Quantitation Report (Qedit)

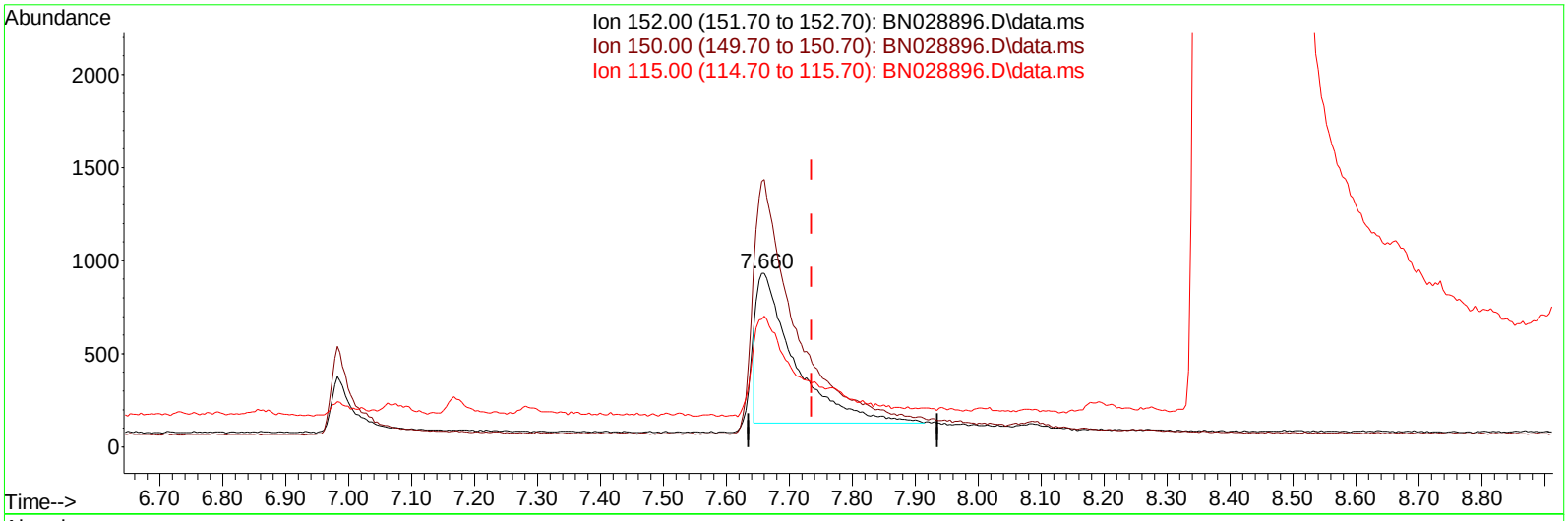
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028896.D
Acq On : 28 Nov 2023 01:33
Operator : MA/JU
Sample : 05416-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

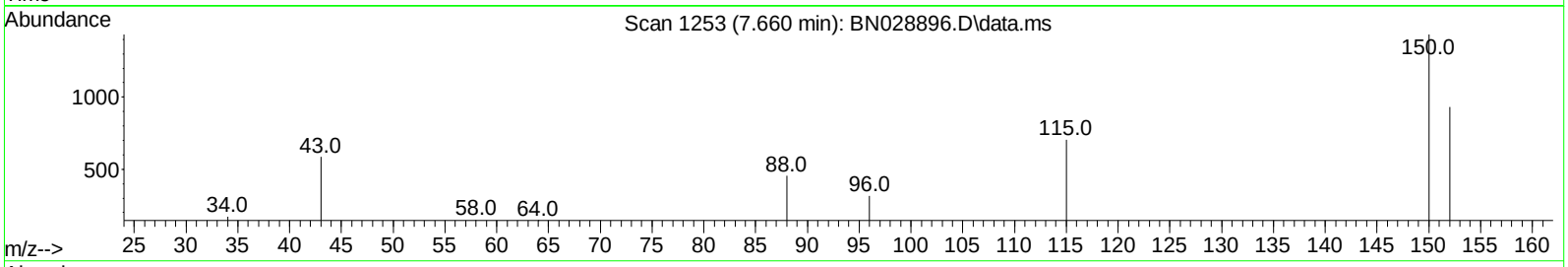
Quant Time: Nov 28 04:32:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

