Quantitation Report (Qedit)

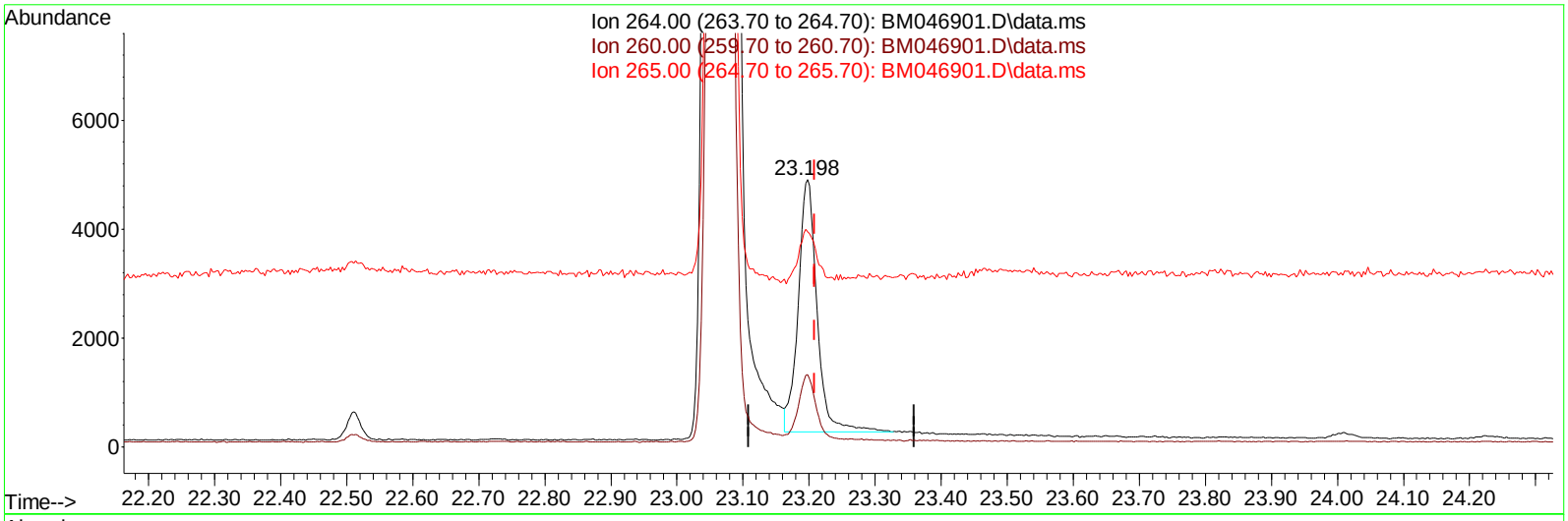
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046901.D
Acq On : 30 Jul 2024 01:54
Operator : MA/JU
Sample : P3329-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

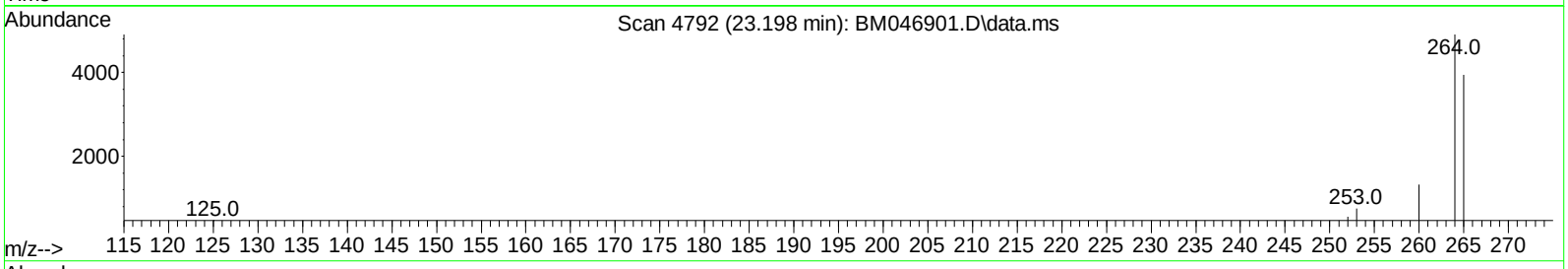
Quant Time: Jul 30 03:00:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

