Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006580.D
Acq On : 25 Jun 2019 20:52
Operator : HP/JU
Sample : K3388-02DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4215DL

Manual Integrations APPROVED
mohammad
6/26/2019 8:12:58 AM

Quant Time: Jun 26 01:22:33 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 : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5430	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	19861	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9399	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	17006	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10035	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	11167m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	996	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	1593	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	3459	0.063	ng/ul#	92
5) 2-Methylnaphthalene	12.08	142	1664	0.044	ng/ul	98
7) Acenaphthylene	14.00	152	13031	0.249	ng/ul	99
8) Acenaphthene	14.34	153	1976	0.055	ng/ul	98
9) Fluorene	15.34	166	2631	0.062	ng/ul#	95
12) Phenanthrene	17.08	178	27169	0.498	ng/ul	99
13) Anthracene	17.17	178	9349	0.179	ng/ul	96
15) Fluoranthene	19.11	202	42399	0.703	ng/ul	98
17) Pyrene	19.48	202	39040	0.739	ng/ul	98
18) Benzo(a)anthracene	21.24	228	18264	0.412	ng/ul	91
19) Chrysene	21.29	228	20783m	0.499	ng/ul	
21) Benzo(b)fluoranthene	22.83	252	43983m	0.945	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	13817m	0.305	ng/ul	
23) Benzo(a)pyrene	23.40	252	34169	0.788	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.72	276	39328	0.838	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.72	278	8210	0.219	ng/ul#	84
26) Benzo(g,h,i)perylene	26.41	276	41640	1.059	ng/ul	96

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

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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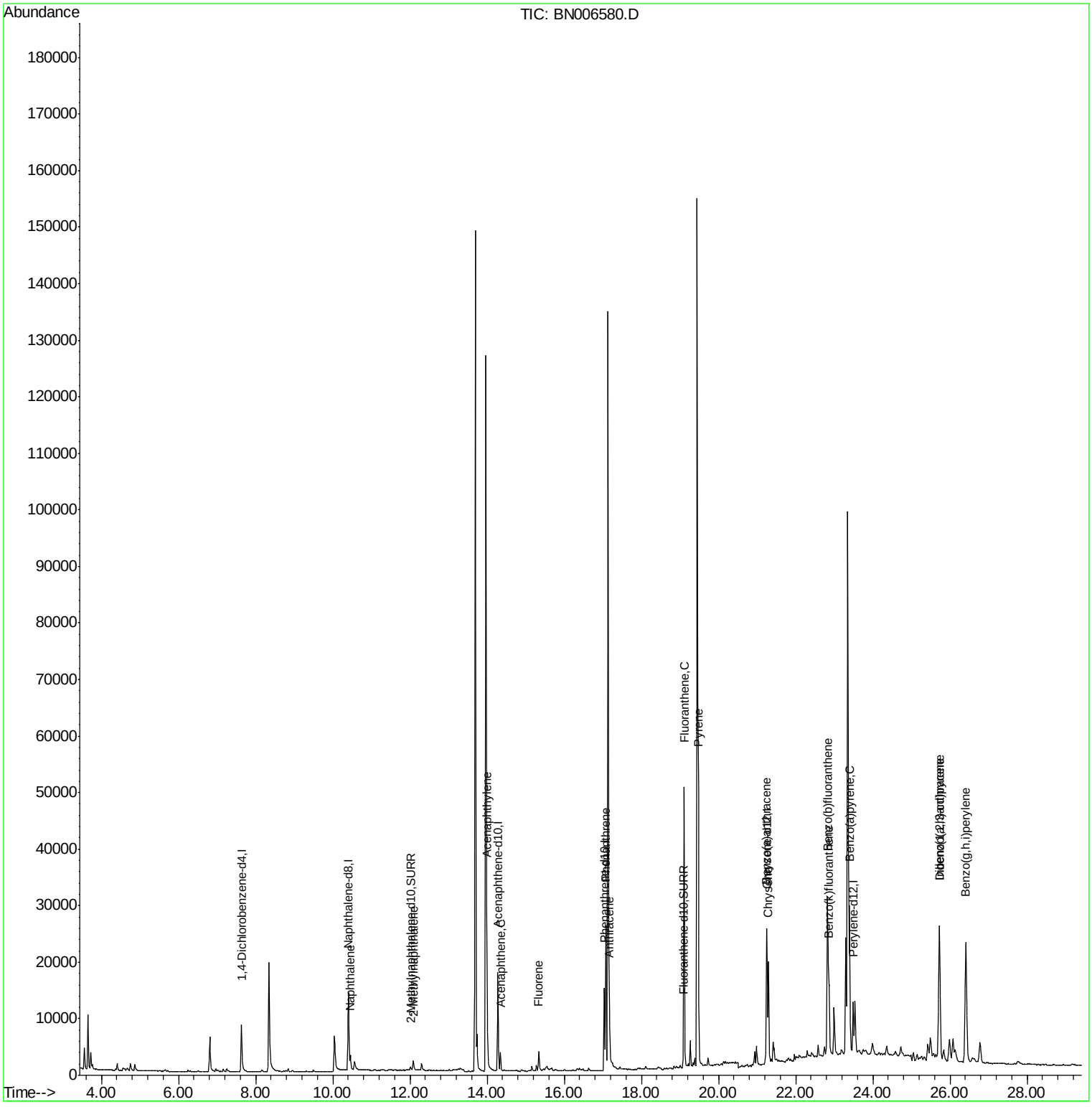

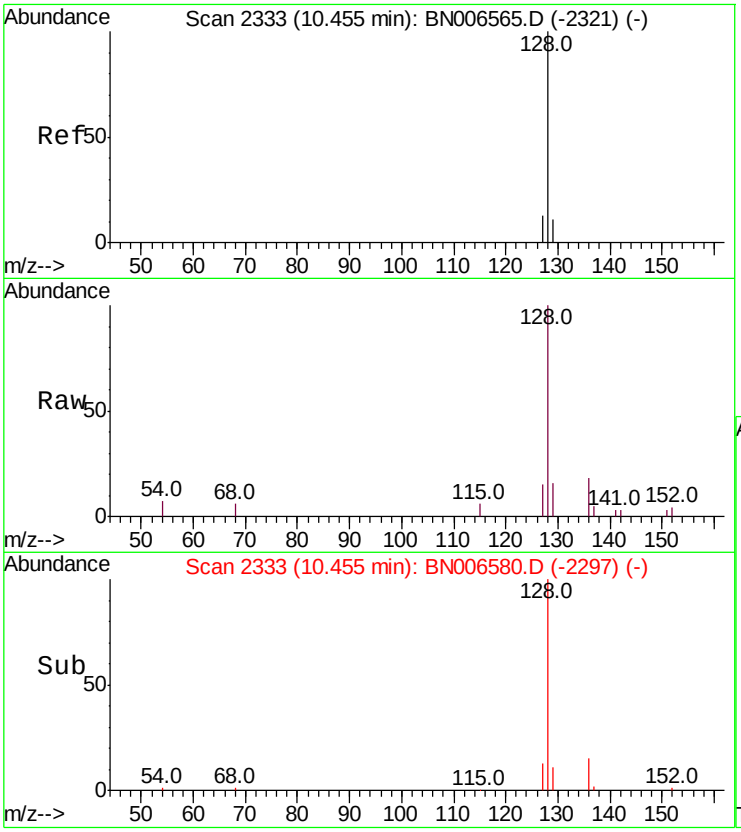

#3
Naphthalene
Concen: 0.063 ng/ul
RT: 10.46 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:128 Resp: 3459

