Quantitation Report (Qedit)

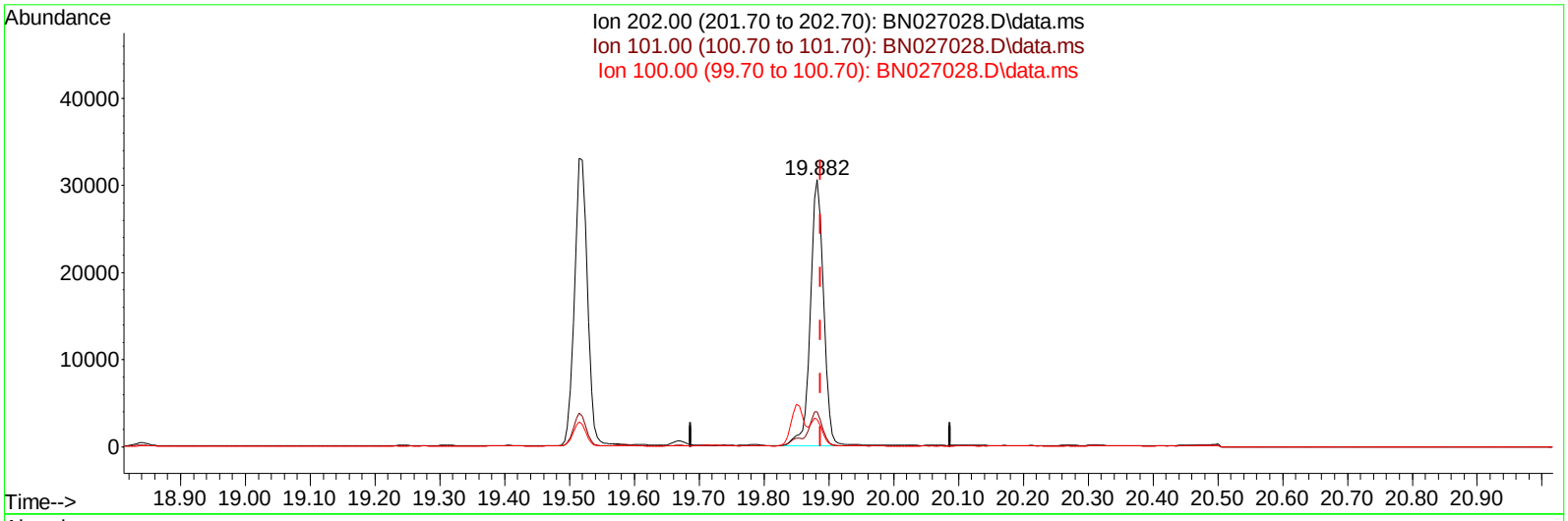
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027028.D
Acq On : 22 Aug 2023 15:55
Operator : MA/JU
Sample : 03967-10DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

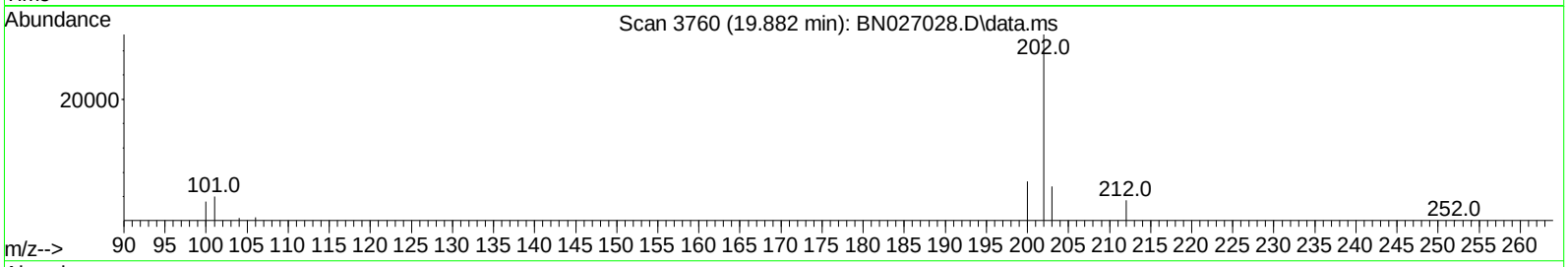
Quant Time: Aug 23 01:43:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration

