Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006356.D
Acq On : 17 Jun 2019 19:52
Operator : JU/SJ
Sample : K3332-23
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W4

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:29 AM

Quant Time: Jun 18 03:48:18 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	7.64	152	4651	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18352	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9801	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16660m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11318m	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	10370m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6582	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11695m	0.26	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.09	178	7067	0.132	ng/ul	97
13) Anthracene	17.18	178	1285m	0.025	ng/ul	
15) Fluoranthene	19.12	202	20005m	0.339	ng/ul	
17) Pyrene	19.49	202	16130m	0.271	ng/ul	
18) Benzo(a)anthracene	21.26	228	7523	0.150	ng/ul	98
19) Chrysene	21.31	228	7958	0.169	ng/ul	97
21) Benzo(b)fluoranthene	22.84	252	11479m	0.265	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	3568m	0.085	ng/ul	
23) Benzo(a)pyrene	23.41	252	7232m	0.180	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.75	276	4767m	0.109	ng/ul	
25) Dibenzo(a,h)anthracene	25.75	278	969m	0.028	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	3957m	0.108	ng/ul	

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

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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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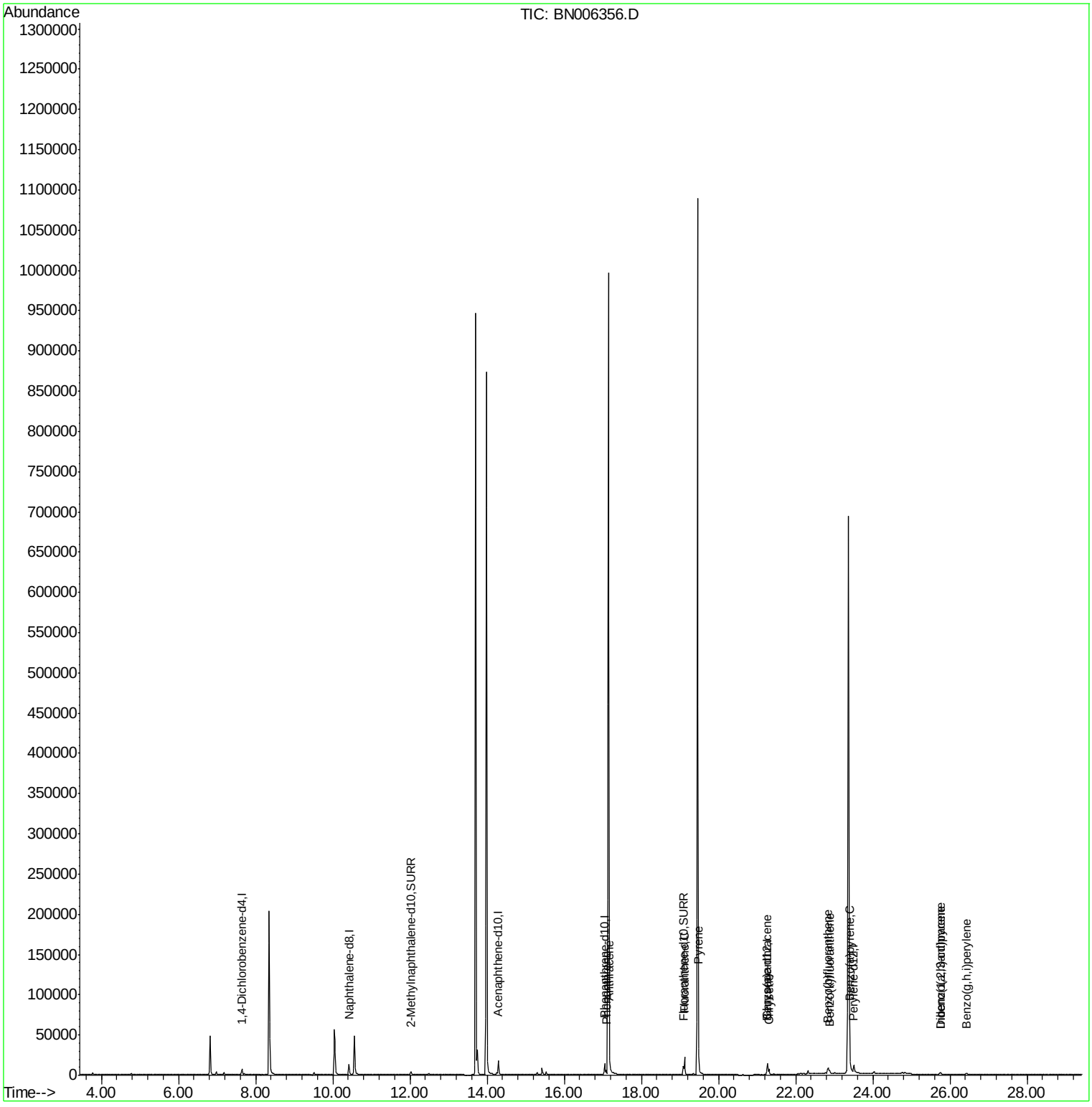
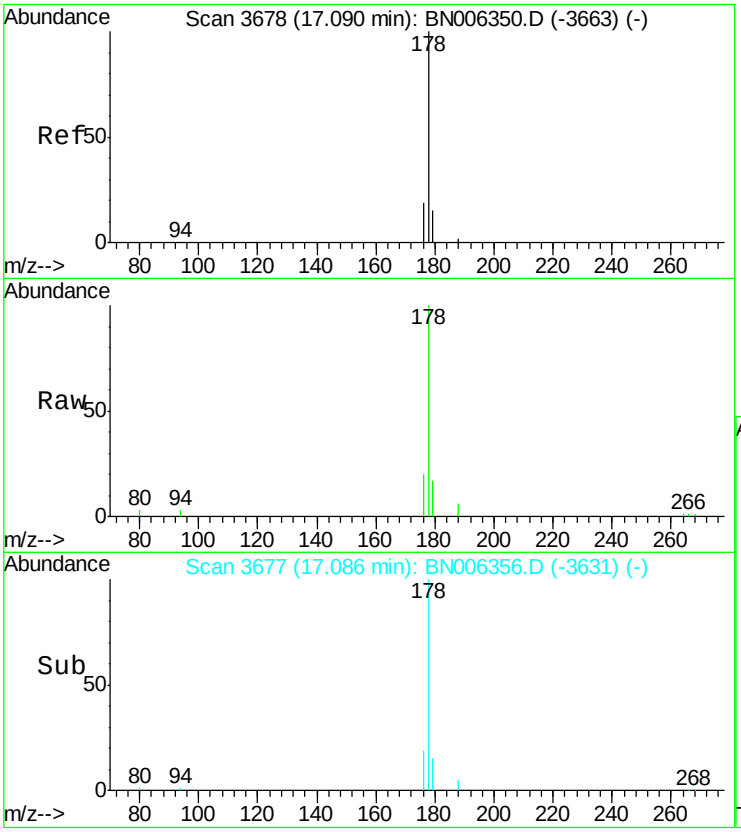
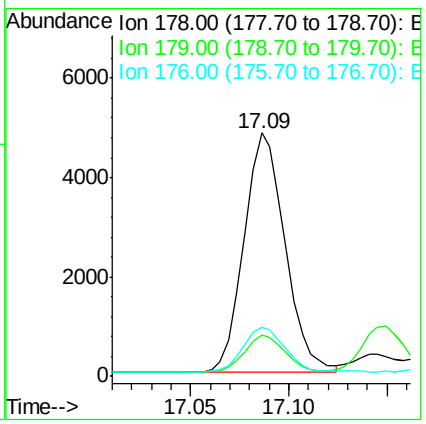




