Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006514.D
Acq On : 23 Jun 2019 07:19
Operator : HP/JU
Sample : K3360-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:09:17 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

Instrument :
BNA_N
ClientSampleId :
A41Z2

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5304	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	20329	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	10747	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	21638m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	12676m	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	11062m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	6538	0.21	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	13272m	0.23	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.46	128	2141	0.038	ng/ul#	87
7) Acenaphthylene	14.00	152	7421	0.124	ng/ul	97
12) Phenanthrene	17.08	178	24354m	0.351	ng/ul	
13) Anthracene	17.17	178	6724m	0.101	ng/ul	
15) Fluoranthene	19.10	202	120207m	1.567	ng/ul	
17) Pyrene	19.47	202	102489	1.535	ng/ul	99
18) Benzo(a)anthracene	21.24	228	44720	0.798	ng/ul	99
19) Chrysene	21.29	228	50266	0.955	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	59577m	1.292	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	23936m	0.533	ng/ul	
23) Benzo(a)pyrene	23.38	252	36827m	0.857	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	27422m	0.590	ng/ul	
25) Dibenzo(a,h)anthracene	25.72	278	6599m	0.178	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	22249m	0.571	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
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Acq On : 23 Jun 2019 07:19
Operator : HP/JU
Sample : K3360-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:09:17 2019
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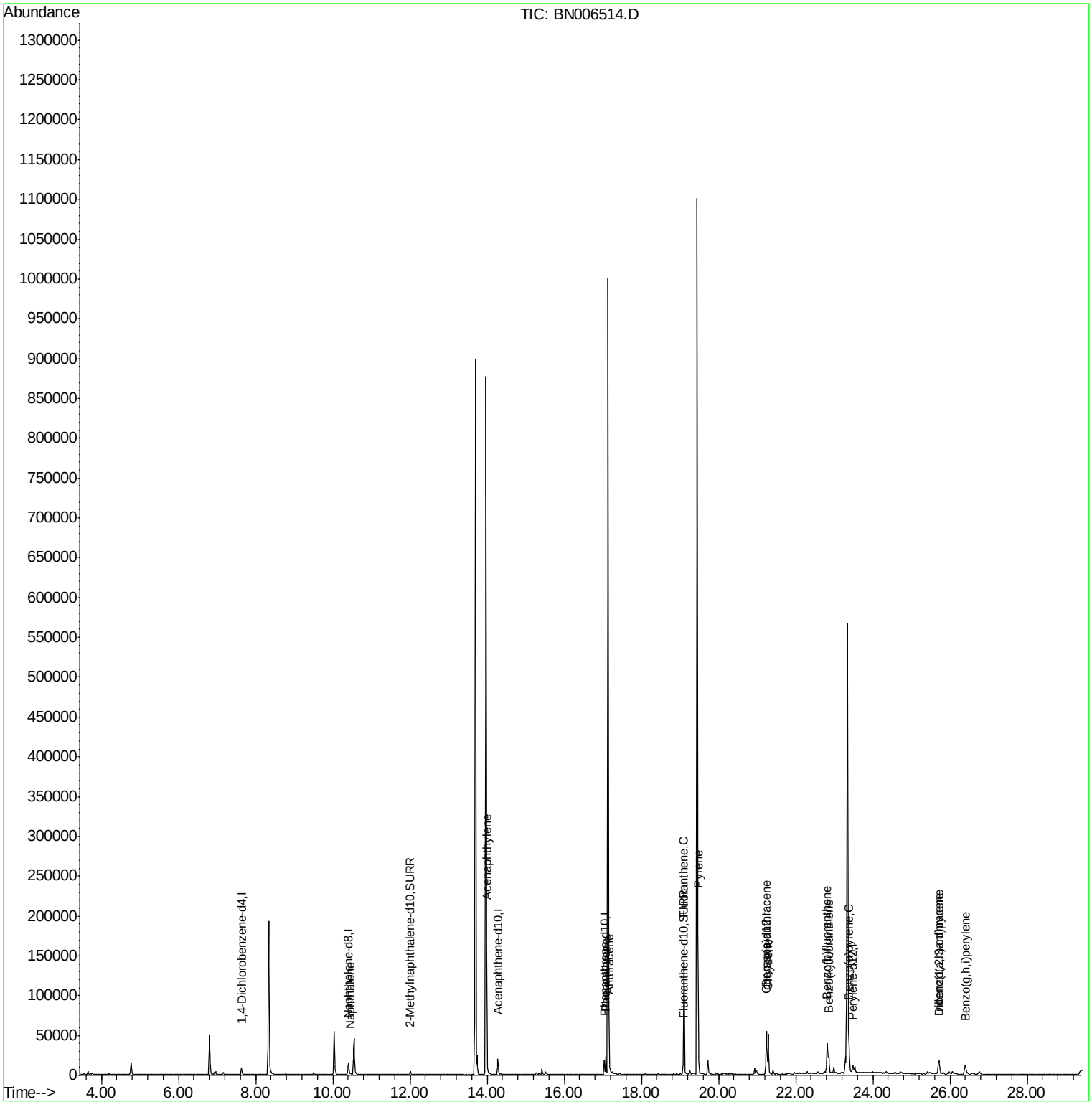
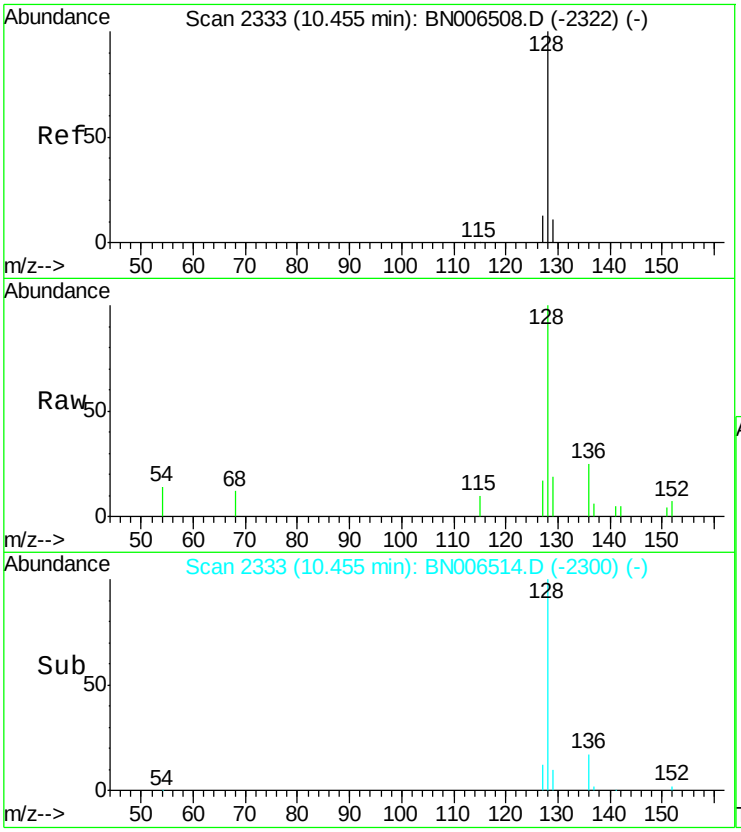
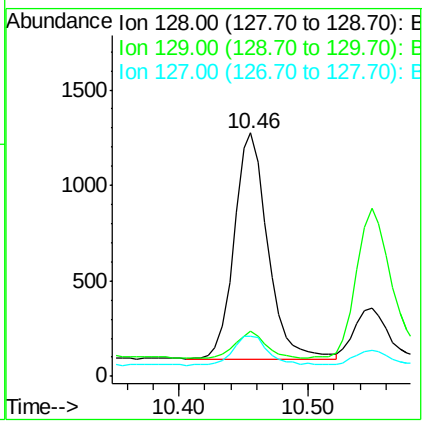