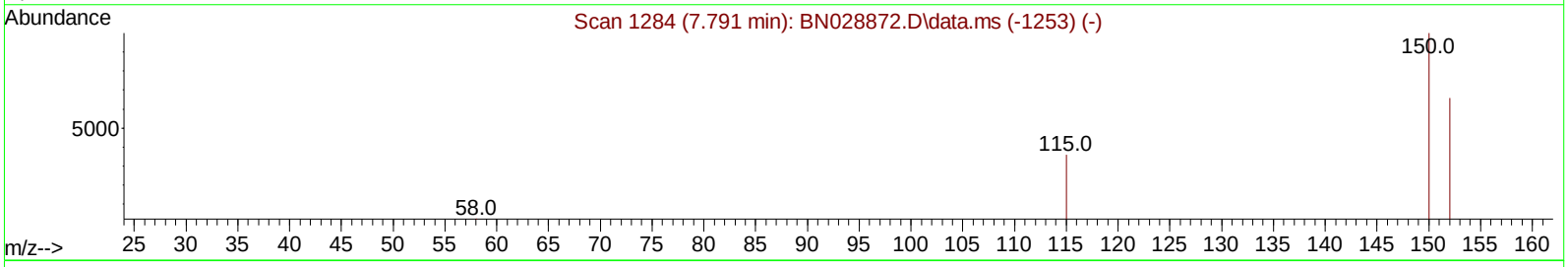
Instrument :
BNA_N
ClientSampleId :
C0AG6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023







TIC: BN028896.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.660min (-0.076) 0.40 ng/ul

response 3346

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	153.70
115.00	62.20	75.35#
0.00	0.00	0.00

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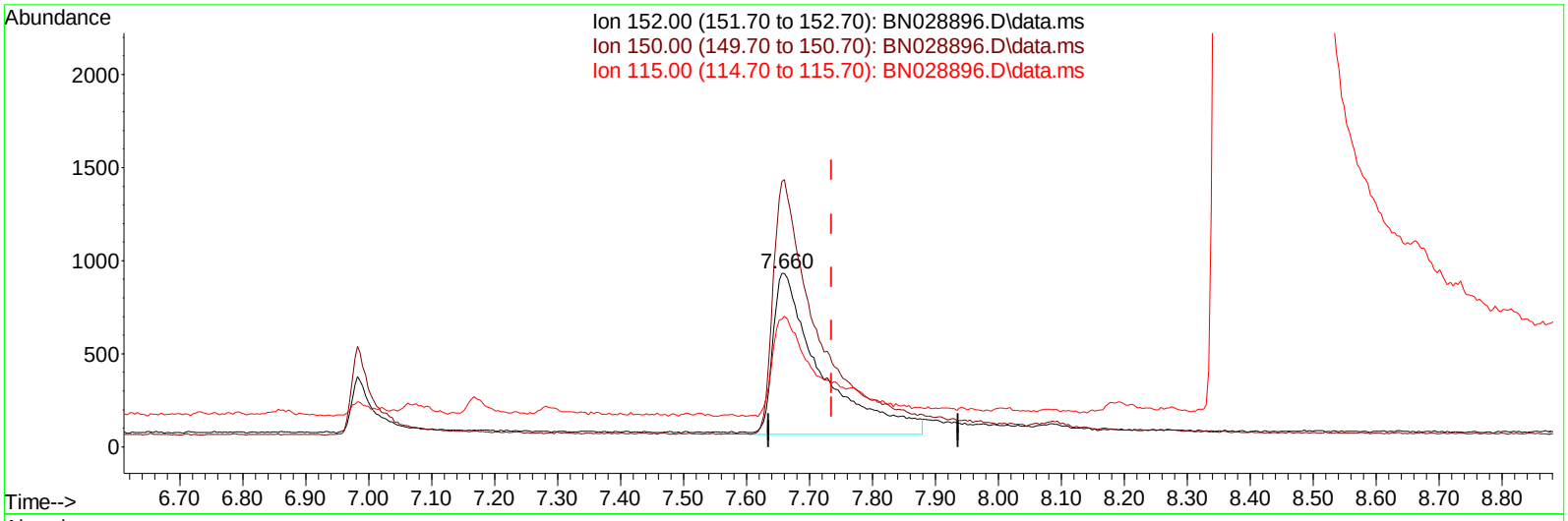

