Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043045.D
Acq On : 27 Nov 2023 11:22
Operator : MA/JU
Sample : 05261-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 28 06:39:13 2023
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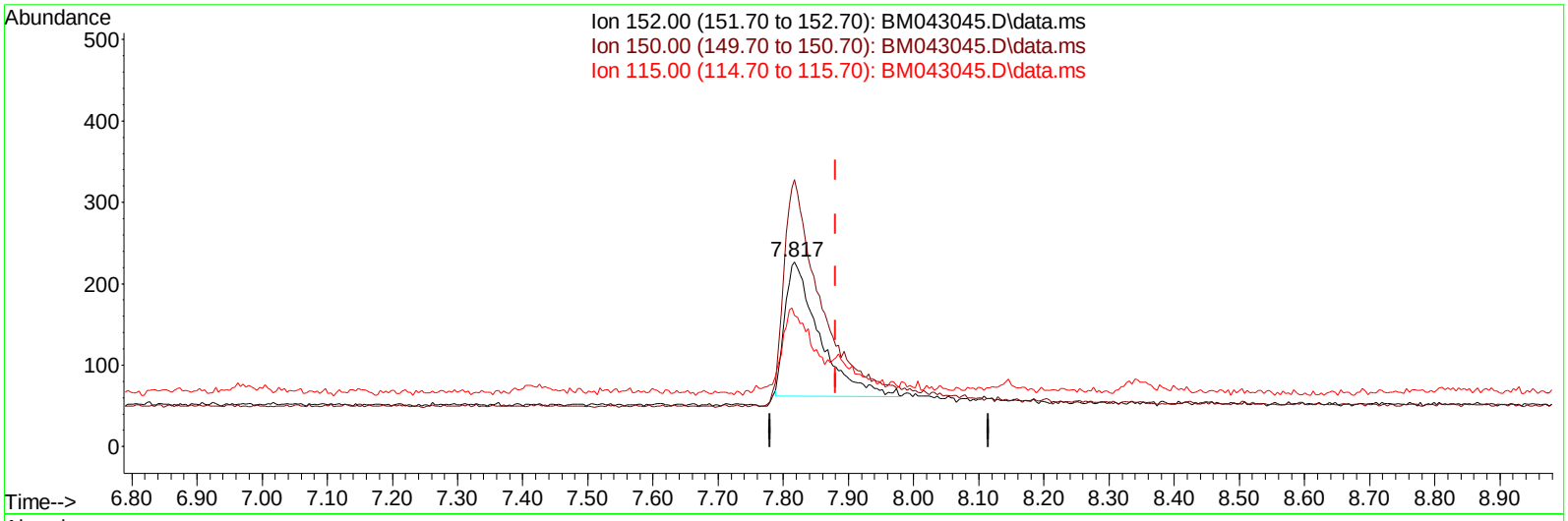
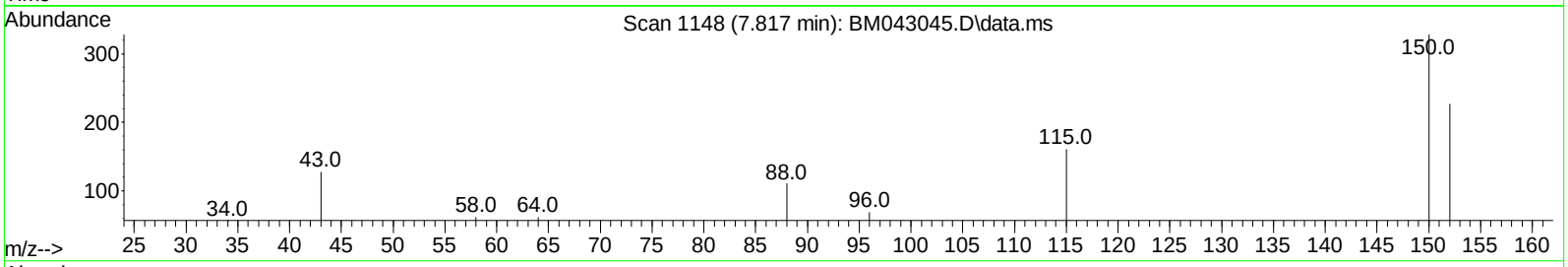
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

