Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009064.D
Acq On : 20 Dec 2019 12:42
Operator : JU
Sample : K6171-19
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BZ9

Manual Integrations APPROVED
mohammad
12/23/2019 8:02:18 AM

Quant Time: Dec 20 15:29:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3505	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	13576	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	7503	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	15717	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	9421	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	7912	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	3620	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	8224	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.34	128	2233	0.054	ng/ul#	92
5) 2-Methylnaphthalene	11.96	142	1614	0.052	ng/ul	99
7) Acenaphthylene	13.88	152	3720	0.094	ng/ul	94
8) Acenaphthene	14.23	153	2579	0.083	ng/ul	98
9) Fluorene	15.22	166	4141	0.113	ng/ul	99
12) Phenanthrene	16.95	178	121087	2.215	ng/ul	100
13) Anthracene	17.05	178	15130	0.309	ng/ul	99
15) Fluoranthene	18.98	202	319012	5.103	ng/ul	98
17) Pyrene	19.34	202	245548	5.109	ng/ul	99
18) Benzo(a)anthracene	21.10	228	94898	2.268	ng/ul	98
19) Chrysene	21.15	228	111147	2.644	ng/ul	98
21) Benzo(b)fluoranthene	22.63	252	134124m	3.630	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	45942m	1.233	ng/ul	
23) Benzo(a)pyrene	23.16	252	77820	2.404	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.36	276	61187	1.735	ng/ul	91
25) Dibenzo(a,h)anthracene	25.36	278	13263	0.473	ng/ul#	90
26) Benzo(g,h,i)perylene	25.99	276	61105	2.057	ng/ul	98

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

Quantitation Report (QT Reviewed)

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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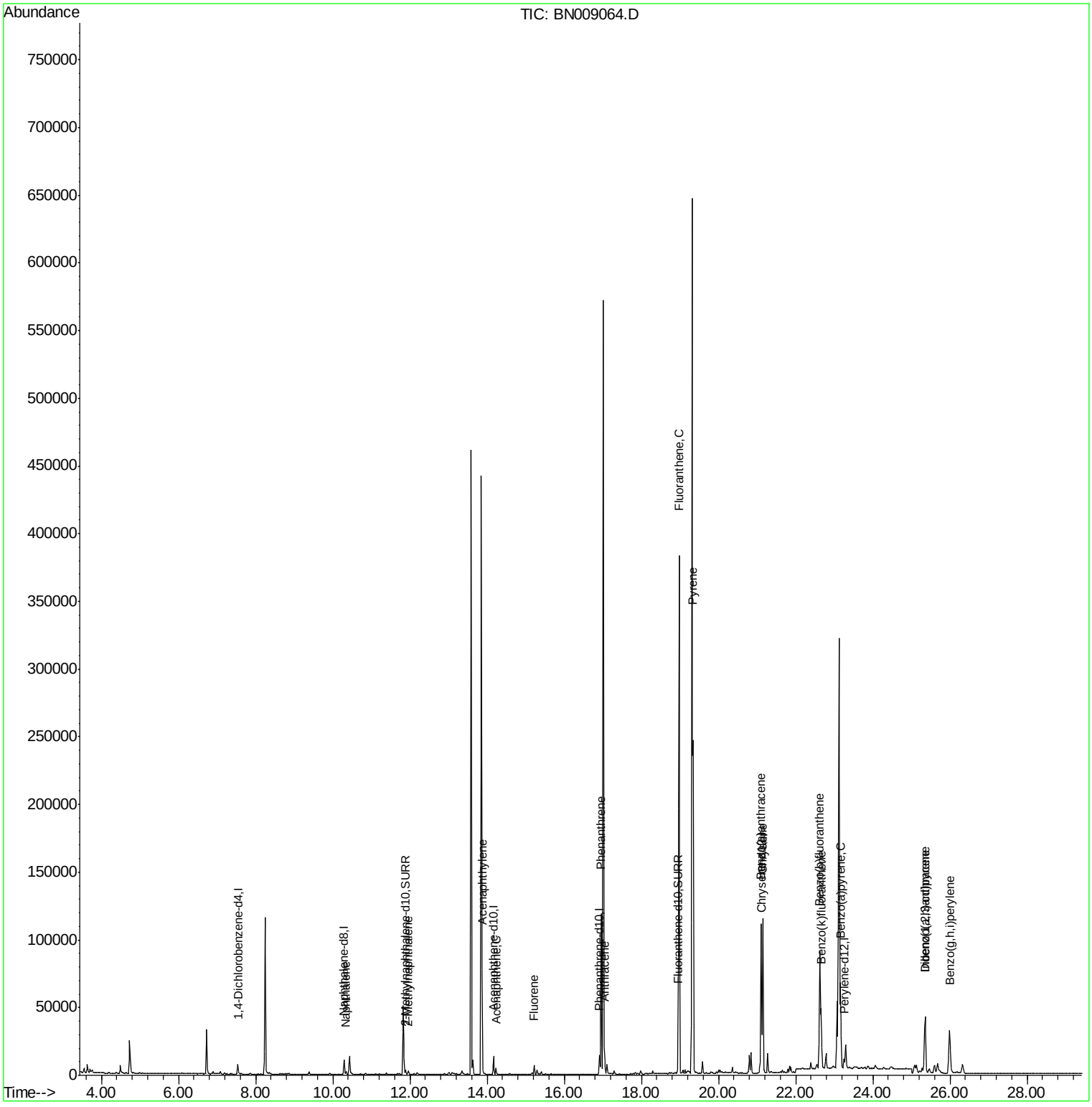

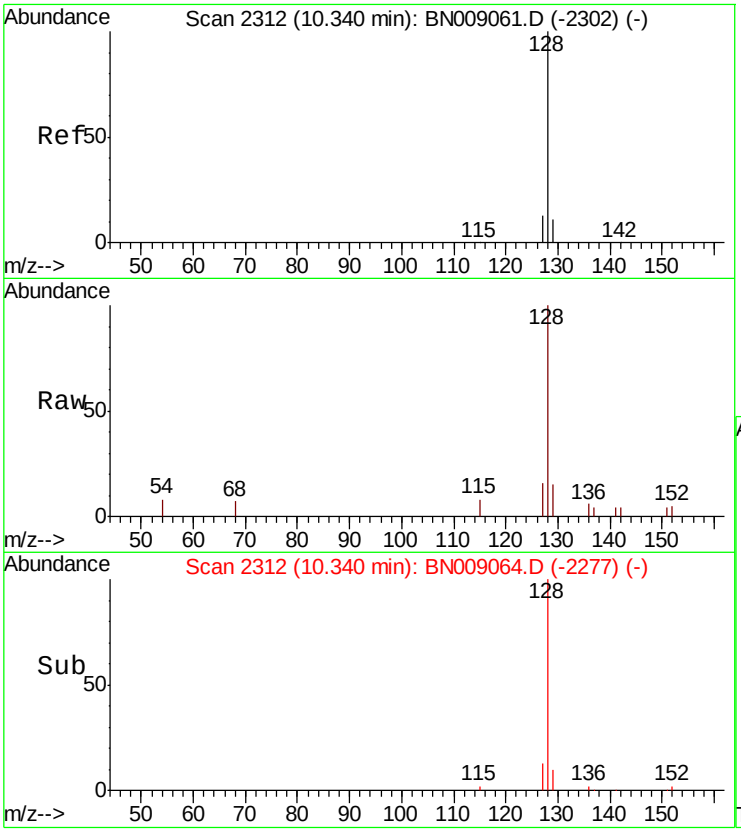

#3
Naphthalene
Concen: 0.054 ng/ul
RT: 10.34 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:128 Resp: 2233

