Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006192.D
Acq On : 08 Jun 2019 15:38
Operator : JU/SJ
Sample : K3016-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51C0

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:28:44 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4110	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15731	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8153	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16870m	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	13474m	0.40	ng/ul	0.01
20) Perylene-d12	23.52	264	19132	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	3670	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	7639m	0.17	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	2192	0.048	ng/ul#	88
12) Phenanthrene	17.09	178	4434	0.082	ng/ul	95
13) Anthracene	17.19	178	1318m	0.025	ng/ul	
15) Fluoranthene	19.12	202	10656m	0.178	ng/ul	
17) Pyrene	19.49	202	11445	0.161	ng/ul	98
18) Benzo(a)anthracene	21.26	228	4889	0.082	ng/ul	91
19) Chrysene	21.31	228	7263	0.130	ng/ul	95
21) Benzo(b)fluoranthene	22.85	252	9418m	0.118	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	3614m	0.047	ng/ul	
23) Benzo(a)pyrene	23.42	252	4358	0.059	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	25.76	276	3601	0.045	ng/ul#	91
26) Benzo(g,h,i)perylene	26.44	276	2095	0.031	ng/ul#	77

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

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Instrument :
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Manual Integrations APPROVED
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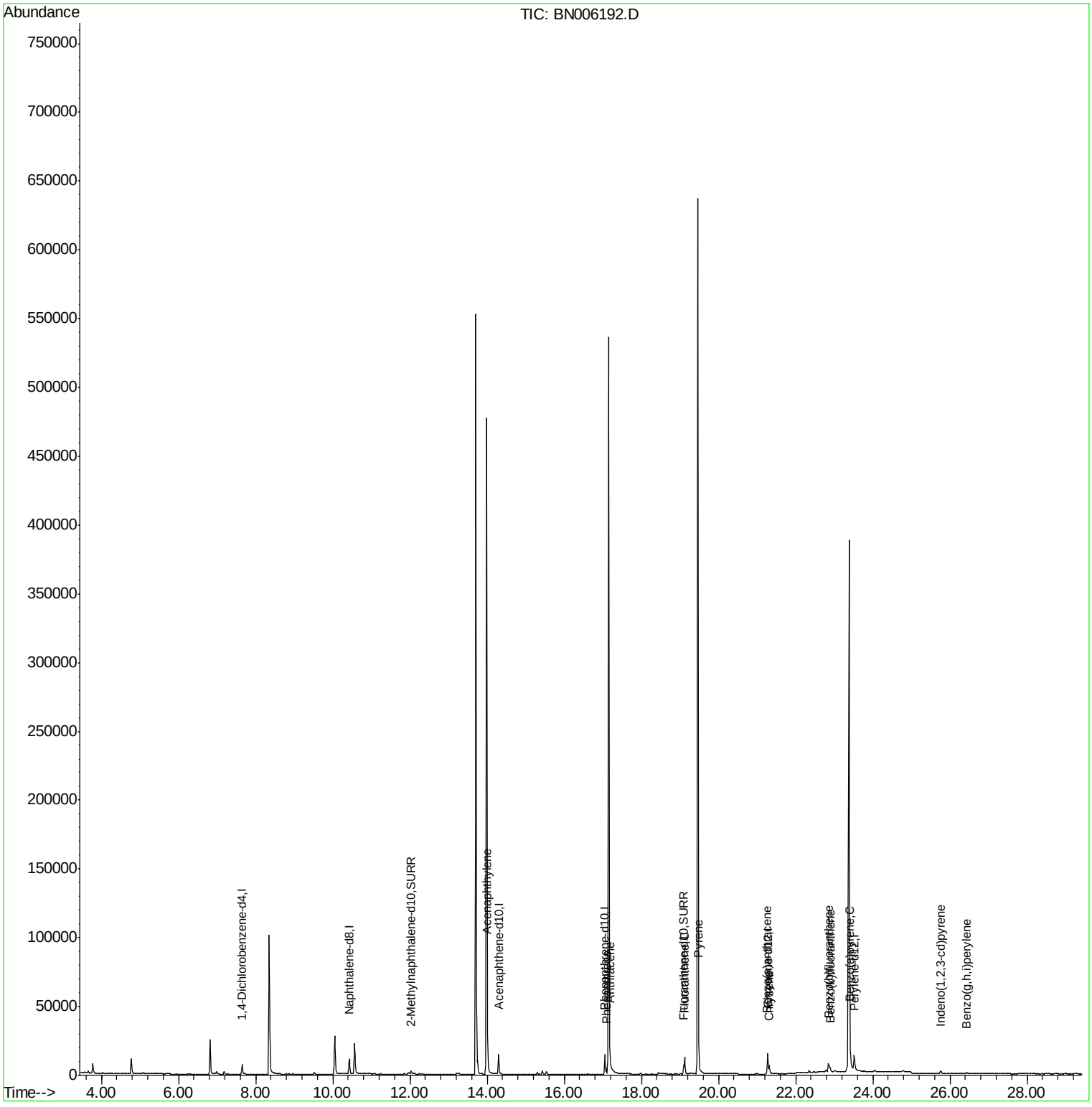
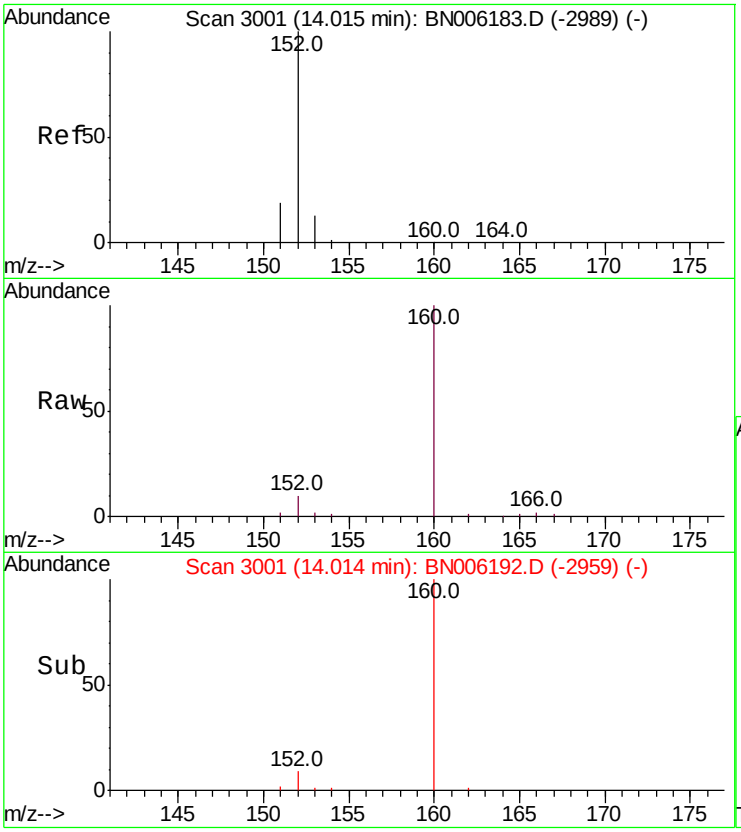
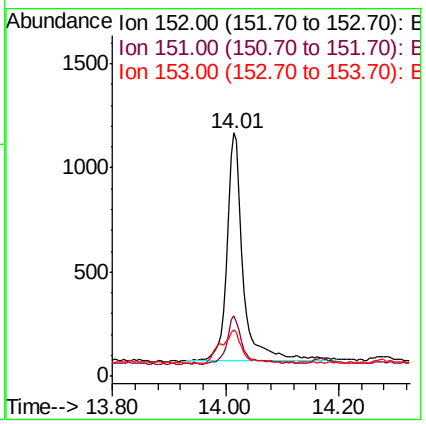




