Quantitation Report (Qedit)

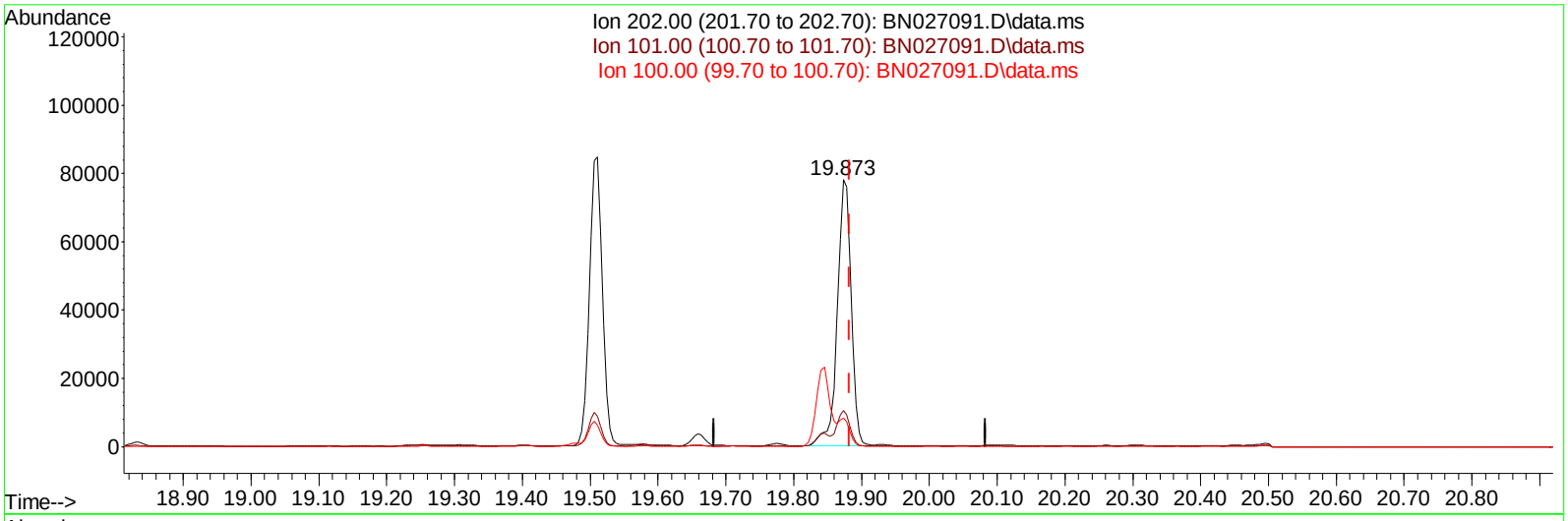
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027091.D
Acq On : 24 Aug 2023 09:42
Operator : MA/JU
Sample : 03968-30
Misc :
ALS Vial : 111 Sample Multiplier: 1

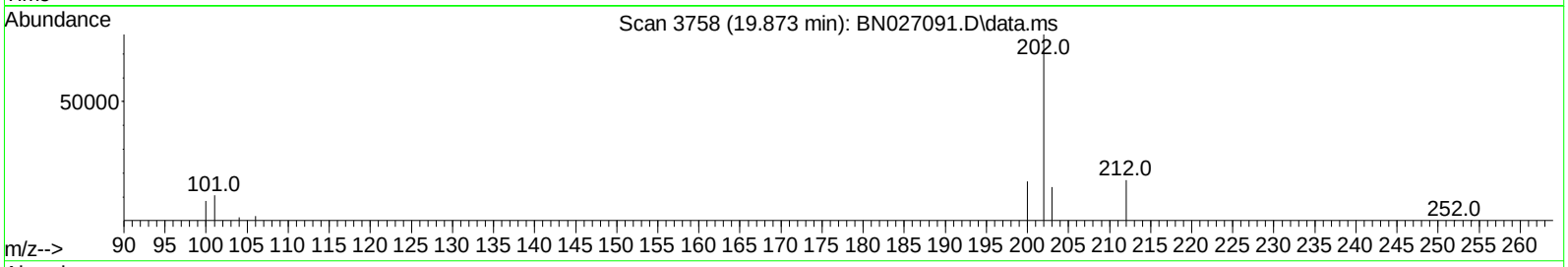
Quant Time: Aug 25 02:57:36 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
Response via : Initial Calibration

