Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
Data File : BN006382.D
Acq On : 18 Jun 2019 18:25
Operator : JU/SJ
Sample : K3335-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41T9

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:13 AM

Quant Time: Jun 19 01:39:42 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	3699	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	13888	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	7112	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	13652m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	10606m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	16932	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	3944	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	8311m	0.23	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.09	178	8202	0.187	ng/ul	97
13) Anthracene	17.18	178	1567m	0.037	ng/ul	
15) Fluoranthene	19.12	202	24677m	0.510	ng/ul	
17) Pyrene	19.49	202	20997m	0.376	ng/ul	
18) Benzo(a)anthracene	21.25	228	10138m	0.216	ng/ul	
19) Chrysene	21.30	228	10435	0.237	ng/ul	98
21) Benzo(b)fluoranthene	22.84	252	17201m	0.244	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	6062m	0.088	ng/ul	
23) Benzo(a)pyrene	23.40	252	10976	0.167	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.74	276	7762	0.109	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.74	278	1703	0.030	ng/ul#	64
26) Benzo(g,h,i)perylene	26.42	276	7816	0.131	ng/ul	99

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

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Manual Integrations APPROVED
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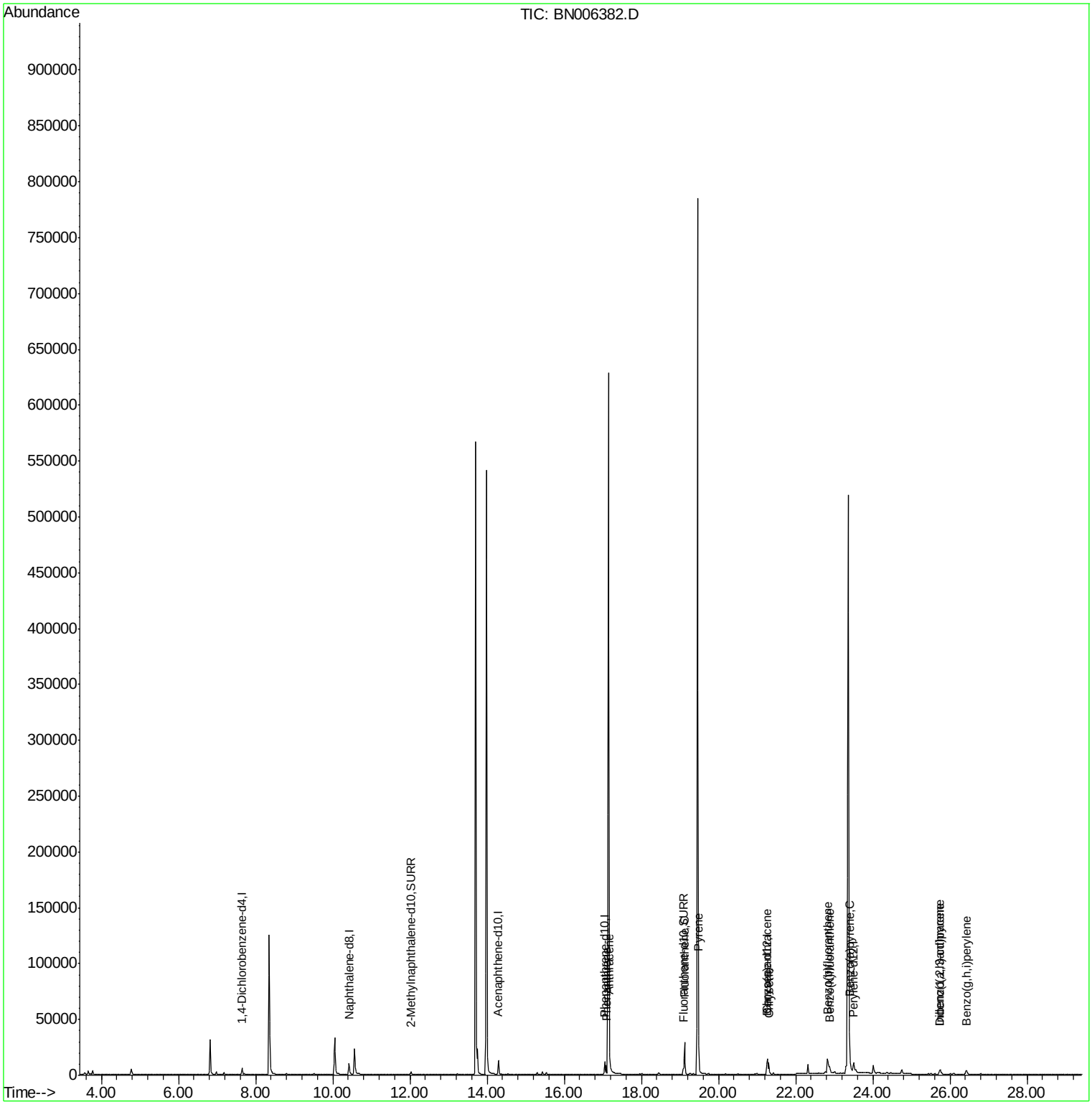
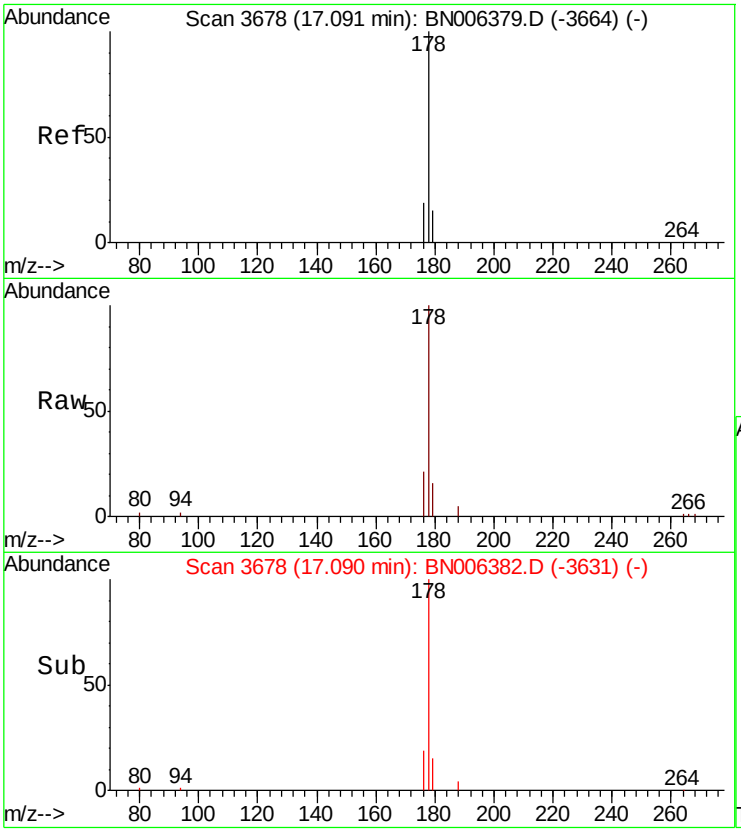
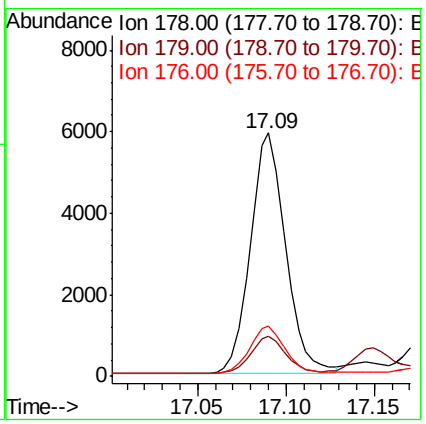




