Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008940.D
Acq On : 12 Dec 2019 11:55
Operator : JU
Sample : K6088-16DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP4DL

Manual Integrations APPROVED
mohammad
12/13/2019 8:07:57 AM

Quant Time: Dec 12 13:42:40 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 : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3536	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	14901	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	9601	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	21943	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	18861	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	19636	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	730	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	2294	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	989	0.022	ng/ul#	82
7) Acenaphthylene	13.90	152	10672	0.201	ng/ul	99
8) Acenaphthene	14.25	153	922	0.023	ng/ul	97
9) Fluorene	15.24	166	2880	0.062	ng/ul#	98
12) Phenanthrene	16.97	178	78742	1.064	ng/ul	99
13) Anthracene	17.06	178	13605	0.195	ng/ul	99
15) Fluoranthene	18.99	202	206833	2.275	ng/ul	99
17) Pyrene	19.36	202	173595	2.294	ng/ul	96
18) Benzo(a)anthracene	21.12	228	75642	0.997	ng/ul	98
19) Chrysene	21.17	228	76594	1.028	ng/ul	98
21) Benzo(b)fluoranthene	22.64	252	104139m	1.286	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	40559m	0.505	ng/ul	
23) Benzo(a)pyrene	23.18	252	73703m	0.970	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.38	276	50299	0.566	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.38	278	10720	0.149	ng/ul	95
26) Benzo(g,h,i)perylene	26.02	276	49665	0.668	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008940.D
Acq On : 12 Dec 2019 11:55
Operator : JU
Sample : K6088-16DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 12 13:42:40 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 : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BP4DL

Manual Integrations APPROVED
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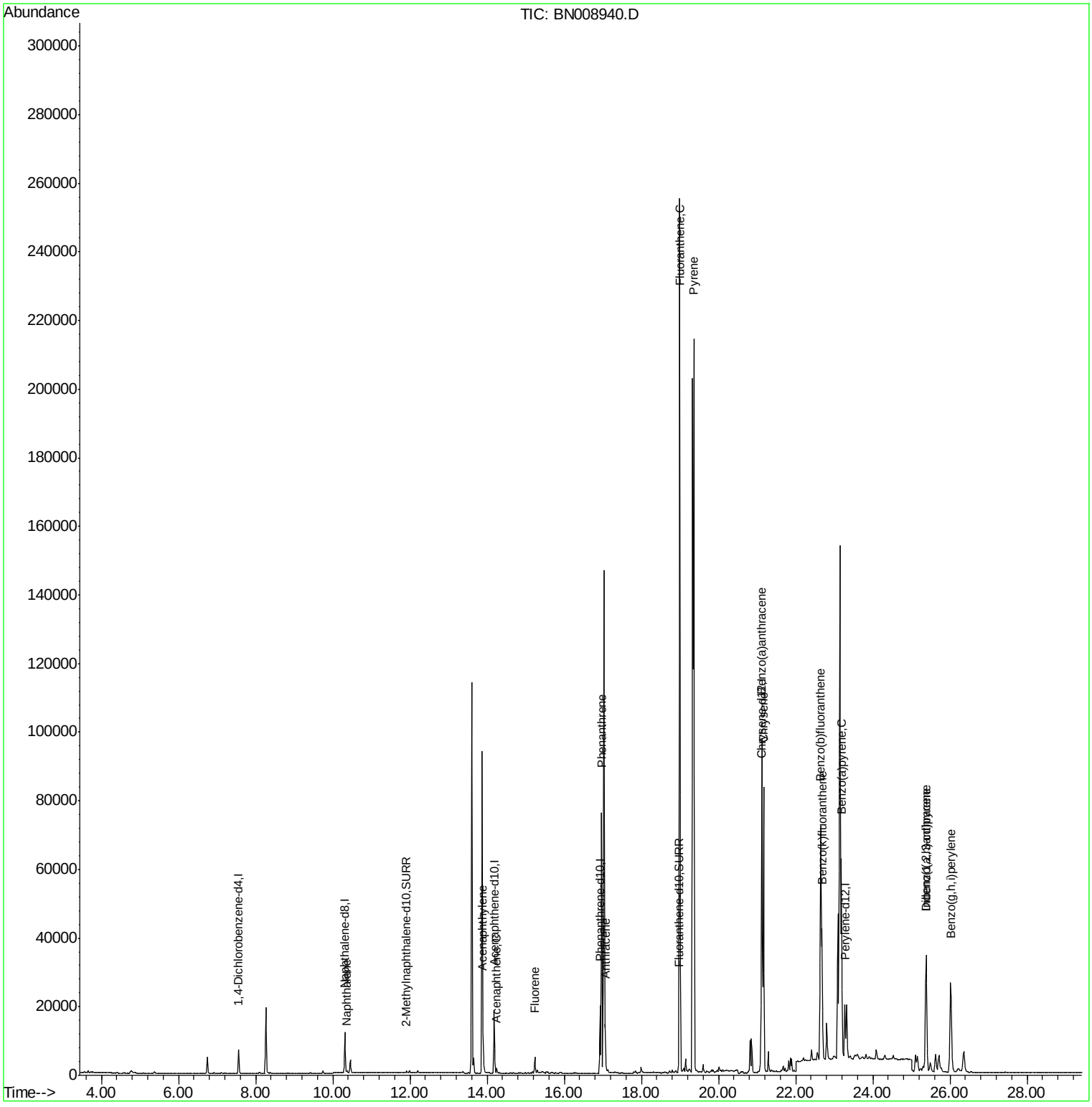
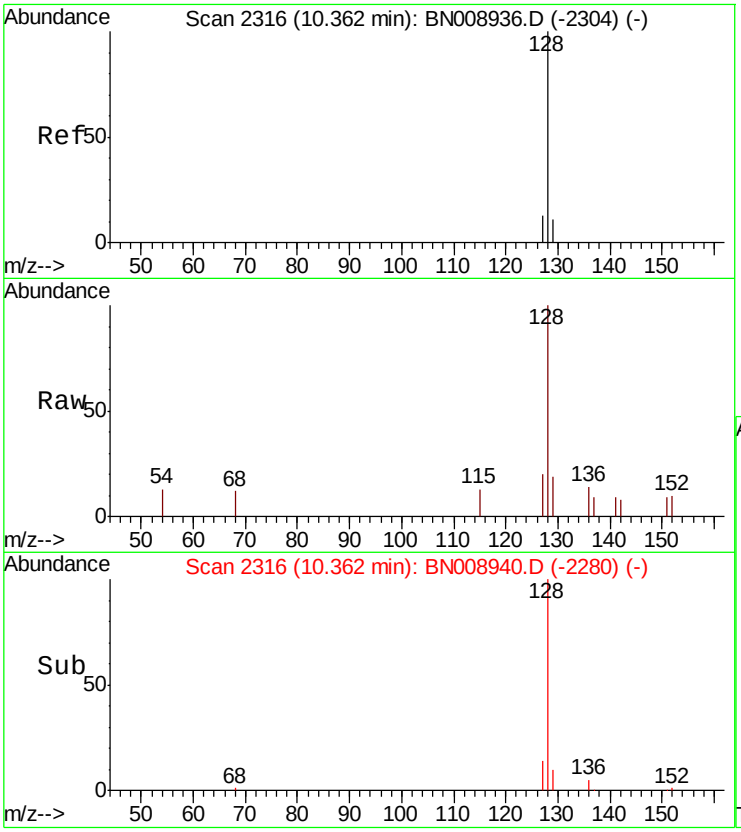
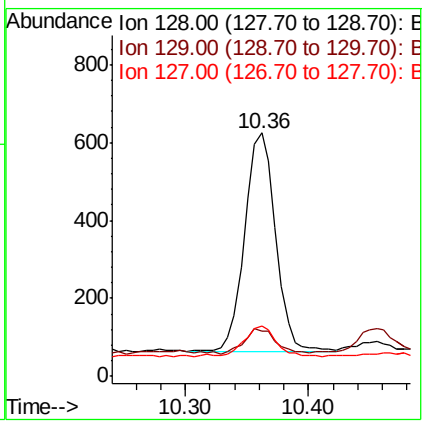