Ion	Ratio	Lower	Upper
128	100		
129	15.6	9.3	13.9#
127	15.5	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
A4215DL

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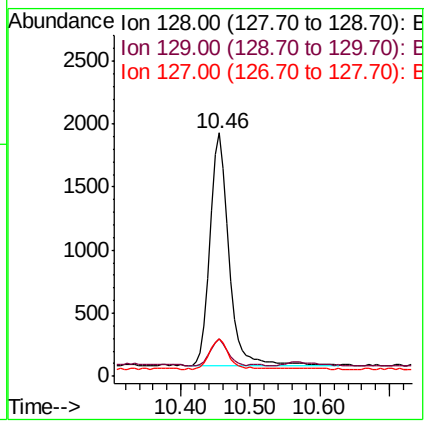
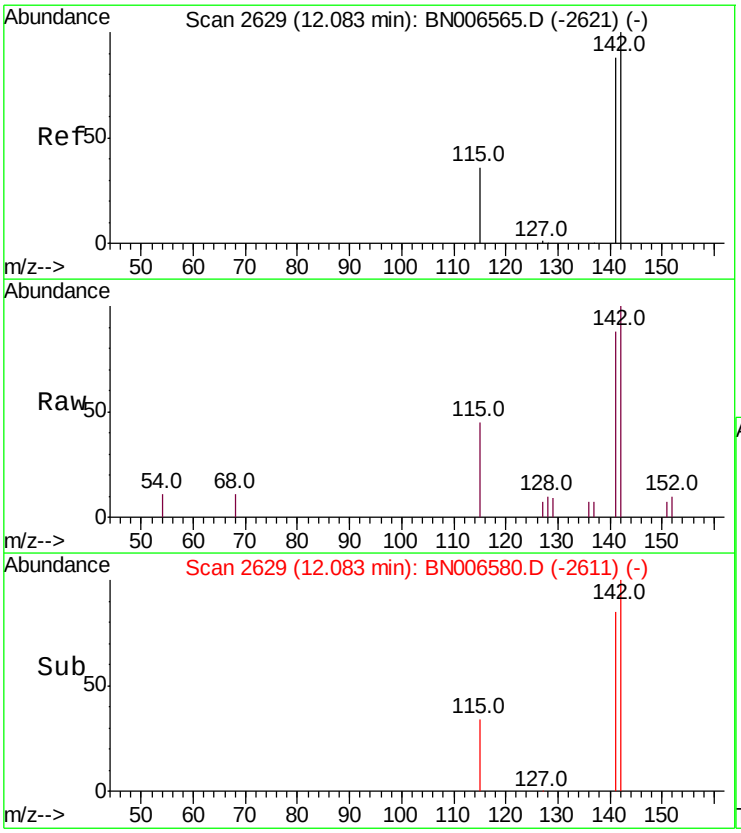
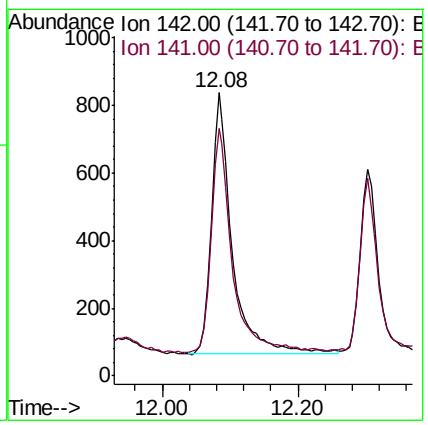


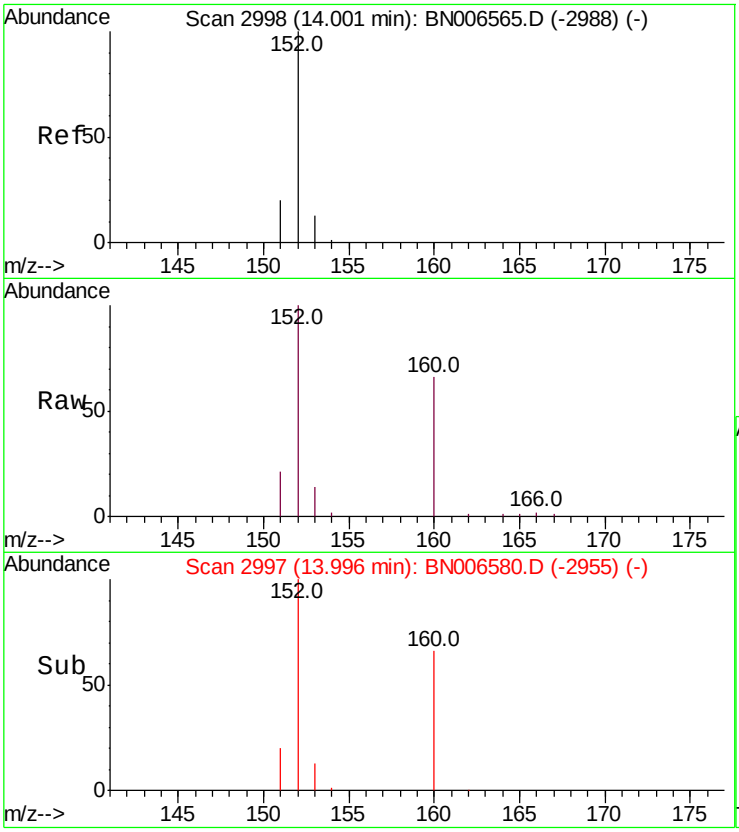


#5
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.08 min Scan# 2629
Delta R.T. -0.00 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:142 Resp: 1664

Ion	Ratio	Lower	Upper
142	100		
141	85.9	70.3	105.5

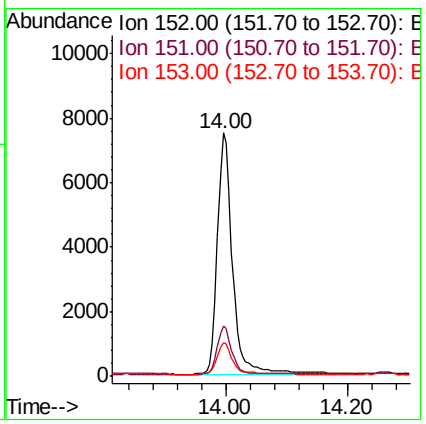




#7
Acenaphthylene
Concen: 0.249 ng/ul
RT: 14.00 min Scan# 2997
Delta R.T. -0.00 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:152 Resp: 13031

