Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008675.D
Acq On : 20 Nov 2019 23:56
Operator : JU
Sample : K5851-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB2

Manual Integrations APPROVED
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11/21/2019 1:06:38 PM

Quant Time: Nov 21 01:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4143	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	15665	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8714	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	17870	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13240	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13882	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3613	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	8604	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	12958	0.274	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	14059	0.426	ng/ul	99
7) Acenaphthylene	13.95	152	2605	0.054	ng/ul#	87
8) Acenaphthene	14.30	153	12907	0.361	ng/ul	99
9) Fluorene	15.29	166	14876	0.354	ng/ul	98
12) Phenanthrene	17.02	178	315259	5.231	ng/ul	98
13) Anthracene	17.11	178	64909	1.140	ng/ul	99
15) Fluoranthene	19.05	202	569917	7.697	ng/ul	95
17) Pyrene	19.41	202	501165	9.435	ng/ul	98
18) Benzo(a)anthracene	21.16	228	257357	4.833	ng/ul	99
19) Chrysene	21.22	228	271248	5.187	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	333145m	5.820	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	108338m	1.908	ng/ul	
23) Benzo(a)pyrene	23.25	252	232409	4.325	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.49	276	163959	2.609	ng/ul	95
25) Dibenzo(a,h)anthracene	25.50	278	40206	0.792	ng/ul	96
26) Benzo(g,h,i)perylene	26.14	276	164584	3.131	ng/ul	99

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

Quantitation Report (QT Reviewed)

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ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 21 01:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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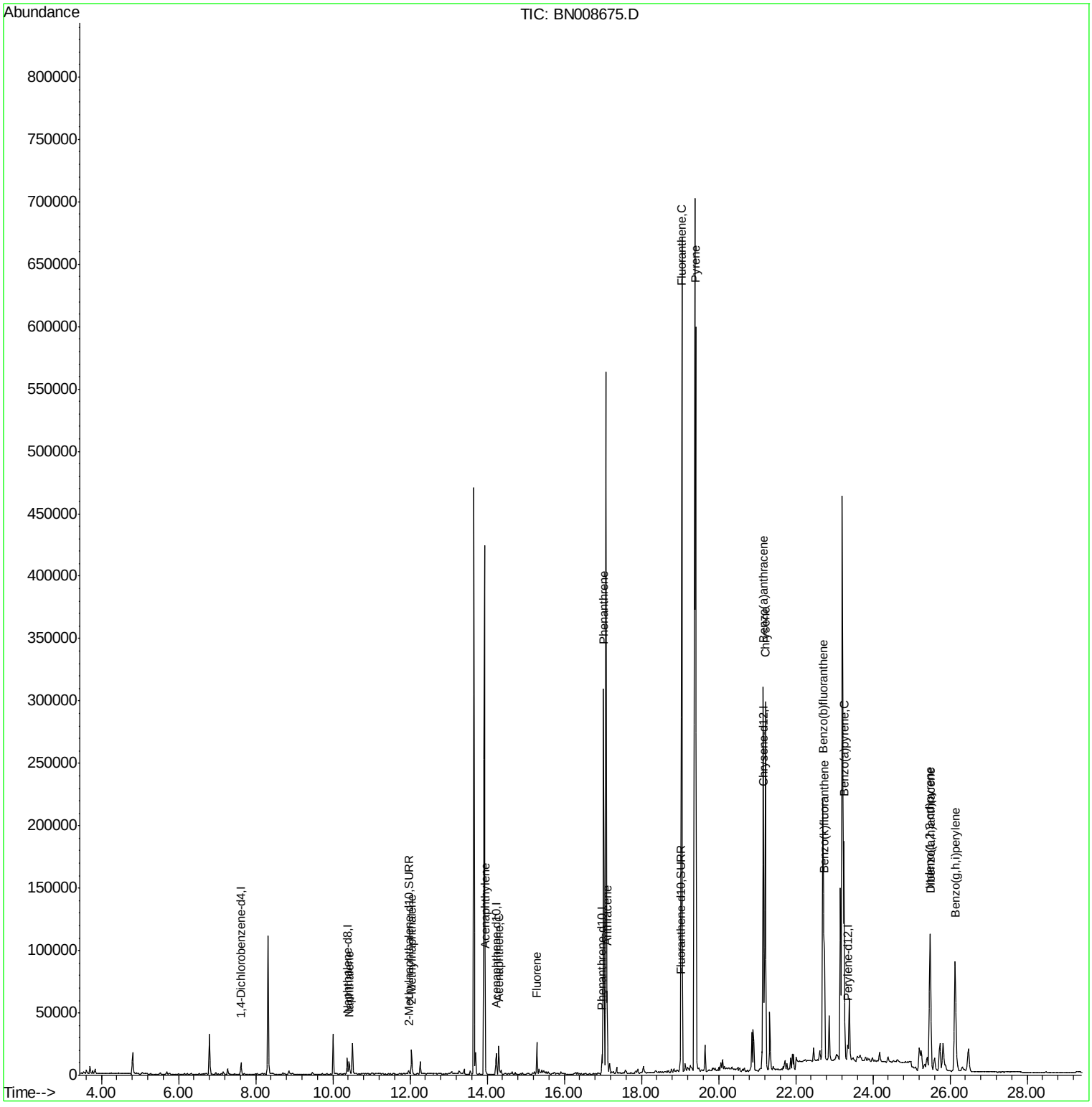
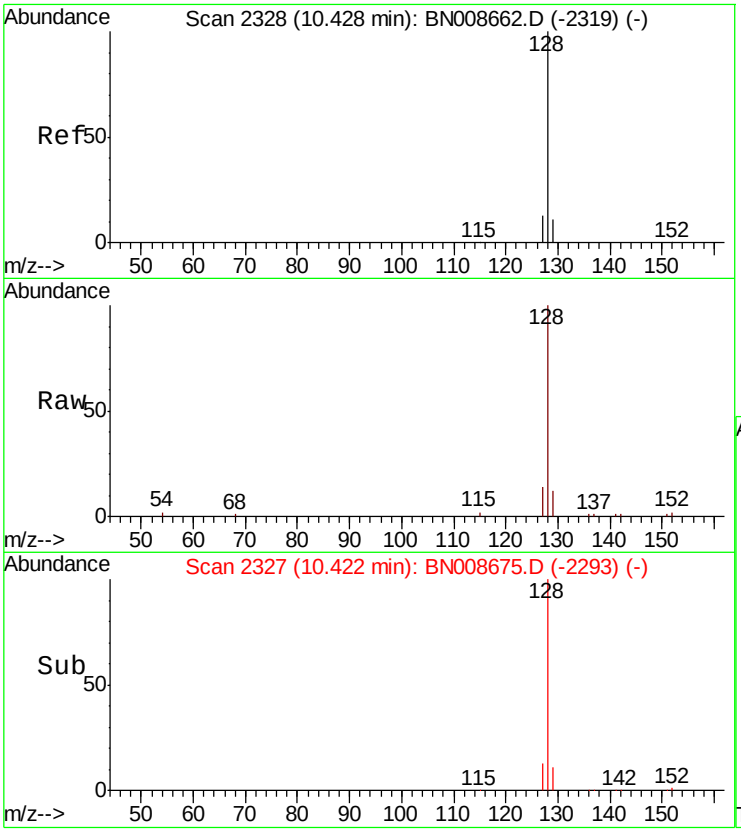
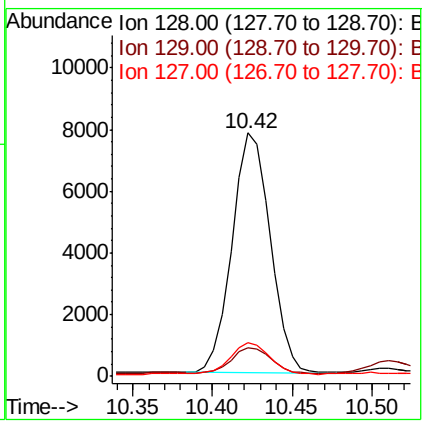




