Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008912.D
Acq On : 11 Dec 2019 12:09
Operator : JU
Sample : K6007-15DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0BM1DL

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Quant Time: Dec 11 12:42:13 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 Dec 11 10:35:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2973	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	12212	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	7902	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	17977	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	15475	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	15823	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	690	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	2011	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.37	128	1873	0.051	ng/ul#	90
5) 2-Methylnaphthalene	11.99	142	1910	0.074	ng/ul	98
7) Acenaphthylene	13.90	152	3982	0.091	ng/ul	96
12) Phenanthrene	16.97	178	11756	0.194	ng/ul	99
13) Anthracene	17.06	178	2961	0.052	ng/ul	94
15) Fluoranthene	19.00	202	35707	0.479	ng/ul	100
17) Pyrene	19.36	202	33976	0.547	ng/ul	98
18) Benzo(a)anthracene	21.12	228	22731	0.365	ng/ul	96
19) Chrysene	21.17	228	25465	0.417	ng/ul	98
21) Benzo(b)fluoranthene	22.65	252	33982m	0.521	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	13765m	0.213	ng/ul	
23) Benzo(a)pyrene	23.19	252	18165	0.297	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.39	276	12389	0.173	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.40	278	3416	0.059	ng/ul#	79
26) Benzo(g,h,i)perylene	26.03	276	10663	0.178	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008912.D
Acq On : 11 Dec 2019 12:09
Operator : JU
Sample : K6007-15DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 11 12:42:13 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 Dec 11 10:35:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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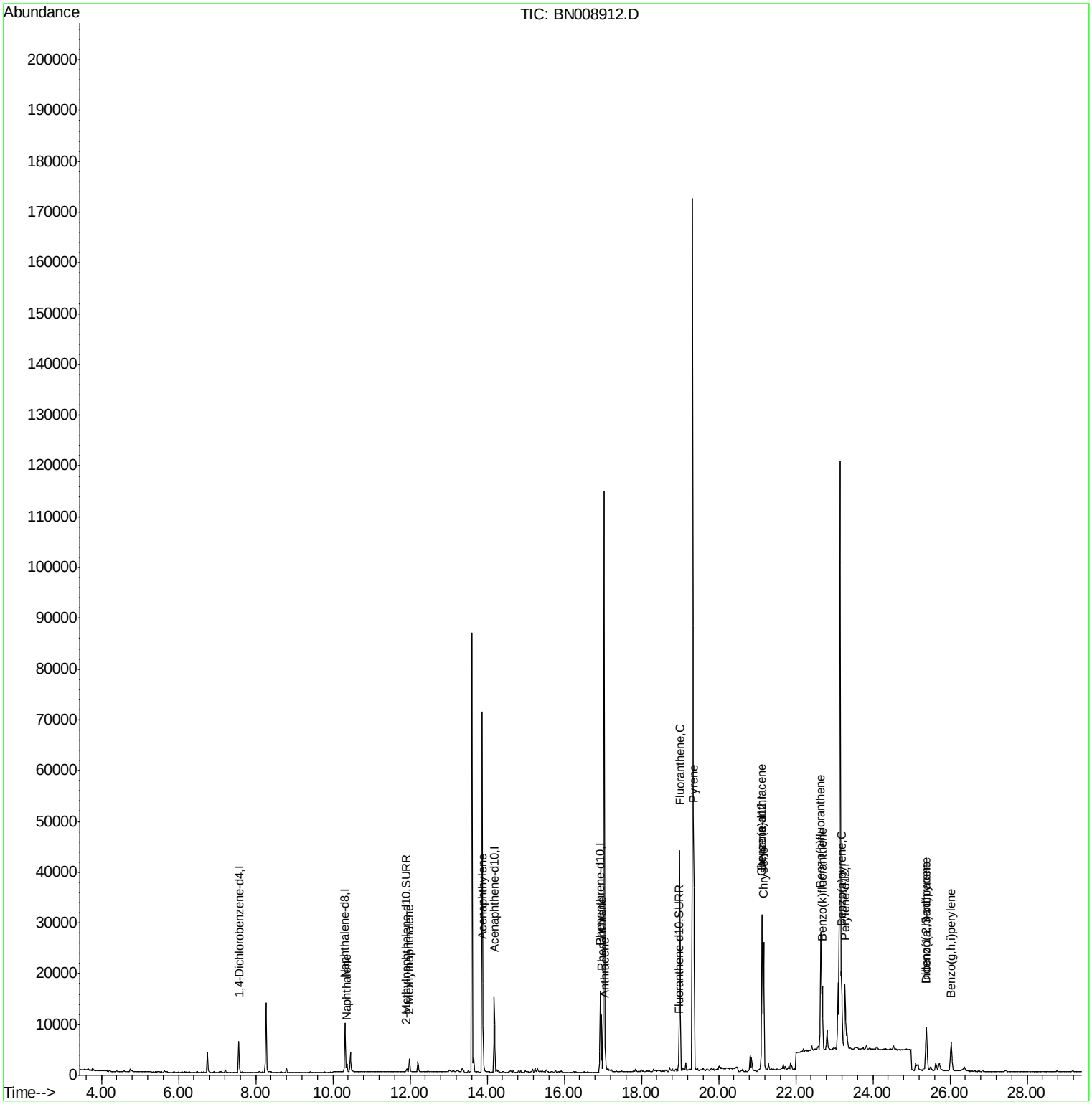