#3
Naphthalene
Concen: 0.038 ng/ul
RT: 10.46 min Scan# 2333
Delta R.T. -0.02 min
Lab File: BN006514.D
Acq: 23 Jun 2019 07:19

Tgt Ion:128 Resp: 2141

Ion	Ratio	Lower	Upper
128	100		
129	18.5	9.3	13.9#
127	16.5	10.7	16.1#



Instrument :
BNA_N
ClientSampleId :
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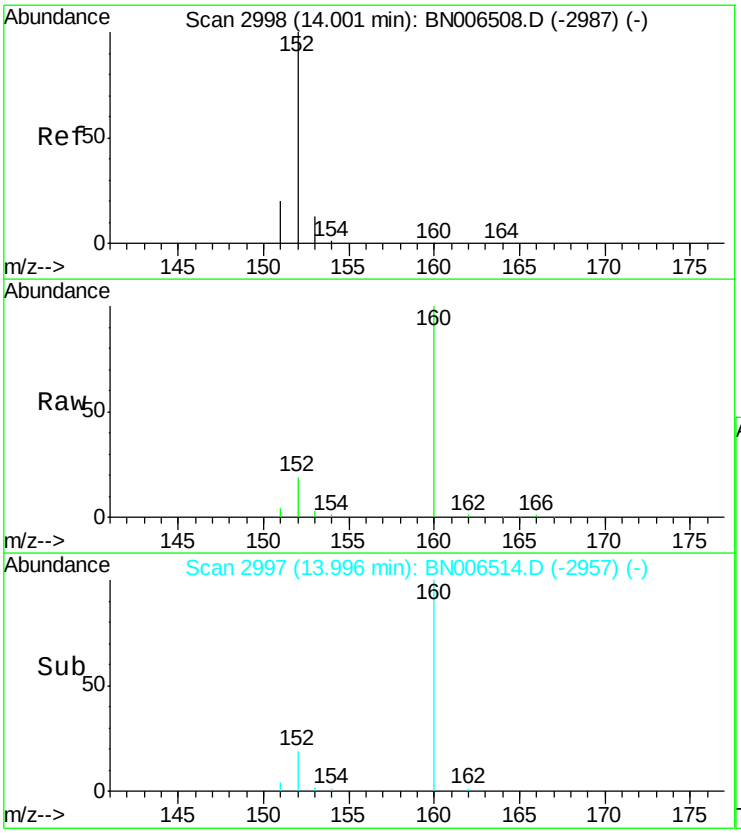
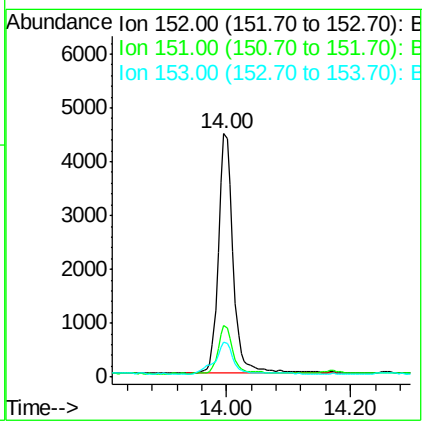
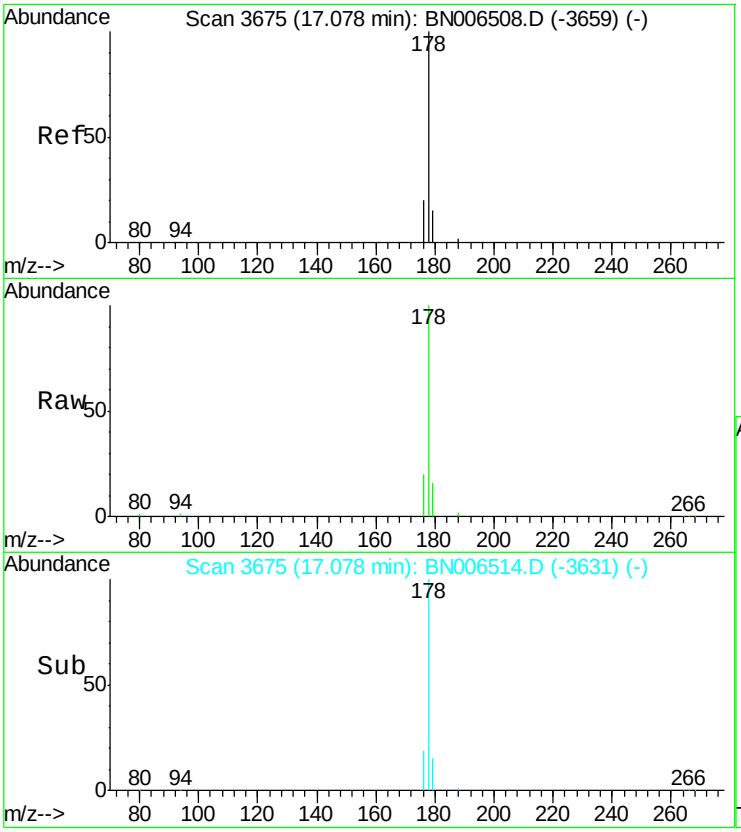