#3
Naphthalene
Concen: 0.274 ng/ul
RT: 10.42 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:128 Resp: 12958

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.7	14.5
127	13.8	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
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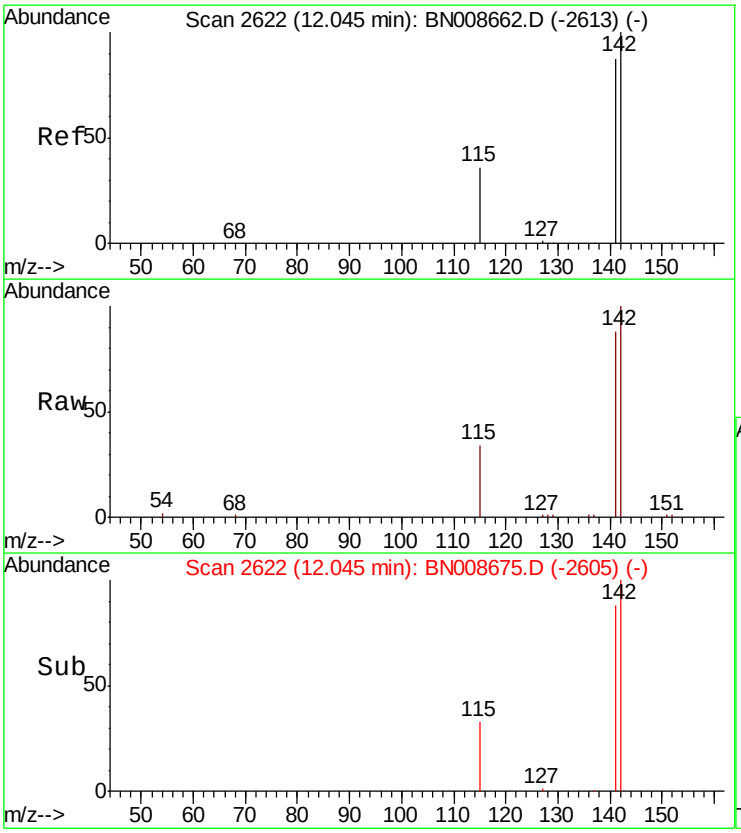
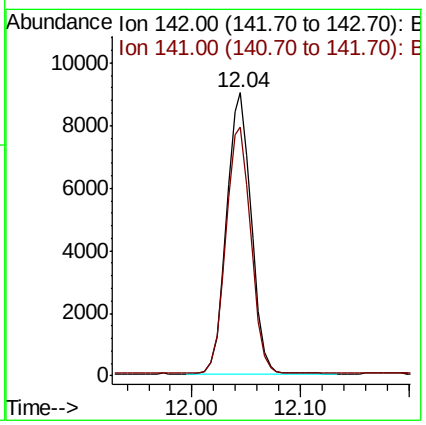
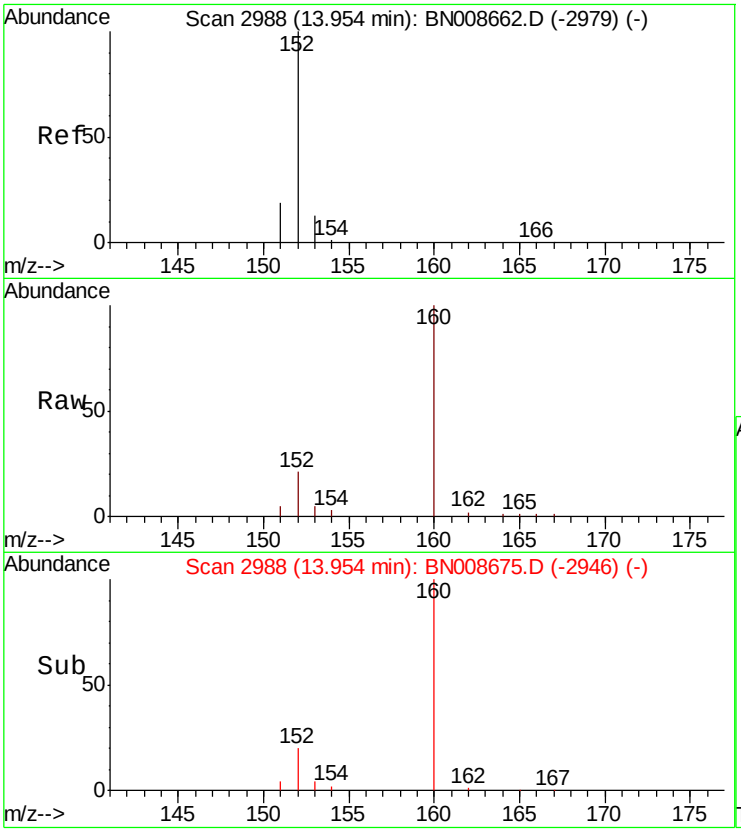


#5
2-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.04 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:142 Resp: 14059

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.5	105.7





#7
Acenaphthylene
Concen: 0.054 ng/ul
RT: 13.95 min Scan# 2988
Delta R.T. -0.00 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:152 Resp: 2605

Ion	Ratio	Lower	Upper
152	100		
151	23.8	16.6	24.8
153	22.6	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0AB2