#12
Phenanthrene
Concen: 0.187 ng/ul
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006382.D
Acq: 18 Jun 2019 18:25

Tgt Ion:178 Resp: 8202

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	20.5	15.3	22.9



Instrument :
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ClientSampleId :
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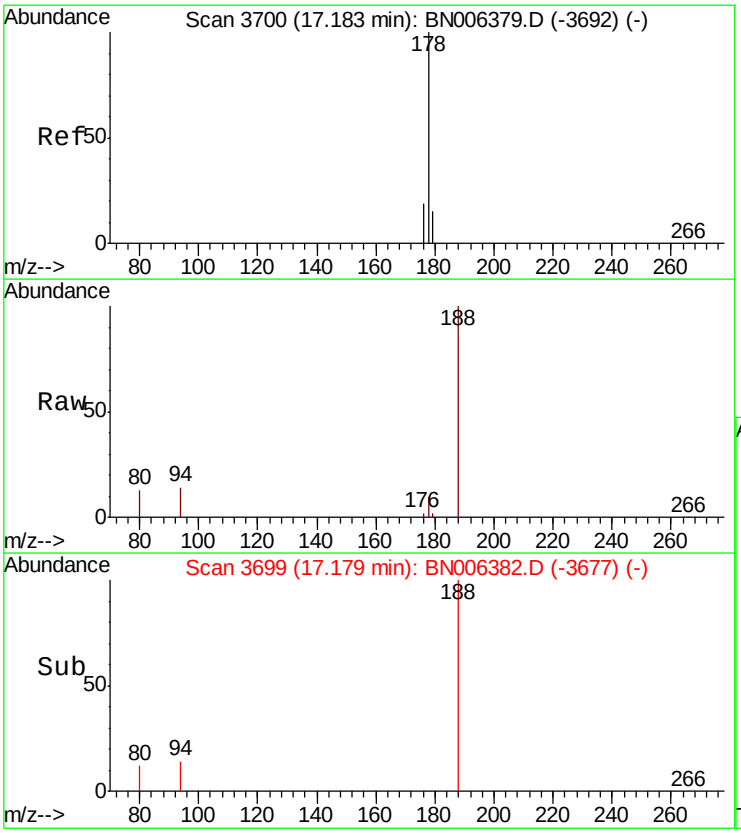
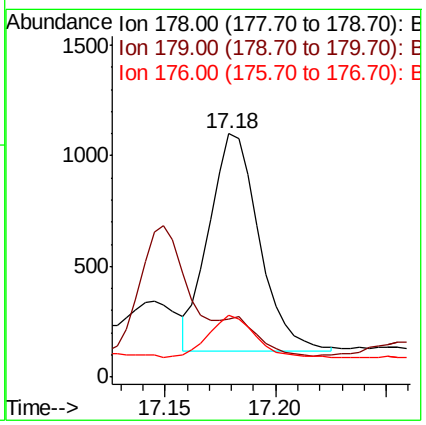
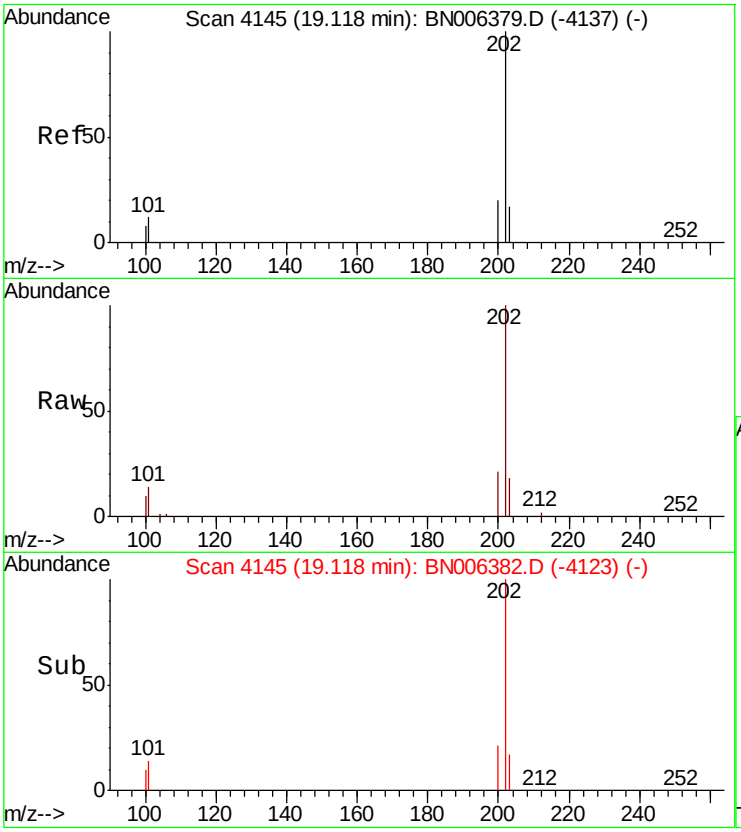


#13
Anthracene
Concen: 0.037 ng/ul m
RT: 17.18 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BN006382.D
Acq: 18 Jun 2019 18:25

Tgt Ion:178 Resp: 1567

Ion	Ratio	Lower	Upper
178	100		
179	23.9	12.2	18.4#
176	25.5	15.1	22.7#

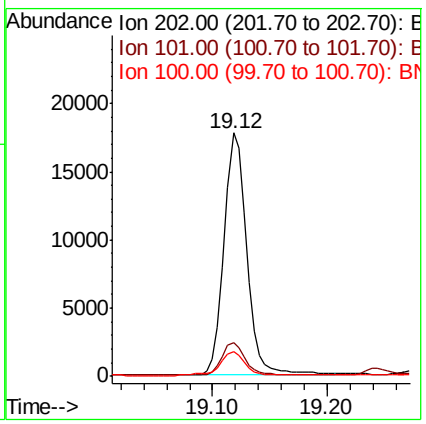




#15
Fluoranthene
Concen: 0.510 ng/ul m
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006382.D
Acq: 18 Jun 2019 18:25

Tgt Ion:202 Resp: 24677

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	32.1
100	10.3	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
A41T9

