

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
 Data File : BM043283.D
 Acq On : 13 Dec 2023 03:22
 Operator : MA/JU
 Sample : 05677-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

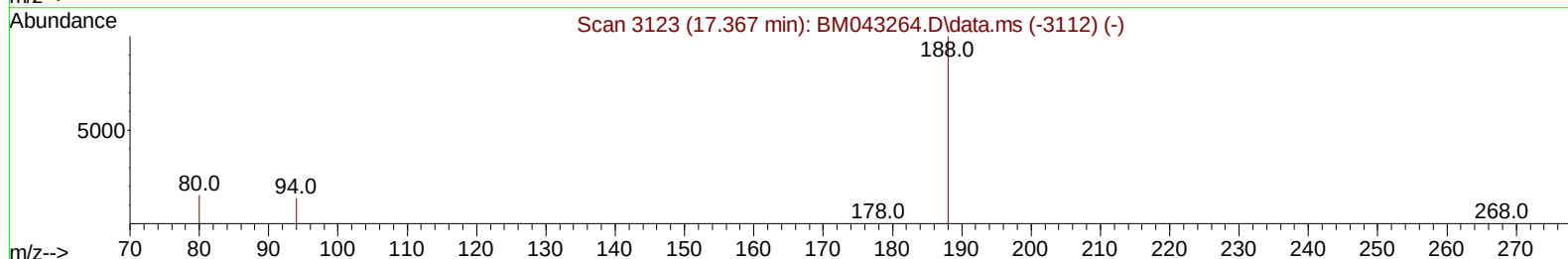
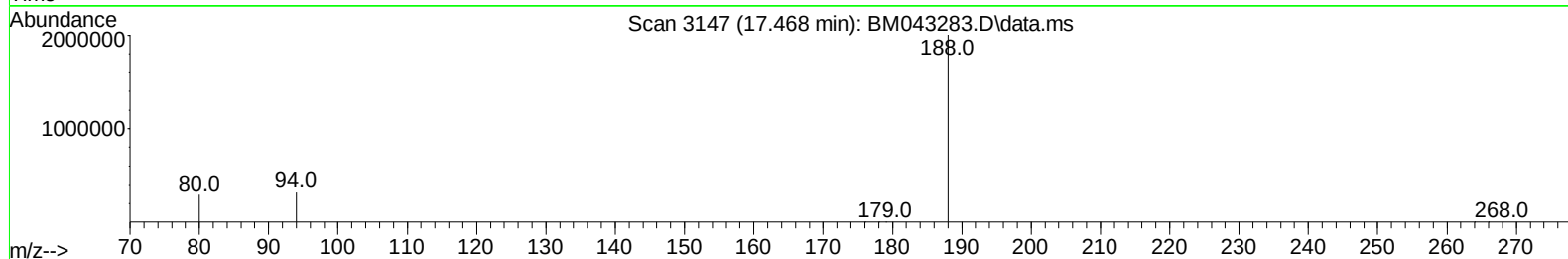
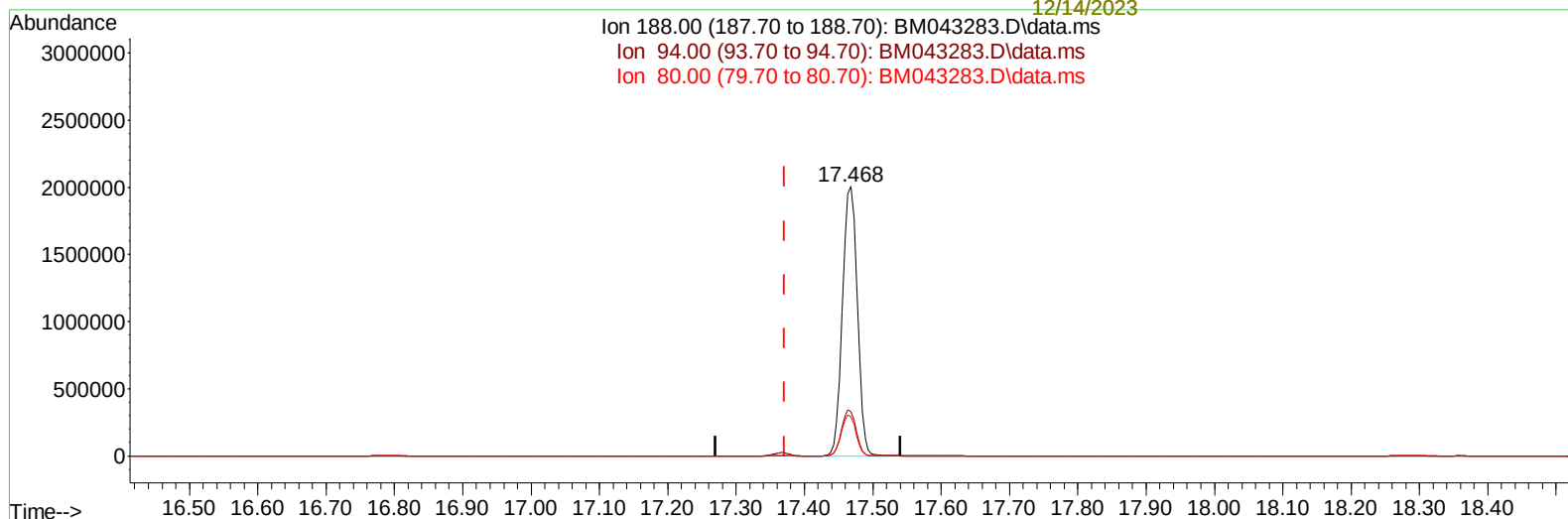
Instrument :
 BNA_M
 ClientSampleId :
 H0AD7

