Quantitation Report (Qedit)

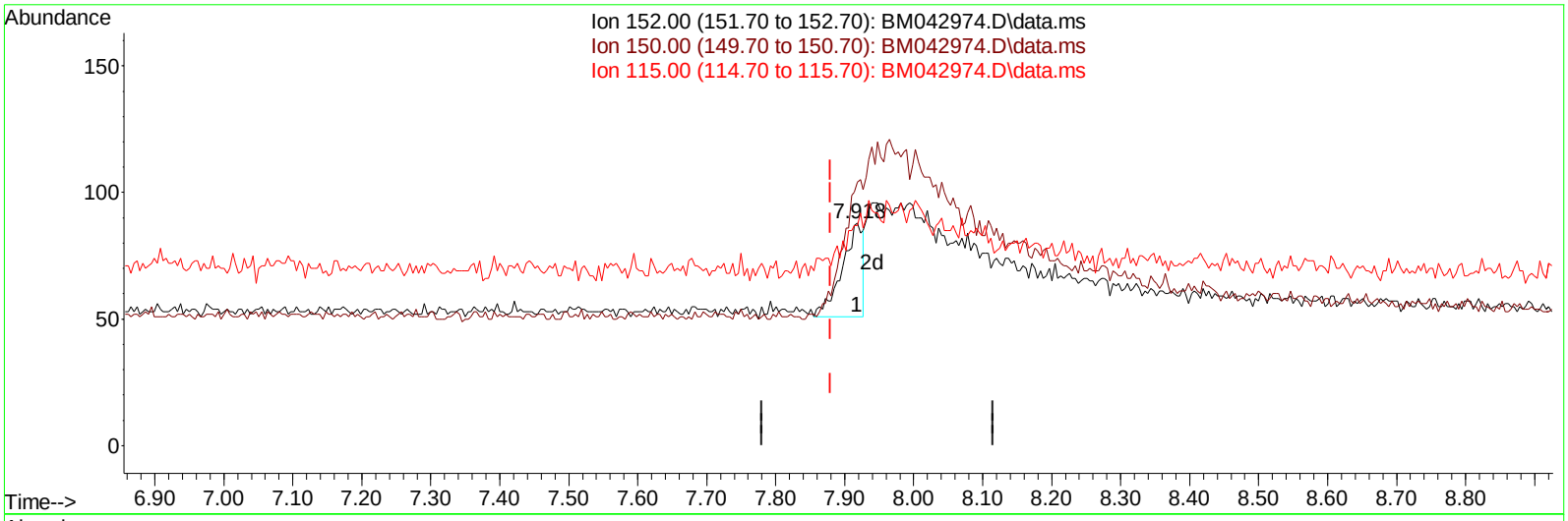
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042974.D
Acq On : 24 Nov 2023 11:50
Operator : MA/JU
Sample : SSTD0.172
Misc :
ALS Vial : 2 Sample Multiplier: 1

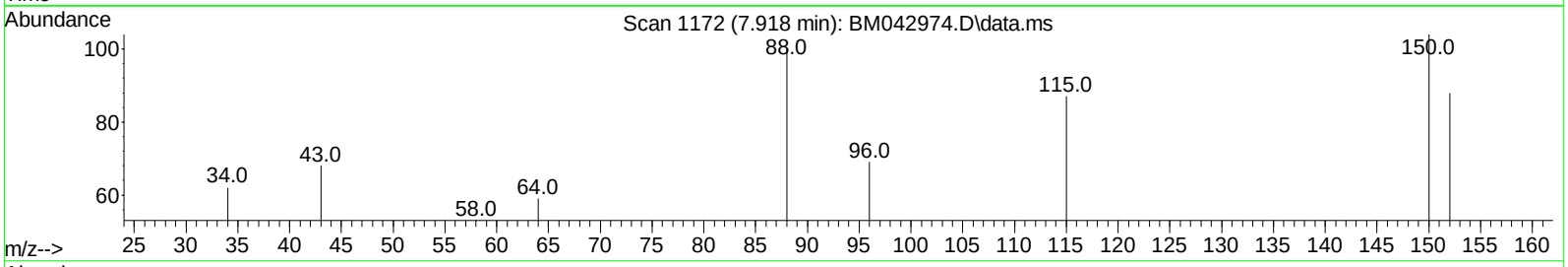
Quant Time: Nov 25 00:06:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:22:31 2023
Response via : Initial Calibration

