Quantitation Report (Qedit)

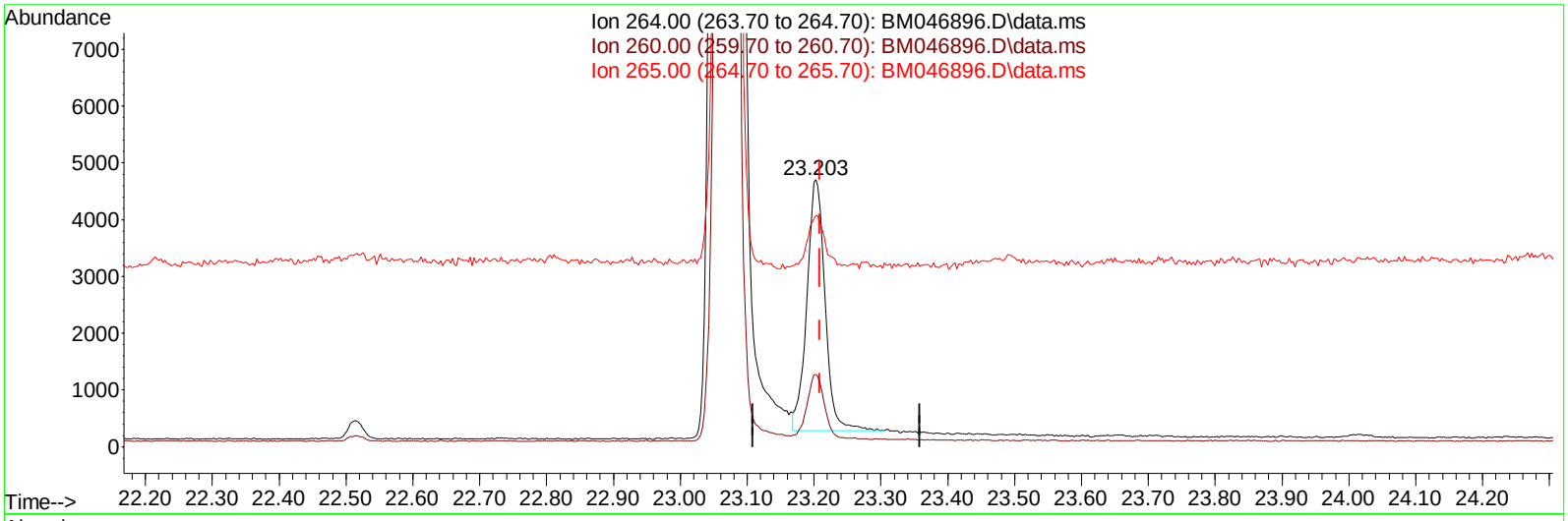
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046896.D
Acq On : 29 Jul 2024 22:50
Operator : MA/JU
Sample : P3329-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

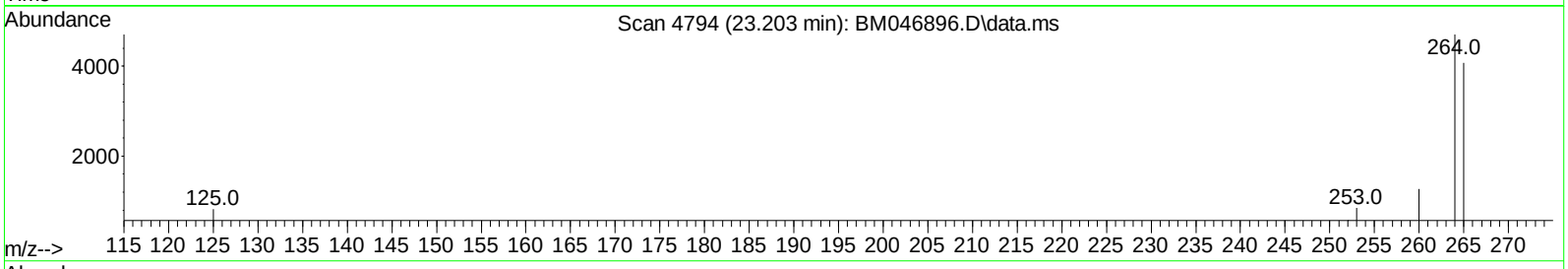
Quant Time: Jul 30 00:03:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