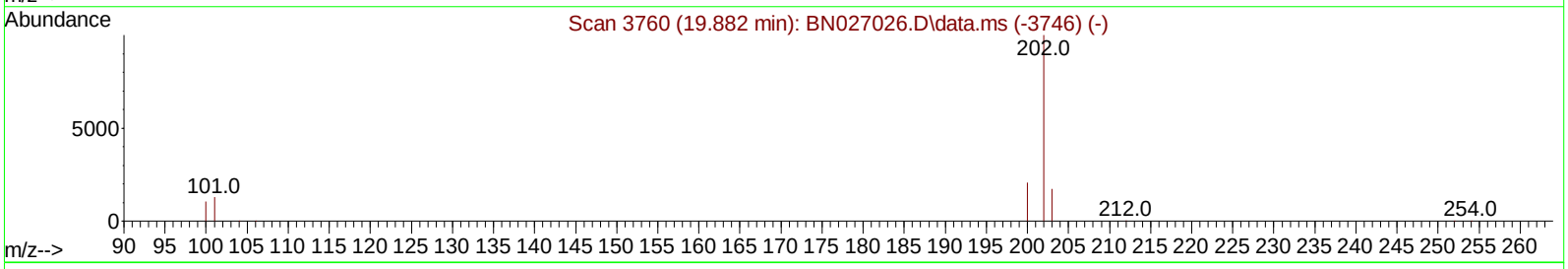
Instrument :
BNA_N
ClientSampleId :
A48L8DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023







TIC: BN027028.D\data.ms

(20) Pyrene

19.882min (-0.005) 0.36 ng/ul

response 43619

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	13.02
100.00	10.60	10.27
0.00	0.00	0.00

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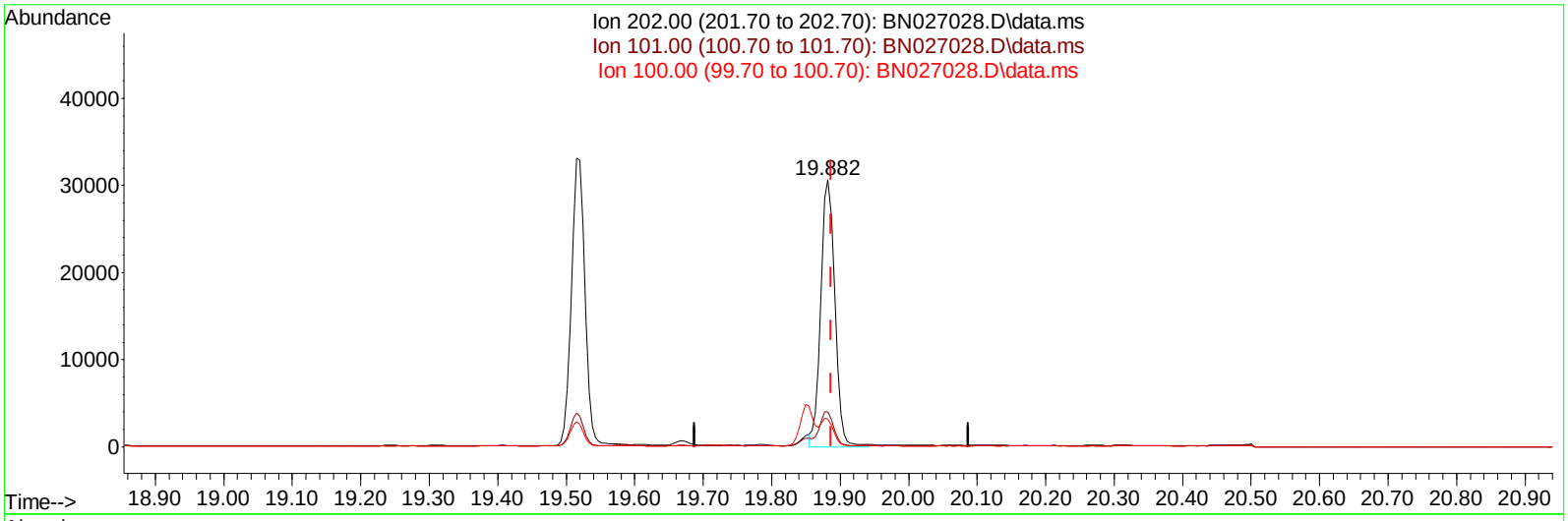