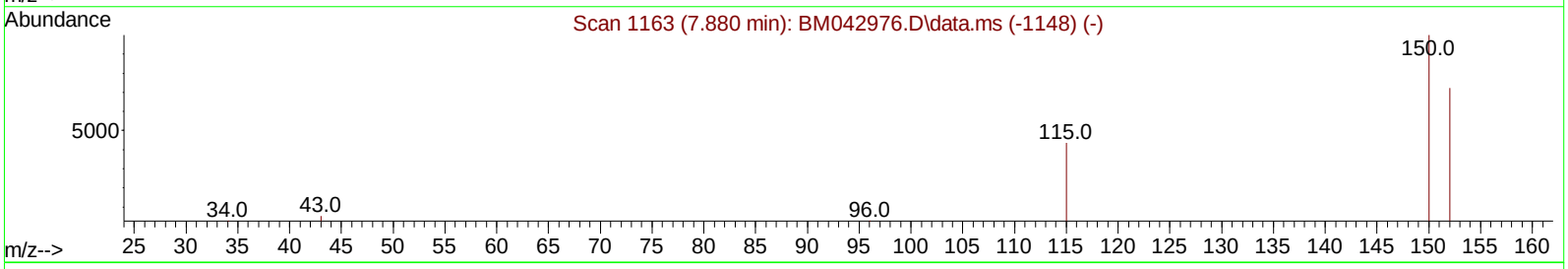
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023







TIC: BM042974.D\data.ms

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

7.918min (+ 0.038) 0.40 ng/ul

response 78

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	118.18
115.00	89.60	98.86
0.00	0.00	0.00

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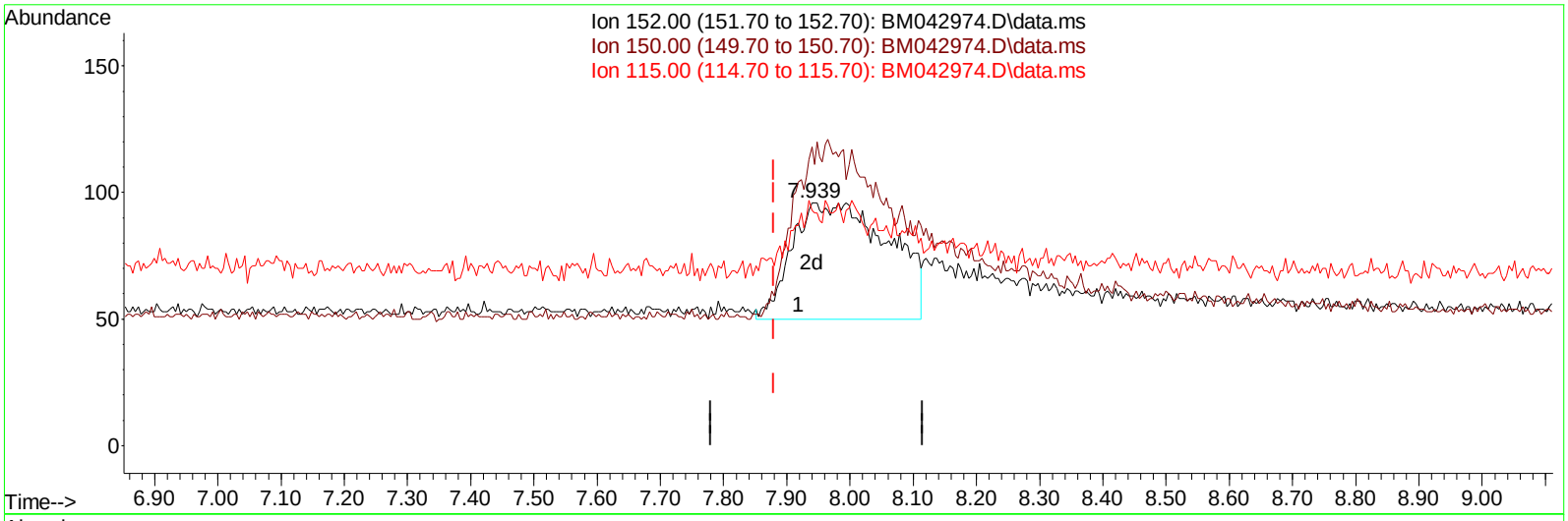