Ion	Ratio	Lower	Upper
128	100		
129	14.9	9.0	13.4#
127	16.1	10.9	16.3

Instrument :
BNA_N
ClientSampleId :
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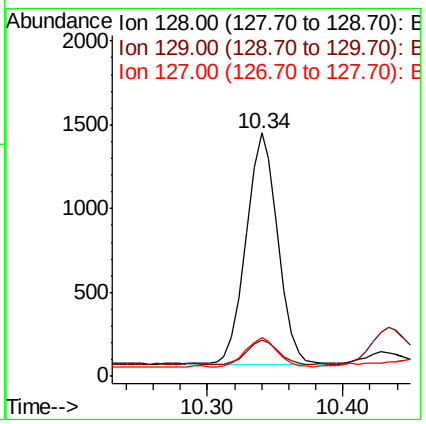
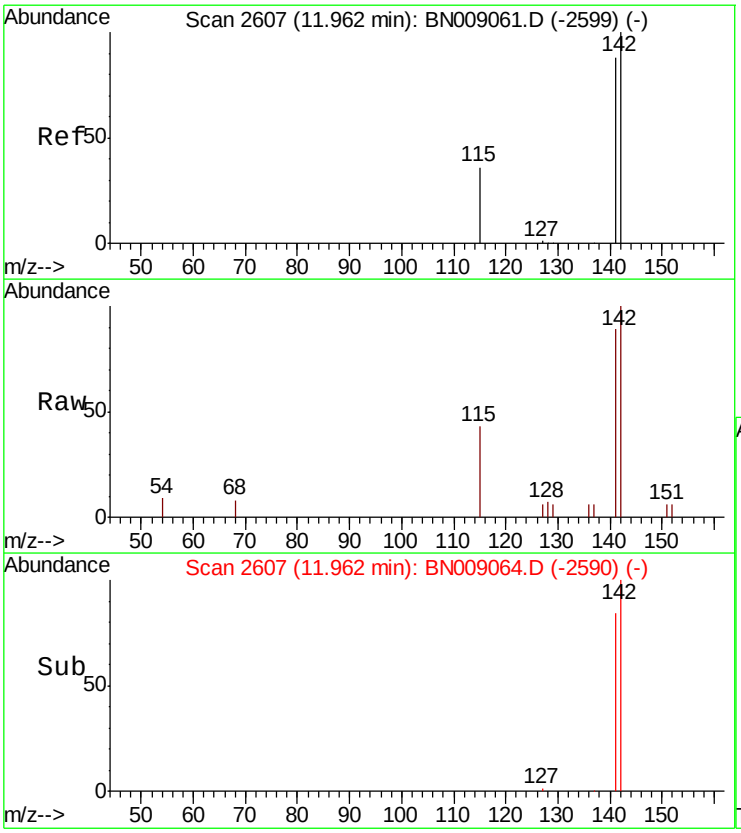
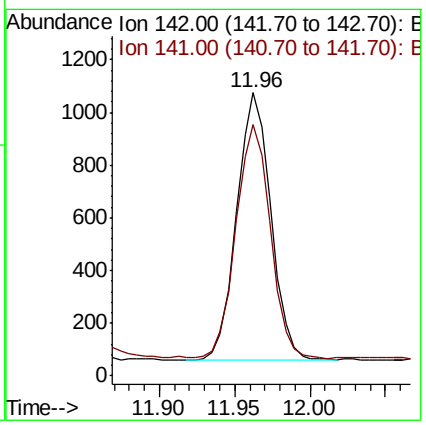


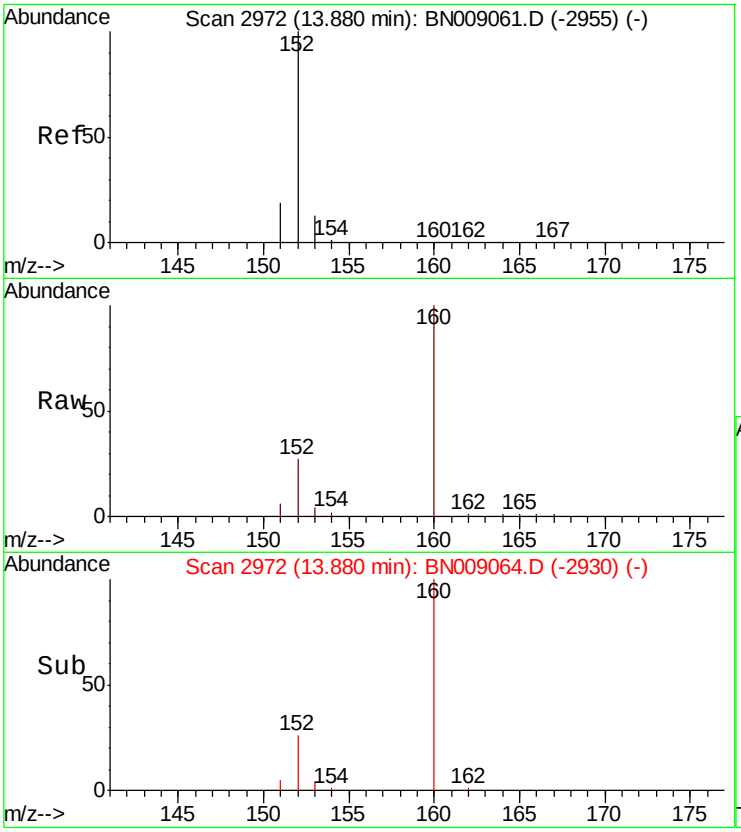


#5
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 11.96 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:142 Resp: 1614

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.2	105.4

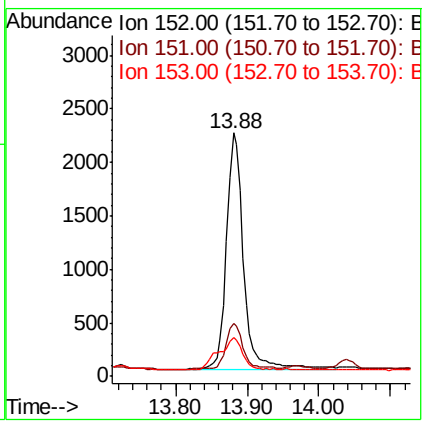




#7
Acenaphthylene
Concen: 0.094 ng/ul
RT: 13.88 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:152 Resp: 3720

