Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101819\
Data File : BN008257.D
Acq On : 18 Oct 2019 20:58
Operator : JU
Sample : K5177-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPG7

Manual Integrations APPROVED
mohammad
10/22/2019 1:41:01 AM

Quant Time: Oct 19 00:28:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 23:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2250	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	10663	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	6501	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	13909m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13463	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	12818	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	5139	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	14010	0.29	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.94	152	668	0.022	ng/ul#	69
12) Phenanthrene	17.02	178	4448	0.109	ng/ul	97
13) Anthracene	17.11	178	795	0.022	ng/ul#	76
15) Fluoranthene	19.04	202	9130	0.170	ng/ul	95
17) Pyrene	19.41	202	8100m	0.151	ng/ul	
18) Benzo(a)anthracene	21.17	228	4753	0.097	ng/ul	94
19) Chrysene	21.22	228	5062	0.084	ng/ul	95
21) Benzo(b)fluoranthene	22.71	252	6118m	0.147	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	2325m	0.049	ng/ul	
23) Benzo(a)pyrene	23.26	252	4123	0.094	ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	25.51	276	2428	0.047	ng/ul	92
26) Benzo(g,h,i)perylene	26.17	276	2295	0.048	ng/ul#	77

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

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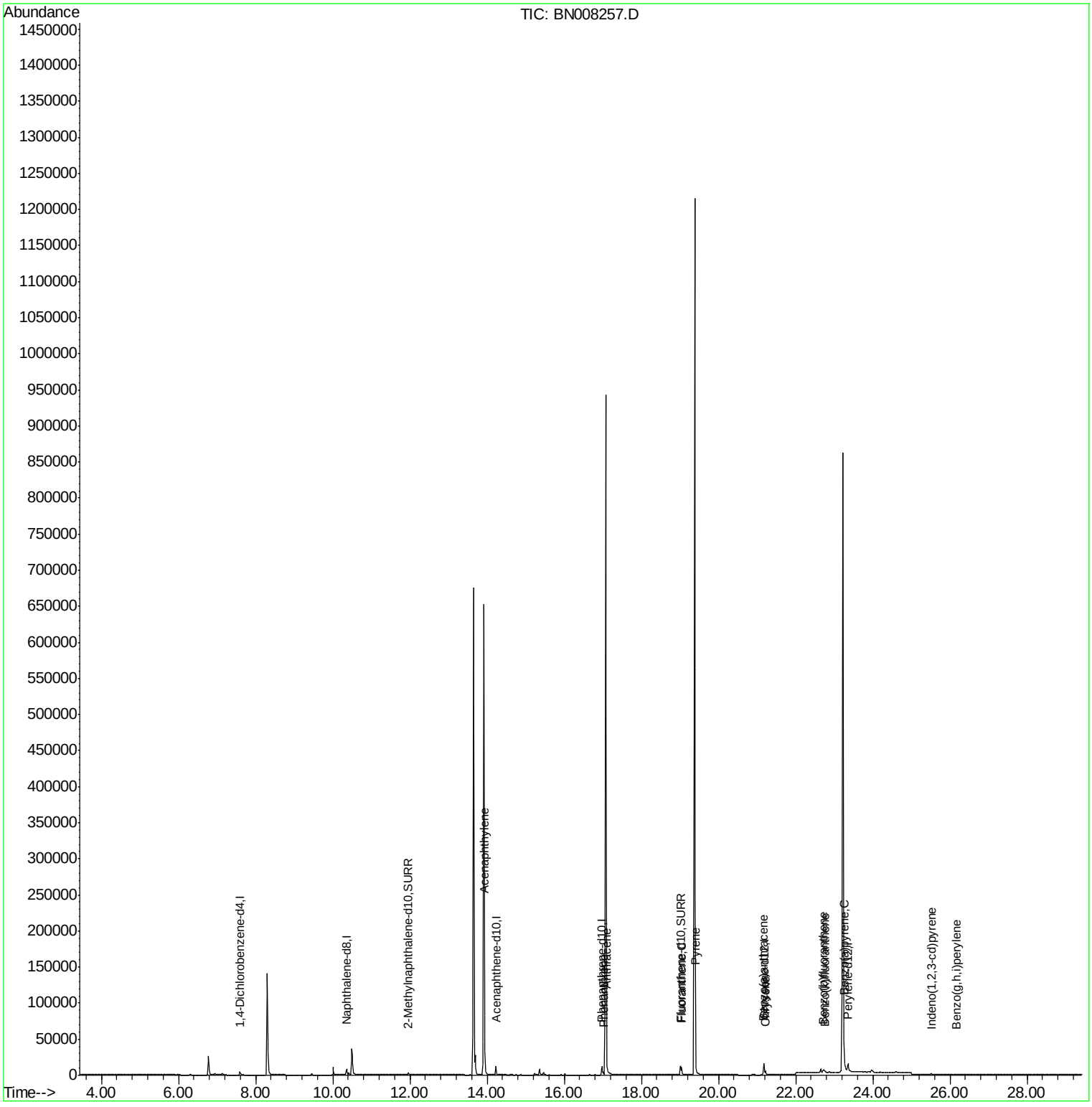