#7
Acenaphthylene
Concen: 0.048 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006192.D
Acq: 08 Jun 2019 15:38

Tgt Ion:152 Resp: 2192

Ion	Ratio	Lower	Upper
152	100		
151	24.7	15.8	23.8#
153	18.8	10.8	16.2#



Instrument :
BNA_N
ClientSampleId :
A51C0

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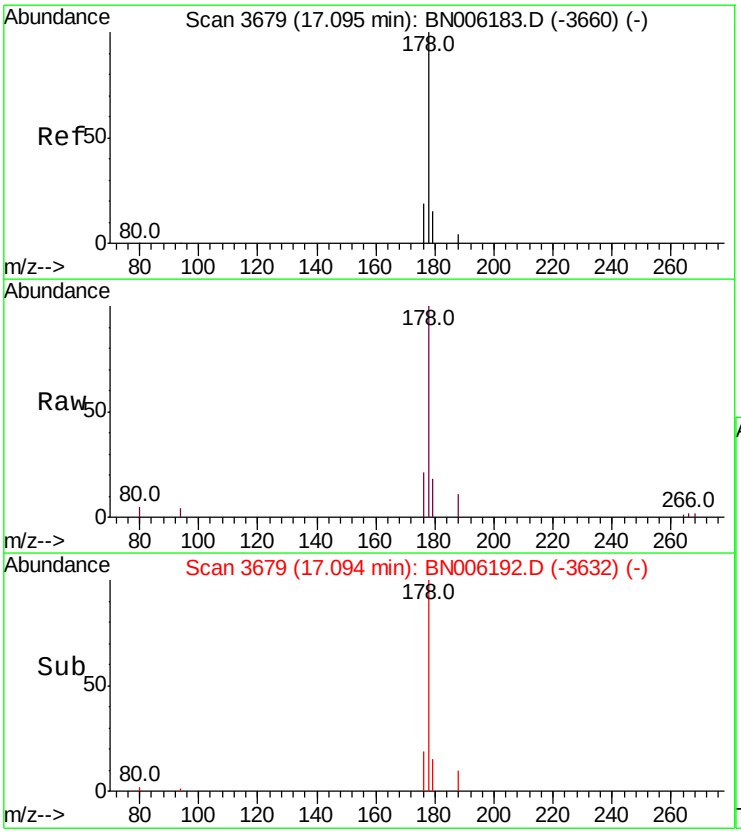
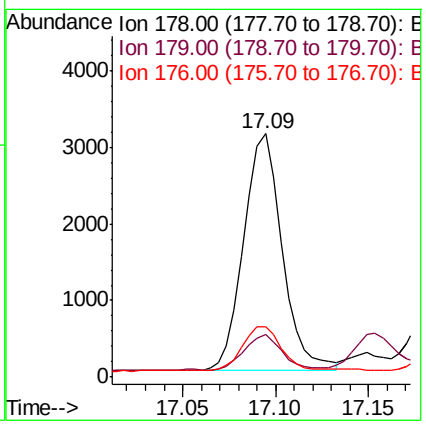
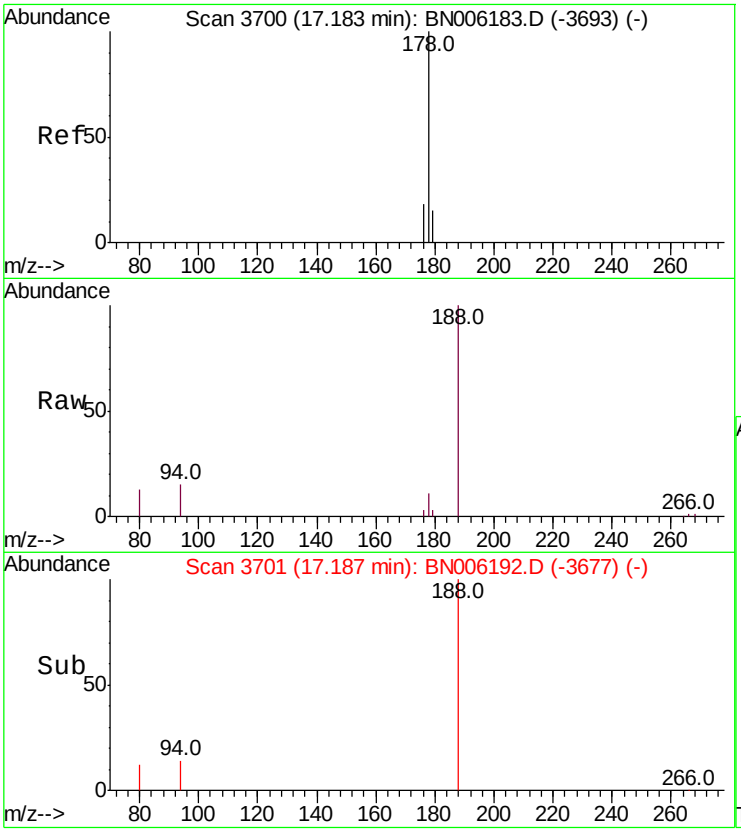


#12
Phenanthrene
Concen: 0.082 ng/ul
RT: 17.09 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN006192.D
Acq: 08 Jun 2019 15:38

Tgt Ion:178 Resp: 4434

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.3	18.5
176	20.8	15.3	22.9

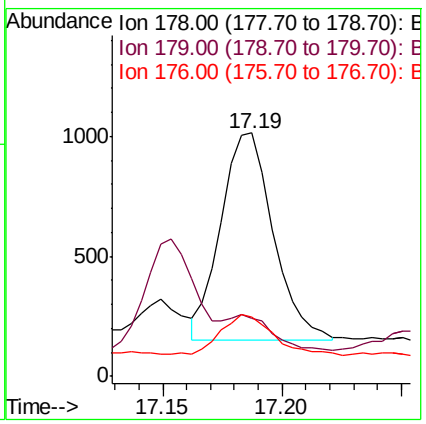




#13
Anthracene
Concen: 0.025 ng/ul m
RT: 17.19 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BN006192.D
Acq: 08 Jun 2019 15:38