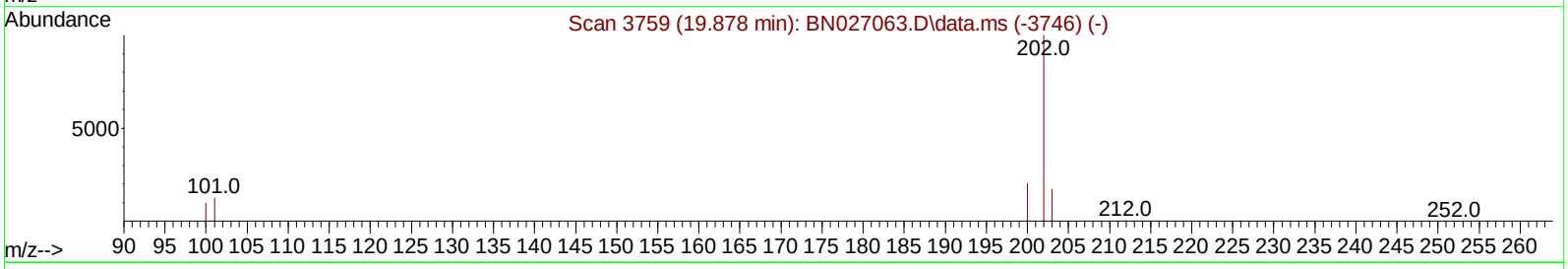
Instrument :
BNA_N
ClientSampleId :
A48P8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023







TIC: BN027091.D\data.ms

(20) Pyrene

19.873min (-0.009) 0.52 ng/ul

response 109415

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	13.64
100.00	10.60	10.79
0.00	0.00	0.00

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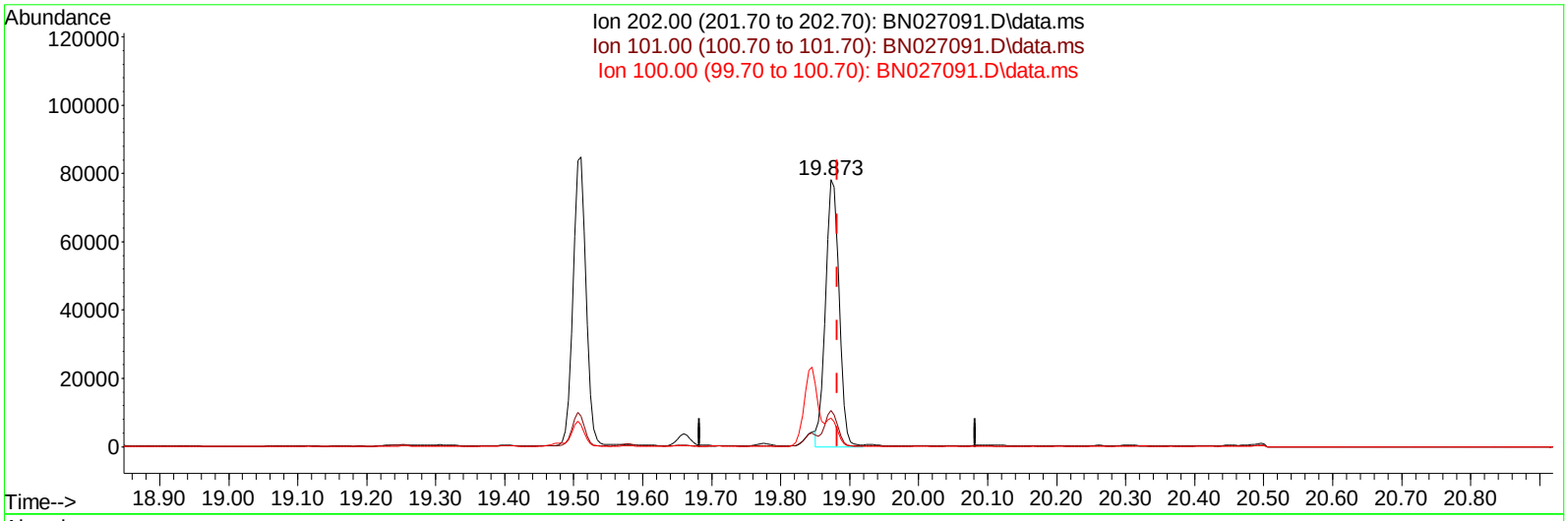