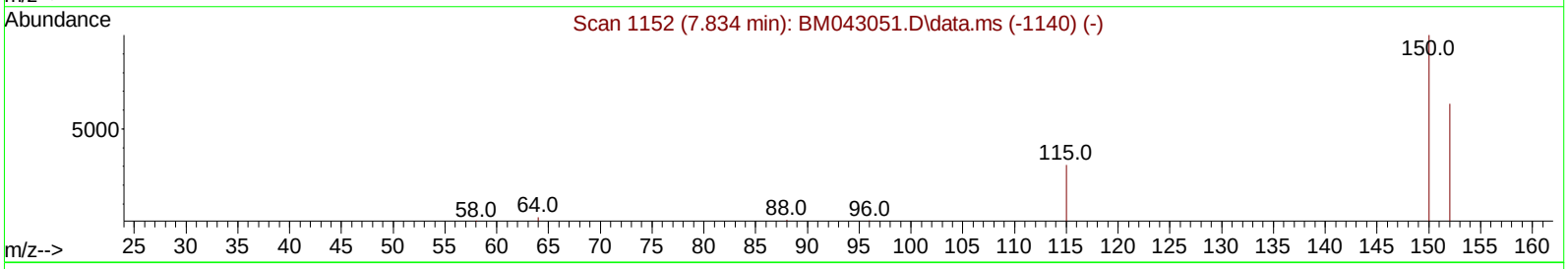
Instrument :
BNA_M
ClientSampleId :
DCKV2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023







TIC: BM043045.D\data.ms

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

7.817min (-0.063) 0.40 ng/ul

response 609

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	144.49
115.00	89.60	70.93#
0.00	0.00	0.00

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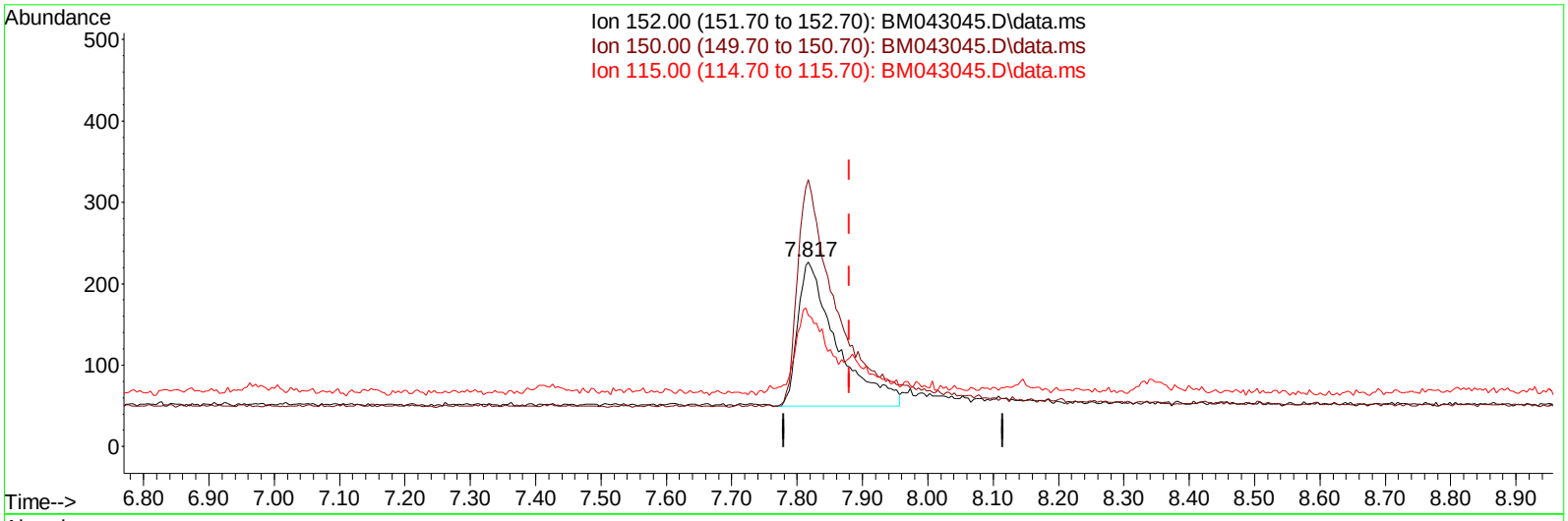