Tgt Ion:178 Resp: 1318

Ion	Ratio	Lower	Upper
178	100		
179	23.8	12.2	18.4#
176	24.6	15.1	22.7#



Instrument :
BNA_N
ClientSampleId :
A51C0

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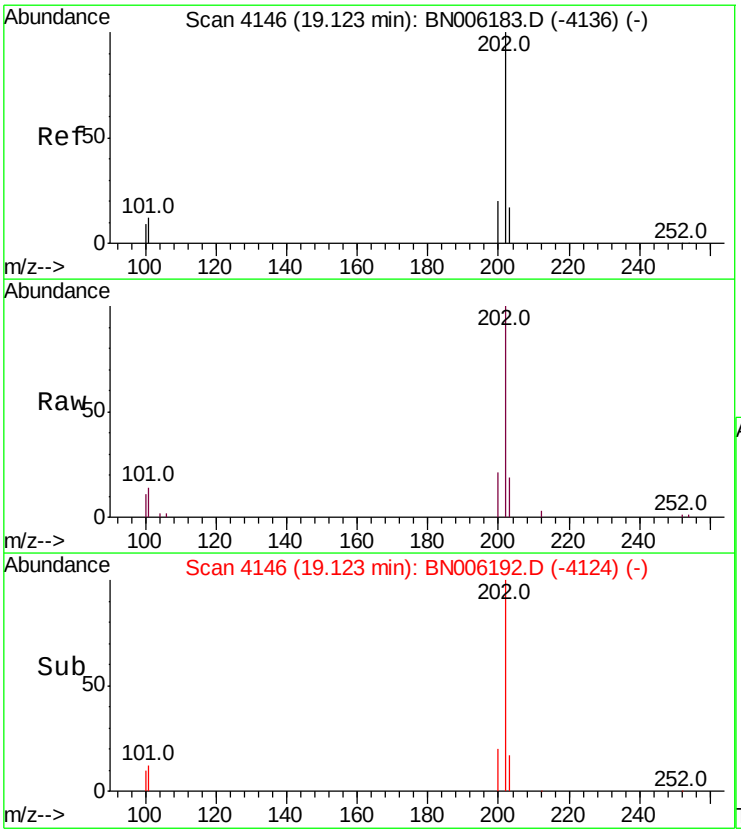
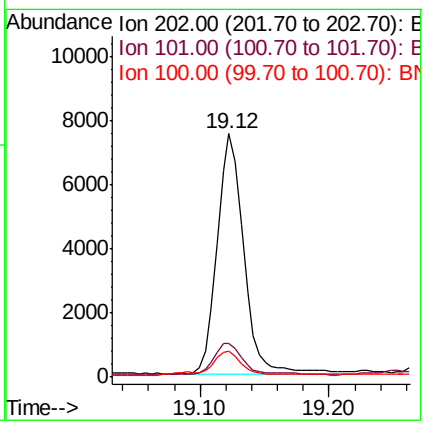
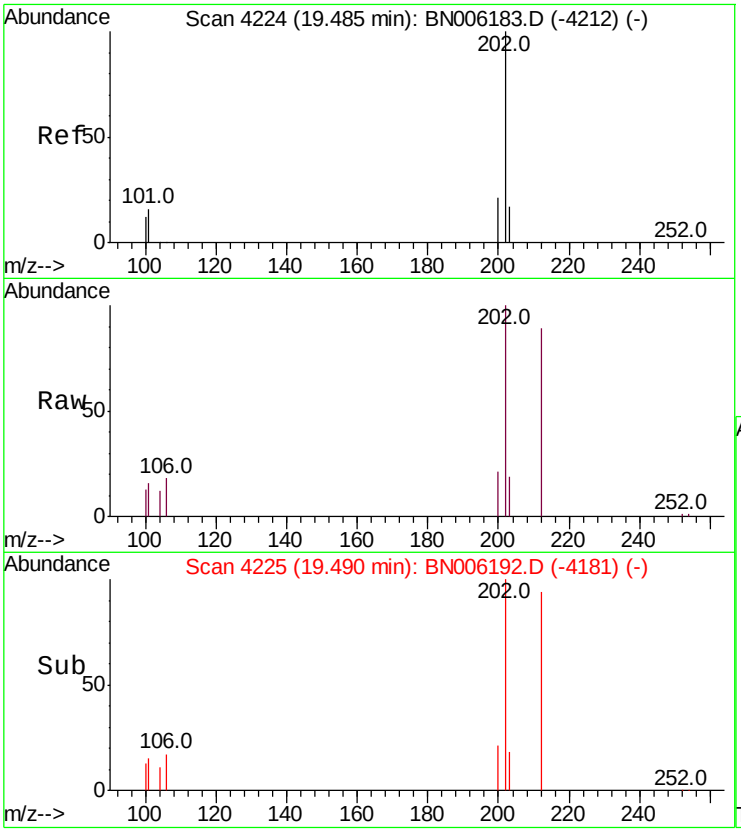


#15
Fluoranthene
Concen: 0.178 ng/ul m
RT: 19.12 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN006192.D
Acq: 08 Jun 2019 15:38

Tgt Ion:202 Resp: 10656

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.1
100	10.5	0.0	28.7

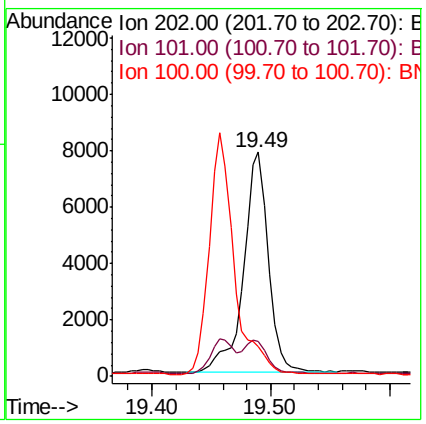




#17
Pyrene
Concen: 0.161 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006192.D
Acq: 08 Jun 2019 15:38

Tgt Ion:202 Resp: 11445

Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.2	18.2
100	13.4	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
A51C0