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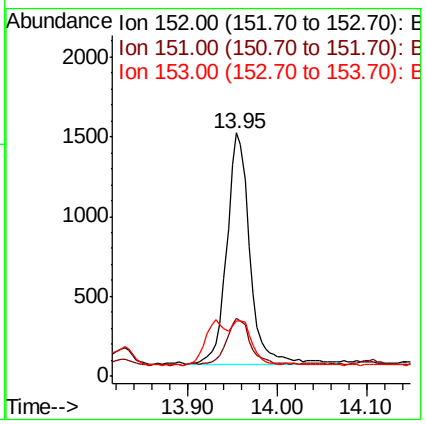
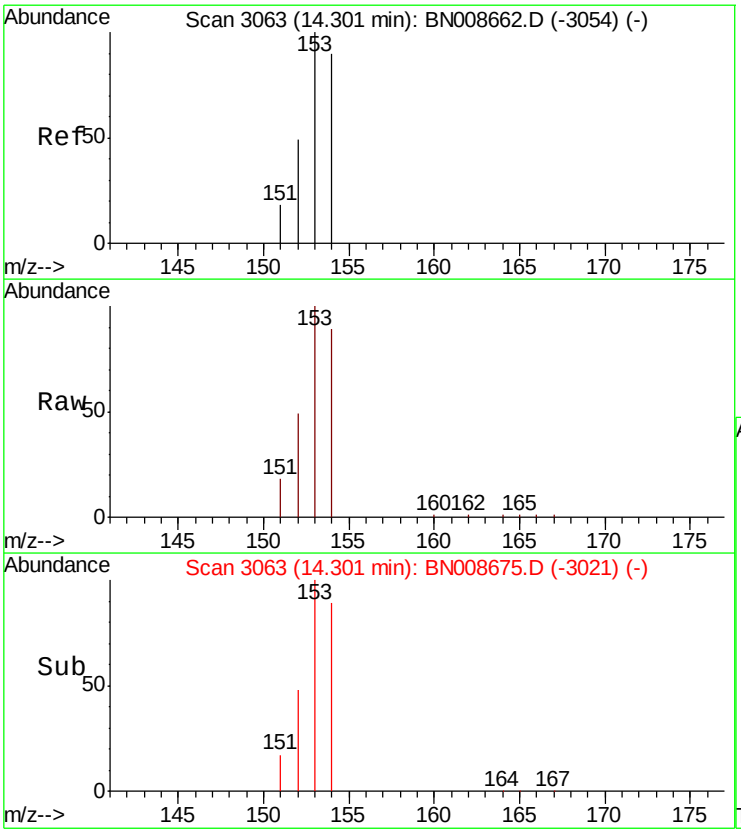
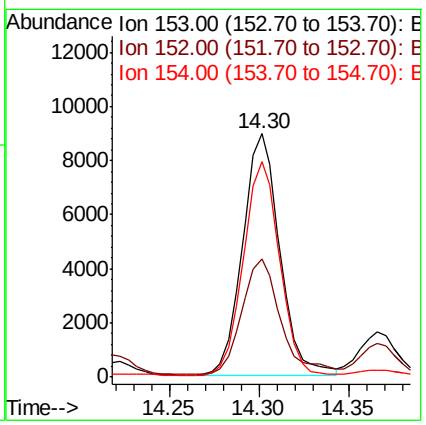


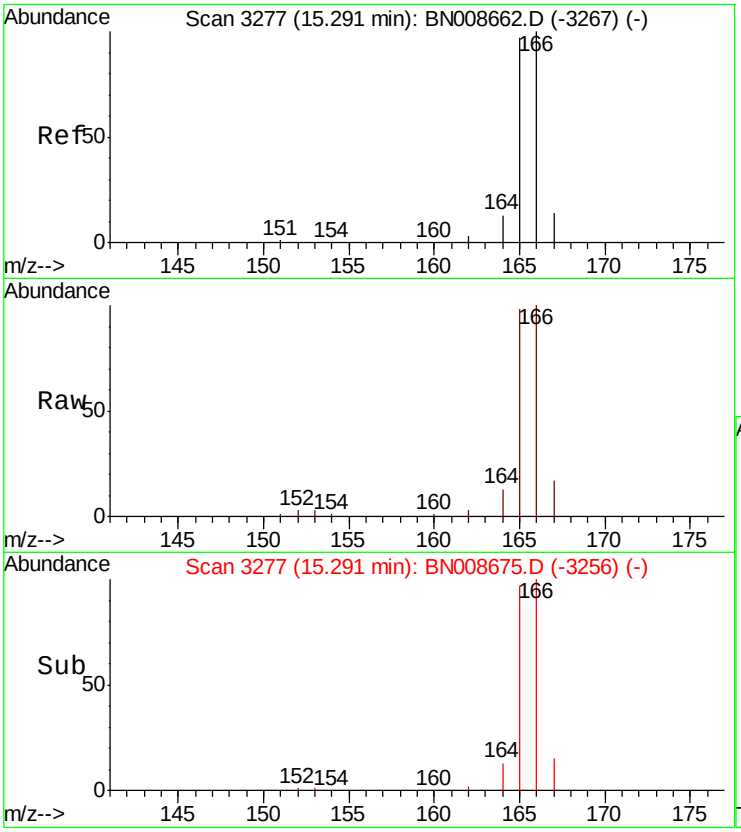


#8
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.30 min Scan# 3063
Delta R.T. -0.00 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:153 Resp: 12907

Ion	Ratio	Lower	Upper
153	100		
152	48.6	39.6	59.4
154	88.6	70.6	106.0

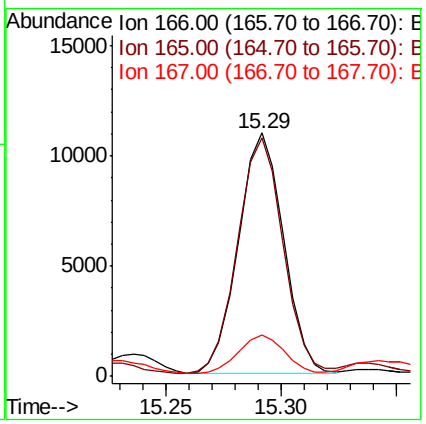




#9
Fluorene
Concen: 0.354 ng/ul
RT: 15.29 min Scan# 3277
Delta R.T. -0.00 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:166 Resp: 14876