#3
Naphthalene
Concen: 0.022 ng/ul
RT: 10.36 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:128 Resp: 989

Ion	Ratio	Lower	Upper
128	100		
129	18.7	9.1	13.7#
127	20.5	10.7	16.1#



Instrument :
BNA_N
ClientSampleId :
C0BP4DL

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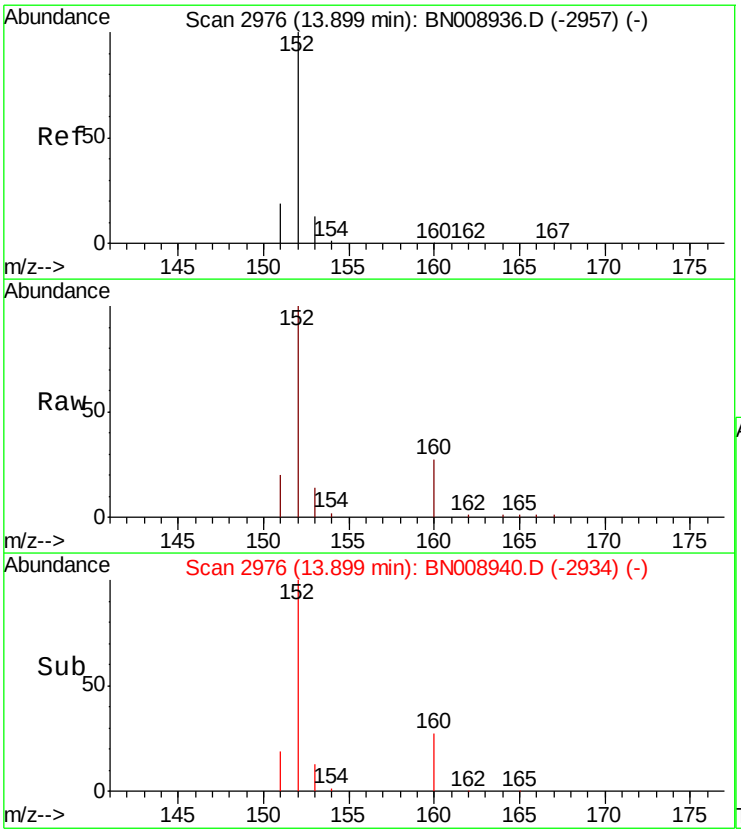
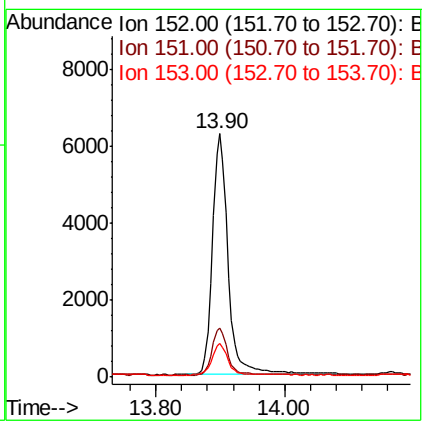
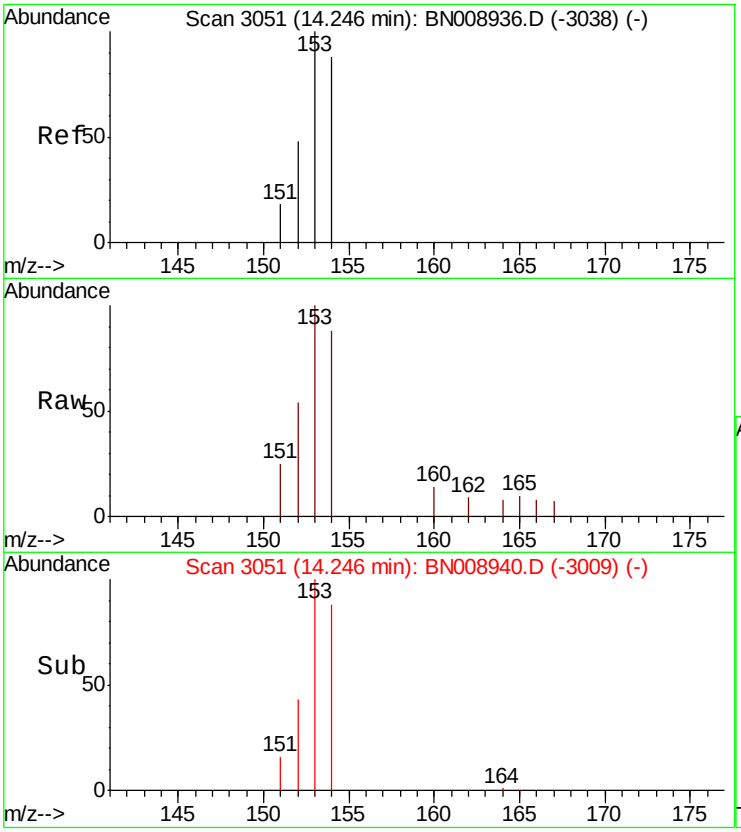