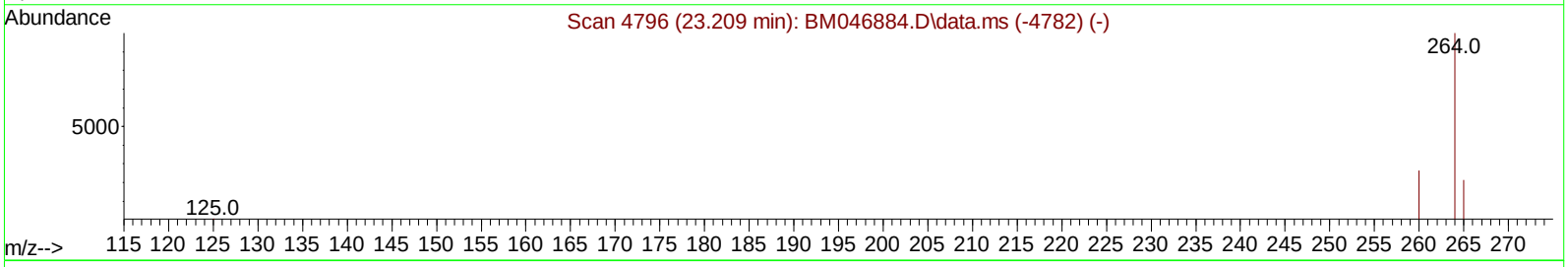
Instrument :
BNA_M
ClientSampleId :
F7E16

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024







TIC: BM046901.D\data.ms

(23) Perylene-d12 (I)

23.198min (-0.011) 0.40 ng/ul

response 9255

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.10	26.90
265.00	89.90	80.52
0.00	0.00	0.00

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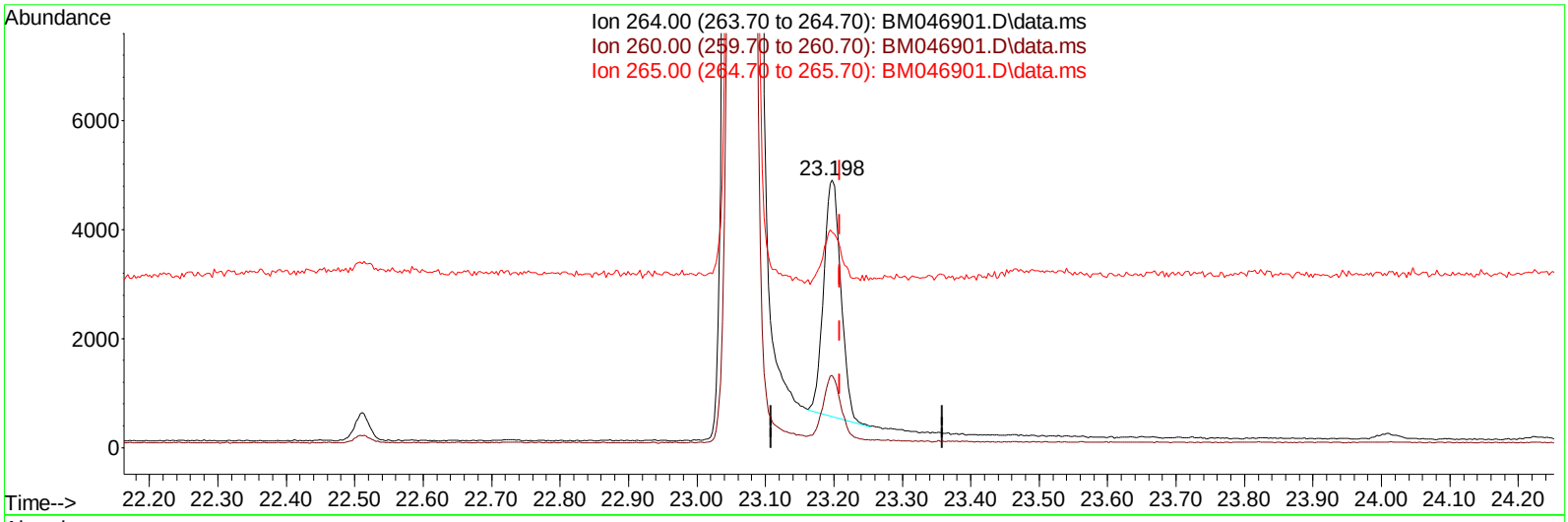