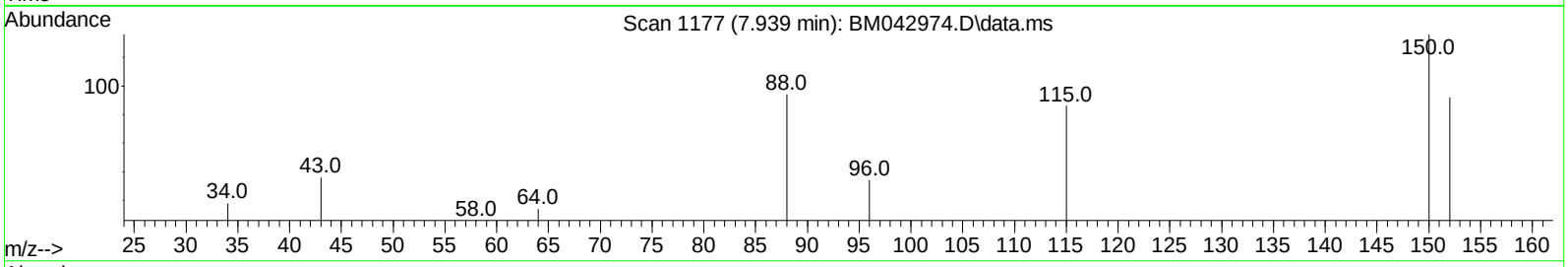

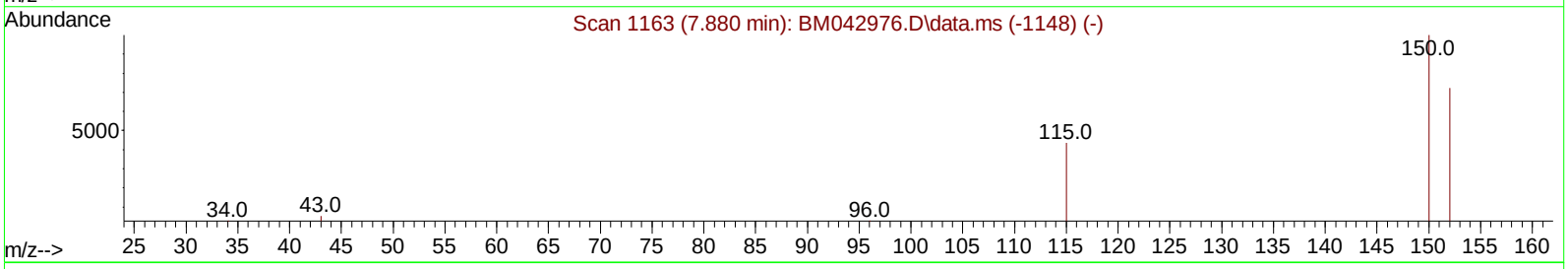

TIC: BM042974.D\data.ms

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

7.939min (+ 0.059) 0.40 ng/ul m

response 487

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	122.92
115.00	89.60	96.88
0.00	0.00	0.00

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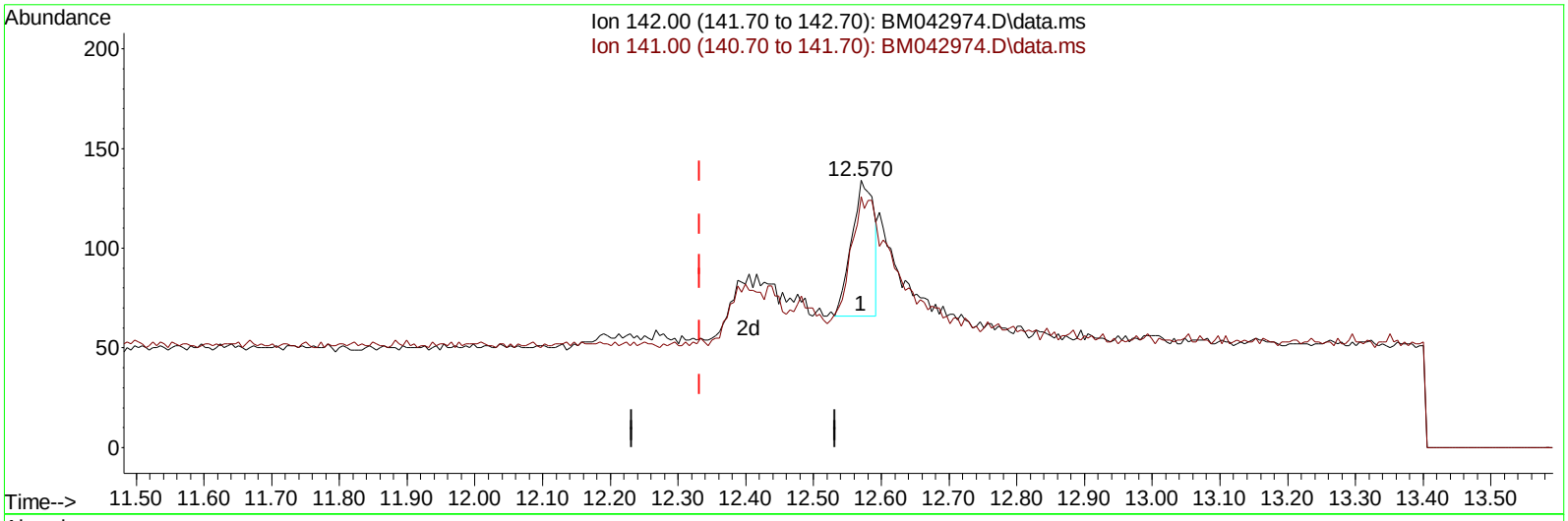