#12
Phenanthrene
Concen: 0.132 ng/ul
RT: 17.09 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BN006356.D
Acq: 17 Jun 2019 19:52

Tgt Ion:178 Resp: 7067

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.3	18.5
176	20.1	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
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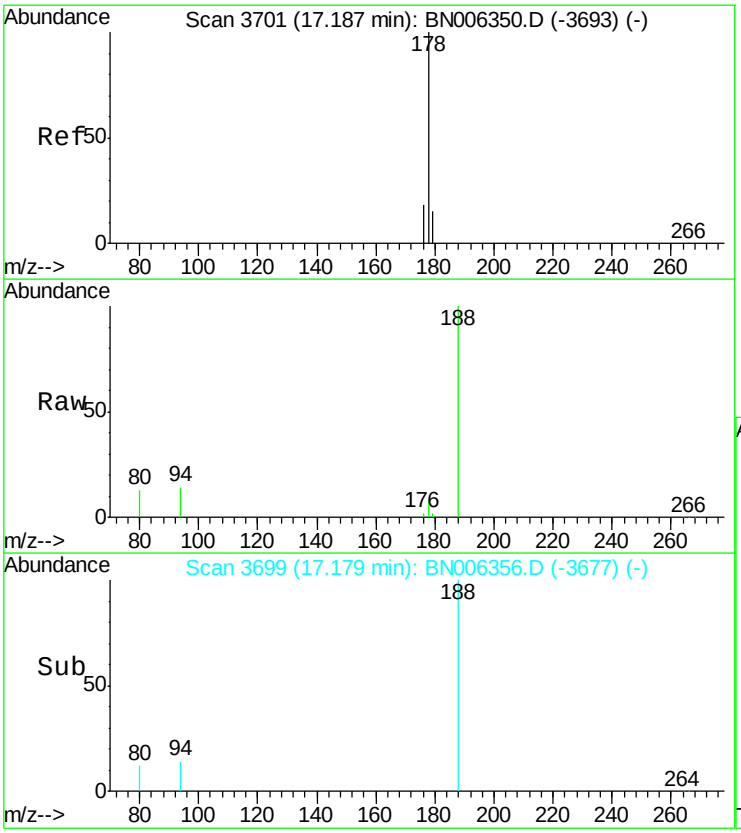
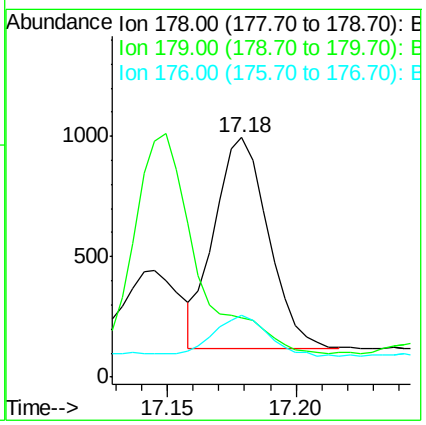
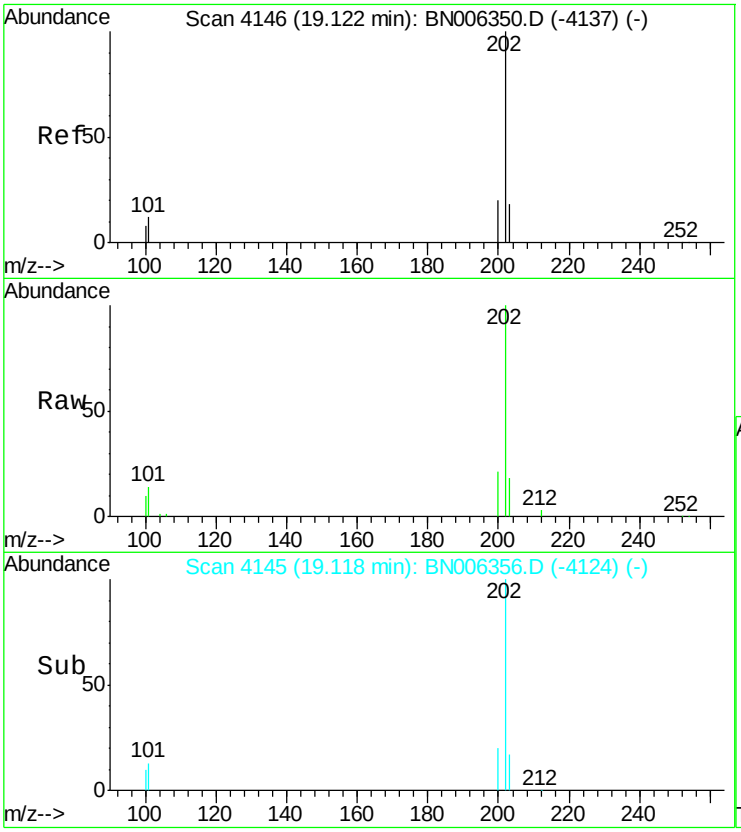


#13
Anthracene
Concen: 0.025 ng/ul m
RT: 17.18 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BN006356.D
Acq: 17 Jun 2019 19:52

Tgt Ion:178 Resp: 1285

Ion	Ratio	Lower	Upper
178	100		
179	24.9	12.2	18.4#
176	25.7	15.1	22.7#

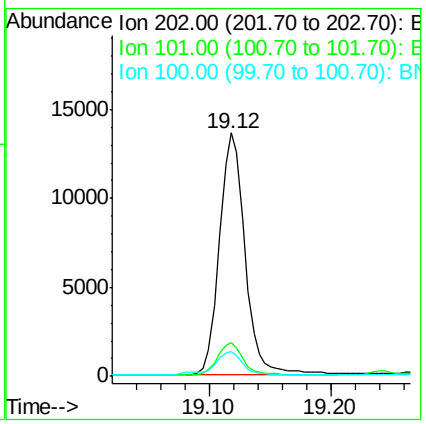




#15
Fluoranthene
Concen: 0.339 ng/ul m
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006356.D
Acq: 17 Jun 2019 19:52