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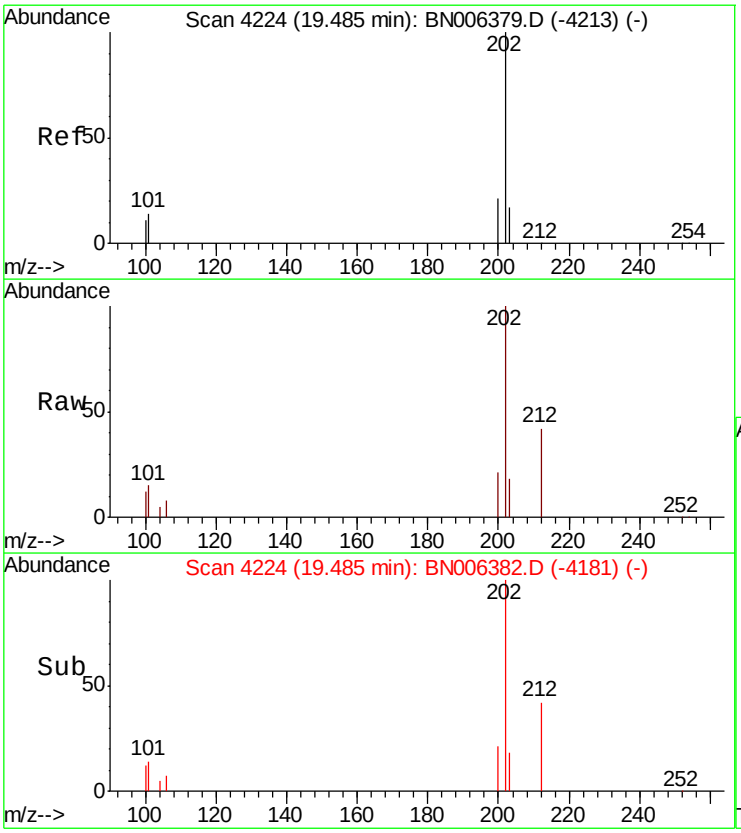
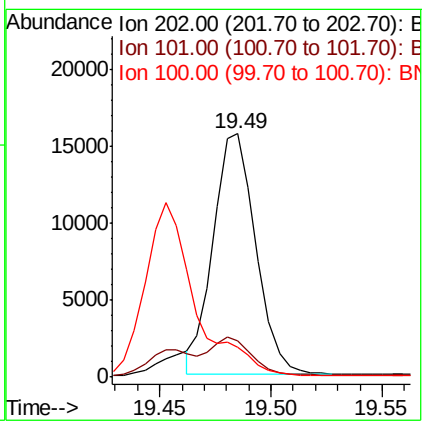
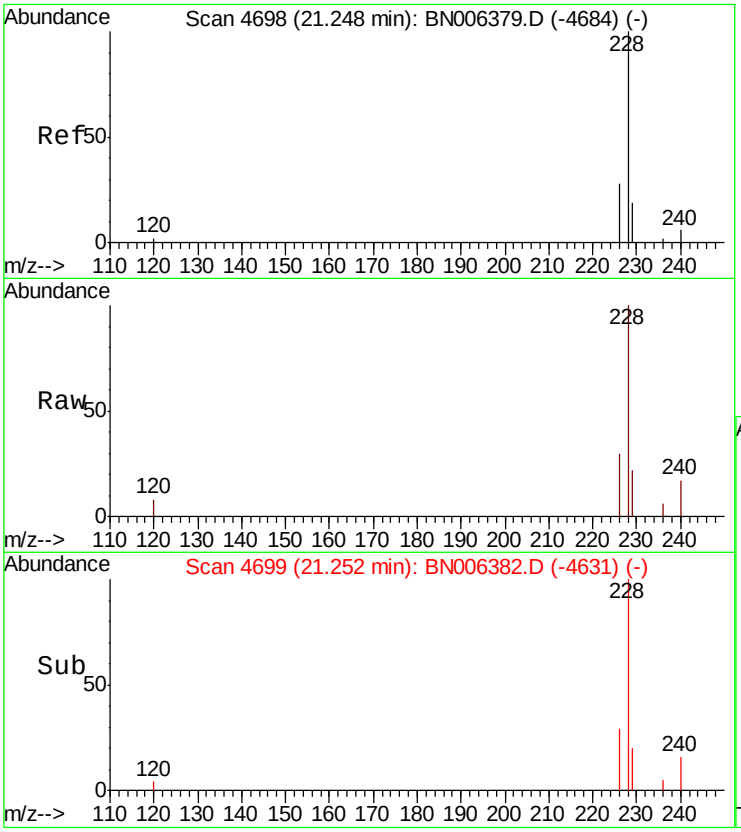


#17
Pyrene
Concen: 0.376 ng/ul m
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006382.D
Acq: 18 Jun 2019 18:25

Tgt Ion:202 Resp: 20997

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.2	18.2
100	12.4	9.8	14.6

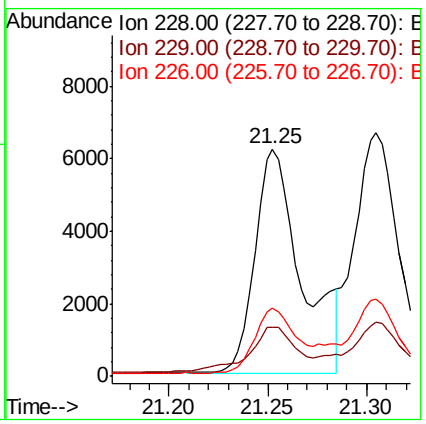




#18
Benzo(a)anthracene
Concen: 0.216 ng/ul m
RT: 21.25 min Scan# 4699
Delta R.T. -0.00 min
Lab File: BN006382.D
Acq: 18 Jun 2019 18:25