Ion	Ratio	Lower	Upper
152	100		
151	21.8	15.7	23.5
153	16.2	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0BZ9

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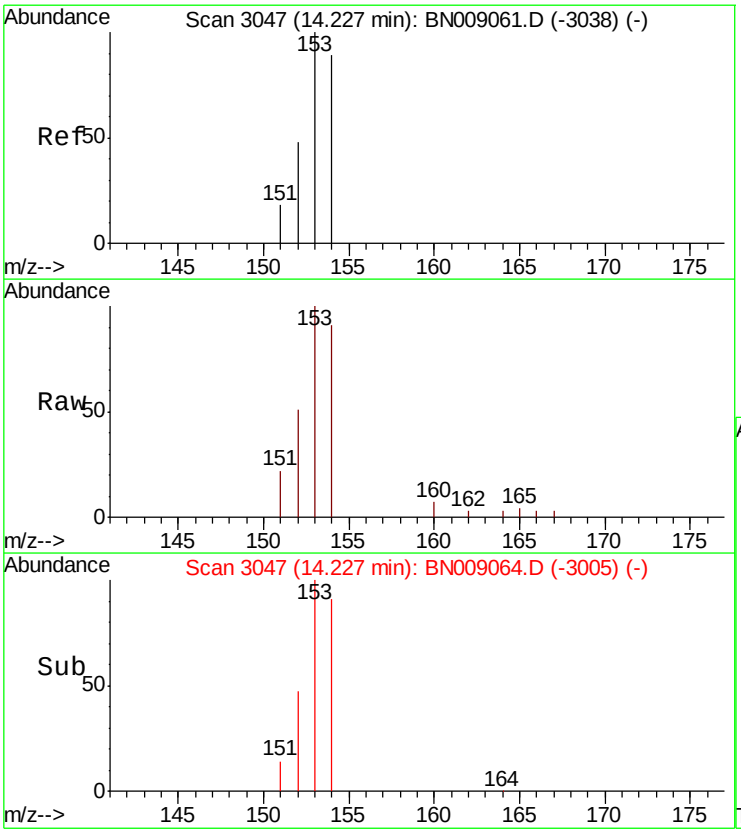
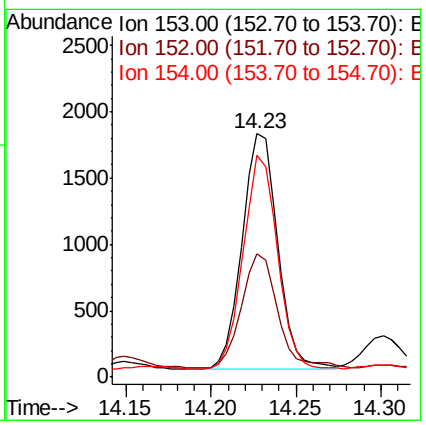
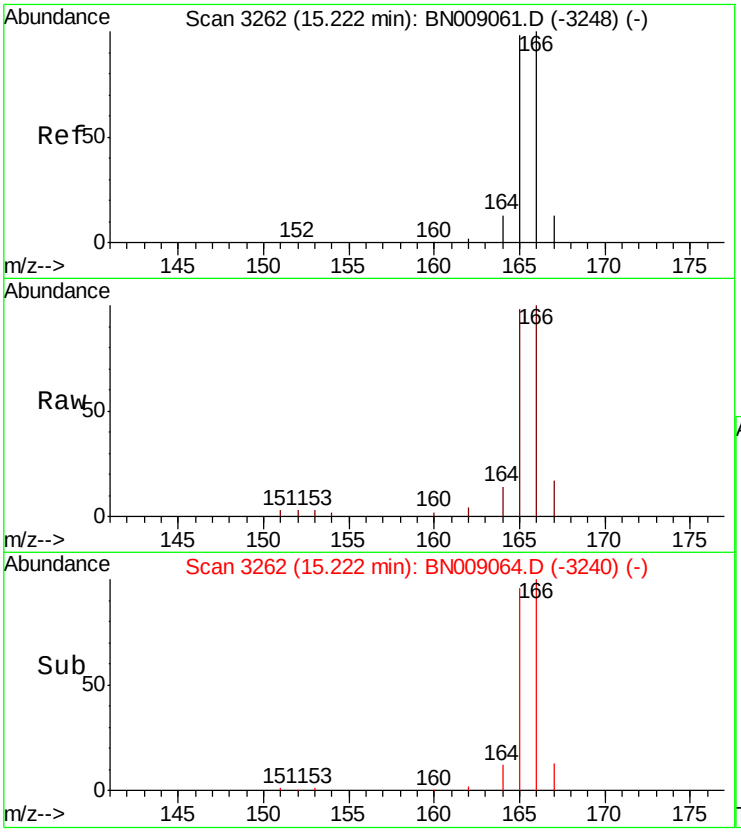


#8
Acenaphthene
Concen: 0.083 ng/ul
RT: 14.23 min Scan# 3047
Delta R.T. -0.00 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:153 Resp: 2579

Ion	Ratio	Lower	Upper
153	100		
152	50.6	39.5	59.3
154	91.2	71.3	106.9

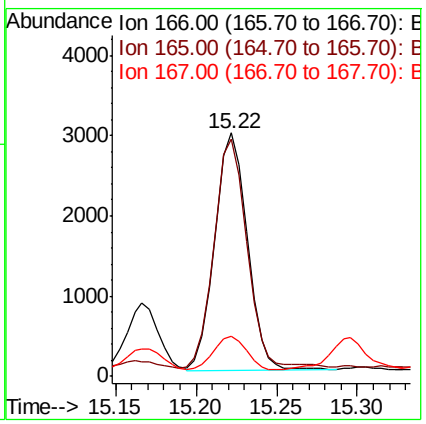




#9
Fluorene
Concen: 0.113 ng/ul
RT: 15.22 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:166 Resp: 4141

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.2	117.4
167	16.5	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
C0BZ9