Tgt Ion:202 Resp: 20005

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	32.1
100	10.1	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
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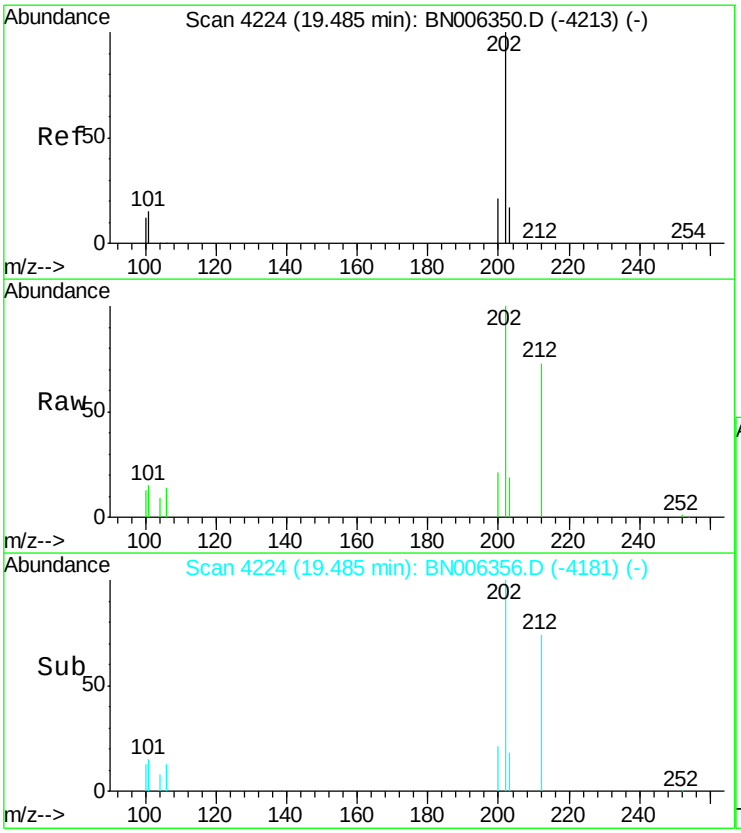
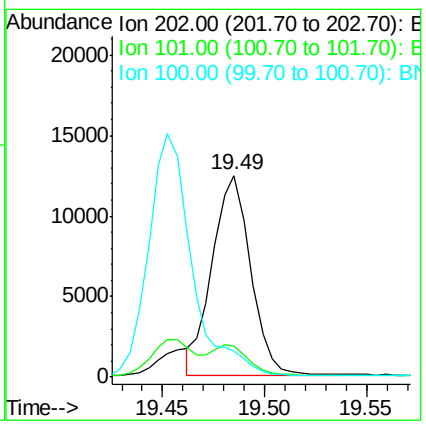
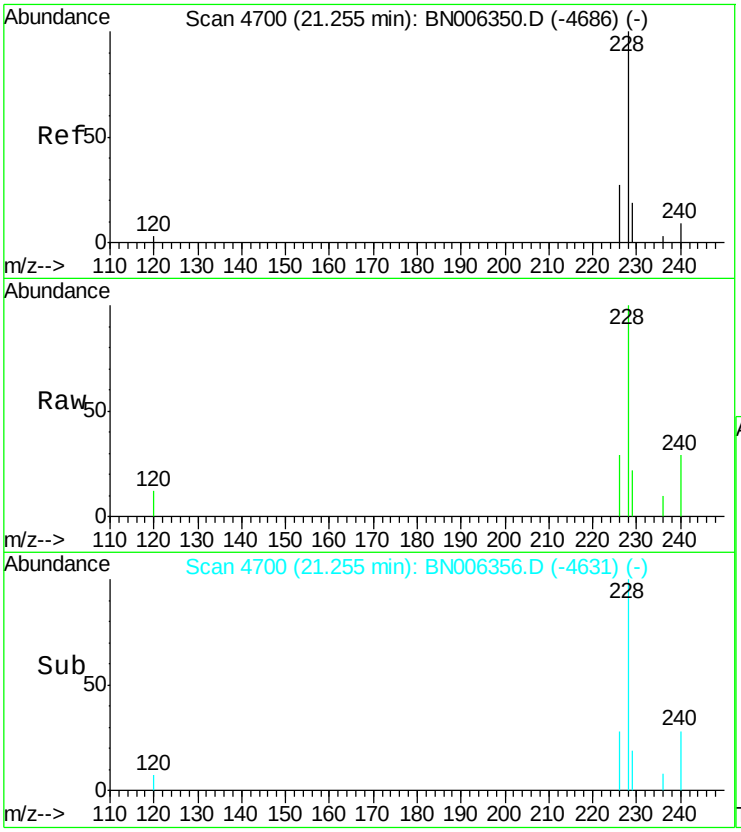


#17
Pyrene
Concen: 0.271 ng/ul m
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006356.D
Acq: 17 Jun 2019 19:52

Tgt Ion:202 Resp: 16130

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.2
100	13.0	9.8	14.6

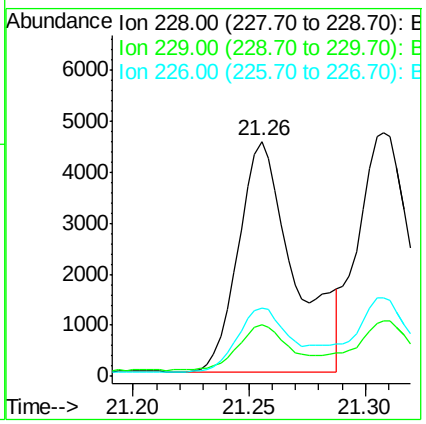




#18
Benzo(a)anthracene
Concen: 0.150 ng/ul
RT: 21.26 min Scan# 4700
Delta R.T. 0.00 min
Lab File: BN006356.D
Acq: 17 Jun 2019 19:52