Tgt Ion:228 Resp: 10138

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.5	24.7
226	30.1	22.8	34.2



Instrument :
BNA_N
ClientSampleId :
A41T9

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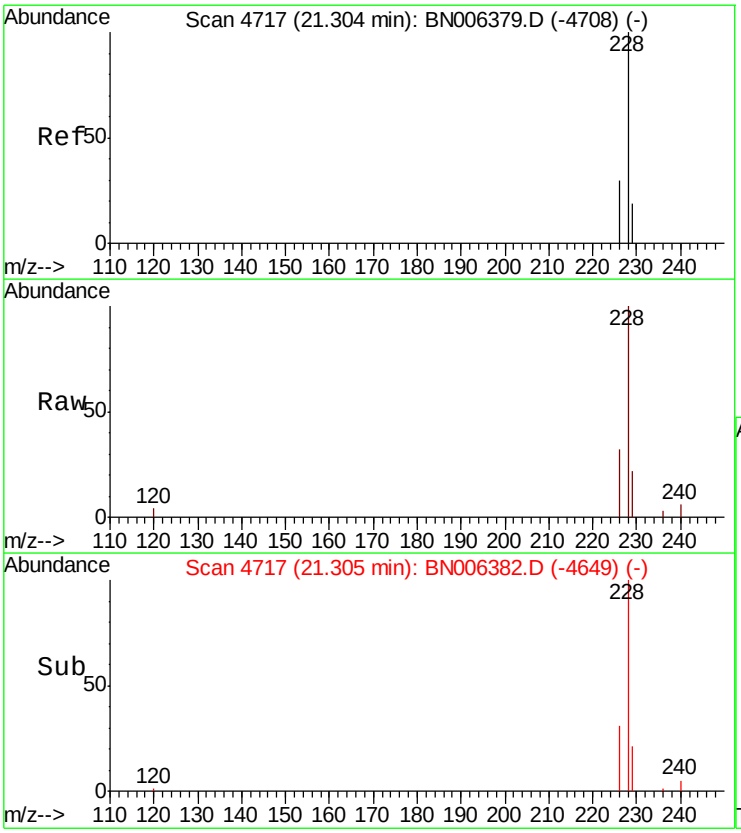
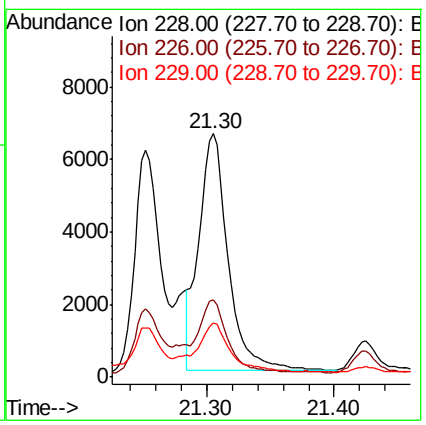
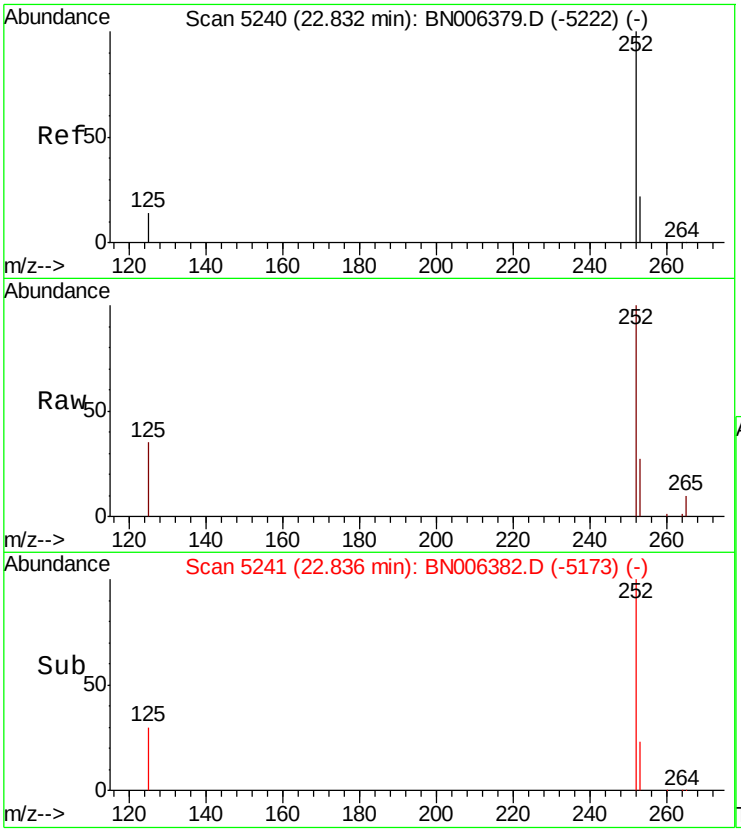


#19
Chrysene
Concen: 0.237 ng/ul
RT: 21.30 min Scan# 4717
Delta R.T. -0.00 min
Lab File: BN006382.D
Acq: 18 Jun 2019 18:25

Tgt Ion:228 Resp: 10435

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	22.1	16.3	24.5

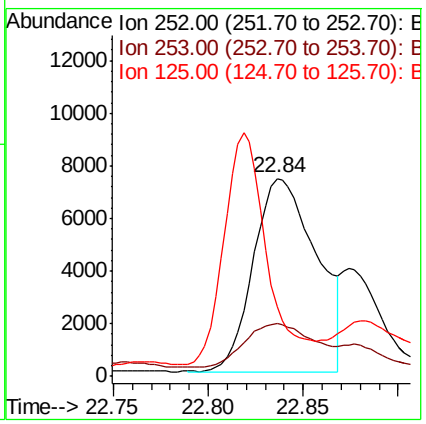




#21
Benzo(b)fluoranthene
Concen: 0.244 ng/ul m
RT: 22.84 min Scan# 5241
Delta R.T. -0.00 min
Lab File: BN006382.D
Acq: 18 Jun 2019 18:25