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.4	116.0
167	17.0	11.4	17.0



Instrument :
BNA_N
ClientSampleId :
C0AB2

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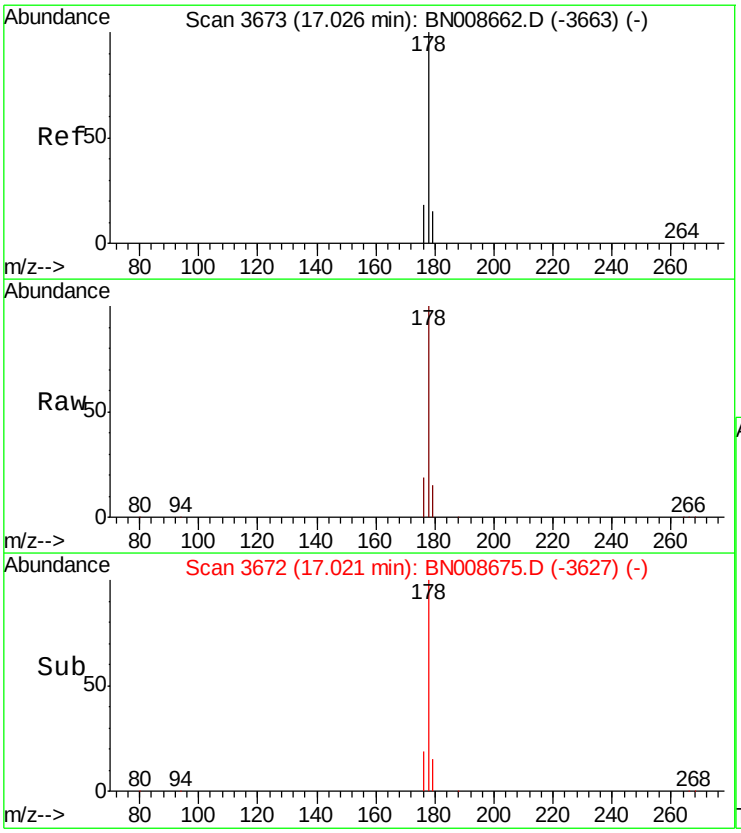
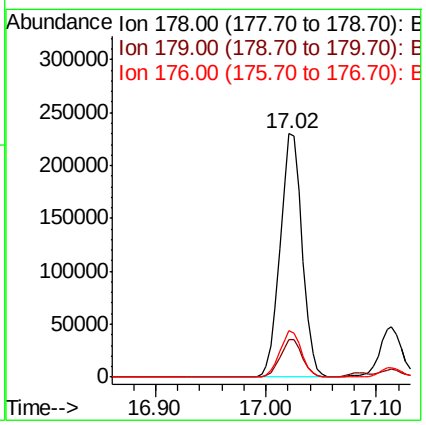
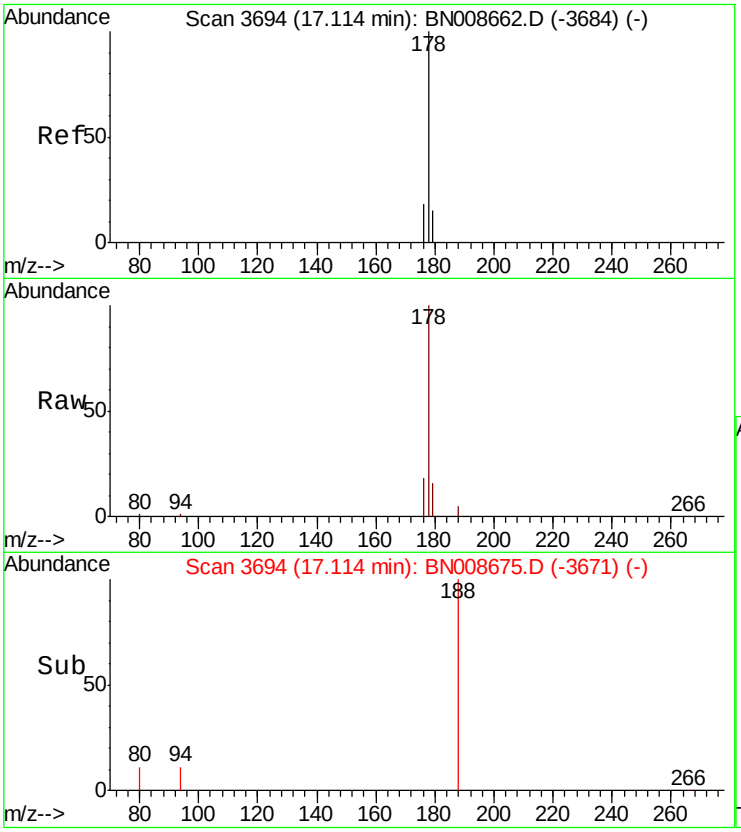


#12
Phenanthrene
Concen: 5.231 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:178 Resp: 315259

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.9	16.0	24.0

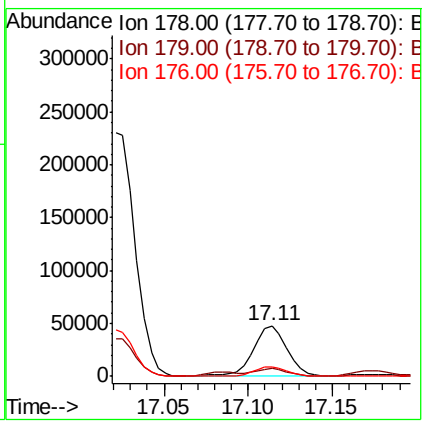




#13
Anthracene
Concen: 1.140 ng/ul
RT: 17.11 min Scan# 3694
Delta R.T. -0.00 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:178 Resp: 64909

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.4
176	18.3	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AB2