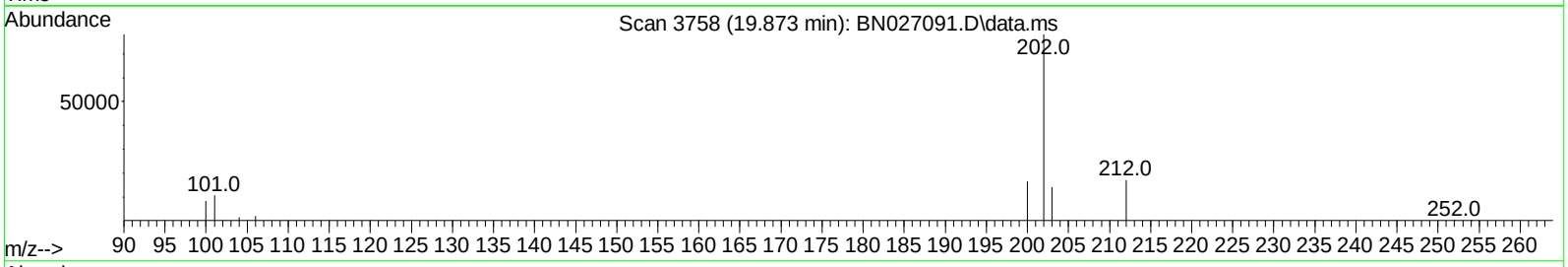

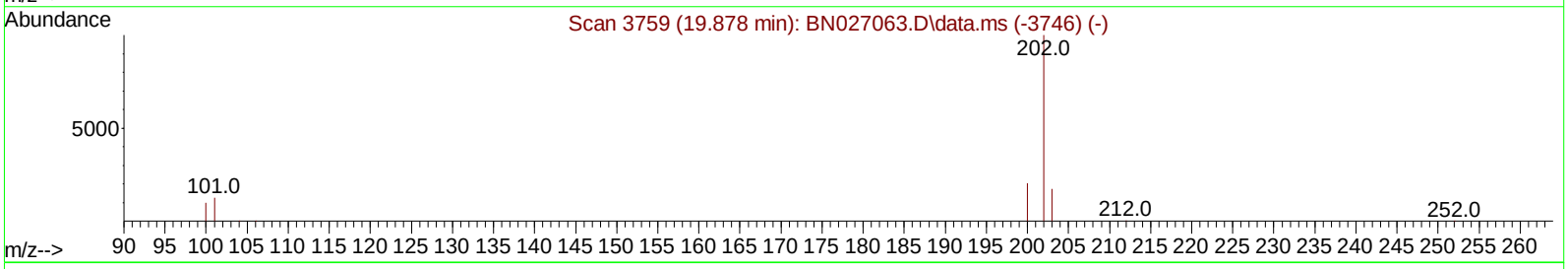

TIC: BN027091.D\data.ms

(20) Pyrene

19.873min (-0.009) 0.51 ng/ul m

response 105893

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	13.64
100.00	10.60	10.79
0.00	0.00	0.00

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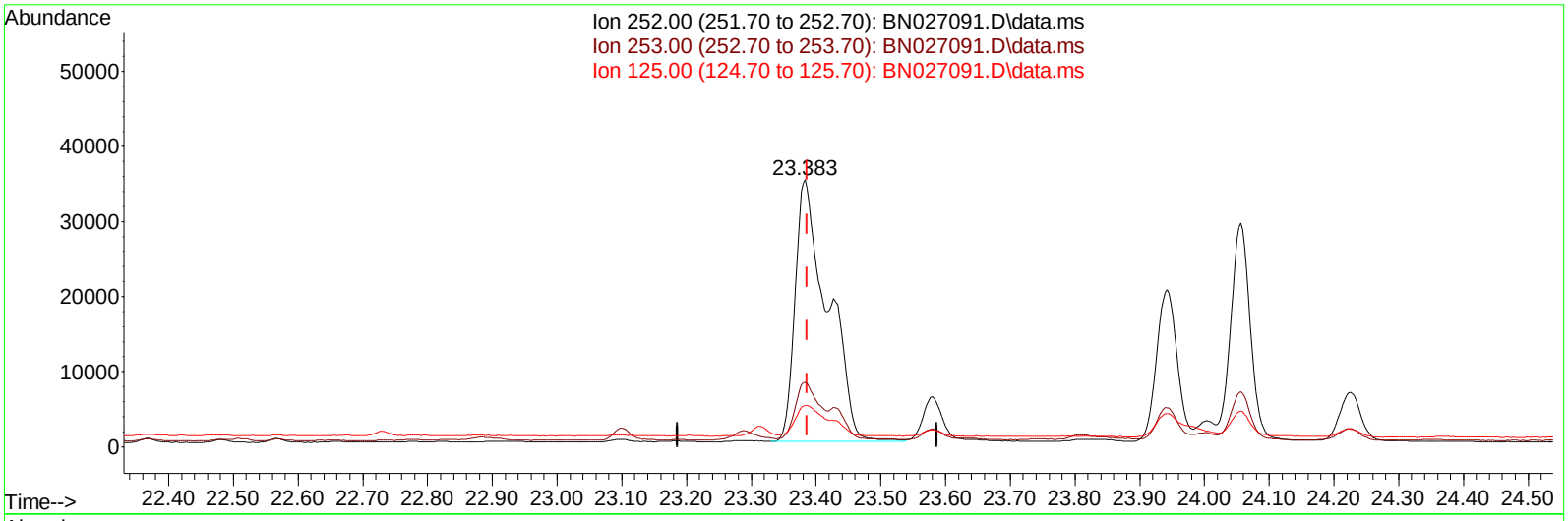