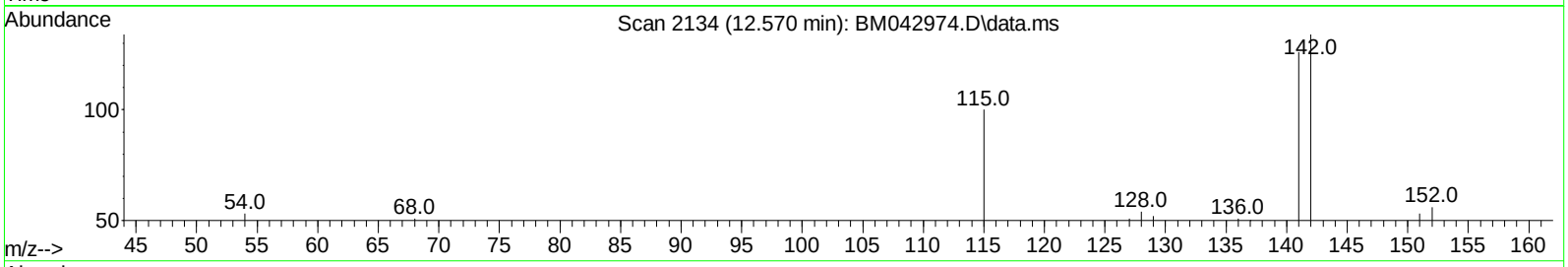

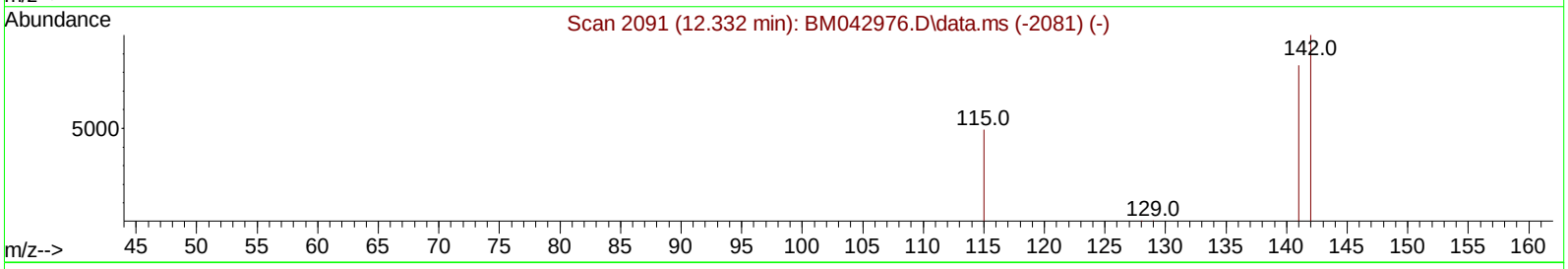

TIC: BM042974.D\data.ms

(7) 2-Methylnaphthalene

12.570min (+ 0.238) 0.06 ng/ul

response 156

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	95.10	100.64
0.00	0.00	0.00
0.00	0.00	0.00