#7
Acenaphthylene
Concen: 0.201 ng/ul
RT: 13.90 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:152 Resp: 10672

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	14.0	10.6	15.8

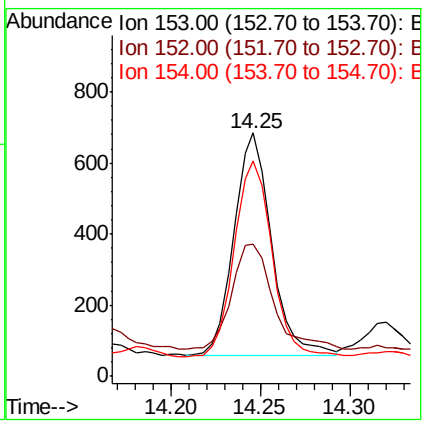




#8
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.25 min Scan# 3051
Delta R.T. -0.00 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:153 Resp: 922

Ion	Ratio	Lower	Upper
153	100		
152	54.3	38.6	58.0
154	88.5	70.6	105.8



Instrument :
BNA_N
ClientSampleId :
C0BP4DL

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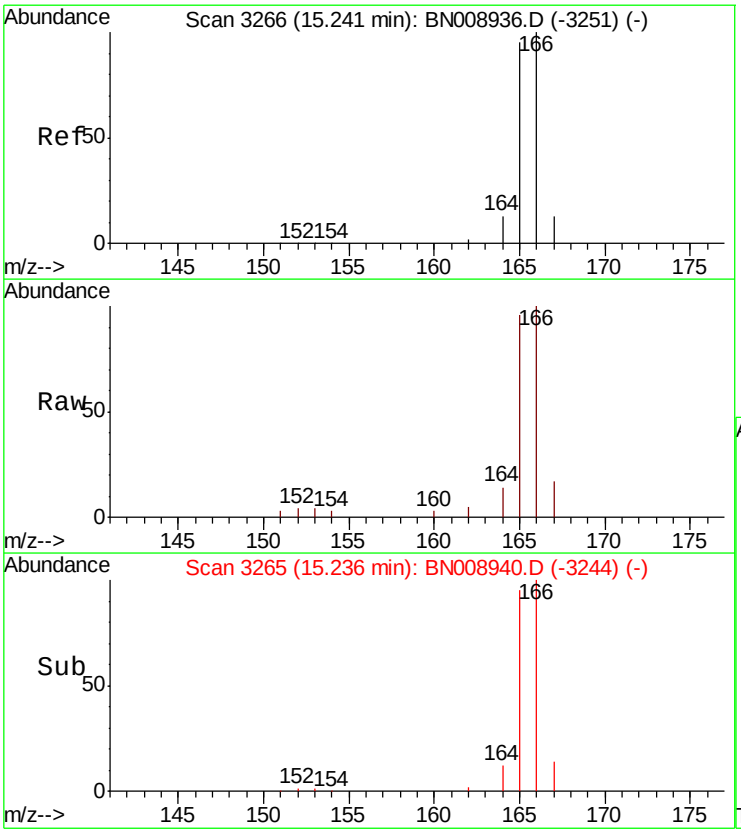
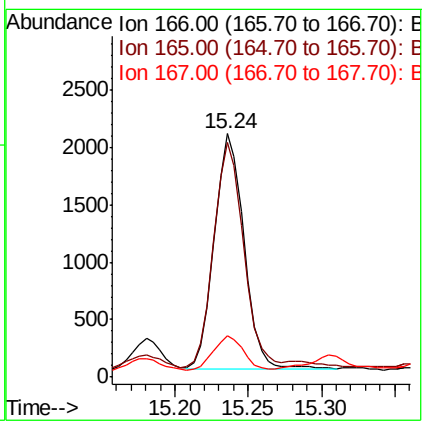
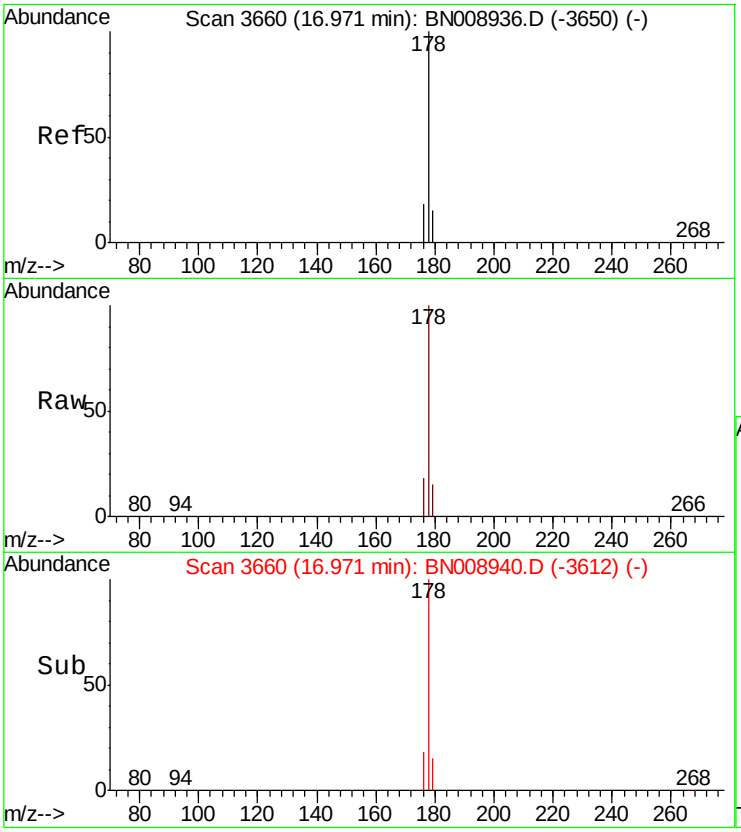


#9
Fluorene
Concen: 0.062 ng/ul
RT: 15.24 min Scan# 3265
Delta R.T. -0.00 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:166 Resp: 2880

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.7	116.5
167	17.2	11.1	16.7#