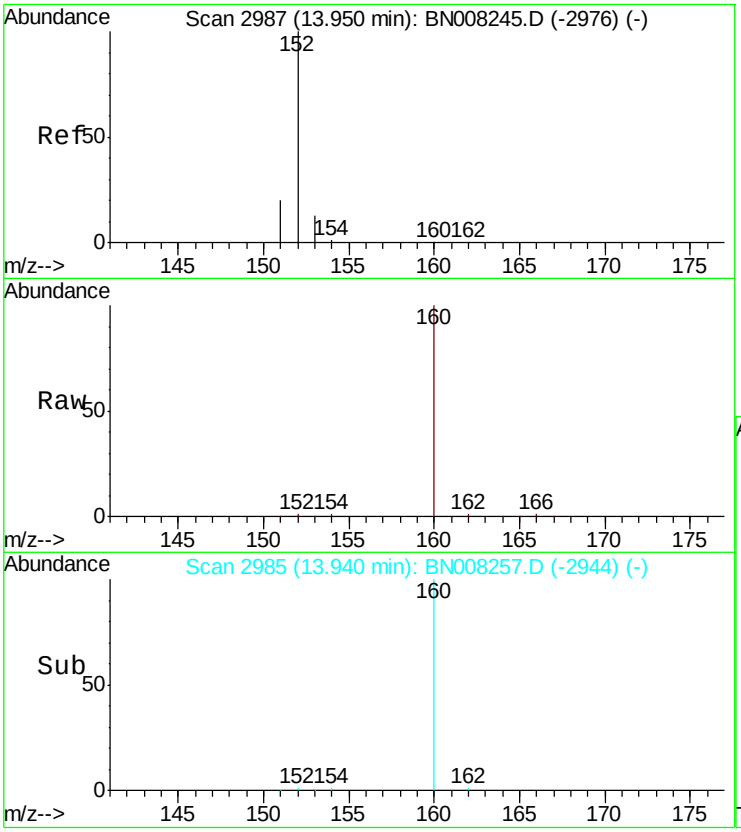

#7
Acenaphthylene
Concen: 0.022 ng/ul
RT: 13.94 min Scan# 2985
Delta R.T. -0.01 min
Lab File: BN008257.D
Acq: 18 Oct 2019 20:58

Tgt Ion:152 Resp: 668

Ion	Ratio	Lower	Upper
152	100		
151	29.9	16.2	24.4#
153	31.9	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
BEPG7

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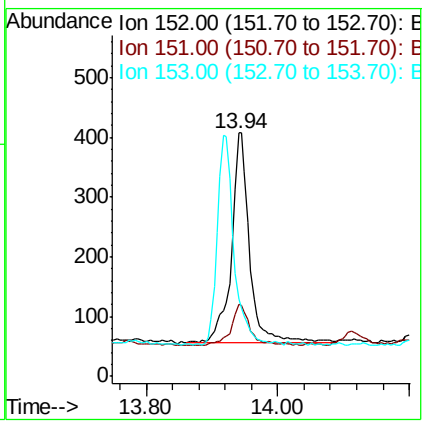
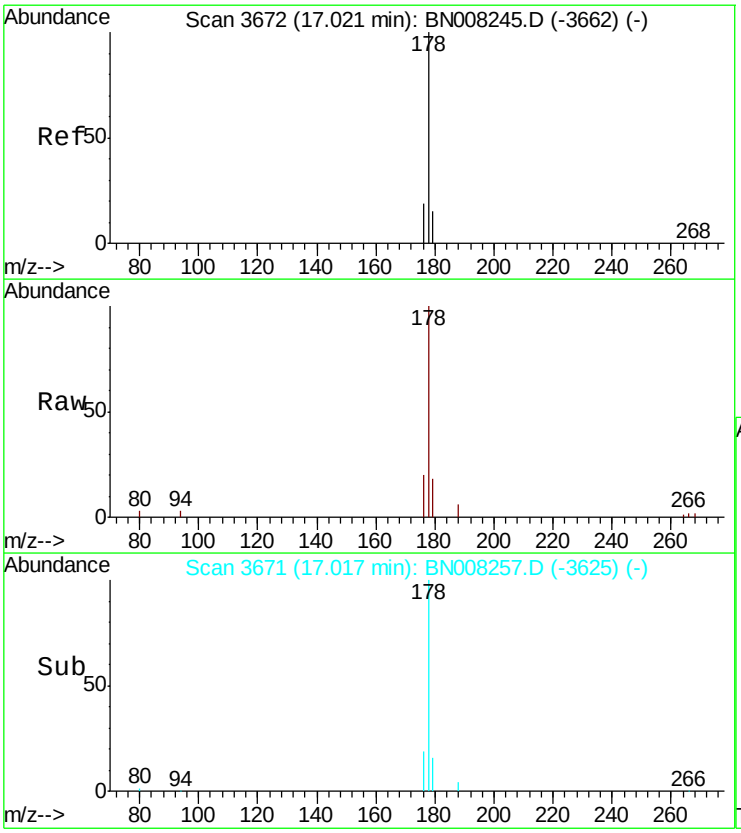
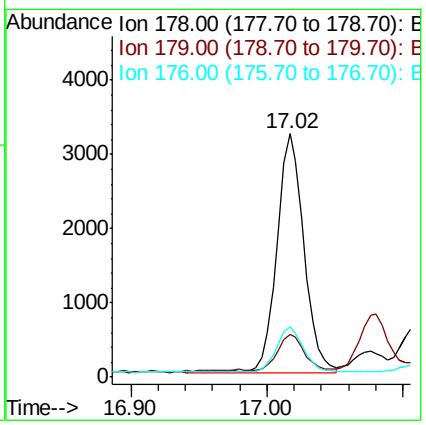


