Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009054.D
Acq On : 20 Dec 2019 06:10
Operator : JU
Sample : K6171-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 20 07:19:57 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

Instrument : BNA_N
ClientSampleId : C0BT2

Manual Integrations APPROVED
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12/20/2019 4:30:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3931	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	15416	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	8598	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	17191	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	8883	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	8545	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	3688	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	7687	0.15	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.34	128	2898	0.062	ng/ul#	94
5) 2-Methylnaphthalene	11.96	142	2692	0.076	ng/ul	99
7) Acenaphthylene	13.89	152	3304	0.073	ng/ul#	77
8) Acenaphthene	14.23	153	1393	0.039	ng/ul	99
9) Fluorene	15.22	166	2525	0.060	ng/ul#	96
12) Phenanthrene	16.95	178	111164	1.860	ng/ul	100
13) Anthracene	17.05	178	19015	0.355	ng/ul	99
15) Fluoranthene	18.98	202	348508	5.097	ng/ul	98
17) Pyrene	19.34	202	266447	5.879	ng/ul	100
18) Benzo(a)anthracene	21.10	228	114655	2.907	ng/ul	98
19) Chrysene	21.15	228	117482	2.964	ng/ul	97
21) Benzo(b)fluoranthene	22.63	252	135577m	3.398	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	53269m	1.324	ng/ul	
23) Benzo(a)pyrene	23.17	252	93019	2.660	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.36	276	67122	1.763	ng/ul	91
25) Dibenzo(a,h)anthracene	25.36	278	15567	0.514	ng/ul#	89
26) Benzo(g,h,i)perylene	26.00	276	65089	2.029	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BT2

Manual Integrations APPROVED
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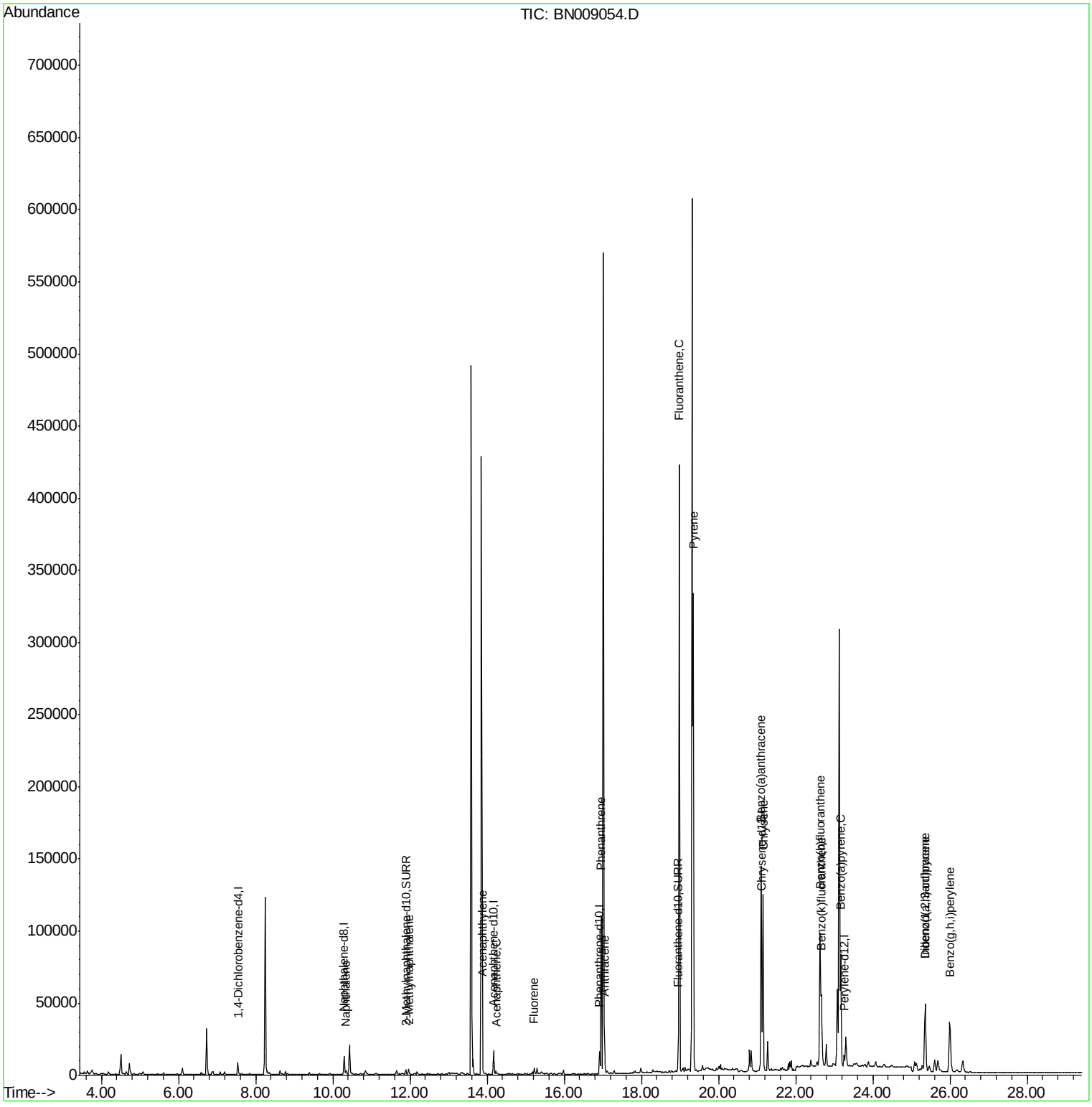

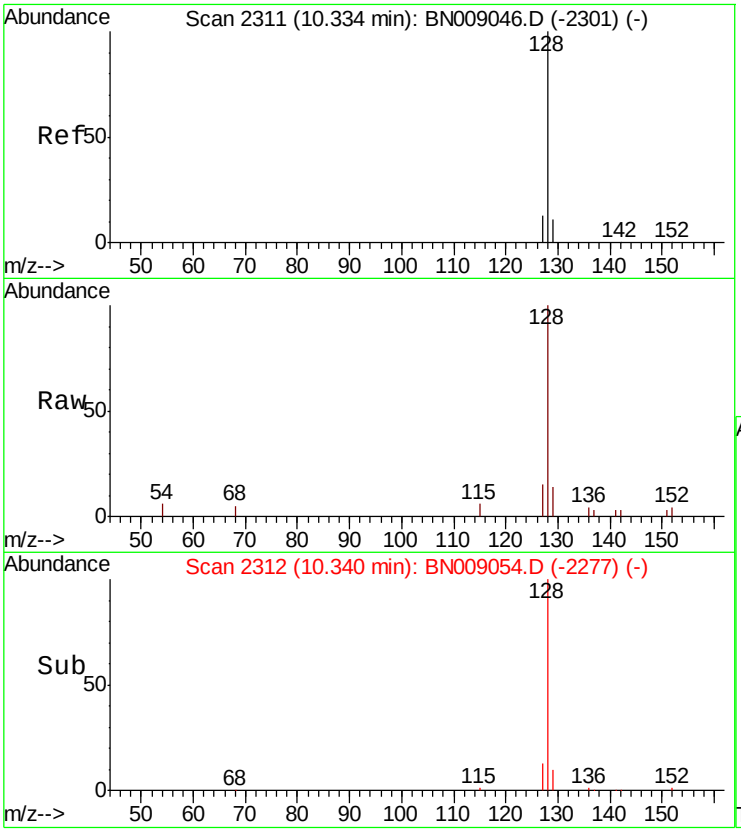

#3
Naphthalene
Concen: 0.062 ng/ul
RT: 10.34 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:128 Resp: 2898

Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.0	13.4#
127	15.1	10.9	16.3

Instrument :
BNA_N
ClientSampleId :
C0BT2

Manual Integrations APPROVED
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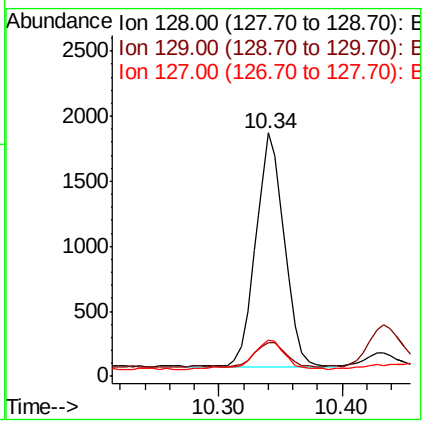
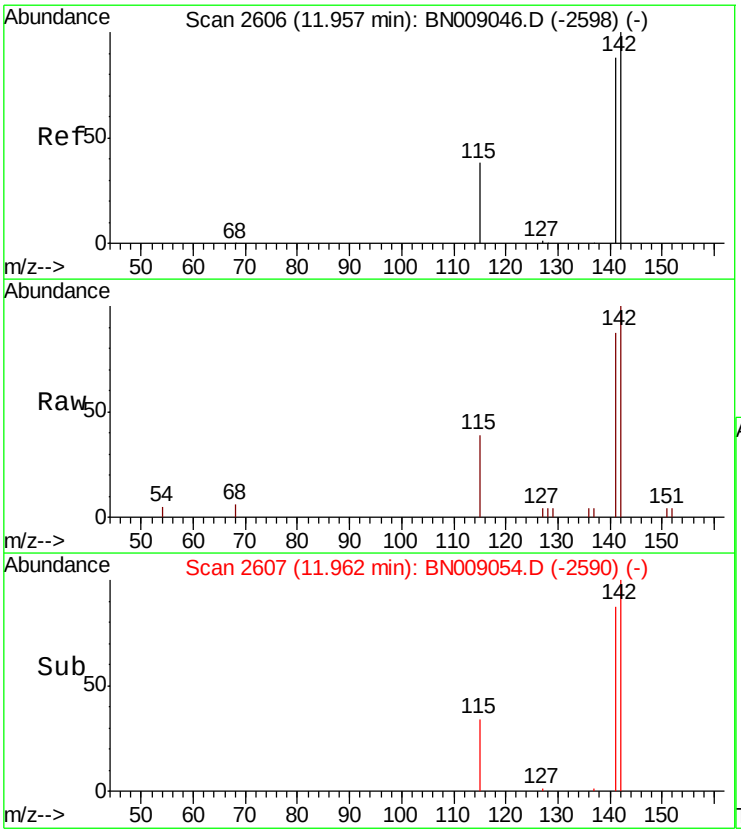
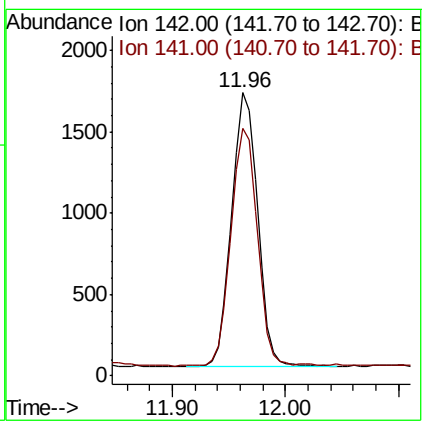


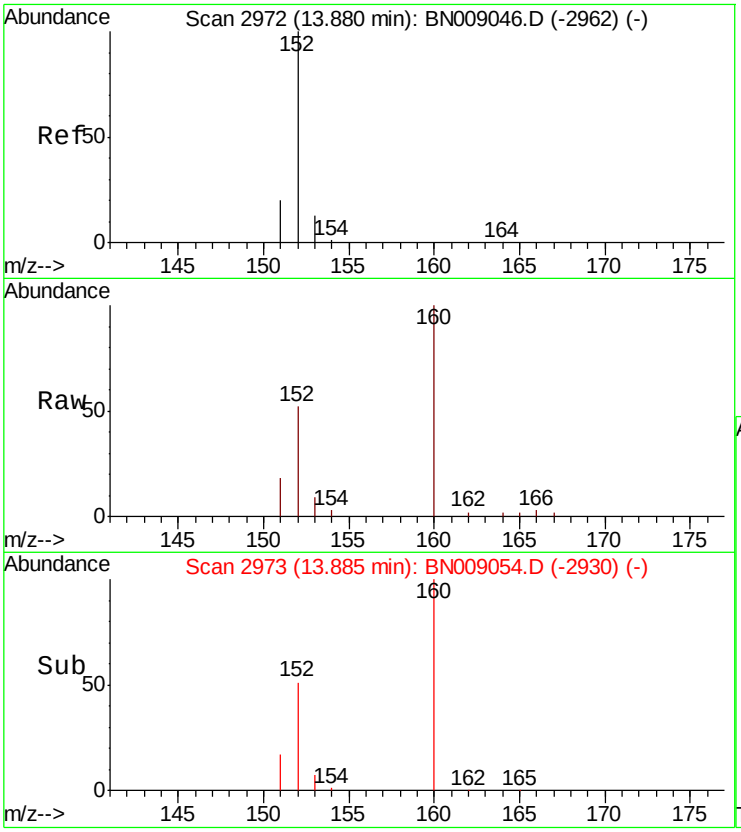


#5
2-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 11.96 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:142 Resp: 2692

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.4





#7
Acenaphthylene
Concen: 0.073 ng/ul
RT: 13.89 min Scan# 2973
Delta R.T. 0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:152 Resp: 3304