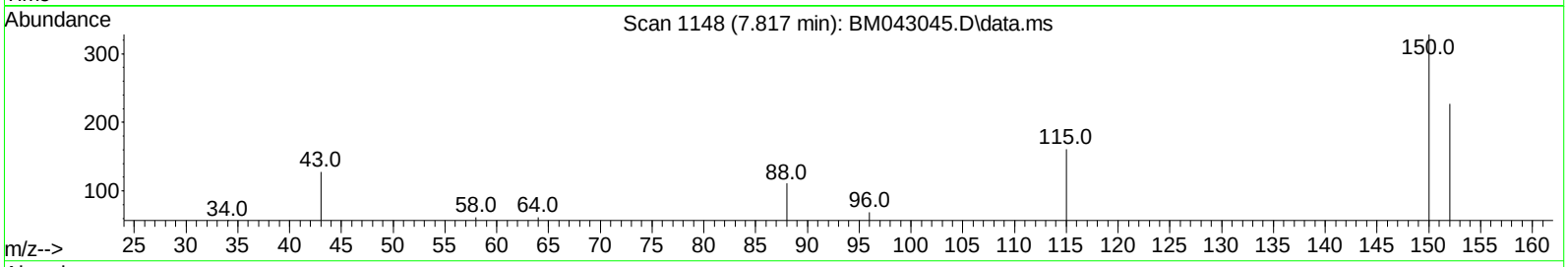

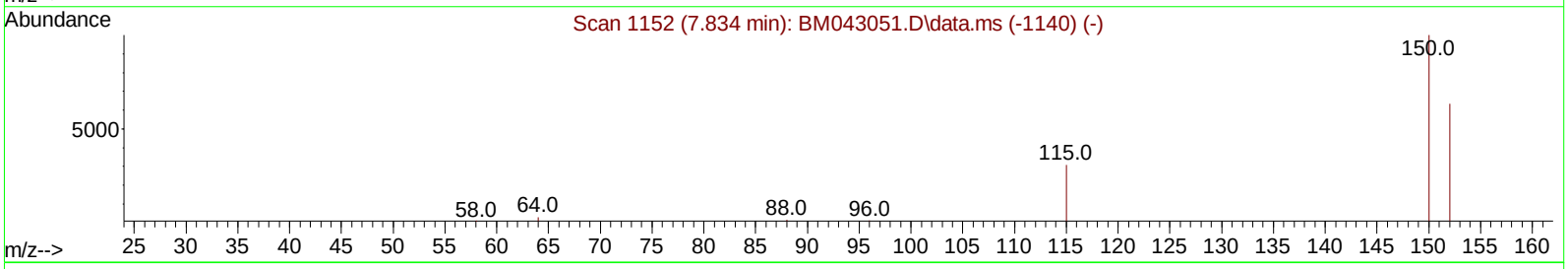

TIC: BM043045.D\data.ms

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

7.817min (-0.063) 0.40 ng/ul m

response 728

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	144.49
115.00	89.60	70.93#
0.00	0.00	0.00

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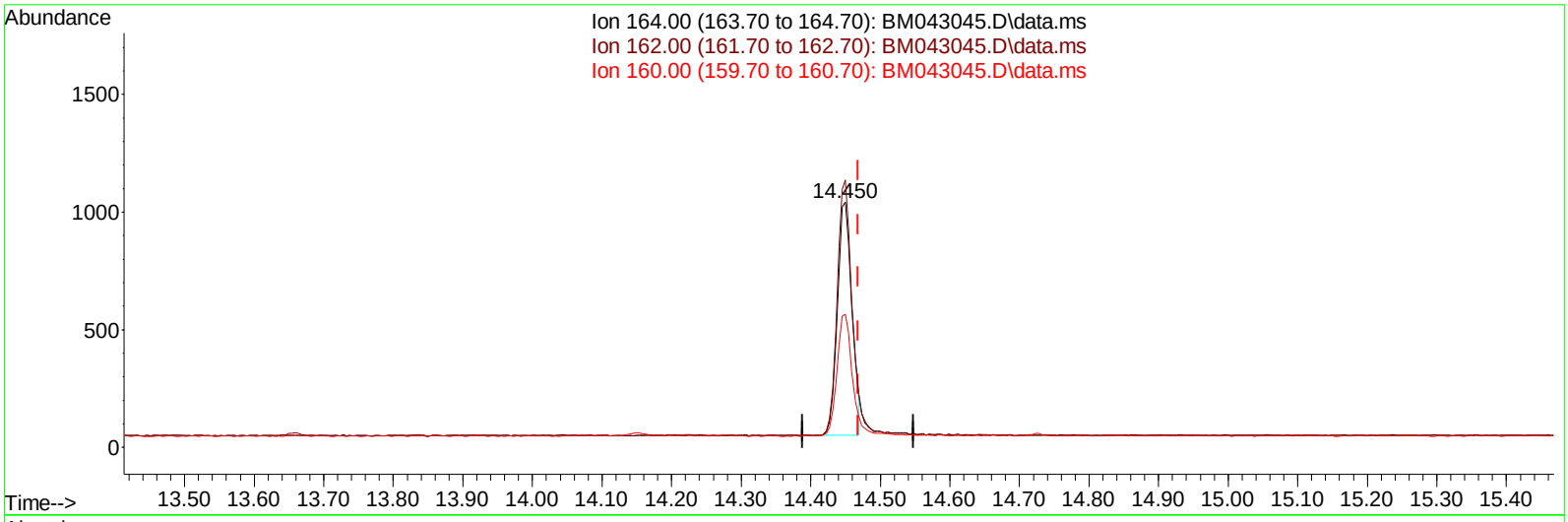

