Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM

Quant Time: Jun 25 01:51:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4943	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	18550	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	9247	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	17780m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	9871m	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	9616m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	7234	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	13599m	0.28	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.08	178	2436m	0.043	ng/ul	
15) Fluoranthene	19.11	202	4293m	0.068	ng/ul	
17) Pyrene	19.48	202	3723	0.072	ng/ul#	90
18) Benzo(a)anthracene	21.25	228	1630	0.037	ng/ul#	81
19) Chrysene	21.30	228	1457	0.036	ng/ul#	82
21) Benzo(b)fluoranthene	22.84	252	2368	0.059	ng/ul#	37
23) Benzo(a)pyrene	23.41	252	1220m	0.033	ng/ul	

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

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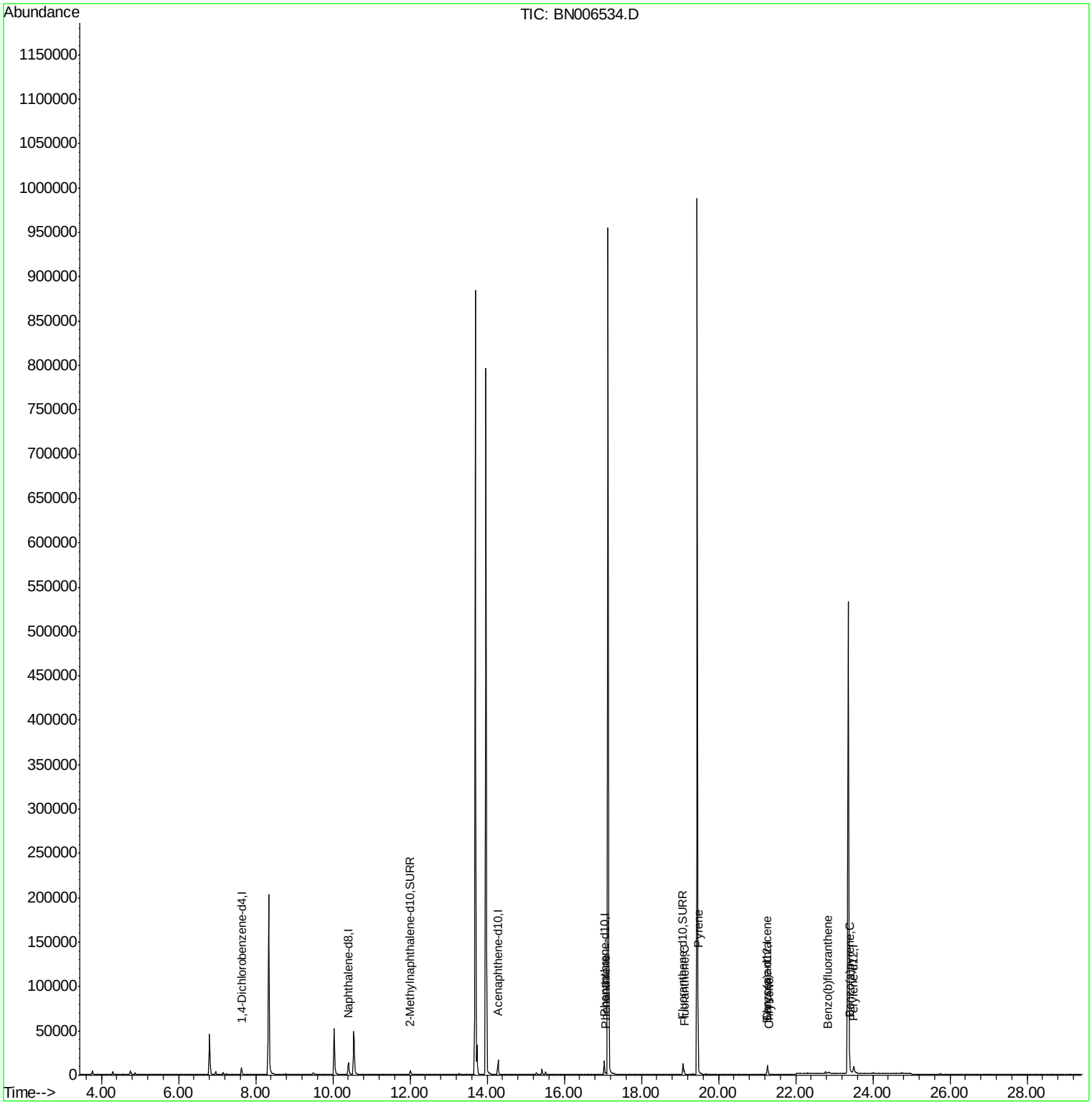