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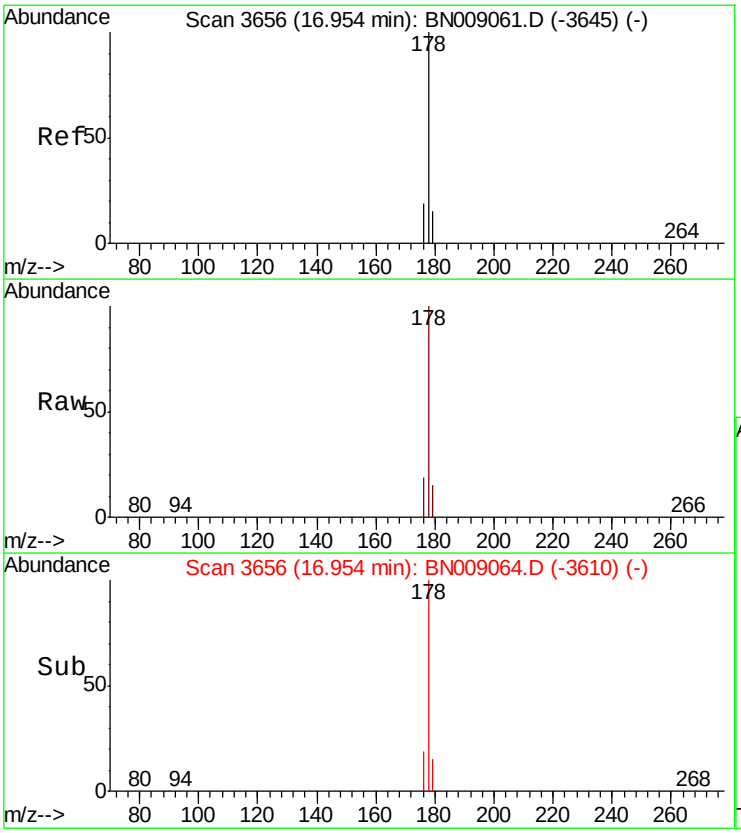
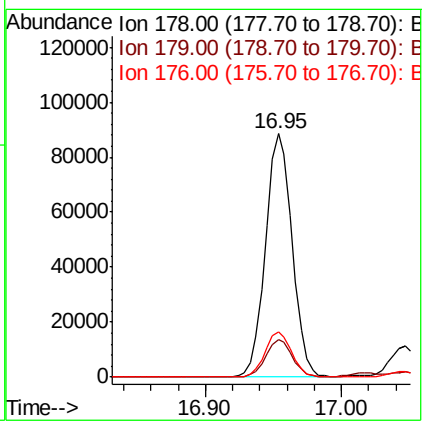
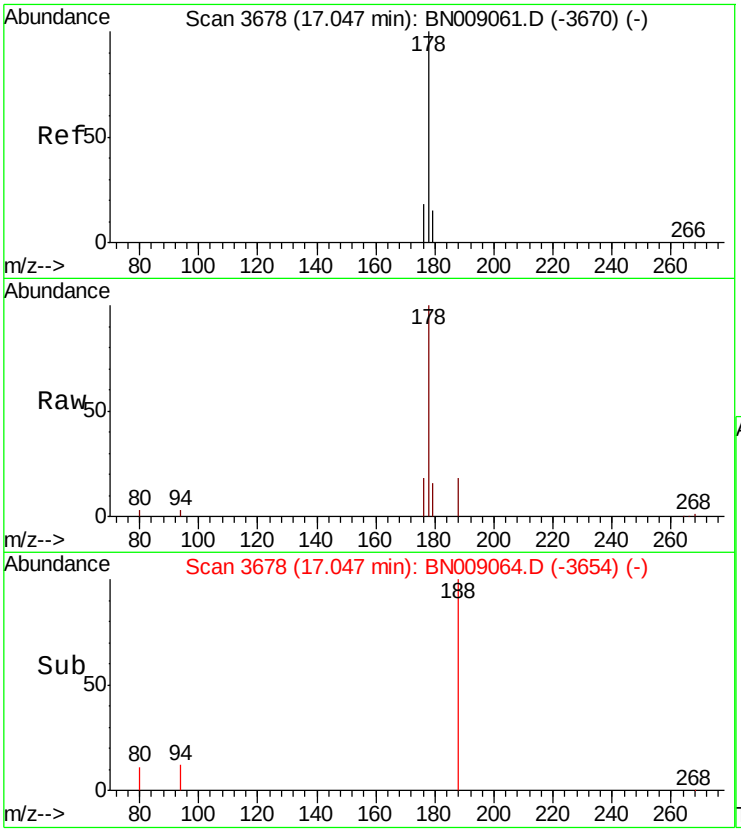


#12
Phenanthrene
Concen: 2.215 ng/ul
RT: 16.95 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:178 Resp: 121087

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.8	15.1	22.7

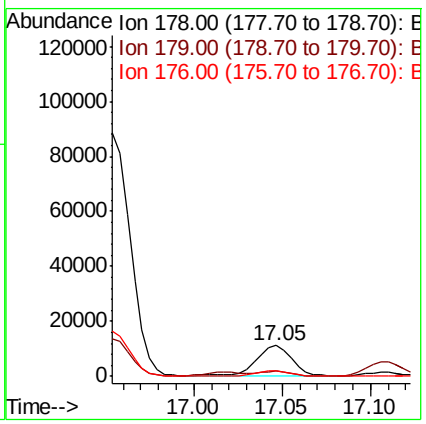




#13
Anthracene
Concen: 0.309 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:178 Resp: 15130