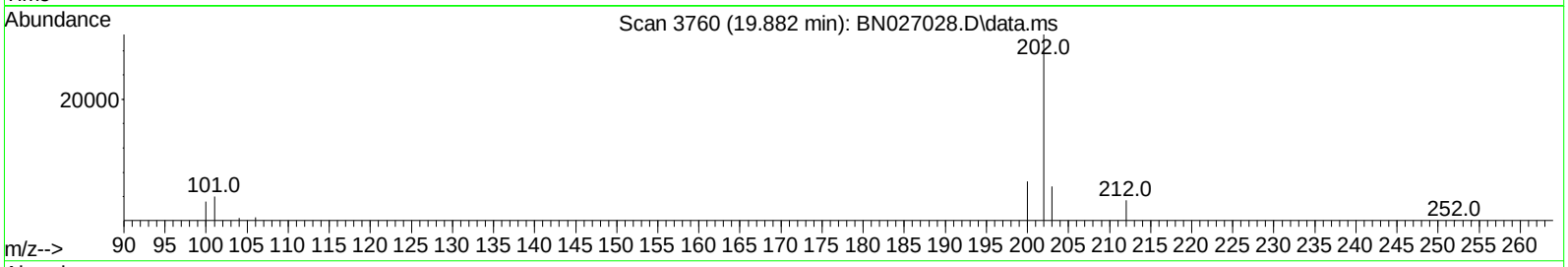

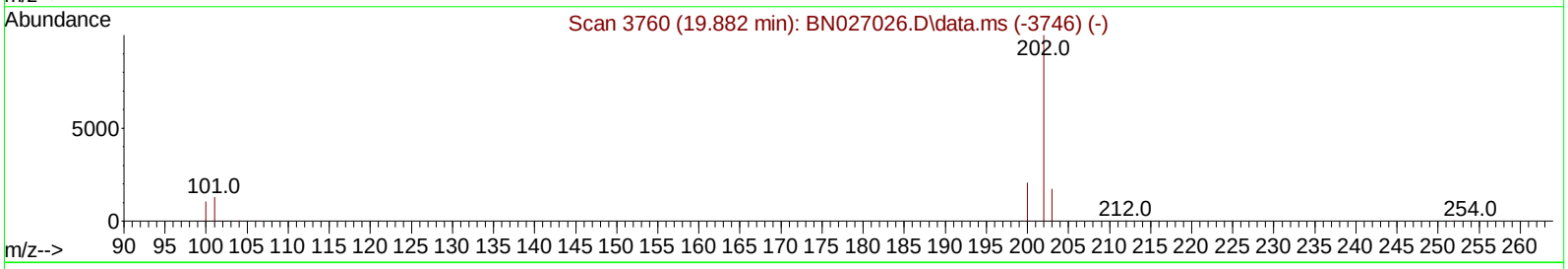

TIC: BN027028.D\data.ms

(20) Pyrene

19.882min (-0.005) 0.35 ng/ul m

response 42956

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	13.02
100.00	10.60	10.27
0.00	0.00	0.00

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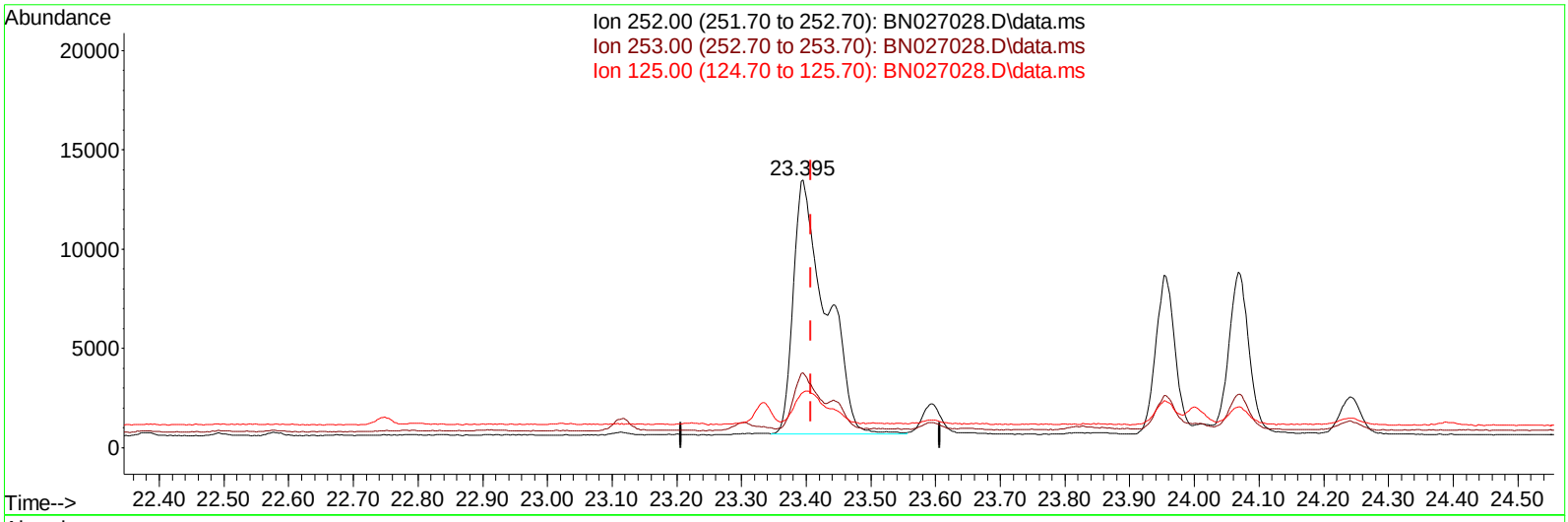