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	13.9	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
A4215DL

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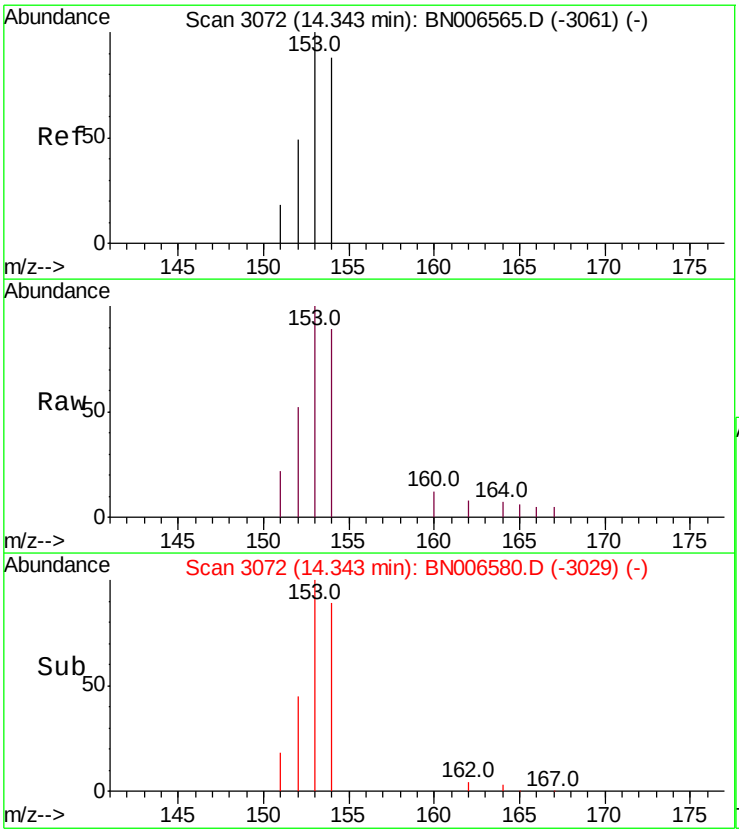
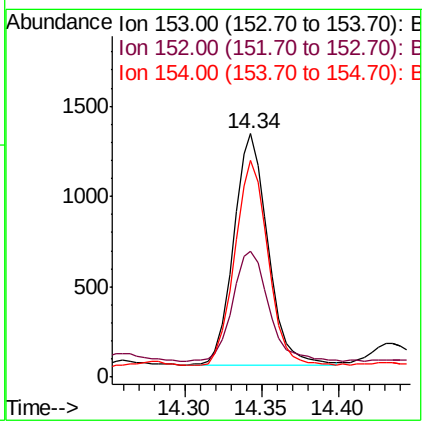
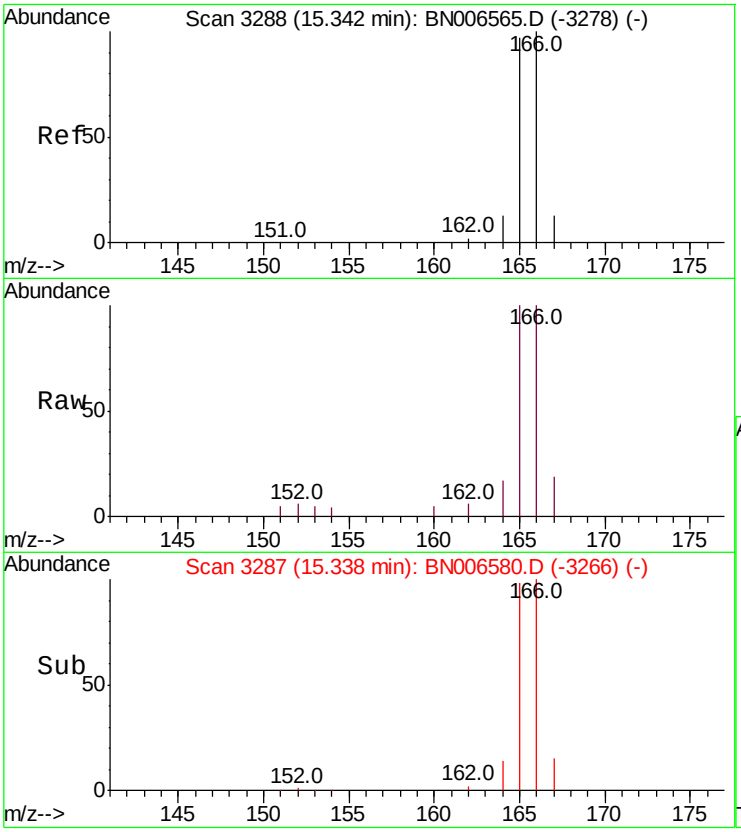


#8
Acenaphthene
Concen: 0.055 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. -0.00 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:153 Resp: 1976

Ion	Ratio	Lower	Upper
153	100		
152	51.6	39.1	58.7
154	89.0	71.1	106.7

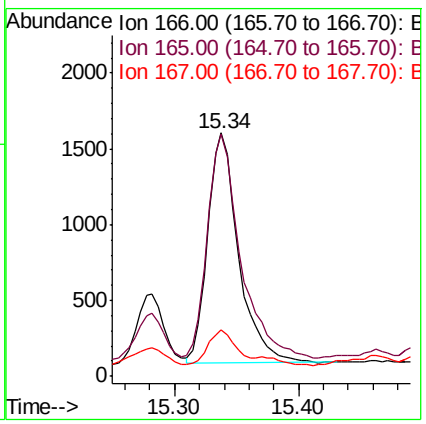




#9
Fluorene
Concen: 0.062 ng/ul
RT: 15.34 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:166 Resp: 2631