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	18.2	14.9	22.3



Instrument :
BNA_N
ClientSampleId :
C0BZ9

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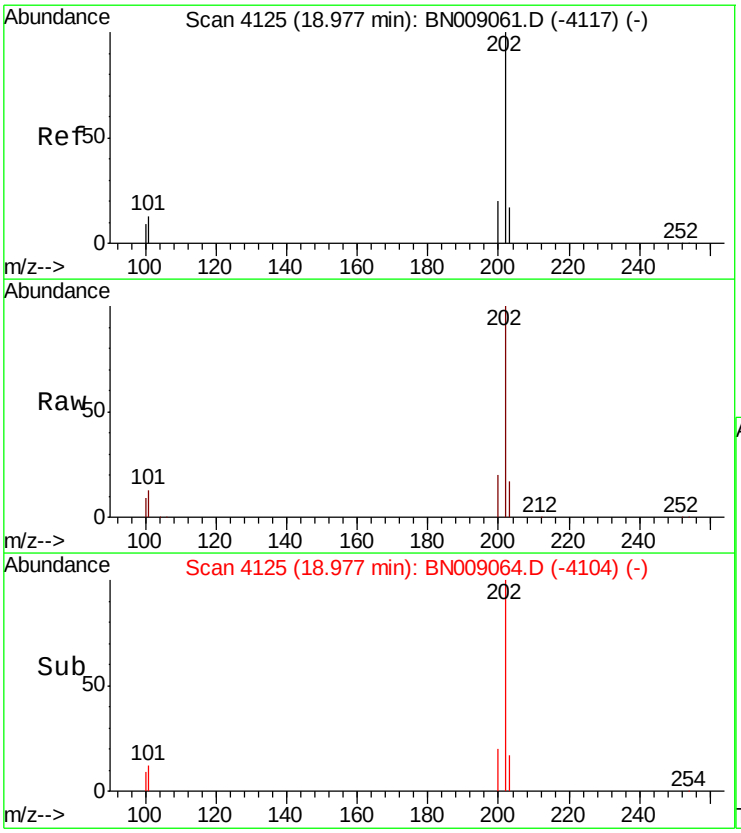
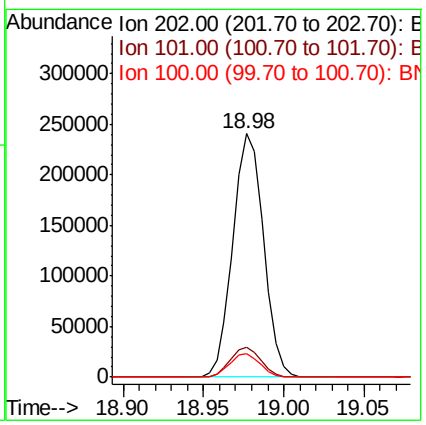
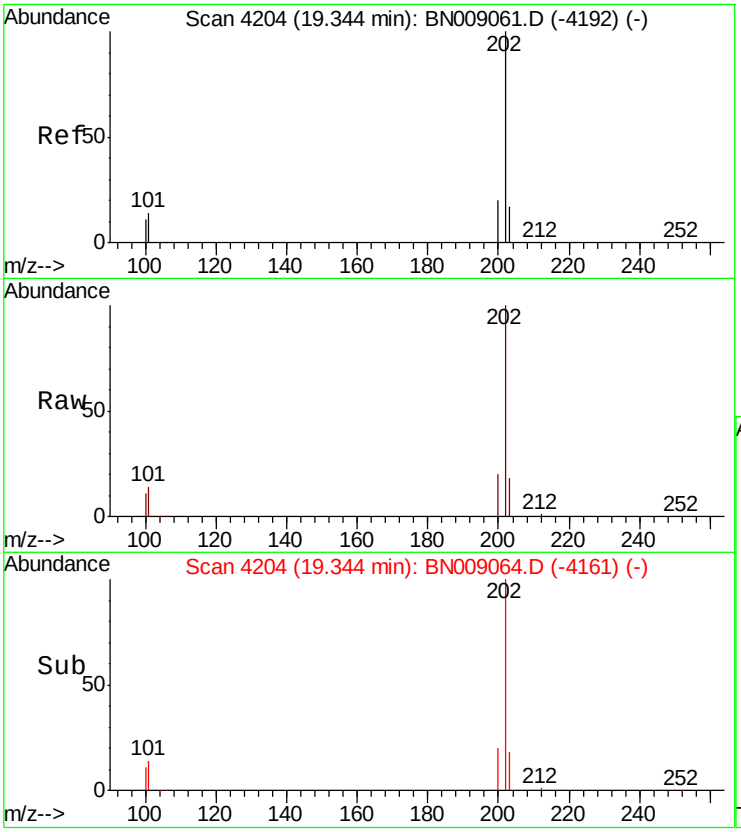


#15
Fluoranthene
Concen: 5.103 ng/ul
RT: 18.98 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:202 Resp: 319012

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.5
100	9.4	0.0	28.9

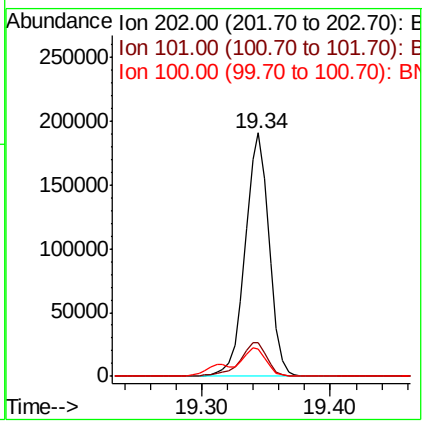




#17
Pyrene
Concen: 5.109 ng/ul
RT: 19.34 min Scan# 4204
Delta R.T. 0.00 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:202 Resp: 245548

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.9	16.3
100	11.1	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
C0BZ9

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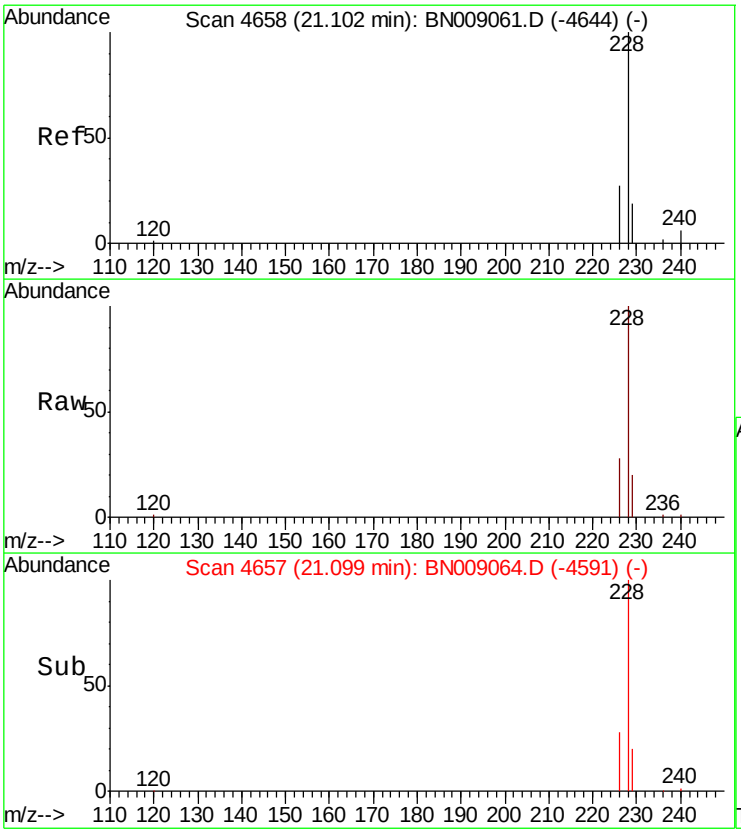
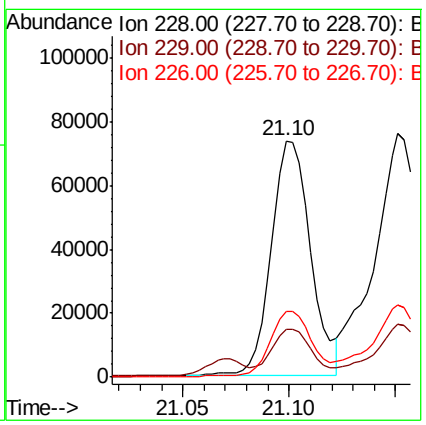
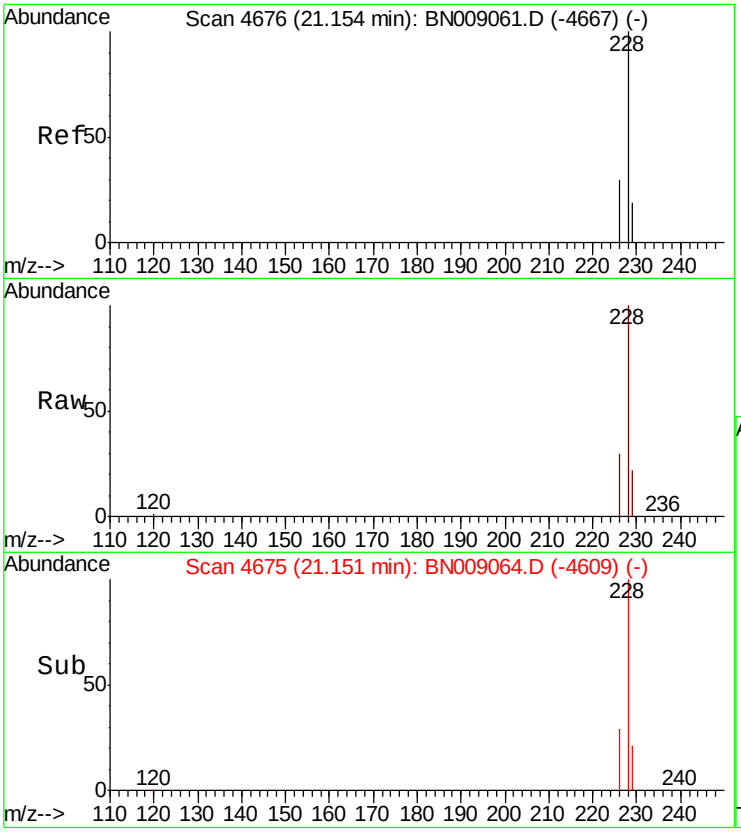