Manual IntegrationsAPPROVED

Quant Time: Dec 13 03:56:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 16:25:39 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Supervised By :mohammad
 ahmed
 12/14/2023



TIC: BM043283.D\data.ms

(13) Phenanthrene-d10 (I)

17.468min (+ 0.097) 0.40 ng/u1

response 3013130

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	16.40#
80.00	13.20	14.49
0.00	0.00	0.00

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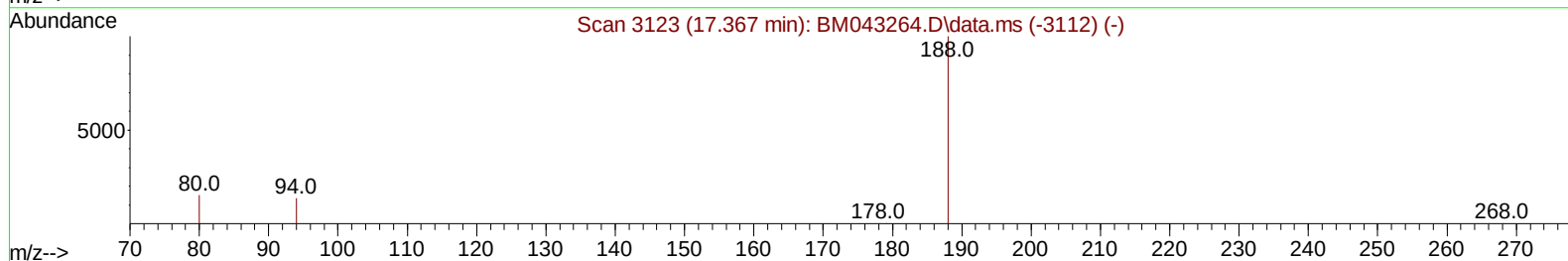
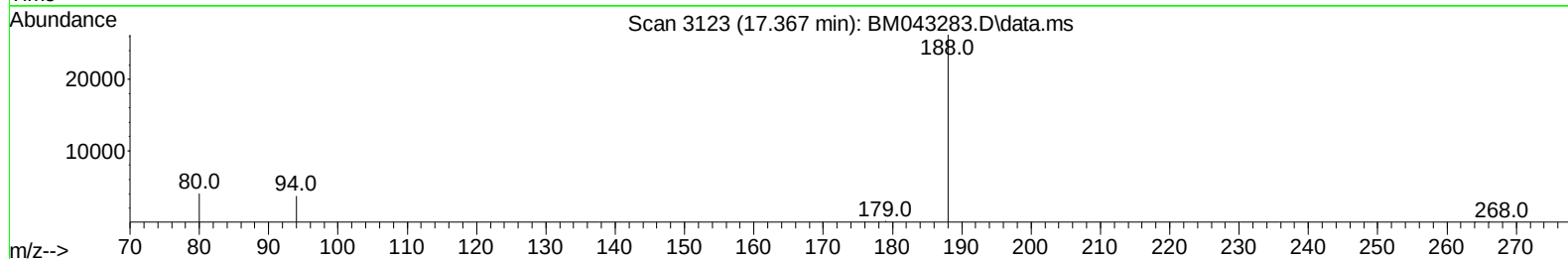
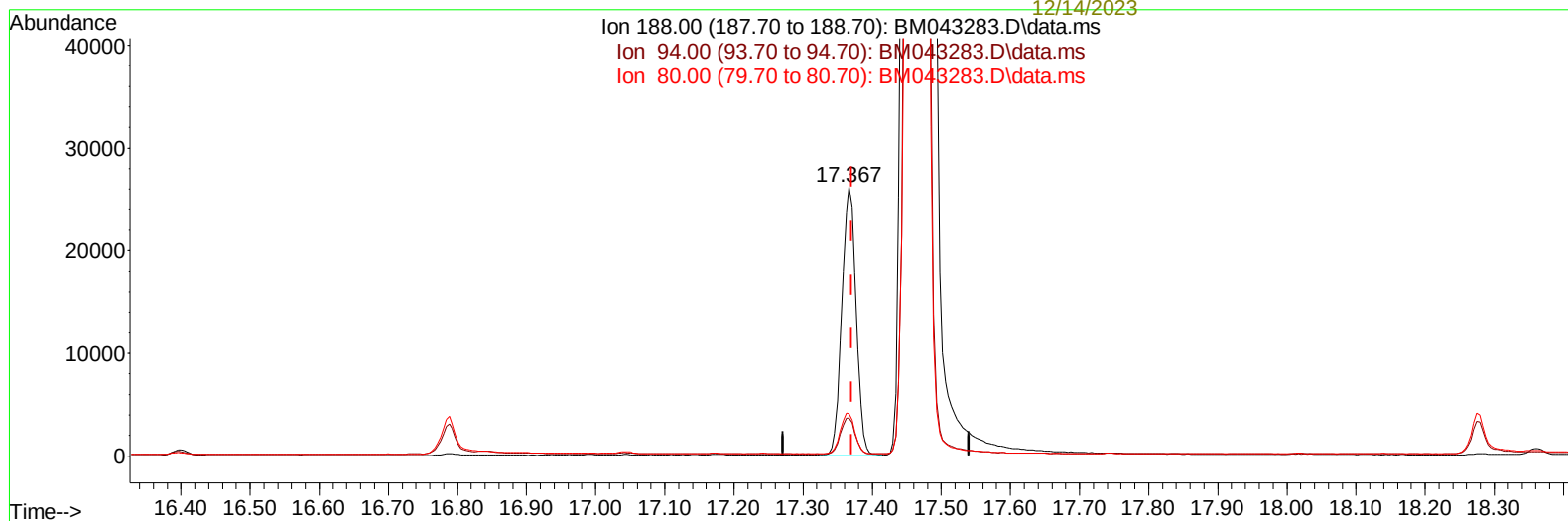
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(13) Phenanthrene-d10 (I)