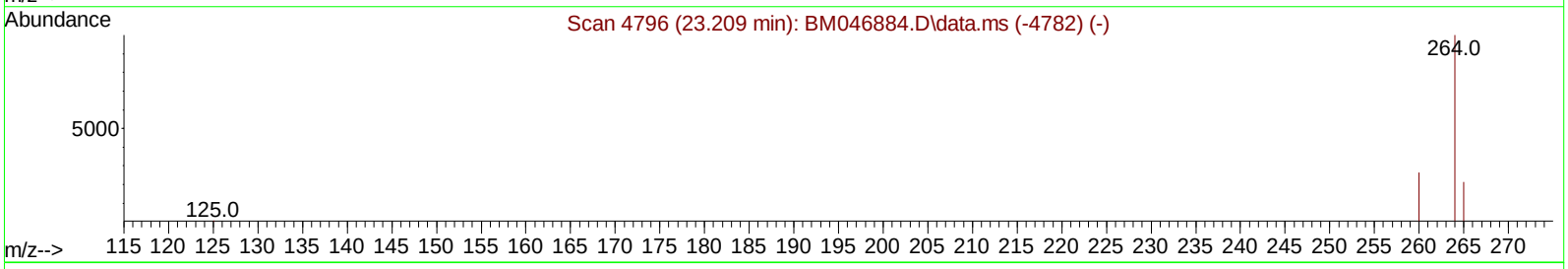
Instrument :
BNA_M
ClientSampleId :
F7E23

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024







TIC: BM046896.D\data.ms

(23) Perylene-d12 (I)

23.203min (-0.006) 0.40 ng/ul

response 8313

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.10	27.01
265.00	89.90	86.73
0.00	0.00	0.00

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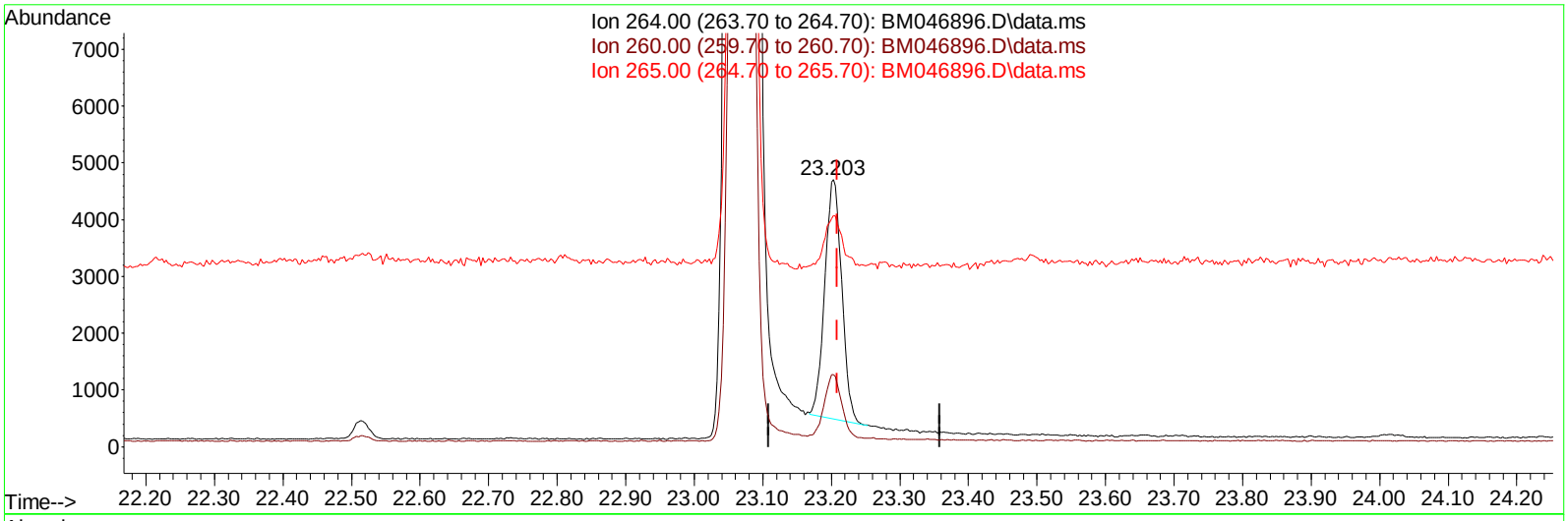