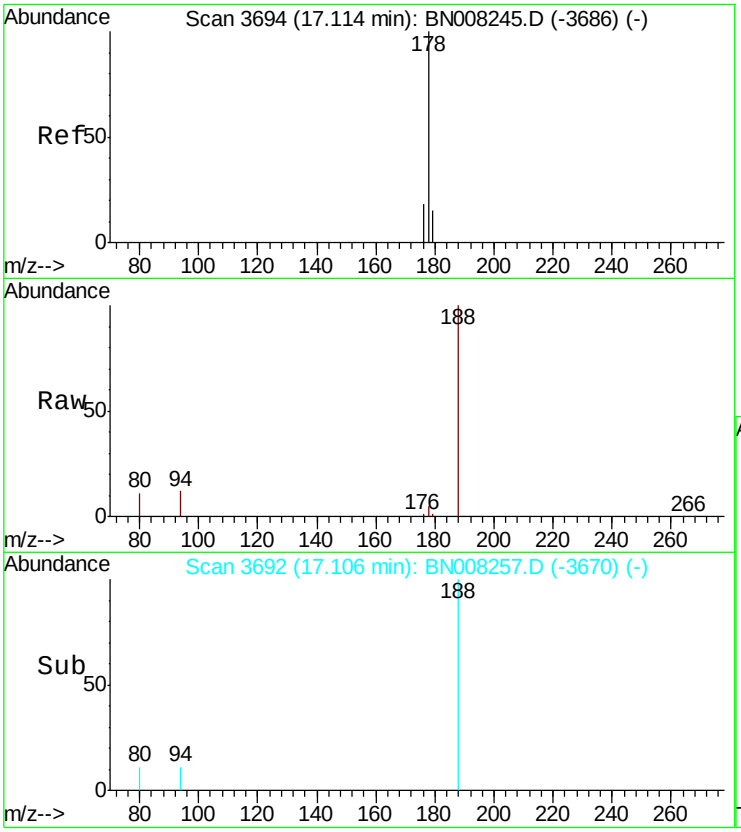


#12
Phenanthrene
Concen: 0.109 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BN008257.D
Acq: 18 Oct 2019 20:58

Tgt Ion:178 Resp: 4448

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.8	19.2
176	20.5	15.4	23.2





#13
Anthracene
Concen: 0.022 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BN008257.D
Acq: 18 Oct 2019 20:58

Instrument :
BNA_N
ClientSampleId :
BEPG7

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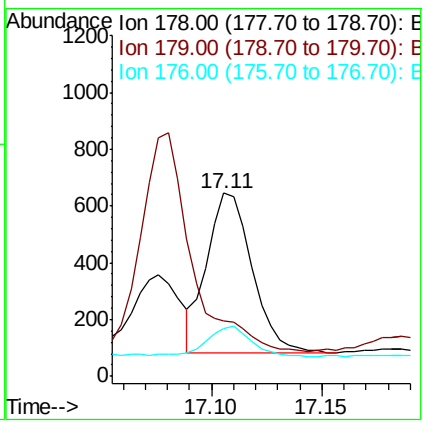
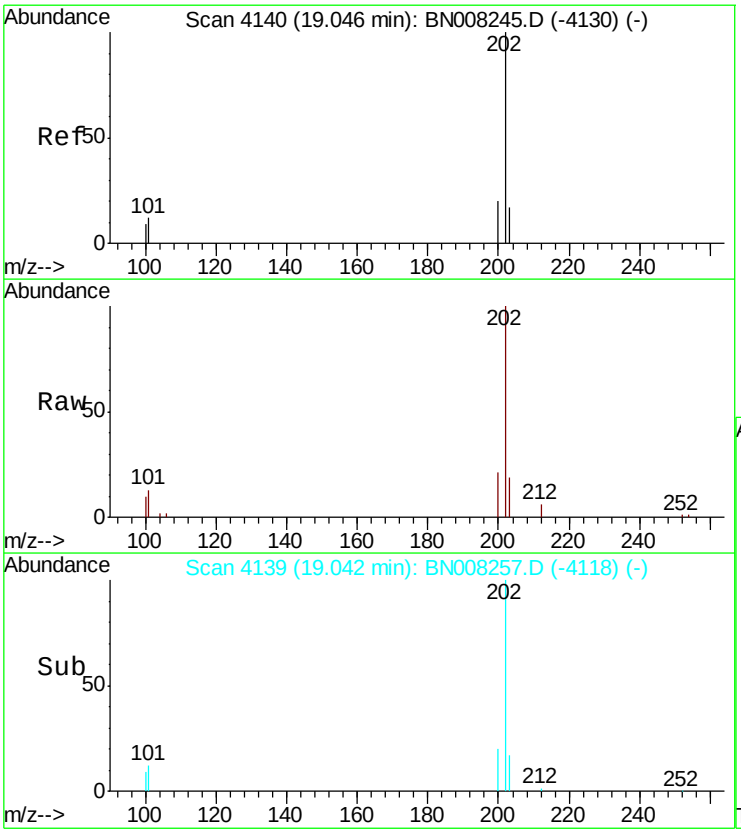
Tgt Ion:178 Resp: 795