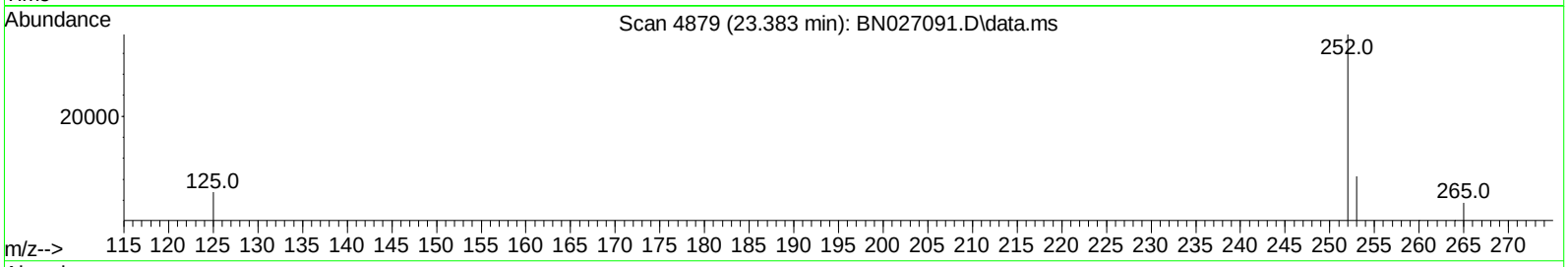

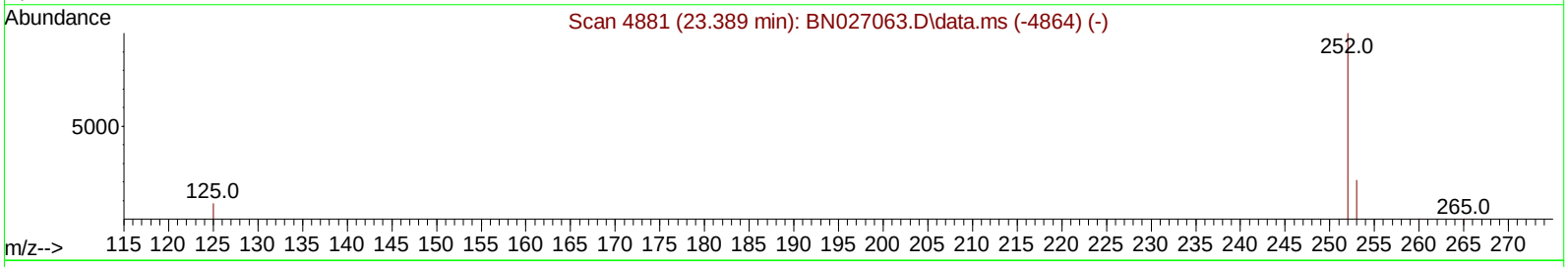

TIC: BN027091.D\data.ms

(24) Benzo(b)fluoranthene

23.383min (-0.003) 0.70 ng/ul

response 121160

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	24.12
125.00	12.60	15.57
0.00	0.00	0.00

