Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008184.D
Acq On : 15 Oct 2019 21:37
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM

Quant Time: Oct 16 04:47:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2215	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	10781	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.25	164	6875	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	15671m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	16289m	0.40	ng/ul	-0.01
20) Perylene-d12	23.38	264	13249m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	5863	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	19114m	0.35	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.43	128	1619	0.053	ng/ul#	87
5) 2-Methylnaphthalene	12.06	142	823	0.039	ng/ul	97
7) Acenaphthylene	13.96	152	7809	0.238	ng/ul	98
8) Acenaphthene	14.31	153	3542	0.139	ng/ul	98
9) Fluorene	15.30	166	4301	0.149	ng/ul#	96
12) Phenanthrene	17.04	178	101344m	2.209	ng/ul	
13) Anthracene	17.13	178	21812m	0.540	ng/ul	
15) Fluoranthene	19.06	202	269725m	4.451	ng/ul	
17) Pyrene	19.42	202	289757	4.468	ng/ul	98
18) Benzo(a)anthracene	21.18	228	176984m	2.989	ng/ul	
19) Chrysene	21.23	228	183950	2.531	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	189240m	4.388	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	61350m	1.256	ng/ul	
23) Benzo(a)pyrene	23.28	252	136524m	3.008	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.54	276	69738	1.305	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.55	278	18814	0.445	ng/ul	95
26) Benzo(g,h,i)perylene	26.20	276	57991	1.183	ng/ul	99

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

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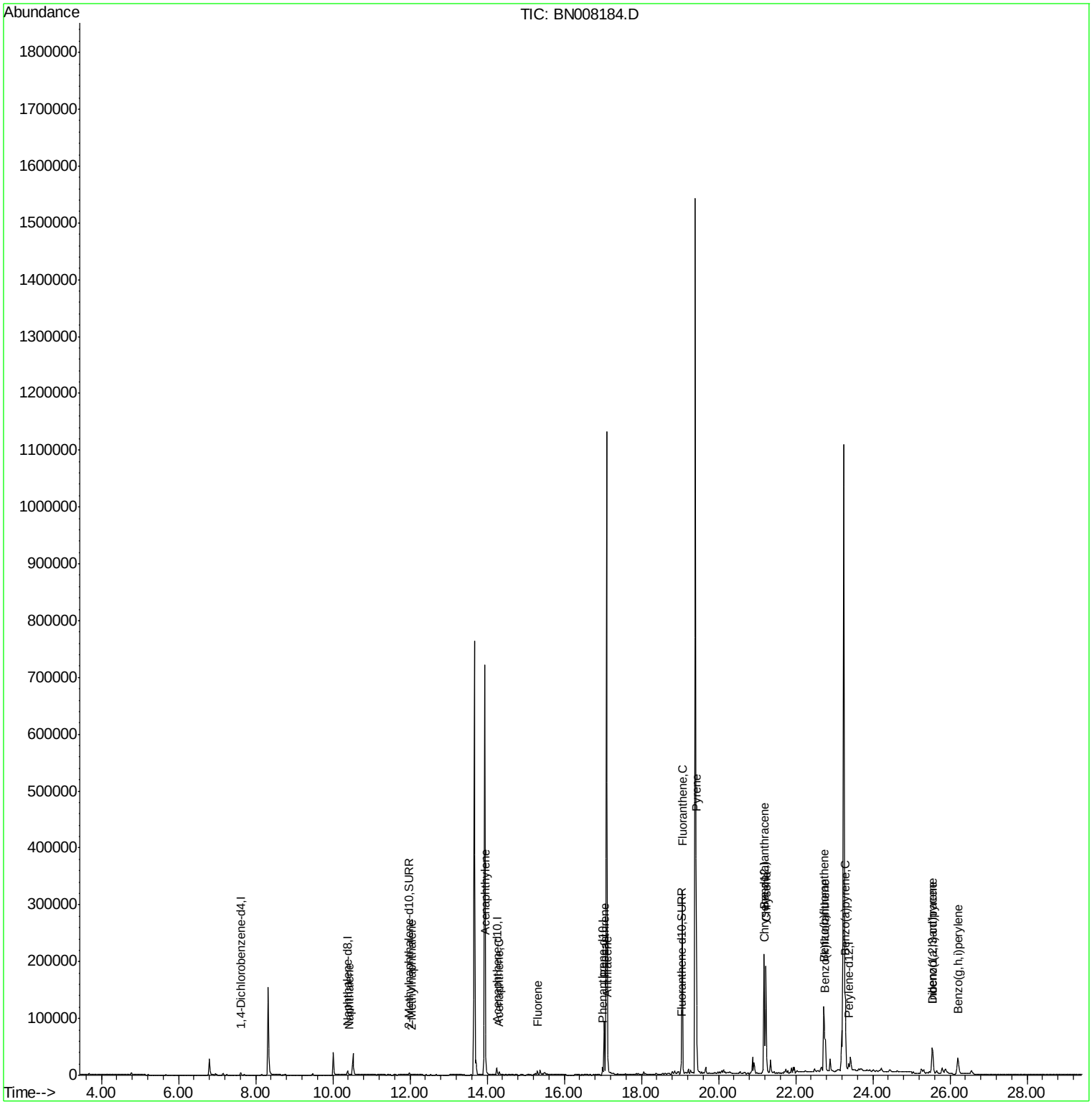

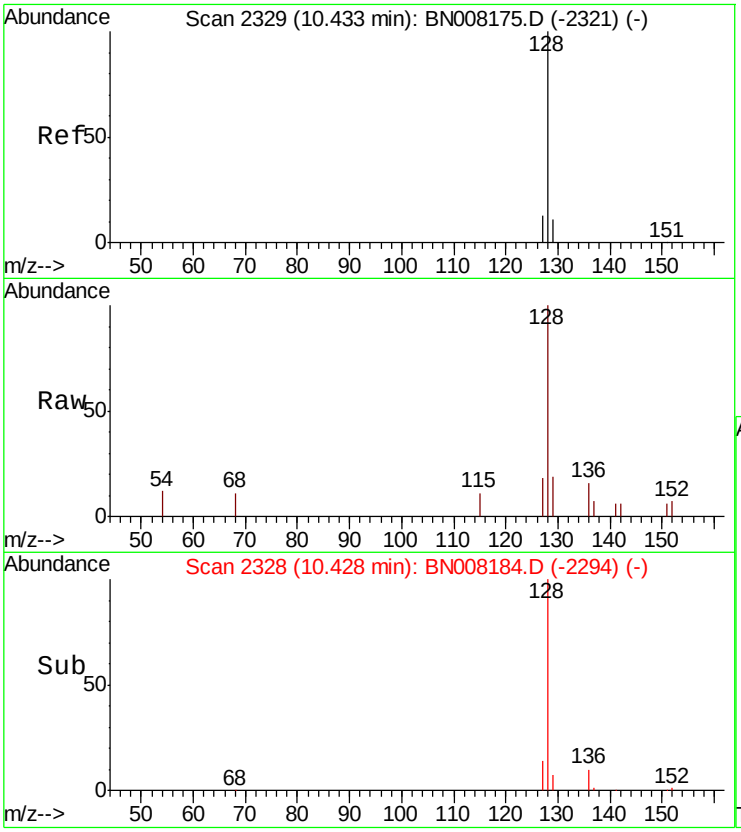

#3
Naphthalene
Concen: 0.053 ng/ul
RT: 10.43 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:128 Resp: 1619