Ion	Ratio	Lower	Upper
166	100		
165	99.5	76.4	114.6
167	18.9	11.0	16.6#



Instrument :
BNA_N
ClientSampleId :
A4215DL

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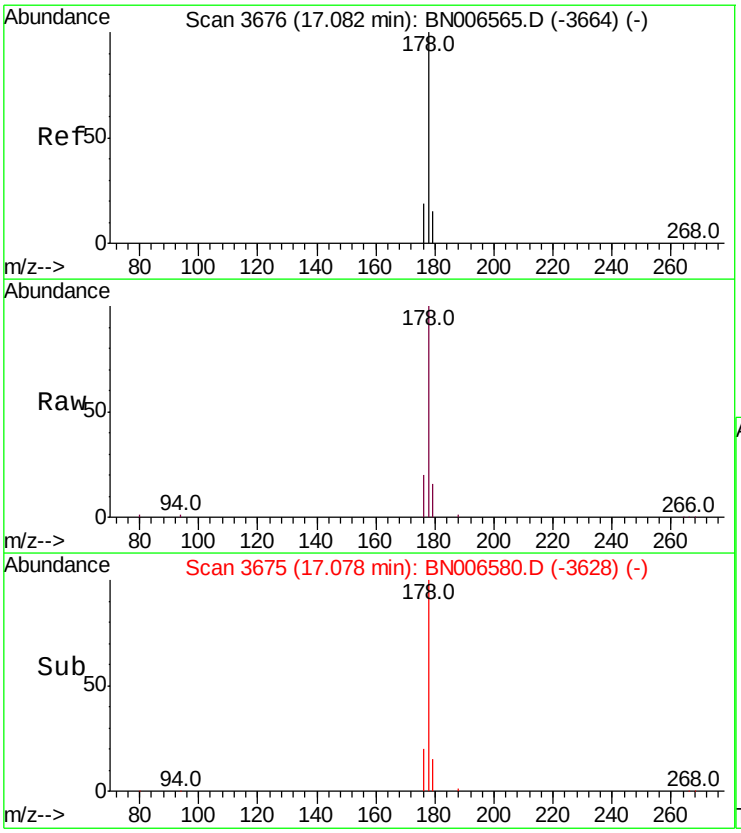
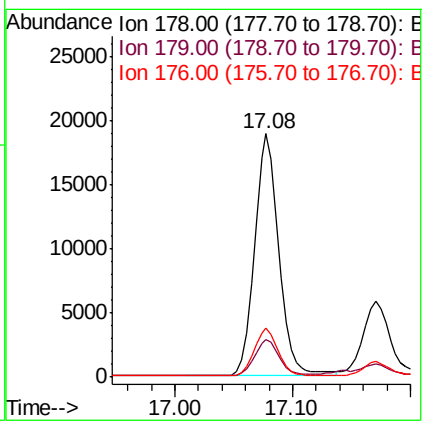
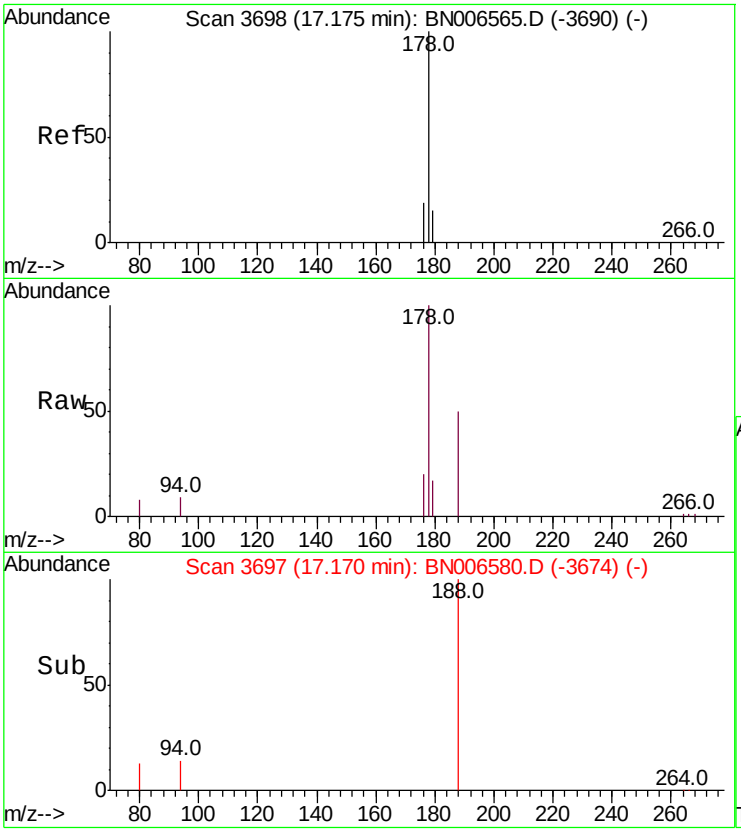


#12
Phenanthrene
Concen: 0.498 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:178 Resp: 27169

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	20.0	15.3	22.9

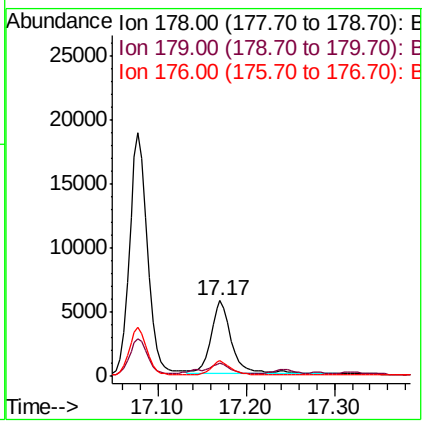




#13
Anthracene
Concen: 0.179 ng/ul
RT: 17.17 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:178 Resp: 9349

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.2	18.4
176	20.3	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
A4215DL