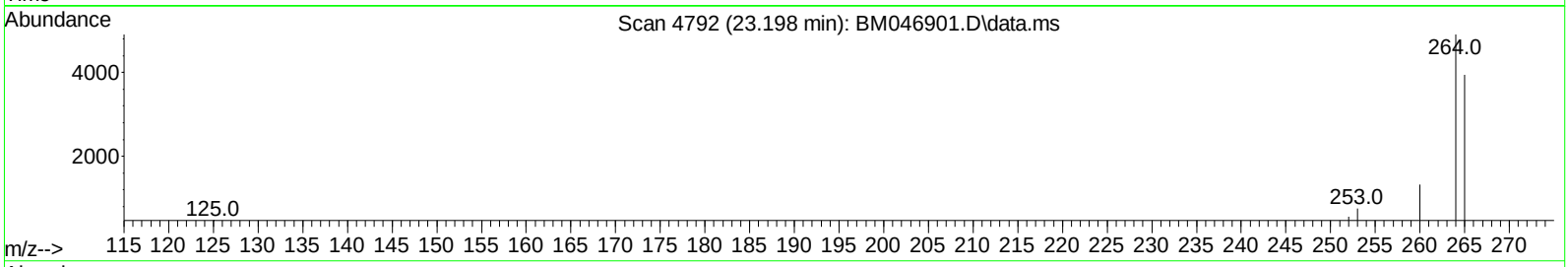

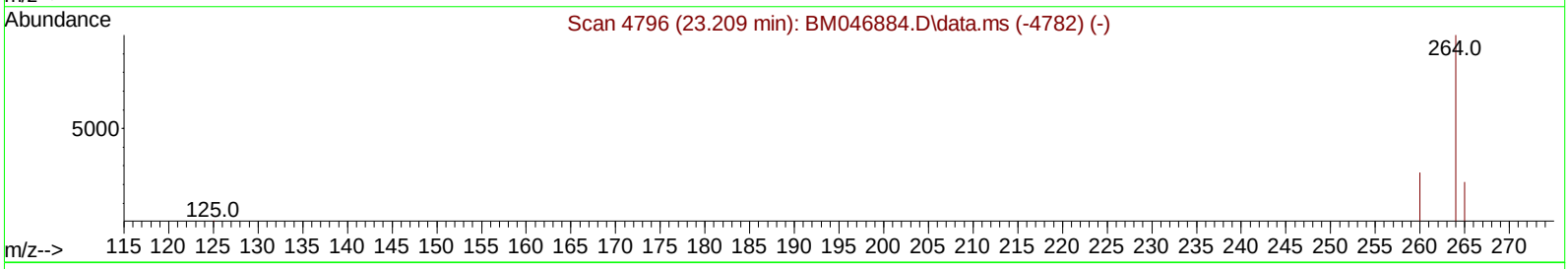

TIC: BM046901.D\data.ms

(23) Perylene-d12 (I)

23.198min (-0.011) 0.40 ng/ul m

response 7564

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.10	26.90
265.00	89.90	80.52
0.00	0.00	0.00

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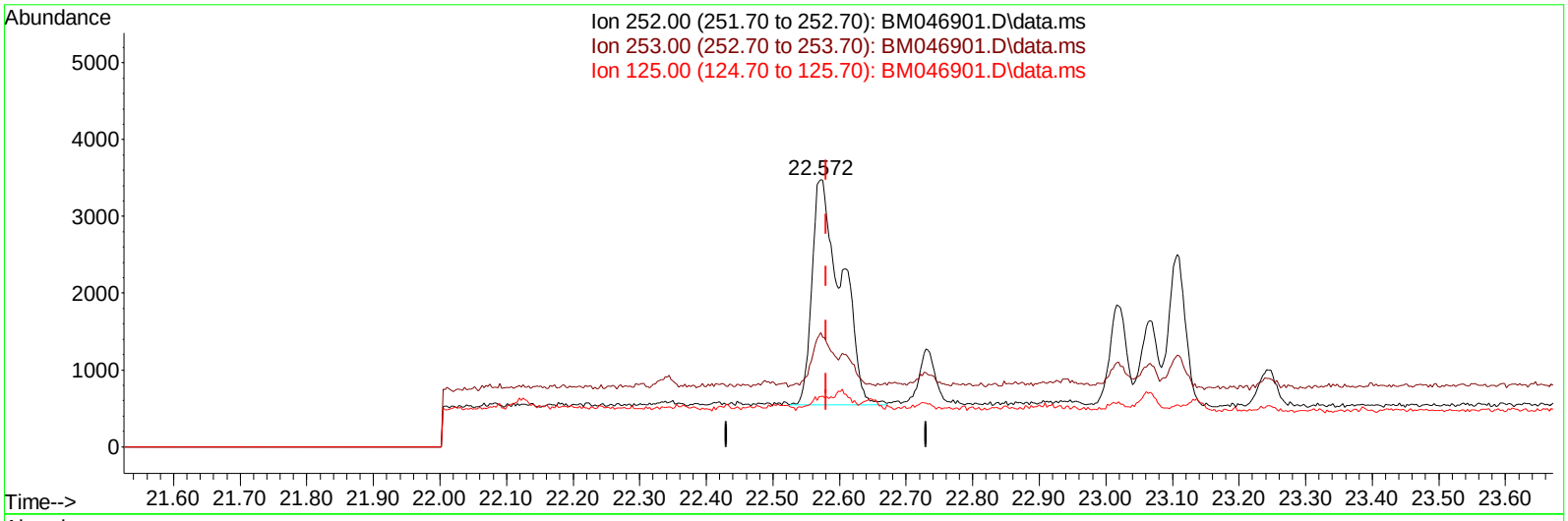