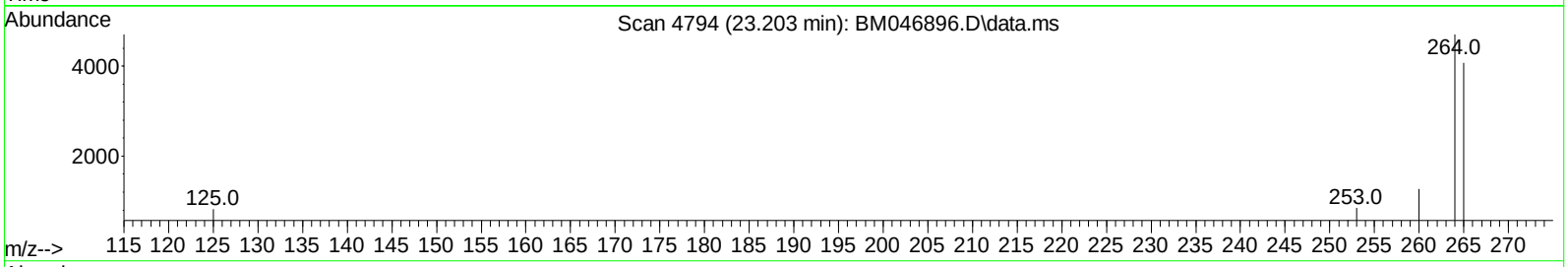

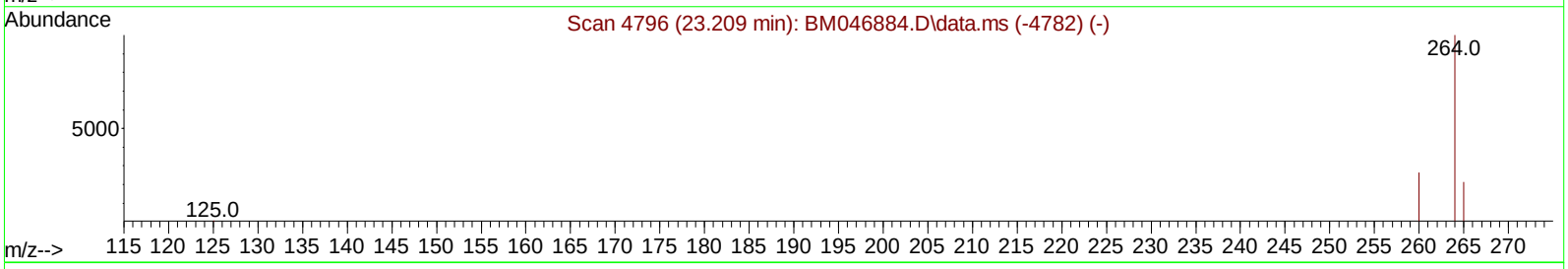

TIC: BM046896.D\data.ms

(23) Perylene-d12 (I)

23.203min (-0.006) 0.40 ng/ul m

response 7246

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.10	27.01
265.00	89.90	86.73
0.00	0.00	0.00

Quantitation Report (Qedit)

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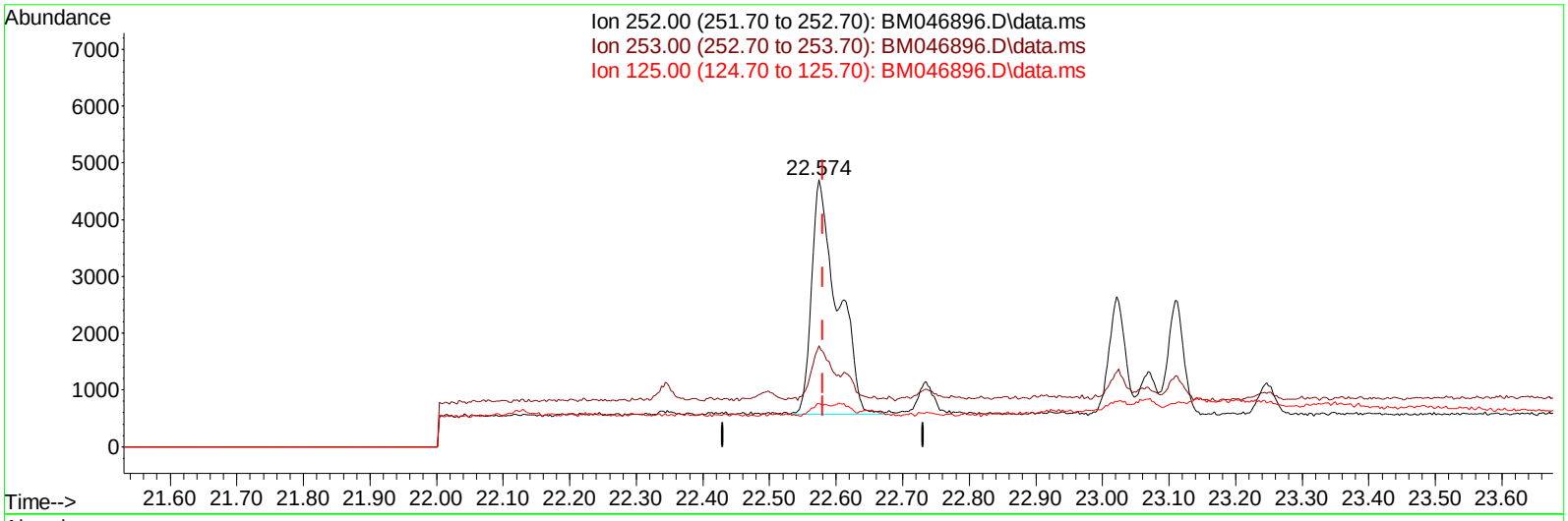