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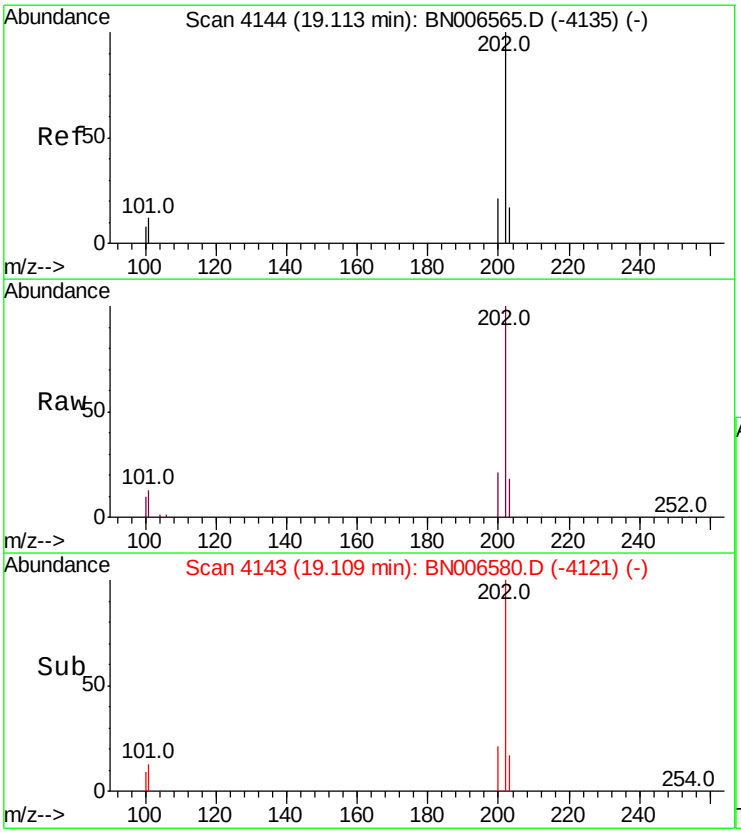
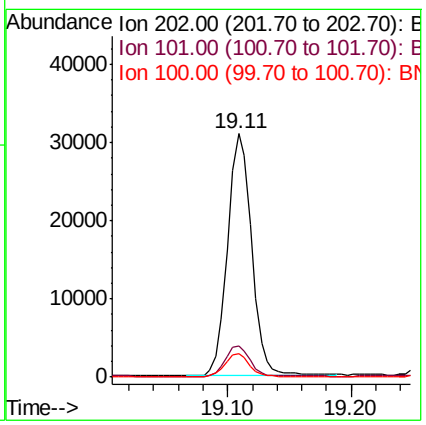
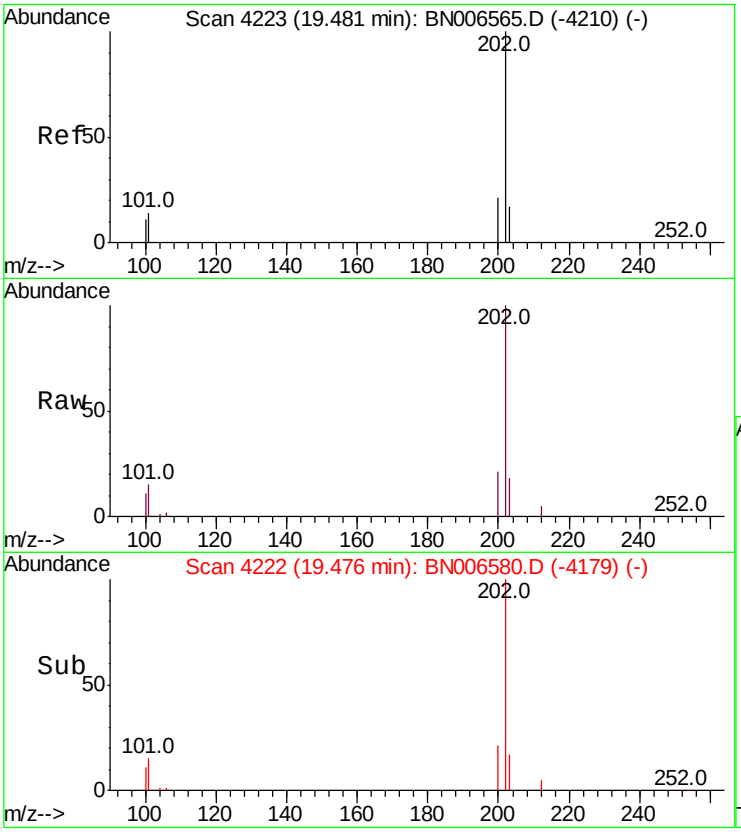


#15
Fluoranthene
Concen: 0.703 ng/ul
RT: 19.11 min Scan# 4143
Delta R.T. -0.00 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:202 Resp: 42399

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.1
100	9.5	0.0	28.7

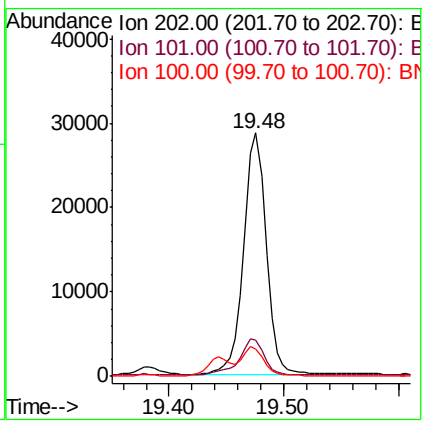




#17
Pyrene
Concen: 0.739 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.00 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:202 Resp: 39040

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.2
100	11.3	9.8	14.6



Instrument :
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ClientSampleId :
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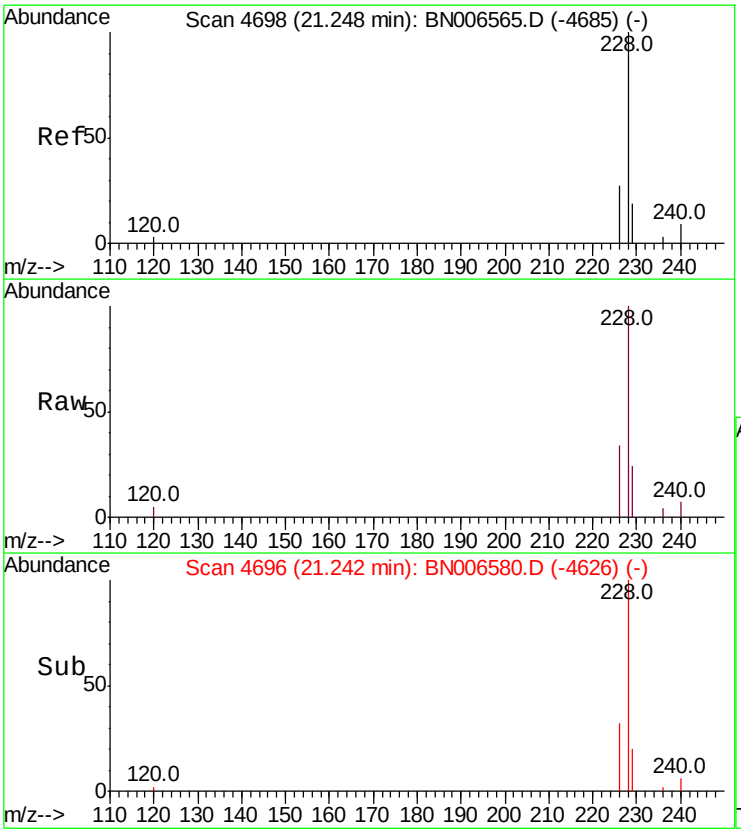
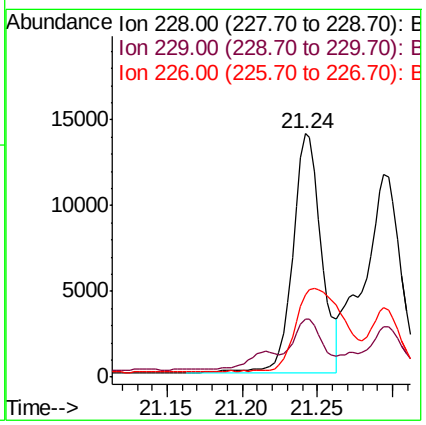
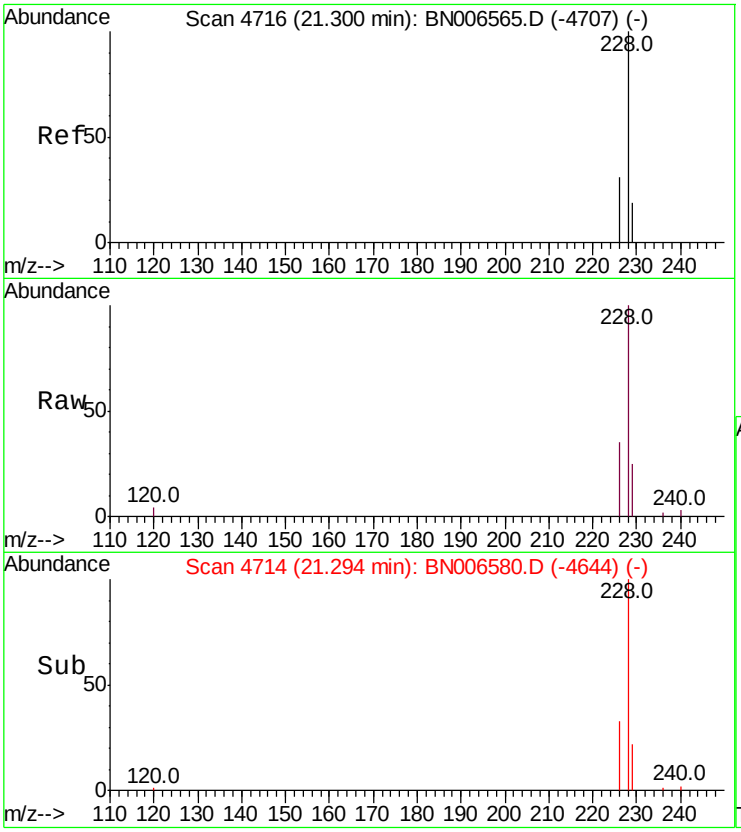