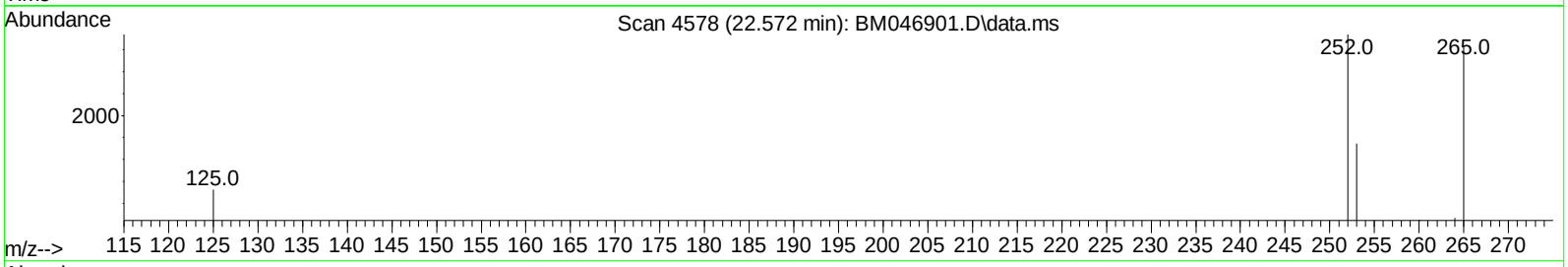

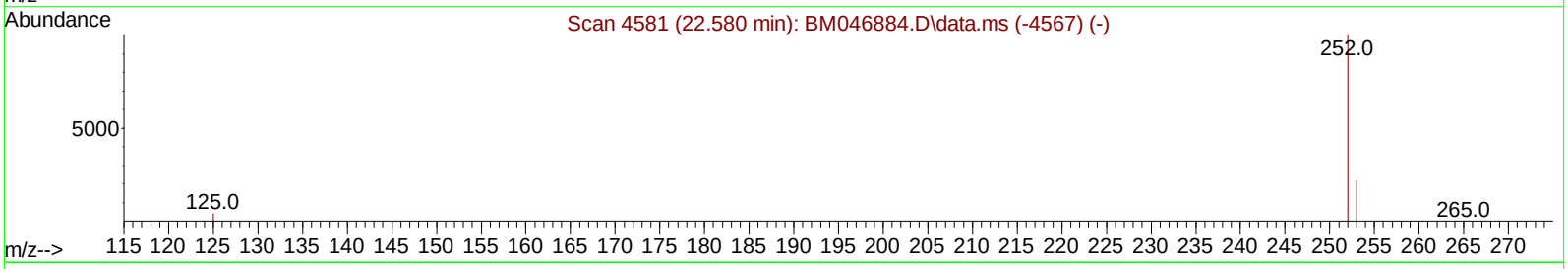

TIC: BM046901.D\data.ms

(24) Benzo(b)fluoranthene

22.572min (-0.008) 0.27 ng/ul

response 9012

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	42.78
125.00	7.90	18.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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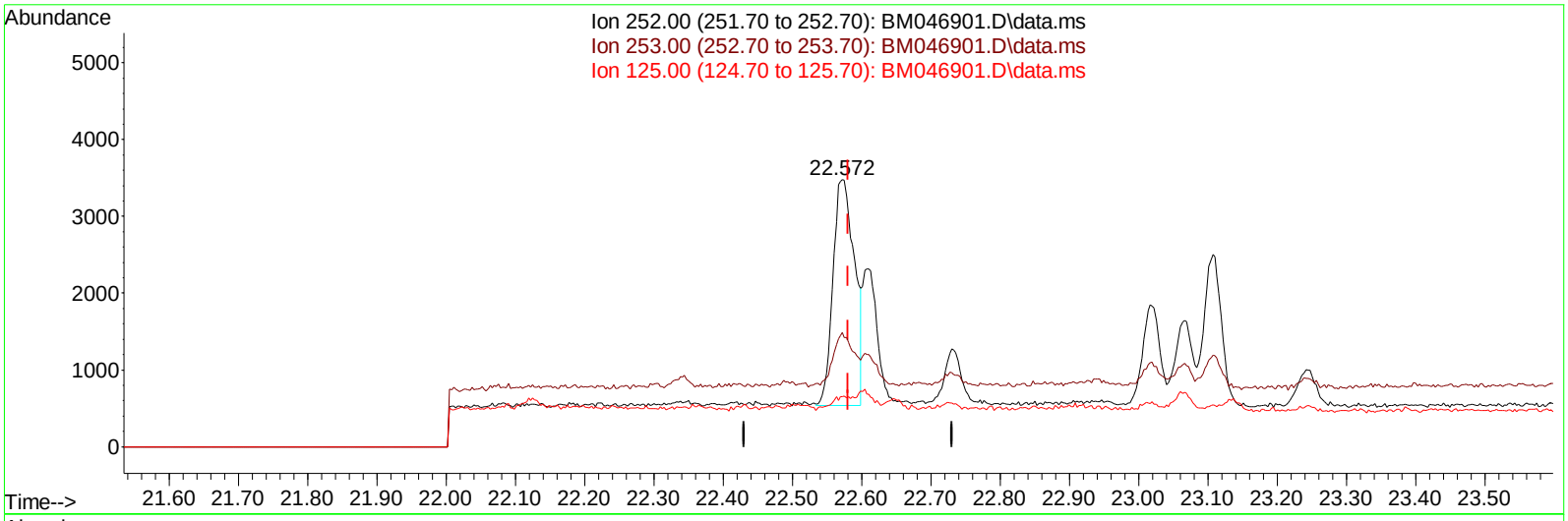

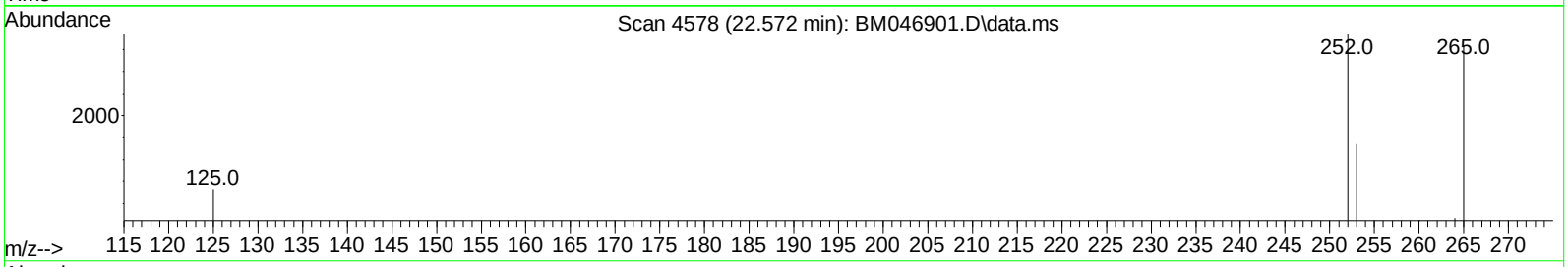

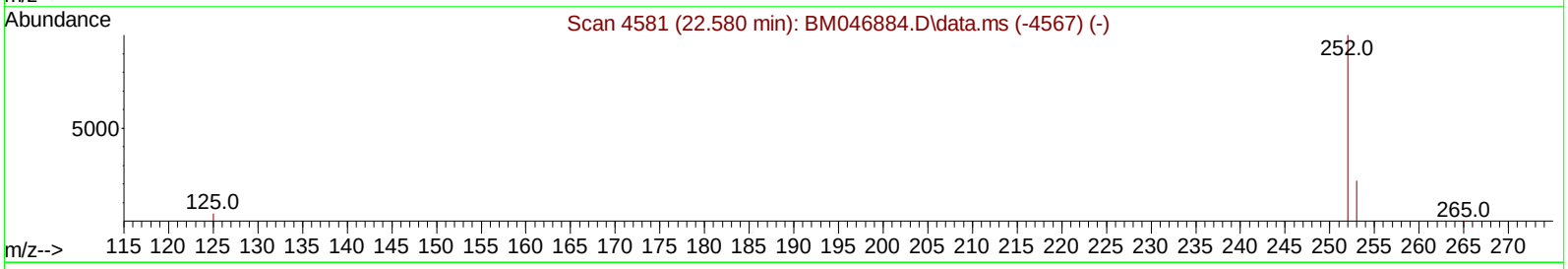

TIC: BM046901.D\data.ms

(24) Benzo(b)fluoranthene

22.572min (-0.008) 0.19 ng/ul m

response 6356

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	42.78
125.00	7.90	18.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
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Acq On : 30 Jul 2024 01:54
Operator : MA/JU
Sample : P3329-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 30 03:00:55 2024
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BNA_M
ClientSampleId :
F7E16