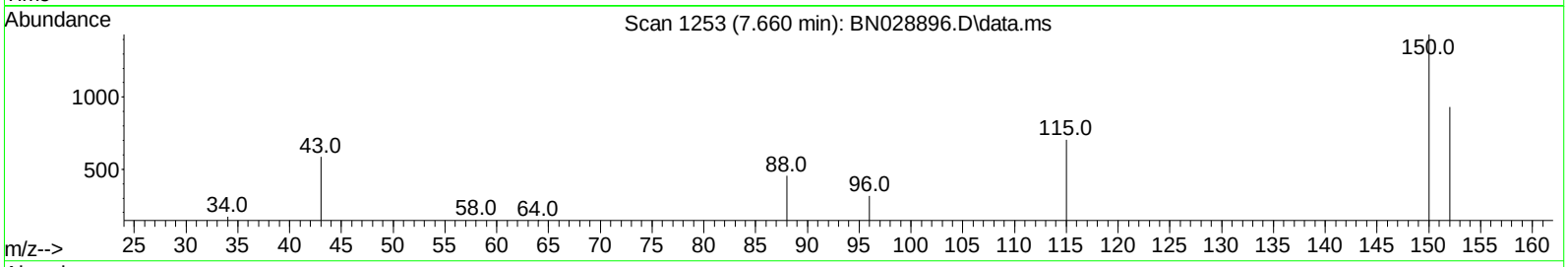

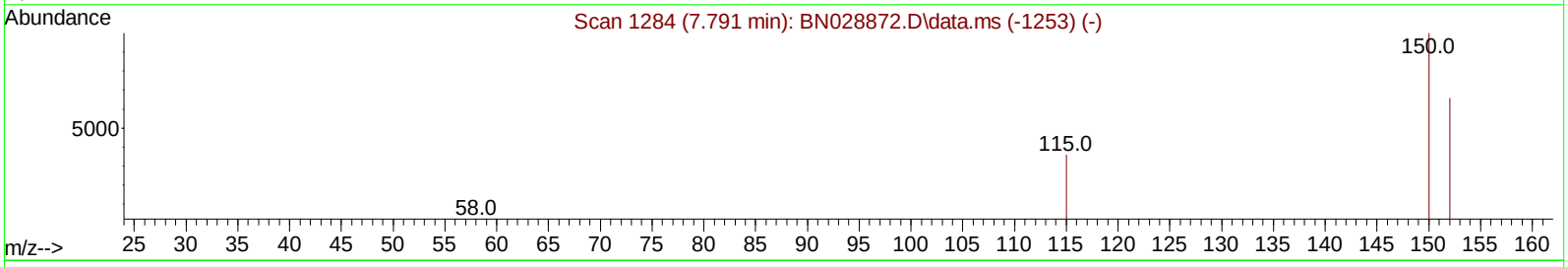

TIC: BN028896.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.660min (-0.076) 0.40 ng/ul m

response 4583

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	153.70
115.00	62.20	75.35#
0.00	0.00	0.00

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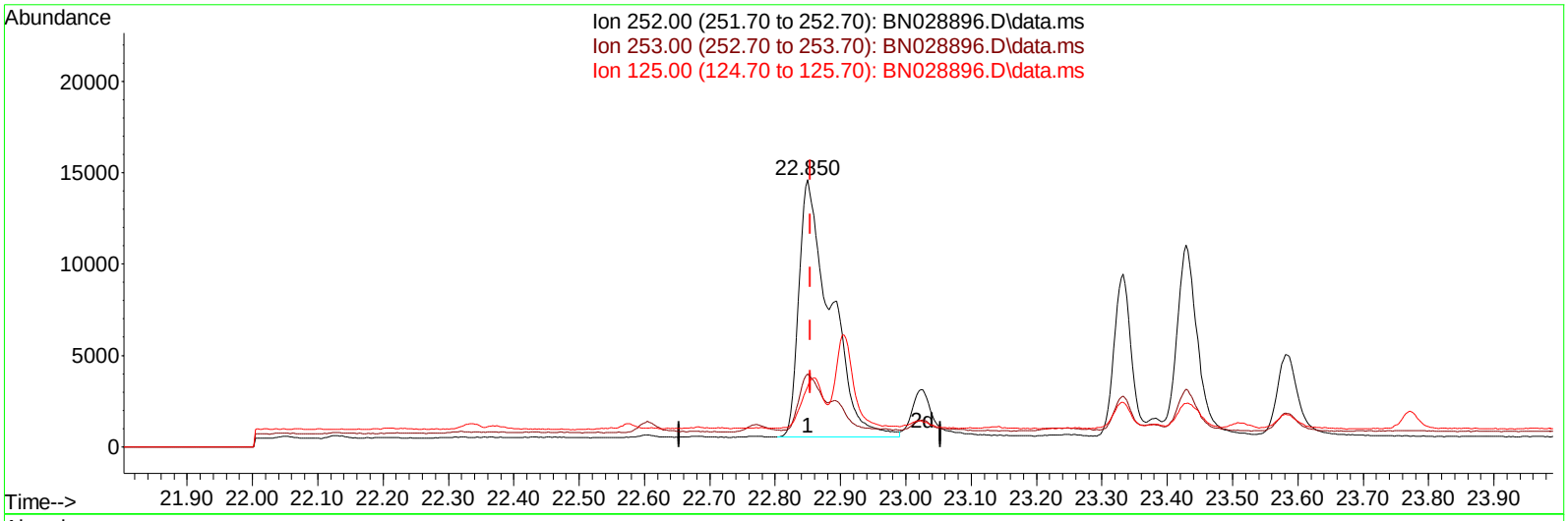