Ion	Ratio	Lower	Upper
178	100		
179	29.9	13.0	19.6#
176	26.2	15.0	22.6#

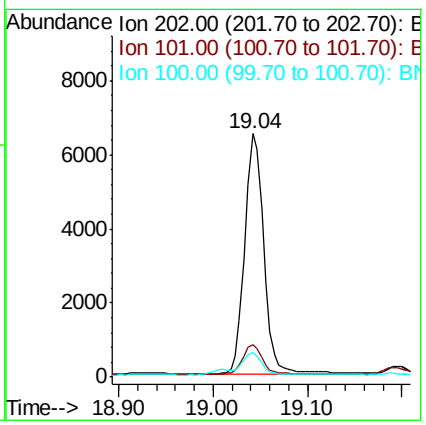


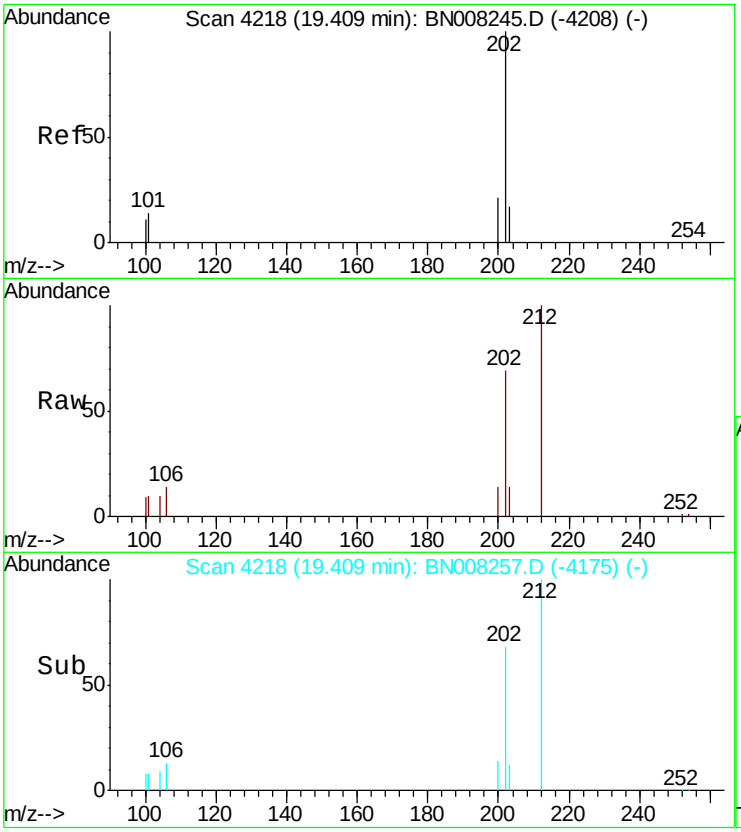


#15
Fluoranthene
Concen: 0.170 ng/ul
RT: 19.04 min Scan# 4139
Delta R.T. -0.00 min
Lab File: BN008257.D
Acq: 18 Oct 2019 20:58

Tgt Ion:202 Resp: 9130

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.2
100	10.0	0.0	28.5

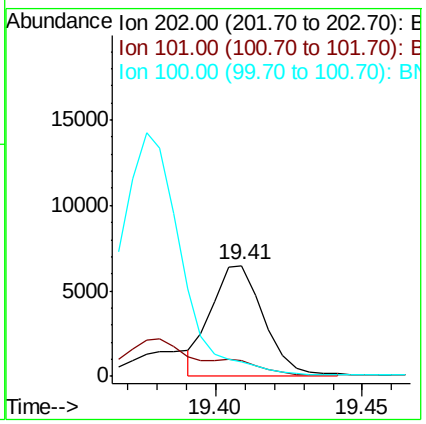




#17
Pyrene
Concen: 0.151 ng/ul m
RT: 19.41 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BN008257.D
Acq: 18 Oct 2019 20:58