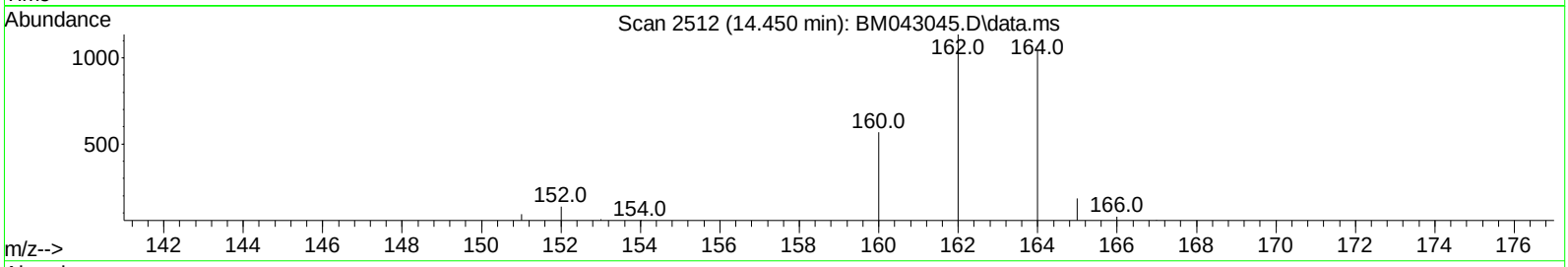

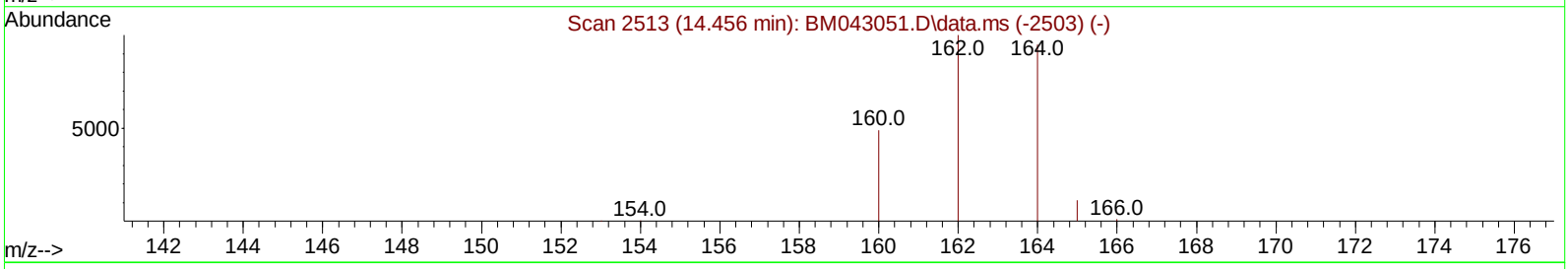

TIC: BM043045.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.018) 0.40 ng/ul

response 1439

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	108.92
160.00	57.20	54.36
0.00	0.00	0.00