#18
Benzo(a)anthracene
Concen: 0.412 ng/ul
RT: 21.24 min Scan# 4696
Delta R.T. 0.01 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:228 Resp: 18264

Ion	Ratio	Lower	Upper
228	100		
229	23.7	16.5	24.7
226	33.7	22.8	34.2

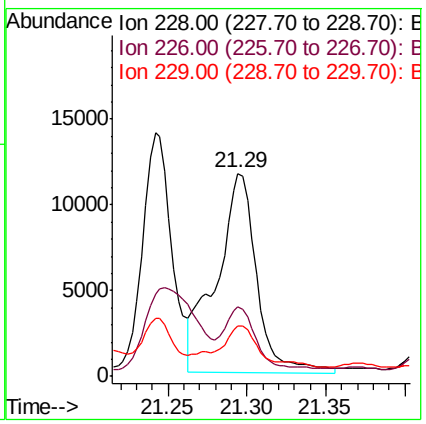




#19
Chrysene
Concen: 0.499 ng/ul m
RT: 21.29 min Scan# 4714
Delta R.T. 0.01 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:228 Resp: 20783

Ion	Ratio	Lower	Upper
228	100		
226	34.5	25.0	37.6
229	24.9	16.3	24.5#



Instrument :
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ClientSampleId :
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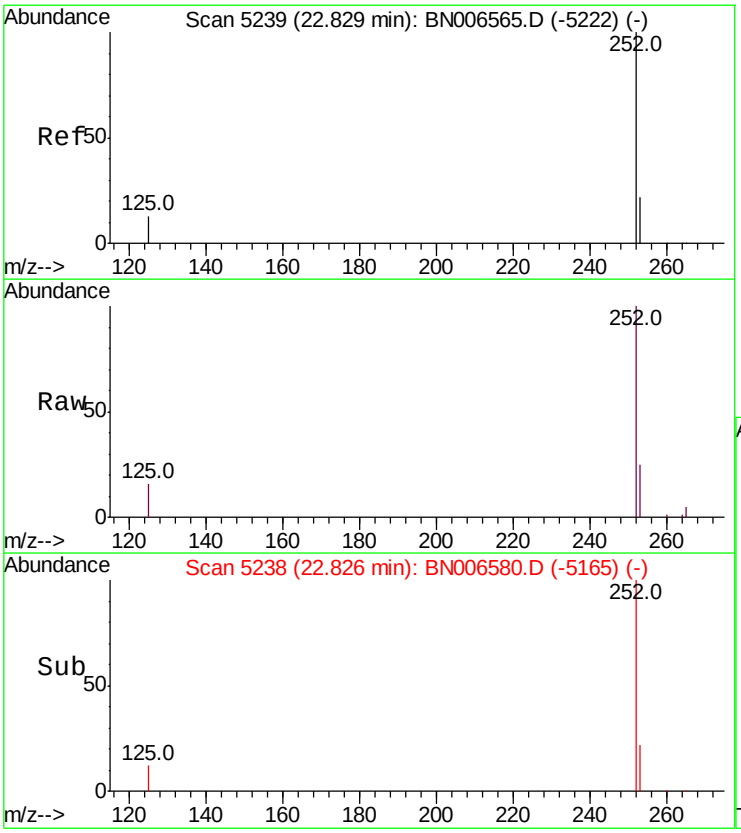
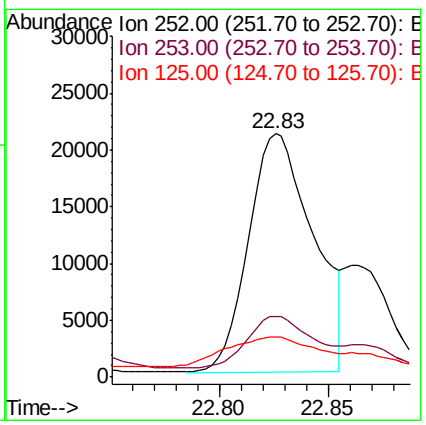
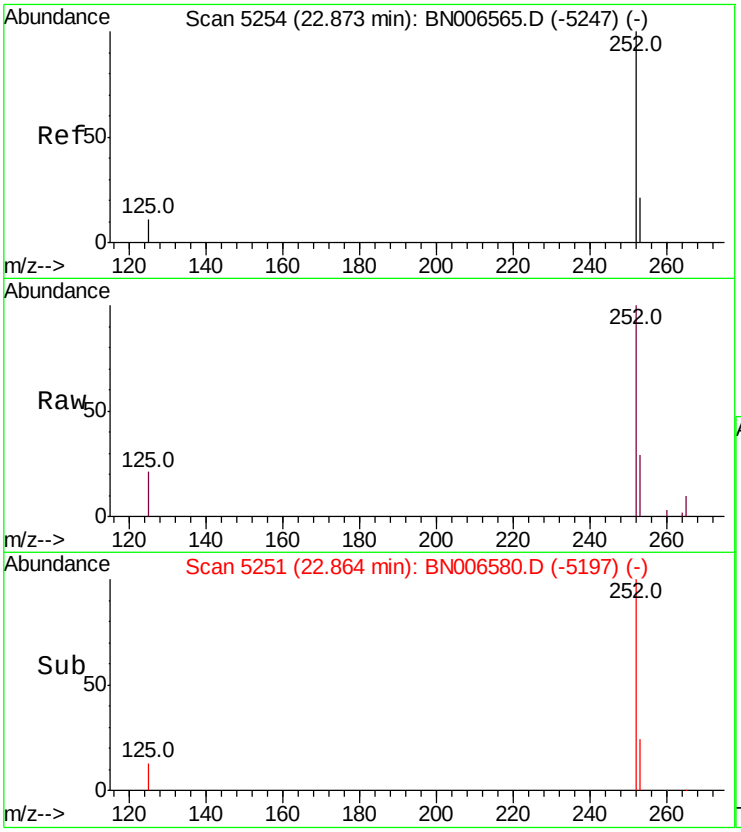