Ion	Ratio	Lower	Upper
152	100		
151	35.2	15.7	23.5#
153	16.6	10.8	16.2#

Instrument :
BNA_N
ClientSampleId :
C0BT2

Manual Integrations APPROVED
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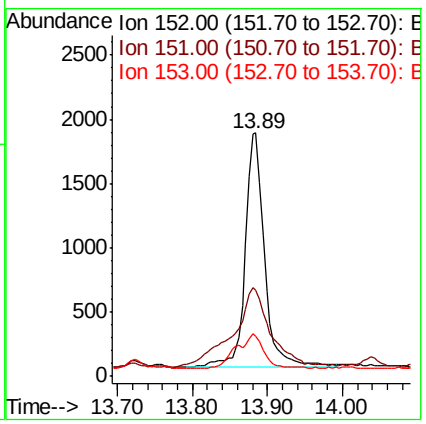
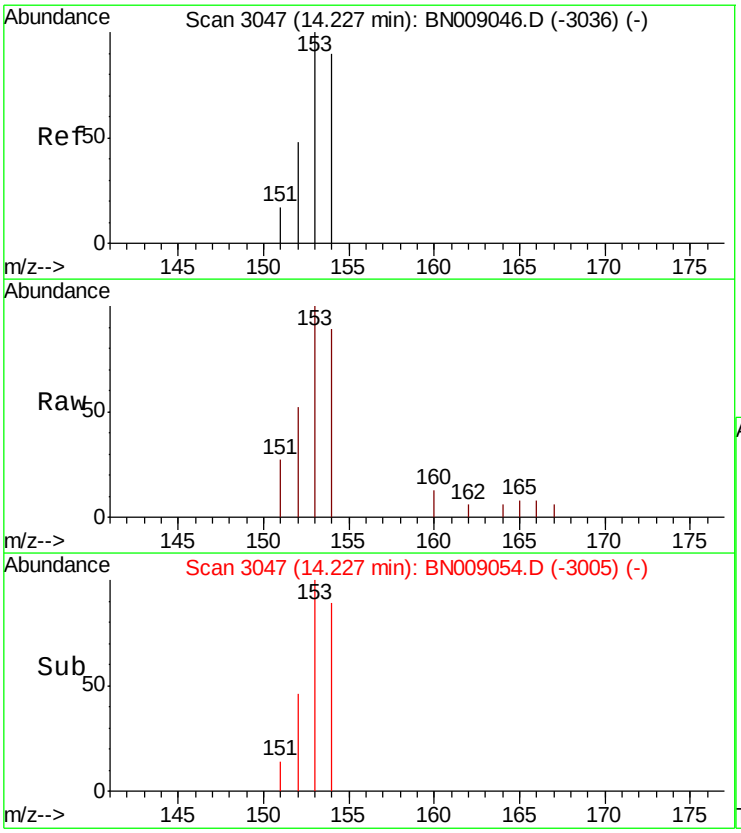
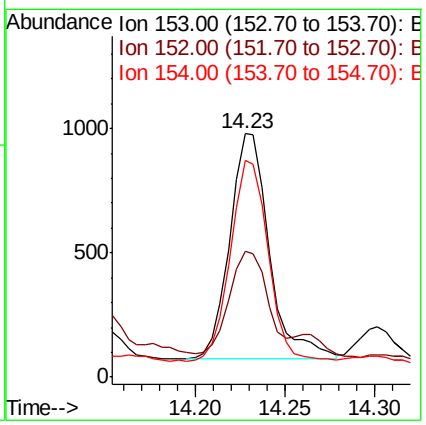


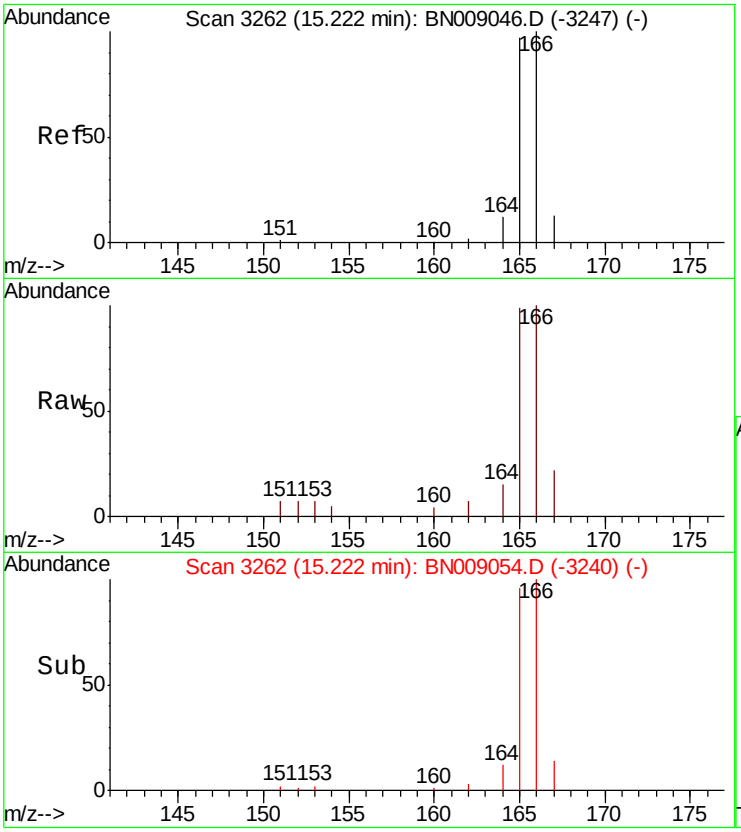


#8
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.23 min Scan# 3047
Delta R.T. -0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:153 Resp: 1393

Ion	Ratio	Lower	Upper
153	100		
152	51.8	39.5	59.3
154	89.1	71.3	106.9





#9
Fluorene
Concen: 0.060 ng/ul
RT: 15.22 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:166 Resp: 2525

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.2	117.4
167	21.7	11.0	16.6#