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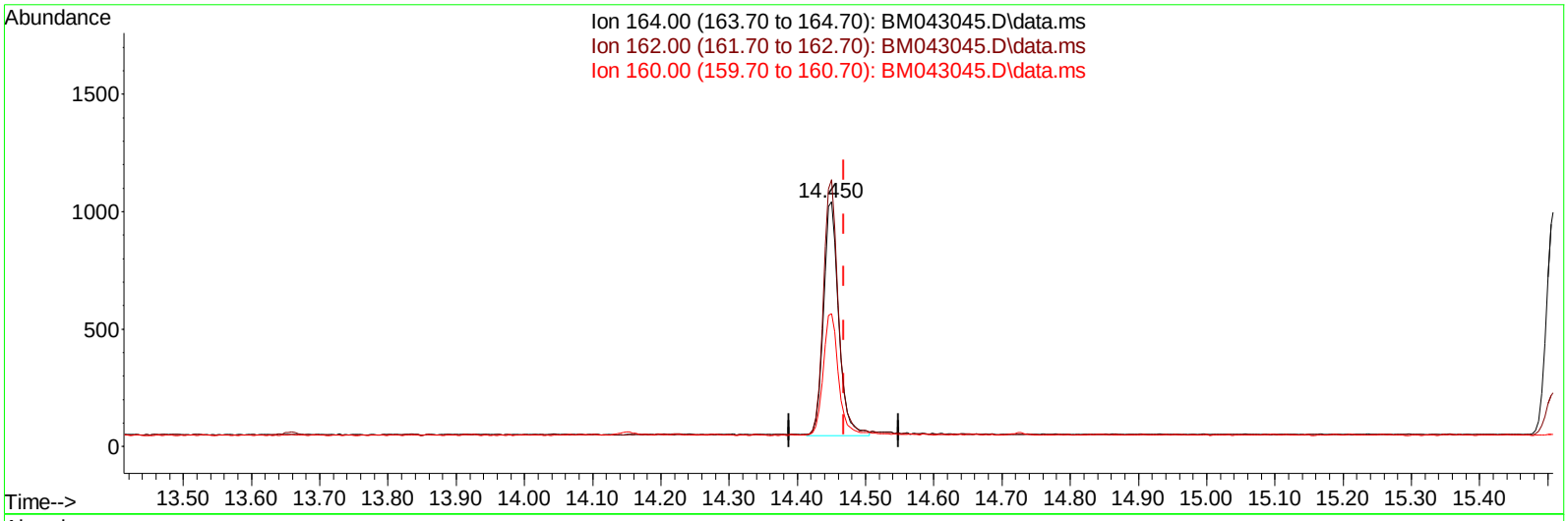

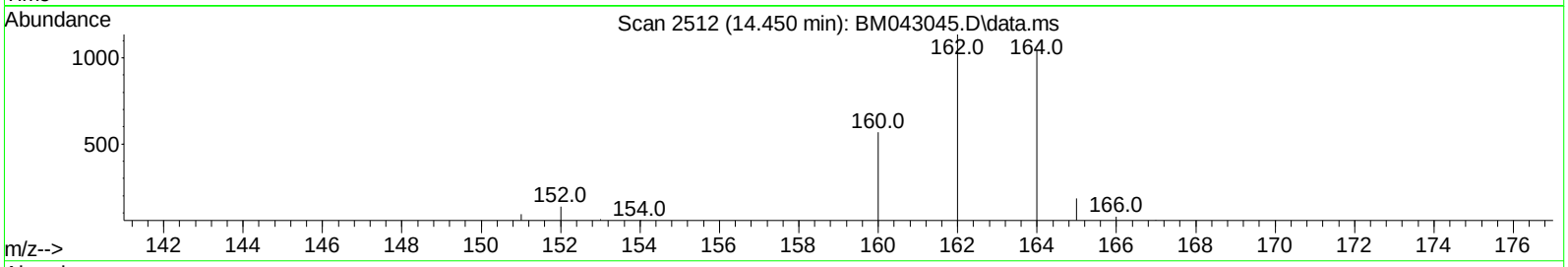

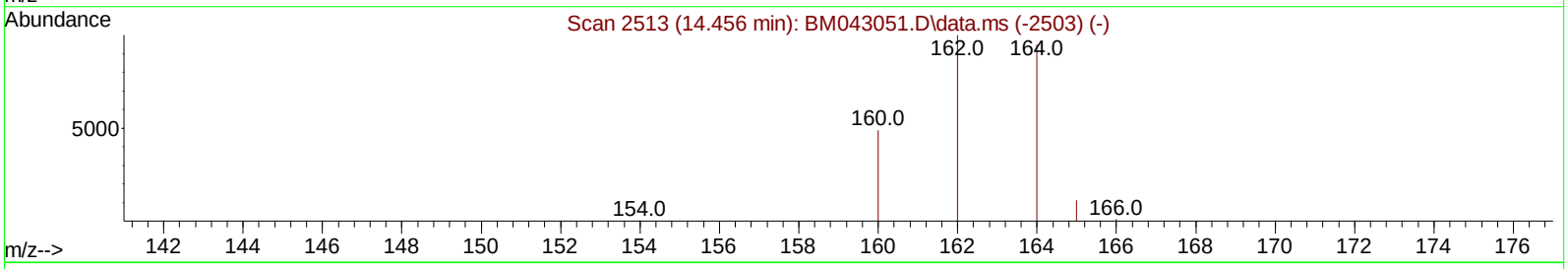

TIC: BM043045.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.018) 0.40 ng/ul m

response 1533

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	108.92
160.00	57.20	54.36
0.00	0.00	0.00