Tgt Ion:252 Resp: 17201

Ion	Ratio	Lower	Upper
252	100		
253	26.8	0.0	51.4
125	35.4	0.0	41.0



Instrument :
BNA_N
ClientSampleId :
A41T9

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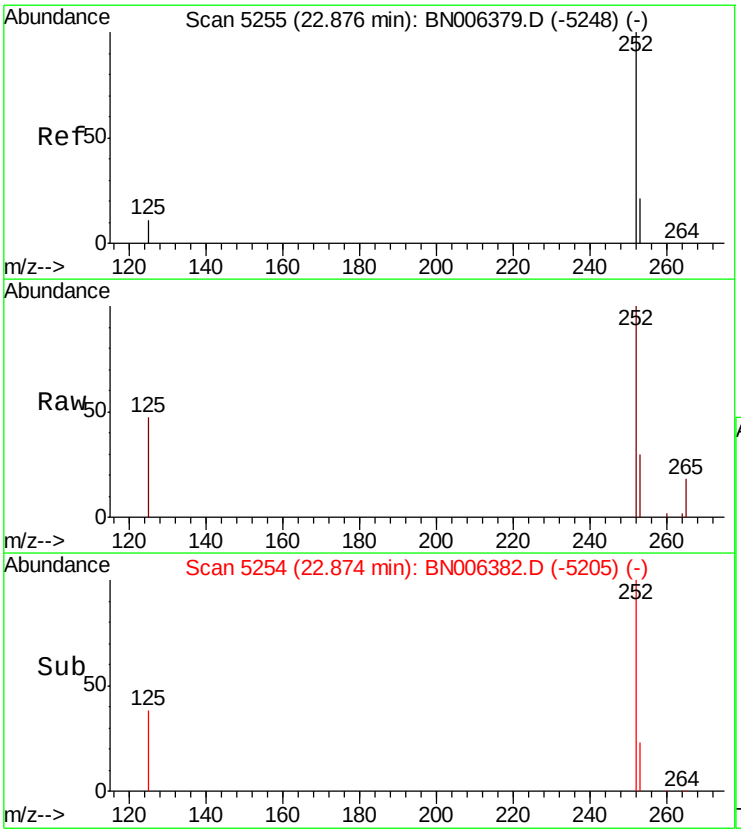
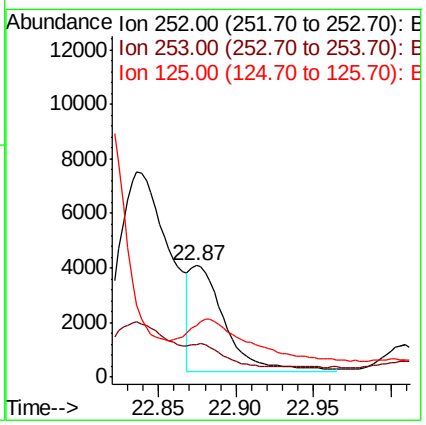
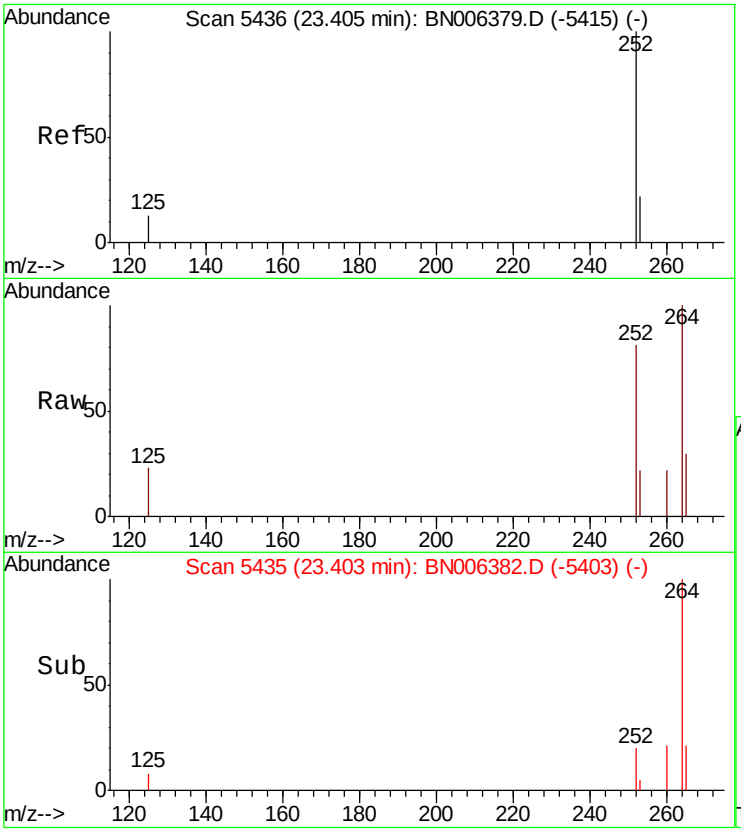