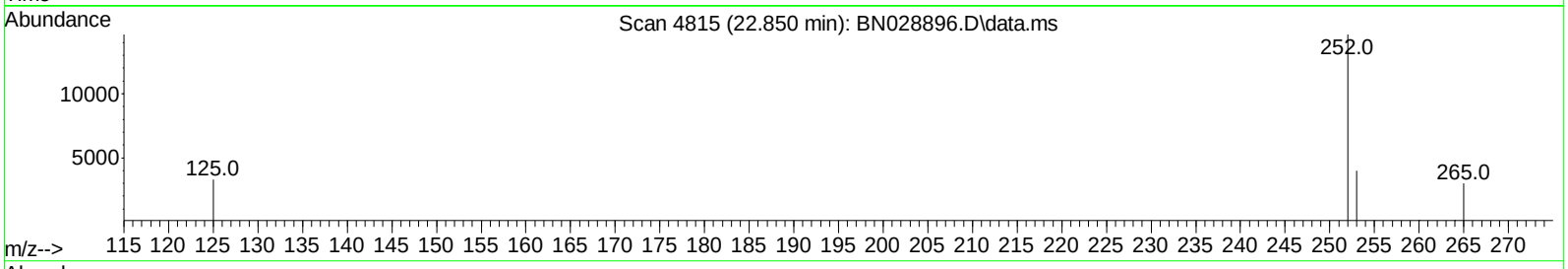

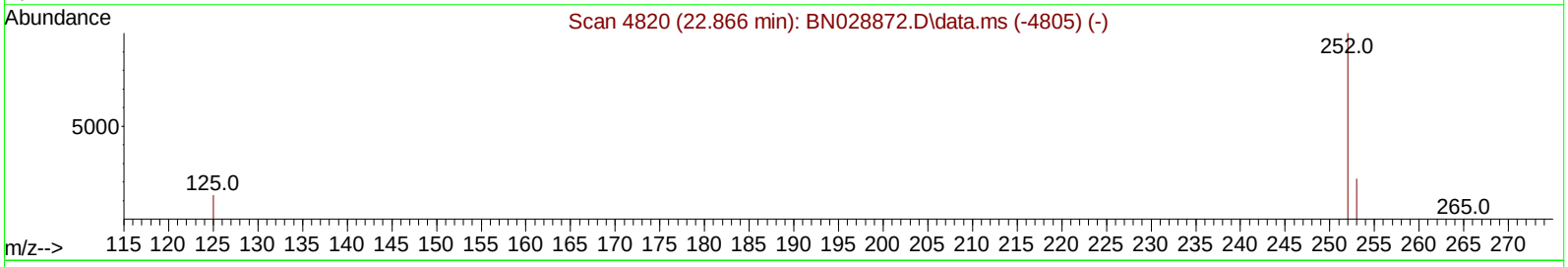

TIC: BN028896.D\data.ms

(24) Benzo(b)fluoranthene

22.850min (-0.004) 1.15 ng/ul

response 47112

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	27.25
125.00	13.80	22.53
0.00	0.00	0.00

