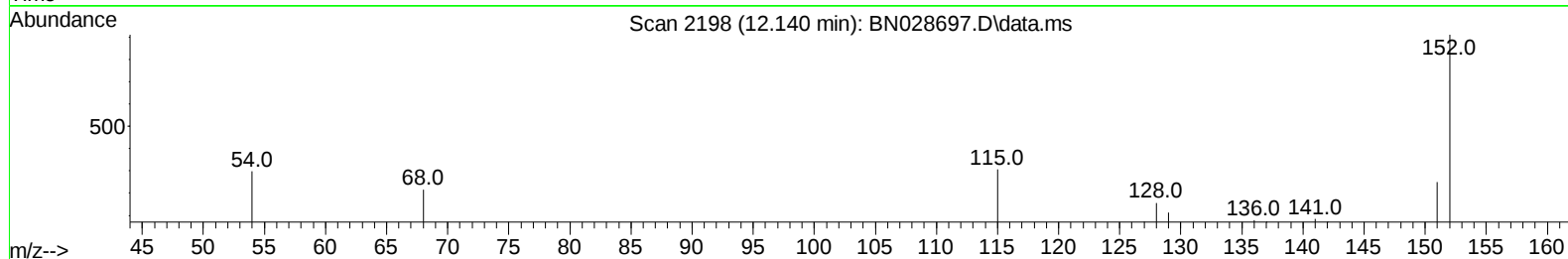
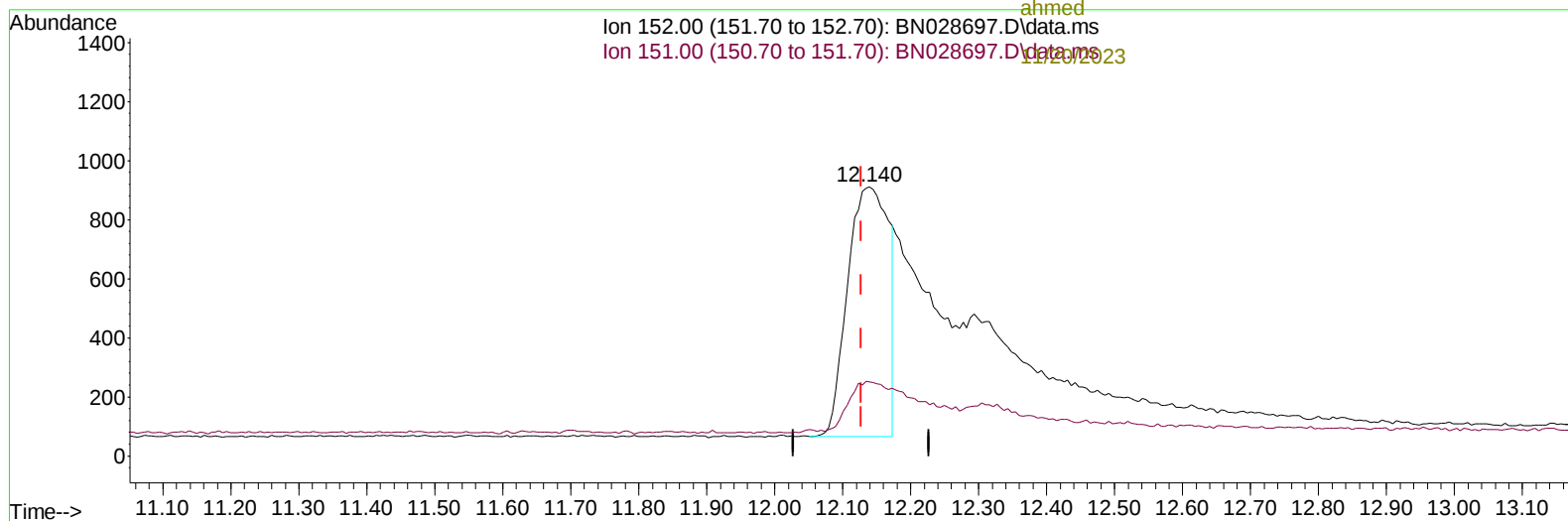
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TIC: BN028697.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.140min (+ 0.012) 0.10 ng/u1

response 3533

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	17.92
0.00	0.00	0.00
0.00	0.00	0.00