#7
Acenaphthylene
Concen: 0.124 ng/ul
RT: 14.00 min Scan# 2997
Delta R.T. -0.01 min
Lab File: BN006514.D
Acq: 23 Jun 2019 07:19

Tgt Ion:152 Resp: 7421

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.8	23.8
153	14.4	10.8	16.2

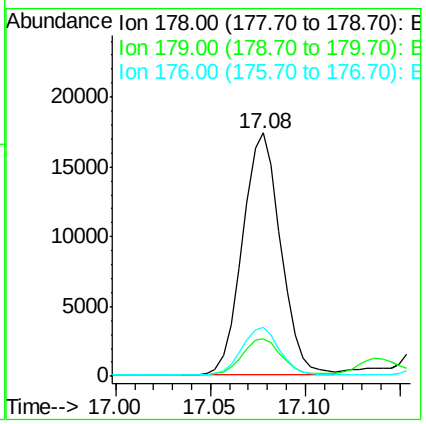




#12
Phenanthrene
Concen: 0.351 ng/ul m
RT: 17.08 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BN006514.D
Acq: 23 Jun 2019 07:19

Tgt Ion:178 Resp: 24354

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.9	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
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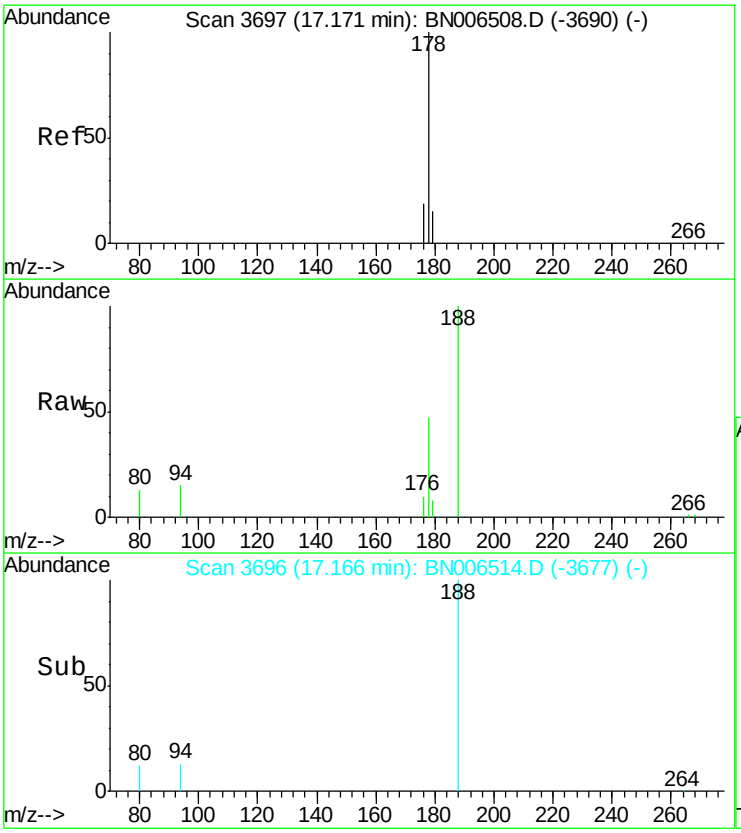
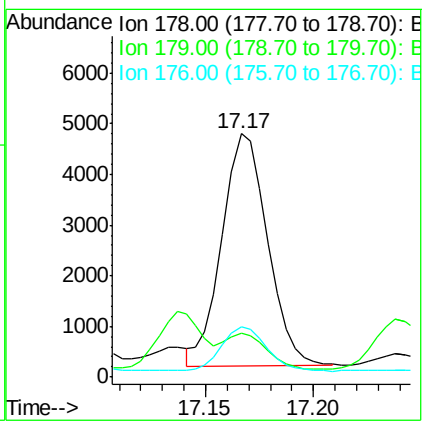
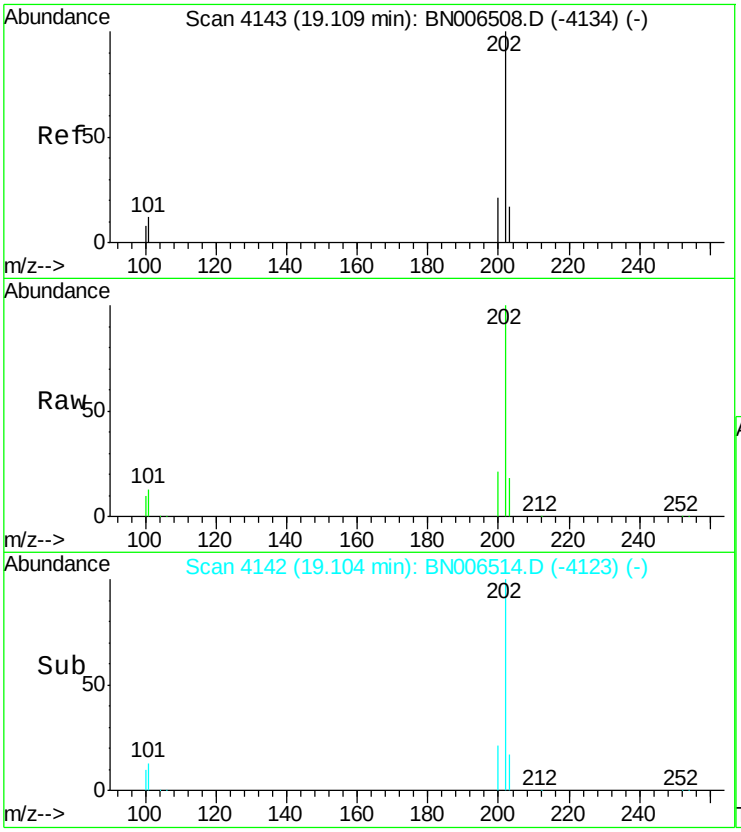