Manual IntegrationsAPPROVED

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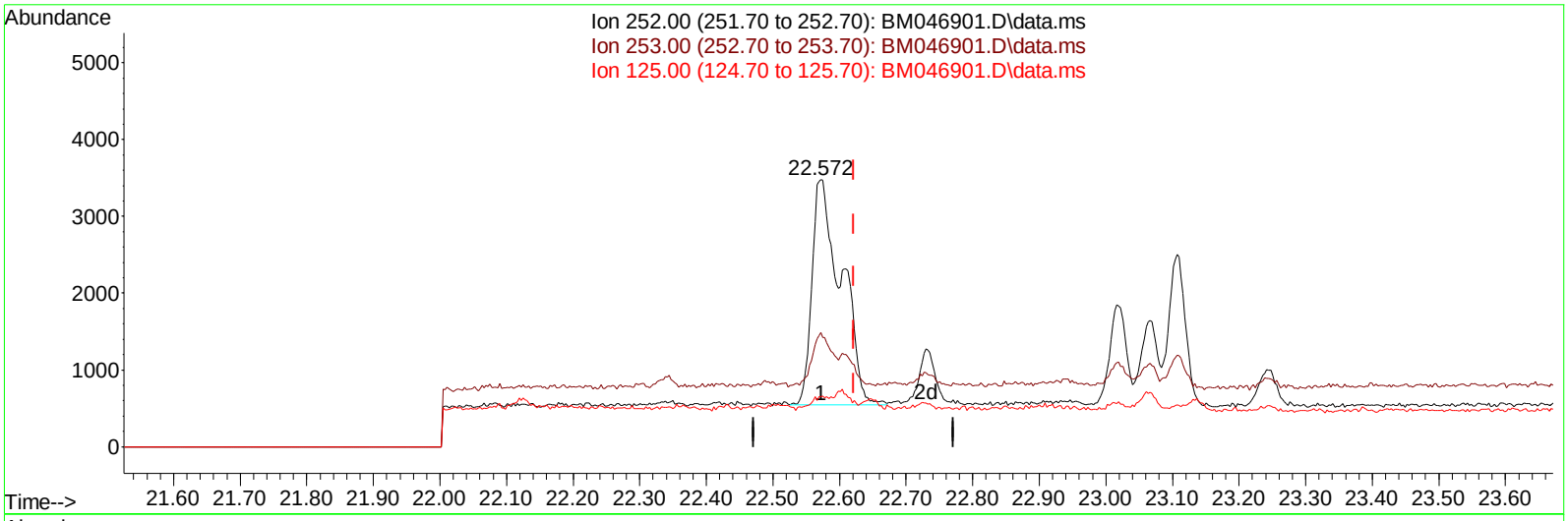