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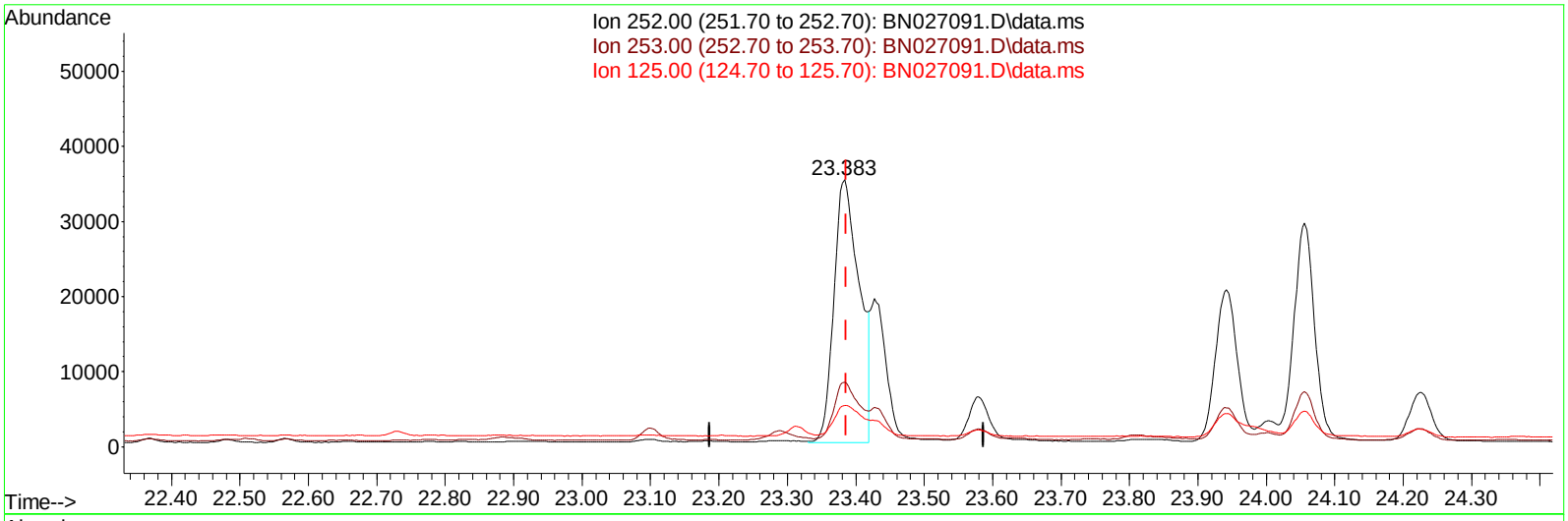