#13
Anthracene
Concen: 0.101 ng/ul m
RT: 17.17 min Scan# 3696
Delta R.T. -0.02 min
Lab File: BN006514.D
Acq: 23 Jun 2019 07:19

Tgt Ion:178 Resp: 6724

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.2	18.4
176	20.9	15.1	22.7

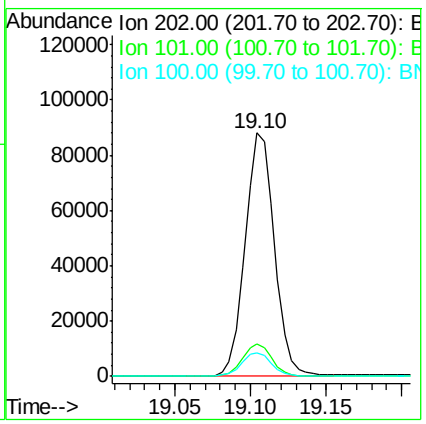




#15
Fluoranthene
Concen: 1.567 ng/ul m
RT: 19.10 min Scan# 4142
Delta R.T. -0.01 min
Lab File: BN006514.D
Acq: 23 Jun 2019 07:19

Tgt Ion:202 Resp: 120207

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.1
100	9.7	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
A41Z2

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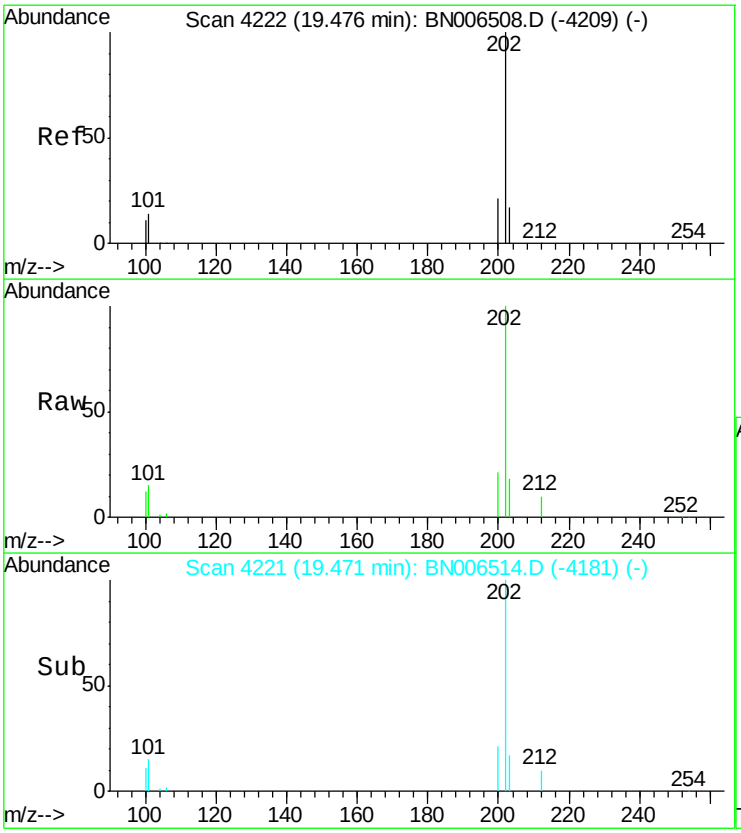
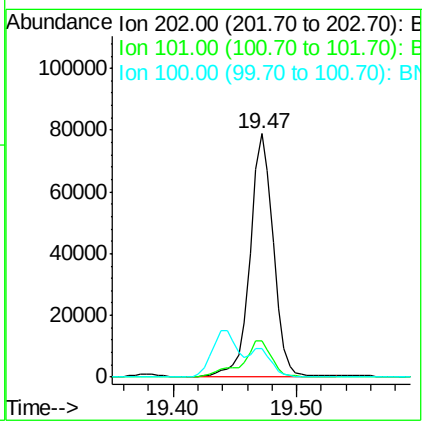
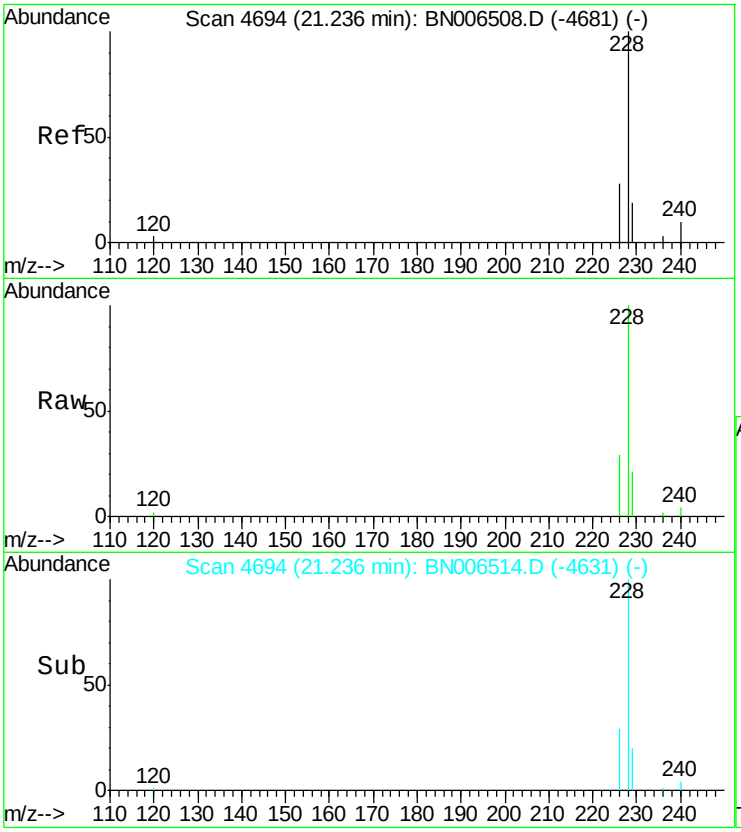


