Quantitation Report (Qedit)

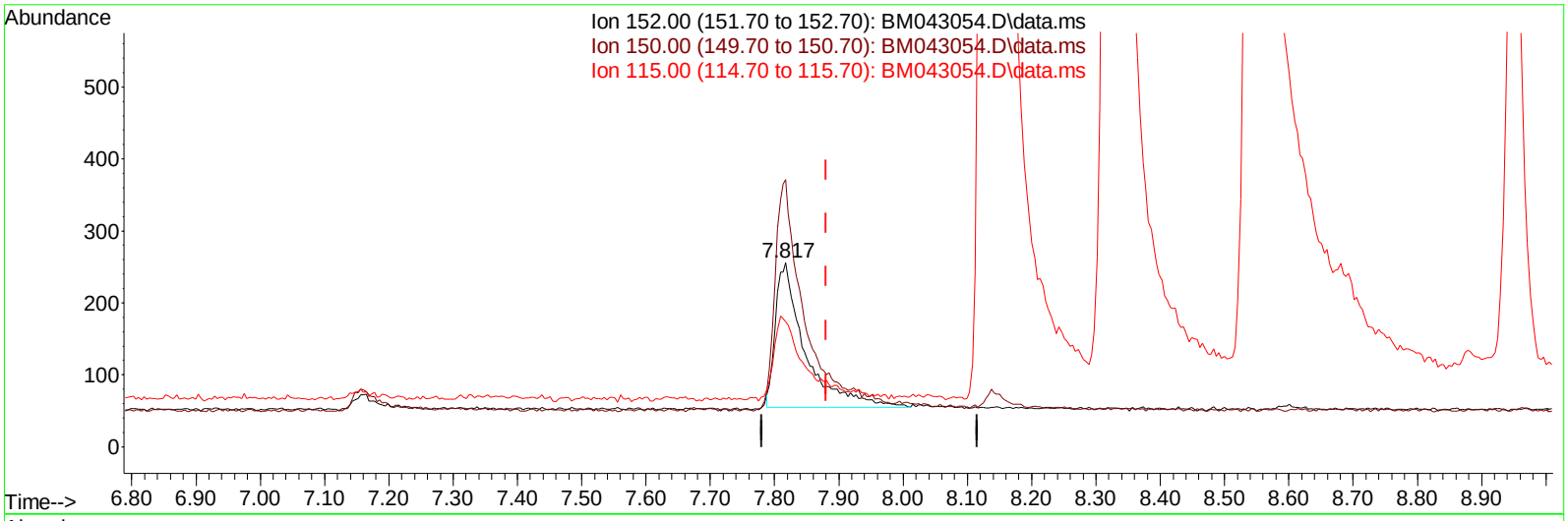
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043054.D
Acq On : 27 Nov 2023 18:12
Operator : MA/JU
Sample : 05336-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

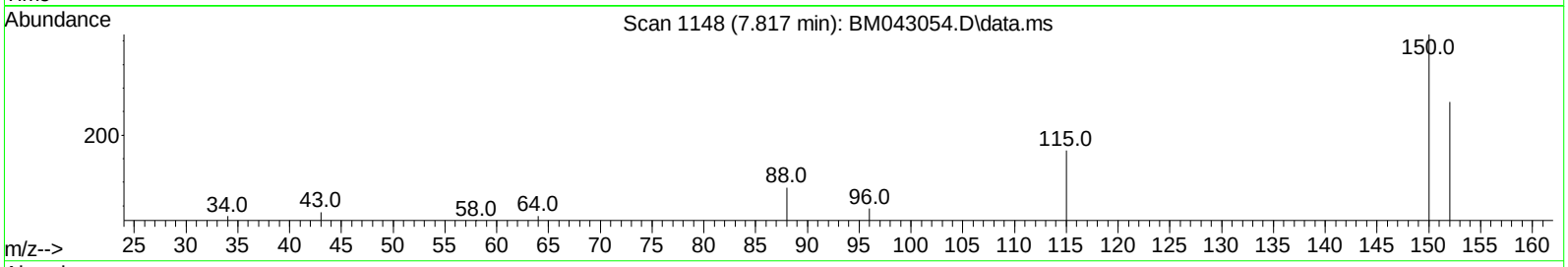
Quant Time: Nov 28 00:22:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

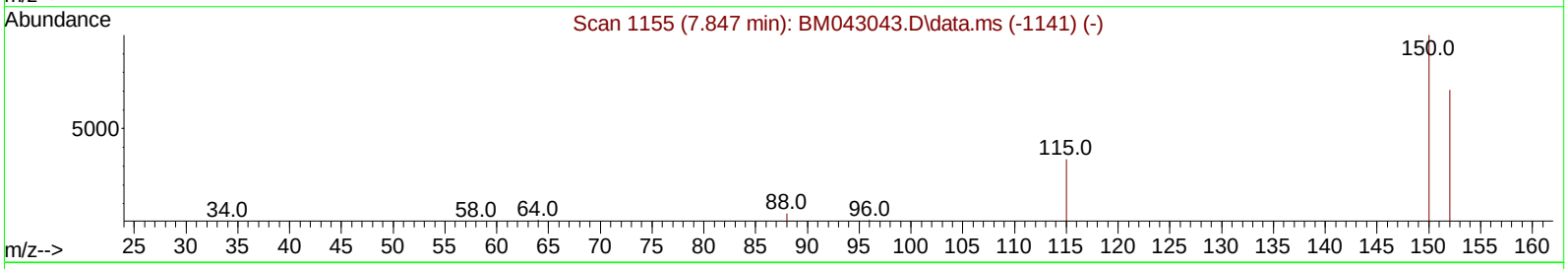
Instrument :
BNA_M
ClientSampleId :
DCKB9DL