17.367min (-0.004) 0.40 ng/ul m

response 37483

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	14.14
80.00	13.20	15.59
0.00	0.00	0.00

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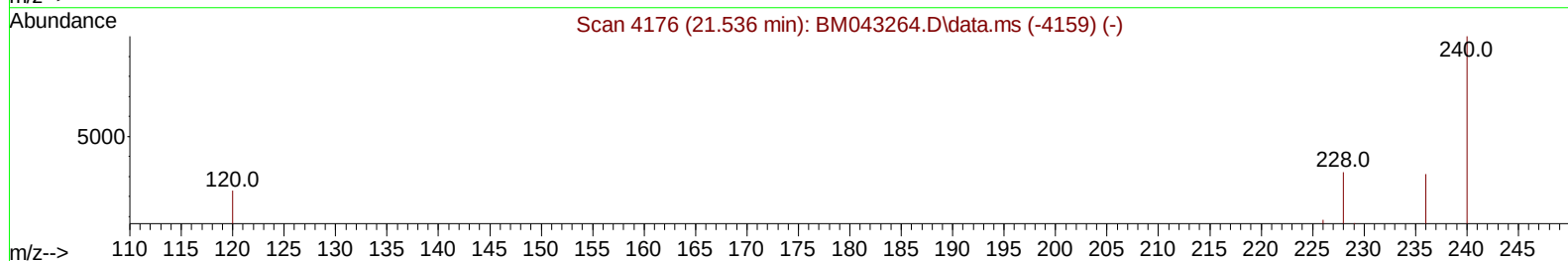
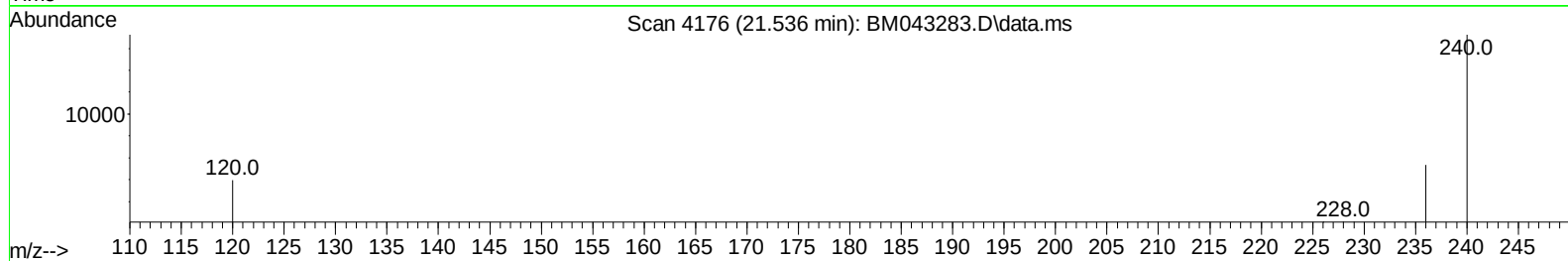
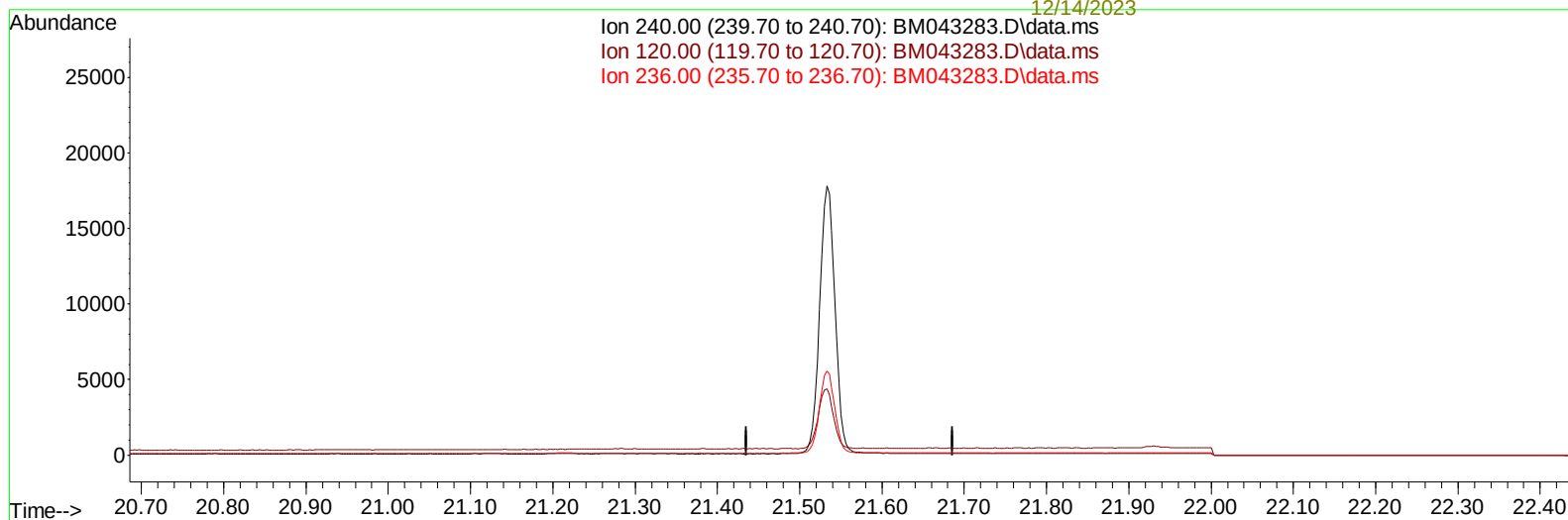
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(17) Chrysene-d12

21.536min (-21.536) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	20.60	0.00#
236.00	31.10	0.00#
0.00	0.00	0.00