Quantitation Report (Qedit)

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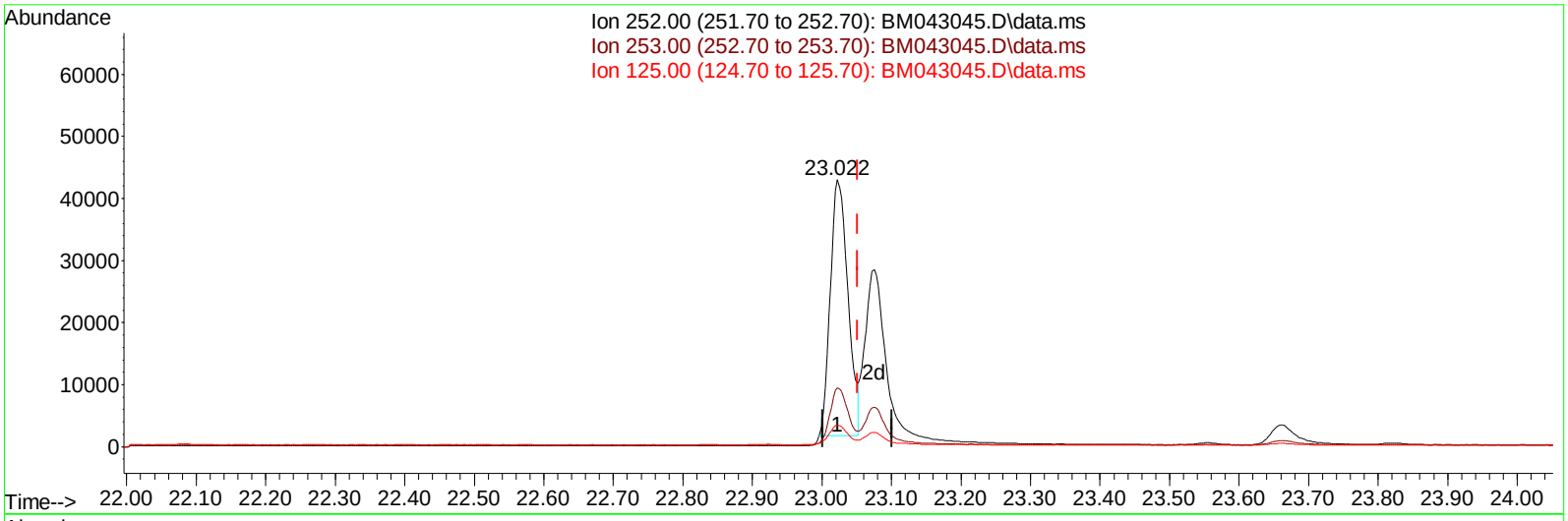