Manual IntegrationsAPPROVED

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







TIC: BM043054.D\data.ms

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

7.817min (-0.063) 0.40 ng/ul

response 637

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	144.92
115.00	89.60	67.97#
0.00	0.00	0.00

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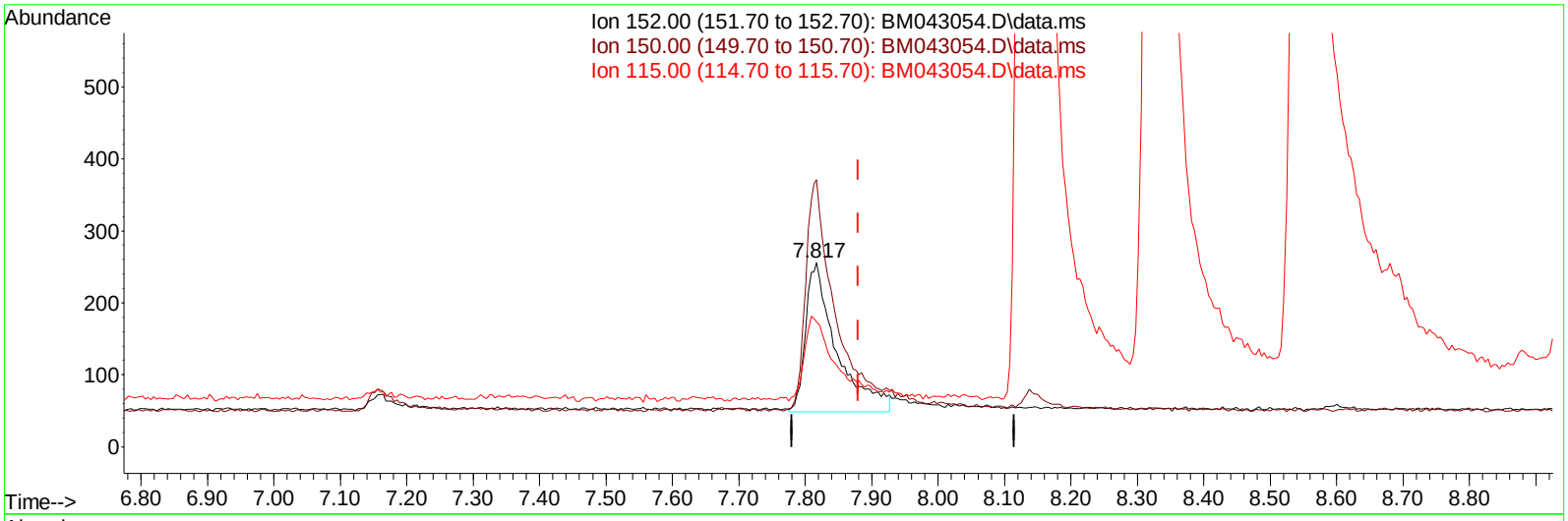