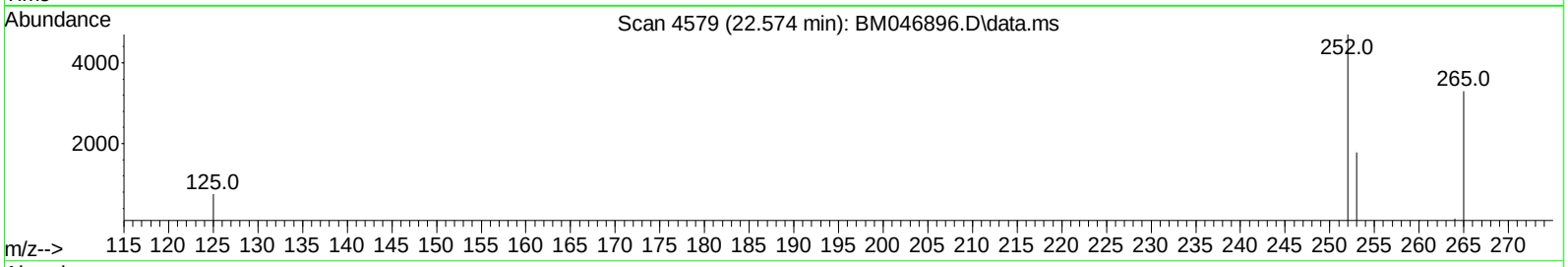

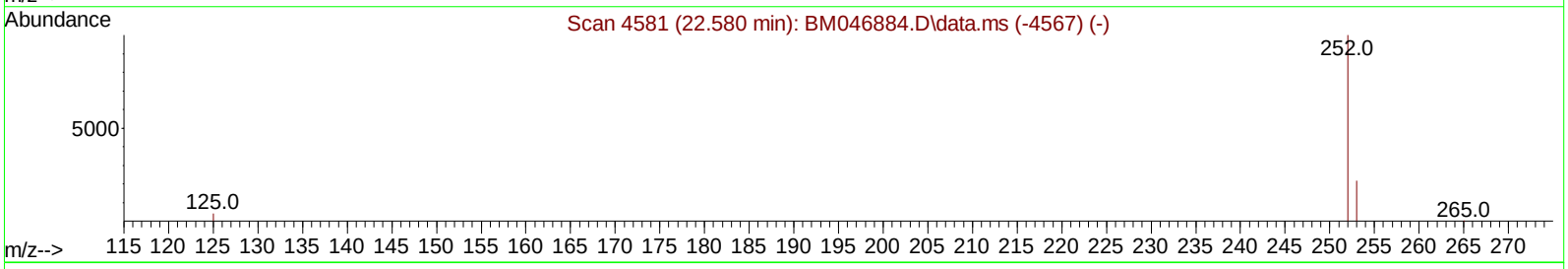

TIC: BM046896.D\data.ms

(24) Benzo(b)fluoranthene

22.574min (-0.006) 0.35 ng/ul

response 11120

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	37.93
125.00	7.90	16.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