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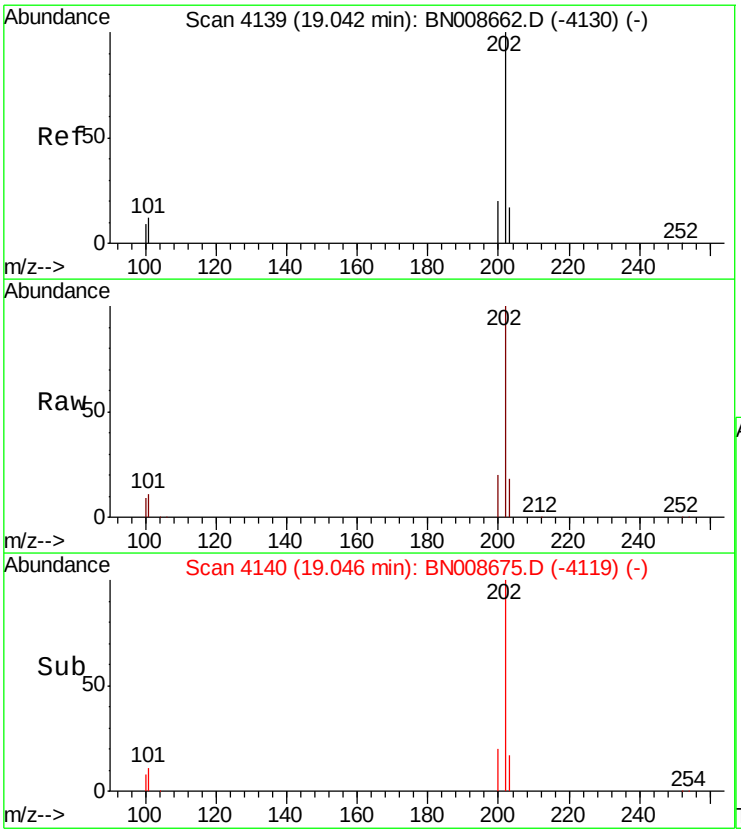
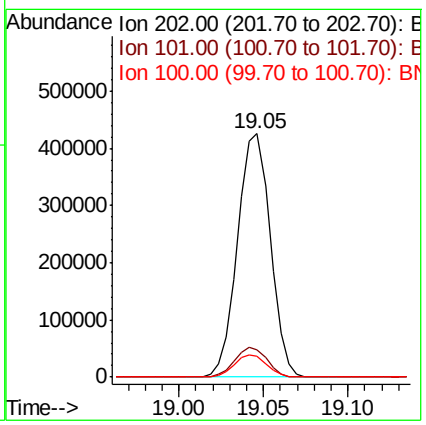
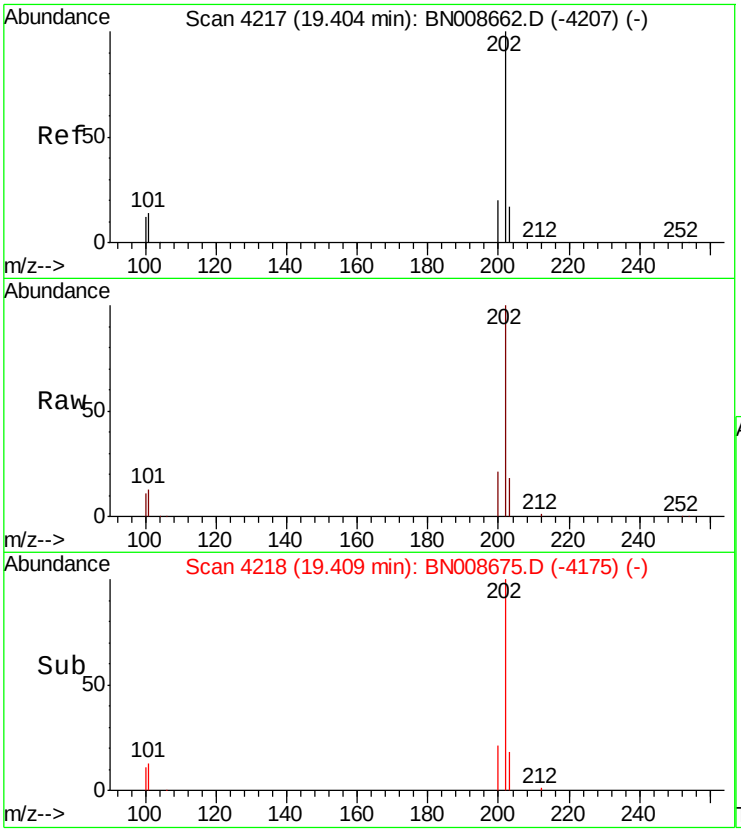


#15
Fluoranthene
Concen: 7.697 ng/ul
RT: 19.05 min Scan# 4140
Delta R.T. -0.00 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:202 Resp: 569917

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	29.6
100	8.5	0.0	27.0





#17
Pyrene
Concen: 9.435 ng/ul
RT: 19.41 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:202 Resp: 501165

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.2	15.2
100	10.7	8.2	12.2

Instrument :
BNA_N
ClientSampleId :
C0AB2

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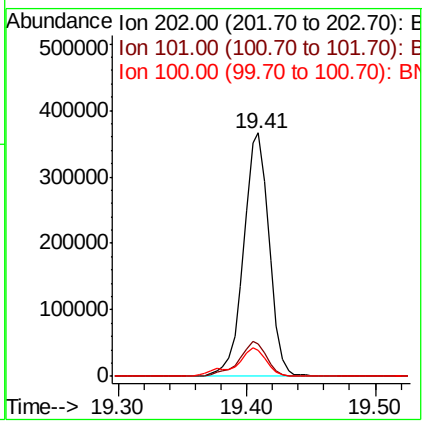
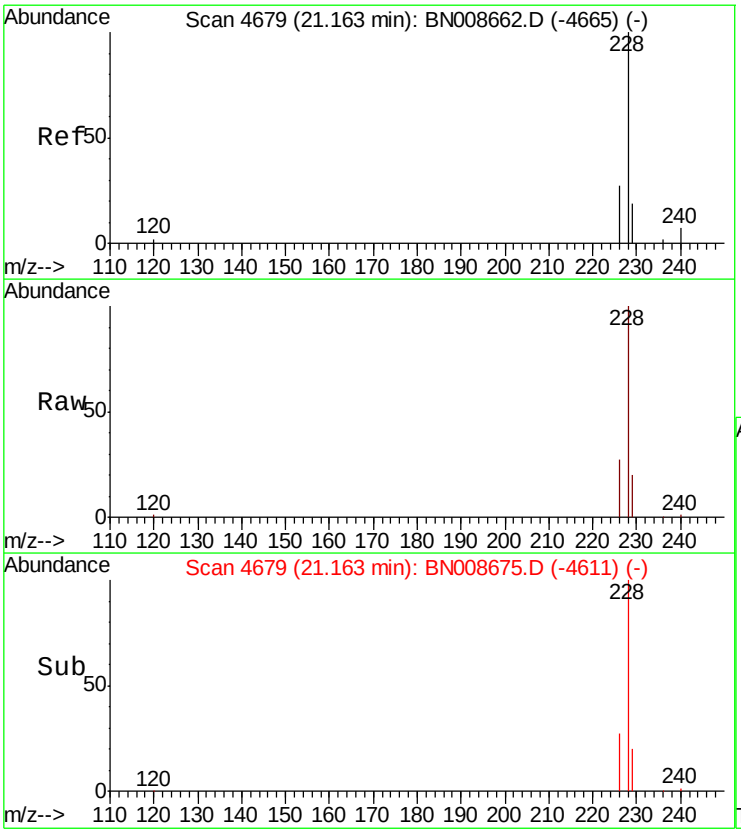
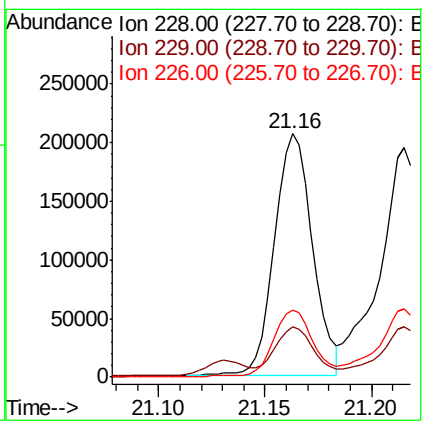


