Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006346.D
Acq On : 17 Jun 2019 14:07
Operator : JU/SJ
Sample : K3332-09DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W1DL

Manual Integrations APPROVED
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6/20/2019 10:50:59 AM

Quant Time: Jun 18 02:06:23 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	4224	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17121	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8920	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15645	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	9251	0.40	ng/ul	0.01
20) Perylene-d12	23.52	264	12852	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	924	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1919	0.05	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.09	178	11635	0.232	ng/ul	99
13) Anthracene	17.18	178	2017	0.042	ng/ul#	87
15) Fluoranthene	19.12	202	24724	0.446	ng/ul	97
17) Pyrene	19.49	202	21007	0.431	ng/ul	99
18) Benzo(a)anthracene	21.26	228	7521	0.184	ng/ul	99
19) Chrysene	21.31	228	8904	0.232	ng/ul	99
21) Benzo(b)fluoranthene	22.85	252	10629m	0.198	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	4278m	0.082	ng/ul	
23) Benzo(a)pyrene	23.42	252	6734	0.135	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.77	276	4954	0.092	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.77	278	1185	0.027	ng/ul#	60
26) Benzo(g,h,i)perylene	26.45	276	4226	0.093	ng/ul	96

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

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Instrument :
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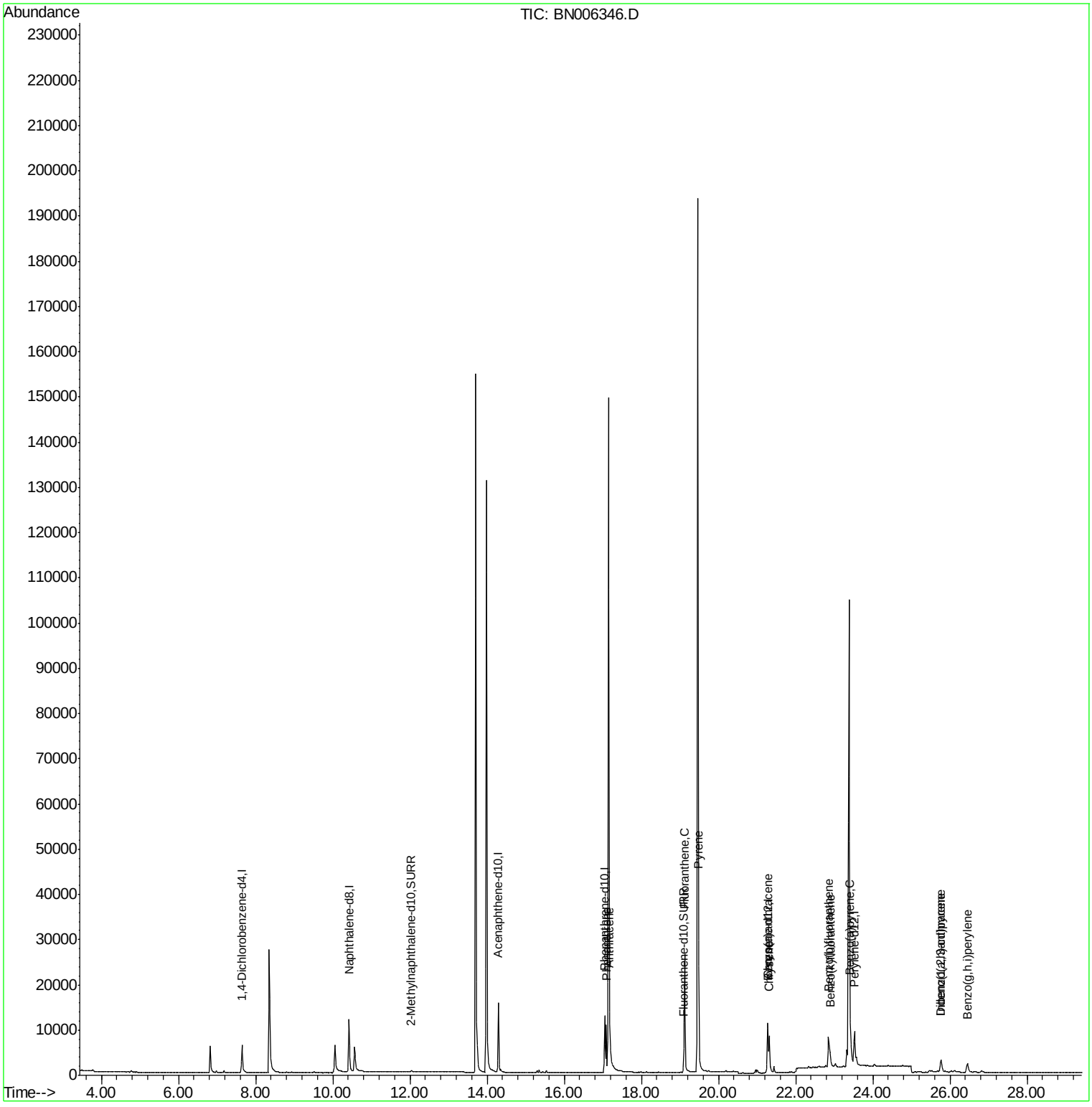
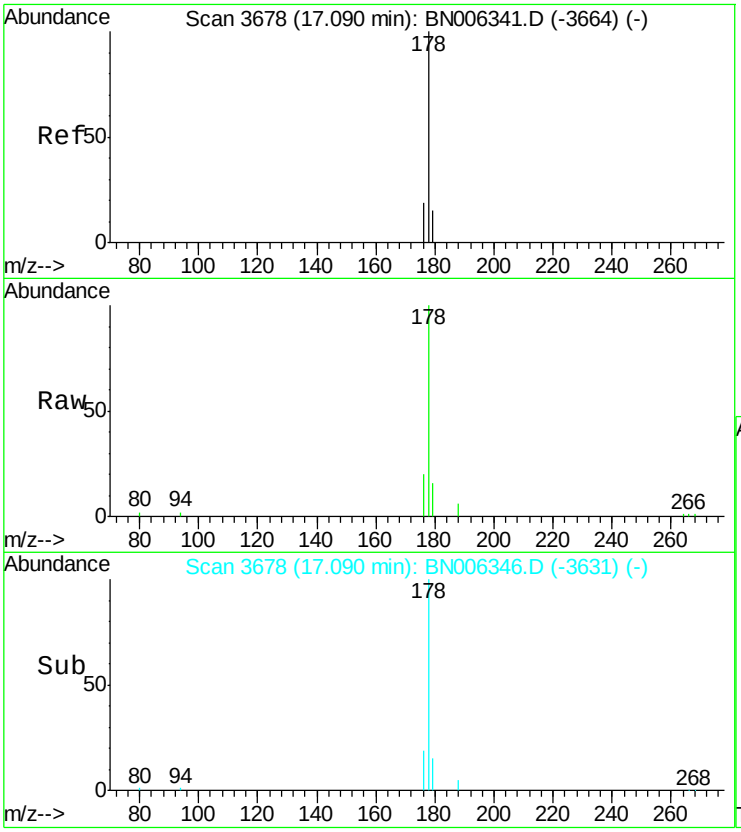
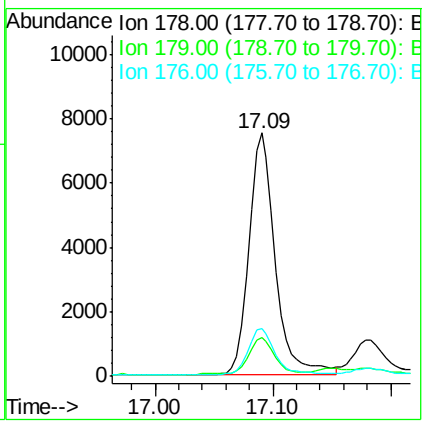