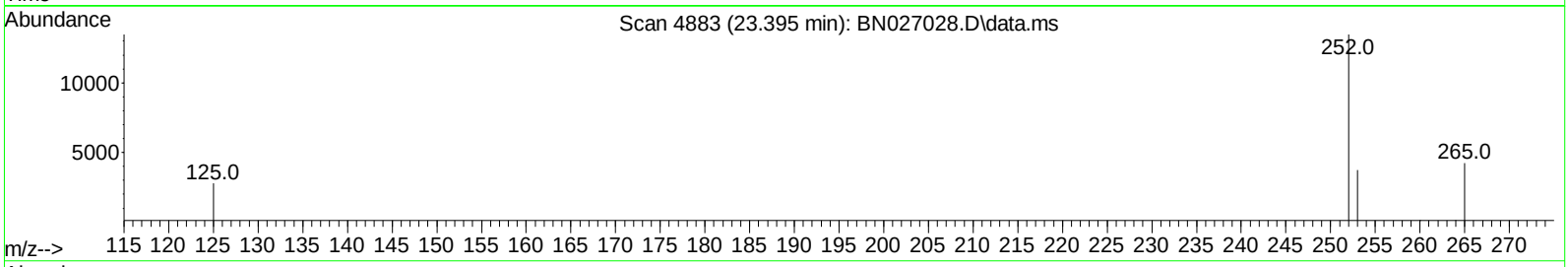

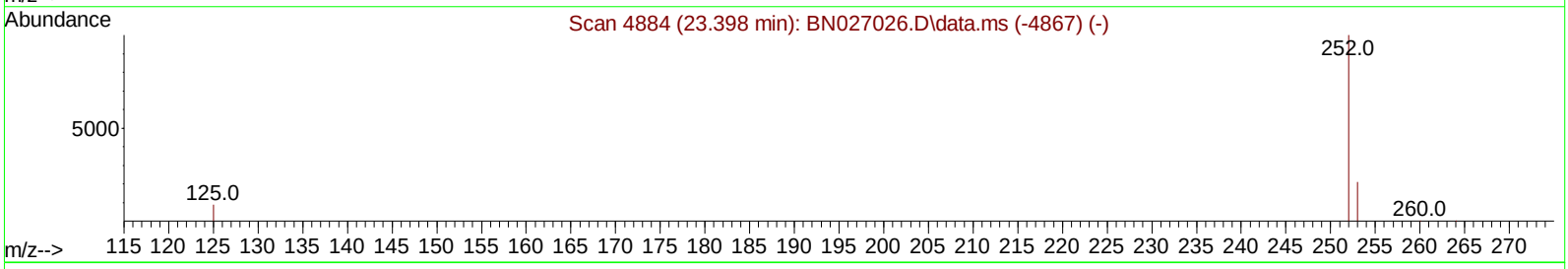

TIC: BN027028.D\data.ms

(24) Benzo(b)fluoranthene

23.395min (-0.012) 0.49 ng/ul

response 44720

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	27.90
125.00	12.60	20.70
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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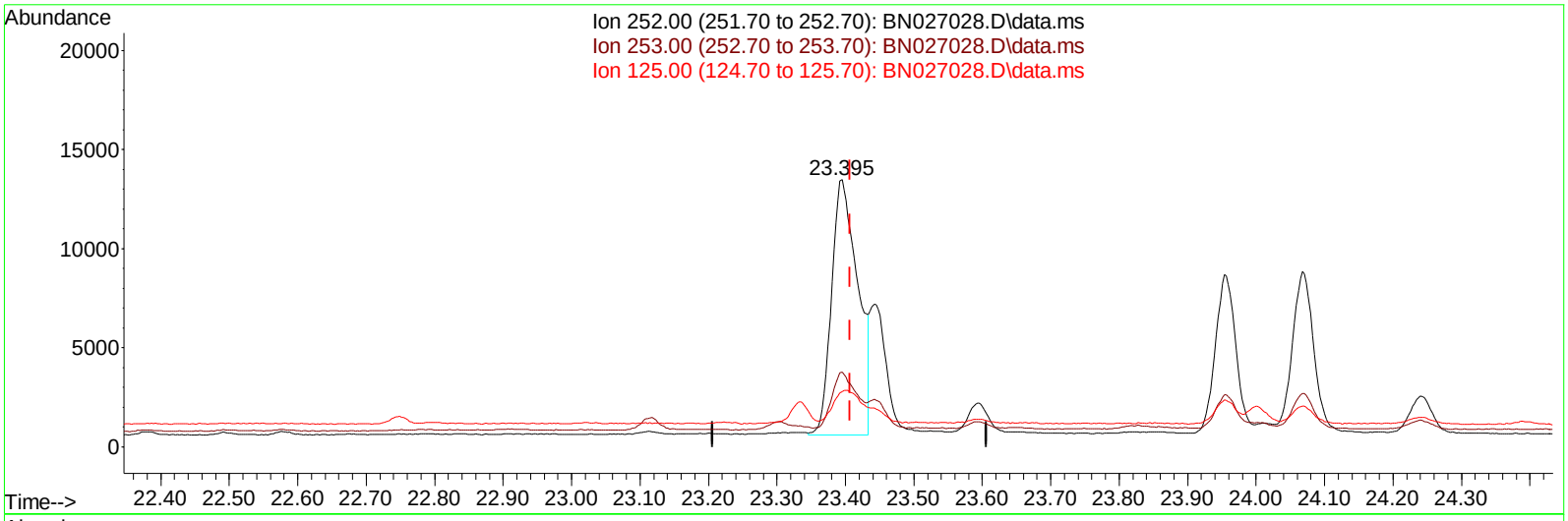