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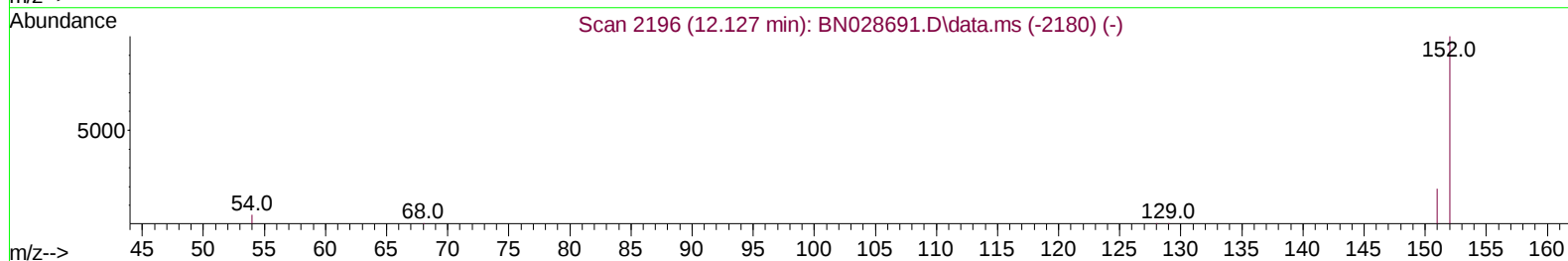
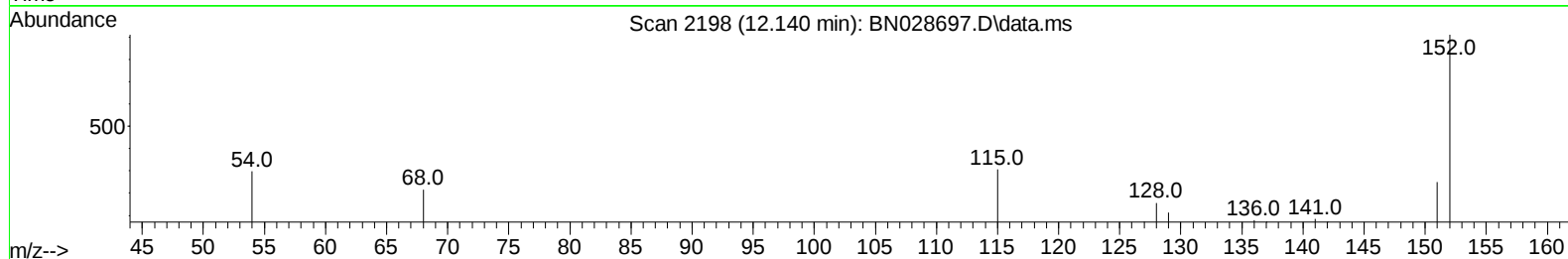
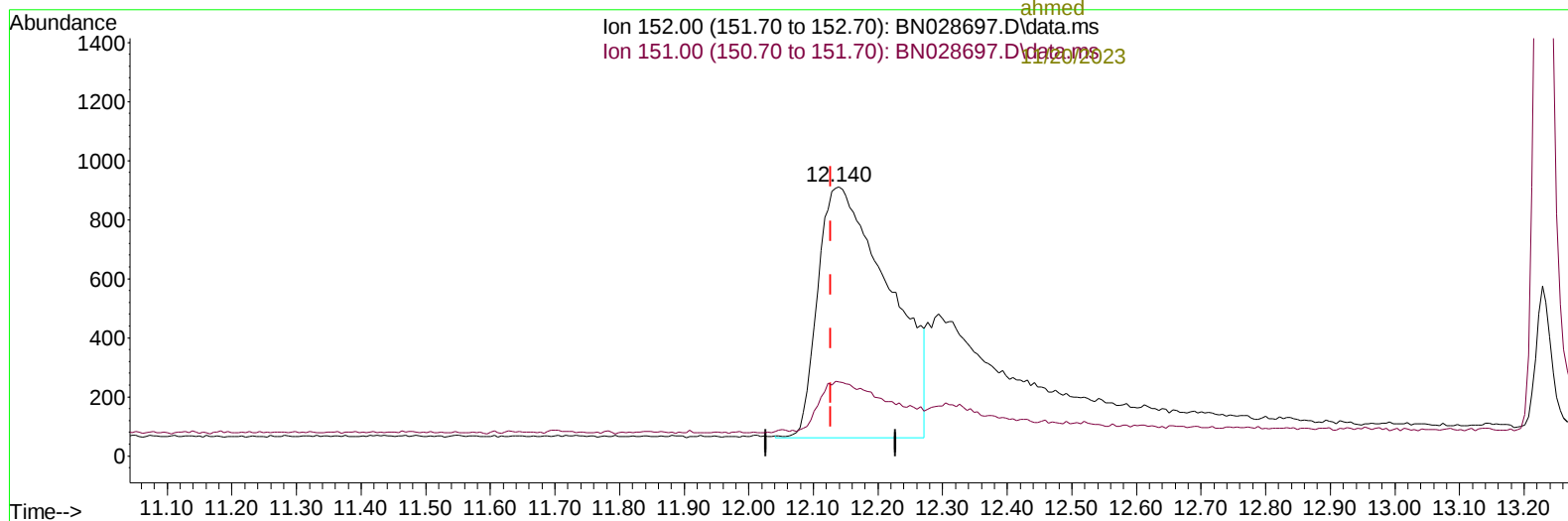
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TIC: BN028697.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.140min (+ 0.012) 0.18 ng/ul m