#12
Phenanthrene
Concen: 0.232 ng/ul
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006346.D
Acq: 17 Jun 2019 14:07

Tgt Ion:178 Resp: 11635

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.7	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A41W1DL

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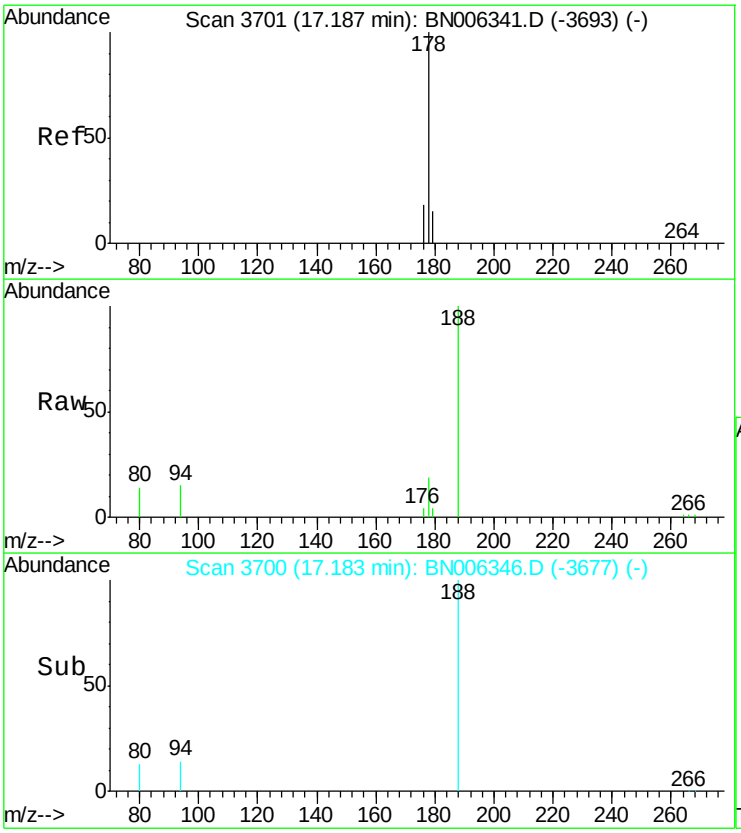
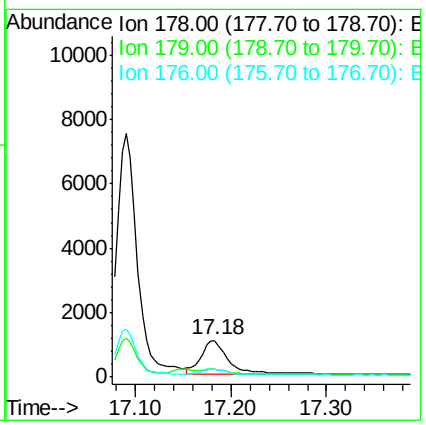
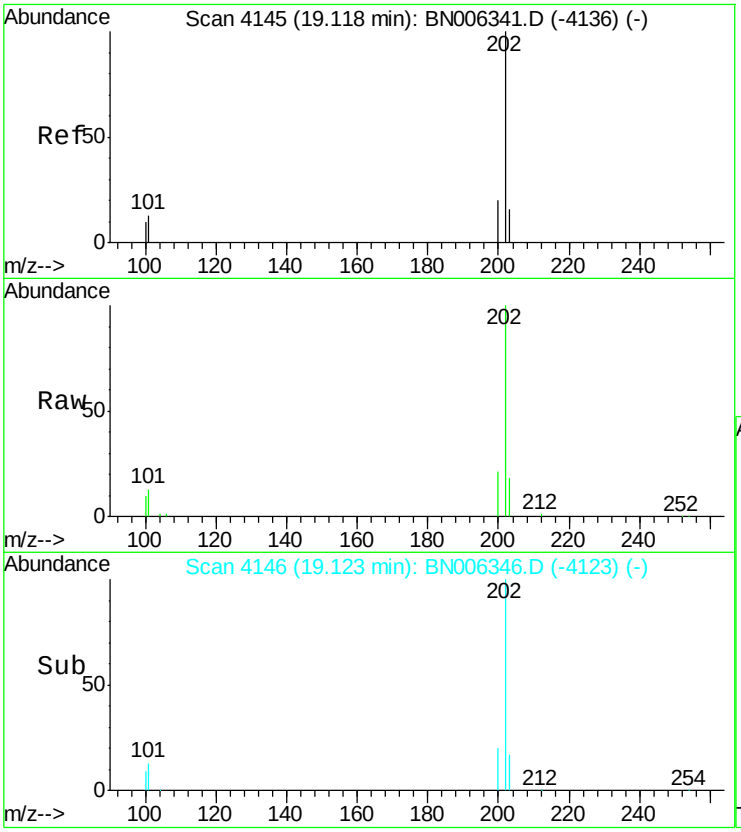


#13
Anthracene
Concen: 0.042 ng/ul
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006346.D
Acq: 17 Jun 2019 14:07

Tgt Ion:178 Resp: 2017

Ion	Ratio	Lower	Upper
178	100		
179	22.6	12.2	18.4#
176	23.5	15.1	22.7#

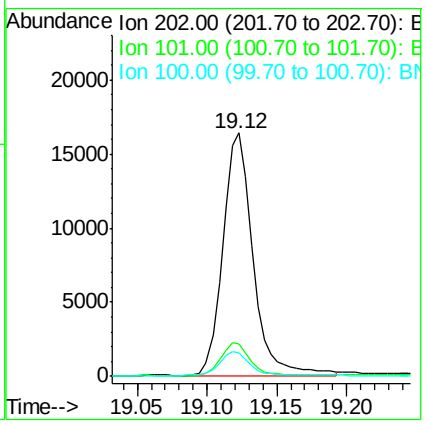




#15
Fluoranthene
Concen: 0.446 ng/ul
RT: 19.12 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN006346.D
Acq: 17 Jun 2019 14:07

Tgt Ion:202 Resp: 24724

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.1
100	9.6	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
A41W1DL