Instrument :
BNA_N
ClientSampleId :
C0BT2

Manual Integrations APPROVED
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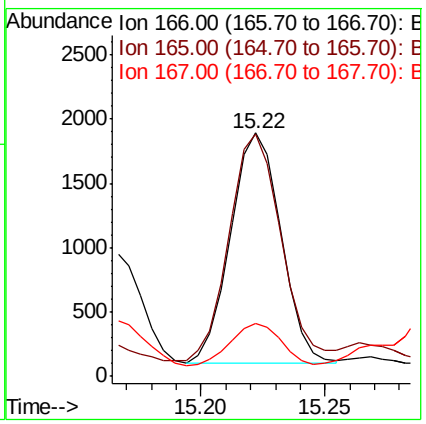
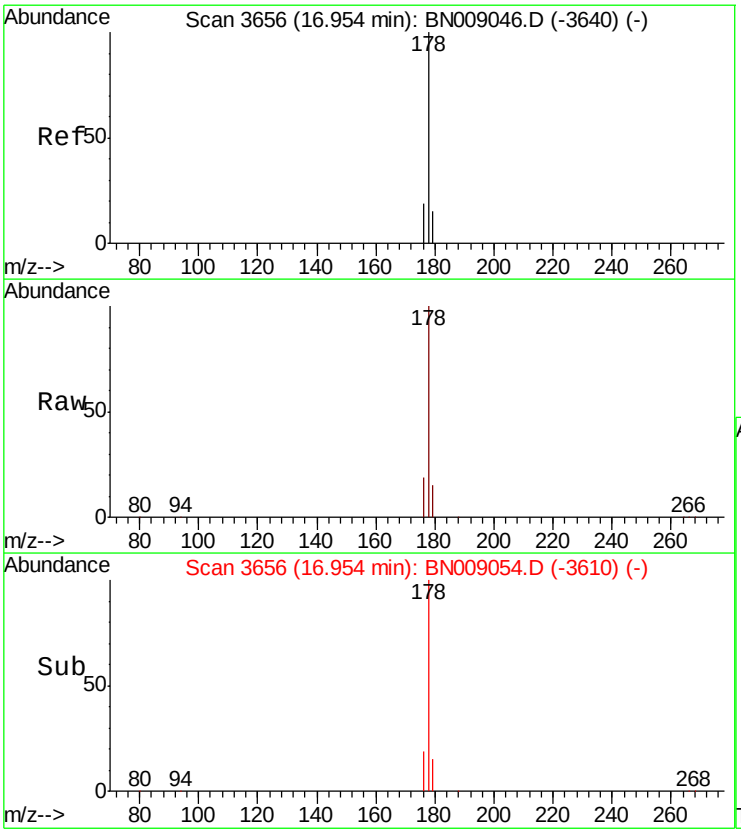
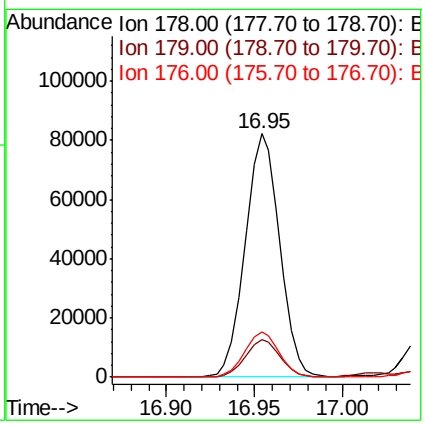


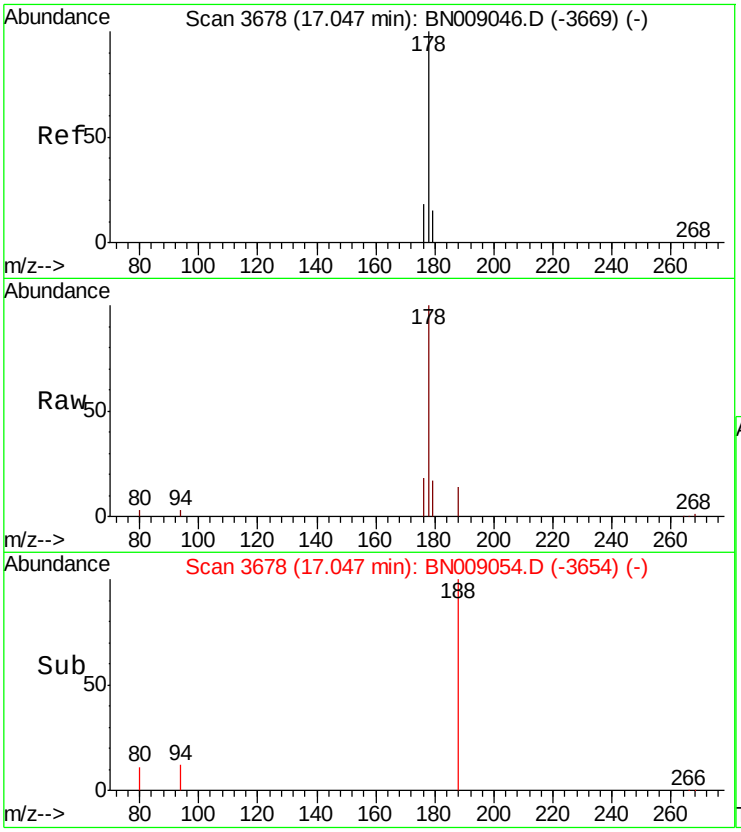


#12
Phenanthrene
Concen: 1.860 ng/ul
RT: 16.95 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:178 Resp: 111164

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

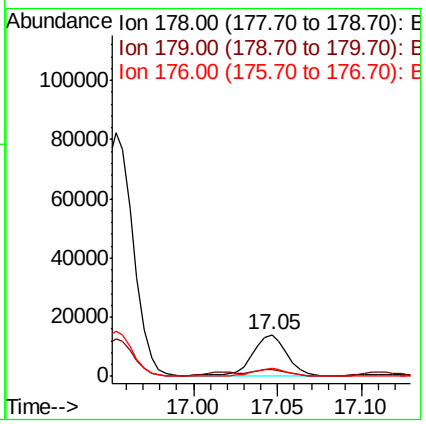




#13
Anthracene
Concen: 0.355 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:178 Resp: 19015