Tgt Ion:202 Resp: 8100

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.9	16.3
100	12.8	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
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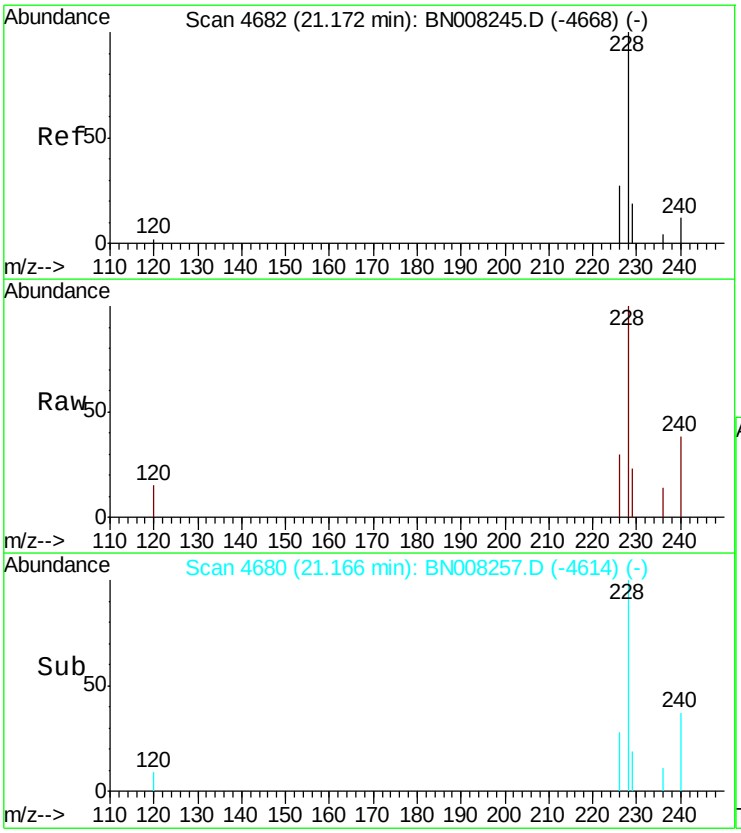
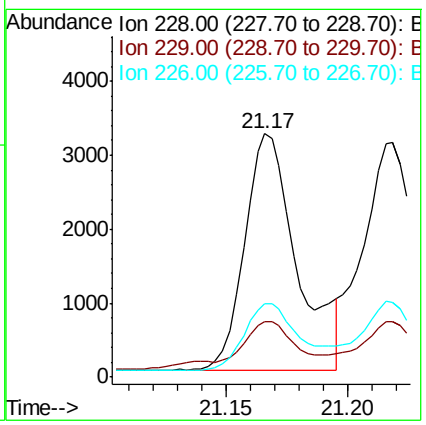
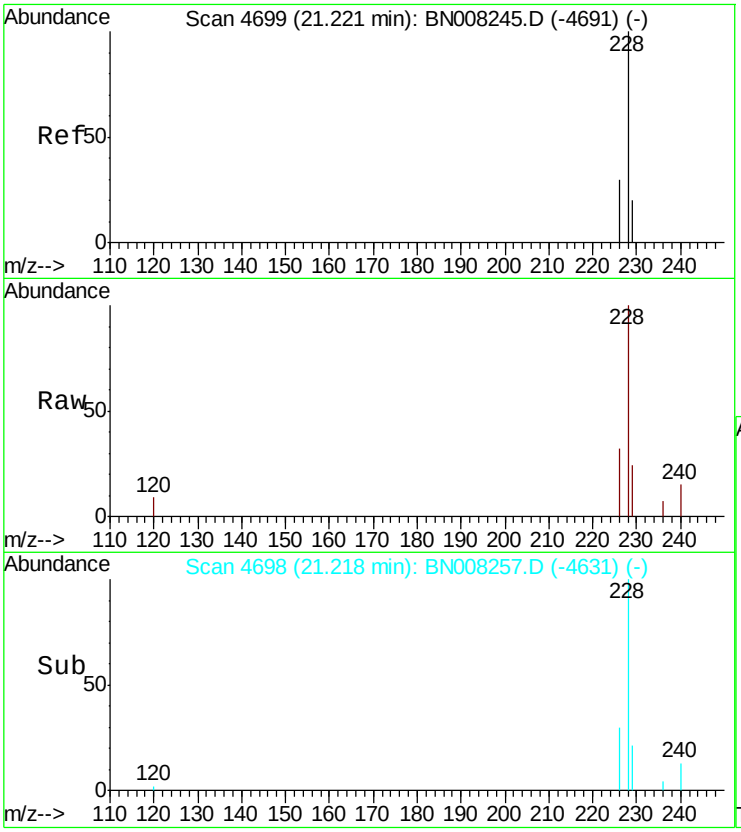


#18
Benzo(a)anthracene
Concen: 0.097 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.01 min
Lab File: BN008257.D
Acq: 18 Oct 2019 20:58

Tgt Ion:228 Resp: 4753

Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.2	24.2
226	30.2	21.4	32.0





#19
Chrysene
Concen: 0.084 ng/ul
RT: 21.22 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN008257.D
Acq: 18 Oct 2019 20:58