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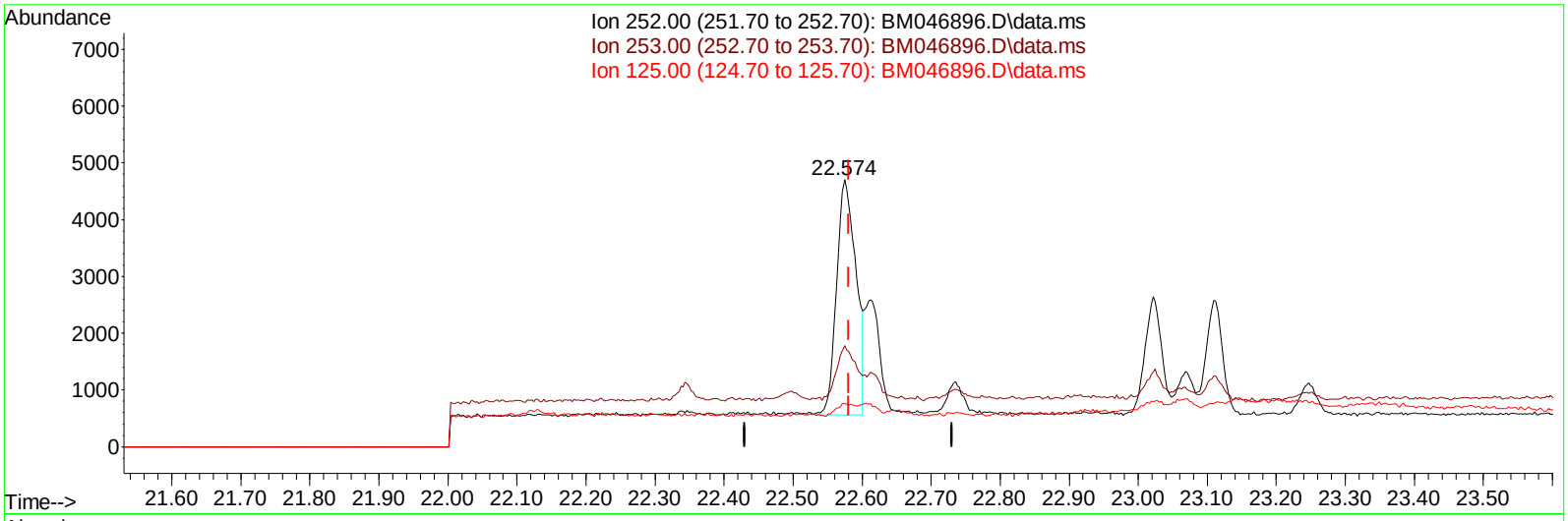

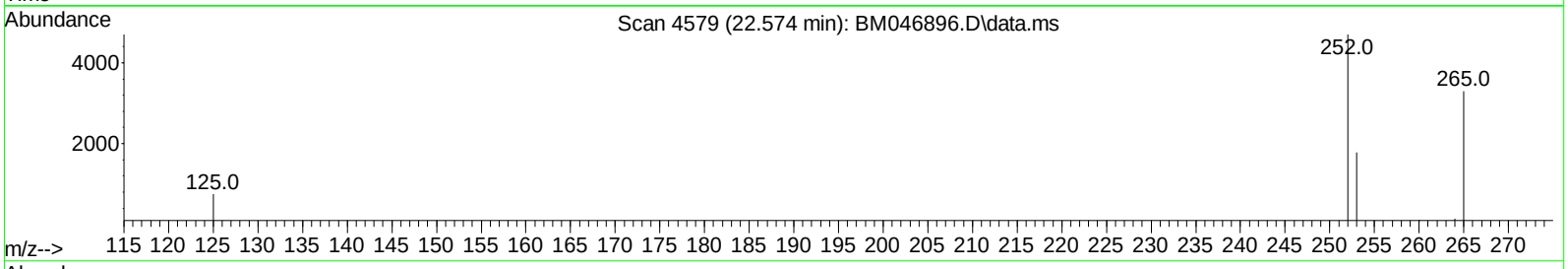

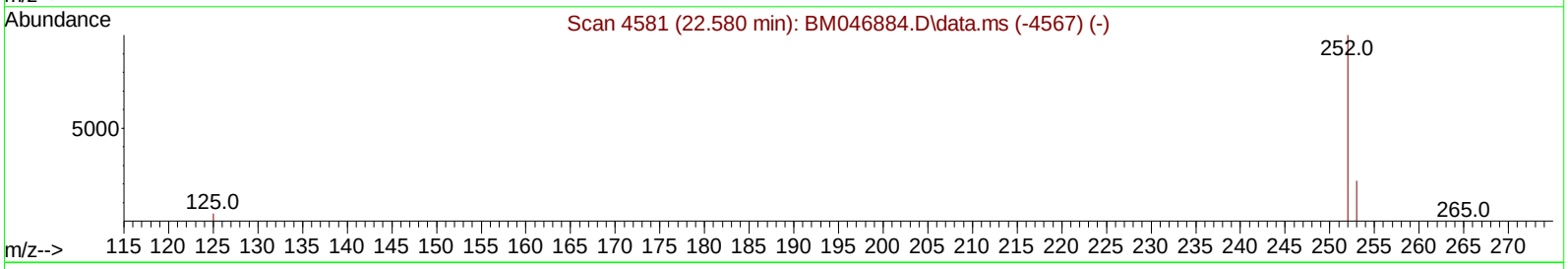

TIC: BM046896.D\data.ms

(24) Benzo(b)fluoranthene

22.574min (-0.006) 0.25 ng/ul m

response 8086

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	37.93
125.00	7.90	16.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
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Acq On : 29 Jul 2024 22:50
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
F7E23