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QLast Update : Fri Nov 24 14:31:08 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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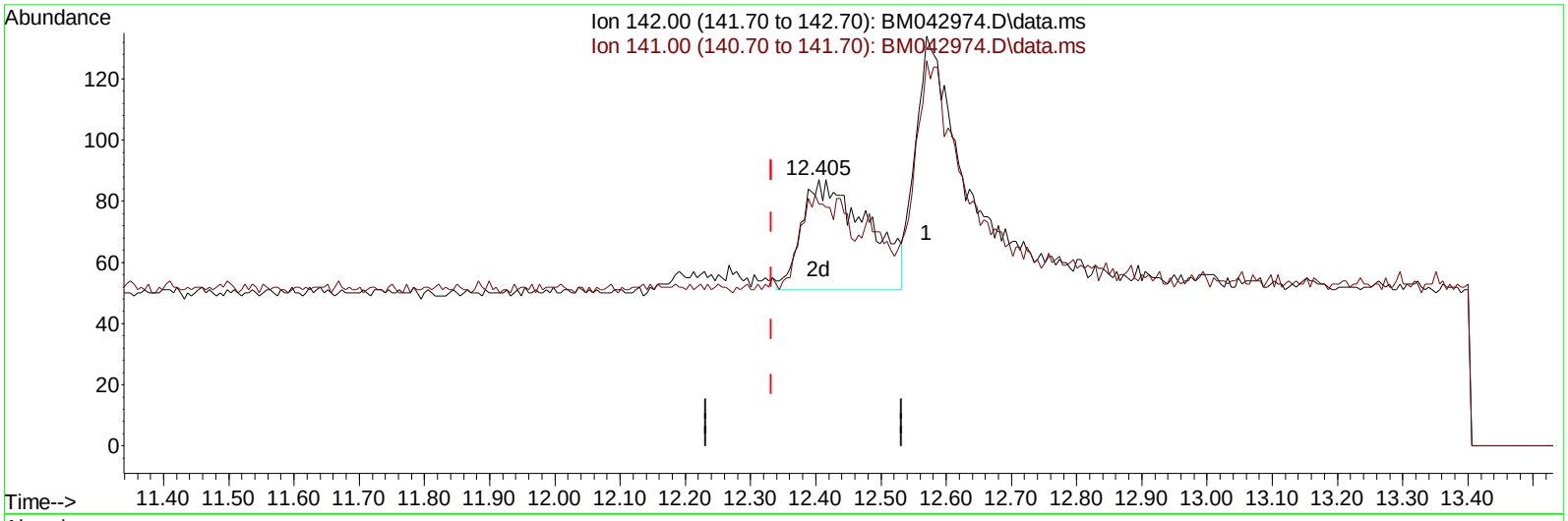