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Misc :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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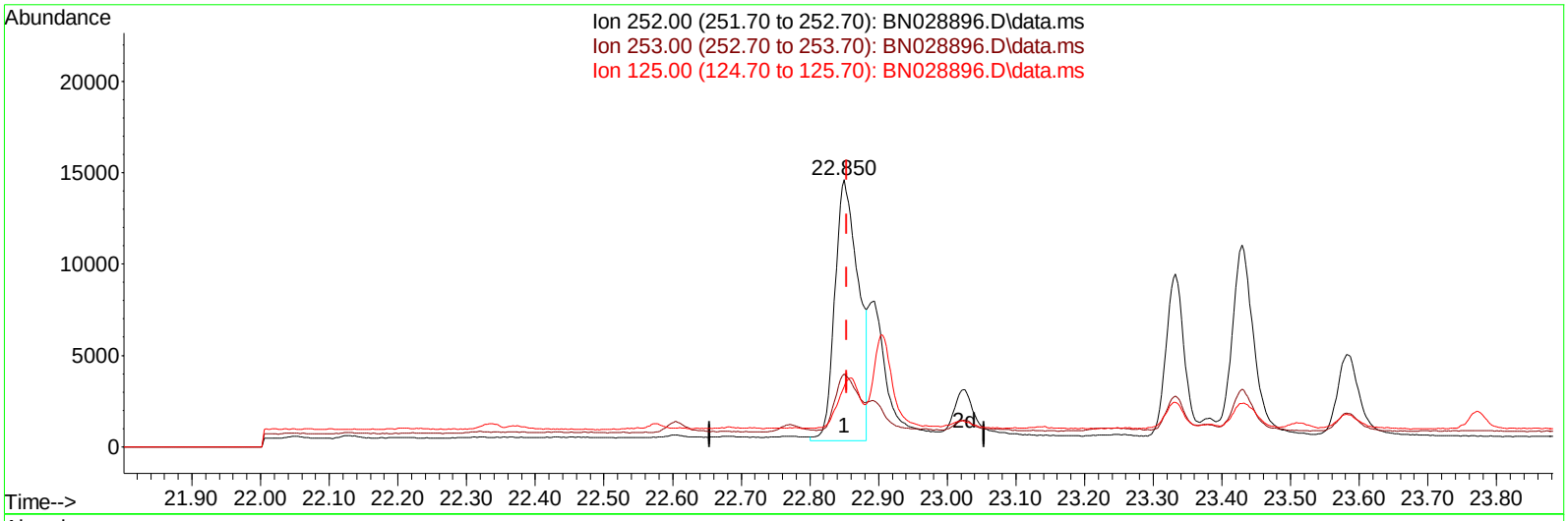

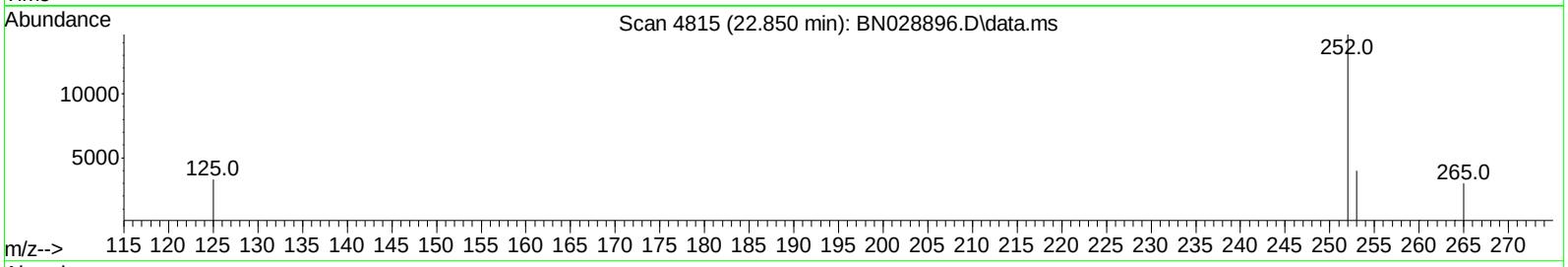

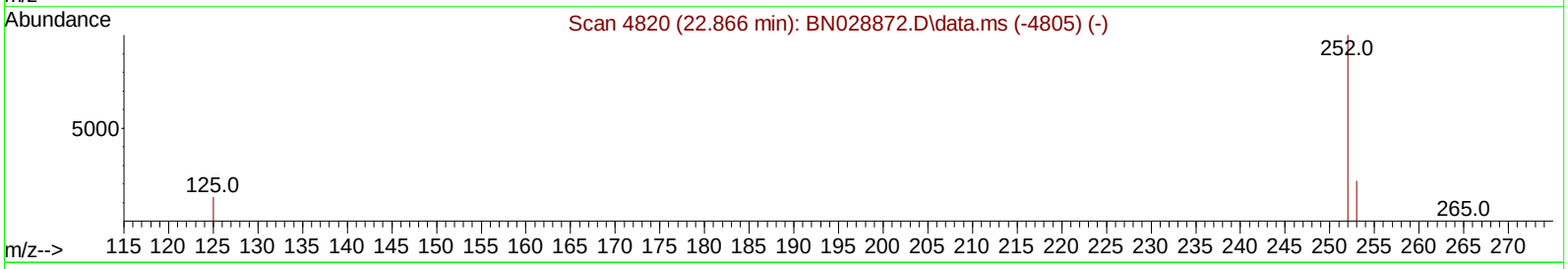

TIC: BN028896.D\data.ms

(24) Benzo(b)fluoranthene

22.850min (-0.004) 0.83 ng/ul m

response 34058

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	27.25
125.00	13.80	22.53
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 28 Nov 2023 01:33
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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BNA_N
ClientSampleId :
C0AG6