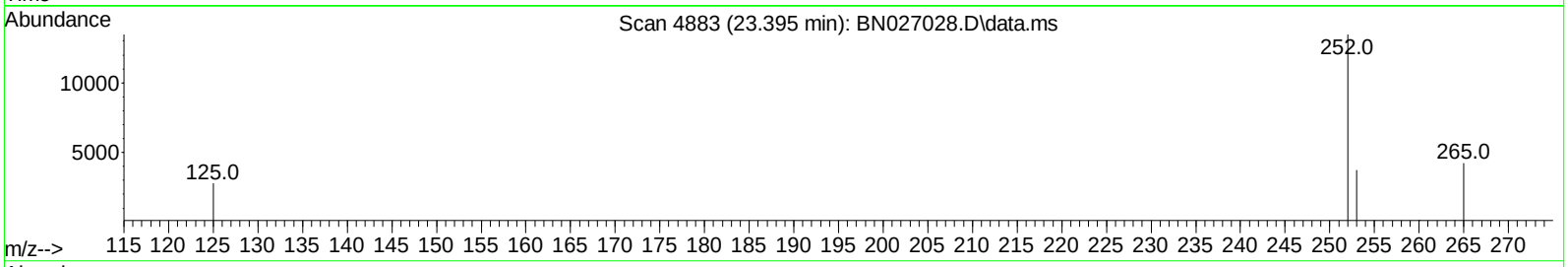

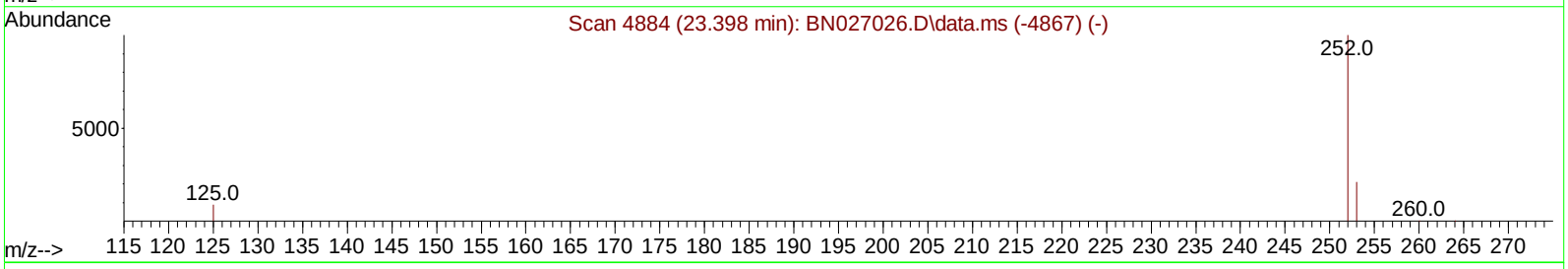

TIC: BN027028.D\data.ms

(24) Benzo(b)fluoranthene

23.395min (-0.012) 0.38 ng/ul m

response 34317

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	27.90