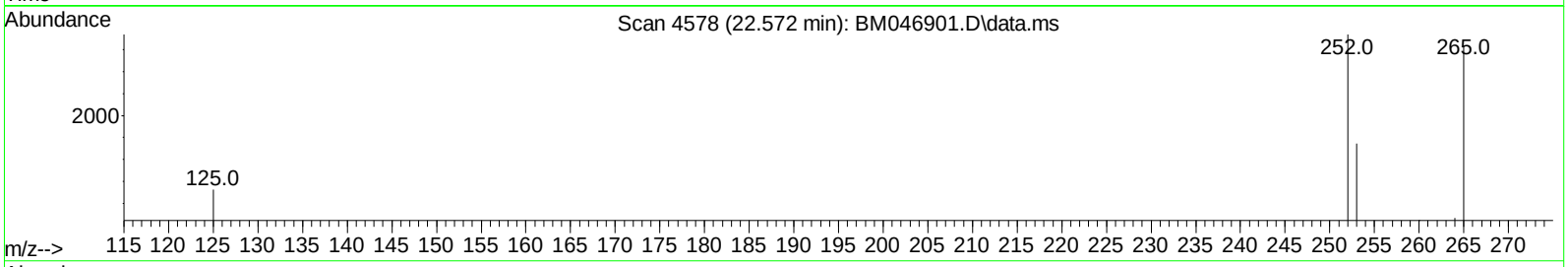

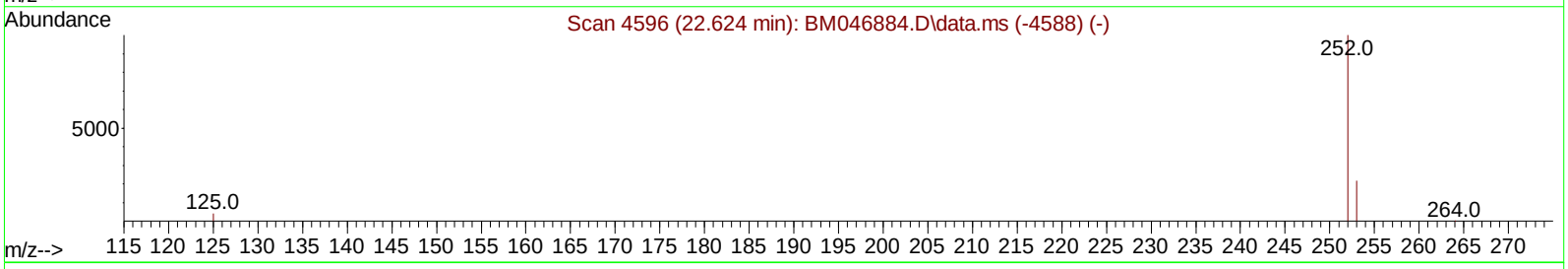

TIC: BM046901.D\data.ms

(25) Benzo(k)fluoranthene

22.572min (-0.049) 0.27 ng/ul

response 9012

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.40	42.78#
125.00	10.80	18.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_M
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Manual IntegrationsAPPROVED

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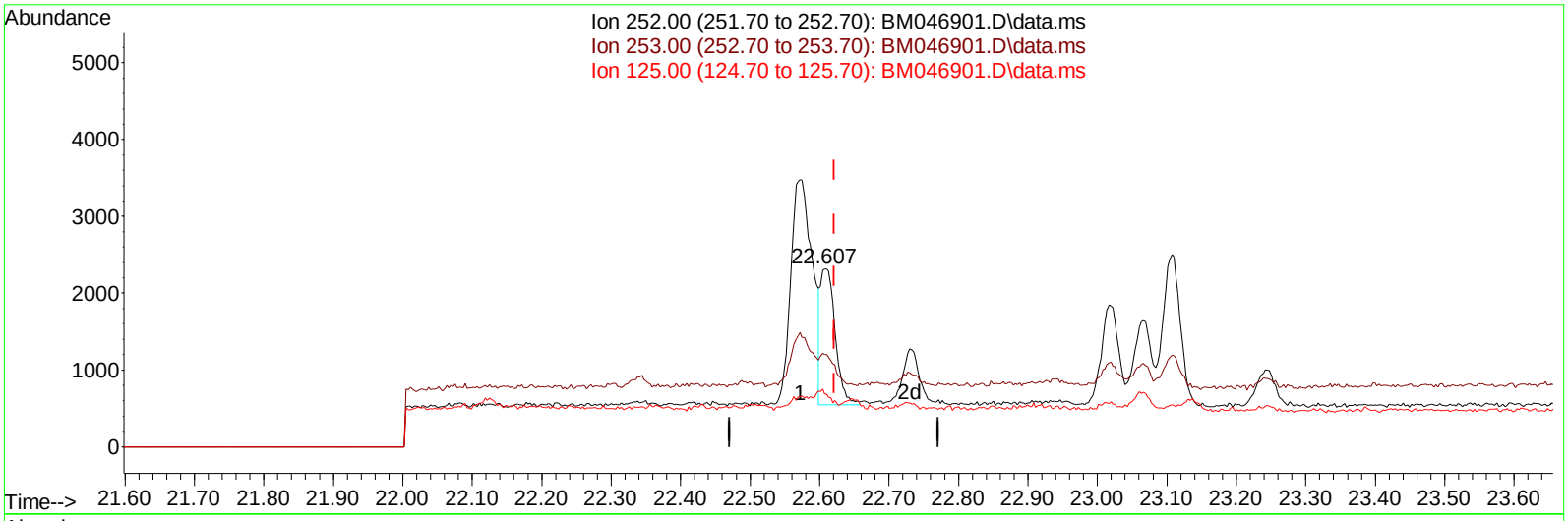