Tgt Ion:228 Resp: 7523

Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.5	24.7
226	29.2	22.8	34.2



Instrument :
BNA_N
ClientSampleId :
A41W4

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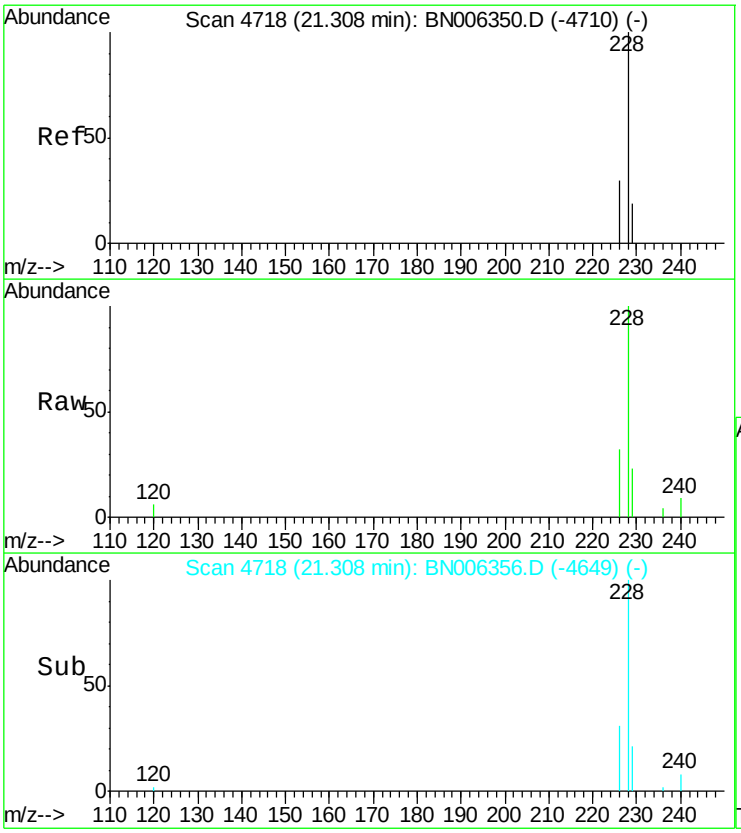
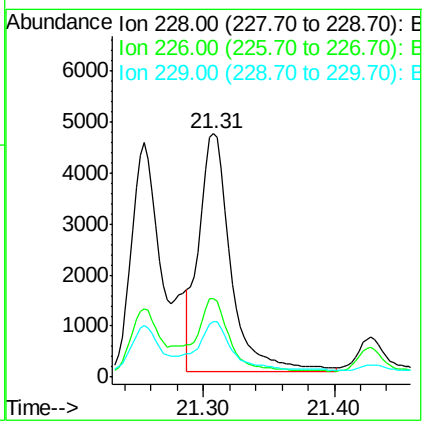
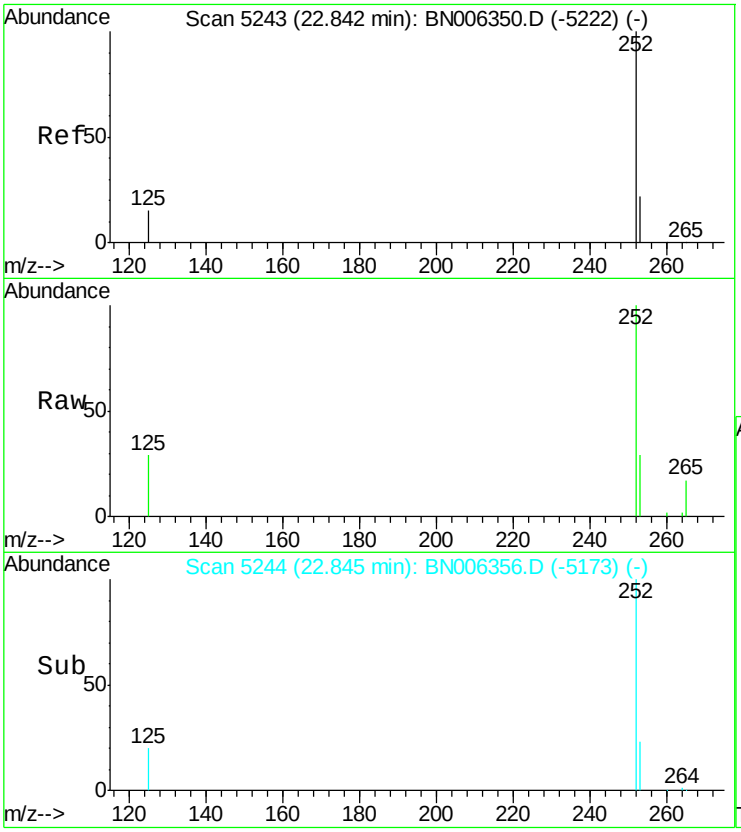


#19
Chrysene
Concen: 0.169 ng/ul
RT: 21.31 min Scan# 4718
Delta R.T. 0.00 min
Lab File: BN006356.D
Acq: 17 Jun 2019 19:52

Tgt Ion:228 Resp: 7958

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	22.8	16.3	24.5

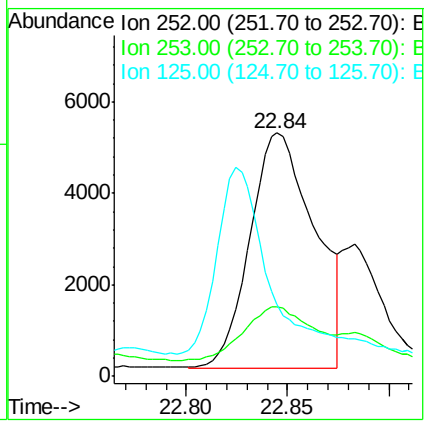




#21
Benzo(b)fluoranthene
Concen: 0.265 ng/ul m
RT: 22.84 min Scan# 5244
Delta R.T. 0.01 min
Lab File: BN006356.D
Acq: 17 Jun 2019 19:52