#21
Benzo(b)fluoranthene
Concen: 0.945 ng/ul m
RT: 22.83 min Scan# 5238
Delta R.T. 0.01 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:252 Resp: 43983

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	51.4
125	16.2	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 0.305 ng/ul m
RT: 22.86 min Scan# 5251
Delta R.T. 0.01 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:252 Resp: 13817

Ion	Ratio	Lower	Upper
252	100		
253	29.4	20.3	30.5
125	21.3	14.3	21.5

Instrument :
BNA_N
ClientSampleId :
A4215DL

Manual Integrations APPROVED
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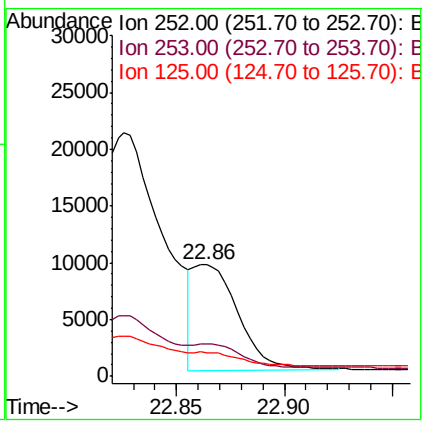
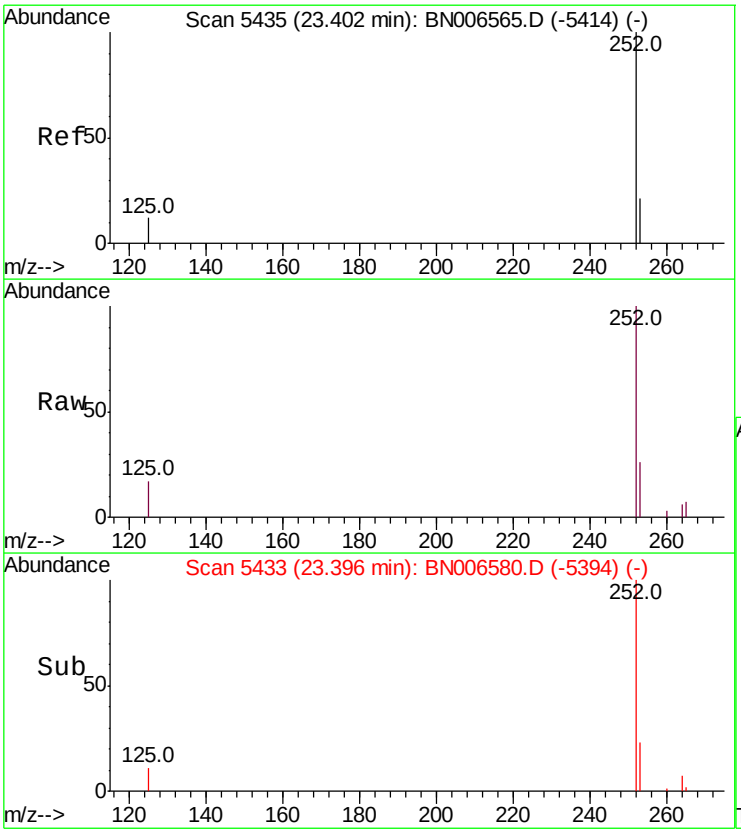
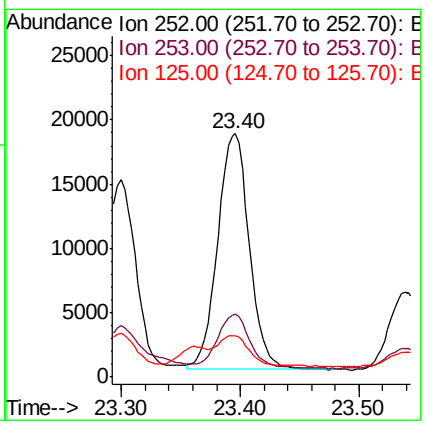


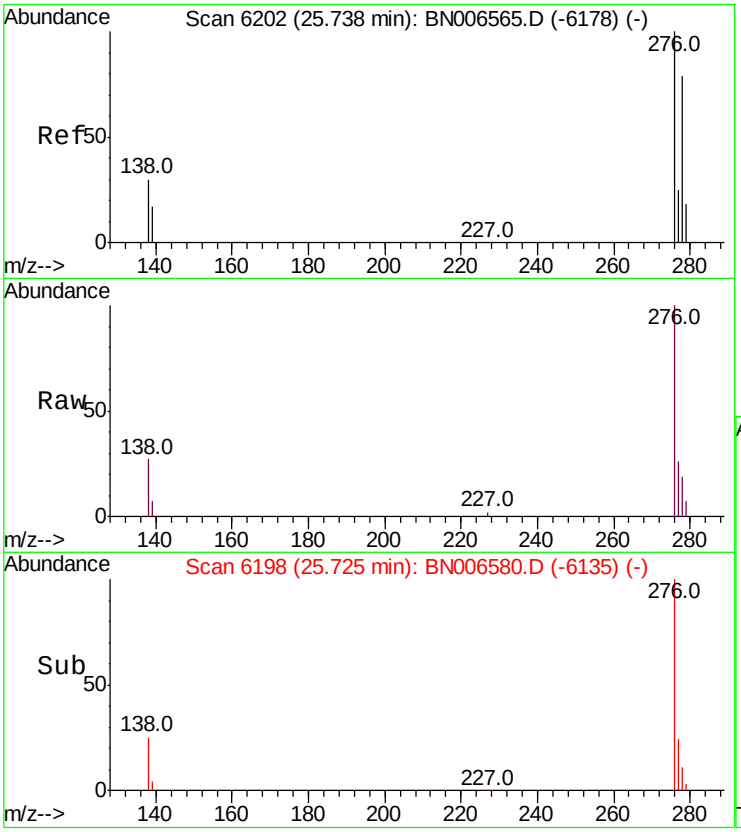


#23
Benzo(a)pyrene
Concen: 0.788 ng/ul
RT: 23.40 min Scan# 5433
Delta R.T. 0.01 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:252 Resp: 34169

Ion	Ratio	Lower	Upper
252	100		
253	25.8	21.1	31.7
125	17.2	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.838 ng/ul
RT: 25.72 min Scan# 6198
Delta R.T. 0.01 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:276 Resp: 39328

Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.6	38.4#
227	0.1	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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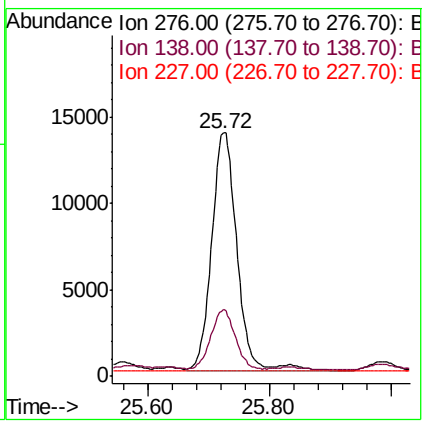
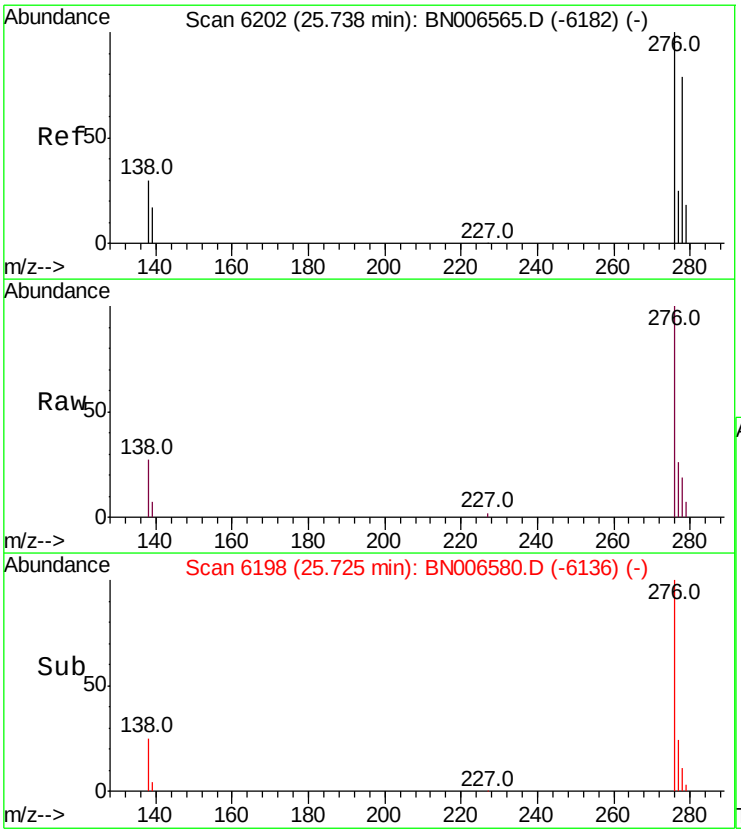
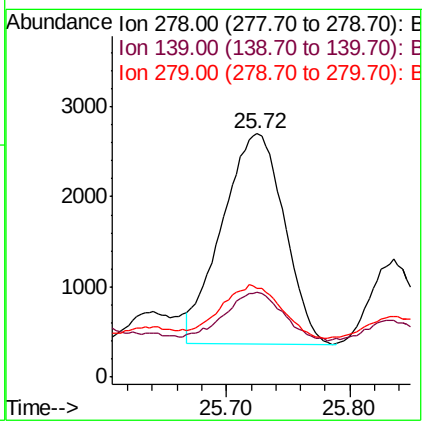


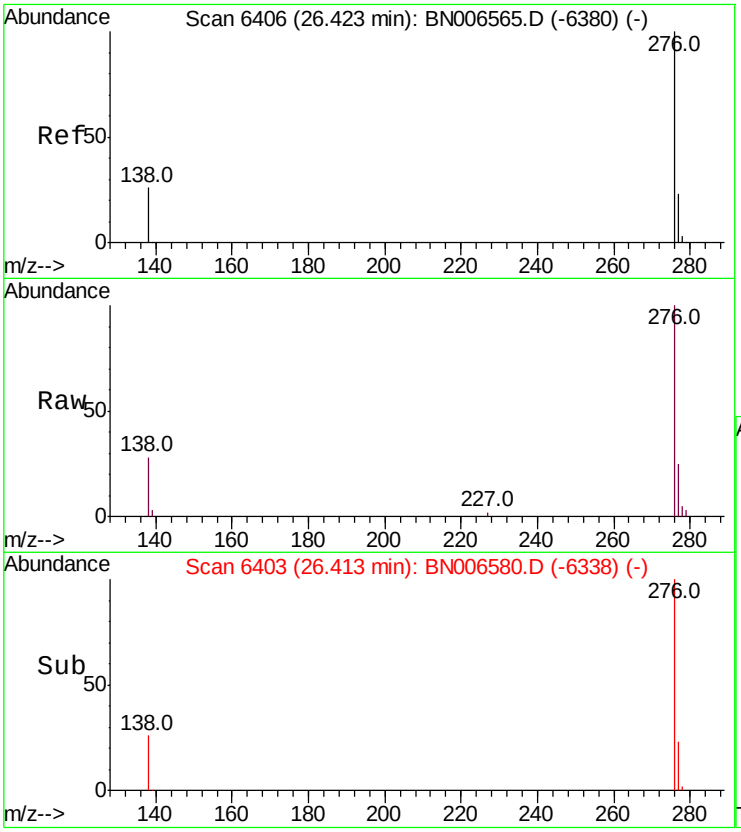


#25
Dibenzo(a,h)anthracene
Concen: 0.219 ng/ul
RT: 25.72 min Scan# 6198
Delta R.T. 0.01 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:278 Resp: 8210

Ion	Ratio	Lower	Upper
278	100		
139	34.8	21.2	31.8#
279	36.7	22.6	33.8#

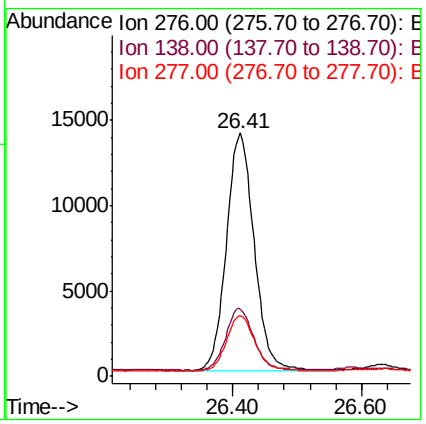




#26
Benzo(g,h,i)perylene
Concen: 1.059 ng/ul
RT: 26.41 min Scan# 6403
Delta R.T. 0.02 min
Lab File: BN006580.D
Acq: 25 Jun 2019 20:52

Tgt Ion:276 Resp: 41640

Ion	Ratio	Lower	Upper
276	100		
138	27.6	24.2	36.4
277	25.1	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A4215DL

Manual Integrations APPROVED
mohammad
6/26/2019 8:12:58 AM