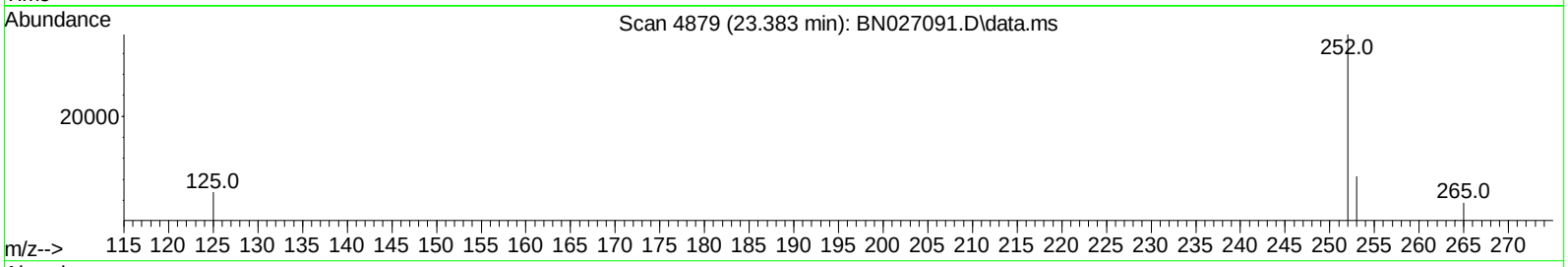

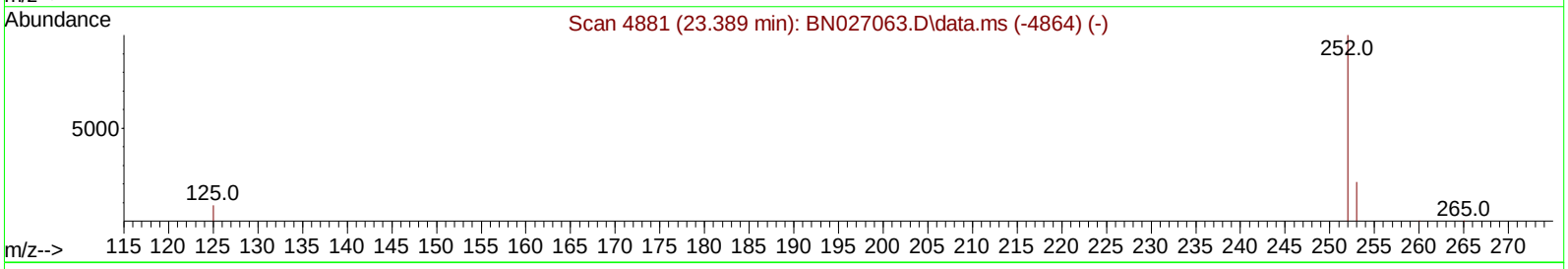

TIC: BN027091.D\data.ms

(24) Benzo(b)fluoranthene

23.383min (-0.003) 0.52 ng/ul m

response 90566

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	24.12
125.00	12.60	15.57
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 111 Sample Multiplier: 1

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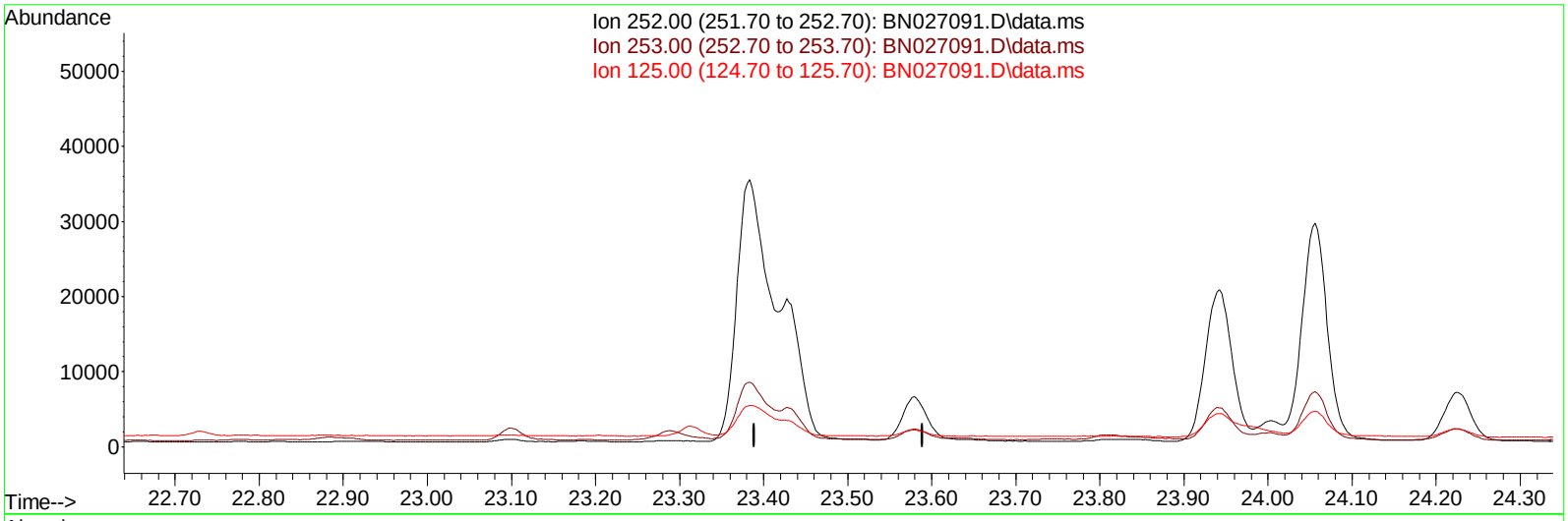