Ion	Ratio	Lower	Upper
128	100		
129	18.6	9.8	14.8#
127	18.3	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEPF9

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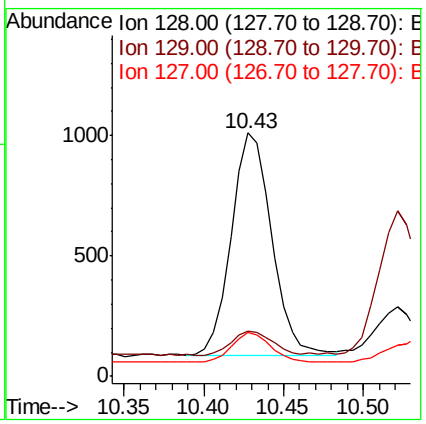
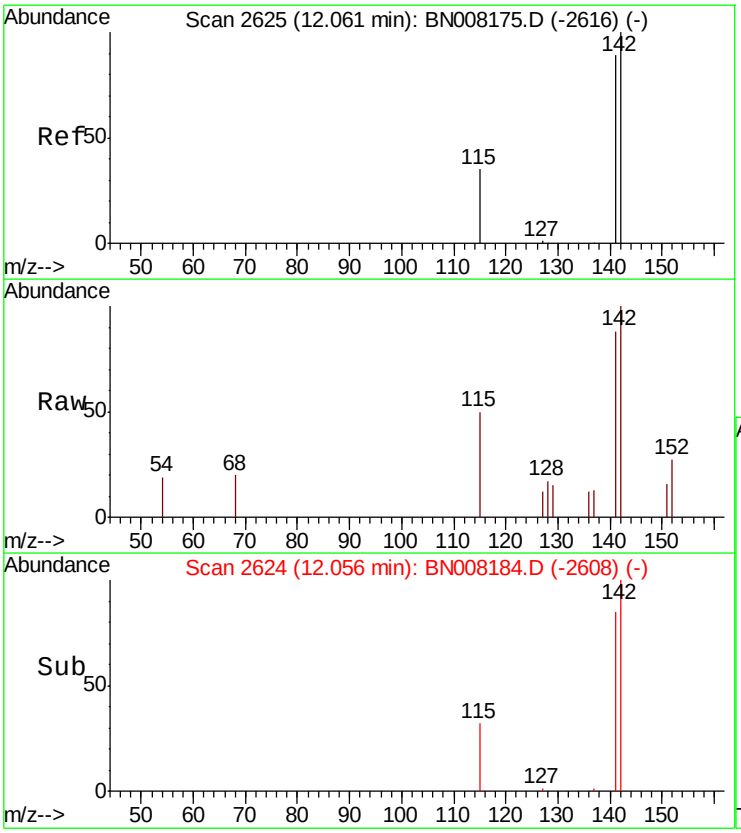
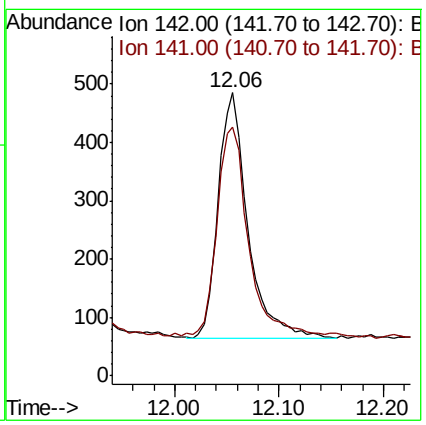


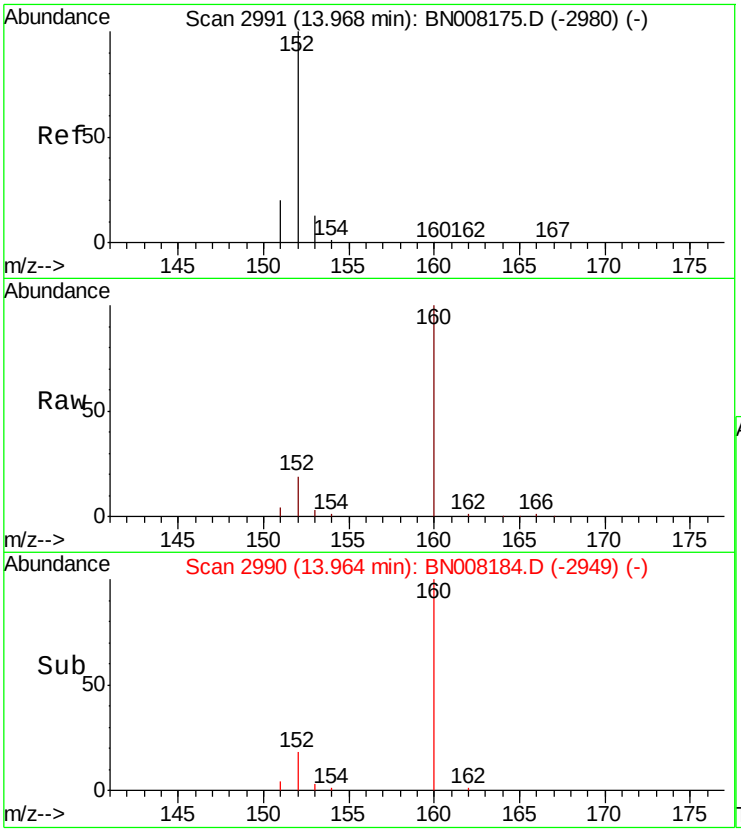


#5
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.06 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:142 Resp: 823

Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.4	107.2

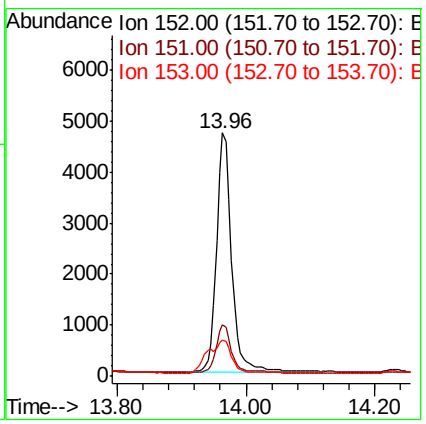




#7
Acenaphthylene
Concen: 0.238 ng/ul
RT: 13.96 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:152 Resp: 7809