Manual IntegrationsAPPROVED

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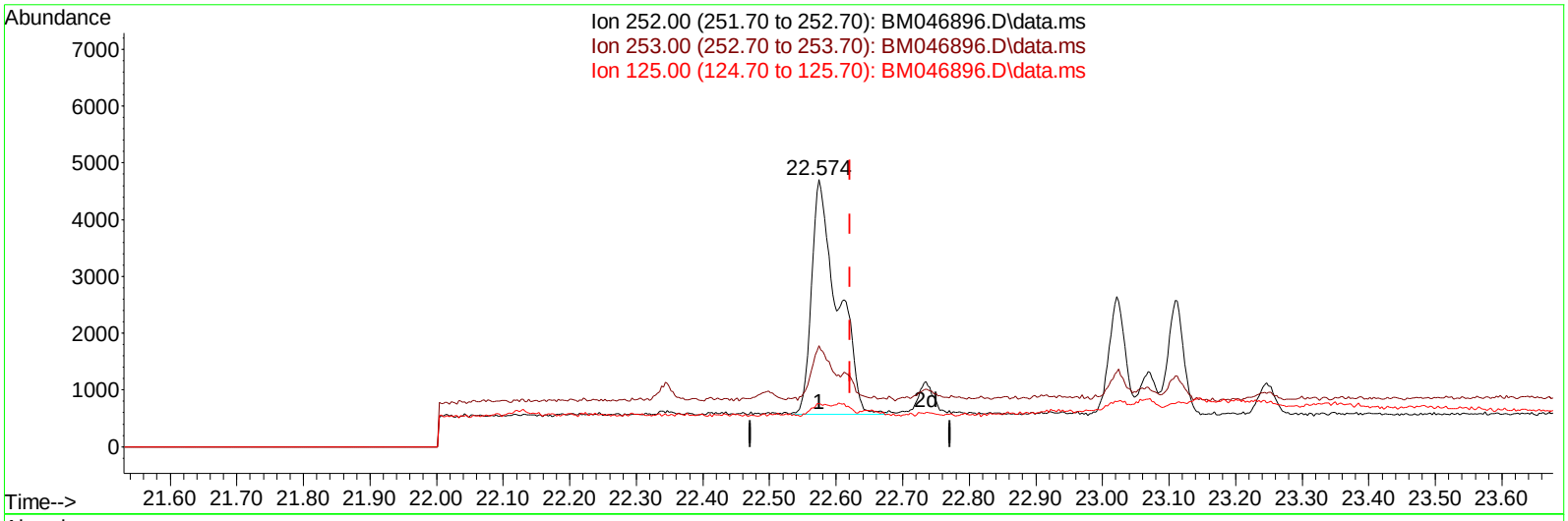