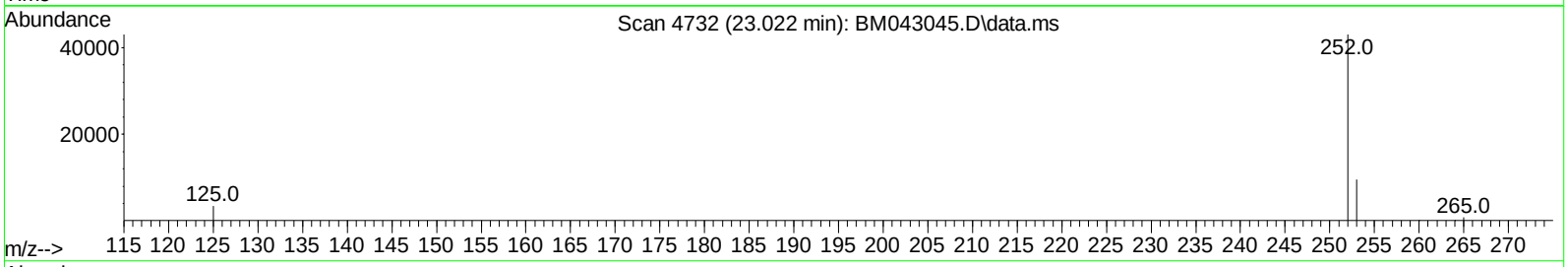

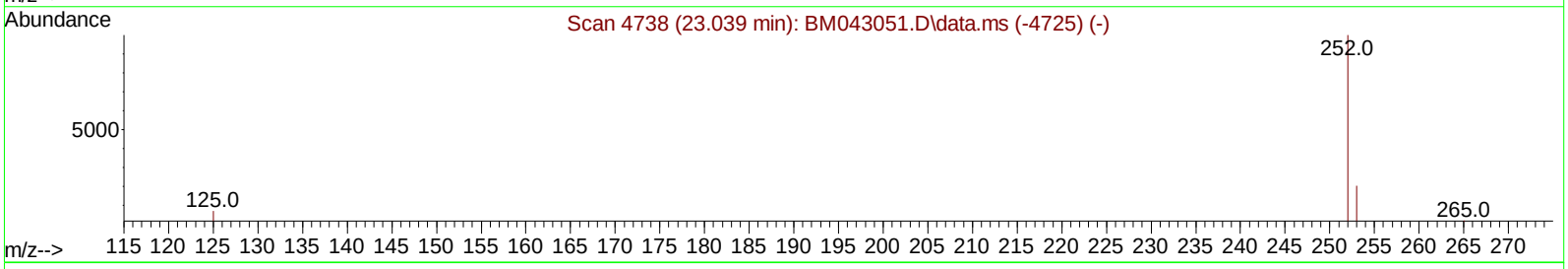

TIC: BM043045.D\data.ms

(24) Benzo(b)fluoranthene

23.022min (-0.029) 7.77 ng/ul

response 72445

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.90	22.11
125.00	14.50	7.98
0.00	0.00	0.00

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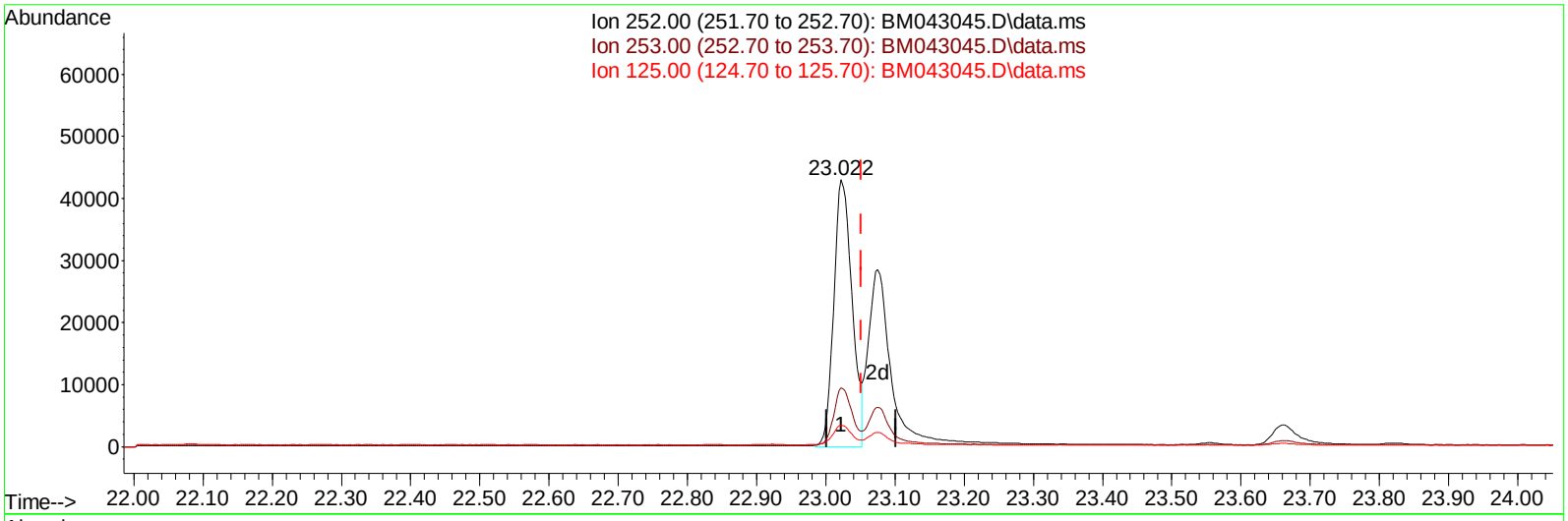