response 6517

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	9.71#
0.00	0.00	0.00
0.00	0.00	0.00

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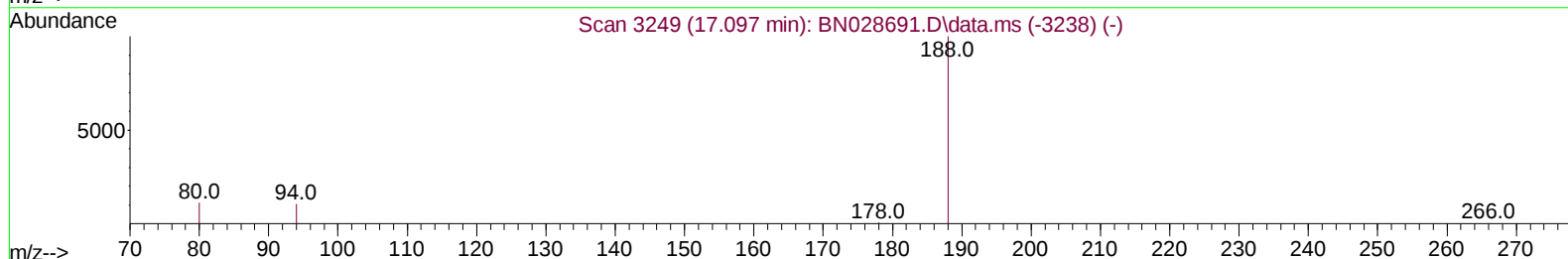
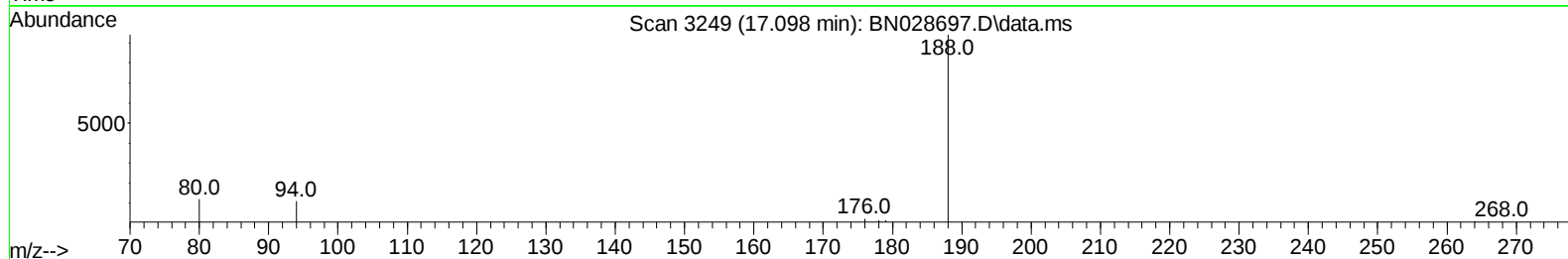
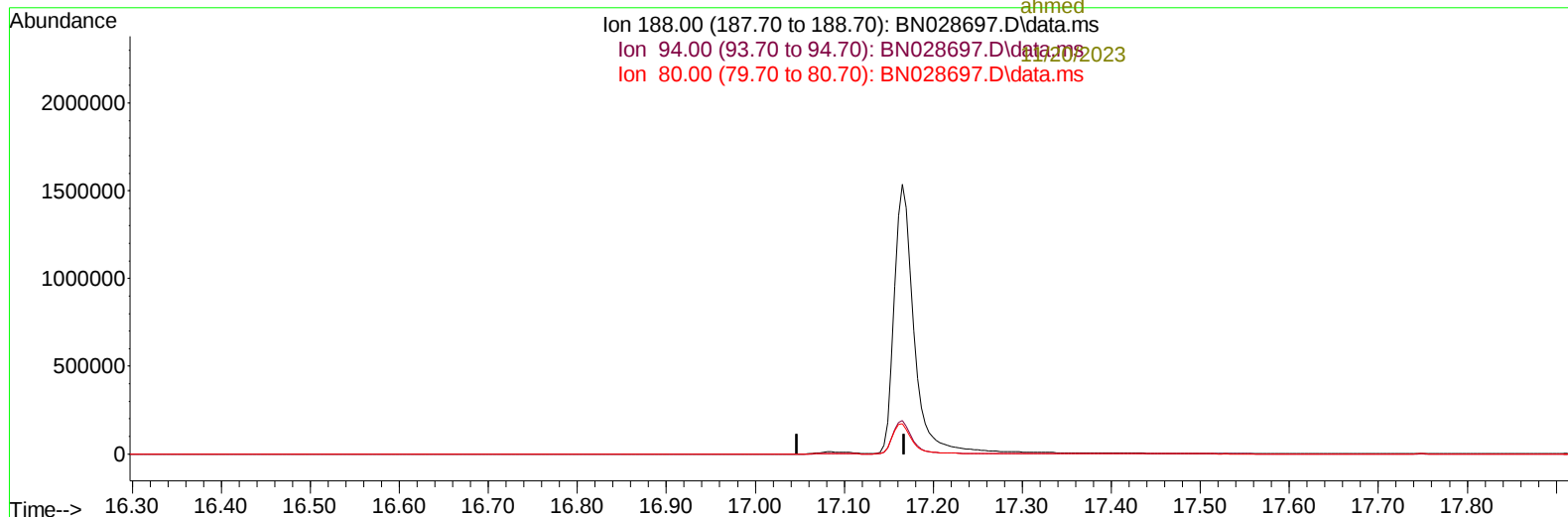
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Ion 188.00 (187.70 to 188.70): BN028697.D\data.ms
 Ion 94.00 (93.70 to 94.70): BN028697.D\data.ms
 Ion 80.00 (79.70 to 80.70): BN028697.D\data.ms