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.4
153	15.1	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
BEPF9

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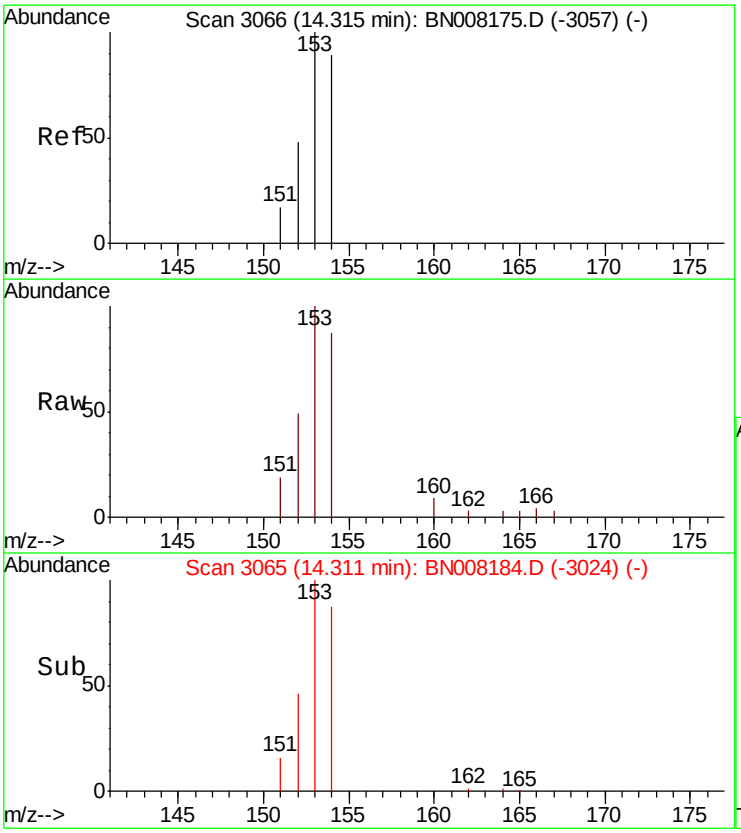
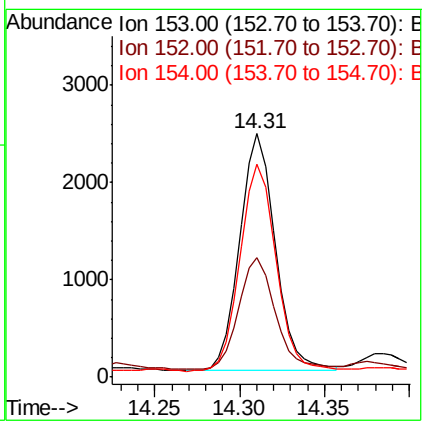
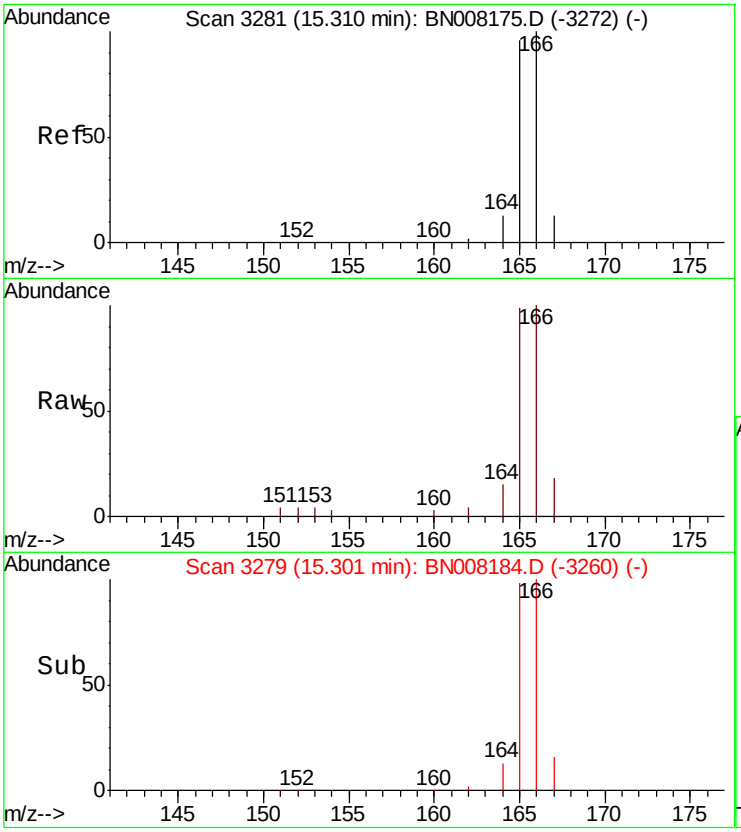


#8
Acenaphthene
Concen: 0.139 ng/ul
RT: 14.31 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:153 Resp: 3542

Ion	Ratio	Lower	Upper
153	100		
152	49.1	38.2	57.2
154	87.3	71.8	107.8





#9
Fluorene
Concen: 0.149 ng/ul
RT: 15.30 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:166 Resp: 4301

Ion	Ratio	Lower	Upper
166	100		
165	98.6	76.6	115.0
167	17.9	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
BEPF9