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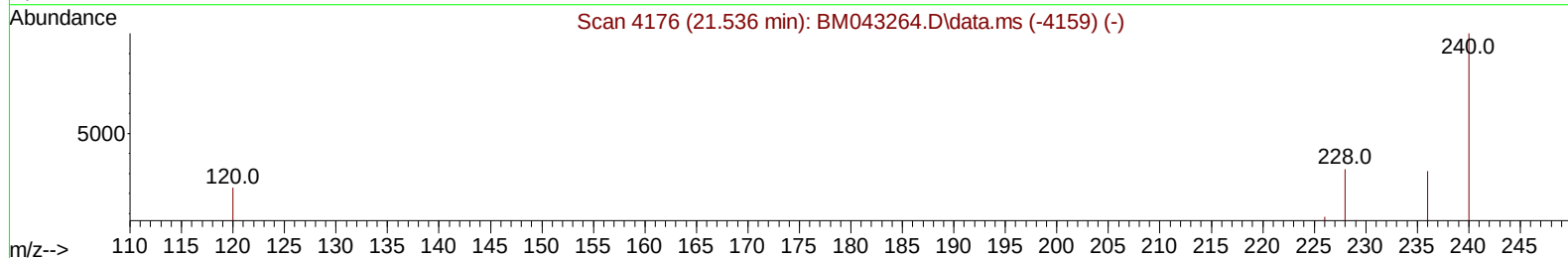
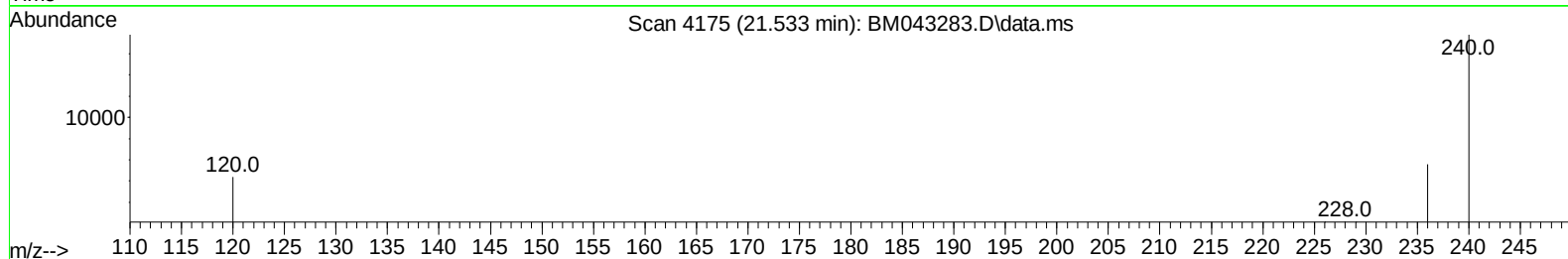
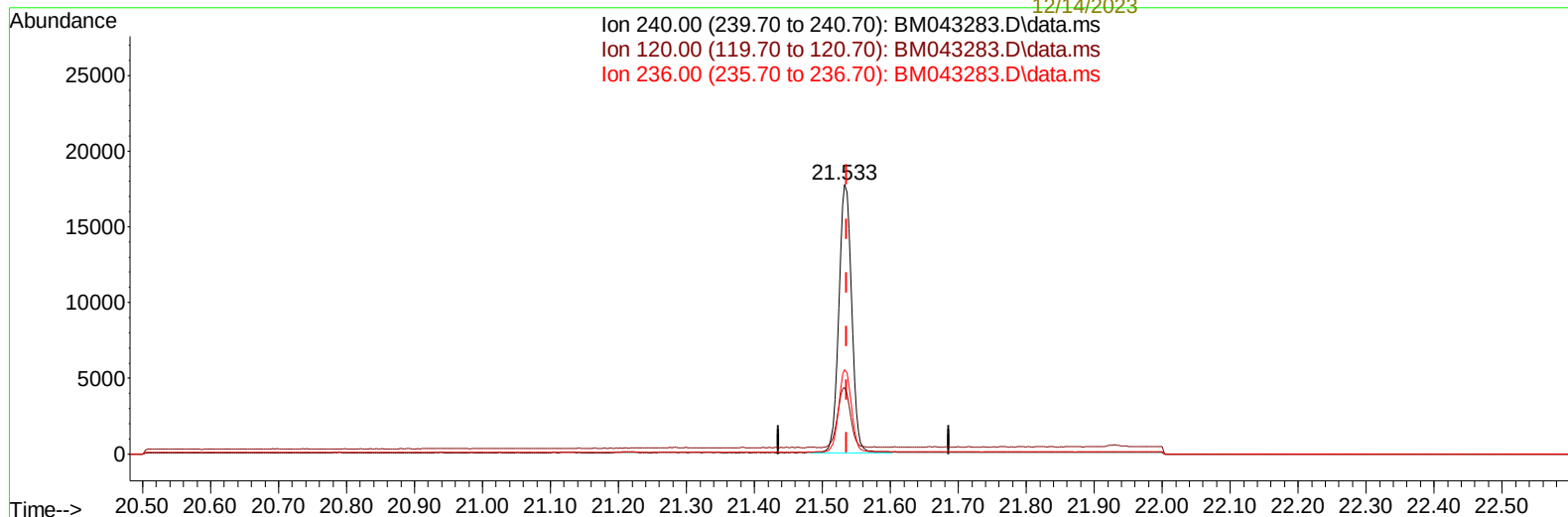
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TIC: BM043283.D\data.ms