#18
Benzo(a)anthracene
Concen: 2.268 ng/ul
RT: 21.10 min Scan# 4657
Delta R.T. -0.01 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:228 Resp: 94898

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.5	23.3
226	27.9	21.7	32.5

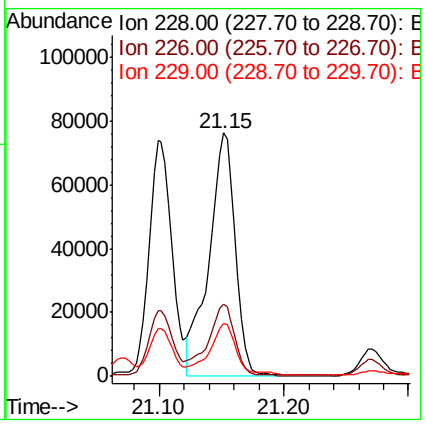




#19
Chrysene
Concen: 2.644 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:228 Resp: 111147

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	21.6	15.4	23.0



Instrument :
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ClientSampleId :
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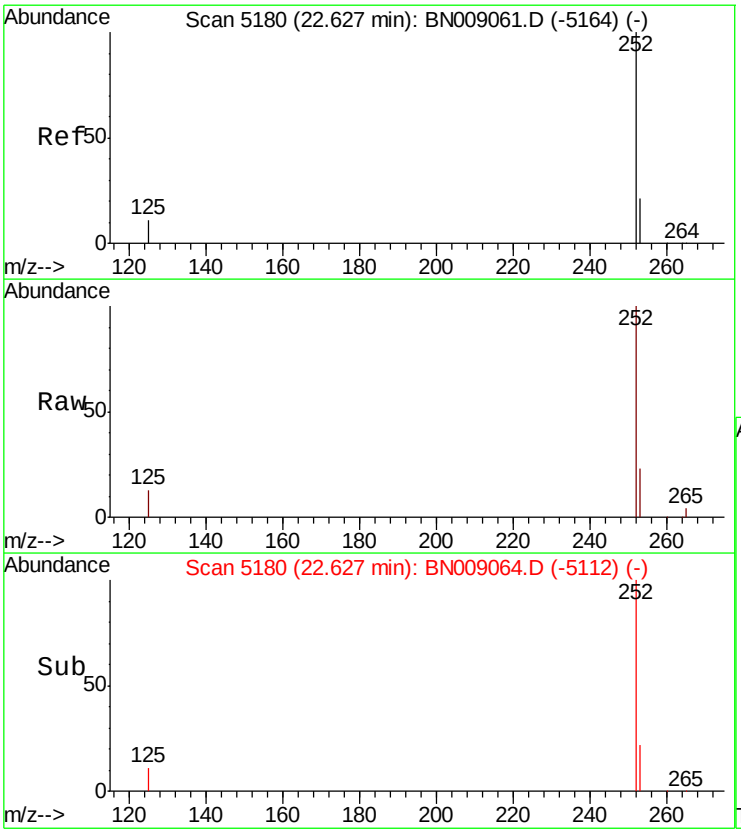
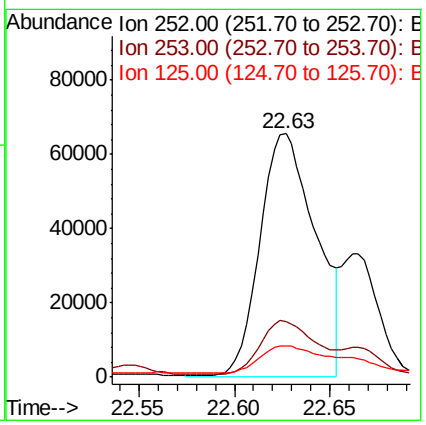
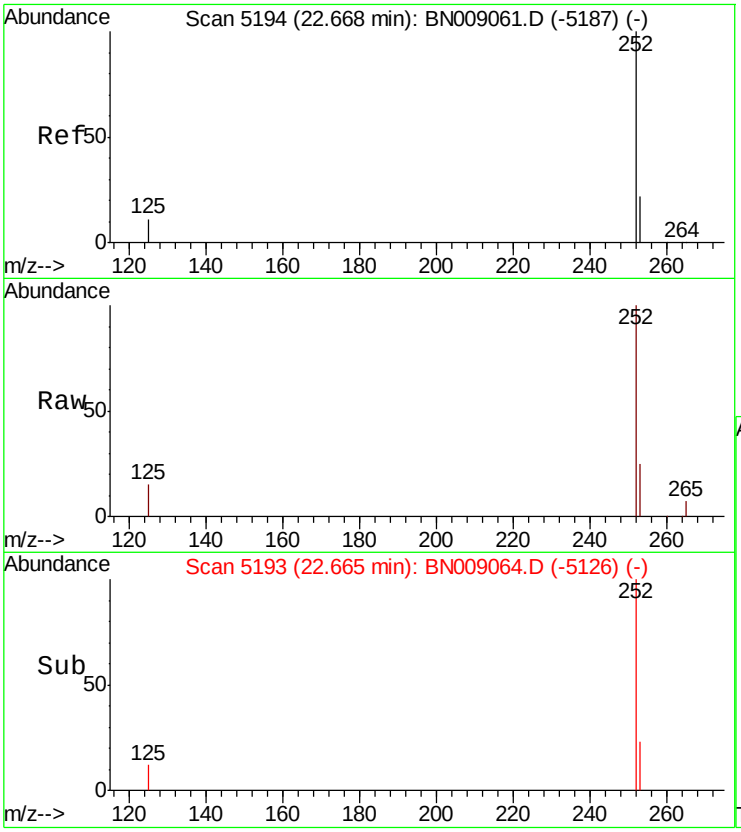