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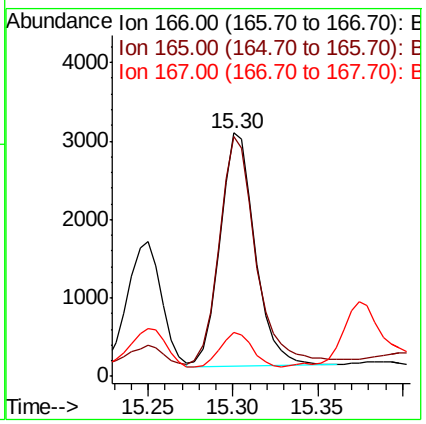
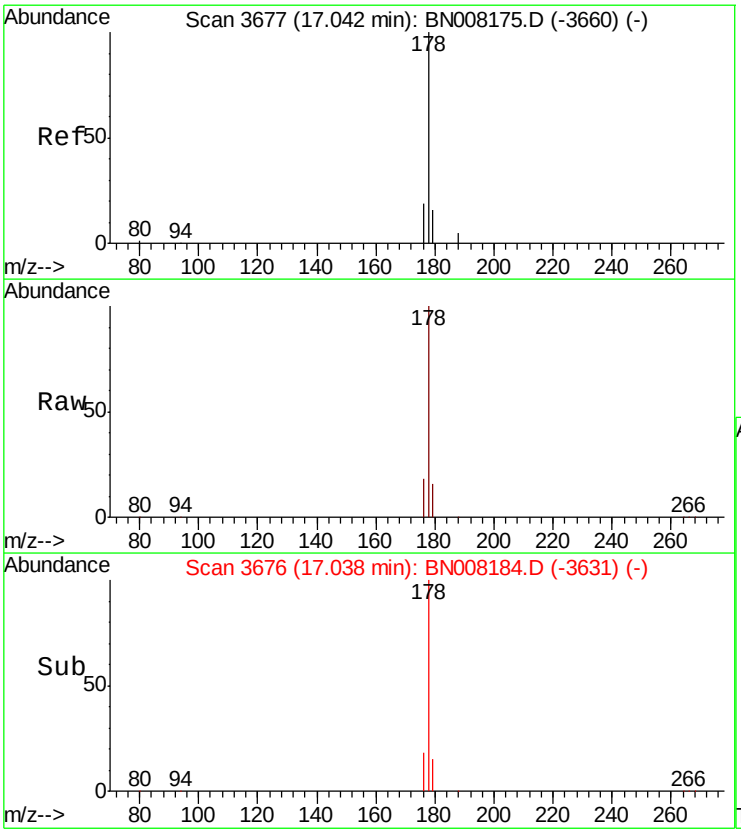
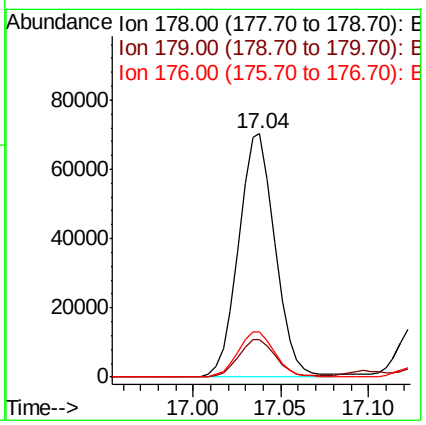


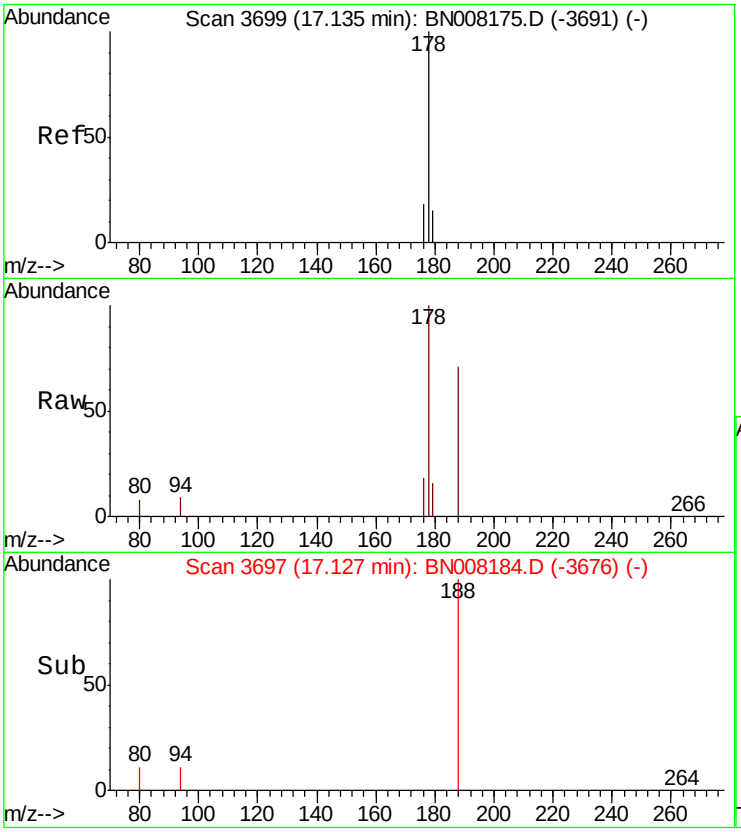


#12
Phenanthrene
Concen: 2.209 ng/ul m
RT: 17.04 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:178 Resp: 101344

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.4	15.4	23.2

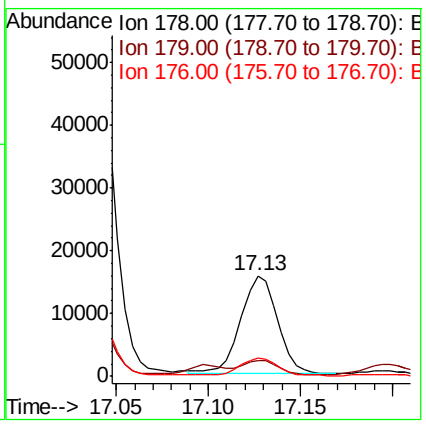




#13
Anthracene
Concen: 0.540 ng/ul m
RT: 17.13 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:178 Resp: 21812

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.6
176	18.5	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPF9