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	18.2	14.9	22.3



Instrument :
BNA_N
ClientSampleId :
C0BT2

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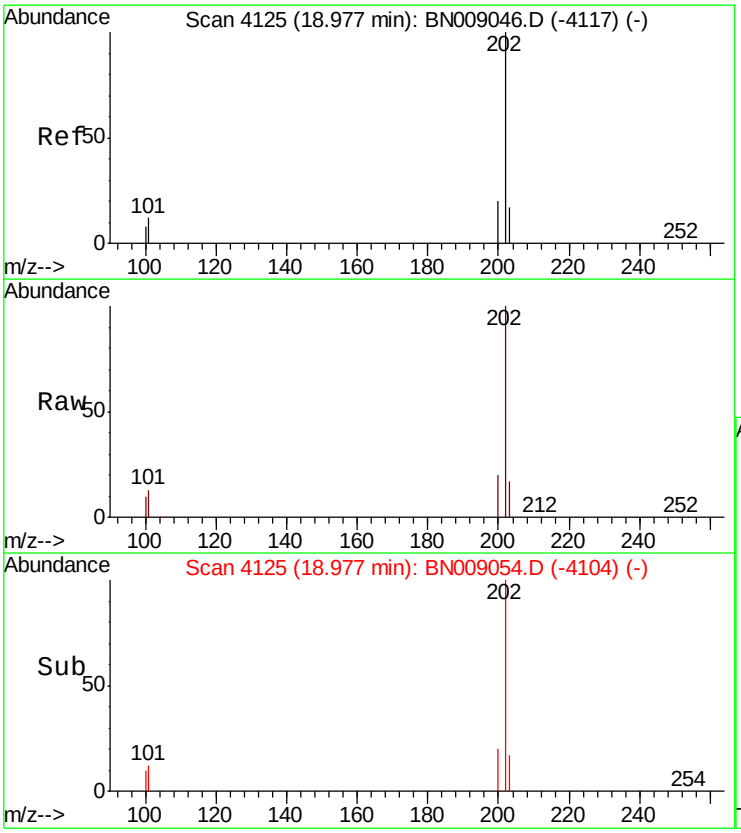
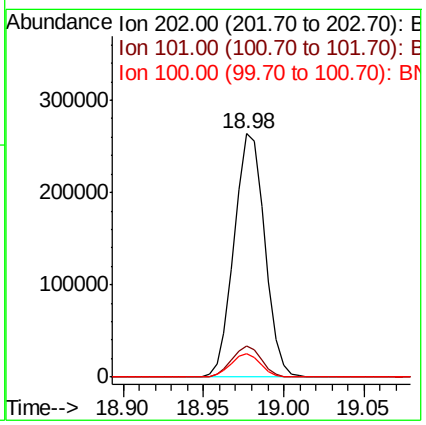
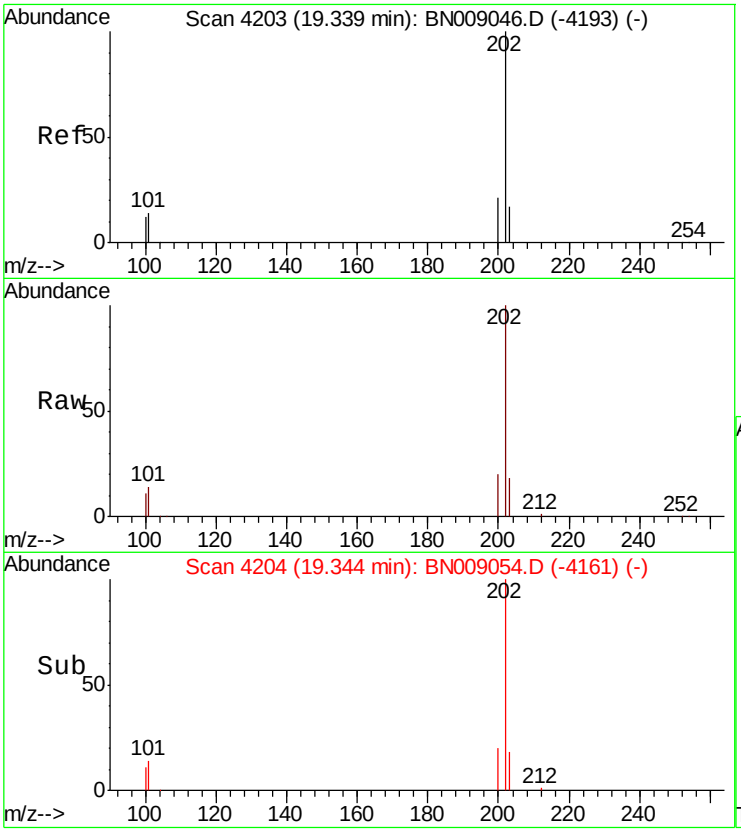


#15
Fluoranthene
Concen: 5.097 ng/ul
RT: 18.98 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:202 Resp: 348508

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.5
100	9.6	0.0	28.9

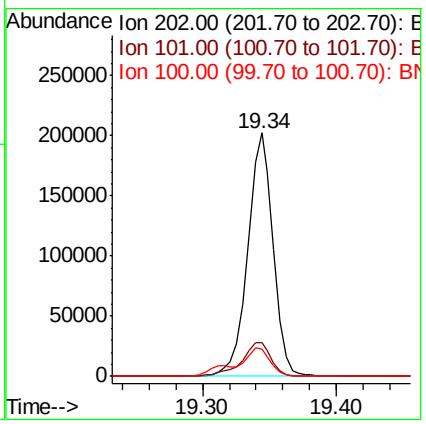




#17
Pyrene
Concen: 5.879 ng/ul
RT: 19.34 min Scan# 4204
Delta R.T. 0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:202 Resp: 266447

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.9	16.3
100	11.3	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
C0BT2

Manual Integrations APPROVED
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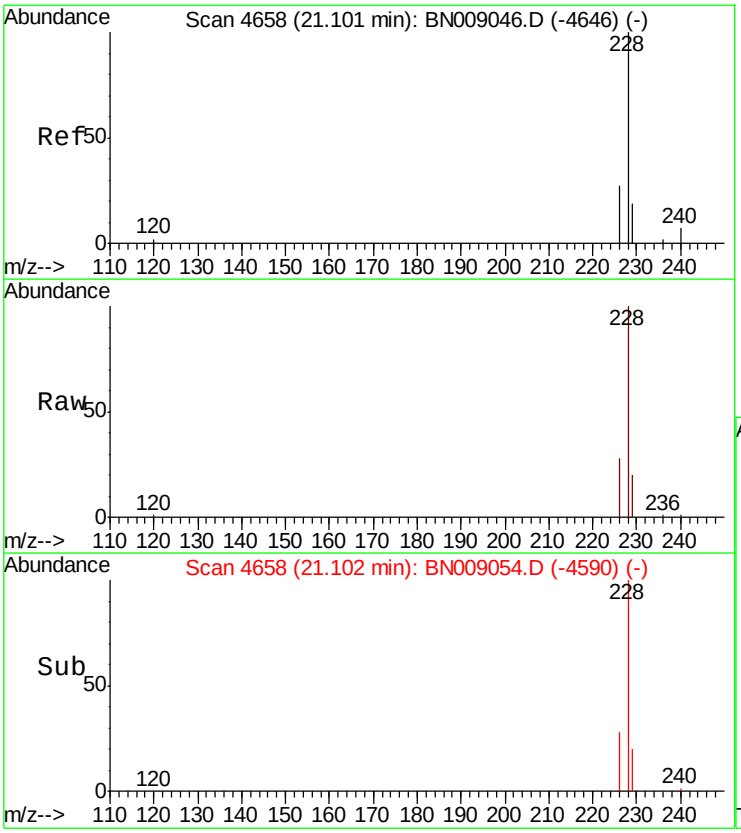
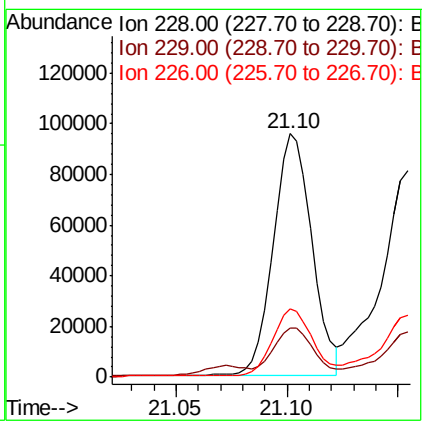
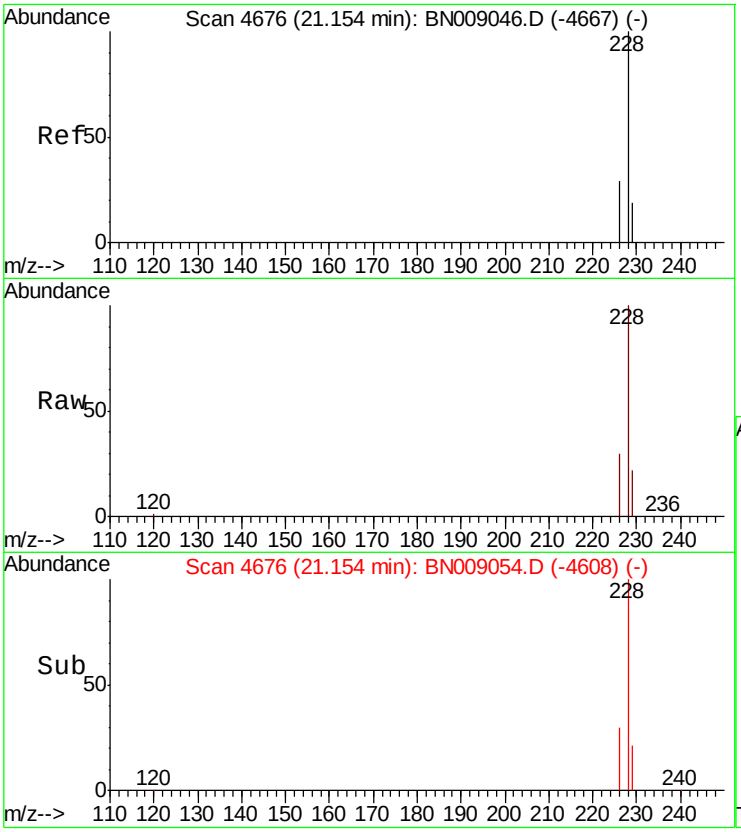