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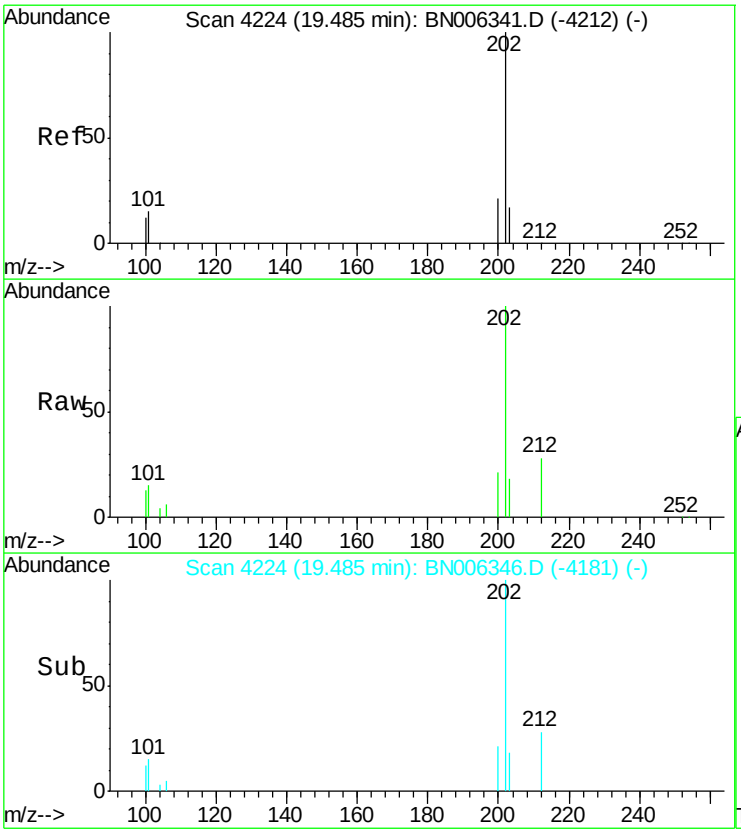
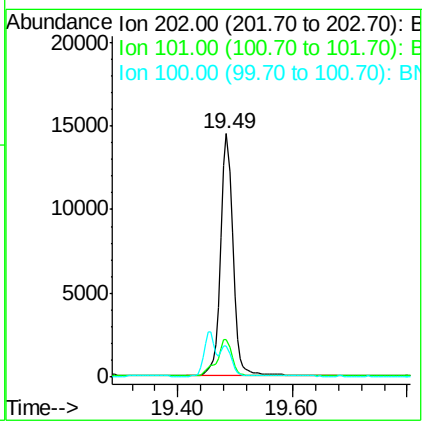
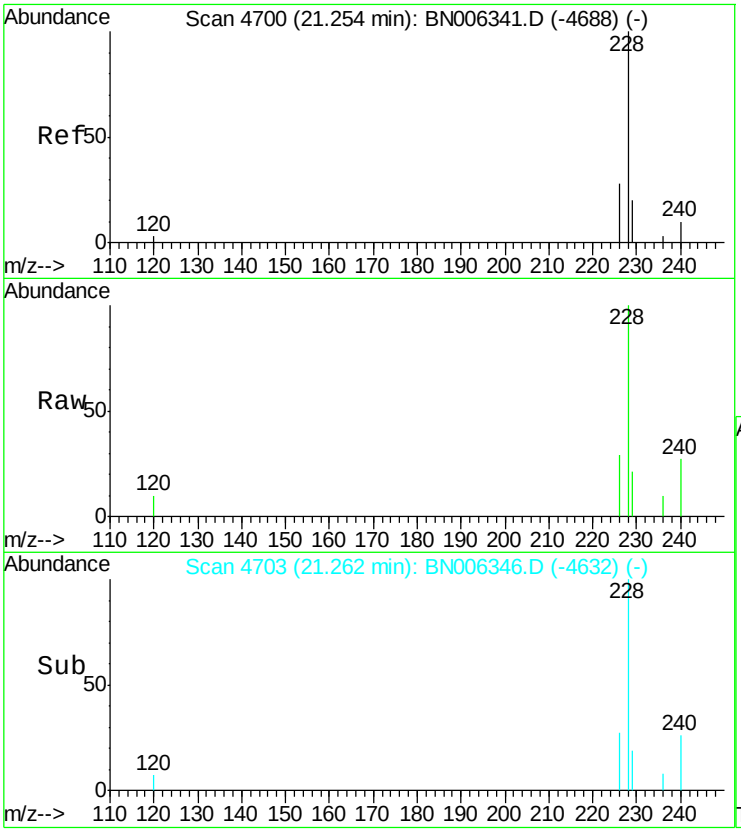


#17
Pyrene
Concen: 0.431 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006346.D
Acq: 17 Jun 2019 14:07

Tgt Ion:202 Resp: 21007

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.2
100	12.6	9.8	14.6

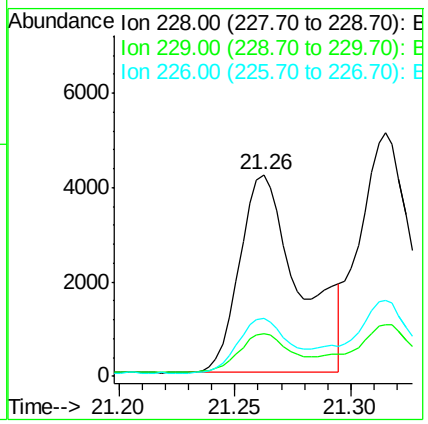




#18
Benzo(a)anthracene
Concen: 0.184 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. 0.01 min
Lab File: BN006346.D
Acq: 17 Jun 2019 14:07