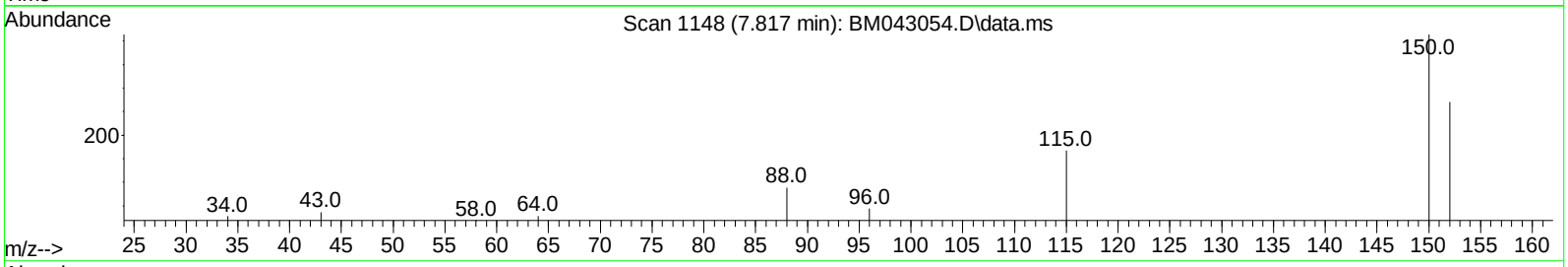

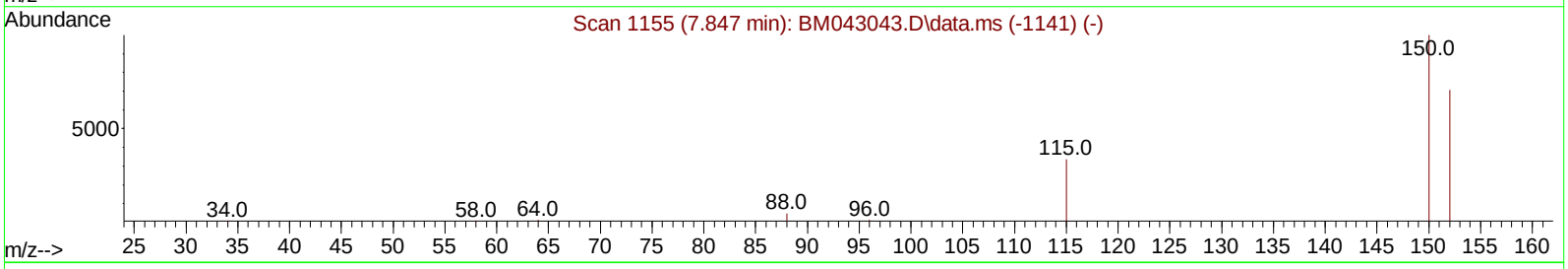

TIC: BM043054.D\data.ms

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

7.817min (-0.063) 0.40 ng/ul m

response 665

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	144.92
115.00	89.60	67.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

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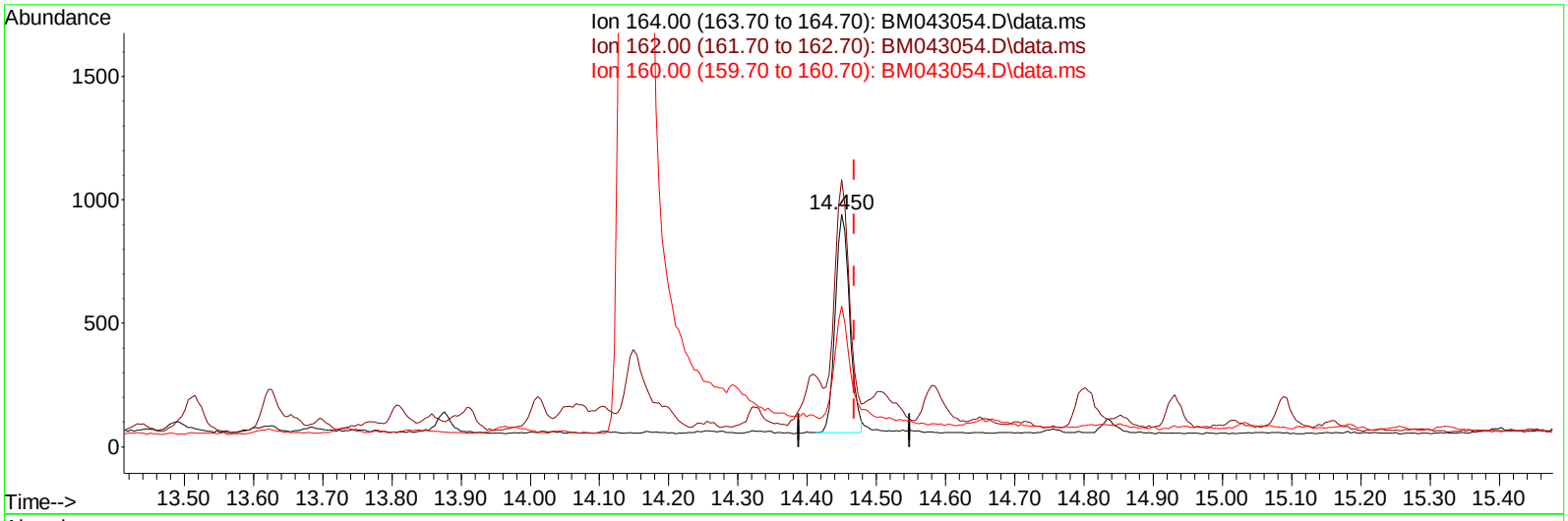