Tgt Ion:252 Resp: 11479

Ion	Ratio	Lower	Upper
252	100		
253	28.6	0.0	51.4
125	29.5	0.0	41.0



Instrument :
BNA_N
ClientSampleId :
A41W4

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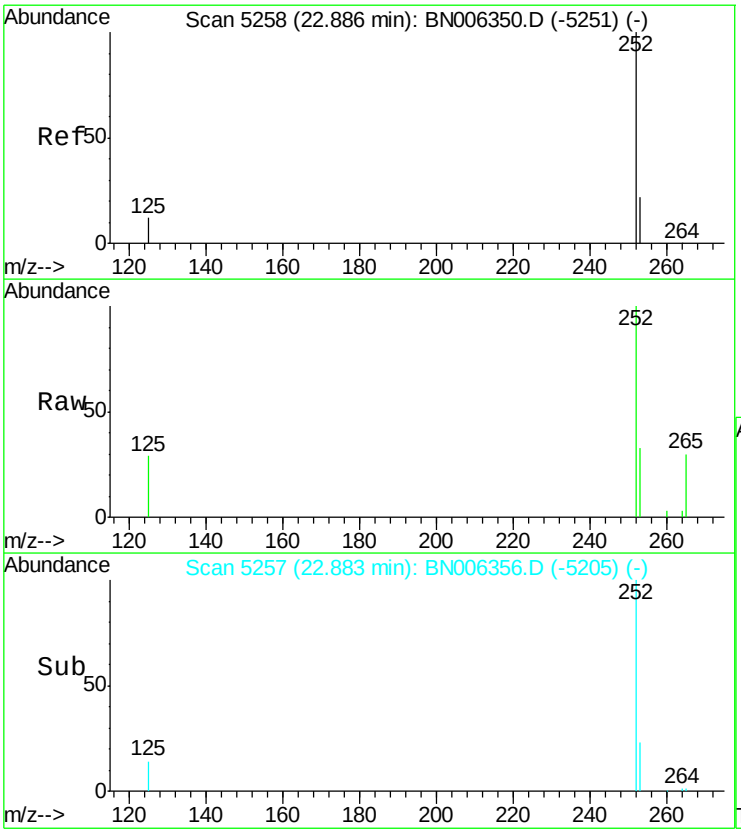
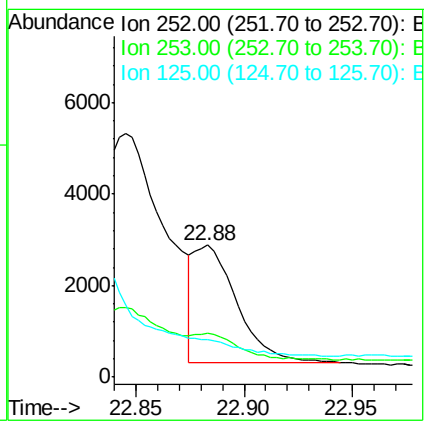
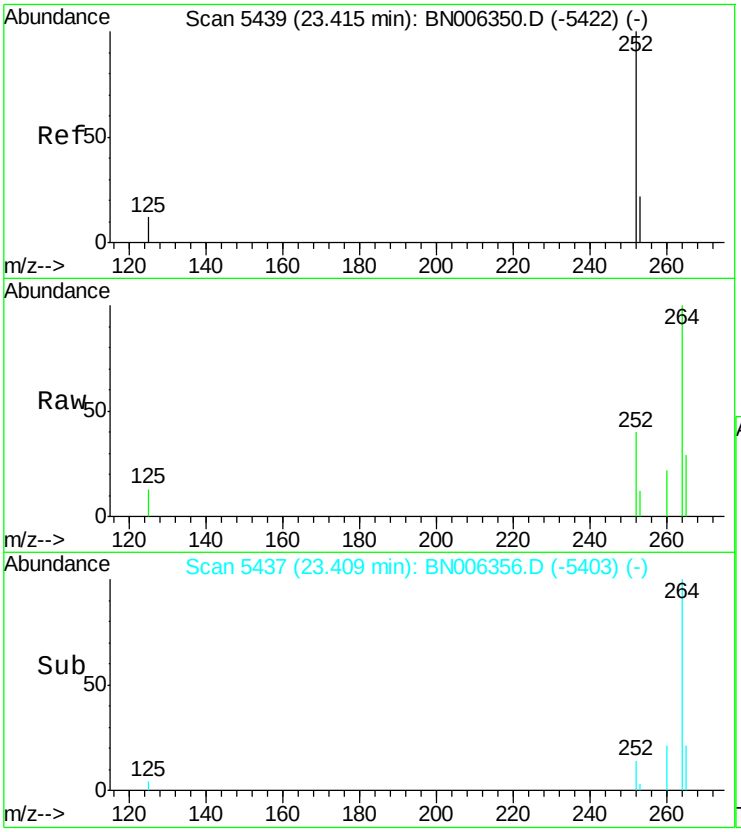