#22
Benzo(k)fluoranthene
Concen: 0.088 ng/ul m
RT: 22.87 min Scan# 5254
Delta R.T. -0.01 min
Lab File: BN006382.D
Acq: 18 Jun 2019 18:25

Tgt Ion:252 Resp: 6062

Ion	Ratio	Lower	Upper
252	100		
253	29.5	20.3	30.5
125	46.8	14.3	21.5#





#23
Benzo(a)pyrene
Concen: 0.167 ng/ul
RT: 23.40 min Scan# 5435
Delta R.T. -0.01 min
Lab File: BN006382.D
Acq: 18 Jun 2019 18:25

Tgt Ion:252 Resp: 10976

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.1	31.7
125	28.2	20.3	30.5

Instrument :
BNA_N
ClientSampleId :
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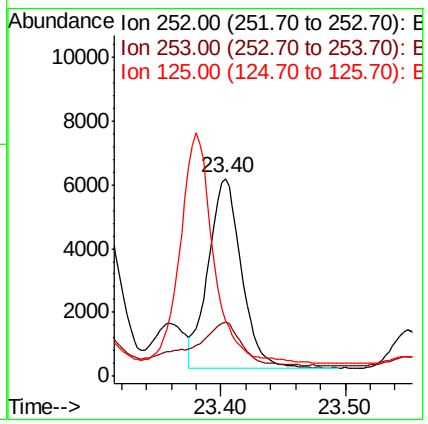
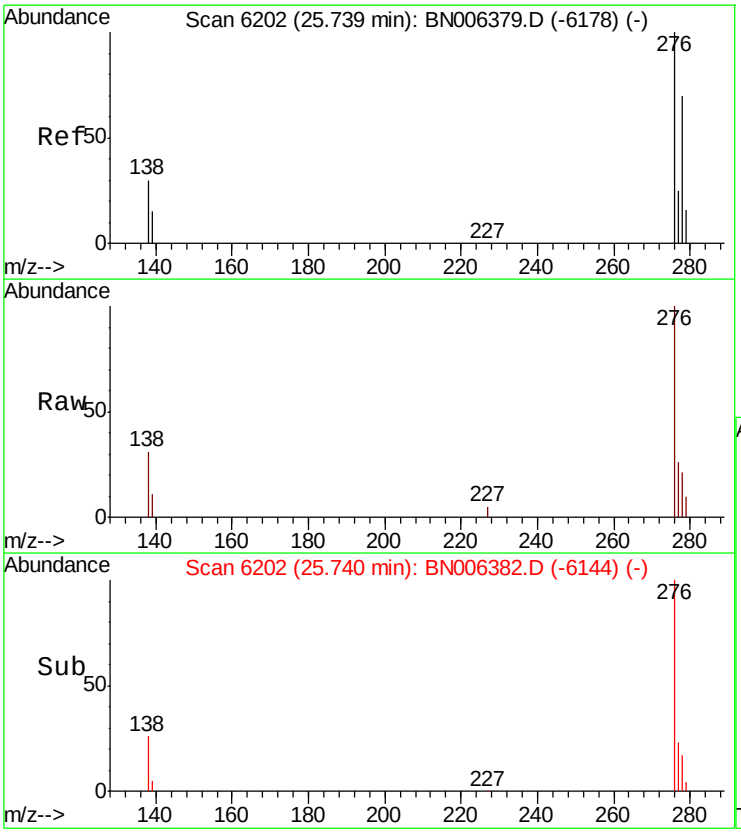
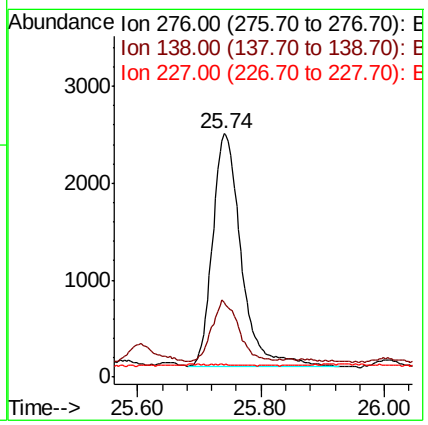