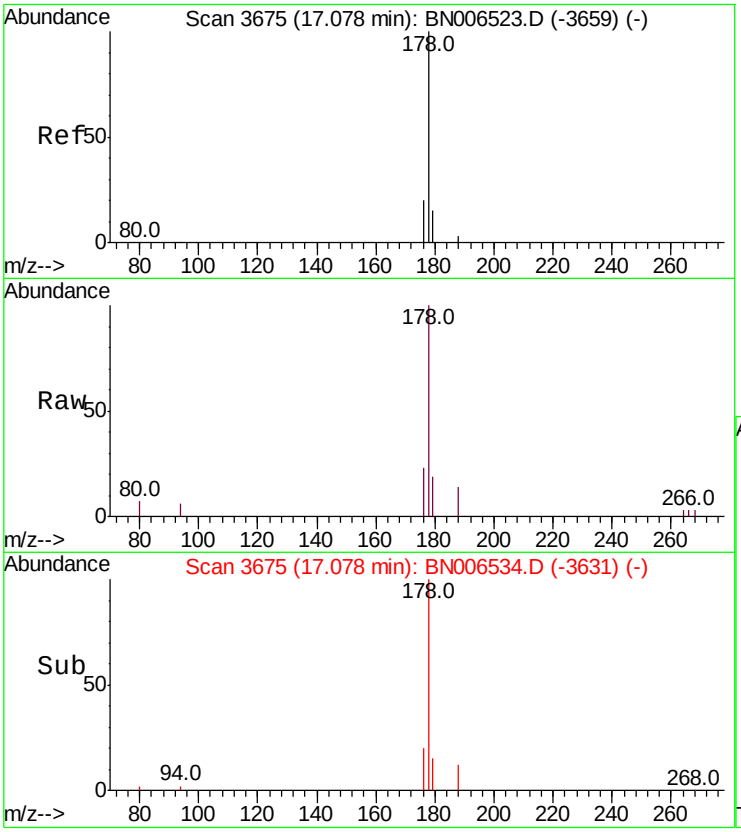

#12
Phenanthrene
Concen: 0.043 ng/ul m
RT: 17.08 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BN006534.D
Acq: 24 Jun 2019 17:02

Tgt Ion:178 Resp: 2436

Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.3	18.5#
176	23.3	15.3	22.9#

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
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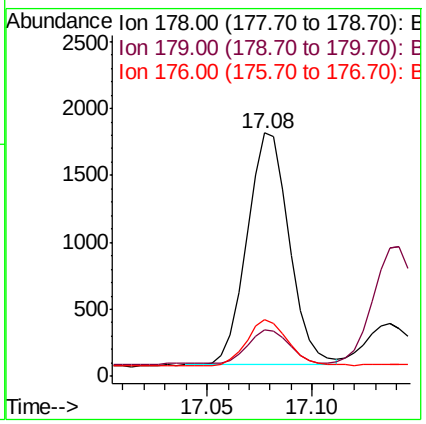
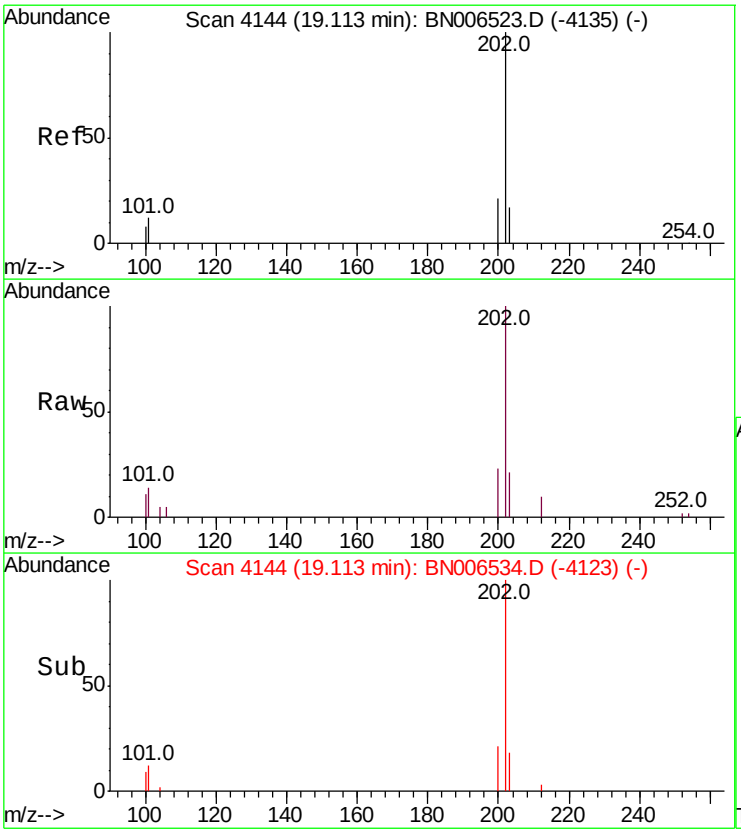
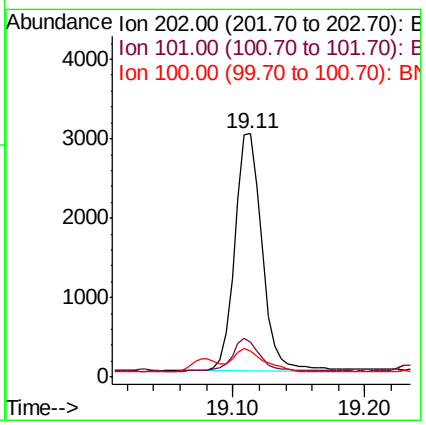