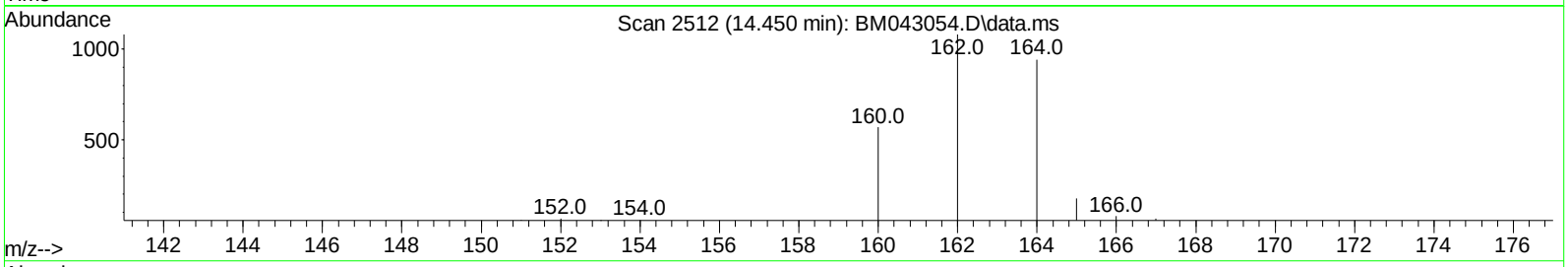

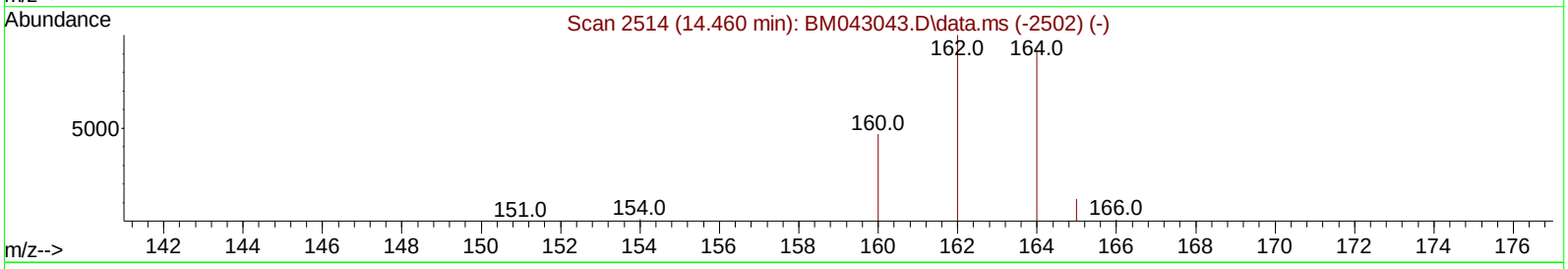

TIC: BM043054.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.018) 0.40 ng/ul

response 1298

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	114.76
160.00	57.20	60.40
0.00	0.00	0.00

Quantitation Report (Qedit)

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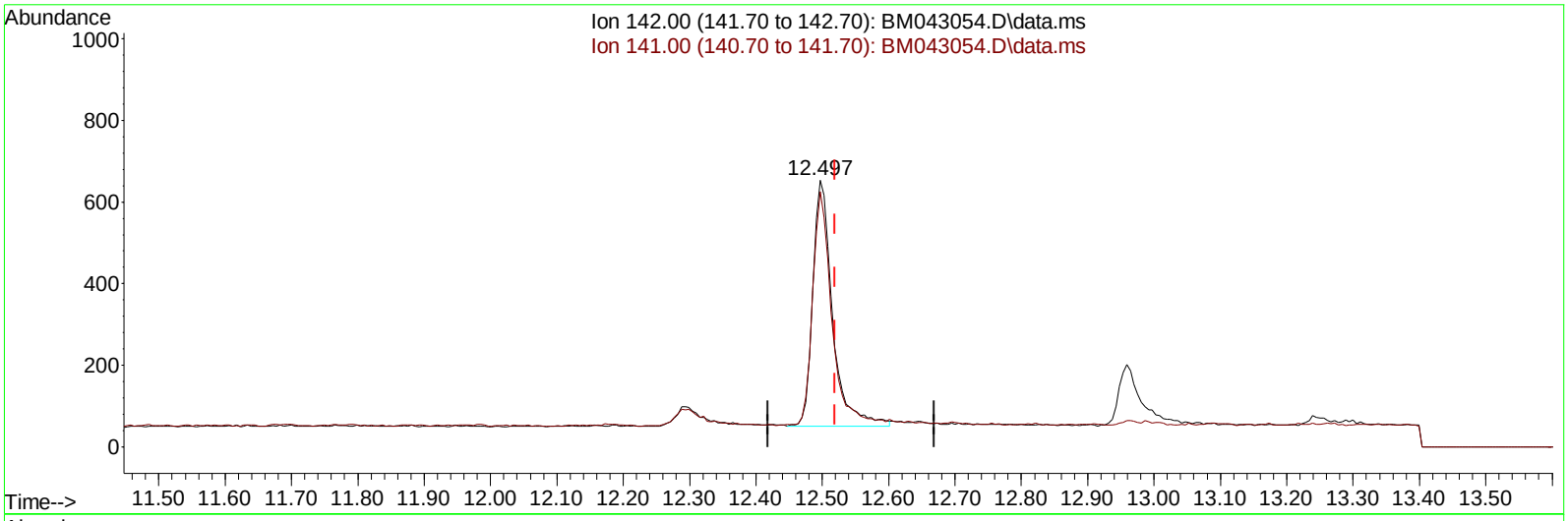