Tgt Ion:228 Resp: 5062

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.1	36.1
229	23.6	16.2	24.2

Instrument :
BNA_N
ClientSampleId :
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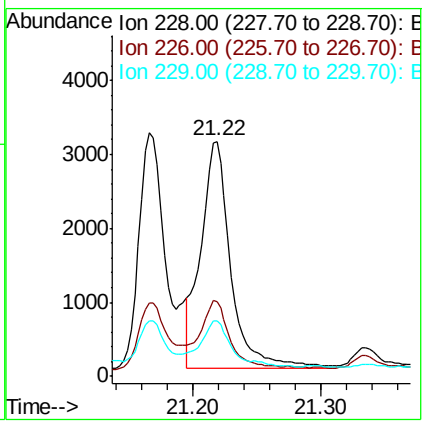
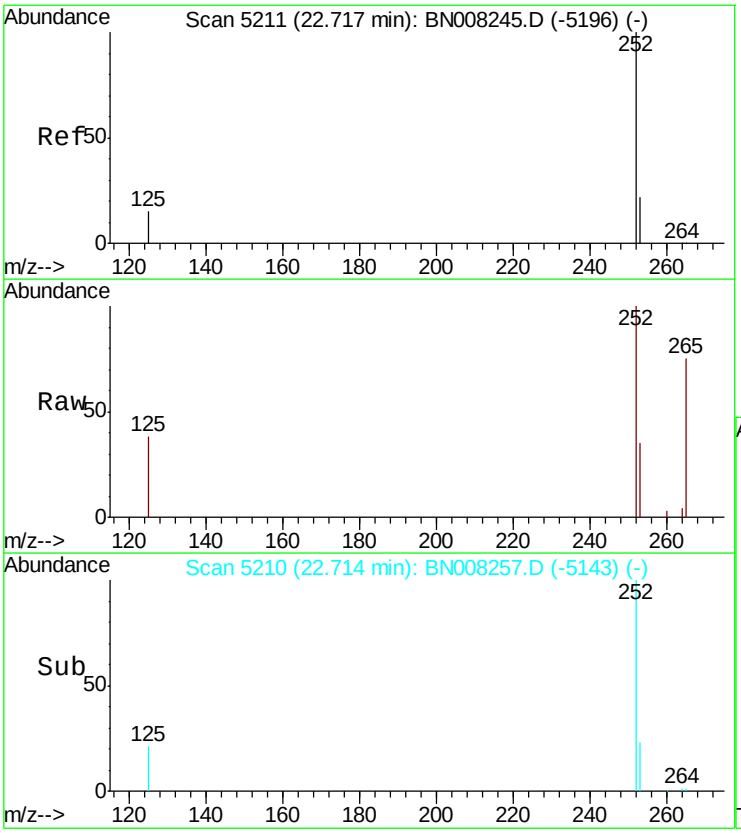
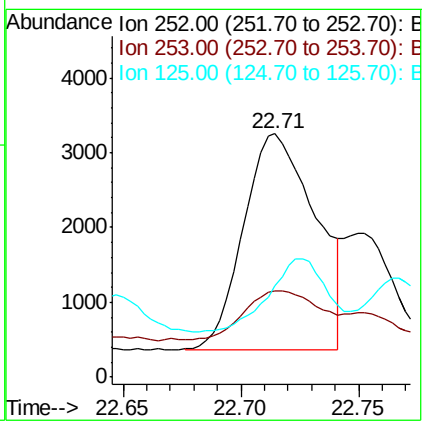


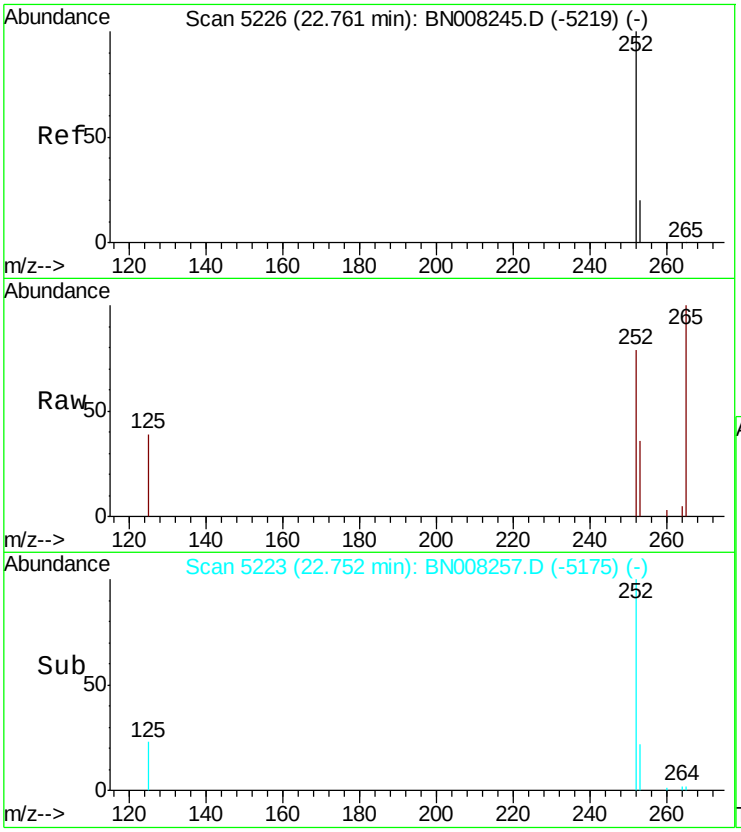


#21
Benzo(b)fluoranthene
Concen: 0.147 ng/ul m
RT: 22.71 min Scan# 5210
Delta R.T. -0.00 min
Lab File: BN008257.D
Acq: 18 Oct 2019 20:58