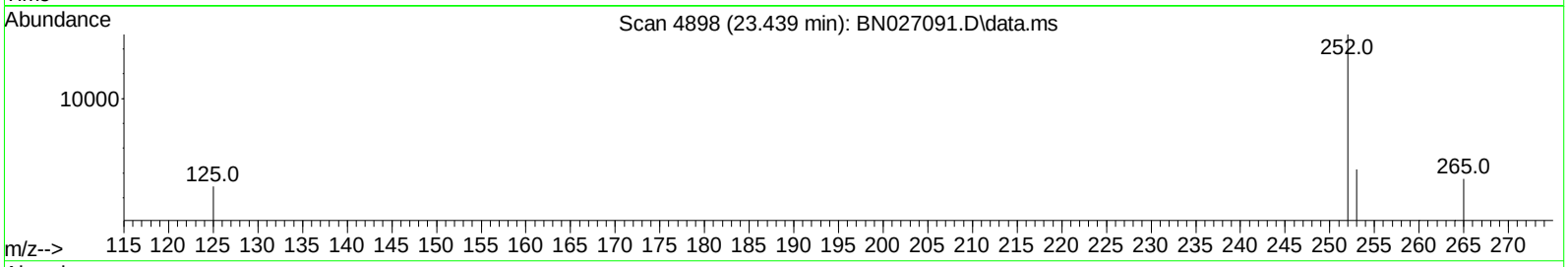

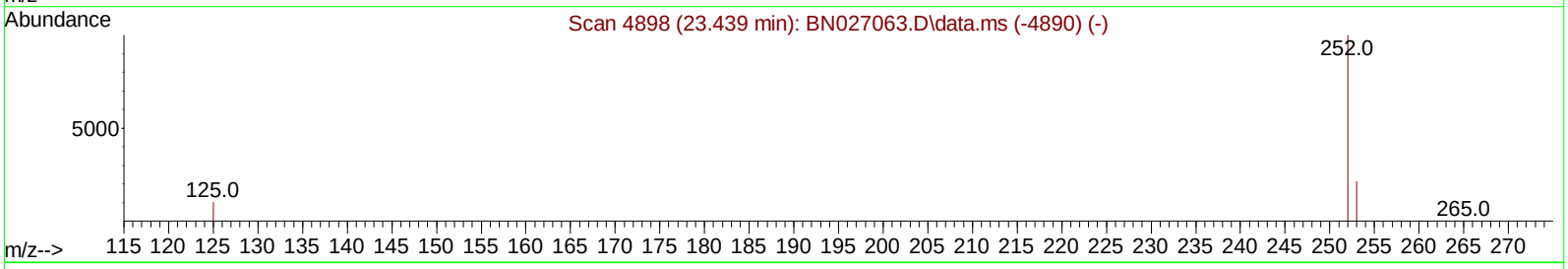

TIC: BN027091.D\data.ms

(25) Benzo(k)fluoranthene

23.439min (-23.439) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	22.80	0.00#
125.00	12.40	0.00#
0.00	0.00	0.00

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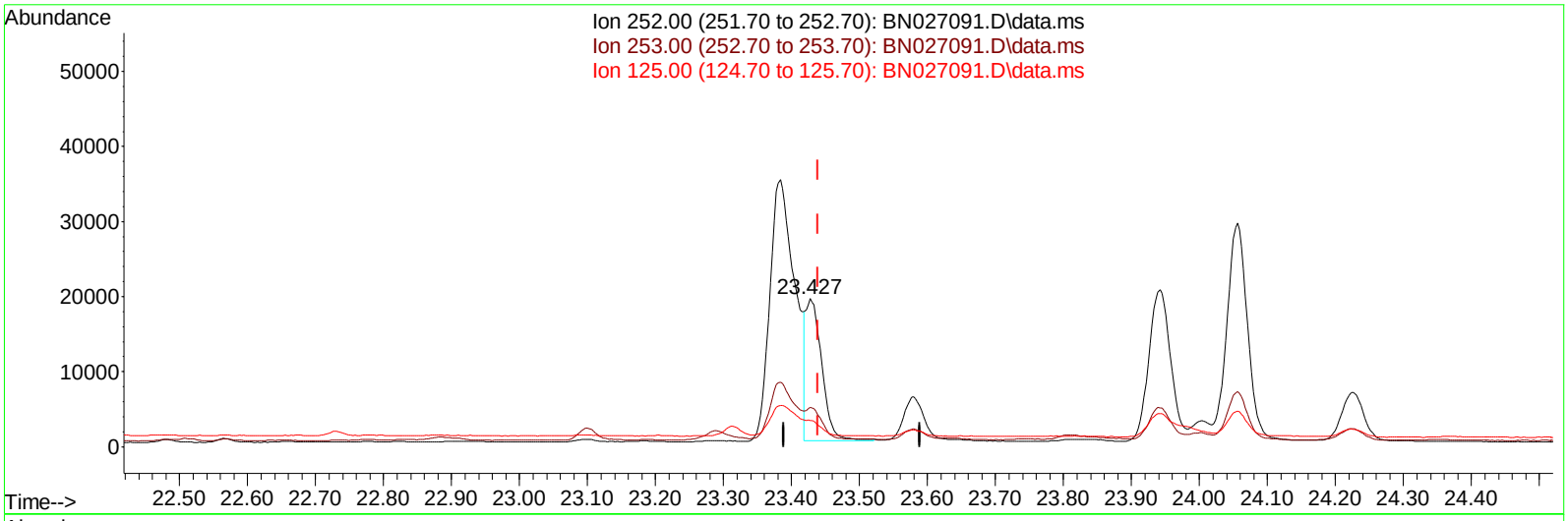