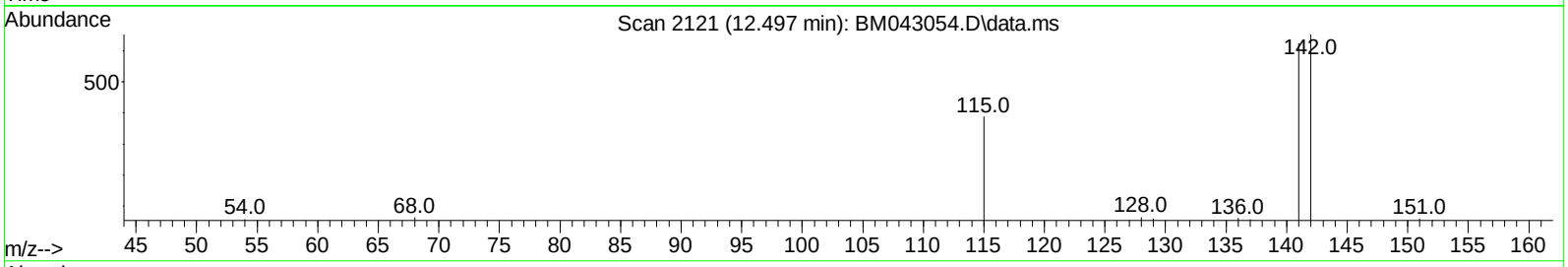

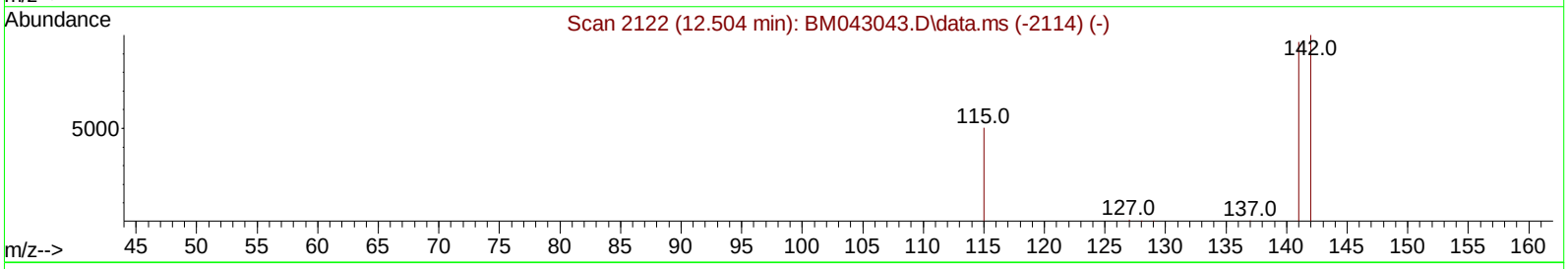

TIC: BM043054.D\data.ms

(8) 1-Methylnaphthalene

12.497min (-0.022) 0.34 ng/ul

response 1249

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	92.30	93.03
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 12 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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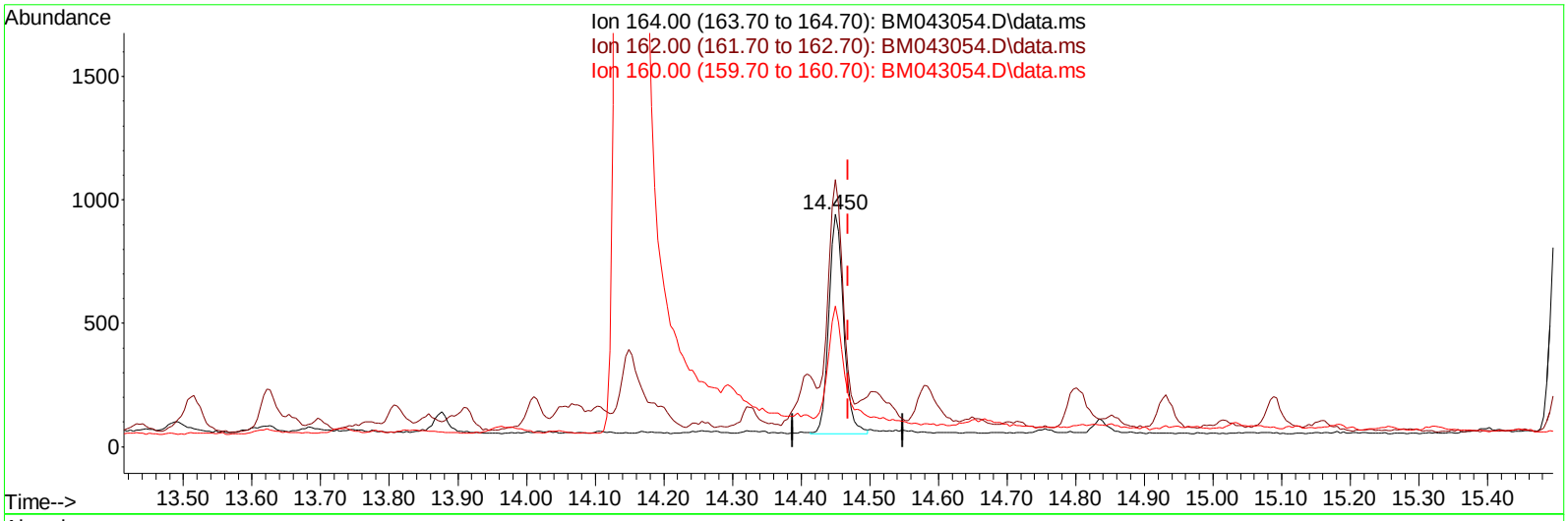