Tgt Ion:228 Resp: 7521

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.5	24.7
226	28.8	22.8	34.2



Instrument :
BNA_N
ClientSampleId :
A41W1DL

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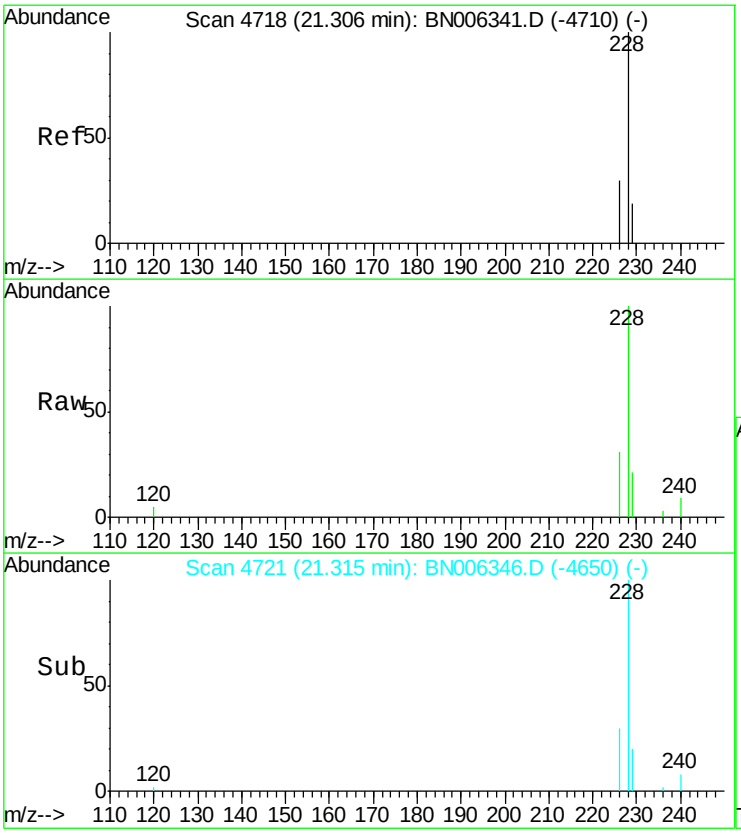
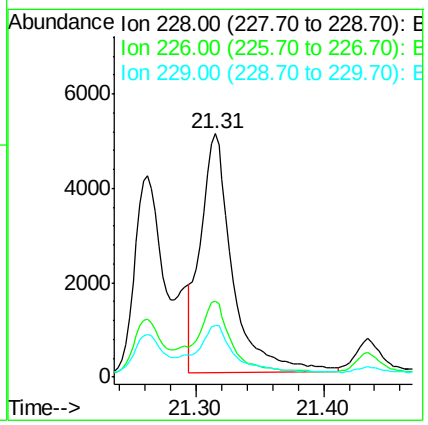
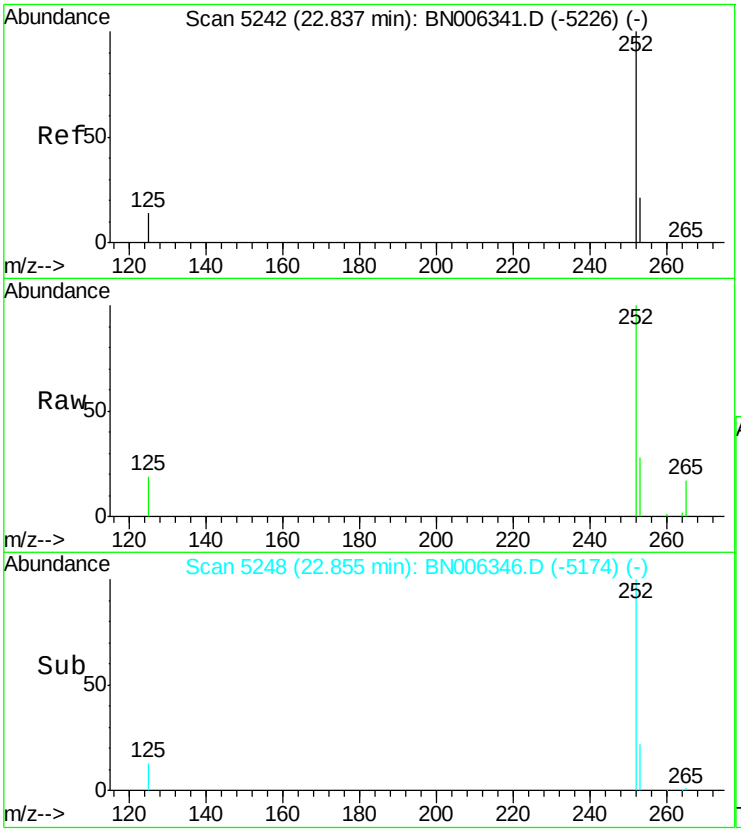


#19
Chrysene
Concen: 0.232 ng/ul
RT: 21.31 min Scan# 4721
Delta R.T. 0.01 min
Lab File: BN006346.D
Acq: 17 Jun 2019 14:07

Tgt Ion:228 Resp: 8904

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	21.4	16.3	24.5

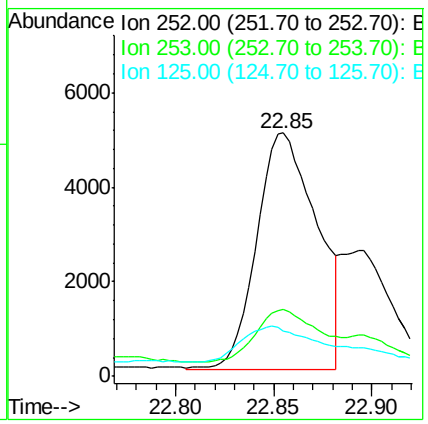




#21
Benzo(b)fluoranthene
Concen: 0.198 ng/ul m
RT: 22.85 min Scan# 5248
Delta R.T. 0.02 min
Lab File: BN006346.D
Acq: 17 Jun 2019 14:07