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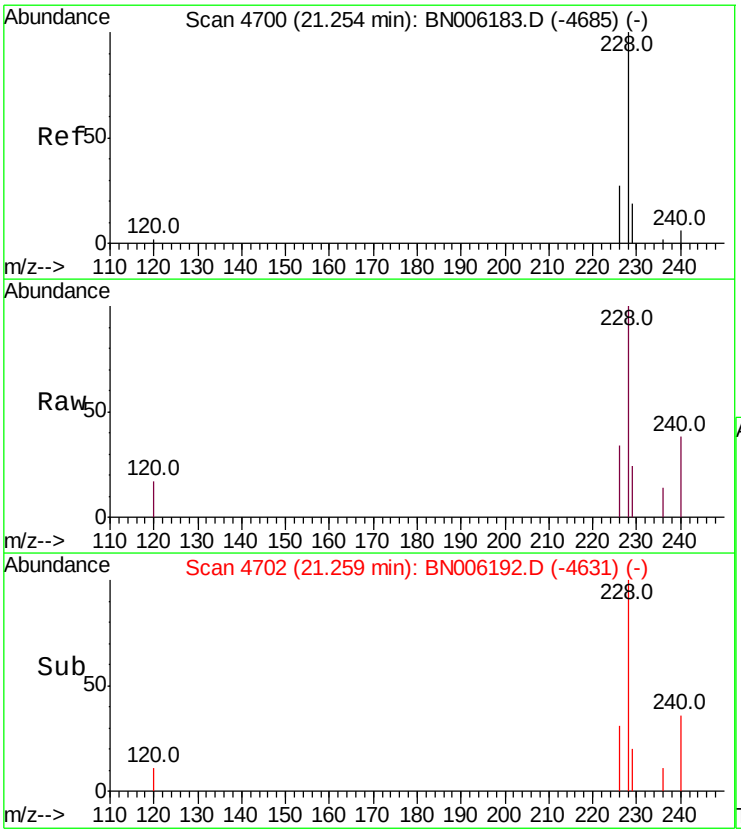
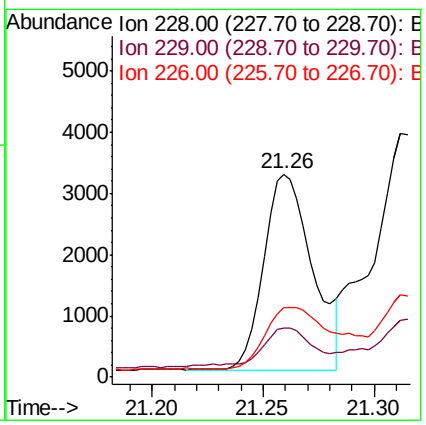
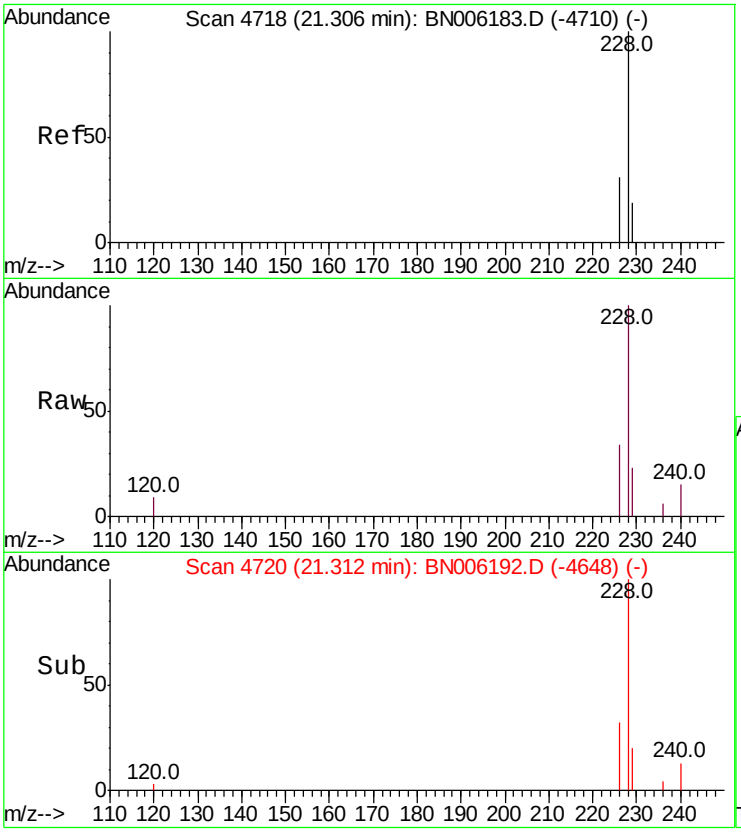


#18
Benzo(a)anthracene
Concen: 0.082 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. 0.01 min
Lab File: BN006192.D
Acq: 08 Jun 2019 15:38

Tgt Ion:228 Resp: 4889

Ion	Ratio	Lower	Upper
228	100		
229	24.4	16.5	24.7
226	33.9	22.8	34.2





#19
Chrysene
Concen: 0.130 ng/ul
RT: 21.31 min Scan# 4720
Delta R.T. 0.01 min
Lab File: BN006192.D
Acq: 08 Jun 2019 15:38