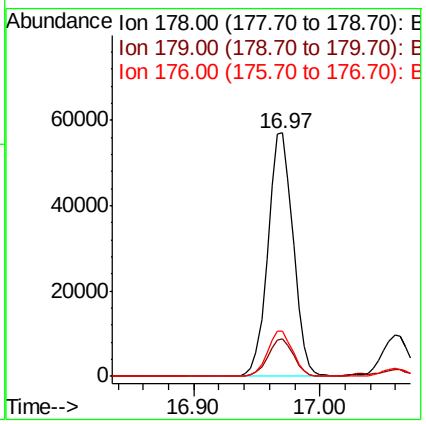




#12
Phenanthrene
Concen: 1.064 ng/ul
RT: 16.97 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:178 Resp: 78742

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	18.4	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0BP4DL

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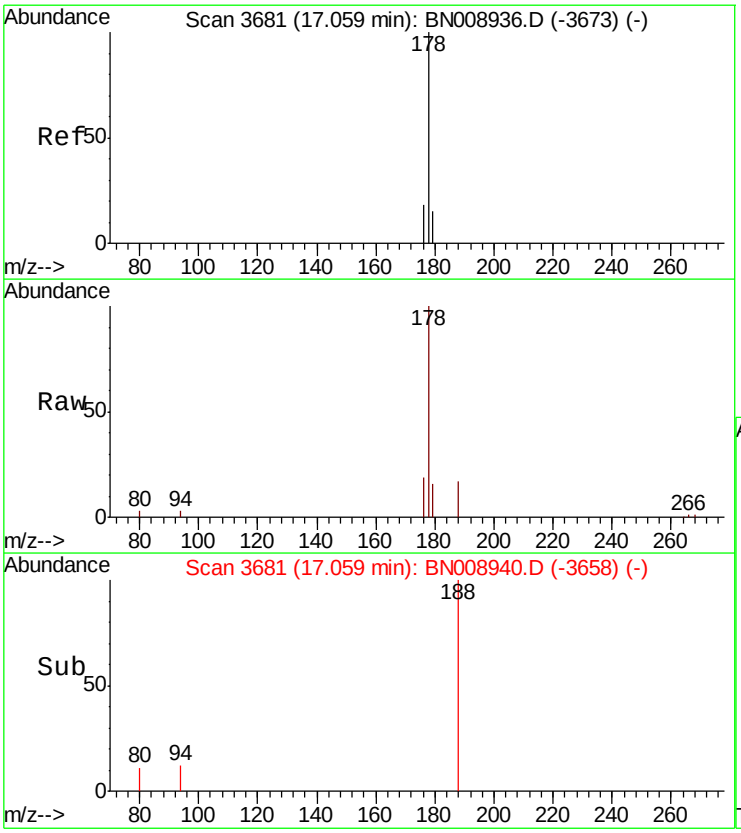
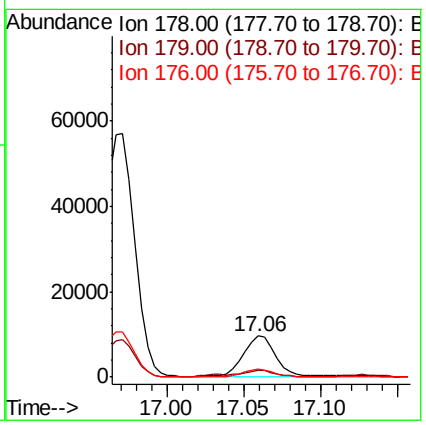
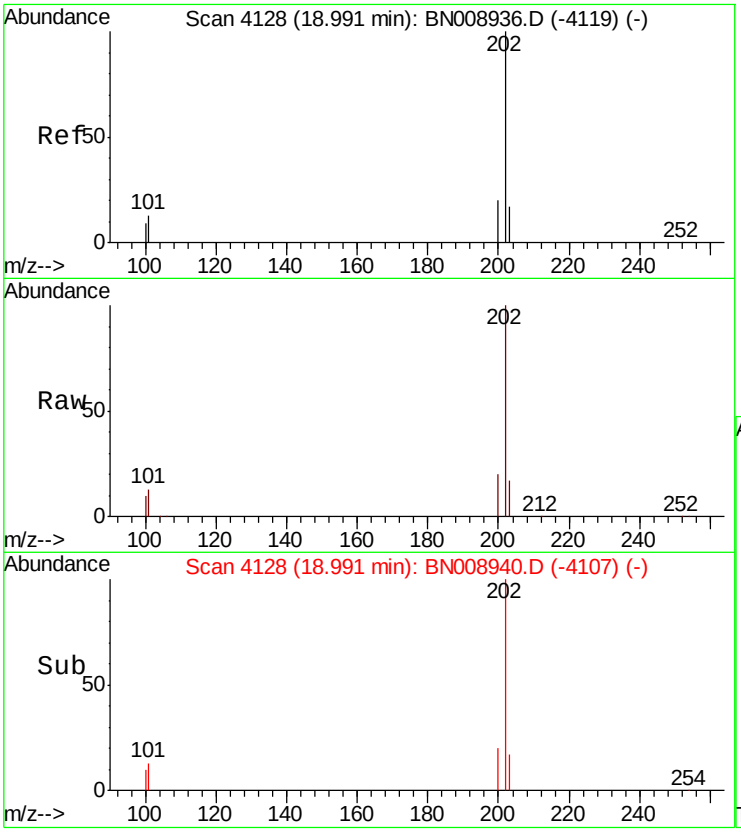


#13
Anthracene
Concen: 0.195 ng/ul
RT: 17.06 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:178 Resp: 13605

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	18.7	14.7	22.1

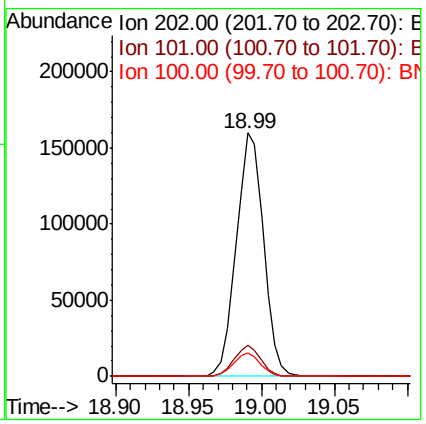




#15
Fluoranthene
Concen: 2.275 ng/ul
RT: 18.99 min Scan# 4128
Delta R.T. -0.00 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:202 Resp: 206833