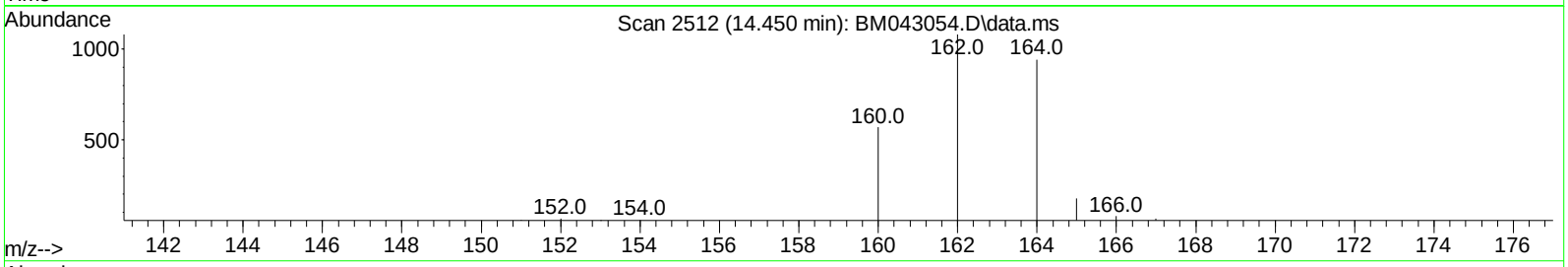

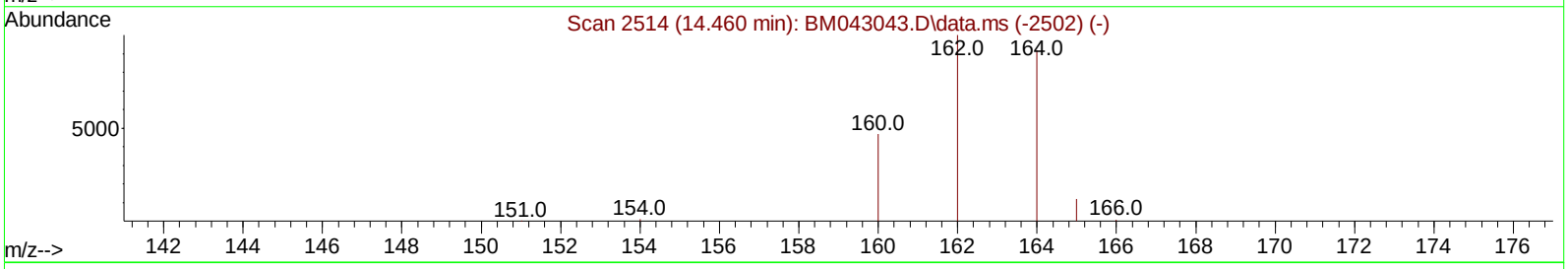

TIC: BM043054.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.018) 0.40 ng/ul m

response 1344

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	114.76
160.00	57.20	60.40
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 12 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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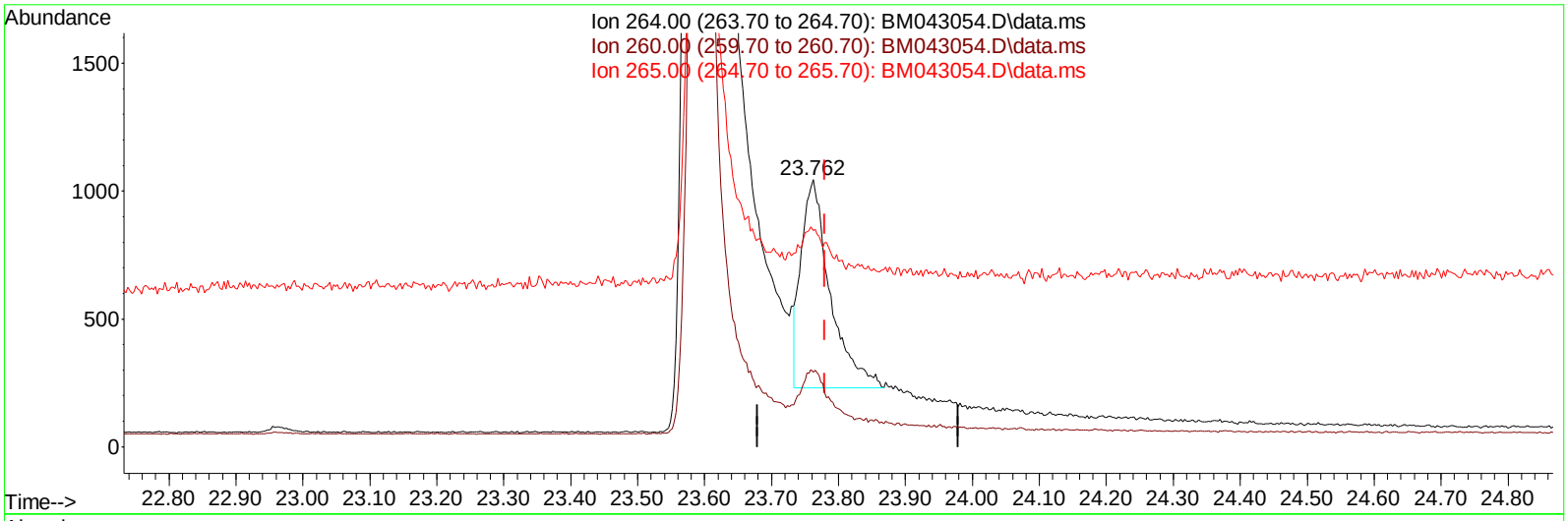