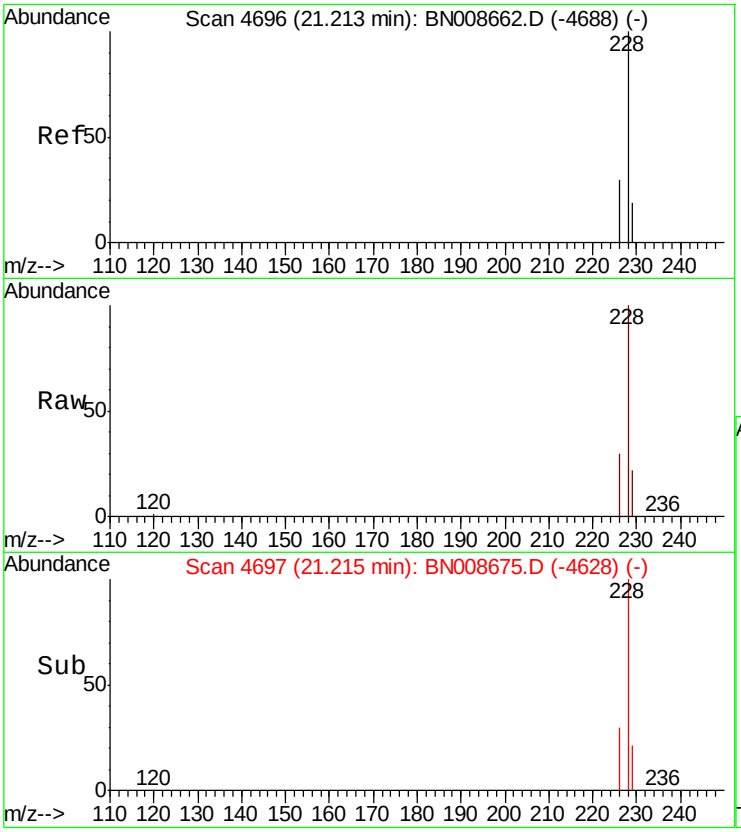


#18
Benzo(a)anthracene
Concen: 4.833 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:228 Resp: 257357

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.6
226	27.5	21.6	32.4

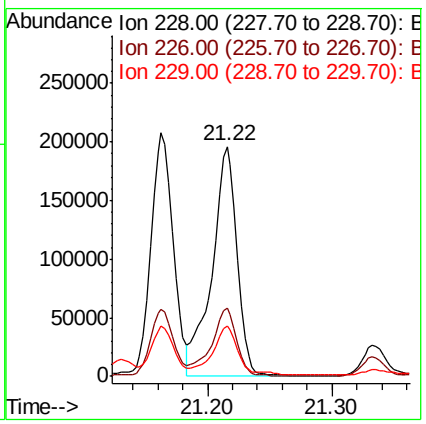




#19
Chrysene
Concen: 5.187 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. 0.00 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:228 Resp: 271248

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	21.8	15.5	23.3



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ClientSampleId :
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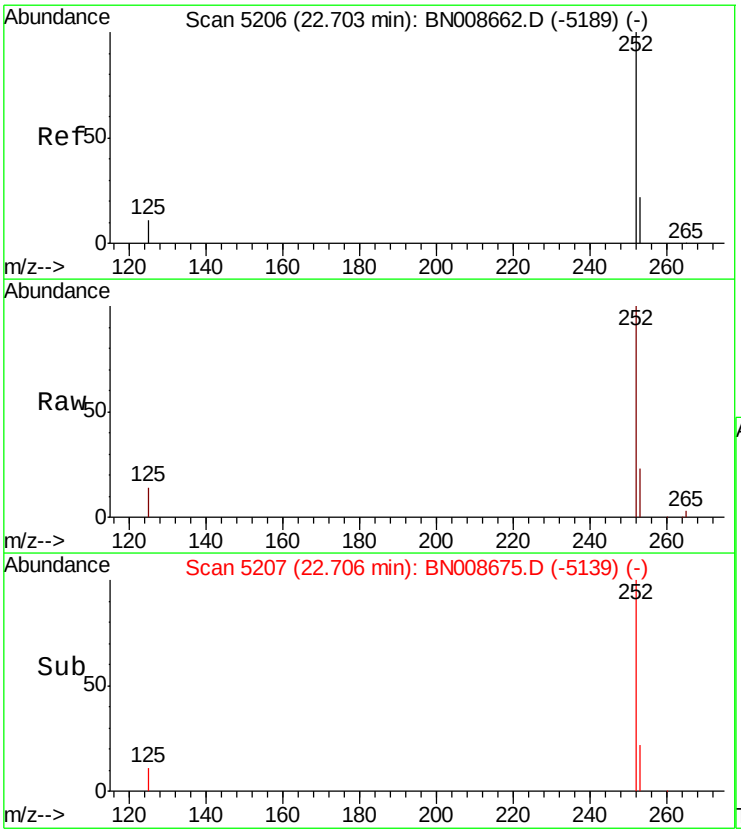
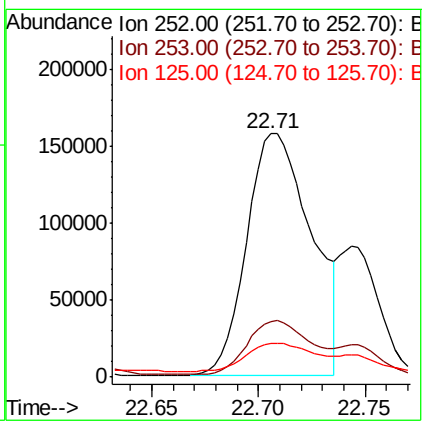
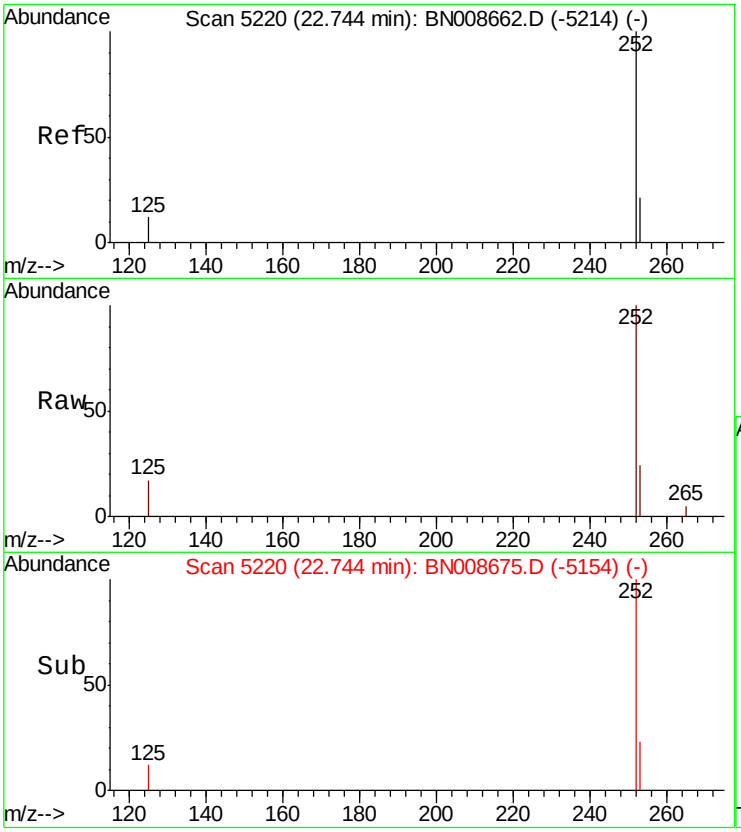