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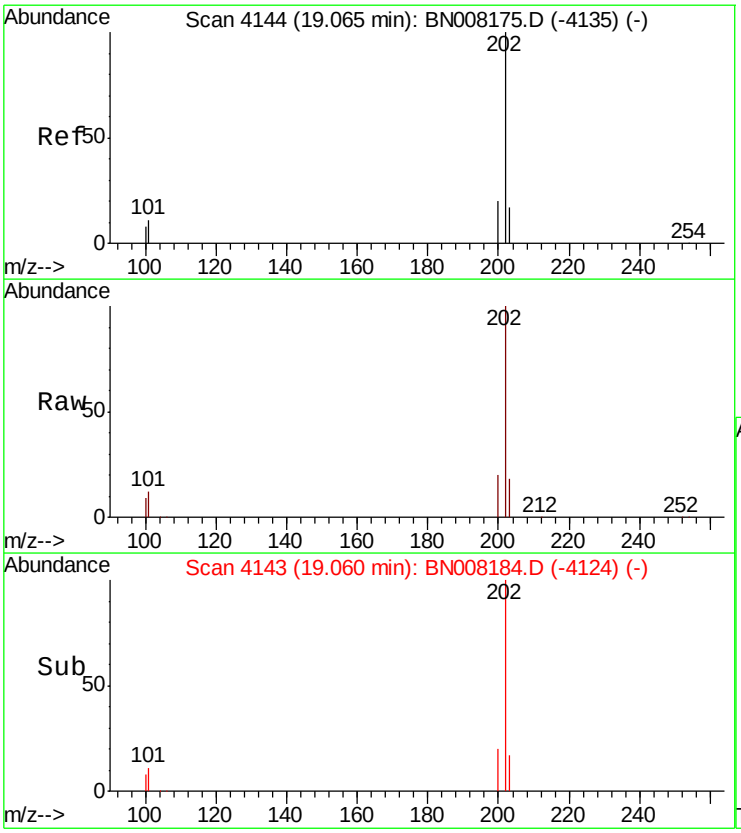
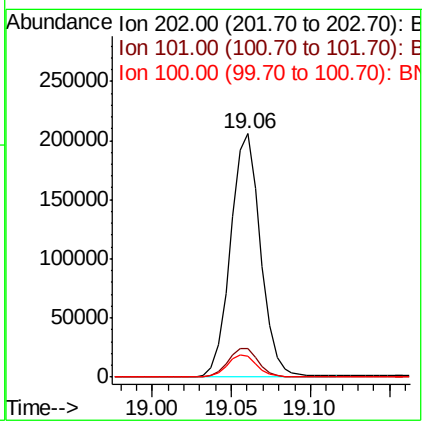
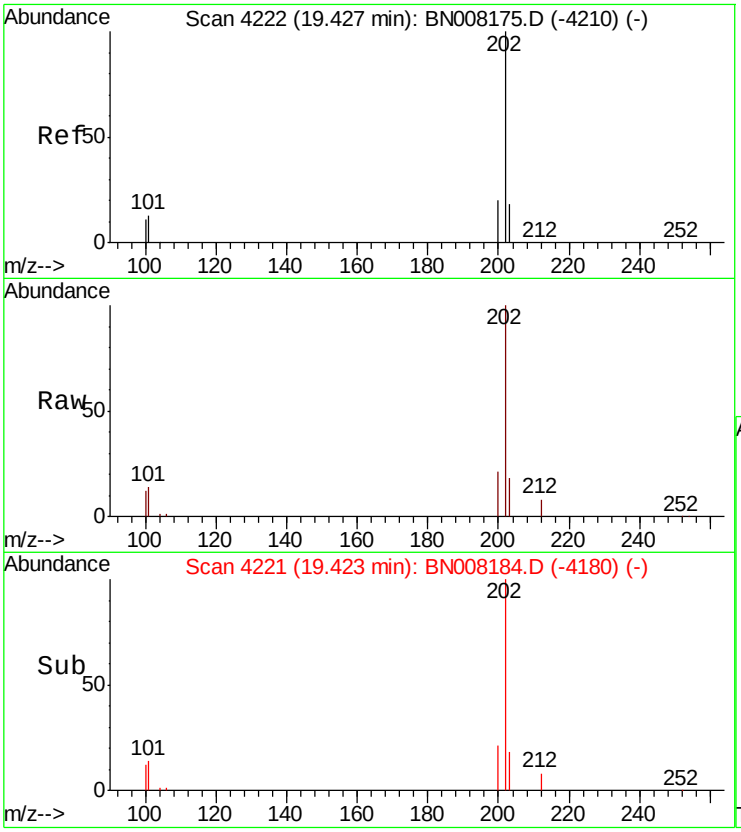


#15
Fluoranthene
Concen: 4.451 ng/ul m
RT: 19.06 min Scan# 4143
Delta R.T. -0.01 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:202 Resp: 269725

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.2
100	8.6	0.0	28.5

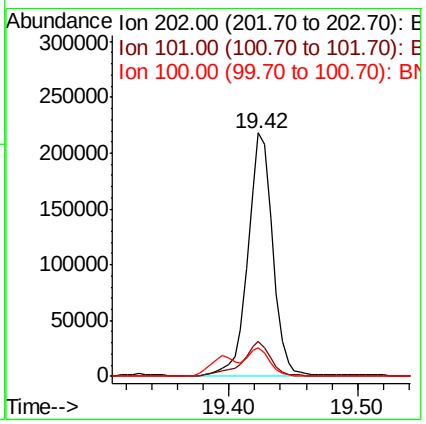




#17
Pyrene
Concen: 4.468 ng/ul
RT: 19.42 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:202 Resp: 289757

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.9	16.3
100	11.7	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
BEPF9

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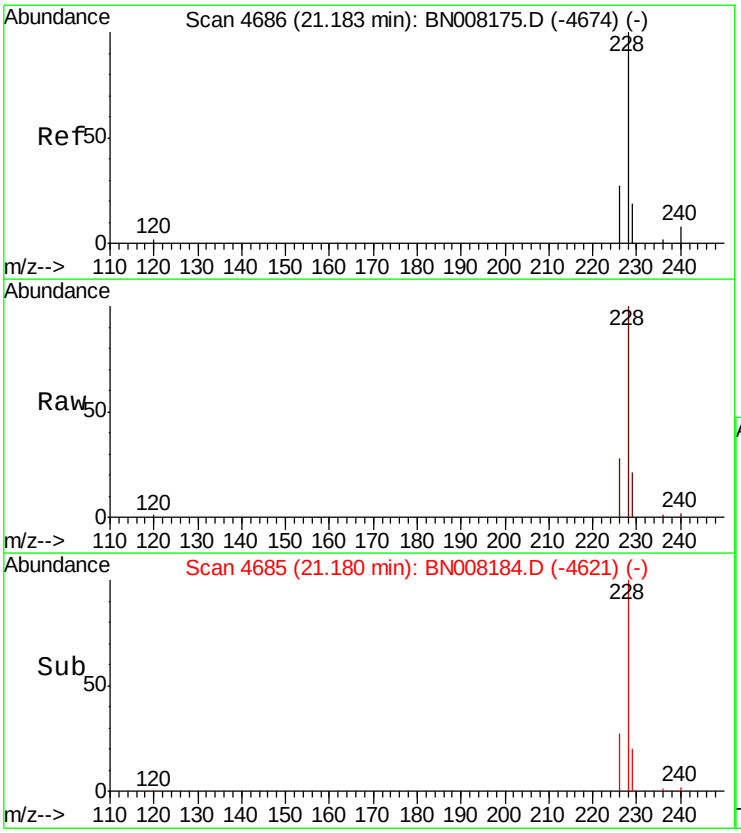
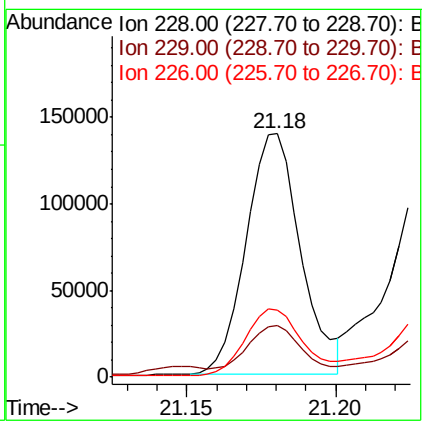
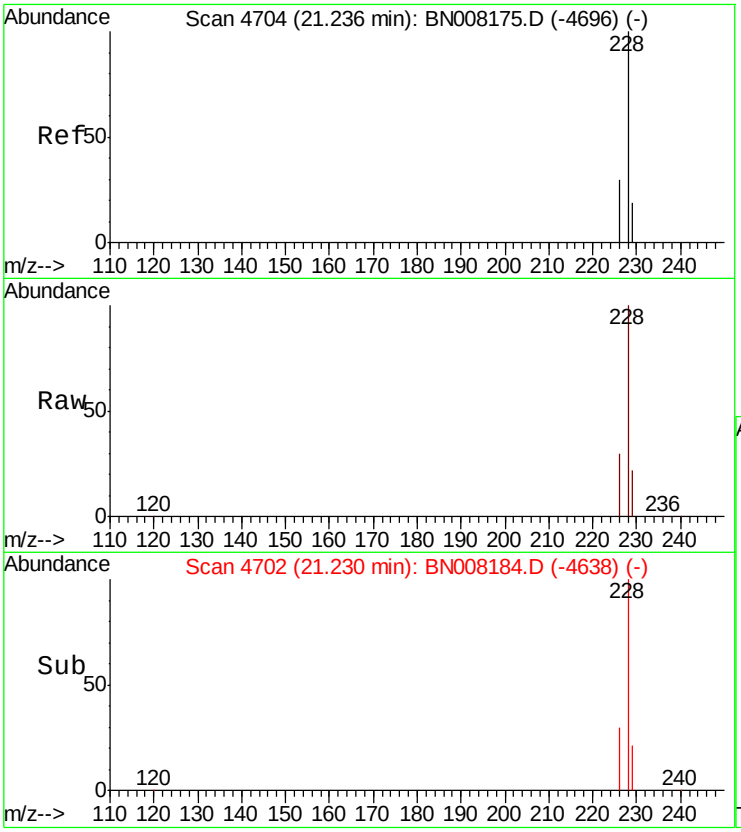