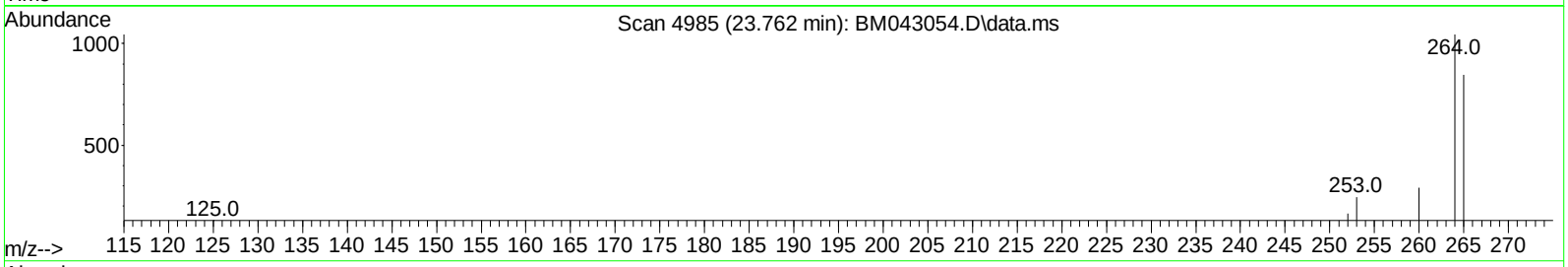

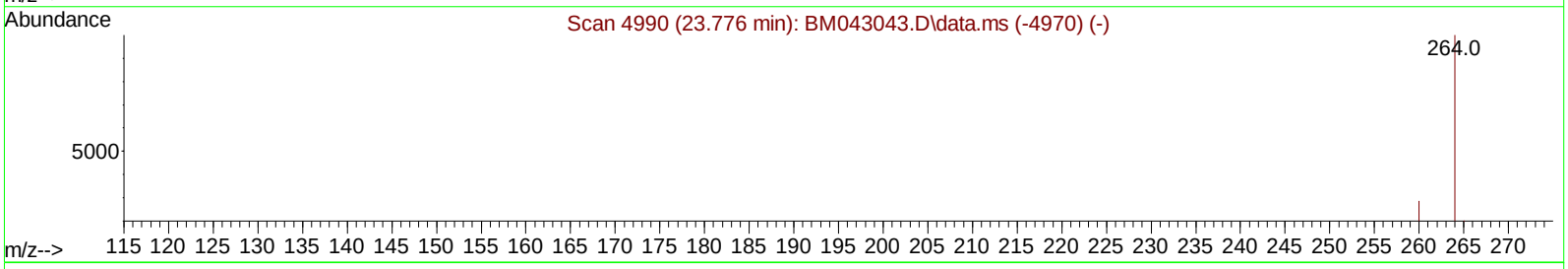

TIC: BM043054.D\data.ms

(23) Perylene-d12 (I)

23.762min (-0.017) 0.40 ng/ul

response 2459

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.97
265.00	120.30	80.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

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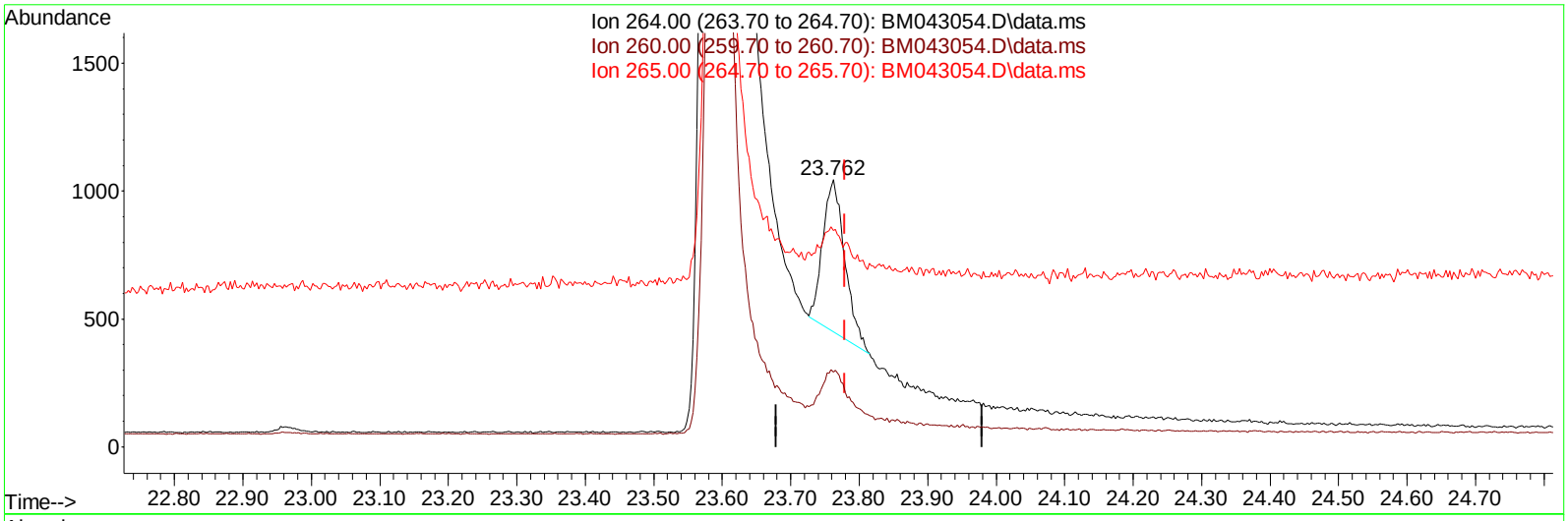