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.4
100	9.7	0.0	29.2



Instrument :
BNA_N
ClientSampleId :
C0BP4DL

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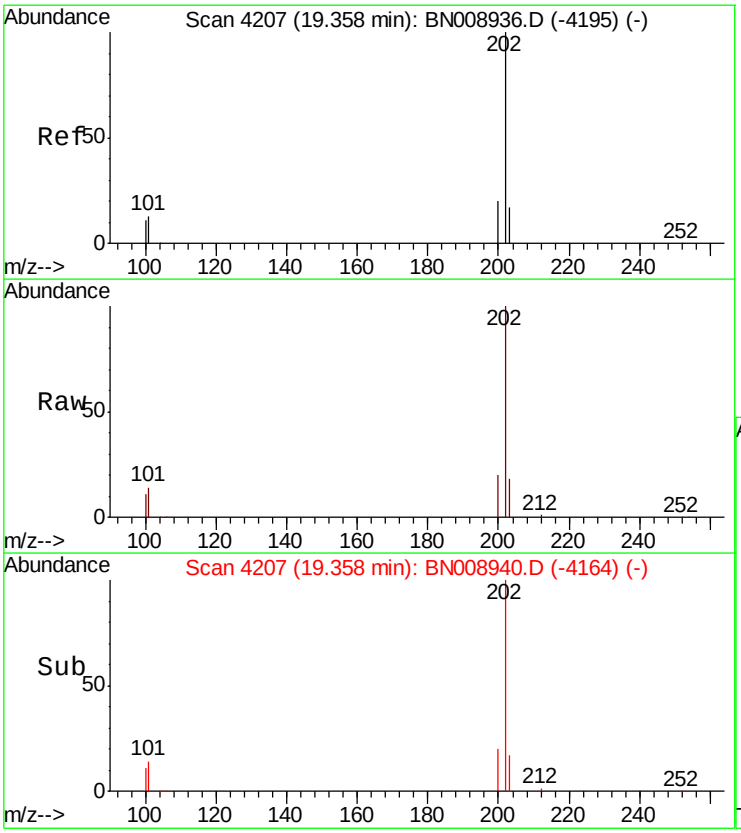
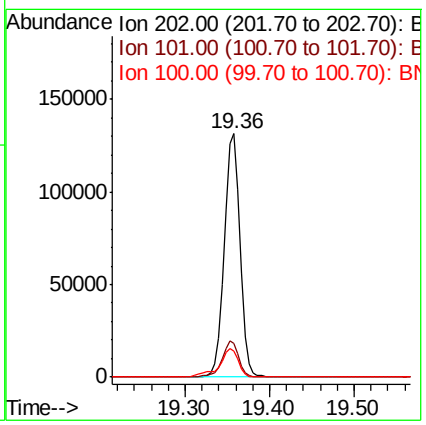
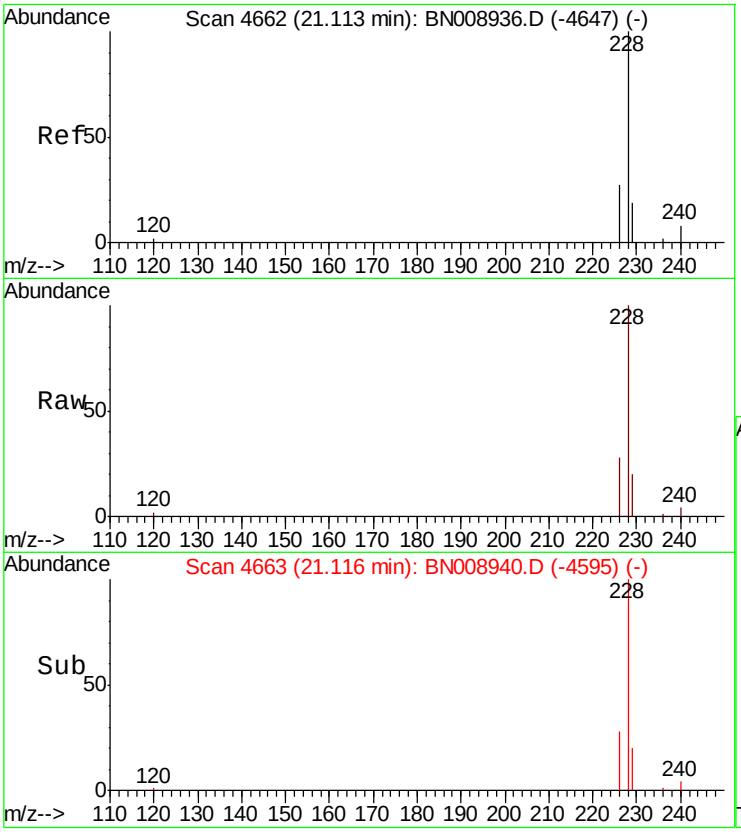


#17
Pyrene
Concen: 2.294 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:202 Resp: 173595

Ion	Ratio	Lower	Upper
202	100		
101	13.6	12.2	18.4
100	10.8	9.5	14.3

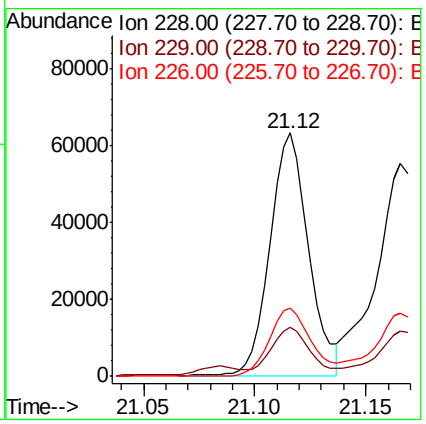




#18
Benzo(a)anthracene
Concen: 0.997 ng/ul
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:228 Resp: 75642

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	28.2	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
C0BP4DL