Tgt Ion:228 Resp: 7263

Ion	Ratio	Lower	Upper
228	100		
226	33.8	25.0	37.6
229	23.5	16.3	24.5

Instrument :
BNA_N
ClientSampleId :
A51C0

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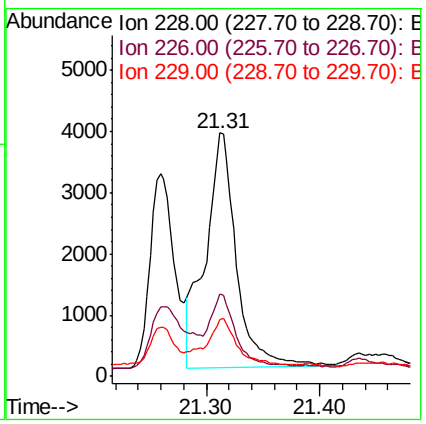
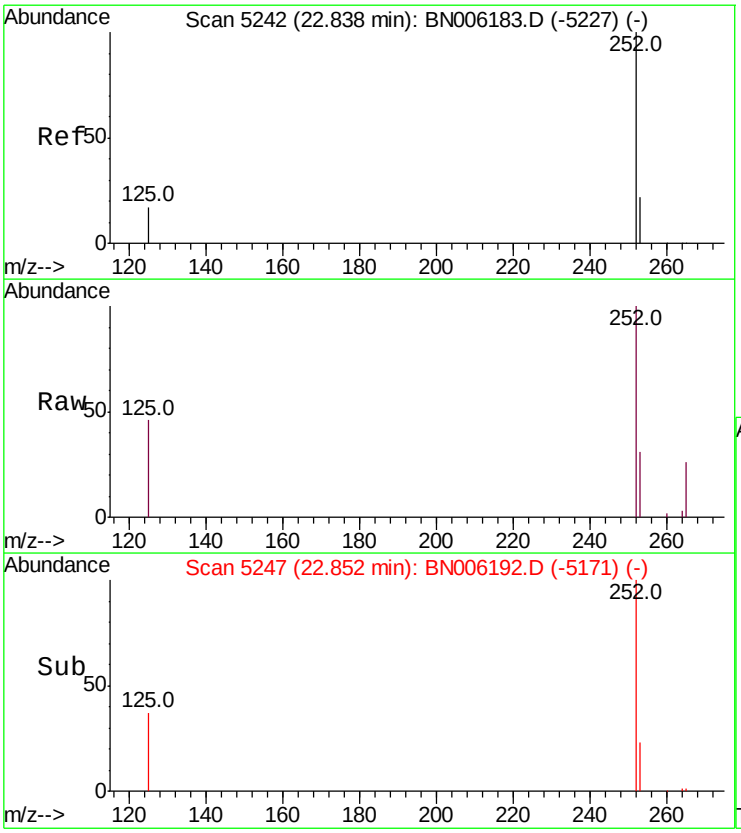
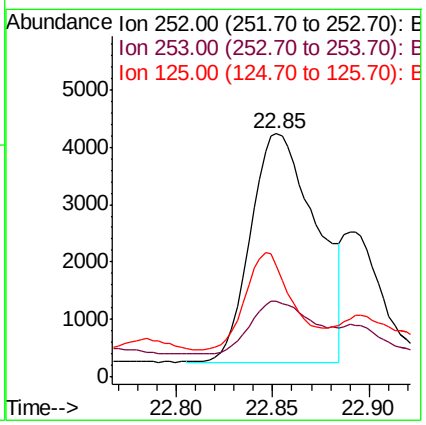


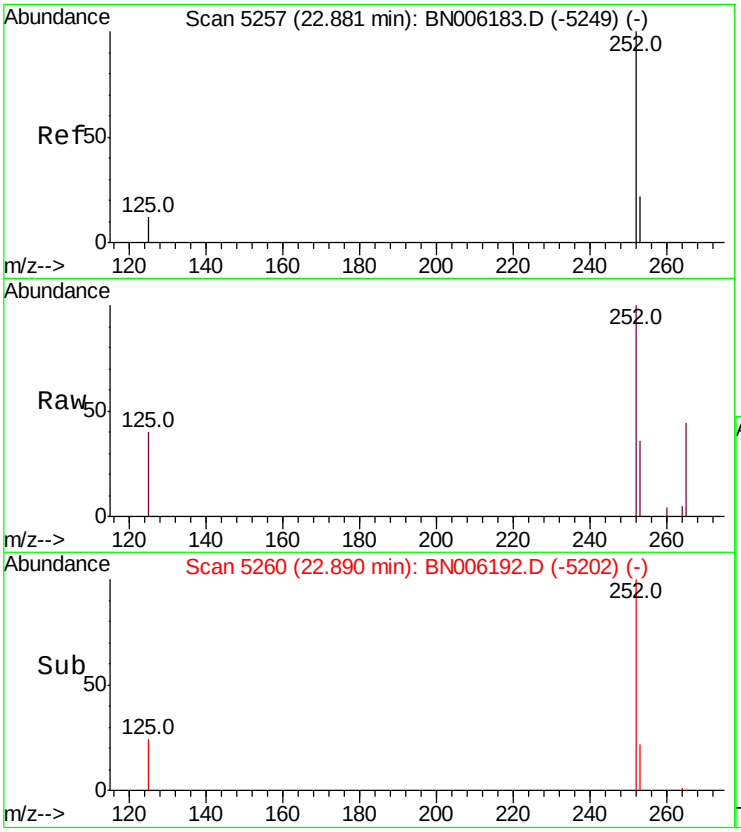


#21
Benzo(b)fluoranthene
Concen: 0.118 ng/ul m
RT: 22.85 min Scan# 5247
Delta R.T. 0.02 min
Lab File: BN006192.D
Acq: 08 Jun 2019 15:38