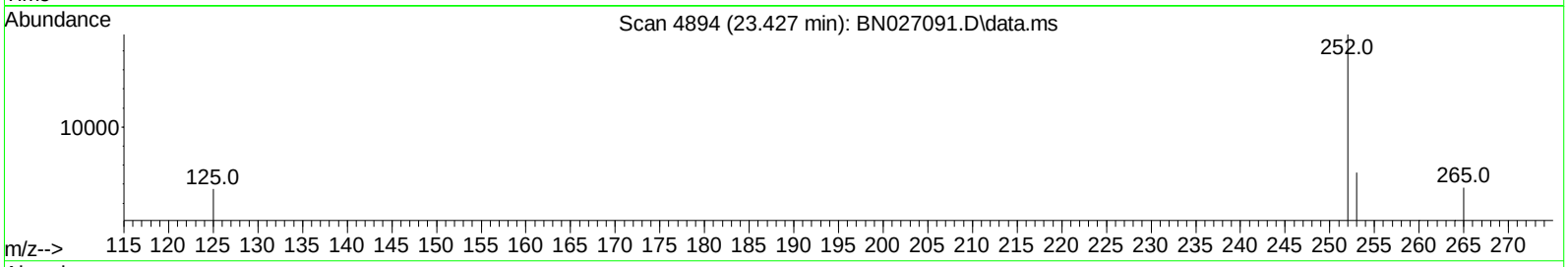

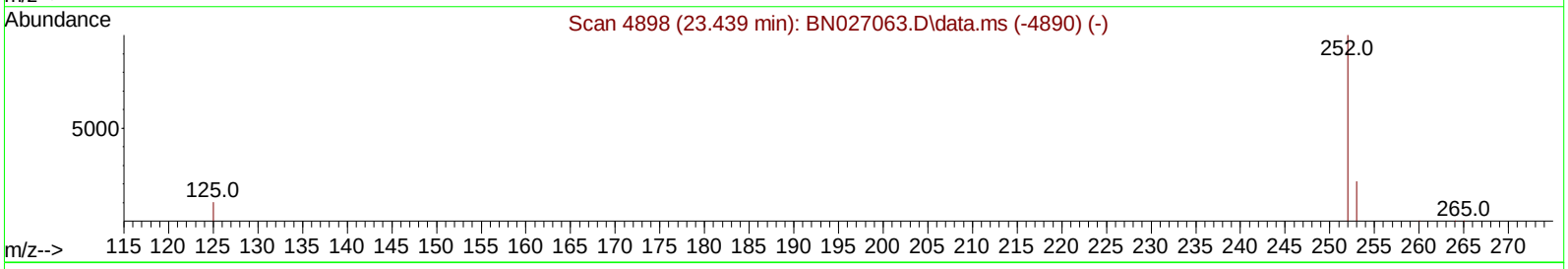

TIC: BN027091.D\data.ms

(25) Benzo(k)fluoranthene

23.427min (-0.012) 0.18 ng/ul m

response 30594

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	26.61
125.00	12.40	17.84#
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	8.089	152	11846	0.400	ng/ul	0.00
4) Naphthalene-d8	10.911	136	40512	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.717	164	24510	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	55495	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	47197	0.400	ng/ul	0.00
23) Perylene-d12	24.167	264	46079	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	34902	2.482	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	6801	0.114	ng/ul	0.00
18) Fluoranthene-d10	19.478	212	19231	0.129	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.444	152	7010	0.051	ng/ul	96
15) Phenanthrene	17.502	178	34092	0.187	ng/ul	100
16) Anthracene	17.595	178	9116	0.055	ng/ul	96
19) Fluoranthene	19.511	202	113126	0.577	ng/ul	100
20) Pyrene	19.873	202	105893m	0.506	ng/ul	
21) Benzo(a)anthracene	21.618	228	66991	0.357	ng/ul	98
22) Chrysene	21.671	228	57146	0.308	ng/ul	98
24) Benzo(b)fluoranthene	23.383	252	90566m	0.520	ng/ul	
25) Benzo(k)fluoranthene	23.427	252	30594m	0.178	ng/ul	
26) Benzo(a)pyrene	24.056	252	60523	0.385	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.841	276	35482	0.172	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.861	278	8157	0.050	ng/ul#	74
29) Benzo(g,h,i)perylene	27.679	276	32530	0.190	ng/ul	97

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

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