Tgt Ion:252 Resp: 6118

Ion	Ratio	Lower	Upper
252	100		
253	35.3	0.0	53.4
125	37.6	0.0	32.4#





#22
Benzo(k)fluoranthene
Concen: 0.049 ng/ul m
RT: 22.75 min Scan# 5223
Delta R.T. -0.01 min
Lab File: BN008257.D
Acq: 18 Oct 2019 20:58

Tgt Ion:252 Resp: 2325

Ion	Ratio	Lower	Upper
252	100		
253	44.9	21.3	31.9#
125	49.6	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
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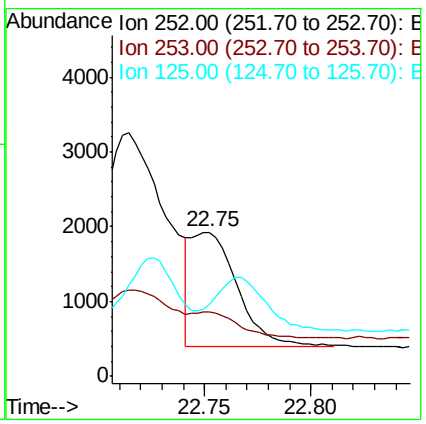
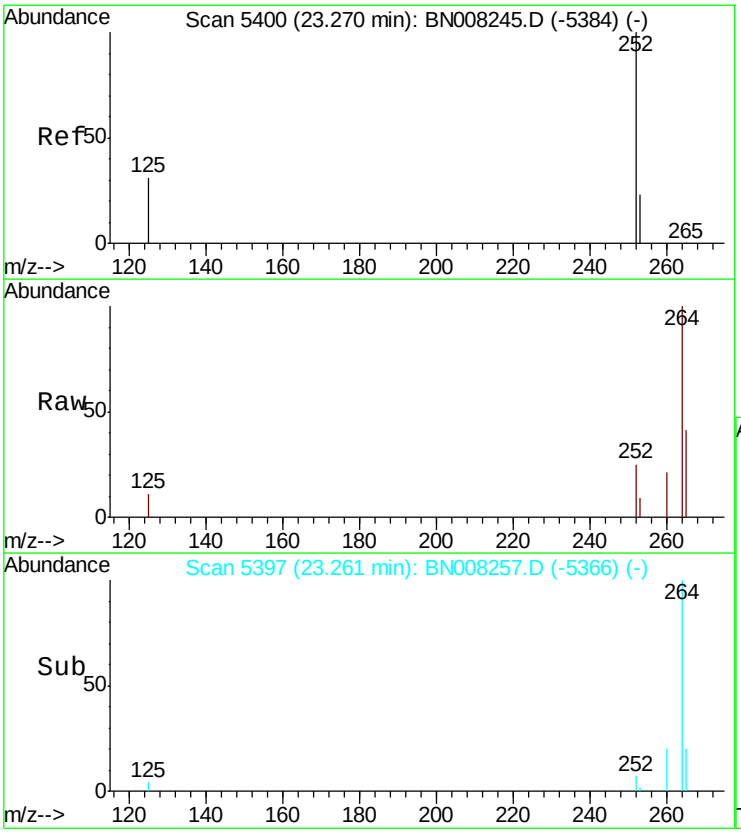
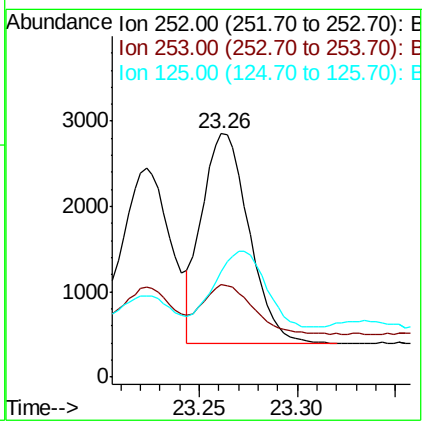