#17
Pyrene
Concen: 1.535 ng/ul
RT: 19.47 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN006514.D
Acq: 23 Jun 2019 07:19

Tgt Ion:202 Resp: 102489

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.2	18.2
100	11.6	9.8	14.6





#18
Benzo(a)anthracene
Concen: 0.798 ng/ul
RT: 21.24 min Scan# 4694
Delta R.T. -0.02 min
Lab File: BN006514.D
Acq: 23 Jun 2019 07:19

Instrument :
BNA_N
ClientSampleId :
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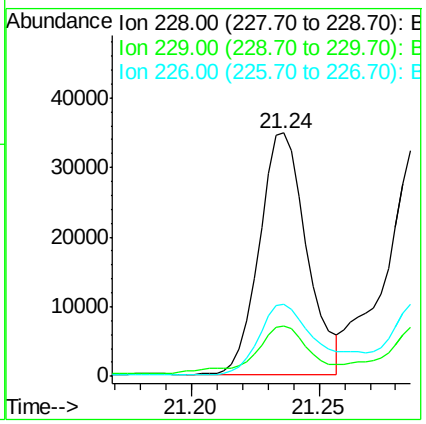
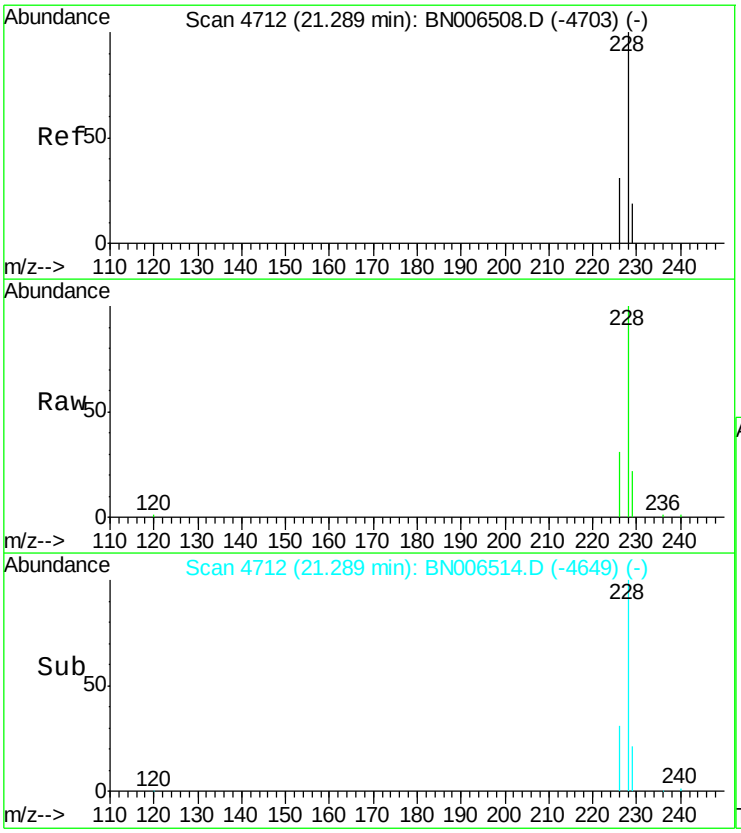
Tgt Ion:228 Resp: 44720