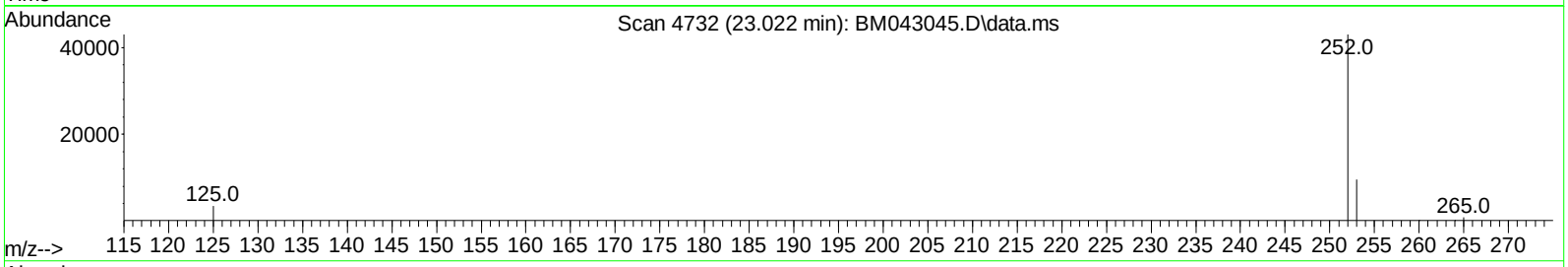

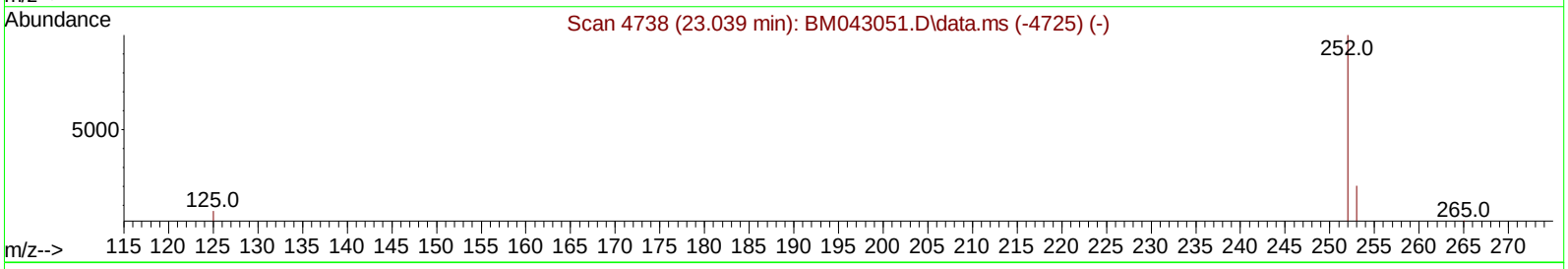

TIC: BM043045.D\data.ms

(24) Benzo(b)fluoranthene

23.022min (-0.029) 8.46 ng/ul m

response 78903

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.90	22.11
125.00	14.50	7.98
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	728m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.605	136	2444	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.450	164	1533m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.208	188	3367	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.400	240	2441	0.400	ng/ul	-0.02
23) Perylene-d12	23.768	264	2764	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	602	0.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	960	0.294	ng/ul	-0.02
18) Fluoranthene-d10	19.238	212	3022	0.340	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.655	128	24095	3.627	ng/ul#	83
10) Acenaphthylene	14.177	152	46459	5.938	ng/ul#	90
11) Acenaphthene	14.510	153	73853	12.459	ng/ul	95
12) Fluorene	15.509	166	13559	2.228	ng/ul#	98
15) Phenanthrene	17.246	178	136488	14.206	ng/ul#	92
16) Anthracene	17.338	178	112629	12.372	ng/ul#	87
19) Fluoranthene	19.270	202	82991	5.997	ng/ul#	90
20) Pyrene	19.638	202	102217	6.946	ng/ul#	91
21) Benzo(a)anthracene	21.386	228	32794	4.140	ng/ul	93
22) Chrysene	21.438	228	67041	4.545	ng/ul	95
24) Benzo(b)fluoranthene	23.022	252	78903m	8.459	ng/ul	
25) Benzo(k)fluoranthene	23.075	252	61792	4.810	ng/ul#	80
26) Benzo(a)pyrene	23.660	252	8985	0.883	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.192	276	74046	5.375	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.205	278	58595	5.498	ng/ul#	73
29) Benzo(g,h,i)perylene	26.960	276	54078	4.035	ng/ul#	88

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

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