125.00	12.60	20.70
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 47 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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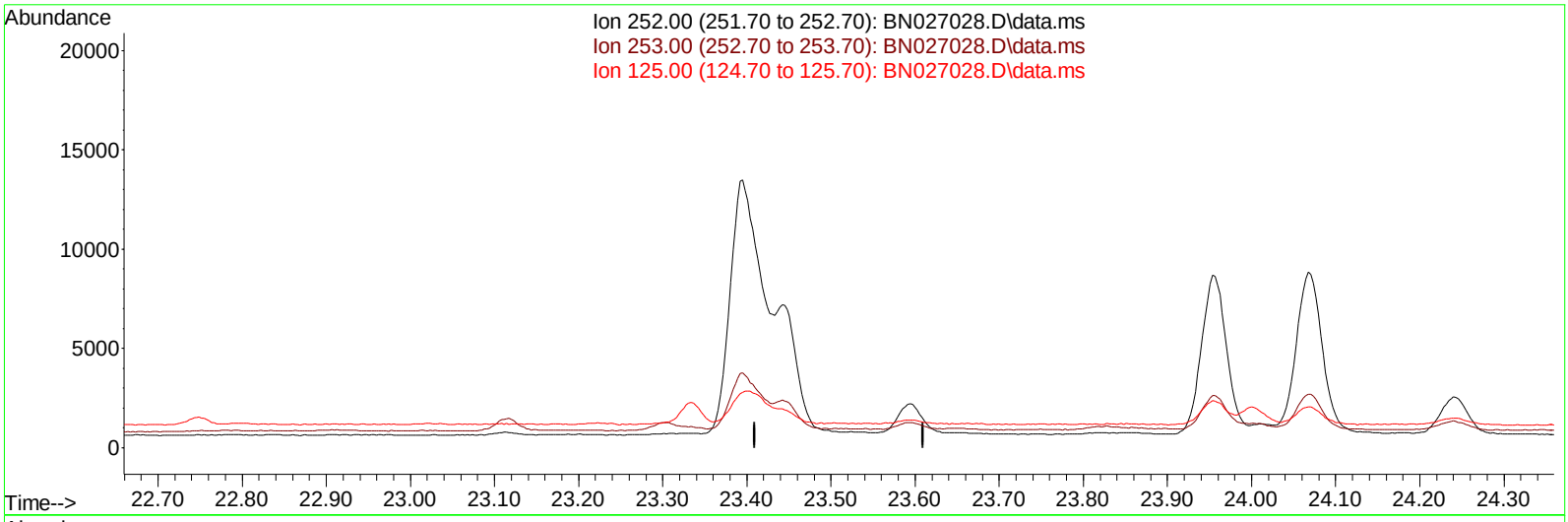