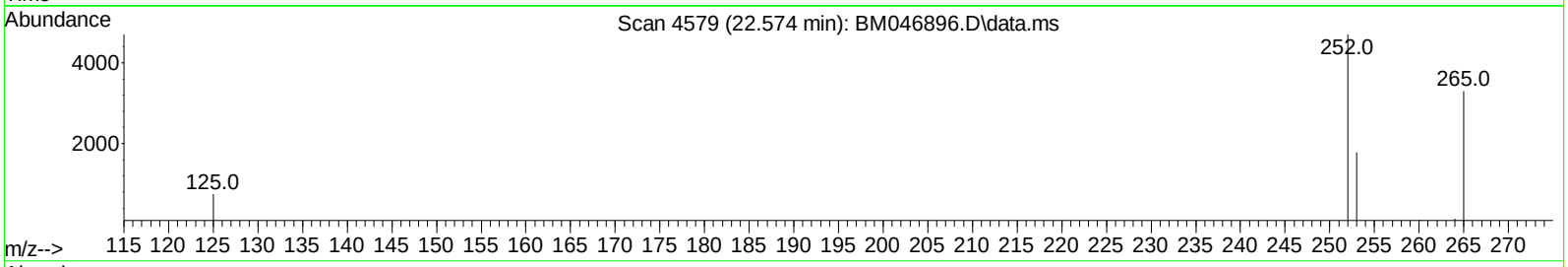

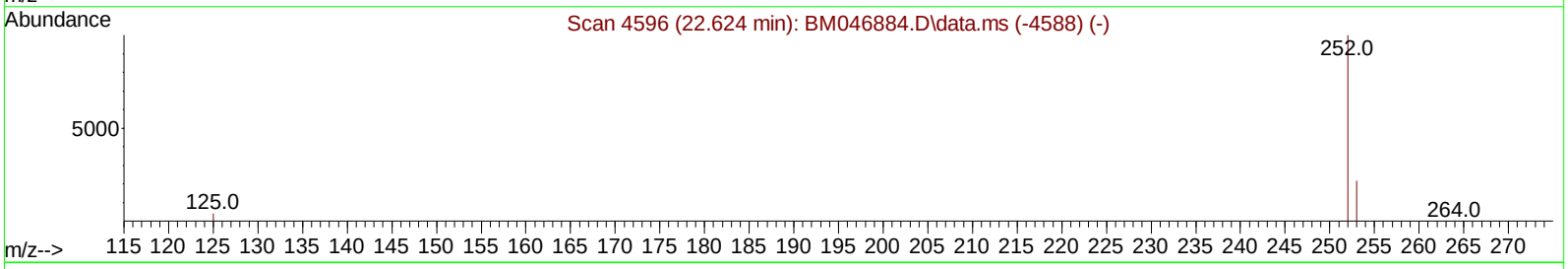

TIC: BM046896.D\data.ms

(25) Benzo(k)fluoranthene

22.574min (-0.047) 0.35 ng/ul

response 11120

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.40	37.93#
125.00	10.80	16.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

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F7E23

Manual IntegrationsAPPROVED

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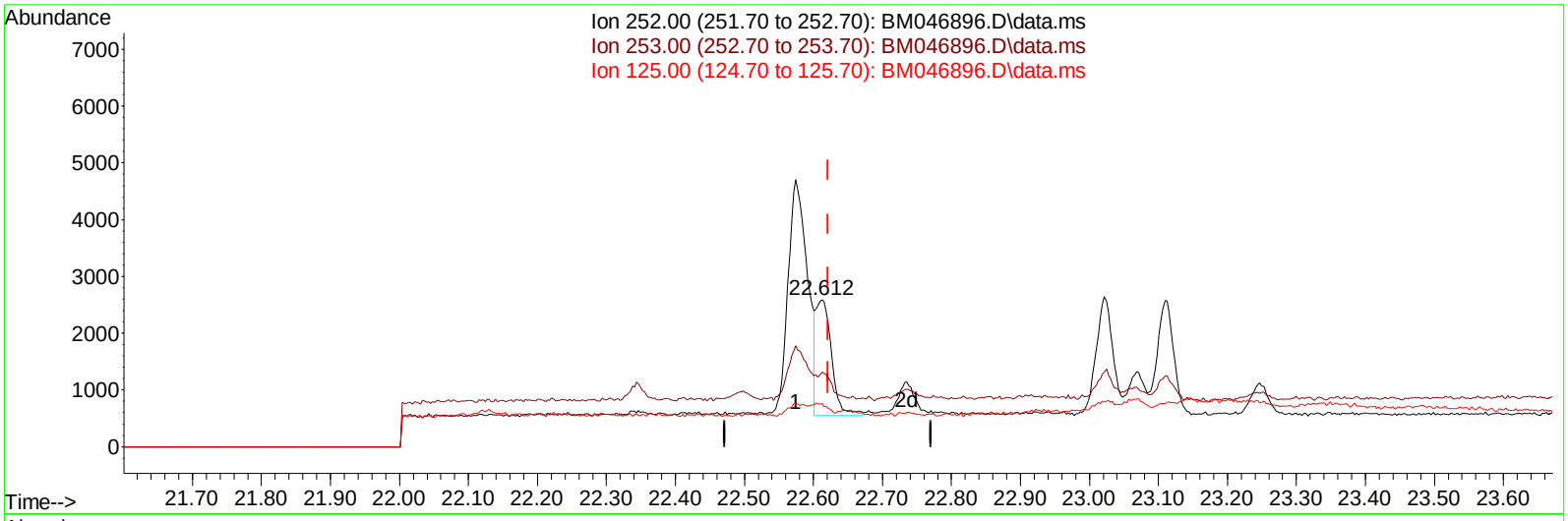