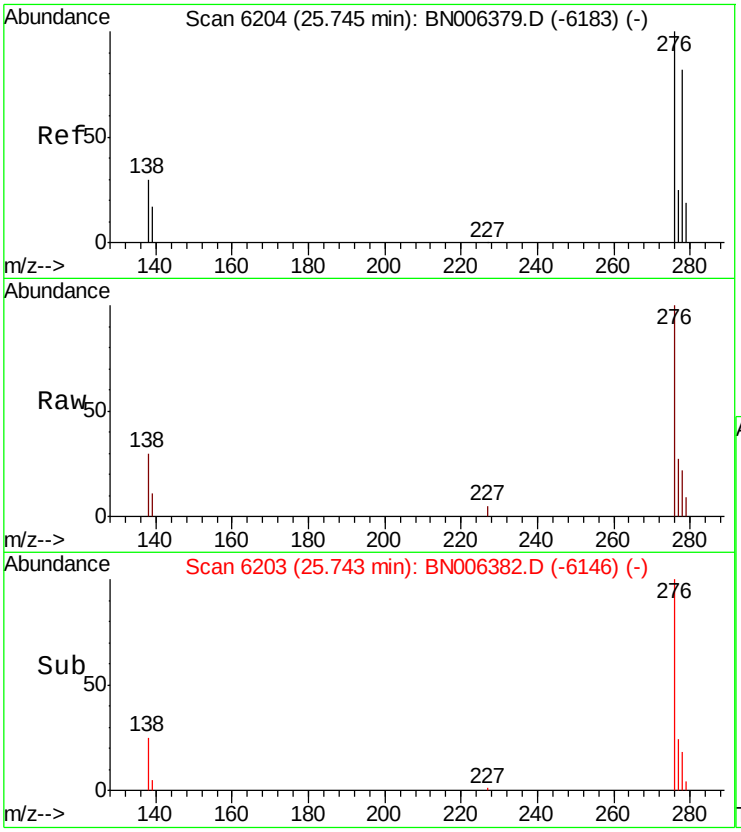


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng/ul
RT: 25.74 min Scan# 6202
Delta R.T. -0.00 min
Lab File: BN006382.D
Acq: 18 Jun 2019 18:25

Tgt Ion:276 Resp: 7762

Ion	Ratio	Lower	Upper
276	100		
138	24.0	25.6	38.4#
227	0.0	0.3	0.5#





#25
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 25.74 min Scan# 6203
Delta R.T. -0.01 min
Lab File: BN006382.D
Acq: 18 Jun 2019 18:25

Tgt Ion:278 Resp: 1703

Ion	Ratio	Lower	Upper
278	100		
139	49.5	21.2	31.8#
279	42.9	22.6	33.8#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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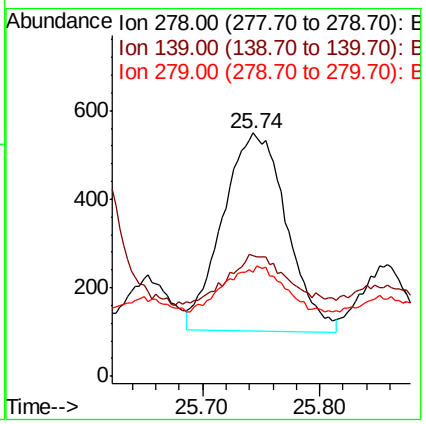

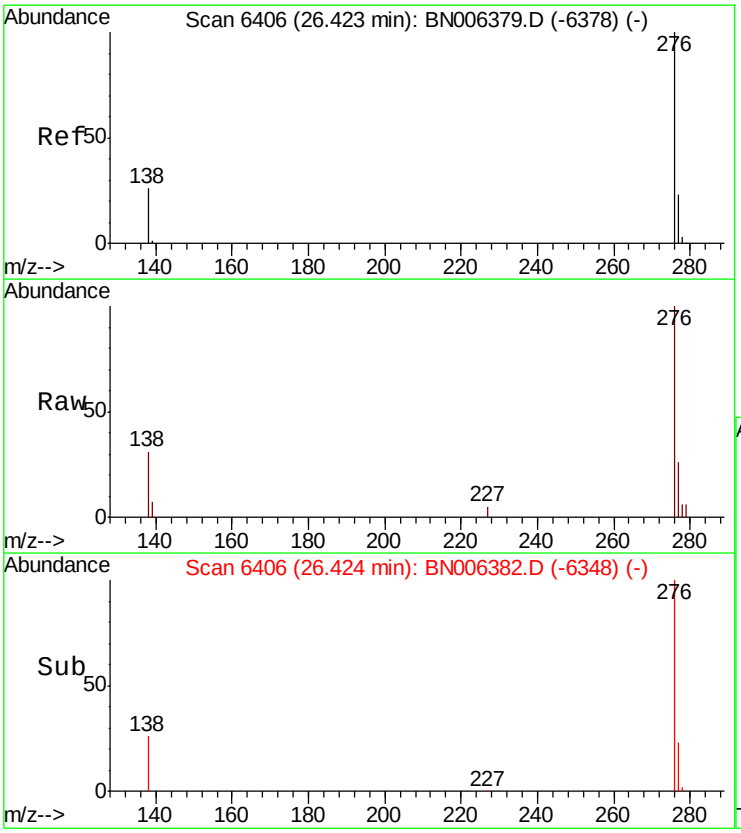

#26
Benzo(g,h,i)perylene
Concen: 0.131 ng/ul
RT: 26.42 min Scan# 6406
Delta R.T. -0.01 min
Lab File: BN006382.D
Acq: 18 Jun 2019 18:25

Tgt Ion:276 Resp: 7816

Ion	Ratio	Lower	Upper
276	100		
138	30.7	24.2	36.4
277	26.0	21.5	32.3