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.5	24.7
226	29.4	22.8	34.2

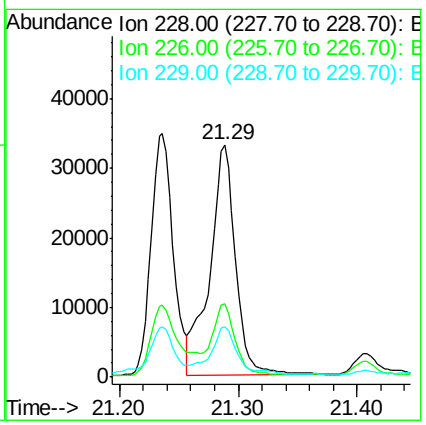


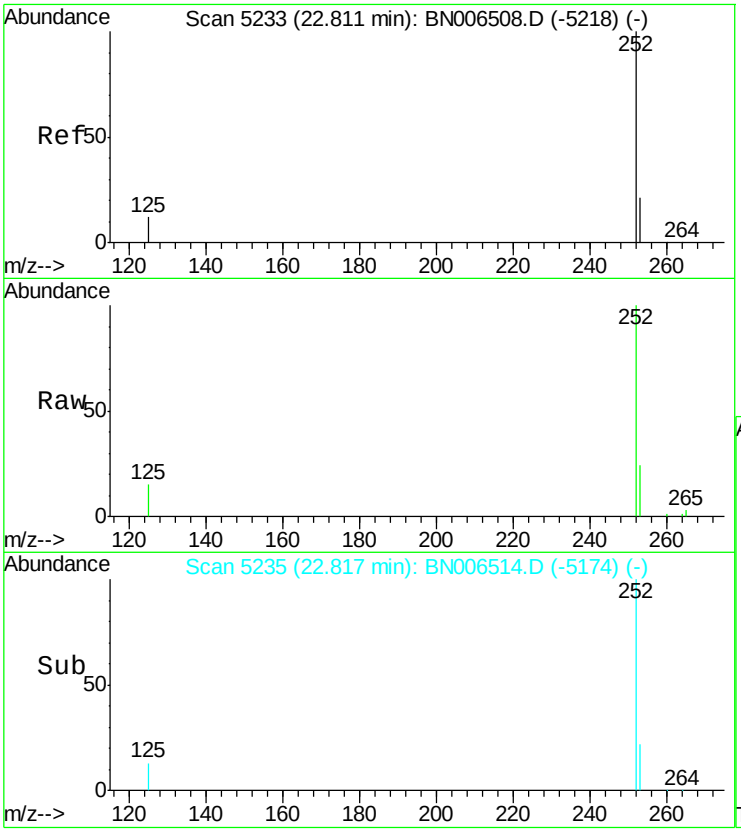


#19
Chrysene
Concen: 0.955 ng/ul
RT: 21.29 min Scan# 4712
Delta R.T. -0.02 min
Lab File: BN006514.D
Acq: 23 Jun 2019 07:19

Tgt Ion:228 Resp: 50266

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	21.8	16.3	24.5

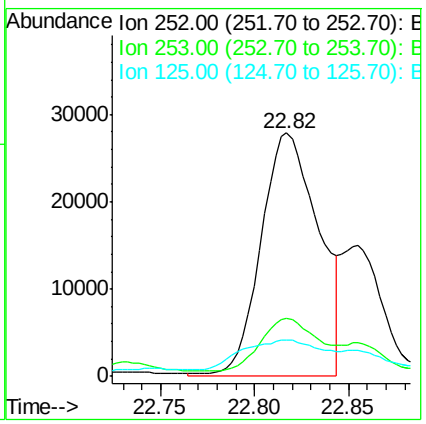




#21
Benzo(b)fluoranthene
Concen: 1.292 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.02 min
Lab File: BN006514.D
Acq: 23 Jun 2019 07:19

Tgt Ion:252 Resp: 59577

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	51.4
125	15.1	0.0	41.0



Instrument :
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ClientSampleId :
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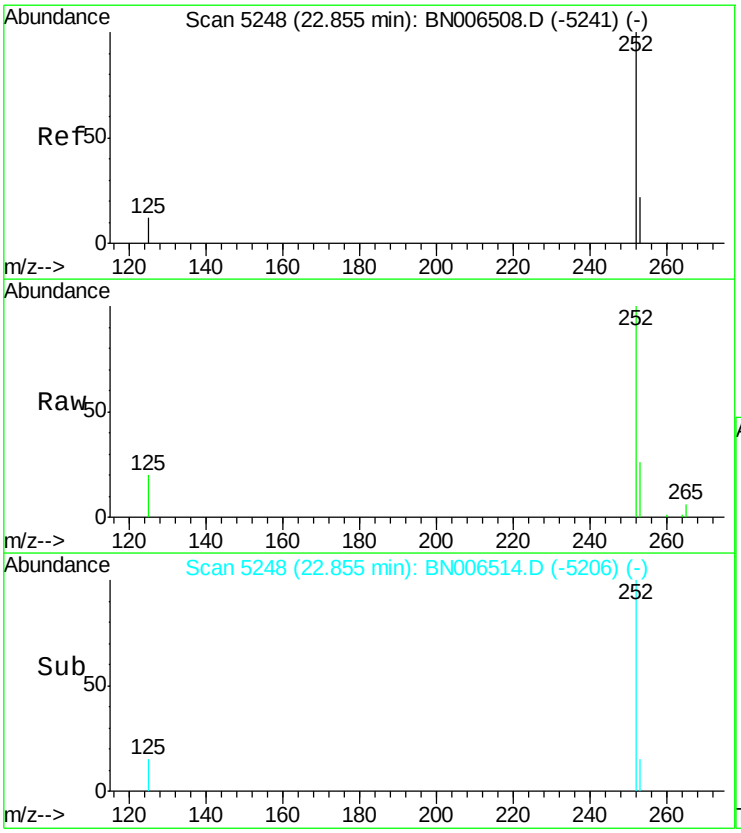
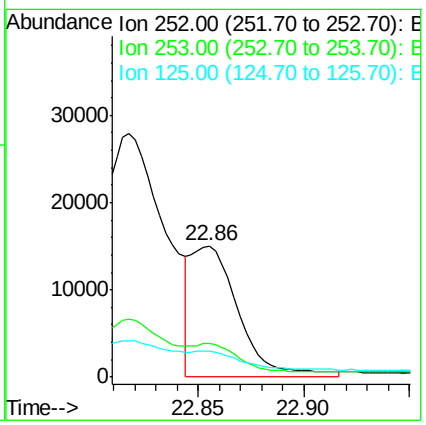
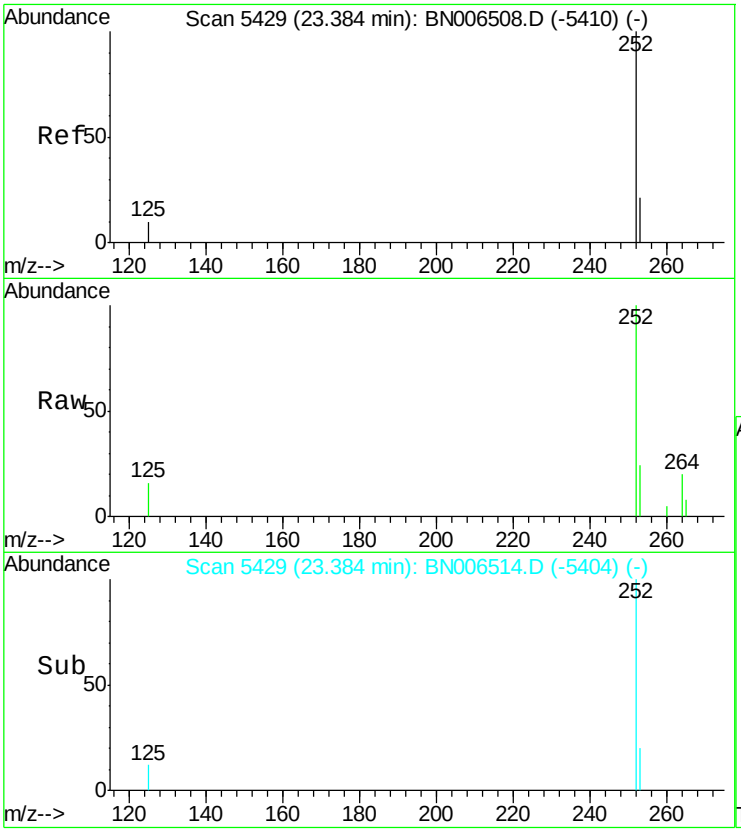