Manual IntegrationsAPPROVED

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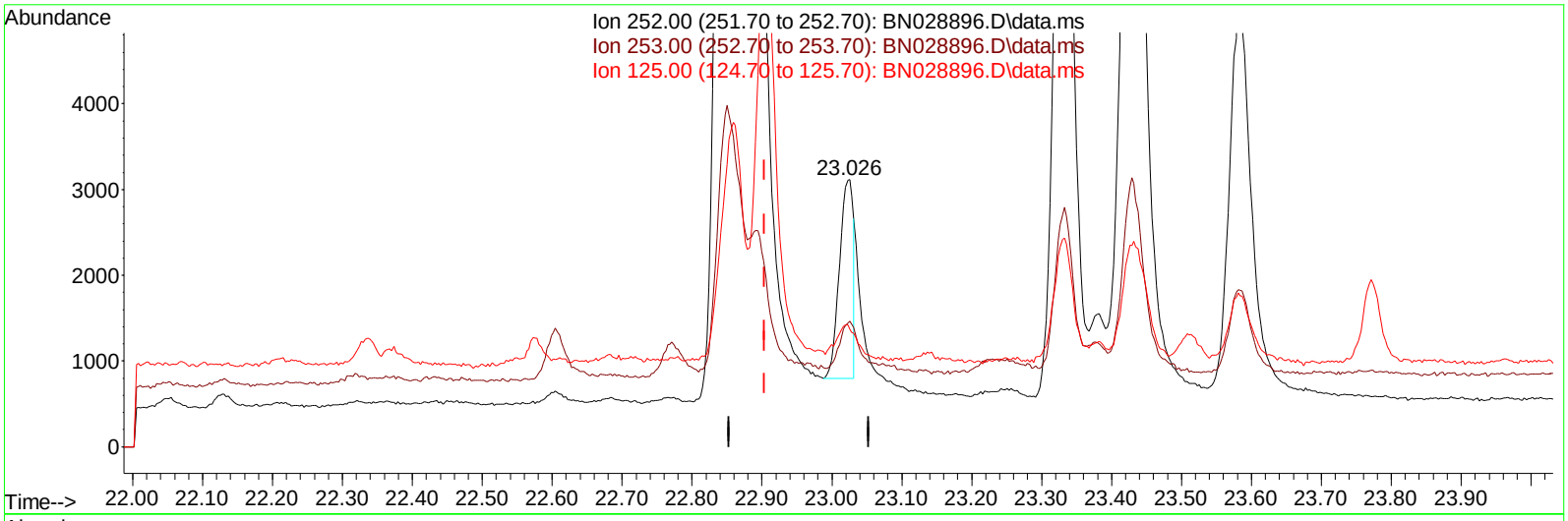