#21
Benzo(b)fluoranthene
Concen: 3.630 ng/ul m
RT: 22.63 min Scan# 5180
Delta R.T. 0.00 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:252 Resp: 134124

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	48.2
125	12.8	0.0	30.0

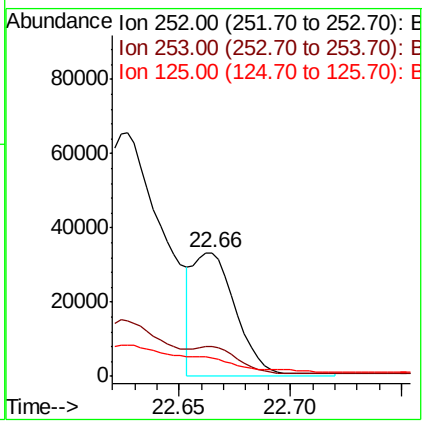




#22
Benzo(k)fluoranthene
Concen: 1.233 ng/ul m
RT: 22.66 min Scan# 5193
Delta R.T. -0.00 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:252 Resp: 45942

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.4	29.0
125	15.4	12.4	18.6



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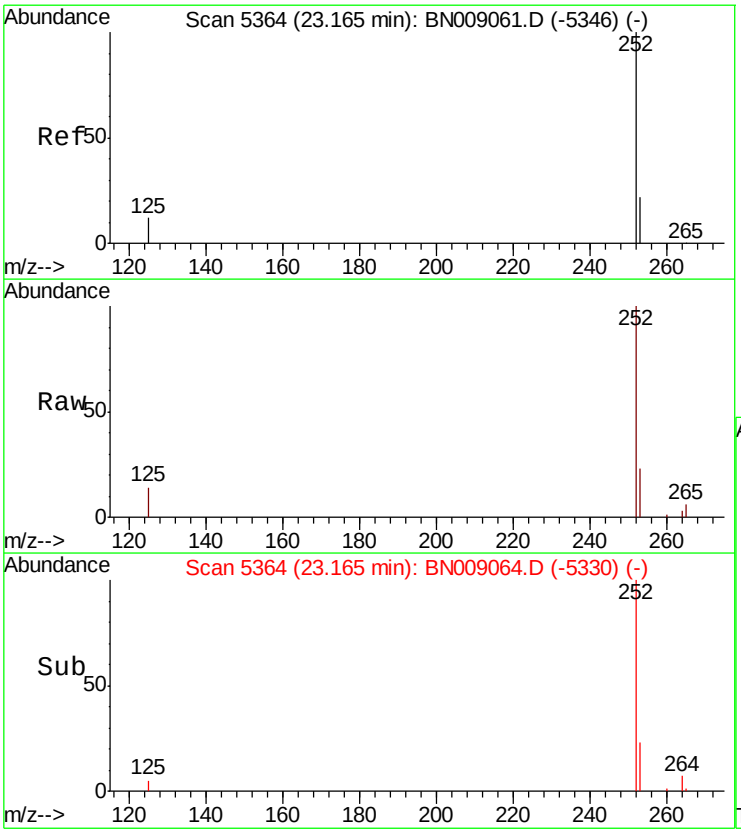
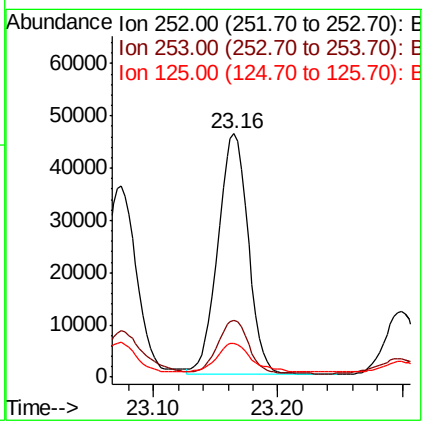
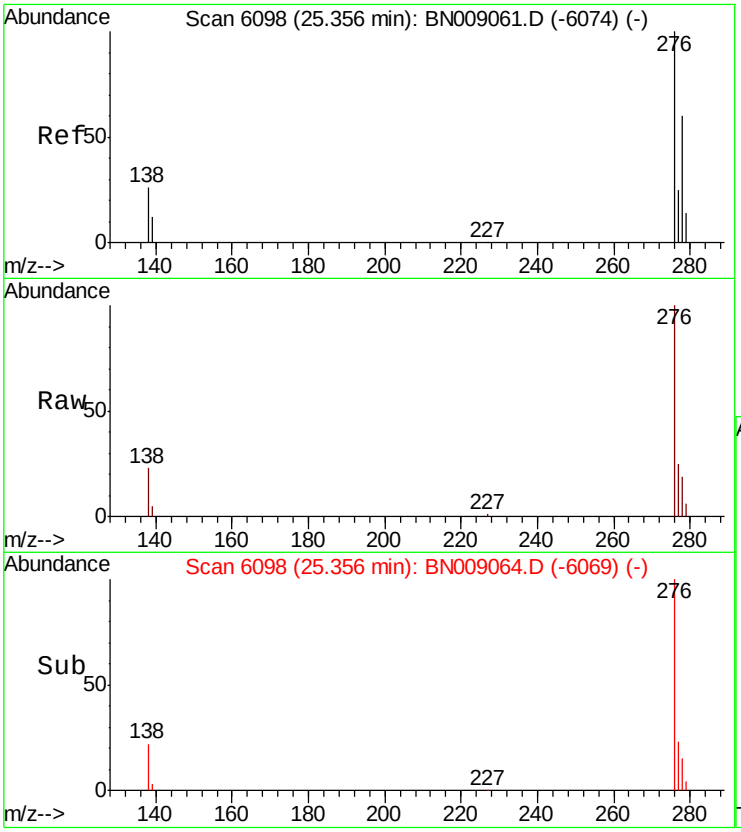


#23
Benzo(a)pyrene
Concen: 2.404 ng/ul
RT: 23.16 min Scan# 5364
Delta R.T. 0.00 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:252 Resp: 77820