Tgt Ion:252 Resp: 9418

Ion	Ratio	Lower	Upper
252	100		
253	31.3	0.0	51.4
125	45.9	0.0	41.0#





#22
Benzo(k)fluoranthene
Concen: 0.047 ng/ul m
RT: 22.89 min Scan# 5260
Delta R.T. 0.02 min
Lab File: BN006192.D
Acq: 08 Jun 2019 15:38

Tgt Ion:252 Resp: 3614

Ion	Ratio	Lower	Upper
252	100		
253	36.0	20.3	30.5#
125	40.1	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
A51C0

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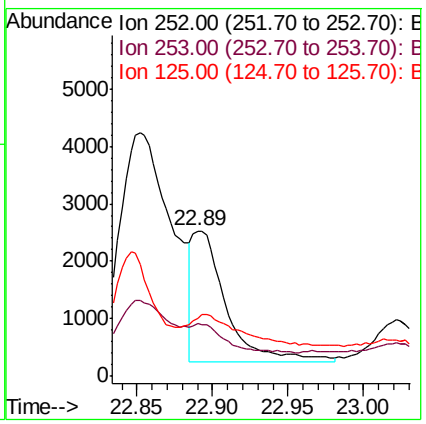
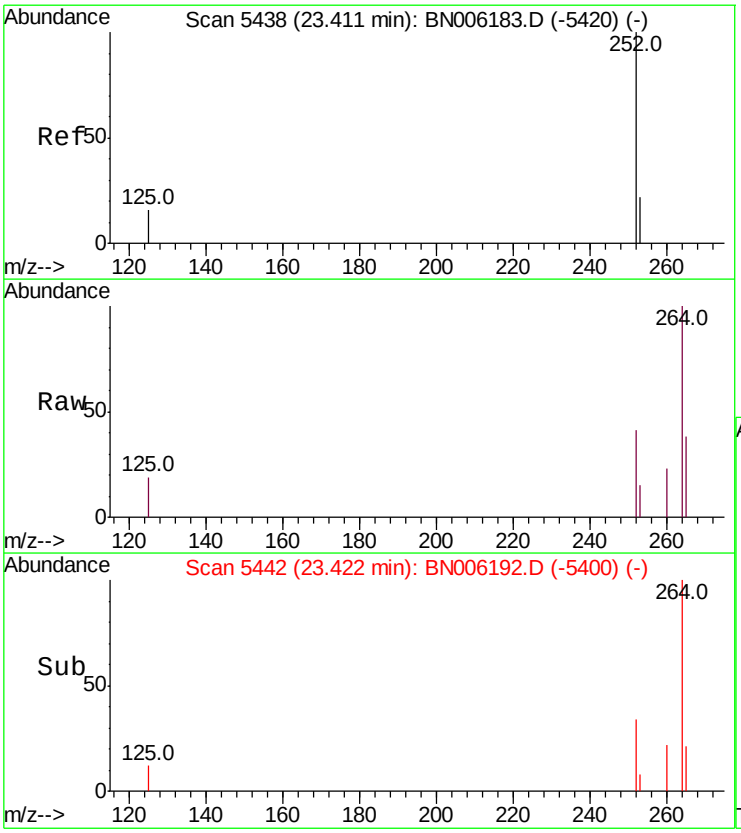
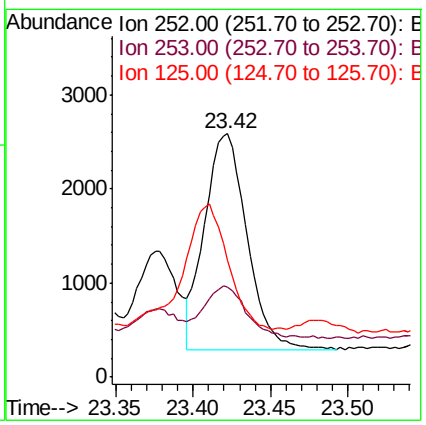