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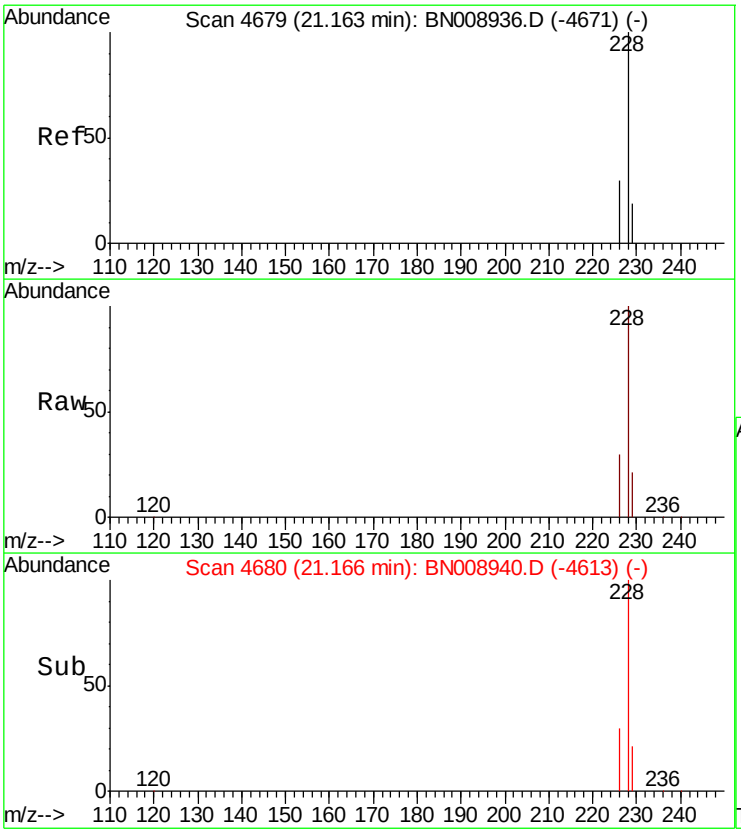
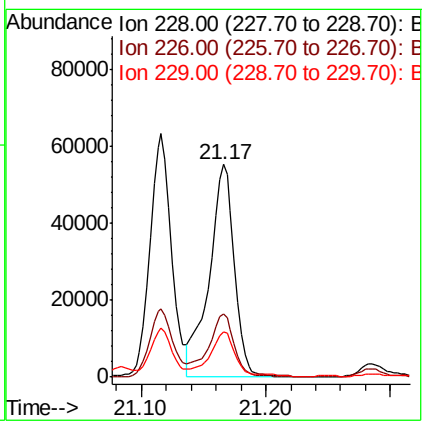
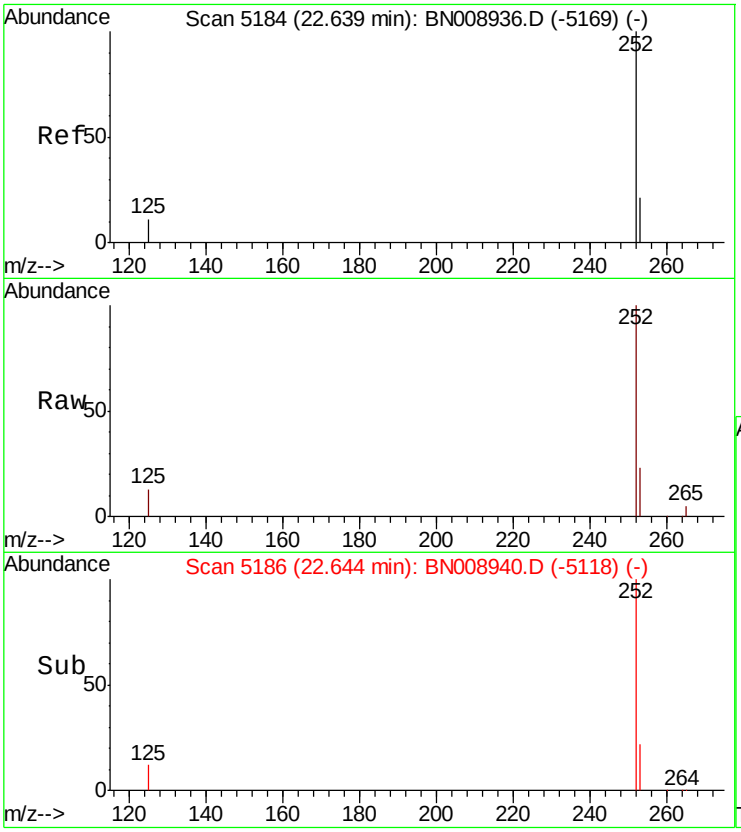


#19
Chrysene
Concen: 1.028 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.01 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:228 Resp: 76594

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	21.3	15.6	23.4

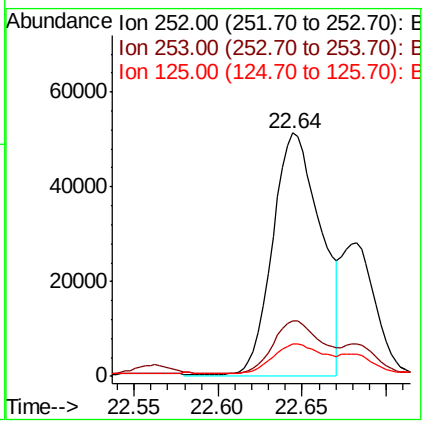




#21
Benzo(b)fluoranthene
Concen: 1.286 ng/ul m
RT: 22.64 min Scan# 5186
Delta R.T. -0.00 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:252 Resp: 104139