Tgt Ion:252 Resp: 10629

Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	51.4
125	18.7	0.0	41.0



Instrument :
BNA_N
ClientSampleId :
A41W1DL

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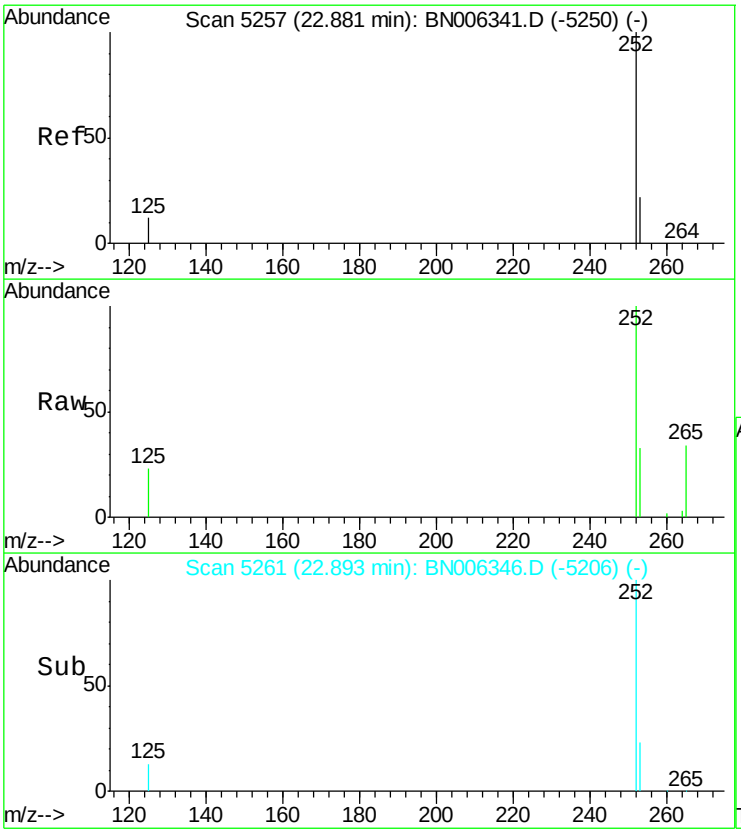
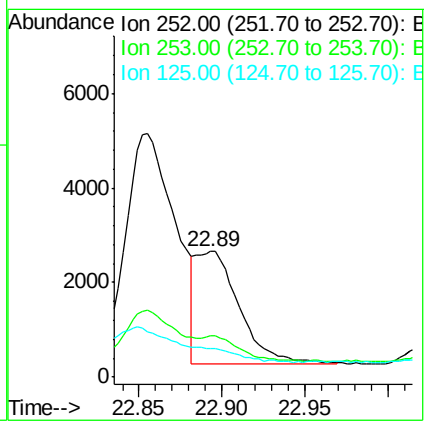
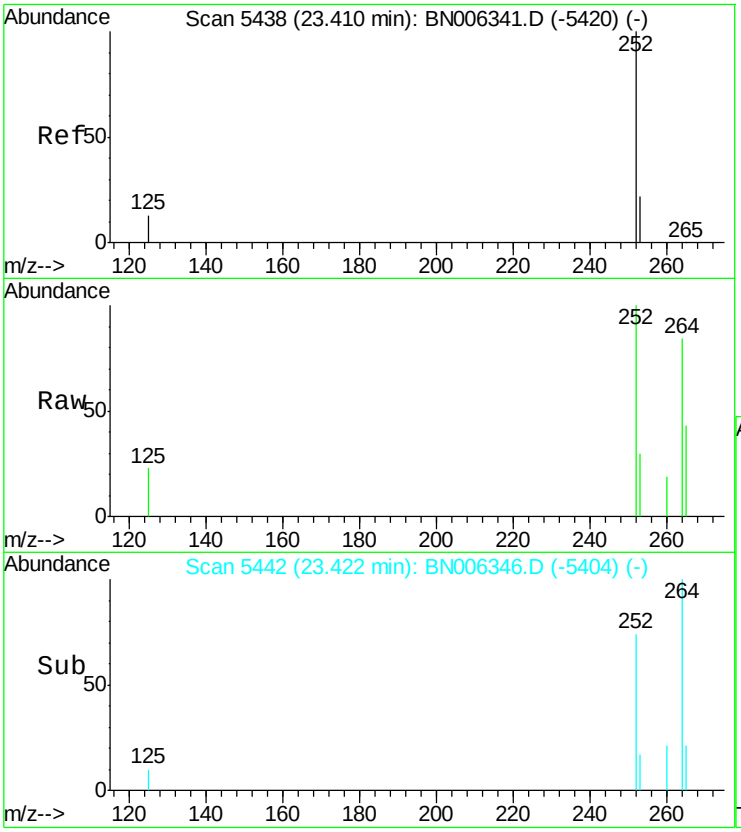