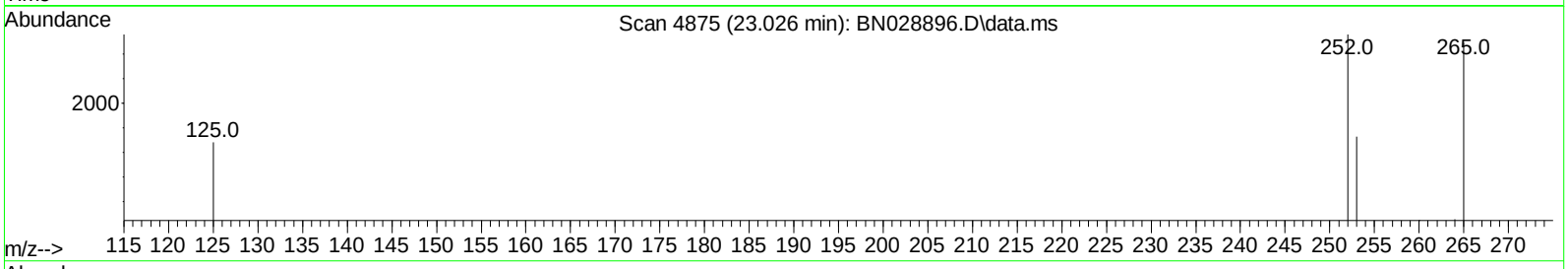

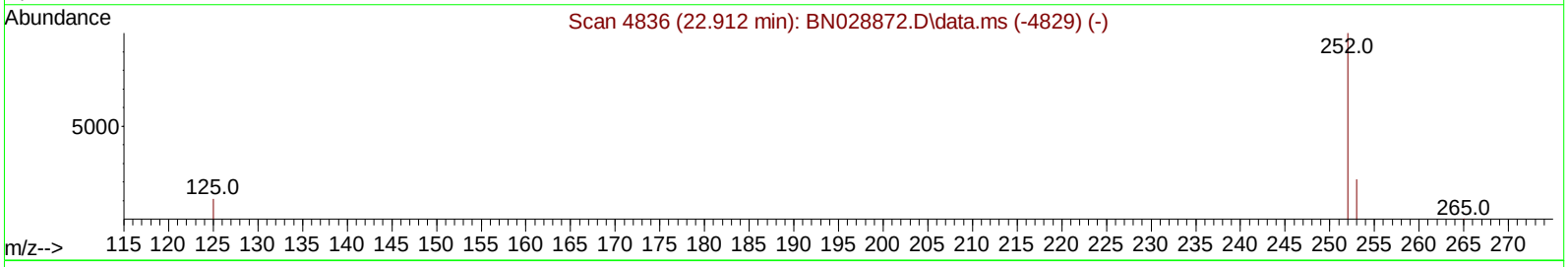

TIC: BN028896.D\data.ms

(25) Benzo(k)fluoranthene

23.026min (+ 0.122) 0.07 ng/ul

response 3205

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	46.96#
125.00	15.90	43.88#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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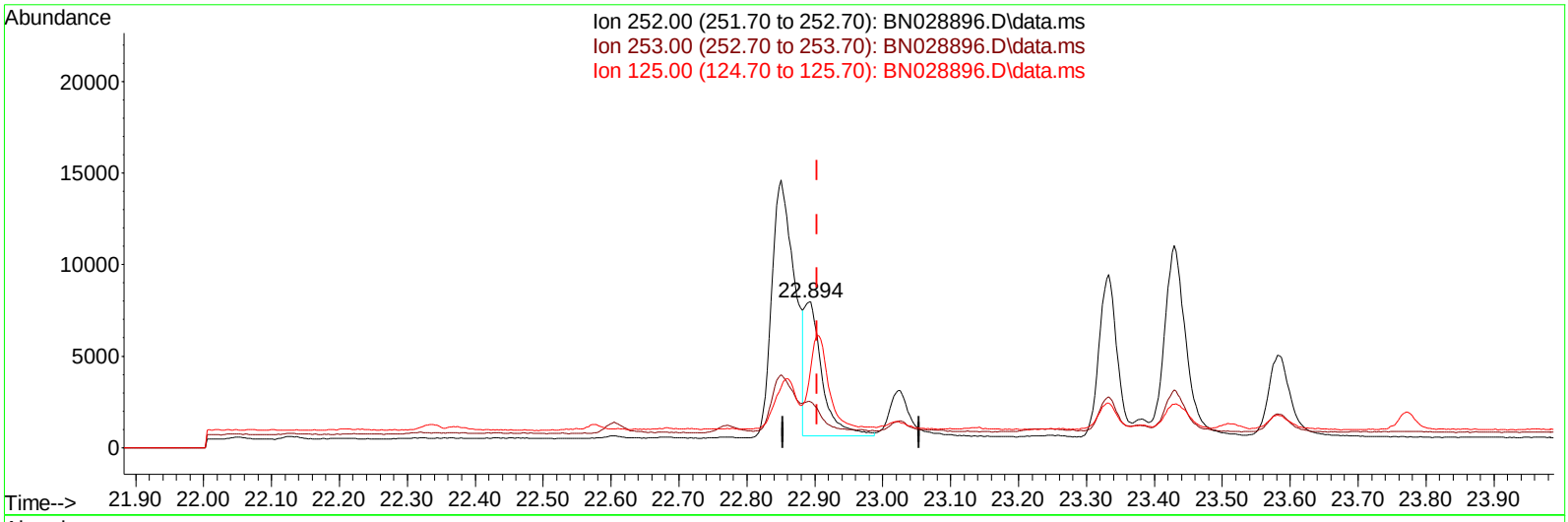