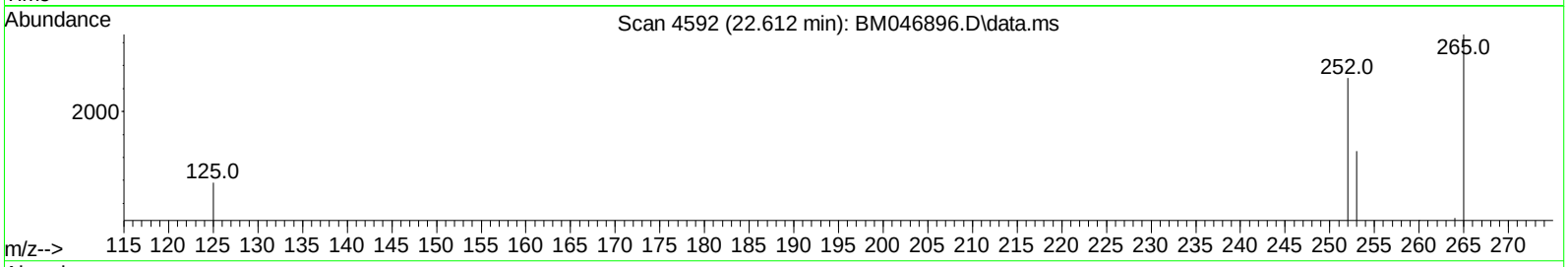

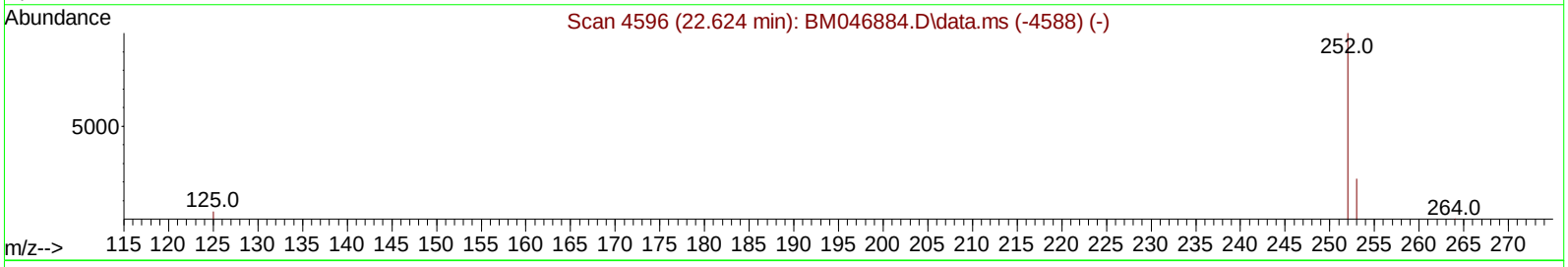

TIC: BM046896.D\data.ms

(25) Benzo(k)fluoranthene

22.612min (-0.009) 0.10 ng/ul m

response 3193

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.40	50.70#
125.00	10.80	29.37#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM046896.D
Acq On : 29 Jul 2024 22:50
Operator : MA/JU
Sample : P3329-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	3389	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.210	136	10081	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	6263	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.862	188	11776	0.400	ng/ul	0.00
17) Chrysene-d12	21.076	240	7642	0.400	ng/ul	0.00
23) Perylene-d12	23.203	264	7246m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	5934	2.501	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	2717	0.170	ng/ul	-0.01
18) Fluoranthene-d10	18.904	212	4462	0.179	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.260	128	683	0.027	ng/ul#	74
10) Acenaphthylene	13.817	152	820	0.029	ng/ul#	79
11) Acenaphthene	14.169	153	1095	0.056	ng/ul	97
12) Fluorene	15.163	166	1850	0.076	ng/ul#	98
15) Phenanthrene	16.905	178	17057	0.504	ng/ul	98
16) Anthracene	16.993	178	5406	0.172	ng/ul	97
19) Fluoranthene	18.932	202	26397	0.787	ng/ul	100
20) Pyrene	19.299	202	21399	0.616	ng/ul	100
21) Benzo(a)anthracene	21.061	228	6677	0.210	ng/ul	96
22) Chrysene	21.111	228	7659	0.237	ng/ul	96
24) Benzo(b)fluoranthene	22.574	252	8086m	0.254	ng/ul	
25) Benzo(k)fluoranthene	22.612	252	3193m	0.100	ng/ul	
26) Benzo(a)pyrene	23.109	252	3304	0.145	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	25.302	276	2279	0.065	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.306	278	637	0.025	ng/ul#	1
29) Benzo(g,h,i)perylene	25.940	276	1968	0.064	ng/ul#	66

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

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