#22
Benzo(k)fluoranthene
Concen: 0.082 ng/ul m
RT: 22.89 min Scan# 5261
Delta R.T. 0.01 min
Lab File: BN006346.D
Acq: 17 Jun 2019 14:07

Tgt Ion:252 Resp: 4278

Ion	Ratio	Lower	Upper
252	100		
253	32.6	20.3	30.5#
125	23.1	14.3	21.5#

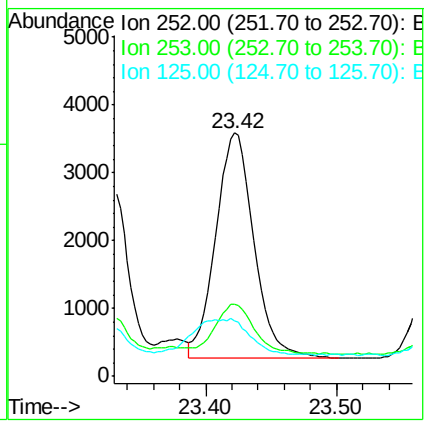




#23
Benzo(a)pyrene
Concen: 0.135 ng/ul
RT: 23.42 min Scan# 5442
Delta R.T. 0.01 min
Lab File: BN006346.D
Acq: 17 Jun 2019 14:07

Tgt Ion:252 Resp: 6734

Ion	Ratio	Lower	Upper
252	100		
253	29.7	21.1	31.7
125	22.9	20.3	30.5



Instrument :
BNA_N
ClientSampleId :
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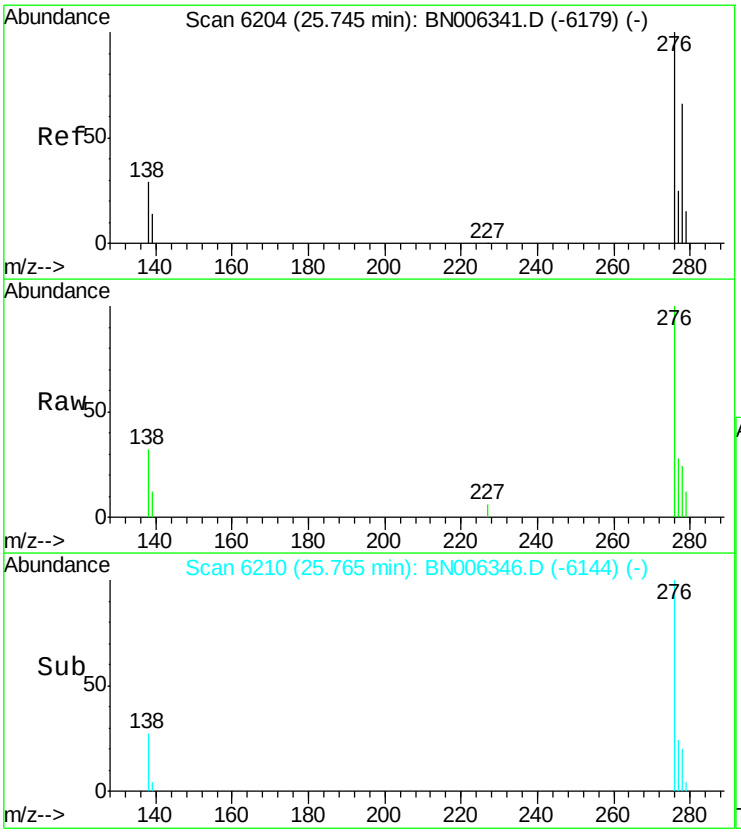
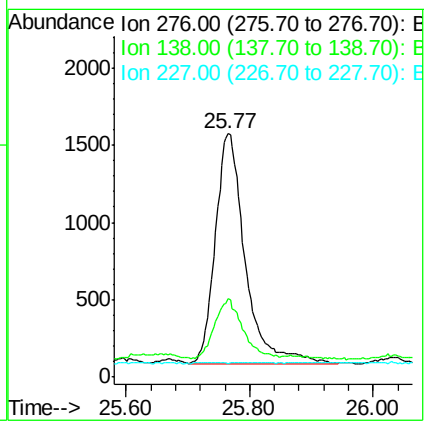
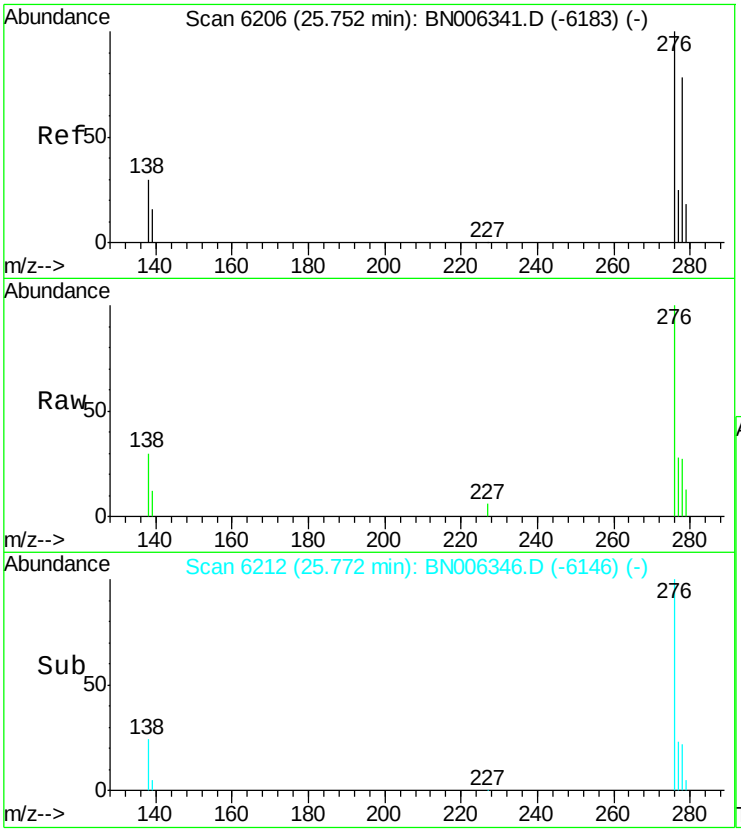