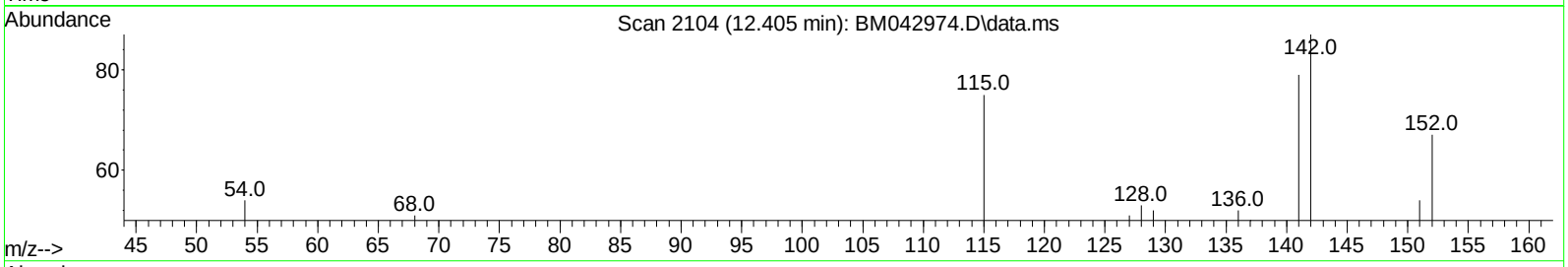

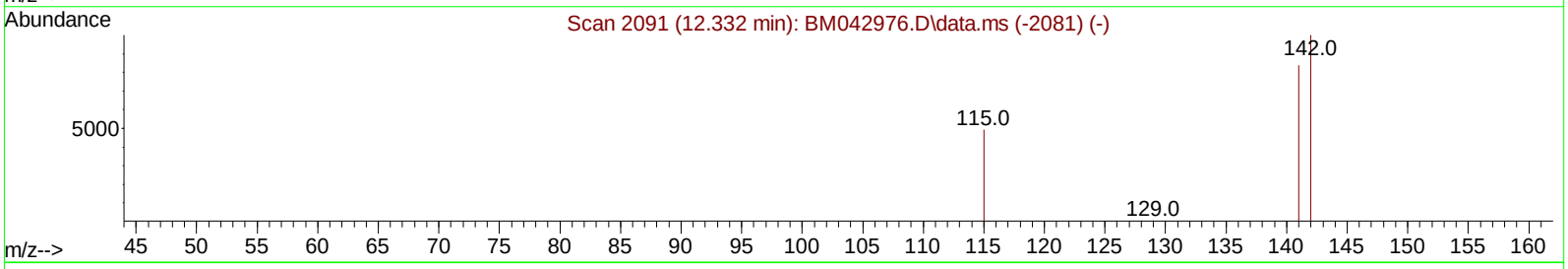

TIC: BM042974.D\data.ms

(7) 2-Methylnaphthalene

12.405min (+ 0.073) 0.08 ng/ul m

response 250

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	95.10	62.80#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 00:06:01 2023
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2023
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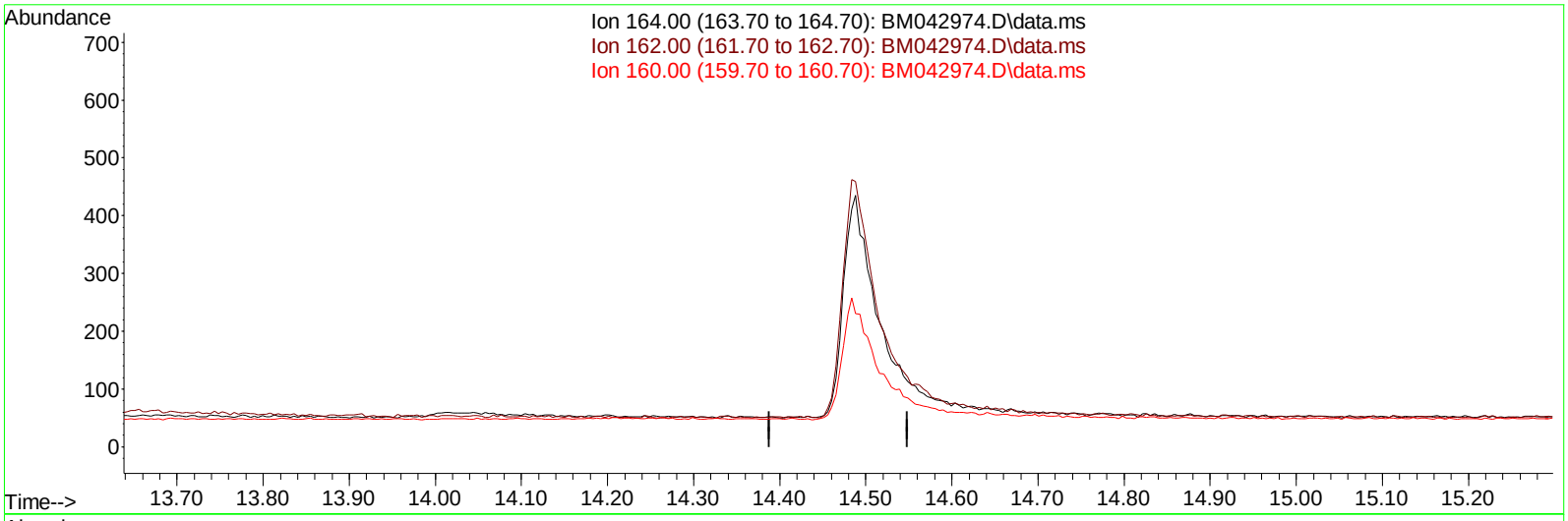