#18
Benzo(a)anthracene
Concen: 2.907 ng/ul
RT: 21.10 min Scan# 4658
Delta R.T. -0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:228 Resp: 114655

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.5	23.3
226	27.9	21.7	32.5

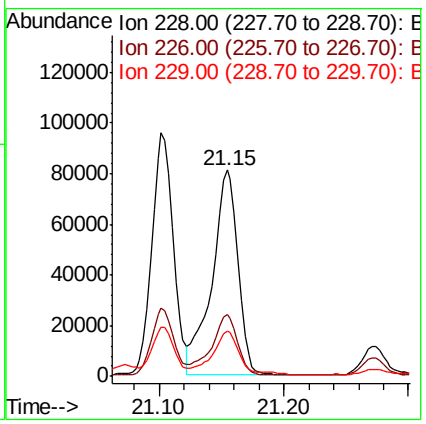




#19
Chrysene
Concen: 2.964 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:228 Resp: 117482

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	22.0	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
C0BT2

Manual Integrations APPROVED
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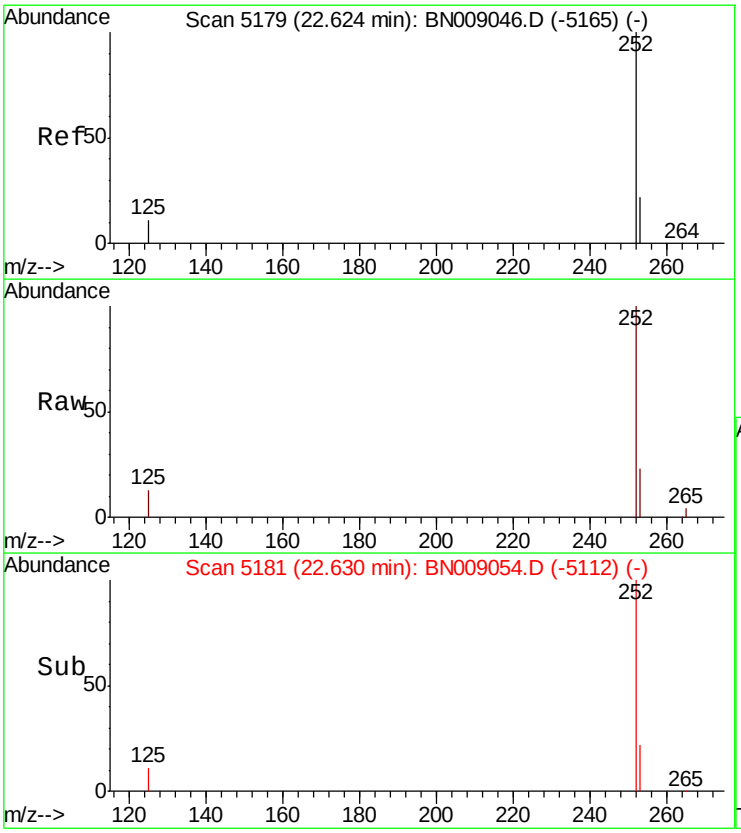
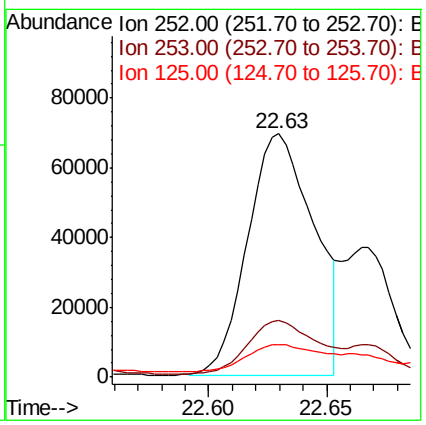
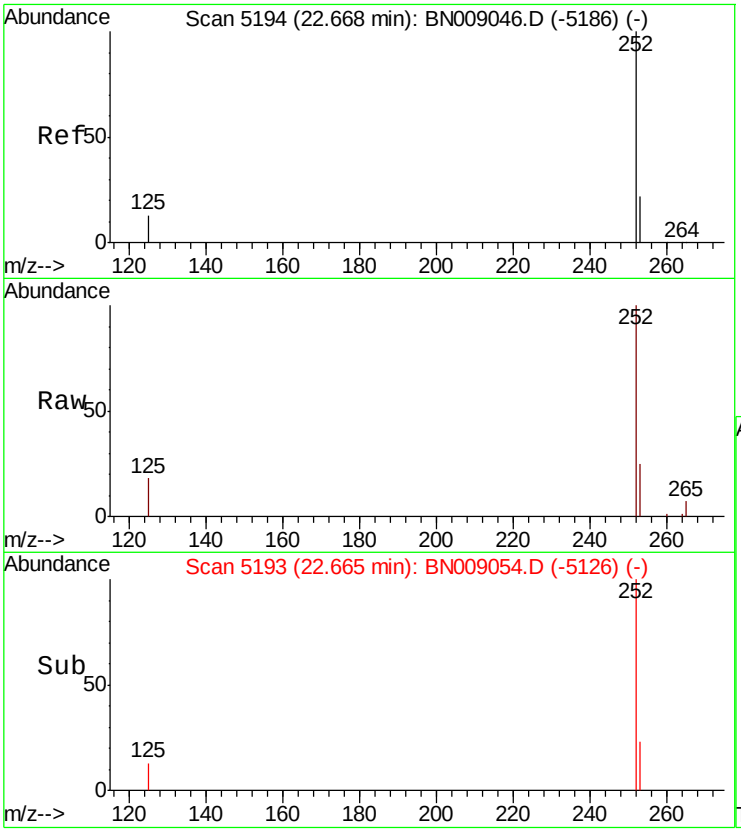