#21
Benzo(b)fluoranthene
Concen: 5.820 ng/ul m
RT: 22.71 min Scan# 5207
Delta R.T. 0.00 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:252 Resp: 333145

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	50.2
125	13.9	0.0	30.0

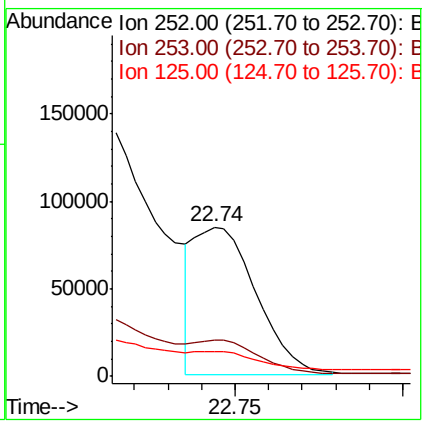




#22
Benzo(k)fluoranthene
Concen: 1.908 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:252 Resp: 108338

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.5	30.7
125	16.9	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
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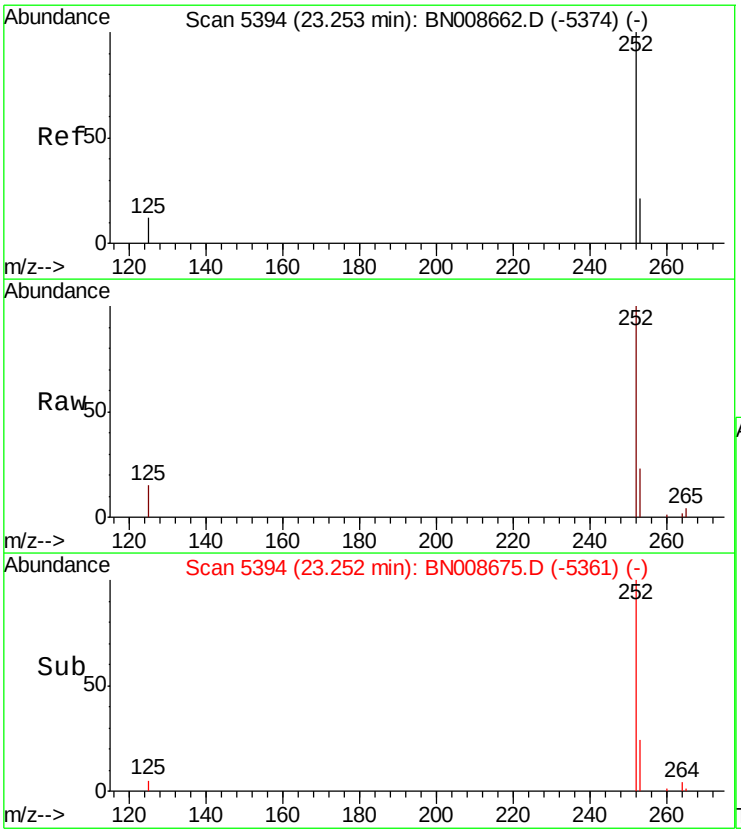
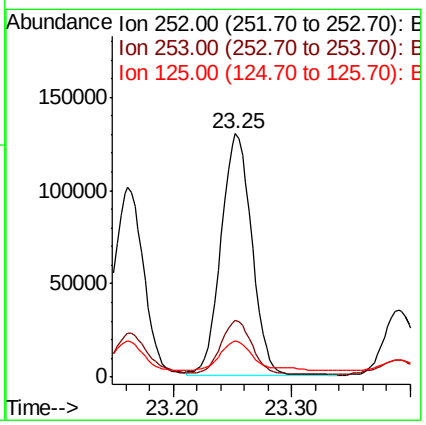
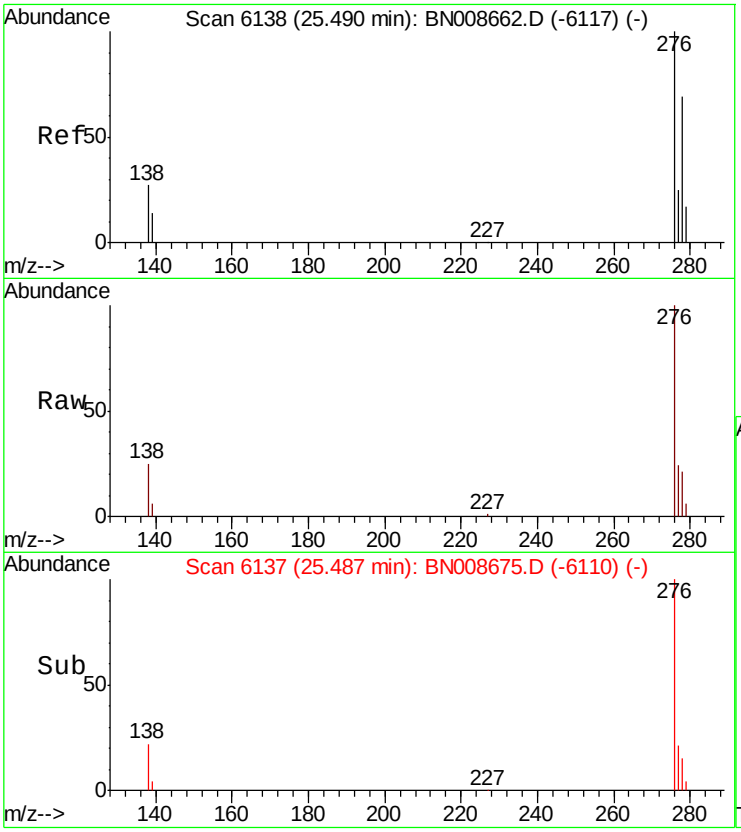


#23
Benzo(a)pyrene
Concen: 4.325 ng/ul
RT: 23.25 min Scan# 5394
Delta R.T. -0.00 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:252 Resp: 232409