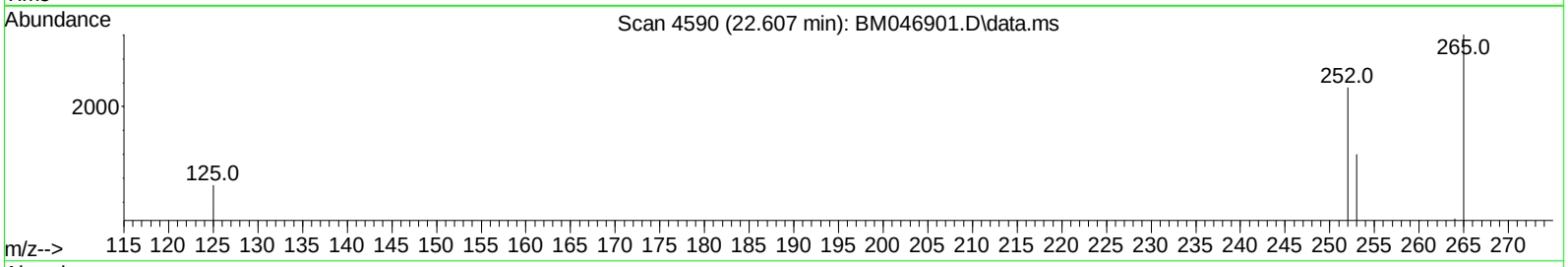

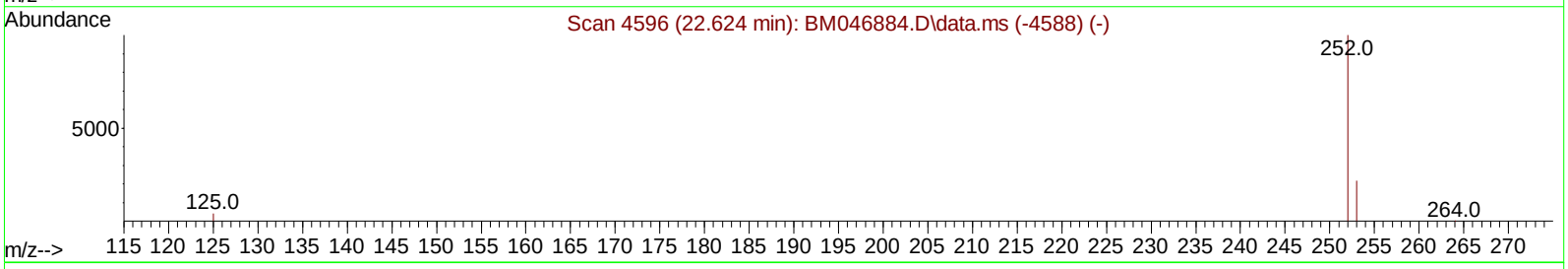

TIC: BM046901.D\data.ms

(25) Benzo(k)fluoranthene

22.607min (-0.014) 0.08 ng/ul m

response 2601

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.40	52.03#
125.00	10.80	29.66#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
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Acq On : 30 Jul 2024 01:54
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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	3137	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.209	136	9073	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.103	164	5620	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.861	188	11427	0.400	ng/ul	0.00
17) Chrysene-d12	21.073	240	8235	0.400	ng/ul	0.00
23) Perylene-d12	23.198	264	7564m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	7203	3.279	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.810	152	3456	0.240	ng/ul	-0.02
18) Fluoranthene-d10	18.903	212	6382	0.238	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.259	128	464528	20.242	ng/ul	96
7) 2-Methylnaphthalene	11.887	142	63406	4.015	ng/ul	99
8) 1-Methylnaphthalene	12.112	142	31271	1.917	ng/ul	99
10) Acenaphthylene	13.821	152	3432	0.133	ng/ul#	93
11) Acenaphthene	14.168	153	45156	2.585	ng/ul	98
12) Fluorene	15.162	166	47687	2.184	ng/ul	97
15) Phenanthrene	16.899	178	159100	4.844	ng/ul	98
16) Anthracene	16.992	178	18450	0.603	ng/ul	100
19) Fluoranthene	18.931	202	71669	1.982	ng/ul	99
20) Pyrene	19.298	202	46205	1.235	ng/ul	99
21) Benzo(a)anthracene	21.056	228	11914	0.347	ng/ul	99
22) Chrysene	21.108	228	9475	0.272	ng/ul	97
24) Benzo(b)fluoranthene	22.572	252	6356m	0.191	ng/ul	
25) Benzo(k)fluoranthene	22.607	252	2601m	0.078	ng/ul	
26) Benzo(a)pyrene	23.107	252	3368	0.141	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.296	276	1410	0.038	ng/ul#	90
29) Benzo(g,h,i)perylene	25.934	276	1150	0.036	ng/ul#	43

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

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