#21
Benzo(b)fluoranthene
Concen: 3.398 ng/ul m
RT: 22.63 min Scan# 5181
Delta R.T. 0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:252 Resp: 135577

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	48.2
125	13.4	0.0	30.0

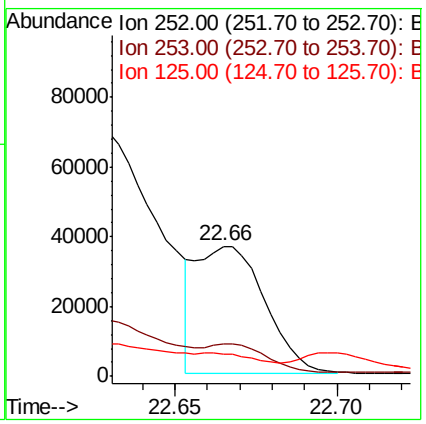




#22
Benzo(k)fluoranthene
Concen: 1.324 ng/ul m
RT: 22.66 min Scan# 5193
Delta R.T. -0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:252 Resp: 53269

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.0
125	17.6	12.4	18.6



Instrument :
BNA_N
ClientSampleId :
C0BT2

Manual Integrations APPROVED
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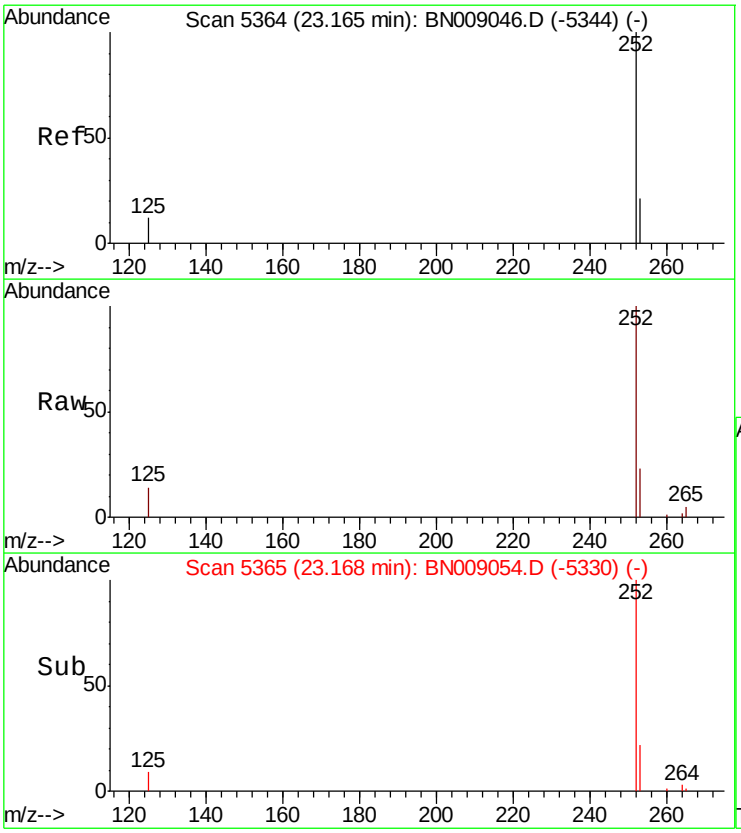
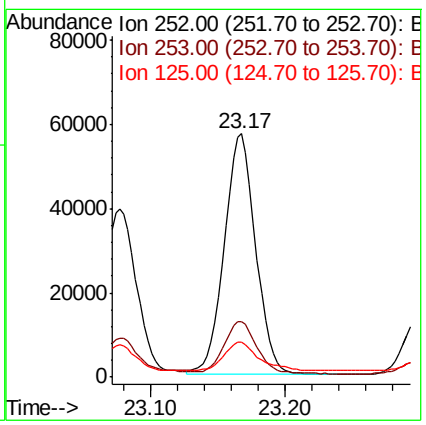
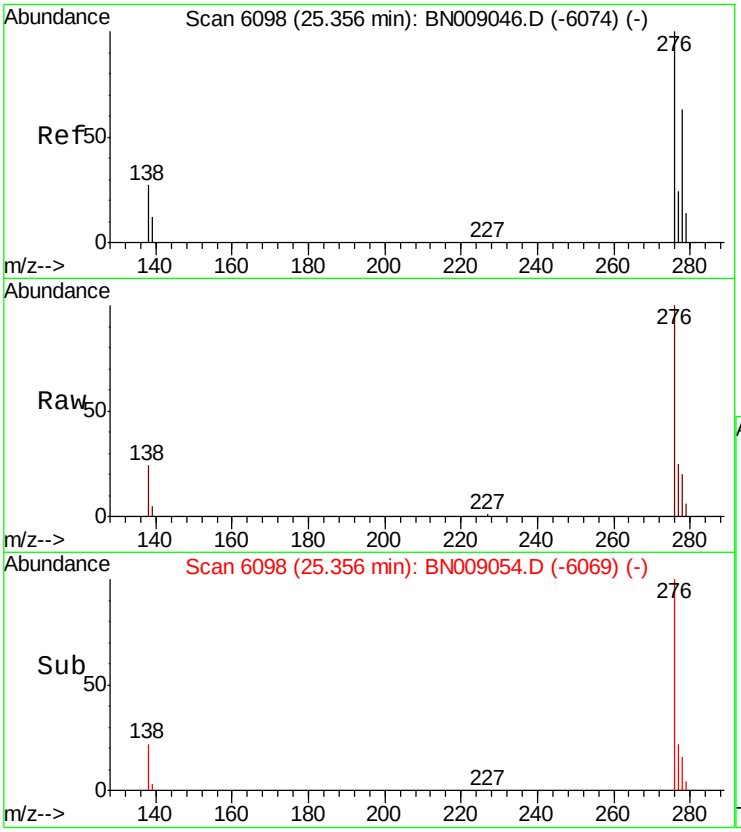


#23
Benzo(a)pyrene
Concen: 2.660 ng/ul
RT: 23.17 min Scan# 5365
Delta R.T. 0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:252 Resp: 93019