TIC: BN028697.D\data.ms

(13) Phenanthrene-d10 (I)

17.097min (-17.097) 0.00 ng/u1

response 0

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

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 ALS Vial : 71 Sample Multiplier: 1

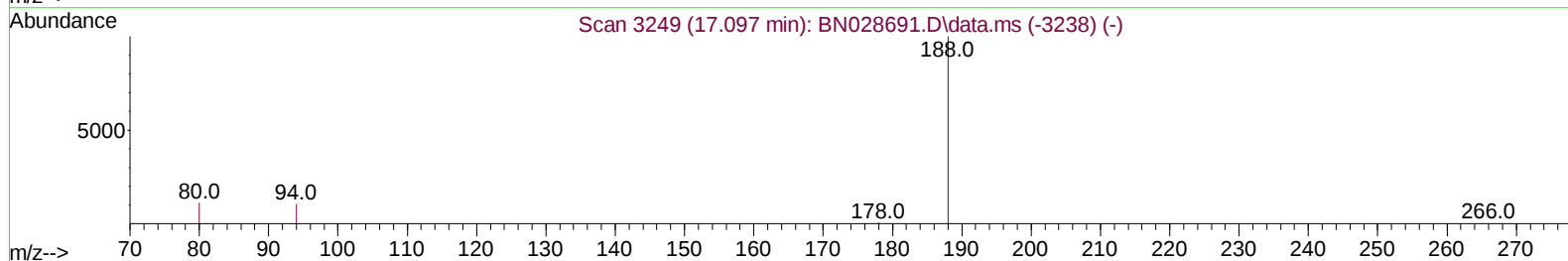
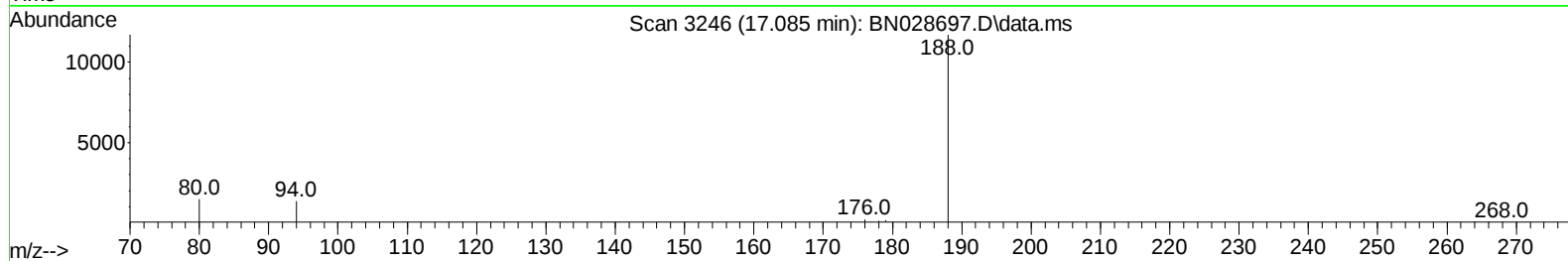
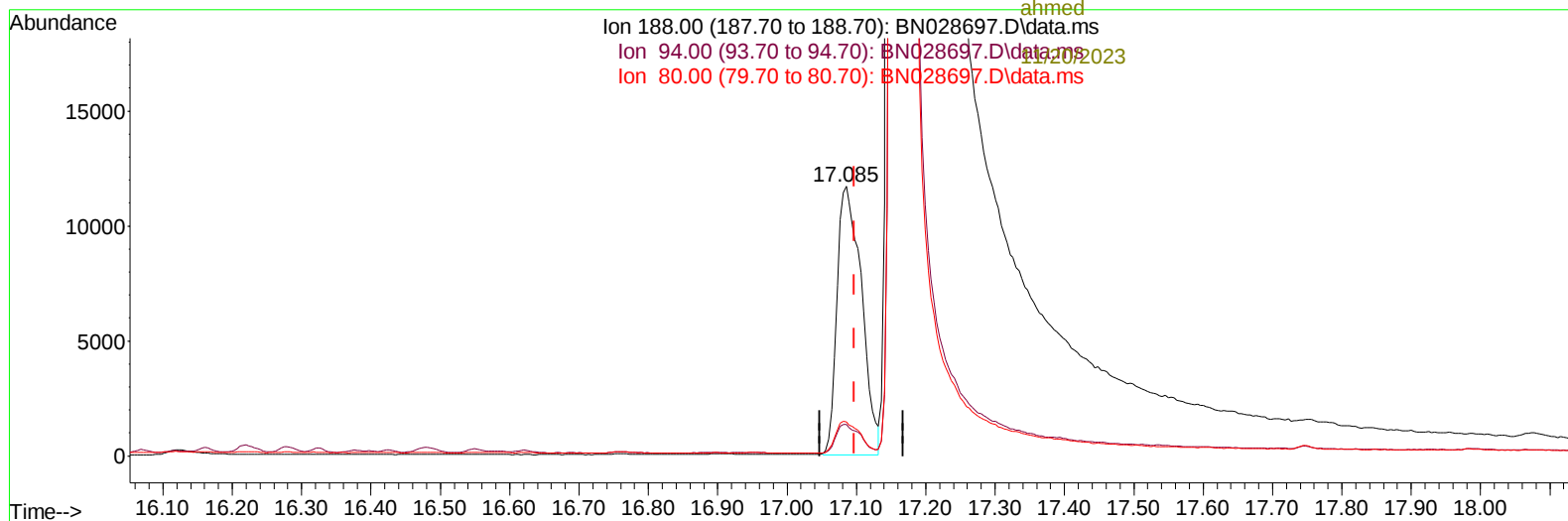
Instrument :
 BNA_N
 ClientSampleId :
 GCDM5

Manual IntegrationsAPPROVED

Quant Time: Nov 17 12:36:18 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 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023

11/17/2023
 Supervised By :mohammad
 ahmed



TIC: BN028697.D\data.ms

(13) Phenanthrene-d10 (I)

17.085min (-0.012) 0.40 ng/ul m

response 28574

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	11.68
80.00	10.90	12.58
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028697.D
 Acq On : 17 Nov 2023 12:04
 Operator : MA/JU
 Sample : 05338-20
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
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 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----11/20/2023						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	5666m	0.400	ng/ul	-0.13
4) Naphthalene-d8	10.479	136	24252	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.325	164	13675	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.085	188	28574m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.298	240	19905	0.400	ng/ul	# 0.00
23) Perylene-d12	23.575	264	23692	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	29149	4.655	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.140	152	6517m	0.178	ng/ul	0.01
18) Fluoranthene-d10	19.117	212	26136	0.408	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.150	88	4411	0.637	ng/ul	Qvalue 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028697.D
Acq On : 17 Nov 2023 12:04
Operator : MA/JU
Sample : 05338-20
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
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Manual IntegrationsAPPROVED

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