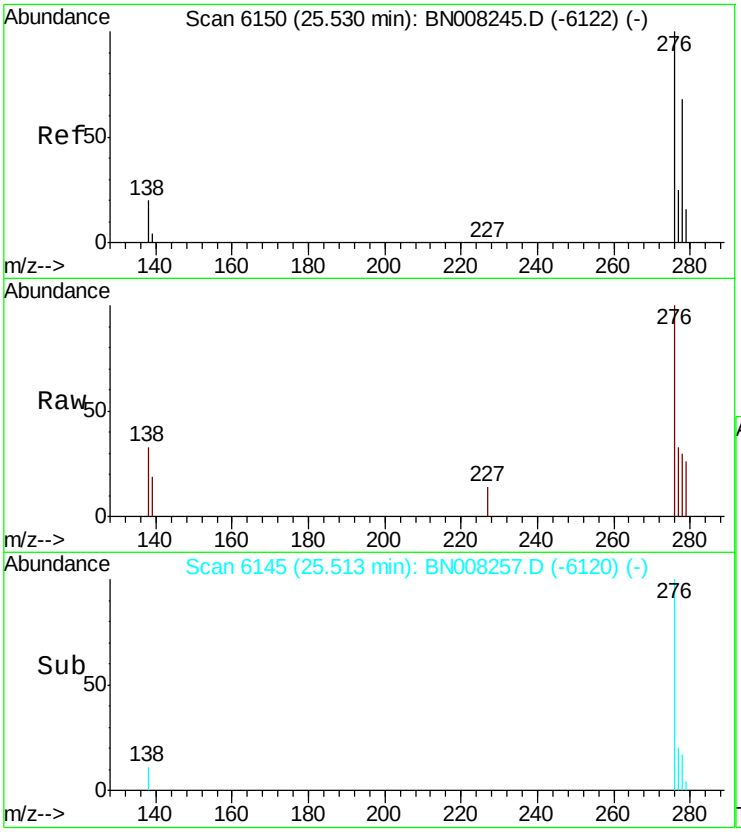


#23
Benzo(a)pyrene
Concen: 0.094 ng/ul
RT: 23.26 min Scan# 5397
Delta R.T. -0.01 min
Lab File: BN008257.D
Acq: 18 Oct 2019 20:58

Tgt Ion:252 Resp: 4123

Ion	Ratio	Lower	Upper
252	100		
253	37.8	22.8	34.2#
125	43.2	18.4	27.6#

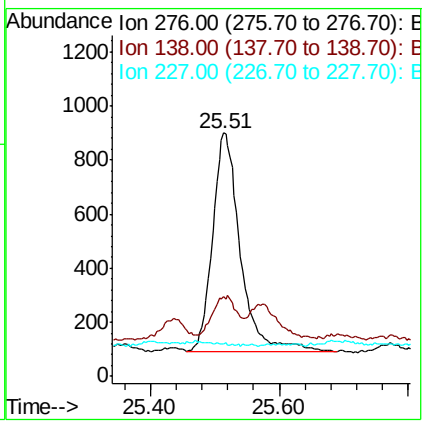




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.02 min
Lab File: BN008257.D
Acq: 18 Oct 2019 20:58

Tgt Ion:276 Resp: 2428

Ion	Ratio	Lower	Upper
276	100		
138	16.4	16.1	24.1
227	0.2	0.2	0.2



Instrument :
BNA_N
ClientSampleId :
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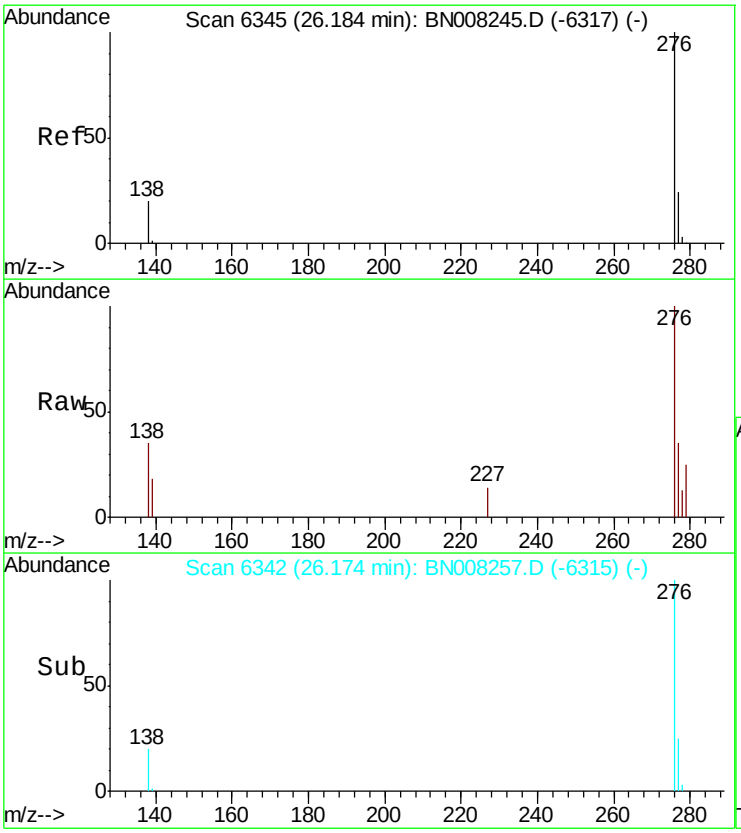

#26
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 26.17 min Scan# 6342
Delta R.T. -0.01 min
Lab File: BN008257.D
Acq: 18 Oct 2019 20:58

Tgt Ion:276 Resp: 2295

Ion	Ratio	Lower	Upper
276	100		
138	34.6	17.0	25.4#
277	35.1	20.4	30.6#