#22
Benzo(k)fluoranthene
Concen: 0.085 ng/ul m
RT: 22.88 min Scan# 5257
Delta R.T. 0.00 min
Lab File: BN006356.D
Acq: 17 Jun 2019 19:52

Tgt Ion:252 Resp: 3568

Ion	Ratio	Lower	Upper
252	100		
253	32.9	20.3	30.5#
125	28.5	14.3	21.5#





#23
Benzo(a)pyrene
Concen: 0.180 ng/ul m
RT: 23.41 min Scan# 5437
Delta R.T. -0.00 min
Lab File: BN006356.D
Acq: 17 Jun 2019 19:52

Tgt Ion:252 Resp: 7232

Ion	Ratio	Lower	Upper
252	100		
253	29.2	21.1	31.7
125	31.0	20.3	30.5#

Instrument :
BNA_N
ClientSampleId :
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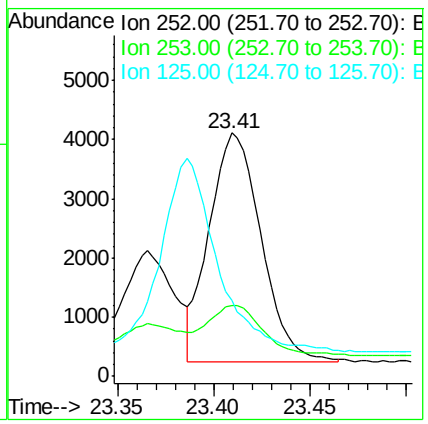
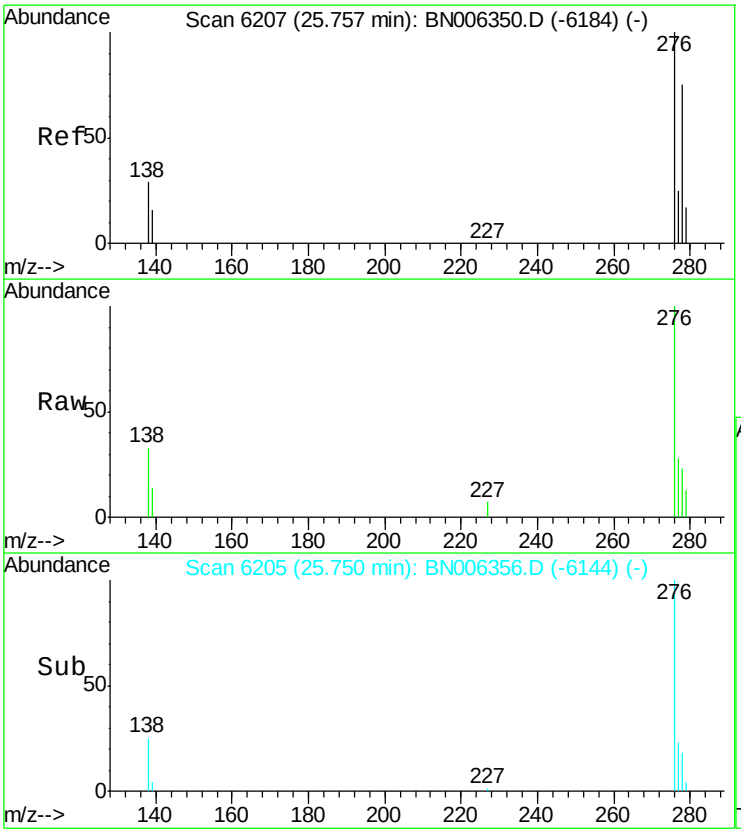
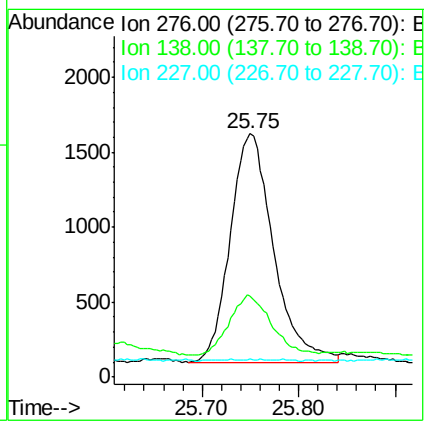