(17) Chrysene-d12

21.533min (-0.003) 0.40 ng/ul m

response 23185

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.60	24.61
236.00	31.10	31.22
0.00	0.00	0.00

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 ALS Vial : 58 Sample Multiplier: 1

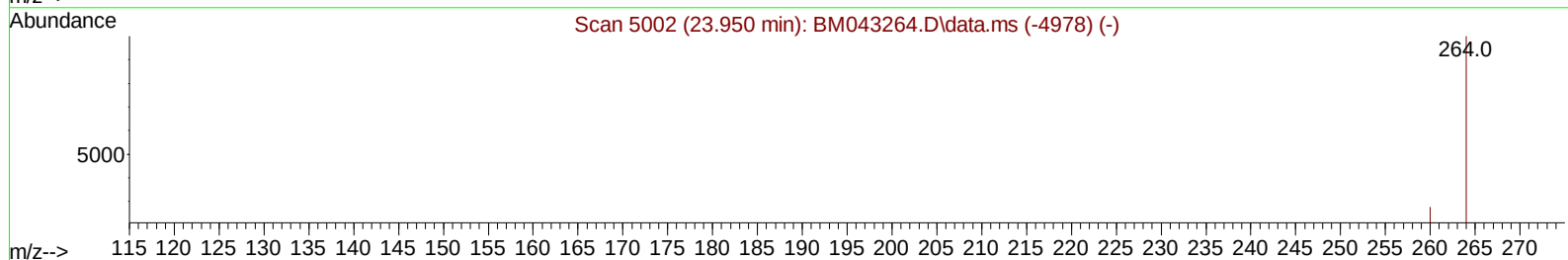
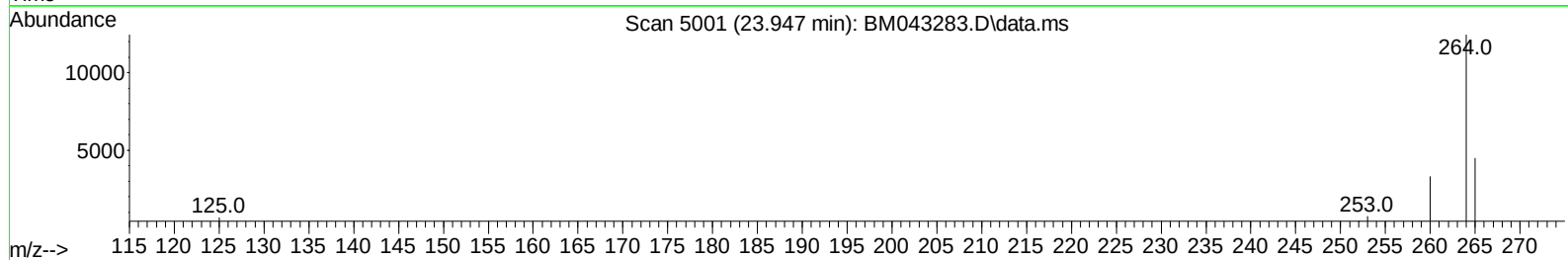
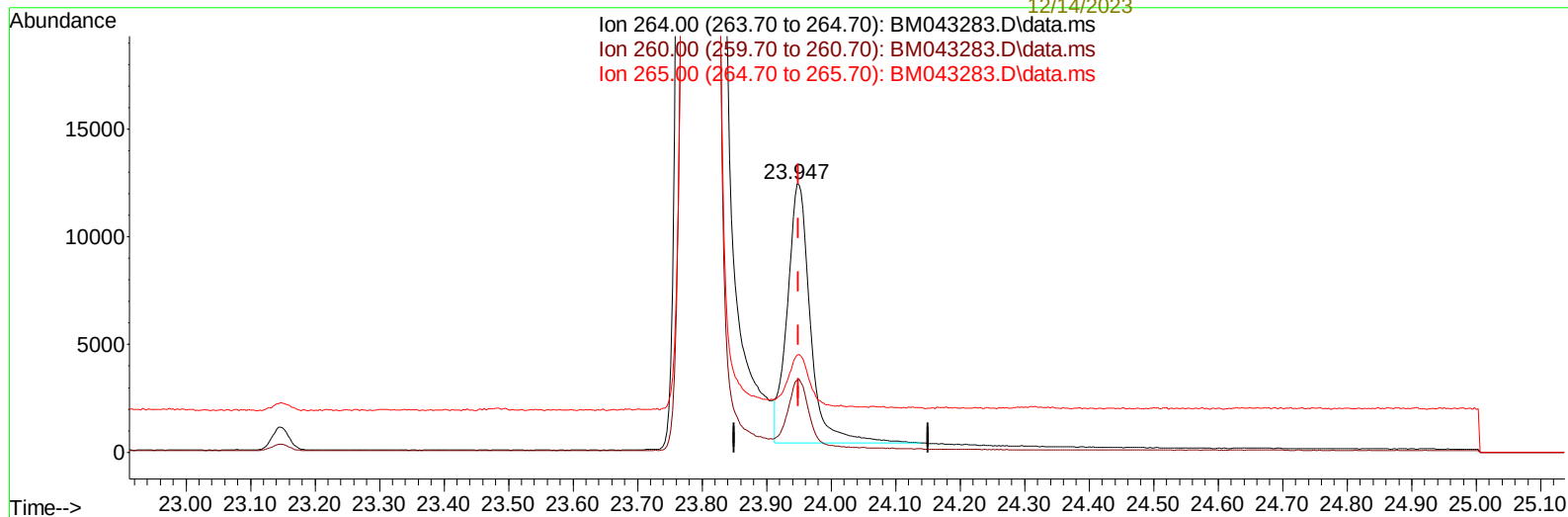
Instrument :
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TIC: BM043283.D\data.ms