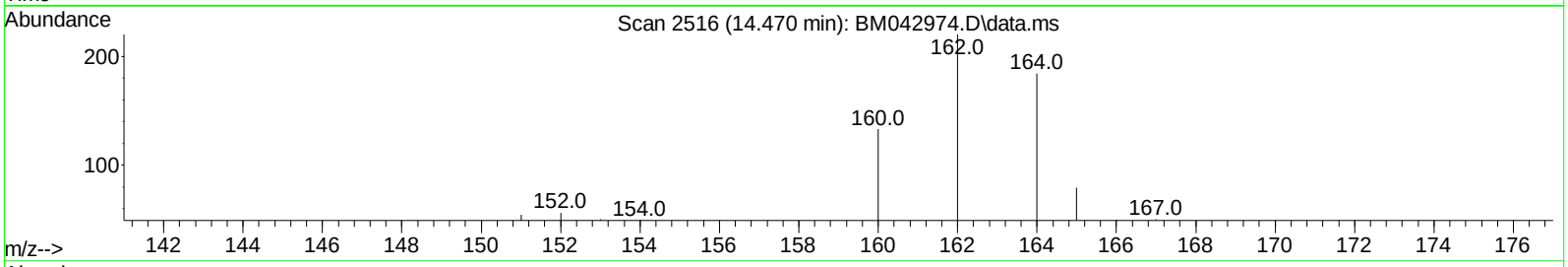

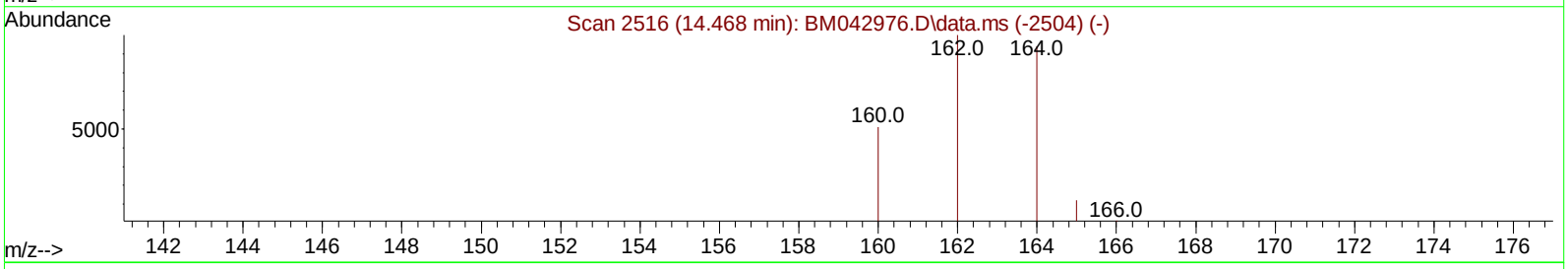

TIC: BM042974.D\data.ms

(9) Acenaphthene-d10 (I)

14.468min (-14.468) 0.00 ng/ul

response 0

Ion	Exp%	Act%
164.00	100.00	0.00
162.00	106.50	0.00#
160.00	57.20	0.00#
0.00	0.00	0.00

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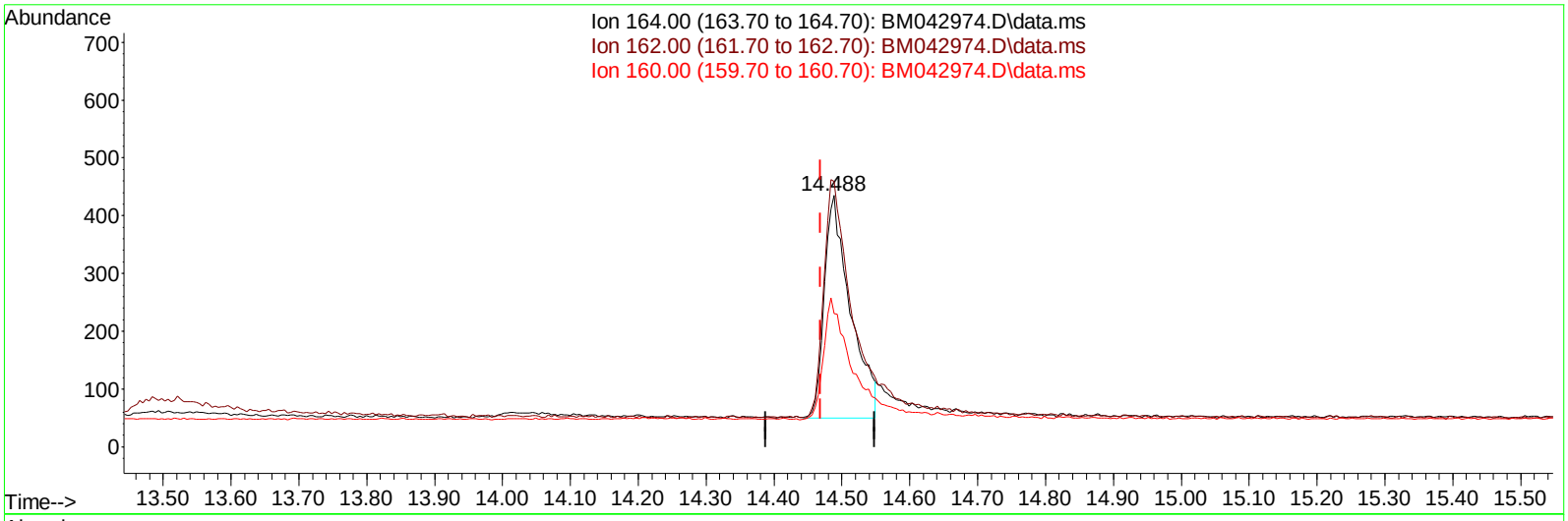