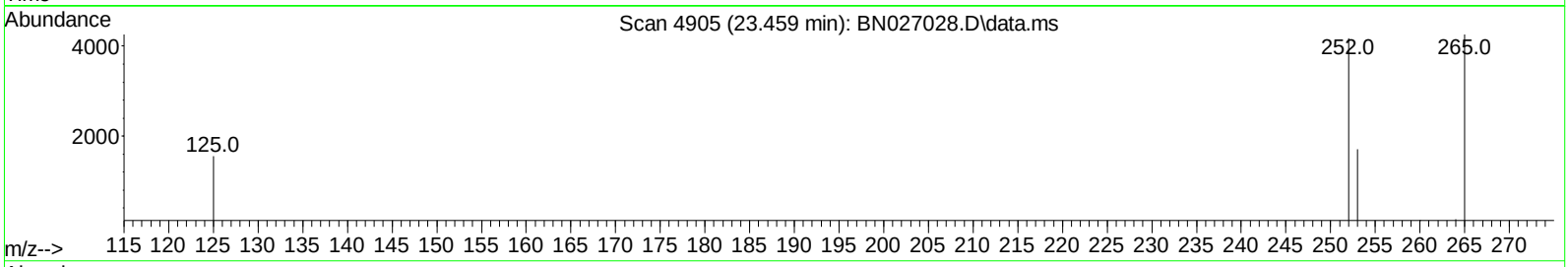

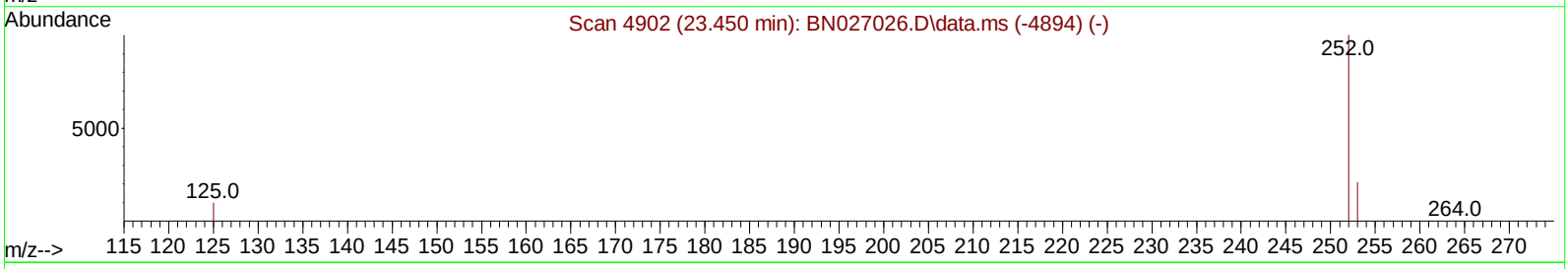

TIC: BN027028.D\data.ms

(25) Benzo(k)fluoranthene

23.460min (-23.460) 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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Misc :
ALS Vial : 47 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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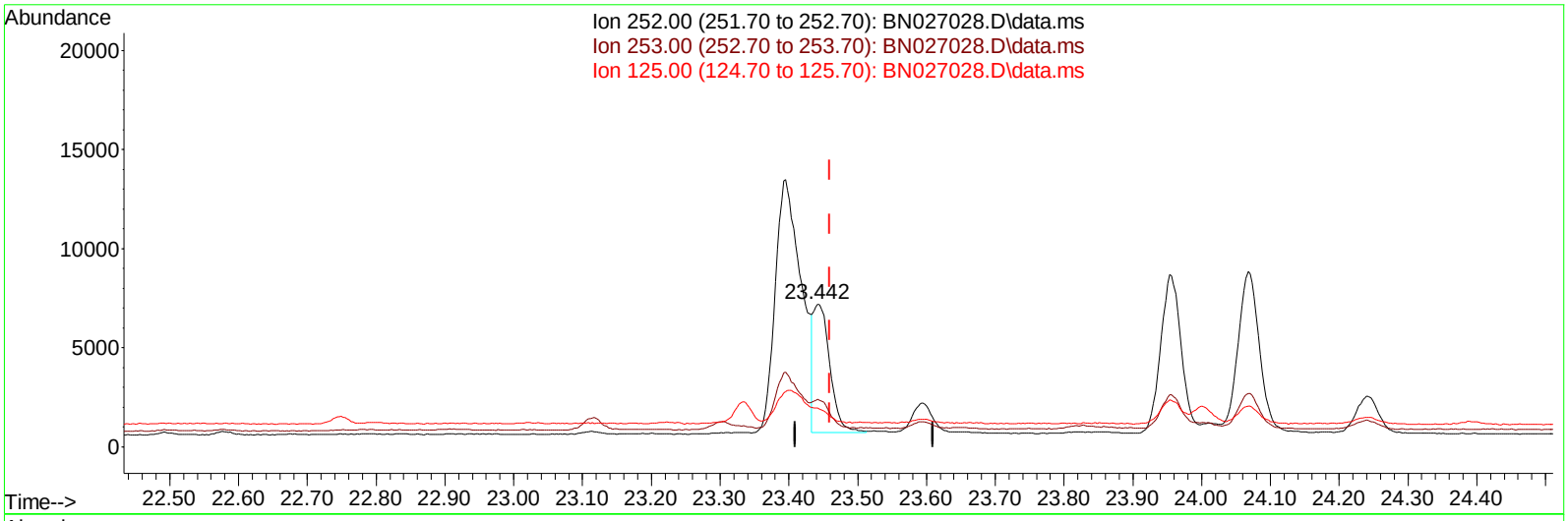