(23) Perylene-d12 (I)

23.947min (-0.003) 0.40 ng/u1

response 30115

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.30	26.78
265.00	39.10	36.12
0.00	0.00	0.00

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Misc :
ALS Vial : 58 Sample Multiplier: 1

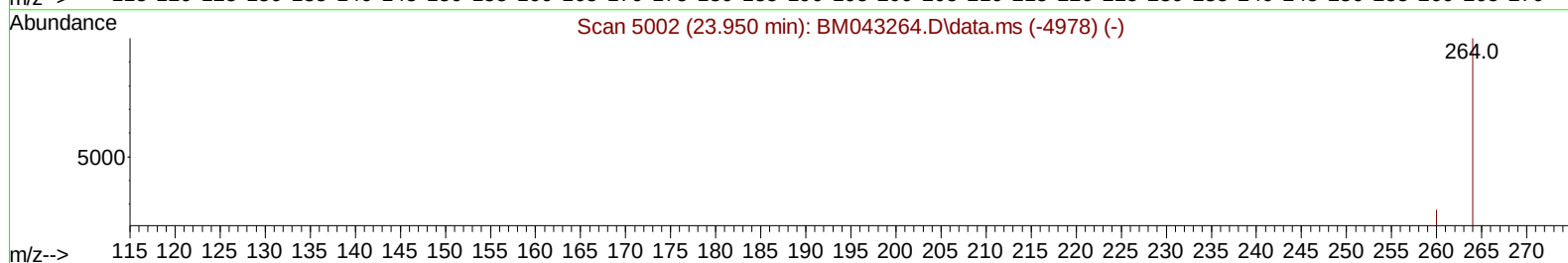
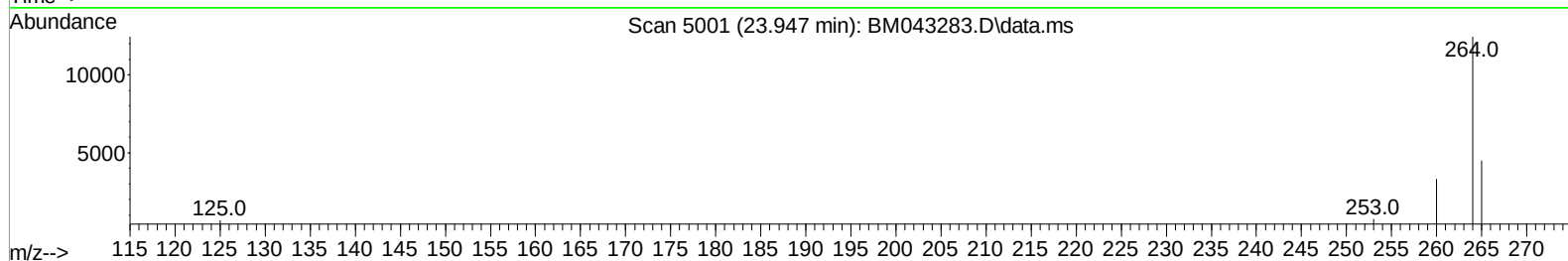
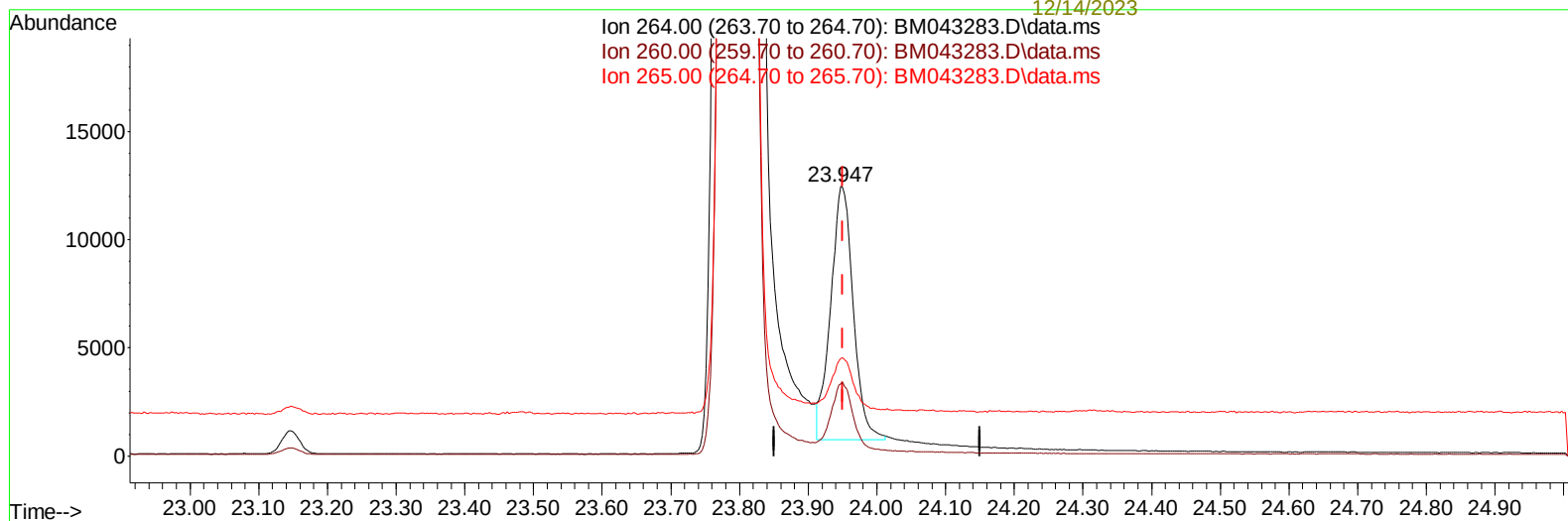
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TIC: BM043283.D\data.ms

(23) Perylene-d12 (I)

23.947min (-0.003) 0.40 ng/ul m

response 26696

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.30	26.78
265.00	39.10	36.12
0.00	0.00	0.00

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 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.005	152		9137	0.400	ng/ul	0.00
4) Naphthalene-d8	10.807	136		31184	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.629	164		17290	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188		37483m	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240		23185m	0.400	ng/ul	0.00
23) Perylene-d12	23.947	264		26696m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.397	96		45216	3.917	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152		13167	0.298	ng/ul	0.00
18) Fluoranthene-d10	19.385	212		31197	0.377	ng/ul	0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.435	88		28263	2.441	ng/ul#	82

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

Manual IntegrationsAPPROVED

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ahmed
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12/14/2023

Retention Time (min)	Abundance	Compound
~3.5	~100,000	1,4-Dichlorobenzene-d8, S
~7.5	~100,000	1,4-Dichlorobenzene-d4, I
~8.5	~350,000	1,4-Dichlorobenzene-d4, I
~10.5	~100,000	Naphthalene-d8, I
~12.5	~750,000	2-Methylnaphthalene-d10, SURR
~14.5	~1,900,000	Acenaphthene-d10, I
~15.5	~1,700,000	Acenaphthene-d10, I
~17.5	~2,600,000	Phenanthrene-d10, I
~19.5	~100,000	Fluoranthene-d10, SURR
~20.5	~3,100,000	Fluoranthene-d10, SURR
~21.5	~20,000	Chrysene-d12
~24.5	~1,700,000	Perylene-d12, I