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	48.6
125	13.1	0.0	31.6



Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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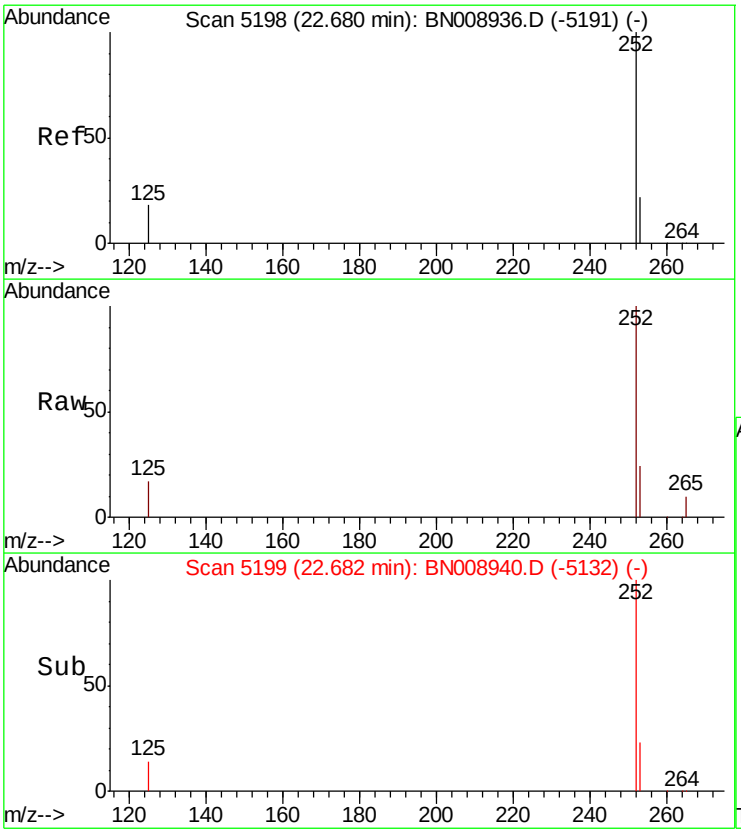
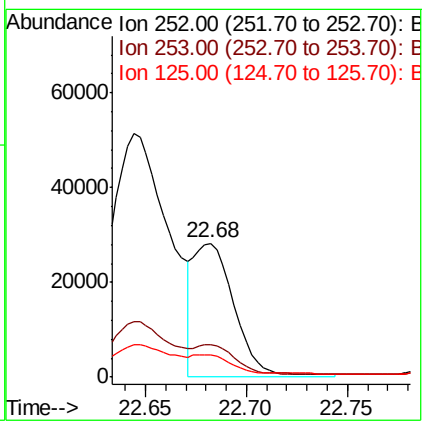
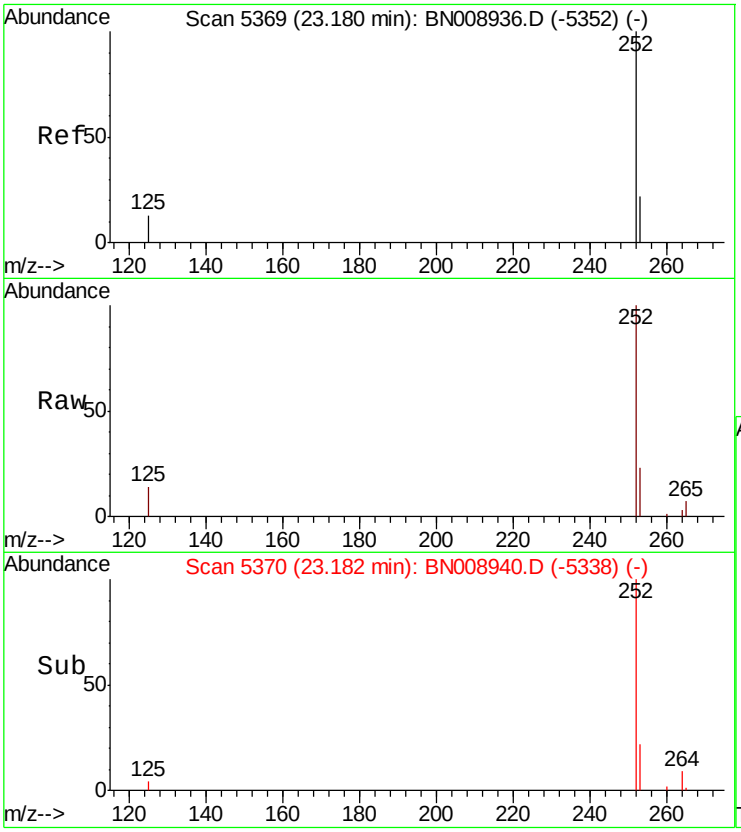


#22
Benzo(k)fluoranthene
Concen: 0.505 ng/ul m
RT: 22.68 min Scan# 5199
Delta R.T. -0.01 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:252 Resp: 40559

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.6	29.4
125	16.5	13.8	20.6





#23
Benzo(a)pyrene
Concen: 0.970 ng/ul m
RT: 23.18 min Scan# 5370
Delta R.T. -0.01 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:252 Resp: 73703

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.9	29.9
125	13.6	14.6	22.0#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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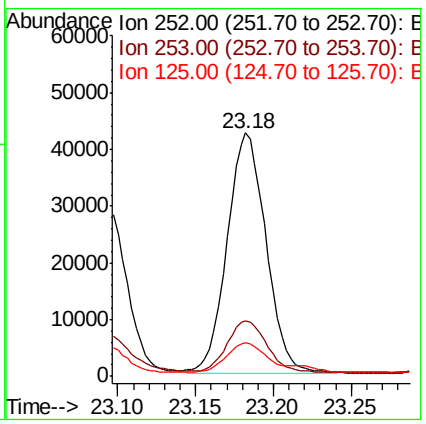
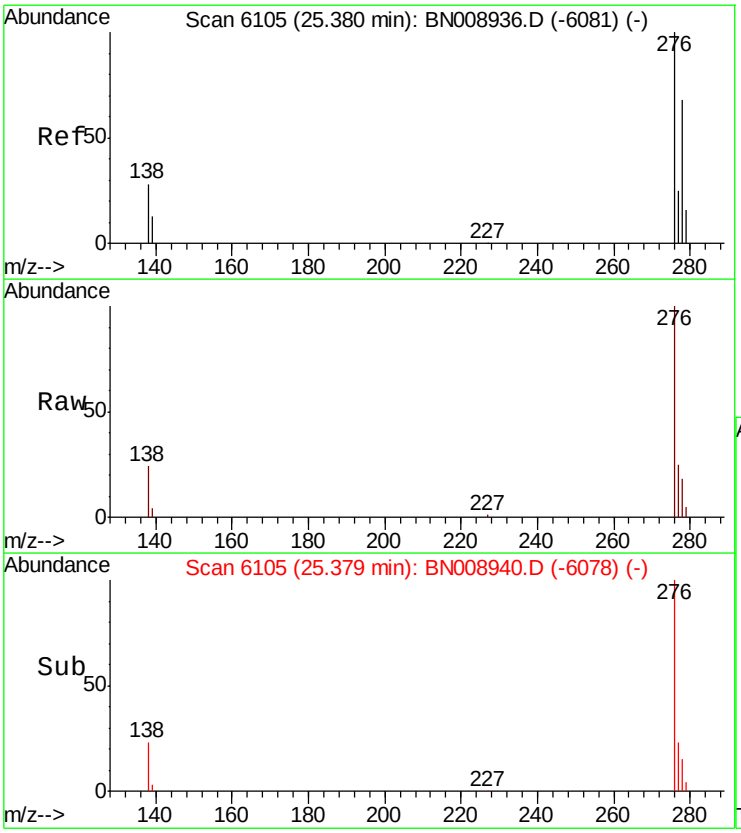
12/13/2019 8:07:57 AM