#18
Benzo(a)anthracene
Concen: 2.989 ng/ul m
RT: 21.18 min Scan# 4685
Delta R.T. -0.01 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:228 Resp: 176984

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.2
226	27.6	21.4	32.0

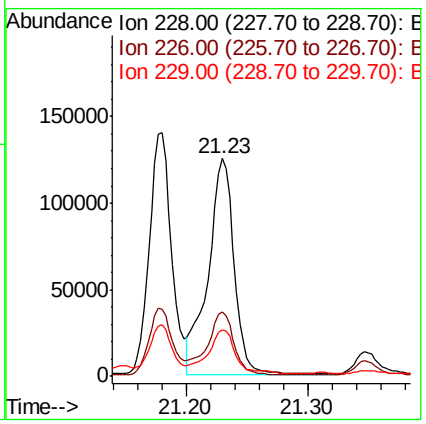




#19
Chrysene
Concen: 2.531 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:228 Resp: 183950

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	21.6	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
BEPF9

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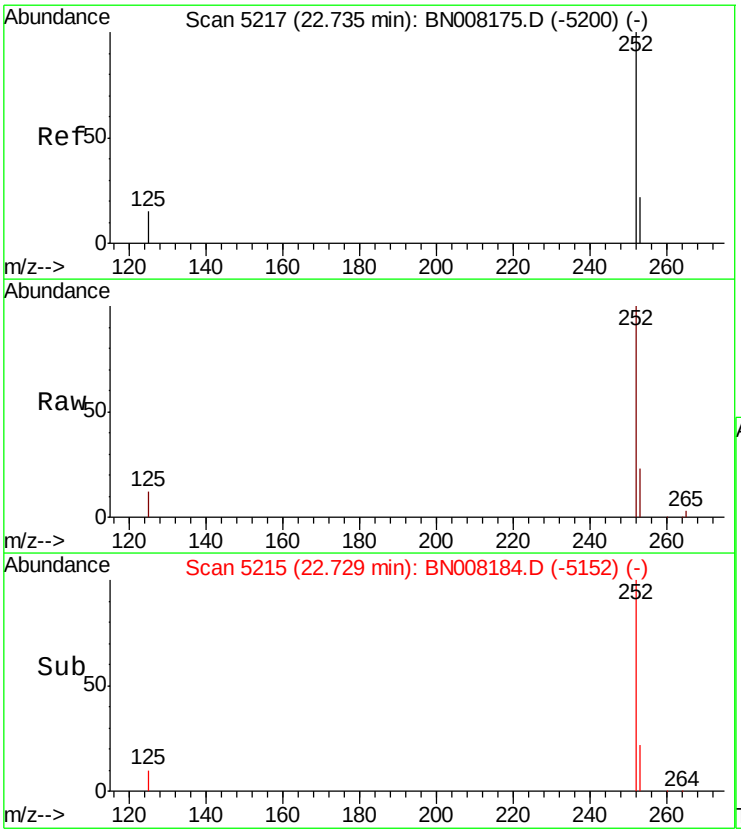
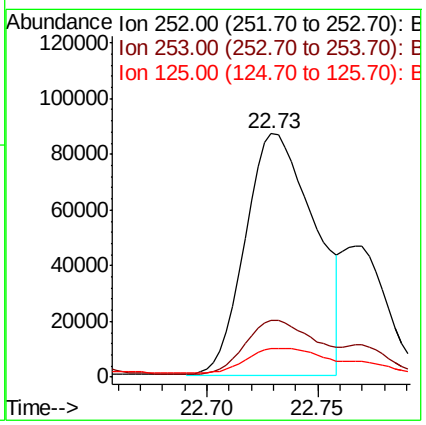
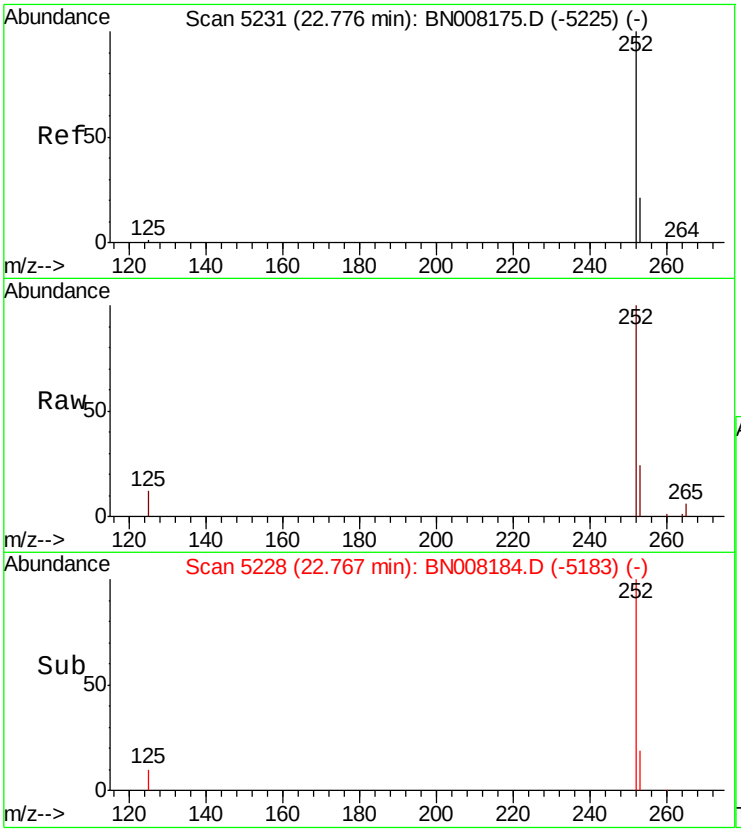