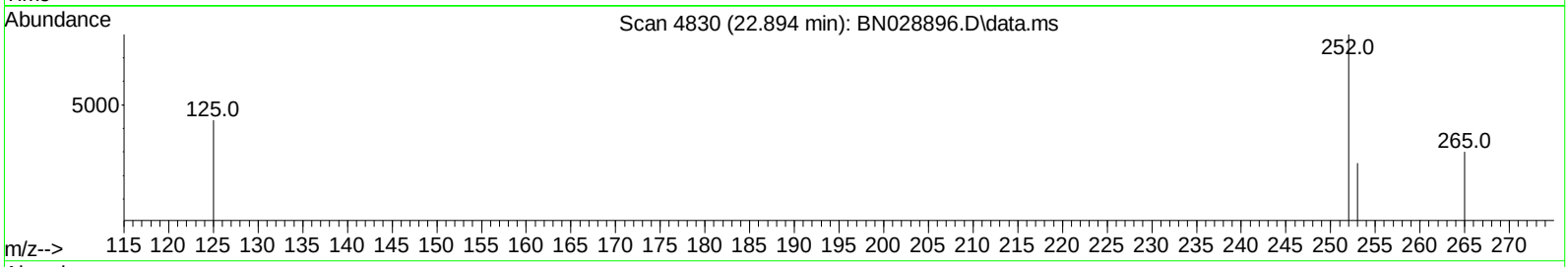

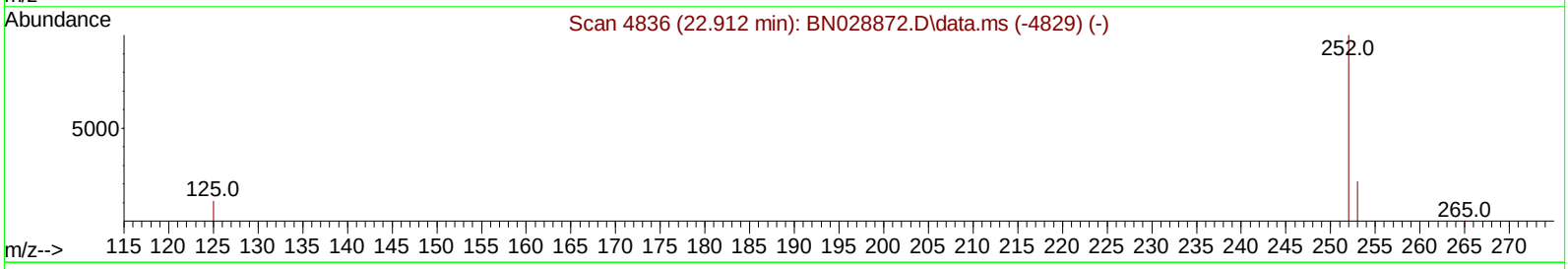

TIC: BN028896.D\data.ms

(25) Benzo(k)fluoranthene

22.894min (-0.010) 0.31 ng/ul m

response 13102

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	31.57#
125.00	15.90	54.33#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BN028896.D
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Operator : MA/JU
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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	7.660	152	4583m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.429	136	15110	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	7422	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.047	188	12071	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.260	240	9423	0.400	ng/ul	# 0.00
23) Perylene-d12	23.531	264	10912	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	14992	2.960	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.046	152	2370	0.104	ng/ul	-0.03
18) Fluoranthene-d10	19.085	212	4687	0.155	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.479	128	5743	0.136	ng/ul#	89
7) 2-Methylnaphthalene	12.118	142	3691	0.132	ng/ul	97
8) 1-Methylnaphthalene	12.327	142	3103	0.110	ng/ul	100
10) Acenaphthylene	14.006	152	3671	0.099	ng/ul#	88
11) Acenaphthene	14.353	153	1173	0.043	ng/ul	93
12) Fluorene	15.348	166	2395	0.076	ng/ul#	96
15) Phenanthrene	17.085	178	28433	0.767	ng/ul	99
16) Anthracene	17.178	178	10350	0.304	ng/ul	94
19) Fluoranthene	19.113	202	66226	1.652	ng/ul	100
20) Pyrene	19.475	202	56666	1.364	ng/ul	96
21) Benzo(a)anthracene	21.246	228	29996	0.805	ng/ul	95
22) Chrysene	21.298	228	22880	0.628	ng/ul	96
24) Benzo(b)fluoranthene	22.850	252	34058m	0.832	ng/ul	
25) Benzo(k)fluoranthene	22.894	252	13102m	0.306	ng/ul	
26) Benzo(a)pyrene	23.429	252	22464	0.581	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.860	276	15054	0.351	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.873	278	3496	0.102	ng/ul#	52
29) Benzo(g,h,i)perylene	26.568	276	14041	0.399	ng/ul	94

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

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