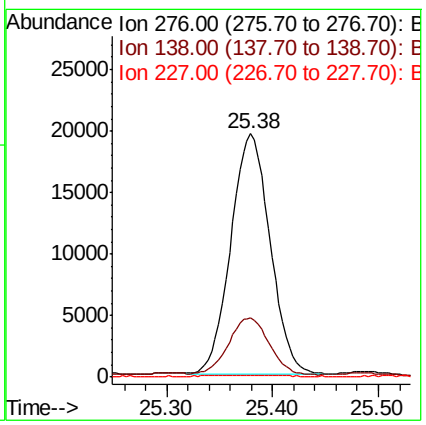


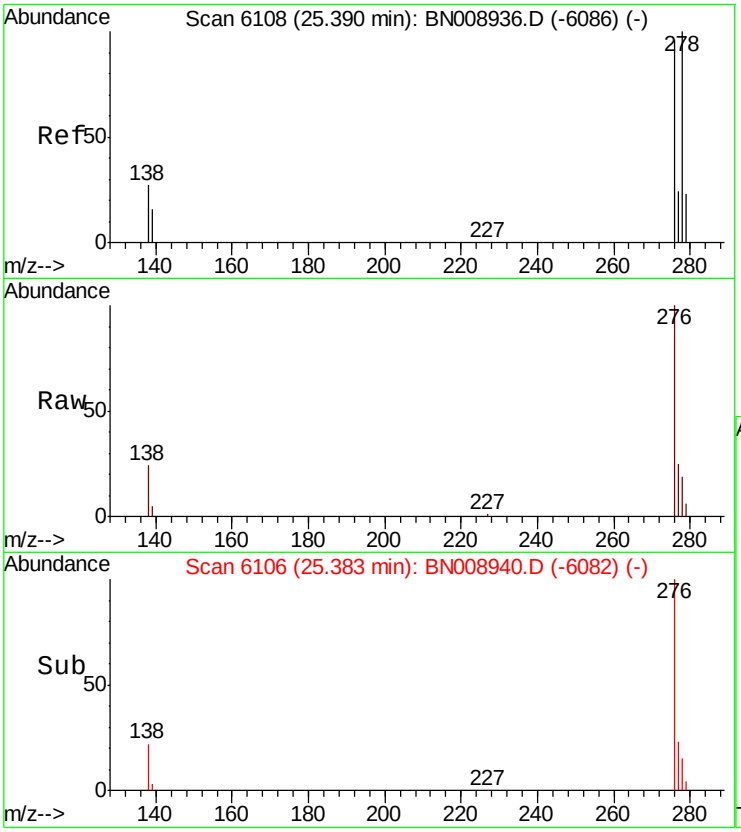


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.566 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:276 Resp: 50299

Ion	Ratio	Lower	Upper
276	100		
138	24.5	23.8	35.6
227	0.3	0.2	0.2#

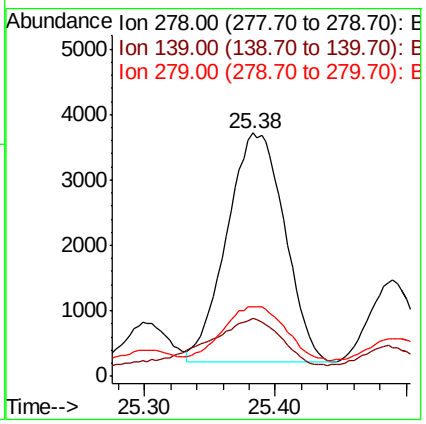




#25
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 25.38 min Scan# 6106
Delta R.T. -0.02 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:278 Resp: 10720

Ion	Ratio	Lower	Upper
278	100		
139	23.6	17.4	26.0
279	28.7	20.5	30.7



Instrument :
BNA_N
ClientSampleId :
C0BP4DL

Manual Integrations APPROVED
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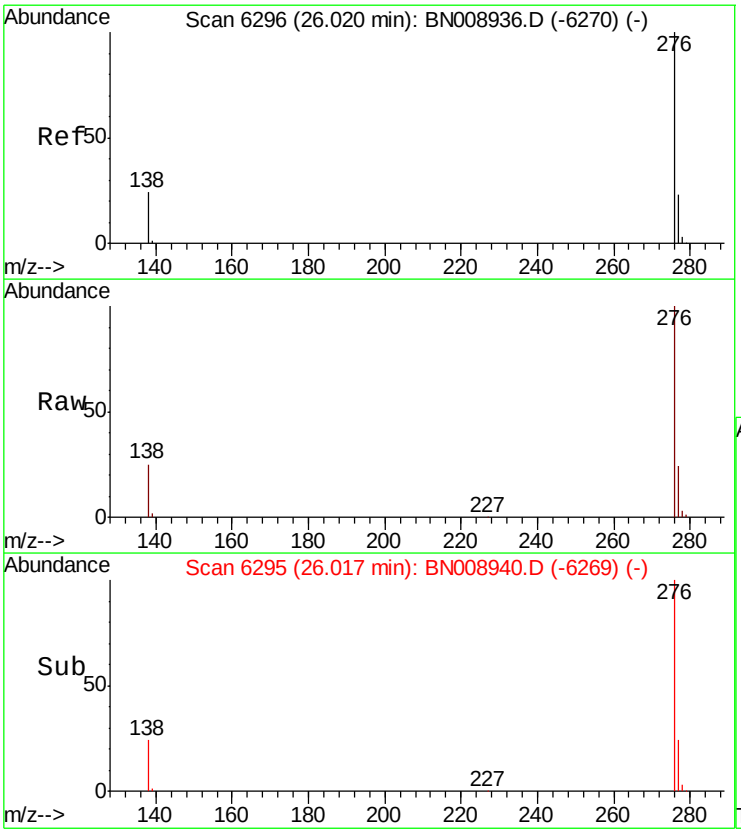
12/13/2019 8:07:57 AM



#26
Benzo(g,h,i)perylene
Concen: 0.668 ng/ul
RT: 26.02 min Scan# 6295
Delta R.T. -0.01 min
Lab File: BN008940.D
Acq: 12 Dec 2019 11:55

Tgt Ion:276 Resp: 49665

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.9	32.9
277	24.4	19.9	29.9