#21
Benzo(b)fluoranthene
Concen: 4.388 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.01 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:252 Resp: 189240

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	53.4
125	11.6	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 1.256 ng/ul m
RT: 22.77 min Scan# 5228
Delta R.T. -0.02 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:252 Resp: 61350

Ion	Ratio	Lower	Upper
252	100		
253	24.4	21.3	31.9
125	12.3	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
BEPF9

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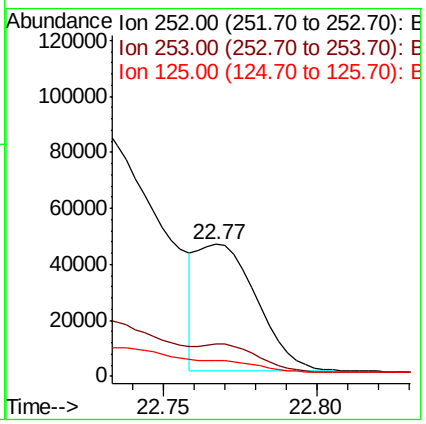
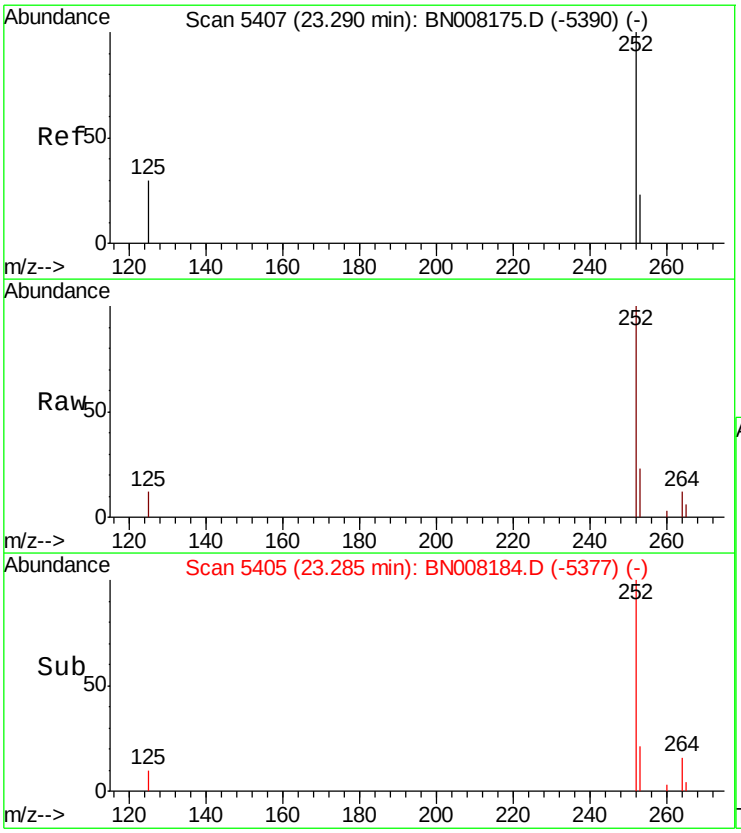
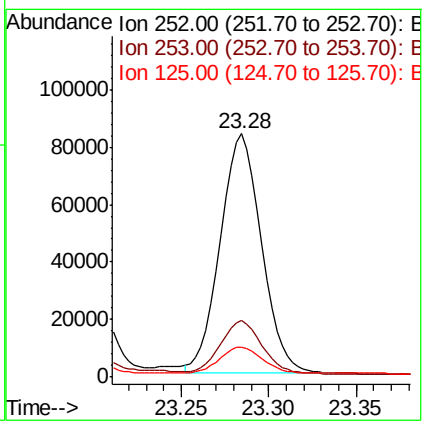


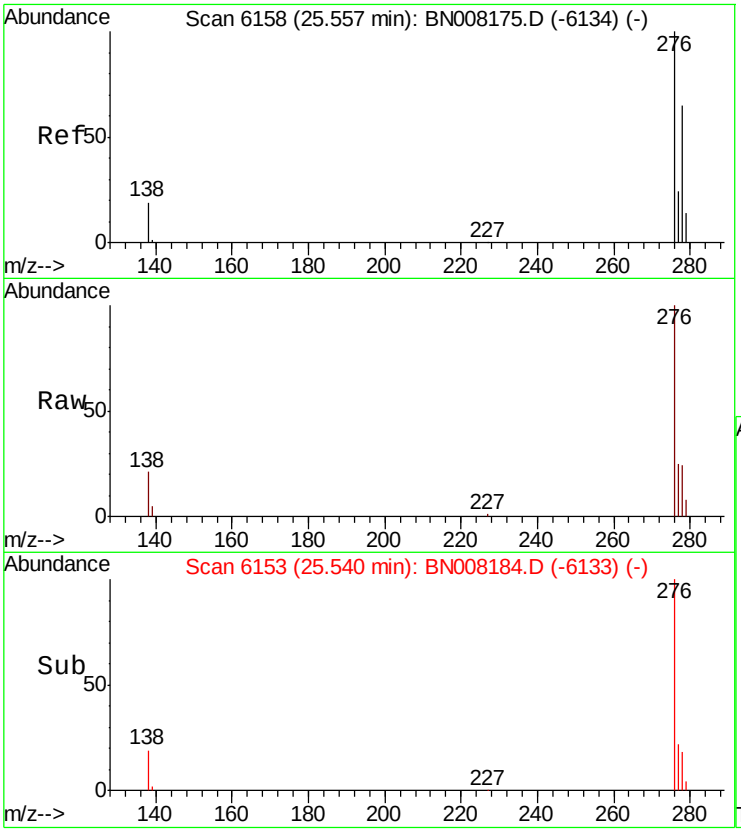


#23
Benzo(a)pyrene
Concen: 3.008 ng/ul m
RT: 23.28 min Scan# 5405
Delta R.T. -0.02 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:252 Resp: 136524