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng/ul
RT: 25.77 min Scan# 6210
Delta R.T. 0.02 min
Lab File: BN006346.D
Acq: 17 Jun 2019 14:07

Tgt Ion:276 Resp: 4954

Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.6	38.4#
227	0.1	0.3	0.5#





#25
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 25.77 min Scan# 6212
Delta R.T. 0.02 min
Lab File: BN006346.D
Acq: 17 Jun 2019 14:07

Tgt Ion:278 Resp: 1185

Ion	Ratio	Lower	Upper
278	100		
139	46.7	21.2	31.8#
279	49.7	22.6	33.8#

Instrument :
BNA_N
ClientSampleId :
A41W1DL

Manual Integrations APPROVED
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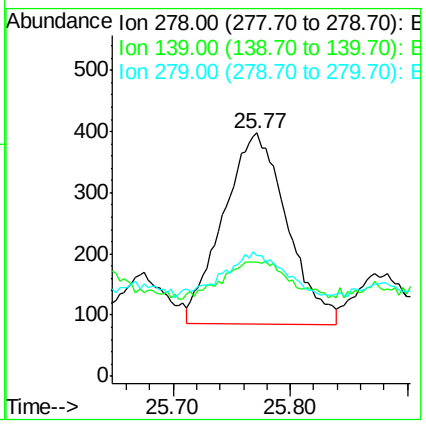
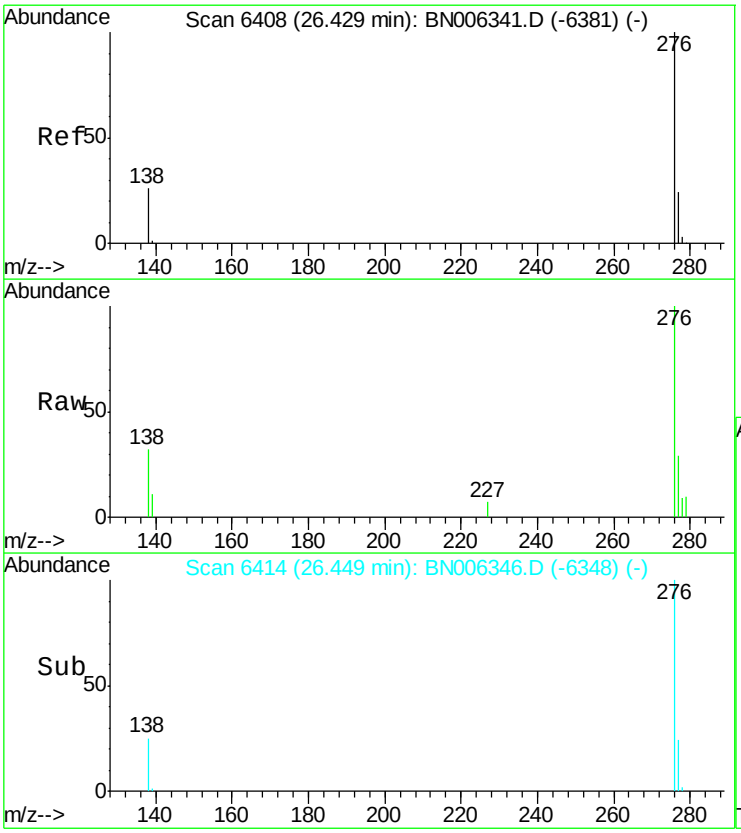
6/20/2019 10:50:59 AM





#26
Benzo(g,h,i)perylene
Concen: 0.093 ng/ul
RT: 26.45 min Scan# 6414
Delta R.T. 0.02 min
Lab File: BN006346.D
Acq: 17 Jun 2019 14:07

Tgt Ion:276 Resp: 4226

Ion	Ratio	Lower	Upper
276	100		
138	32.4	24.2	36.4
277	28.5	21.5	32.3