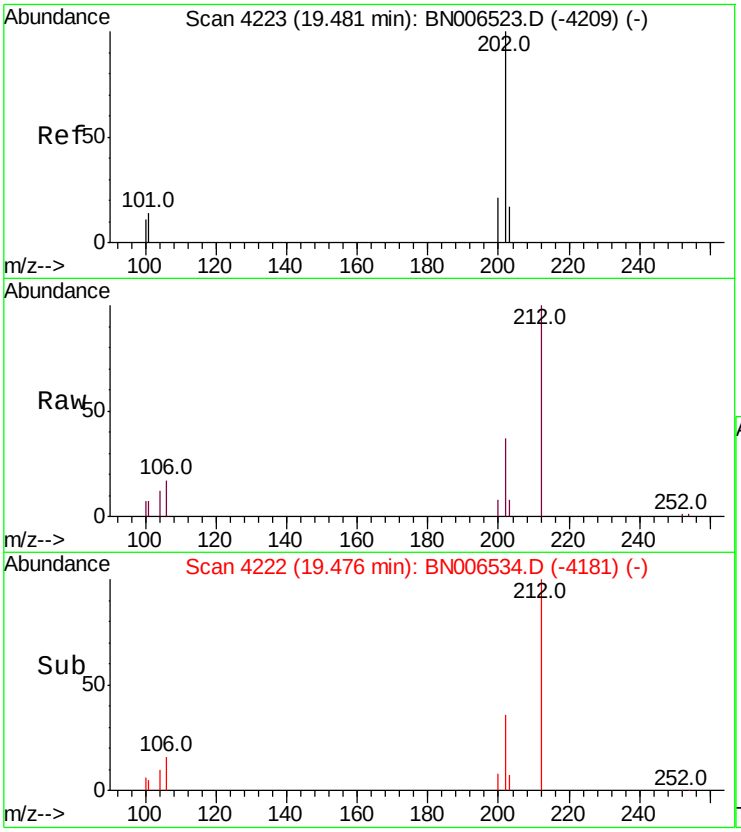


#15
Fluoranthene
Concen: 0.068 ng/ul m
RT: 19.11 min Scan# 4144
Delta R.T. -0.00 min
Lab File: BN006534.D
Acq: 24 Jun 2019 17:02

Tgt Ion:202 Resp: 4293

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	32.1
100	10.6	0.0	28.7





#17
Pyrene
Concen: 0.072 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.01 min
Lab File: BN006534.D
Acq: 24 Jun 2019 17:02