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.2	30.4
125	14.3	13.2	19.8

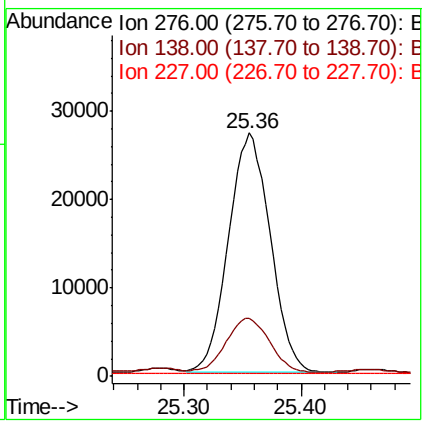




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.763 ng/ul
RT: 25.36 min Scan# 6098
Delta R.T. -0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

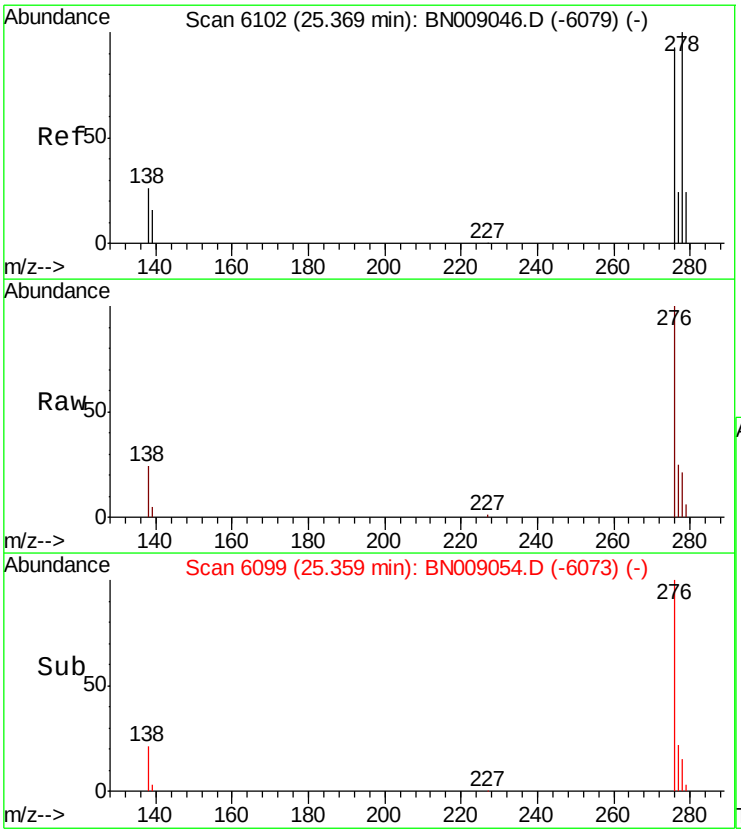
Tgt Ion:276 Resp: 67122

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



Instrument :
BNA_N
ClientSampleId :
C0BT2

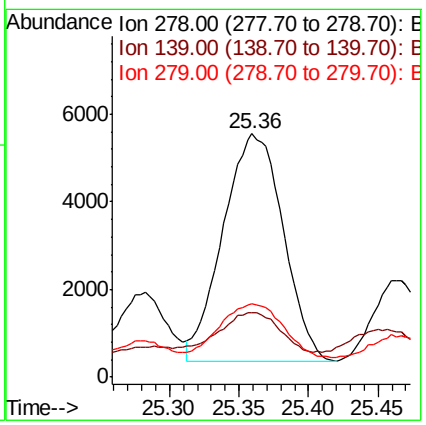
Manual Integrations APPROVED
Sohil
12/20/2019 4:30:04 PM

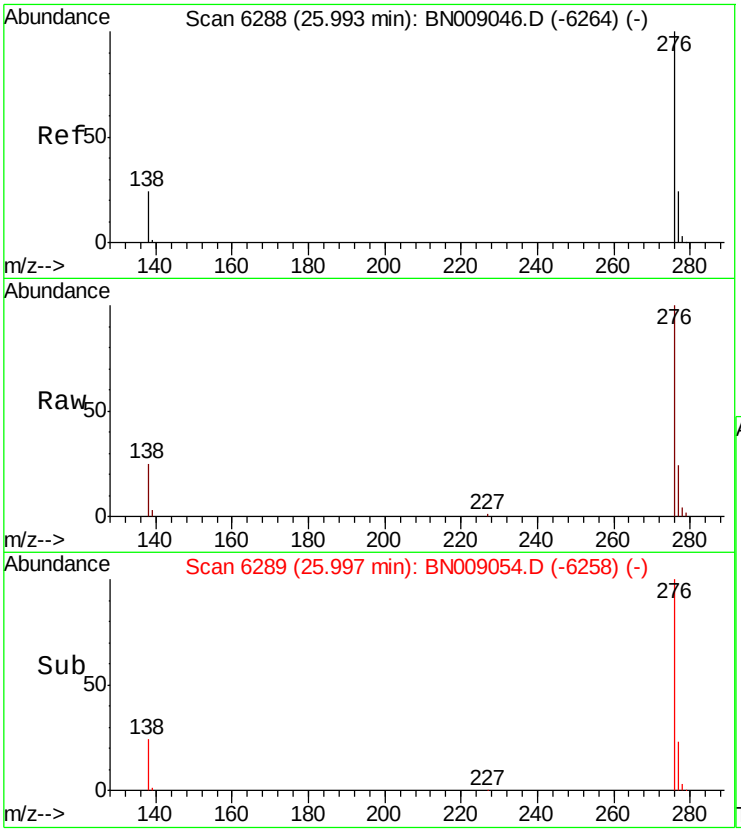


#25
Dibenzo(a,h)anthracene
Concen: 0.514 ng/ul
RT: 25.36 min Scan# 6099
Delta R.T. -0.01 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:278 Resp: 15567

Ion	Ratio	Lower	Upper
278	100		
139	26.4	16.2	24.2#
279	30.2	20.3	30.5

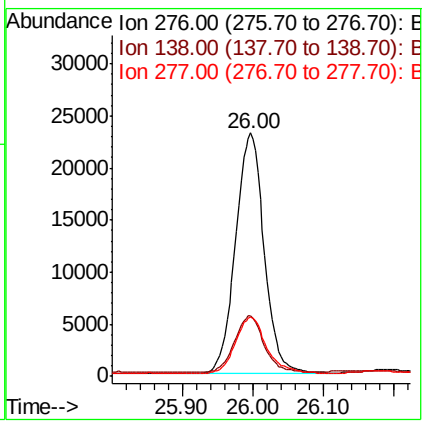




#26
Benzo(g,h,i)perylene
Concen: 2.029 ng/ul
RT: 26.00 min Scan# 6289
Delta R.T. 0.00 min
Lab File: BN009054.D
Acq: 20 Dec 2019 06:10

Tgt Ion:276 Resp: 65089

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.6	30.8
277	24.5	19.6	29.4



Instrument :
BNA_N
ClientSampleId :
C0BT2

Manual Integrations APPROVED
Sohil
12/20/2019 4:30:04 PM