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.2	30.4
125	14.1	13.2	19.8

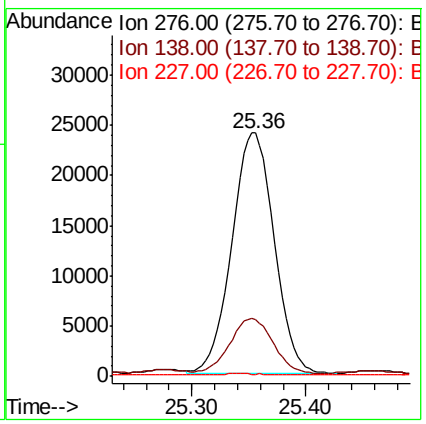




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.735 ng/ul
RT: 25.36 min Scan# 6098
Delta R.T. -0.00 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:276 Resp: 61187

Ion	Ratio	Lower	Upper
276	100		
138	23.0	22.4	33.6
227	0.3	0.2	0.4



Instrument :
BNA_N
ClientSampleId :
C0BZ9

Manual Integrations APPROVED
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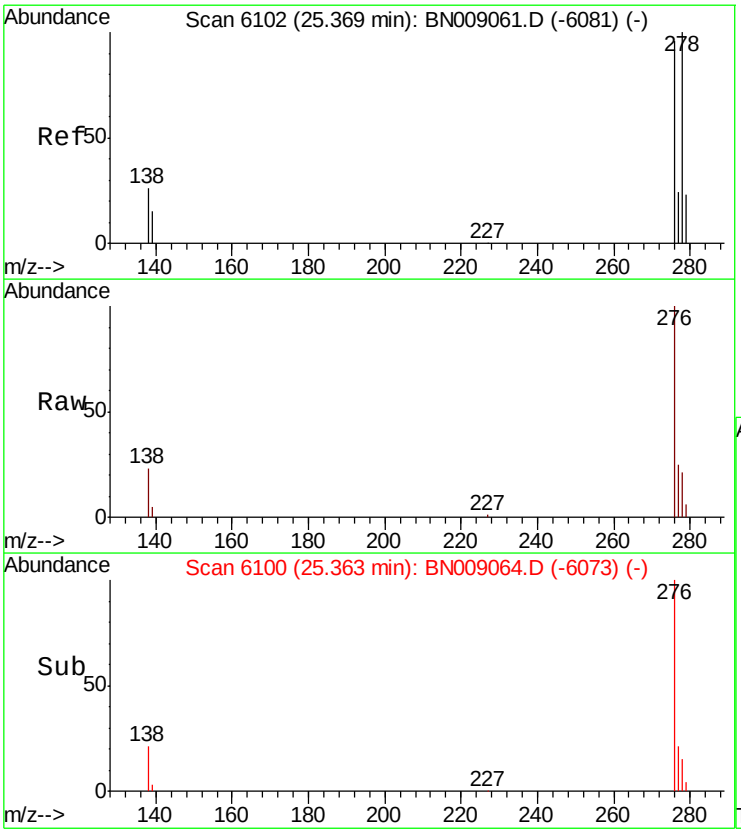
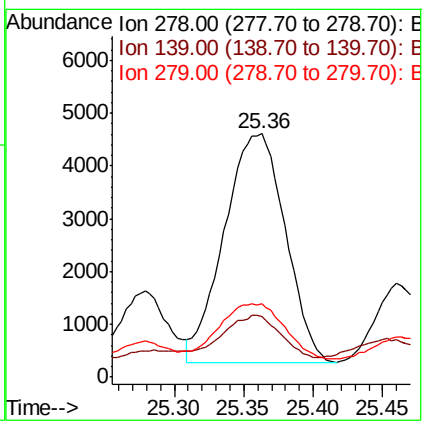
12/23/2019 8:02:18 AM

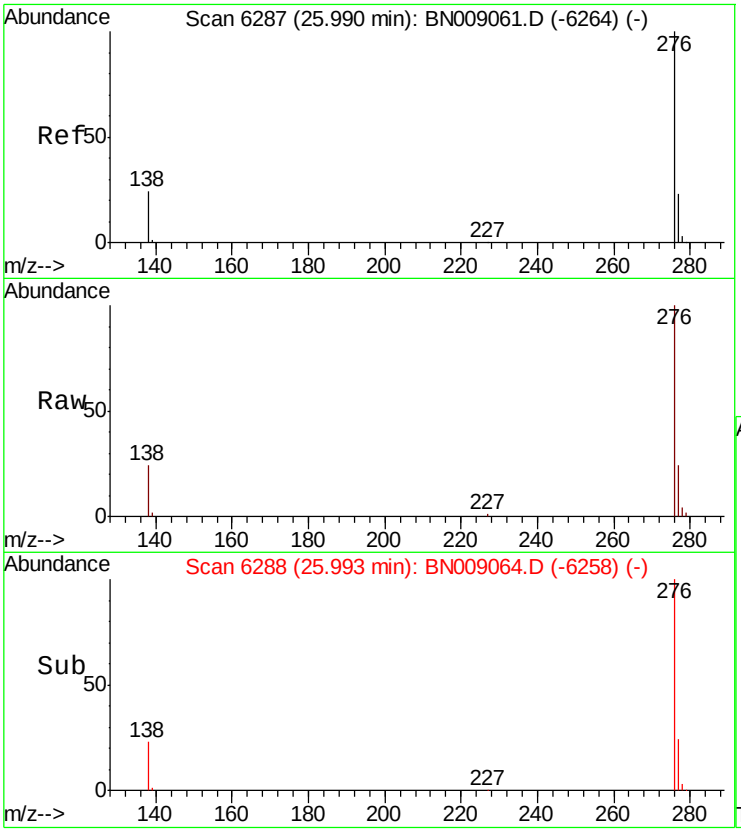


#25
Dibenzo(a,h)anthracene
Concen: 0.473 ng/ul
RT: 25.36 min Scan# 6100
Delta R.T. -0.01 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:278 Resp: 13263

Ion	Ratio	Lower	Upper
278	100		
139	24.8	16.2	24.2#
279	30.0	20.3	30.5

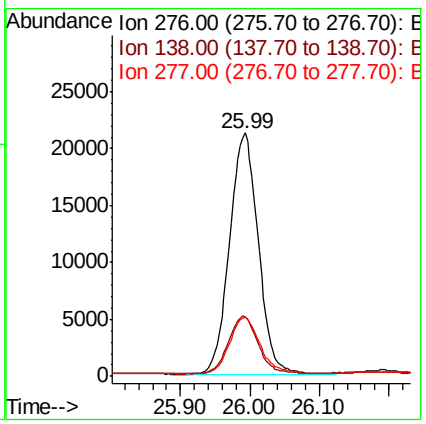




#26
Benzo(g,h,i)perylene
Concen: 2.057 ng/ul
RT: 25.99 min Scan# 6288
Delta R.T. 0.00 min
Lab File: BN009064.D
Acq: 20 Dec 2019 12:42

Tgt Ion:276 Resp: 61105

Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.6	30.8
277	24.4	19.6	29.4



Instrument :
BNA_N
ClientSampleId :
C0BZ9

Manual Integrations APPROVED
mohammad
12/23/2019 8:02:18 AM