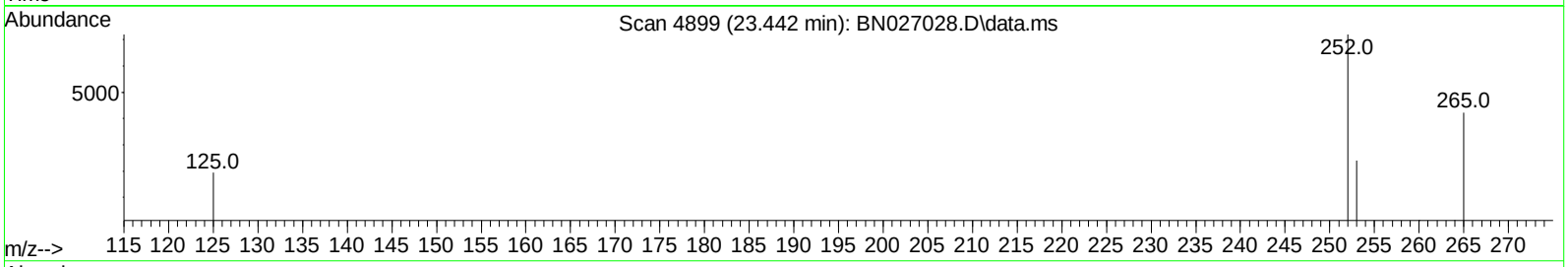

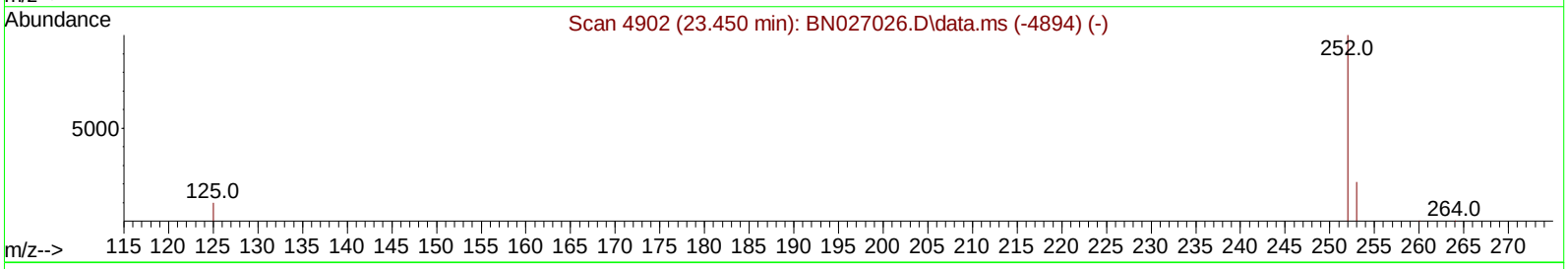

TIC: BN027028.D\data.ms

(25) Benzo(k)fluoranthene

23.442min (-0.018) 0.12 ng/ul m

response 10702

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	33.36#
125.00	12.40	26.96#
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	8.097	152	8374	0.400	ng/ul	0.00
4) Naphthalene-d8	10.922	136	27609	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	16403	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	35416	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	27443	0.400	ng/ul	0.00
23) Perylene-d12	24.184	264	23947	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	7281	0.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.495	152	1581	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	3681	0.042	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.510	178	15859	0.136	ng/ul	99
16) Anthracene	17.603	178	2427	0.023	ng/ul#	88
19) Fluoranthene	19.515	202	46138	0.405	ng/ul	97
20) Pyrene	19.882	202	42956m	0.353	ng/ul	
21) Benzo(a)anthracene	21.624	228	17272	0.158	ng/ul	98
22) Chrysene	21.679	228	24801	0.230	ng/ul	98
24) Benzo(b)fluoranthene	23.395	252	34317m	0.379	ng/ul	
25) Benzo(k)fluoranthene	23.442	252	10702m	0.120	ng/ul	
26) Benzo(a)pyrene	24.068	252	17664	0.216	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.868	276	13545	0.127	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.881	278	2917	0.034	ng/ul#	36
29) Benzo(g,h,i)perylene	27.710	276	13431	0.151	ng/ul	92

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

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