Ion	Ratio	Lower	Upper
252	100		
253	23.1	22.8	34.2
125	12.4	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.305 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.03 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:276 Resp: 69738

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.1	24.1
227	0.1	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
BEPF9

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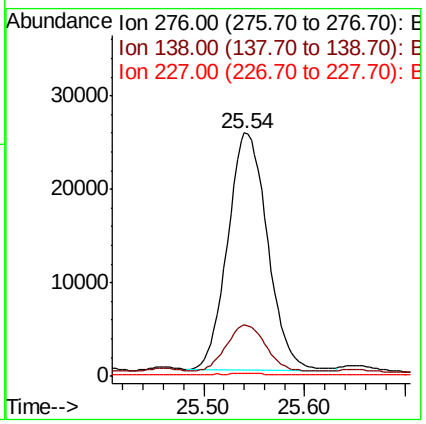
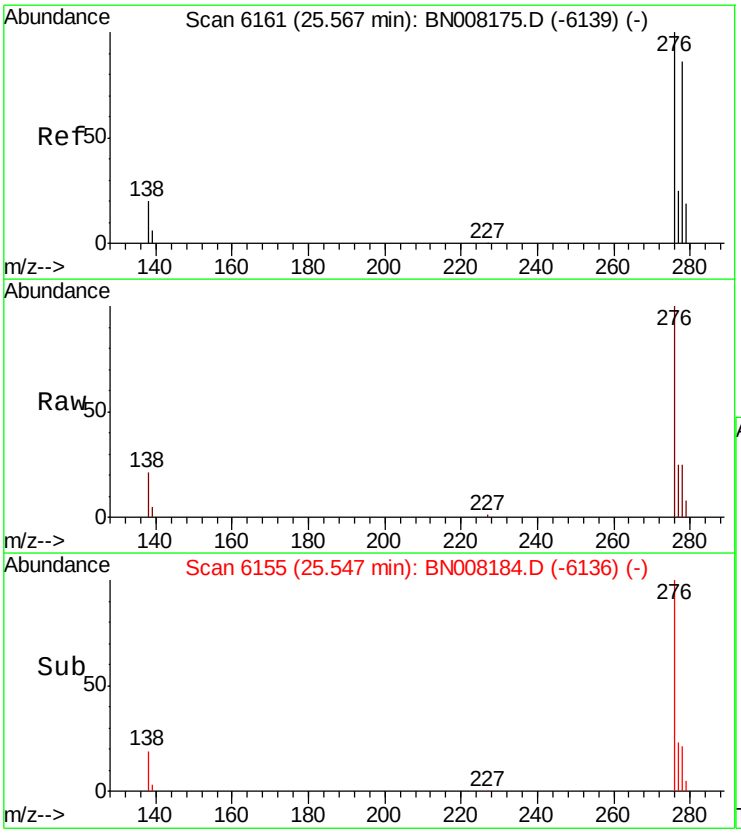
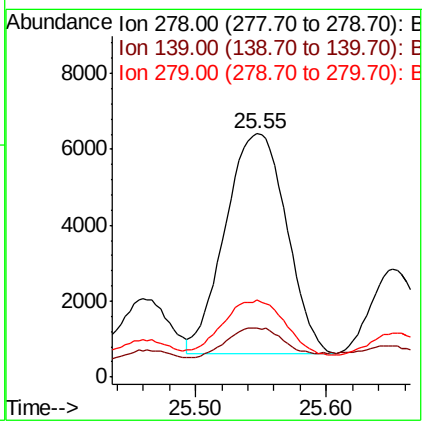


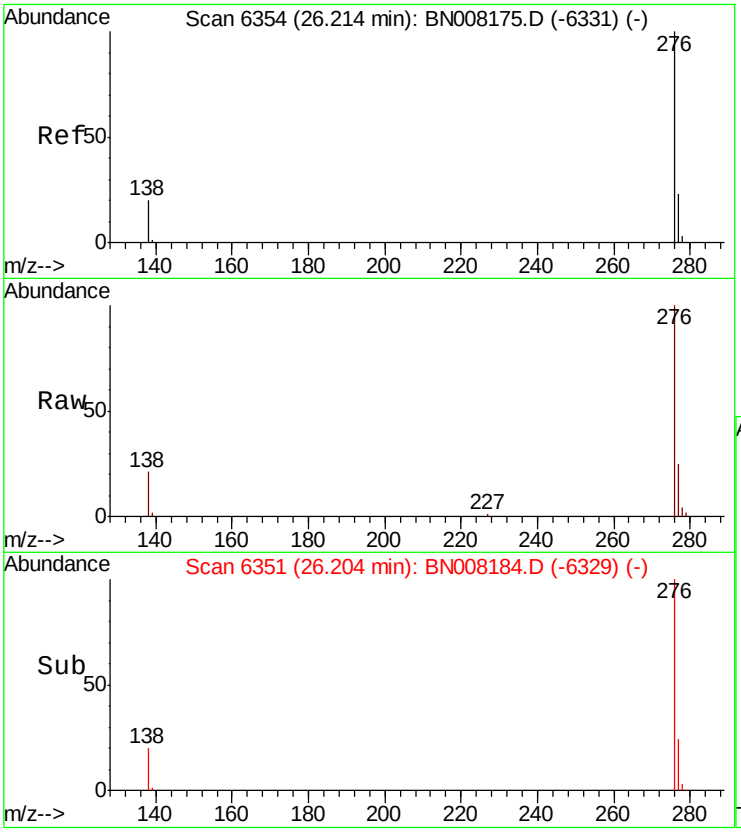


#25
Dibenzo(a,h)anthracene
Concen: 0.445 ng/ul
RT: 25.55 min Scan# 6155
Delta R.T. -0.04 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:278 Resp: 18814

Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.0	22.6
279	31.6	22.4	33.6

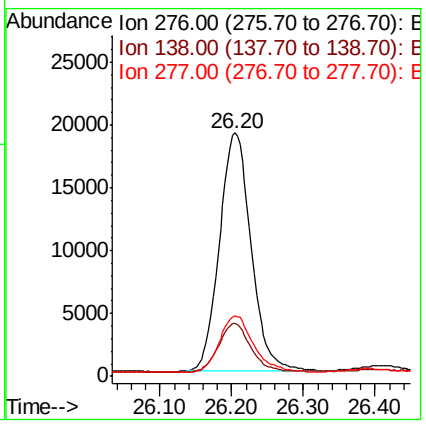




#26
Benzo(g,h,i)perylene
Concen: 1.183 ng/ul
RT: 26.20 min Scan# 6351
Delta R.T. -0.03 min
Lab File: BN008184.D
Acq: 15 Oct 2019 21:37

Tgt Ion:276 Resp: 57991

Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.0	25.4
277	25.0	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPF9

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:44 PM