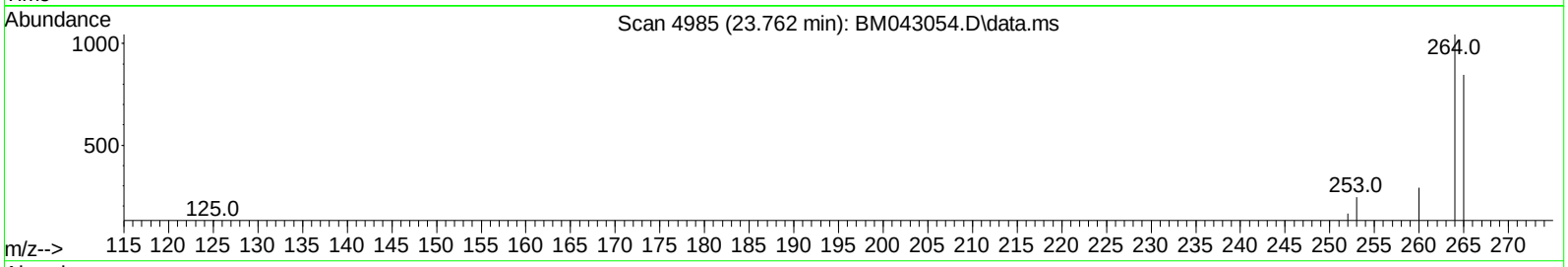

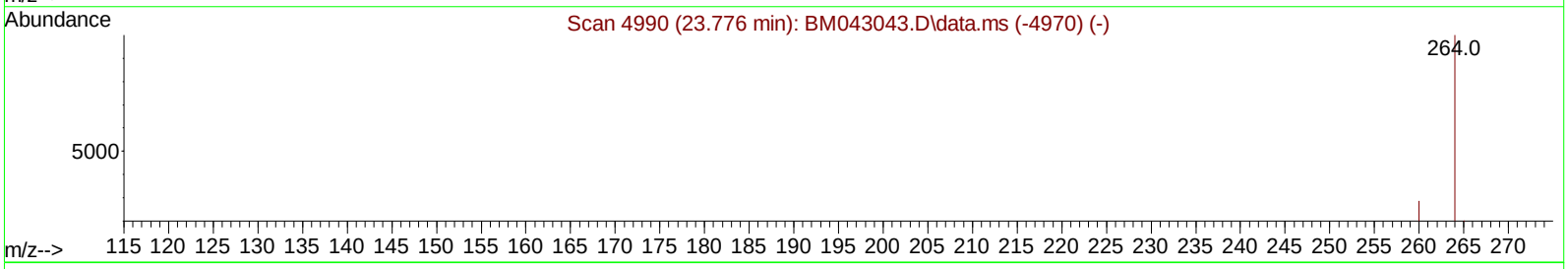

TIC: BM043054.D\data.ms

(23) Perylene-d12 (I)

23.762min (-0.017) 0.40 ng/ul m

response 1305

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.97
265.00	120.30	80.94#
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	665m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.611	136	2043	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.450	164	1344m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.212	188	3038	0.400	ng/ul	-0.03
17) Chrysene-d12	21.412	240	1817	0.400	ng/ul	-0.01
23) Perylene-d12	23.762	264	1305m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	456	0.447	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	255	0.093	ng/ul	-0.03
18) Fluoranthene-d10	19.242	212	697	0.105	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.660	128	6559	1.181	ng/ul#	85
7) 2-Methylnaphthalene	12.288	142	156	0.048	ng/ul	86
8) 1-Methylnaphthalene	12.497	142	1249	0.342	ng/ul	99
10) Acenaphthylene	14.177	152	995	0.145	ng/ul	96
11) Acenaphthene	14.510	153	47831	9.204	ng/ul	95
12) Fluorene	15.505	166	14278	2.676	ng/ul#	99
15) Phenanthrene	17.250	178	259	0.030	ng/ul#	52
16) Anthracene	17.343	178	345	0.042	ng/ul#	61
19) Fluoranthene	19.275	202	698	0.068	ng/ul#	80
20) Pyrene	19.633	202	356	0.032	ng/ul#	42

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

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