Tgt Ion:202 Resp: 3723

Ion	Ratio	Lower	Upper
202	100		
101	17.8	12.2	18.2
100	17.7	9.8	14.6#

Instrument :
BNA_N
ClientSampleId :
A41X9

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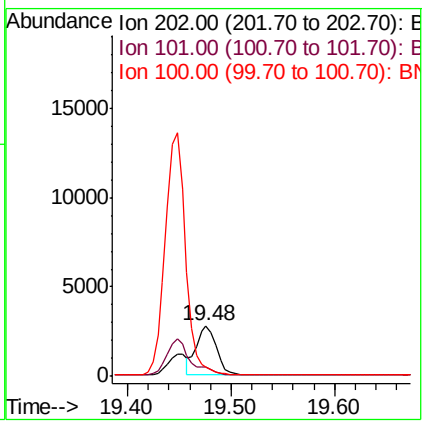
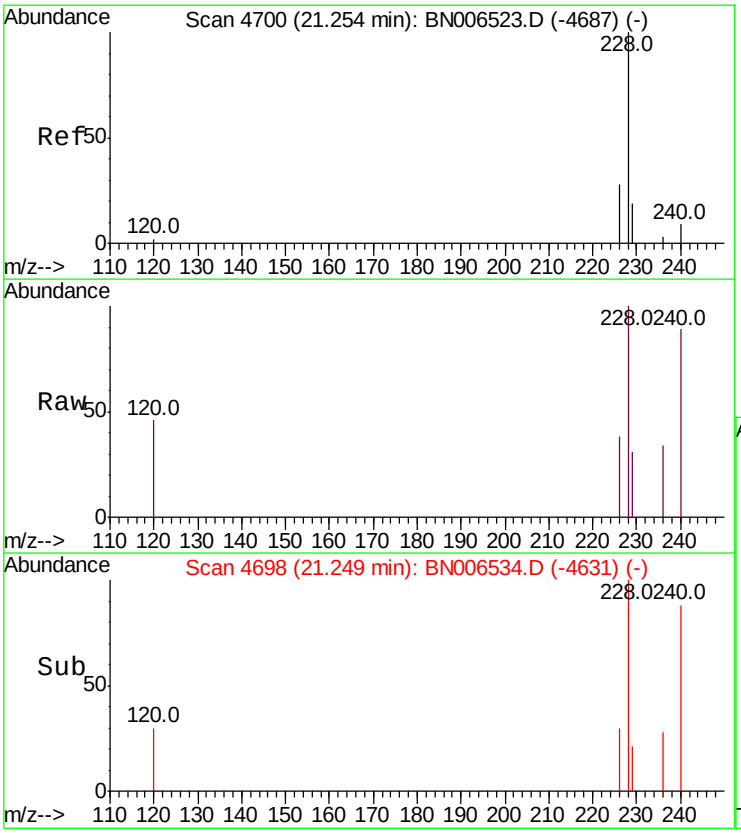
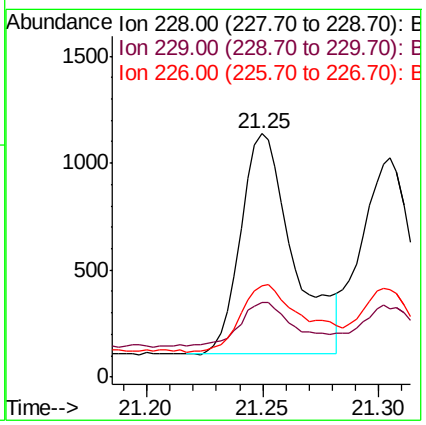