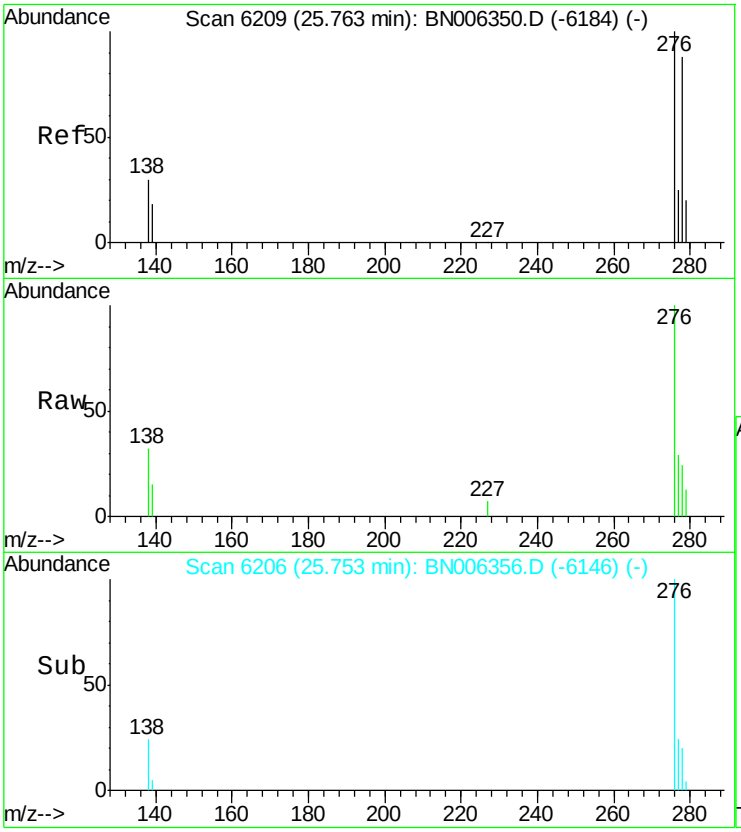


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng/ul m
RT: 25.75 min Scan# 6205
Delta R.T. 0.00 min
Lab File: BN006356.D
Acq: 17 Jun 2019 19:52

Tgt Ion:276 Resp: 4767

Ion	Ratio	Lower	Upper
276	100		
138	1.8	25.6	38.4#
227	0.1	0.3	0.5#





#25
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul m
RT: 25.75 min Scan# 6206
Delta R.T. 0.00 min
Lab File: BN006356.D
Acq: 17 Jun 2019 19:52

Tgt Ion:278 Resp: 969

Ion	Ratio	Lower	Upper
278	100		
139	61.1	21.2	31.8#
279	54.7	22.6	33.8#

Instrument :
BNA_N
ClientSampleId :
A41W4

Manual Integrations APPROVED
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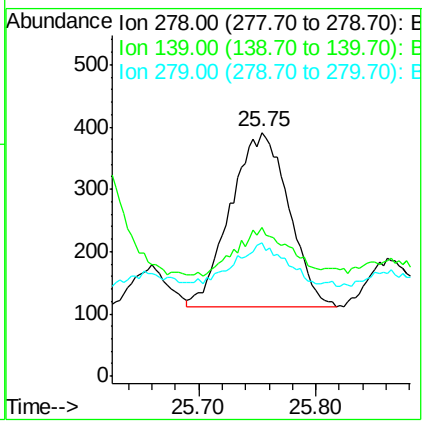

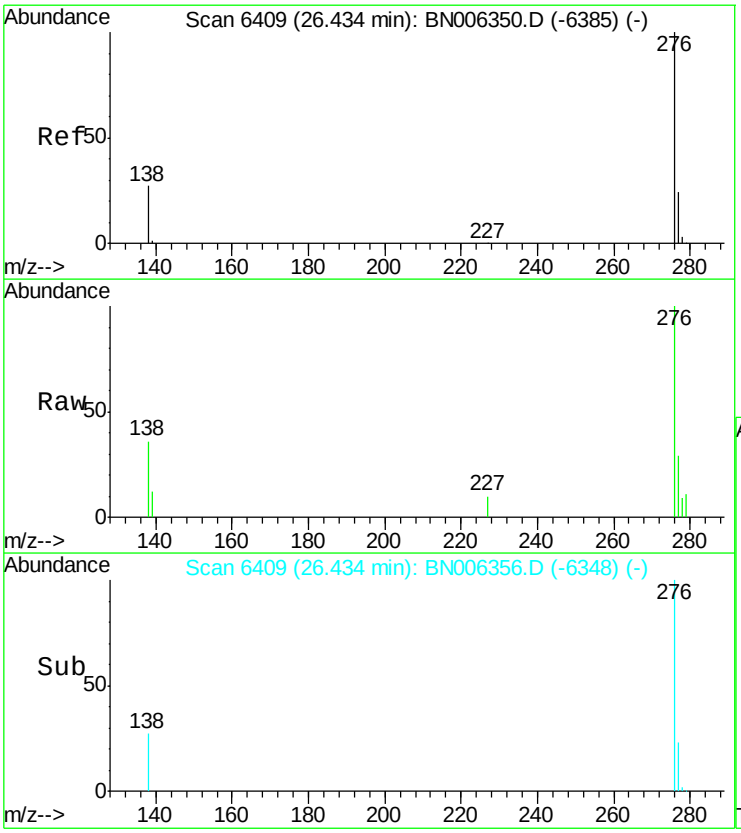

#26
Benzo(g,h,i)perylene
Concen: 0.108 ng/ul m
RT: 26.43 min Scan# 6409
Delta R.T. 0.00 min
Lab File: BN006356.D
Acq: 17 Jun 2019 19:52

Tgt Ion:276 Resp: 3957

Ion	Ratio	Lower	Upper
276	100		
138	36.1	24.2	36.4
277	28.7	21.5	32.3