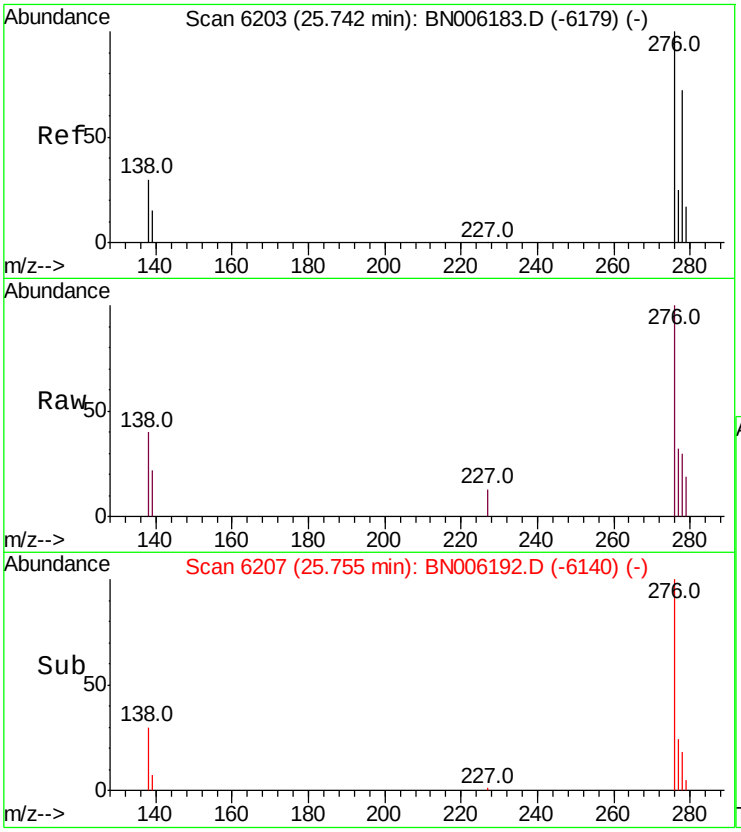


#23
Benzo(a)pyrene
Concen: 0.059 ng/ul
RT: 23.42 min Scan# 5442
Delta R.T. 0.02 min
Lab File: BN006192.D
Acq: 08 Jun 2019 15:38

Tgt Ion:252 Resp: 4358

Ion	Ratio	Lower	Upper
252	100		
253	36.9	21.1	31.7#
125	47.8	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 25.76 min Scan# 6207
Delta R.T. 0.02 min
Lab File: BN006192.D
Acq: 08 Jun 2019 15:38

Tgt Ion:276 Resp: 3601

Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.6	38.4
227	0.1	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A51C0

Manual Integrations APPROVED
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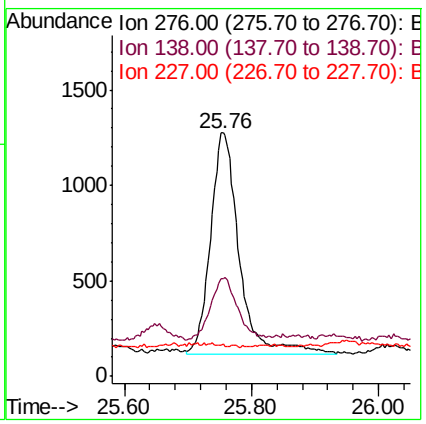

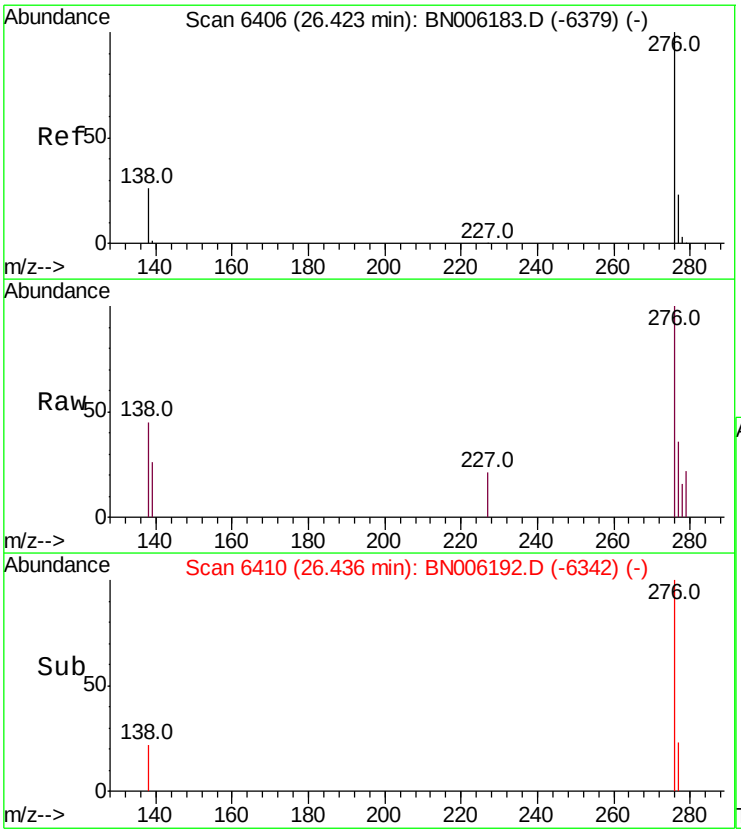

#26
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 26.44 min Scan# 6410
Delta R.T. 0.03 min
Lab File: BN006192.D
Acq: 08 Jun 2019 15:38

Tgt Ion:276 Resp: 2095

Ion	Ratio	Lower	Upper
276	100		
138	45.3	24.2	36.4#
277	35.8	21.5	32.3#