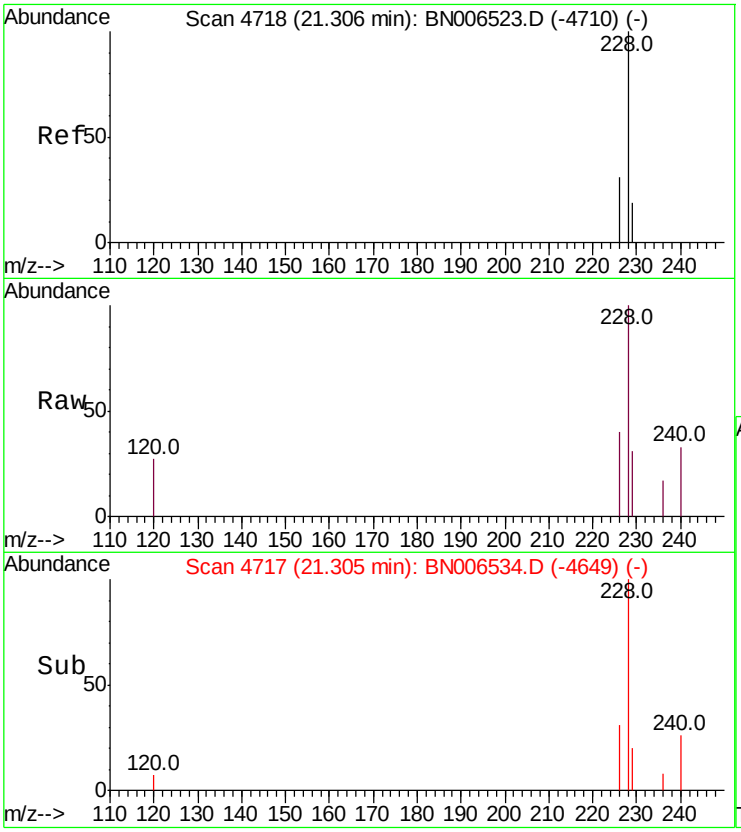


#18
Benzo(a)anthracene
Concen: 0.037 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN006534.D
Acq: 24 Jun 2019 17:02

Tgt Ion:228 Resp: 1630

Ion	Ratio	Lower	Upper
228	100		
229	30.6	16.5	24.7#
226	37.5	22.8	34.2#





#19
Chrysene
Concen: 0.036 ng/ul
RT: 21.30 min Scan# 4717
Delta R.T. -0.00 min
Lab File: BN006534.D
Acq: 24 Jun 2019 17:02

Tgt Ion:228 Resp: 1457

Ion	Ratio	Lower	Upper
228	100		
226	39.5	25.0	37.6#
229	31.2	16.3	24.5#

Instrument :
BNA_N
ClientSampleId :
A41X9

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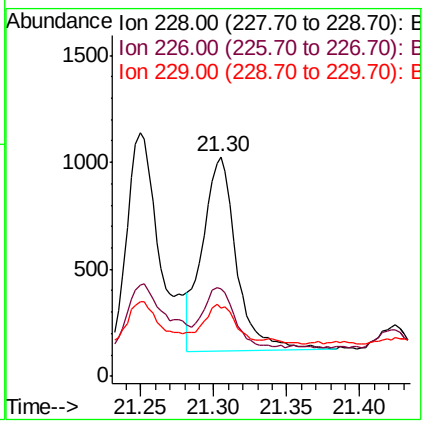
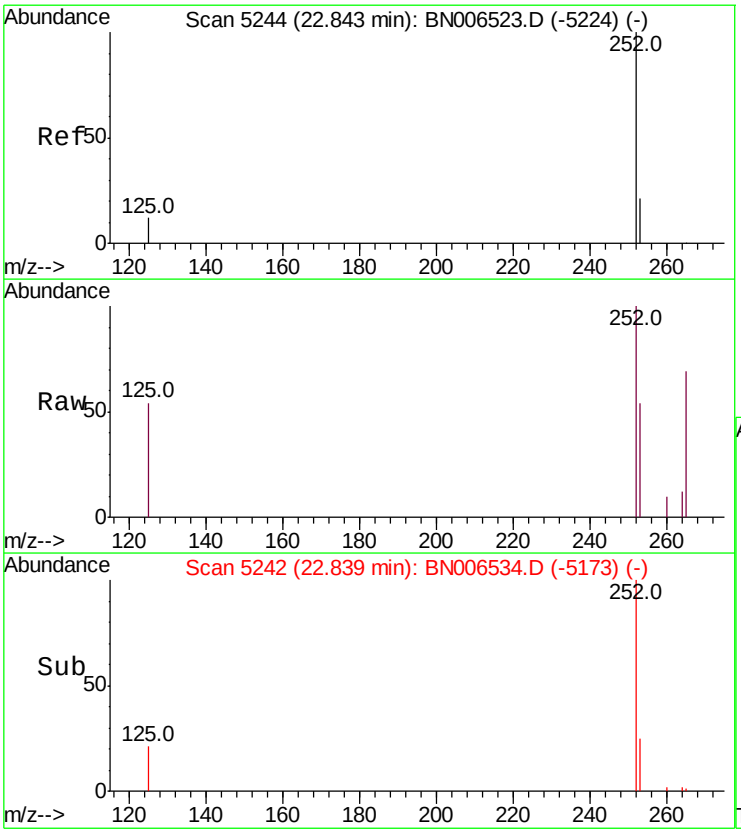
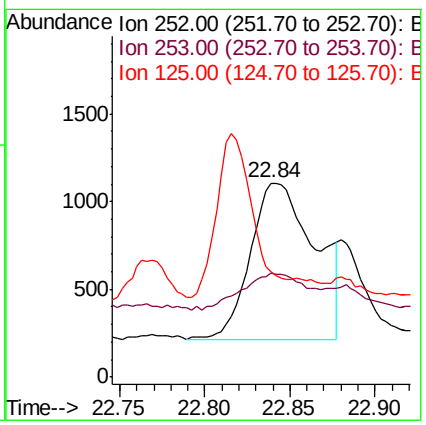