#22
Benzo(k)fluoranthene
Concen: 0.533 ng/ul m
RT: 22.86 min Scan# 5248
Delta R.T. -0.03 min
Lab File: BN006514.D
Acq: 23 Jun 2019 07:19

Tgt Ion:252 Resp: 23936

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.3	30.5
125	19.6	14.3	21.5





#23
Benzo(a)pyrene
Concen: 0.857 ng/ul m
RT: 23.38 min Scan# 5429
Delta R.T. -0.03 min
Lab File: BN006514.D
Acq: 23 Jun 2019 07:19

Tgt Ion:252 Resp: 36827

Ion	Ratio	Lower	Upper
252	100		
253	23.7	21.1	31.7
125	15.7	20.3	30.5#

Instrument :
BNA_N
ClientSampleId :
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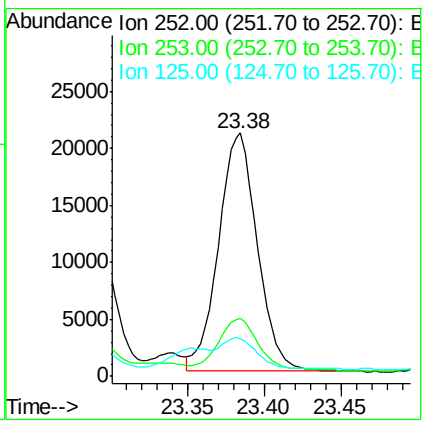
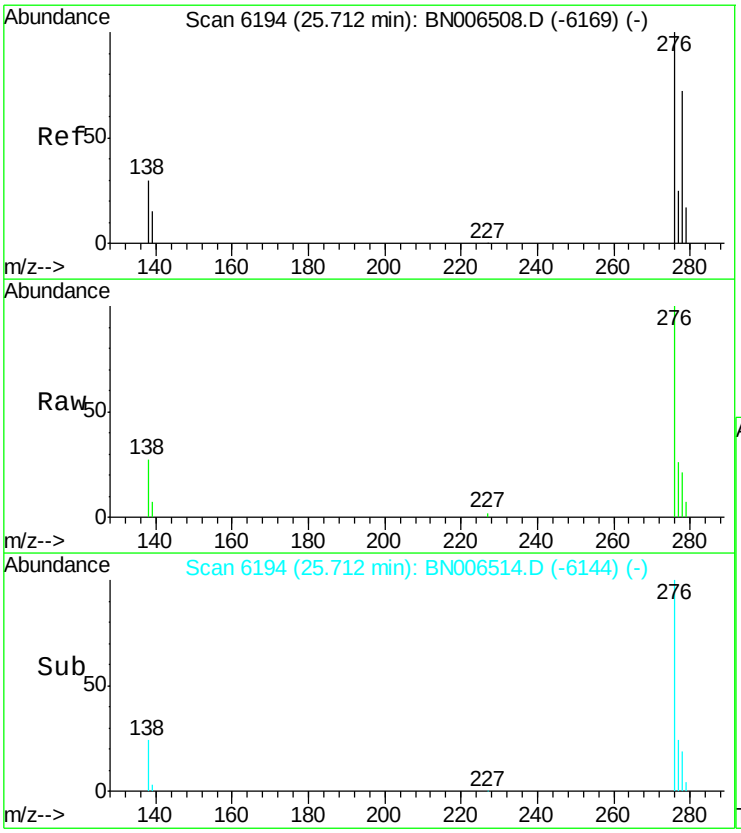
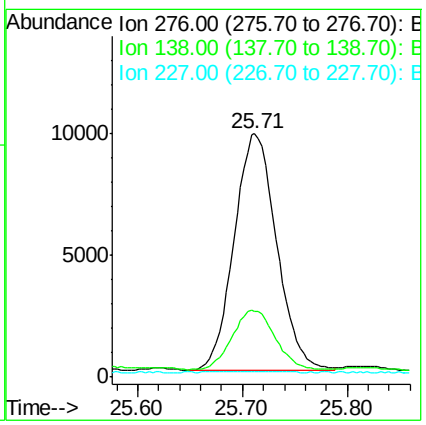