Ion	Ratio	Lower	Upper
252	100		
253	23.2	21.4	32.2
125	14.8	13.8	20.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.609 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:276 Resp: 163959

Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.7	32.5
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
C0AB2

Manual Integrations APPROVED
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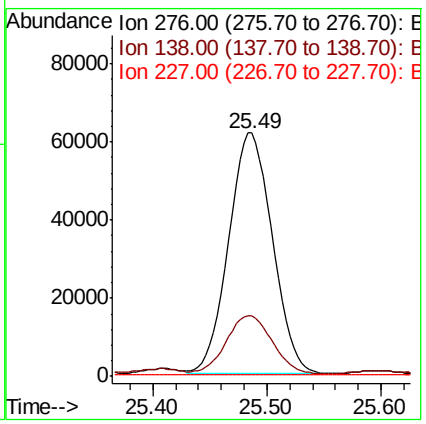
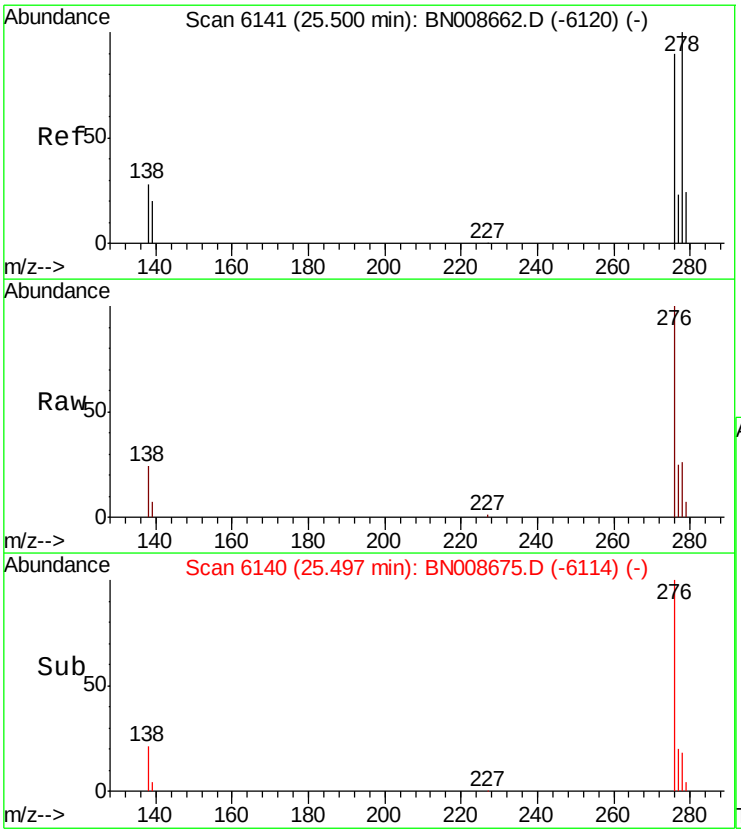
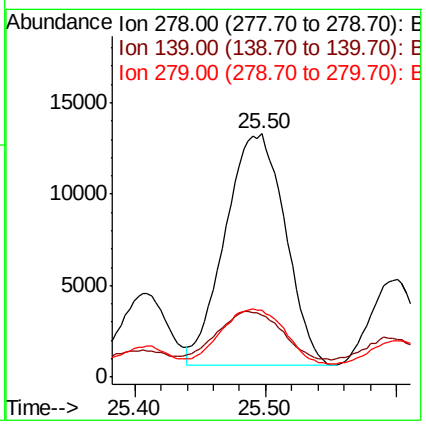


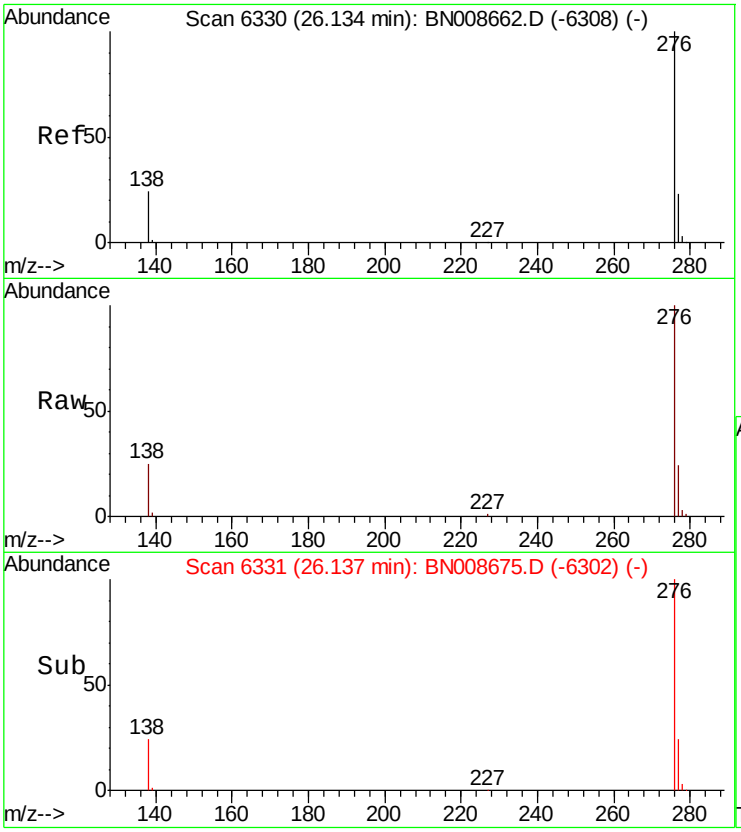


#25
Dibenzo(a,h)anthracene
Concen: 0.792 ng/ul
RT: 25.50 min Scan# 6140
Delta R.T. -0.01 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:278 Resp: 40206

Ion	Ratio	Lower	Upper
278	100		
139	25.6	18.7	28.1
279	27.6	20.8	31.2

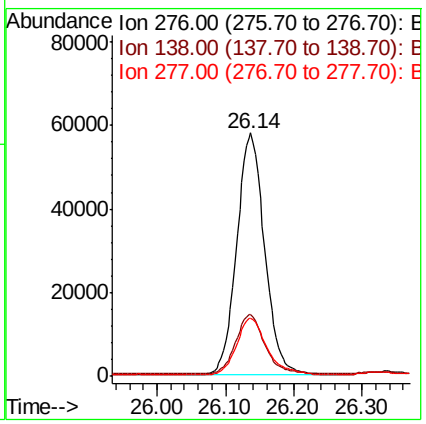




#26
Benzo(g,h,i)perylene
Concen: 3.131 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.00 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:276 Resp: 164584

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.0	30.0
277	24.1	20.0	30.0



Instrument :
BNA_N
ClientSampleId :
C0AB2

Manual Integrations APPROVED
mohammad
11/21/2019 1:06:38 PM