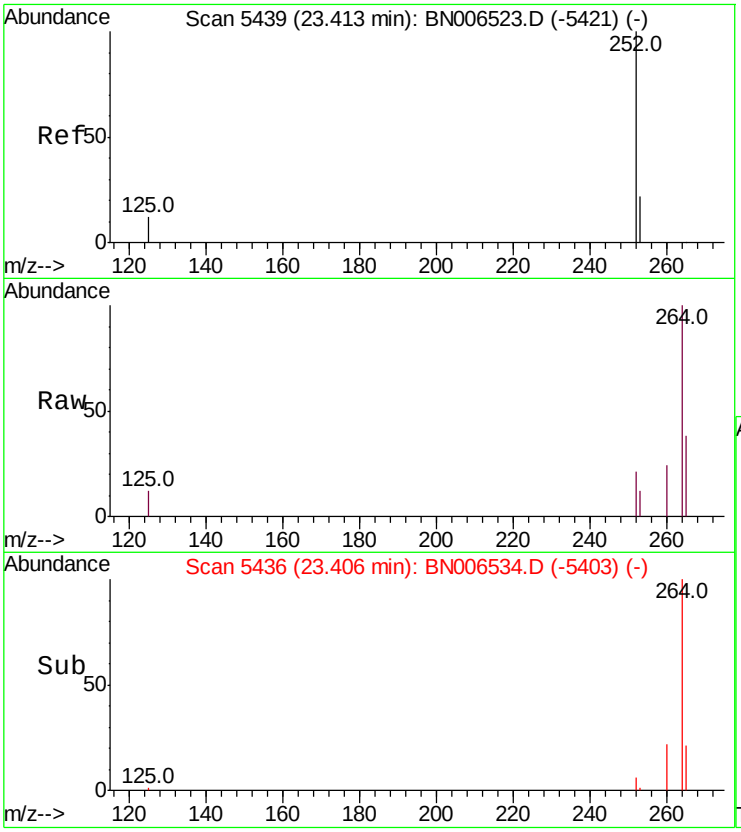


#21
Benzo(b)fluoranthene
Concen: 0.059 ng/ul
RT: 22.84 min Scan# 5242
Delta R.T. 0.00 min
Lab File: BN006534.D
Acq: 24 Jun 2019 17:02

Tgt Ion:252 Resp: 2368

Ion	Ratio	Lower	Upper
252	100		
253	53.9	0.0	51.4#
125	54.4	0.0	41.0#

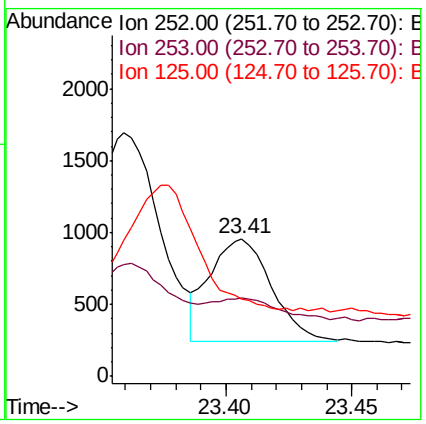




#23
Benzo(a)pyrene
Concen: 0.033 ng/ul m
RT: 23.41 min Scan# 5436
Delta R.T. -0.00 min
Lab File: BN006534.D
Acq: 24 Jun 2019 17:02

Tgt Ion:252 Resp: 1220

Ion	Ratio	Lower	Upper
252	100		
253	57.4	21.1	31.7#
125	56.5	20.3	30.5#



Instrument :
BNA_N
ClientSampleId :
A41X9

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