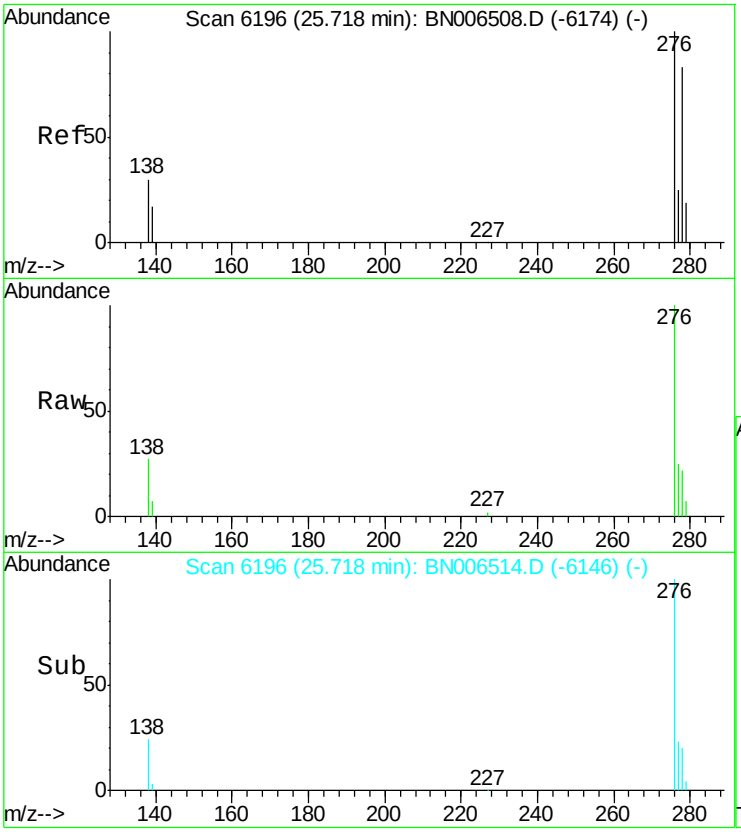


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.590 ng/ul m
RT: 25.71 min Scan# 6194
Delta R.T. -0.03 min
Lab File: BN006514.D
Acq: 23 Jun 2019 07:19

Tgt Ion:276 Resp: 27422

Ion	Ratio	Lower	Upper
276	100		
138	2.0	25.6	38.4#
227	0.1	0.3	0.5#

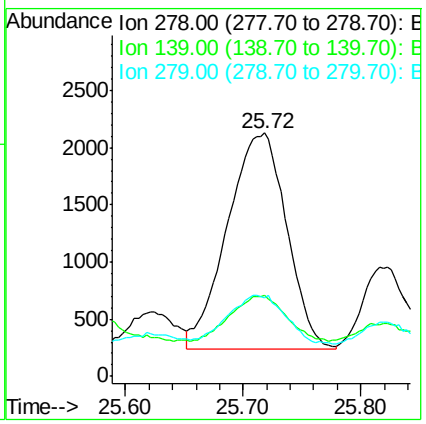




#25
Dibenzo(a,h)anthracene
Concen: 0.178 ng/ul m
RT: 25.72 min Scan# 6196
Delta R.T. -0.03 min
Lab File: BN006514.D
Acq: 23 Jun 2019 07:19

Tgt Ion:278 Resp: 6599

Ion	Ratio	Lower	Upper
278	100		
139	33.3	21.2	31.8#
279	32.5	22.6	33.8



Instrument :
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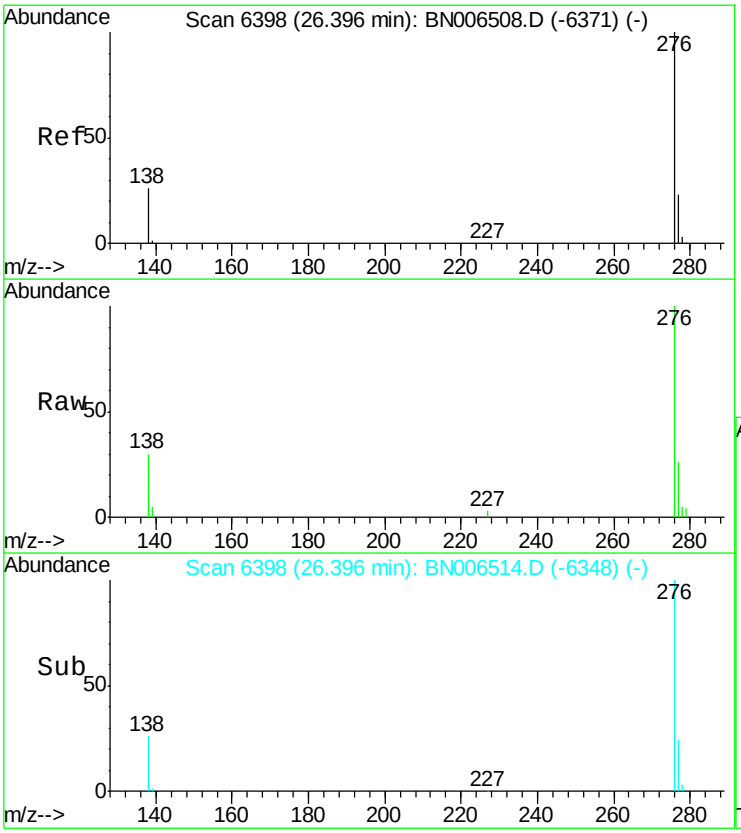

#26
Benzo(g,h,i)perylene
Concen: 0.571 ng/ul m
RT: 26.40 min Scan# 6398
Delta R.T. -0.03 min
Lab File: BN006514.D
Acq: 23 Jun 2019 07:19

Tgt Ion:276 Resp: 22249

Ion	Ratio	Lower	Upper
276	100		
138	29.5	24.2	36.4
277	26.0	21.5	32.3