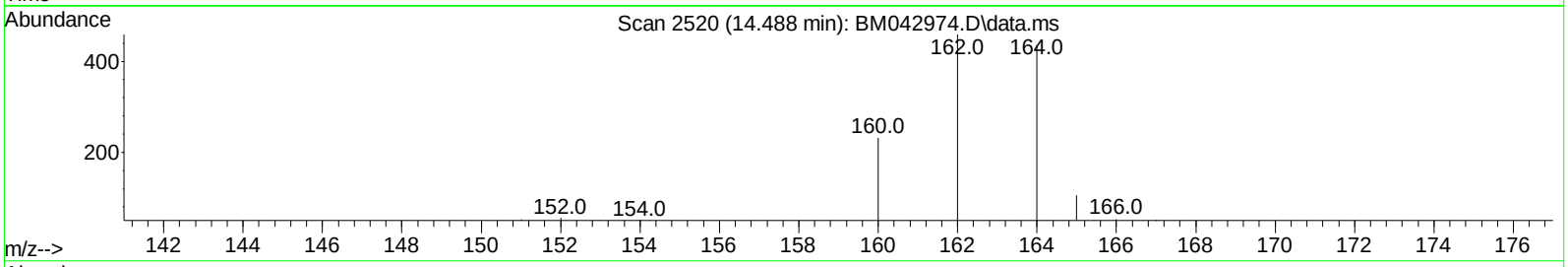

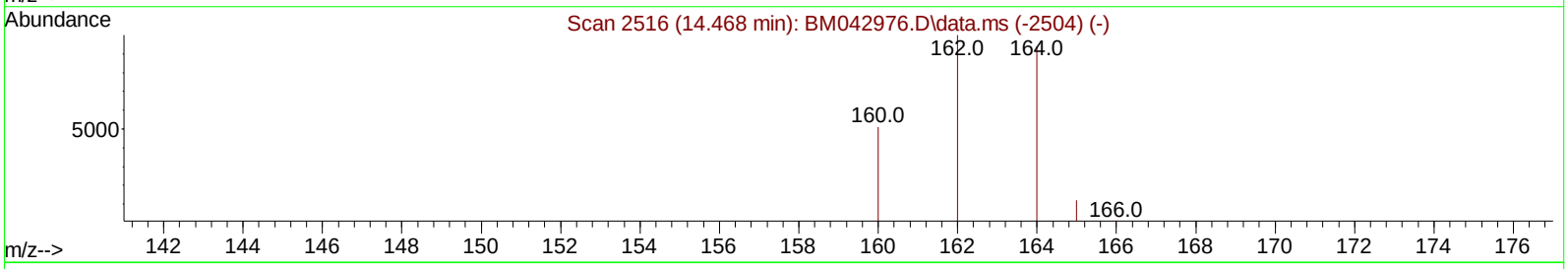

TIC: BM042974.D\data.ms

(9) Acenaphthene-d10 (I)

14.488min (+ 0.020) 0.40 ng/ul m

response 1023

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.52
160.00	57.20	53.10
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042974.D
Acq On : 24 Nov 2023 11:50
Operator : MA/JU
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Misc :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	487m	0.400	ng/ul	0.06
4) Naphthalene-d8	10.717	136	1685	0.400	ng/ul	# 0.07
9) Acenaphthene-d10	14.488	164	1023m	0.400	ng/ul	0.02
13) Phenanthrene-d10	17.268	188	2046	0.400	ng/ul	# 0.03
17) Chrysene-d12	21.438	240	1418	0.400	ng/ul	# 0.01
23) Perylene-d12	23.788	264	1975	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.339	152	202	0.093	ng/ul	0.09
18) Fluoranthene-d10	19.290	212	474	0.101	ng/ul	0.03
Target Compounds						Qvalue
5) Naphthalene	10.761	128	462	0.090	ng/ul#	28
7) 2-Methylnaphthalene	12.405	142	250m	0.082	ng/ul	
8) 1-Methylnaphthalene	12.570	142	299	0.093	ng/ul	100
10) Acenaphthylene	14.229	152	535	0.083	ng/ul#	60
11) Acenaphthene	14.553	153	401	0.087	ng/ul	95
12) Fluorene	15.589	166	358	0.072	ng/ul#	88
15) Phenanthrene	17.323	178	579	0.084	ng/ul#	60
16) Anthracene	17.441	178	531	0.075	ng/ul#	51
19) Fluoranthene	19.327	202	746	0.086	ng/ul#	54
20) Pyrene	19.681	202	852	0.091	ng/ul#	67
21) Benzo(a)anthracene	21.441	228	396	0.064	ng/ul#	76
22) Chrysene	21.473	228	890	0.104	ng/ul#	84
24) Benzo(b)fluoranthene	23.069	252	576	0.074	ng/ul#	41
25) Benzo(k)fluoranthene	23.130	252	895	0.092	ng/ul#	40
26) Benzo(a)pyrene	23.712	252	729	0.092	ng/ul#	32
27) Indeno(1,2,3-cd)pyrene	26.295	276	865	0.081	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.322	278	686	0.086	ng/ul#	37
29) Benzo(g,h,i)perylene	27.043	276	904	0.097	ng/ul#	69

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

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