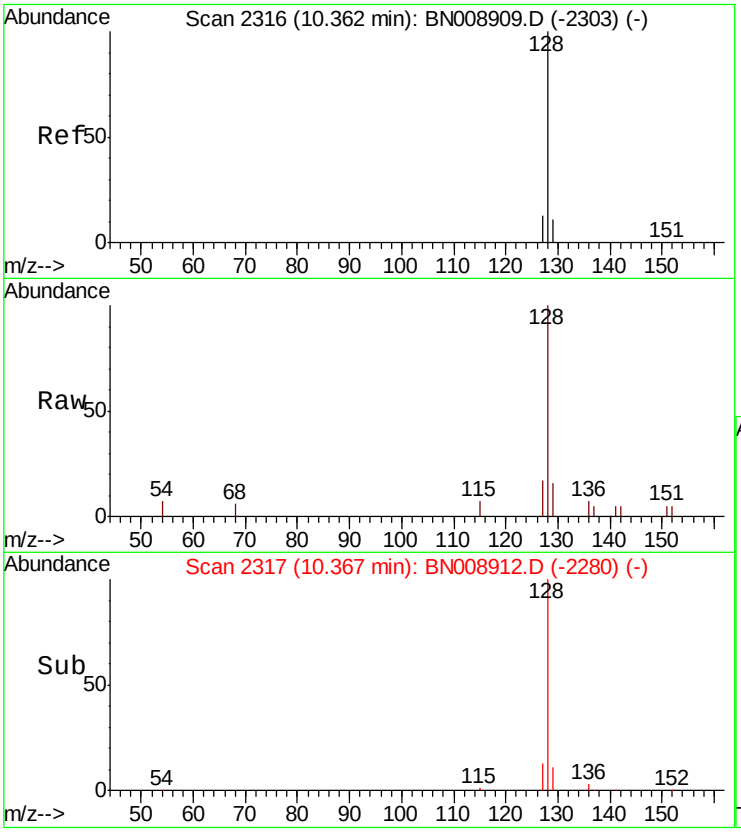

#3
Naphthalene
Concen: 0.051 ng/ul
RT: 10.37 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:128 Resp: 1873

Ion	Ratio	Lower	Upper
128	100		
129	15.6	9.1	13.7#
127	17.0	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
C0BM1DL

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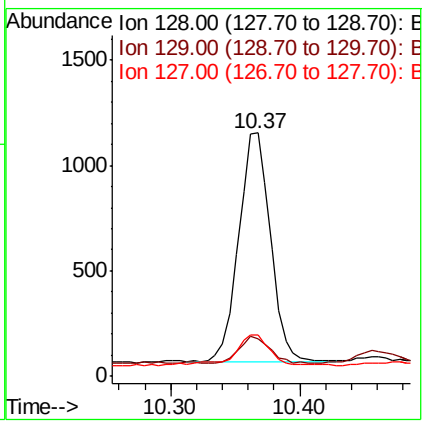
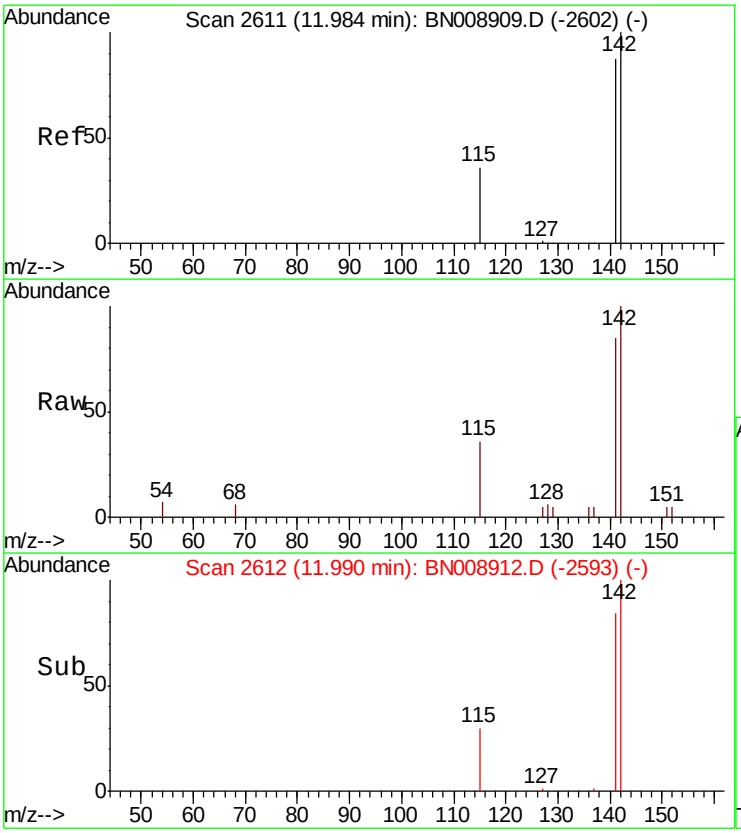
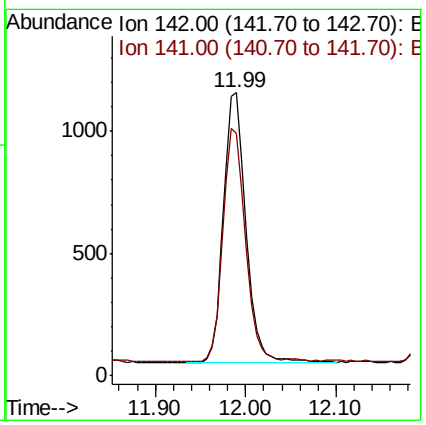


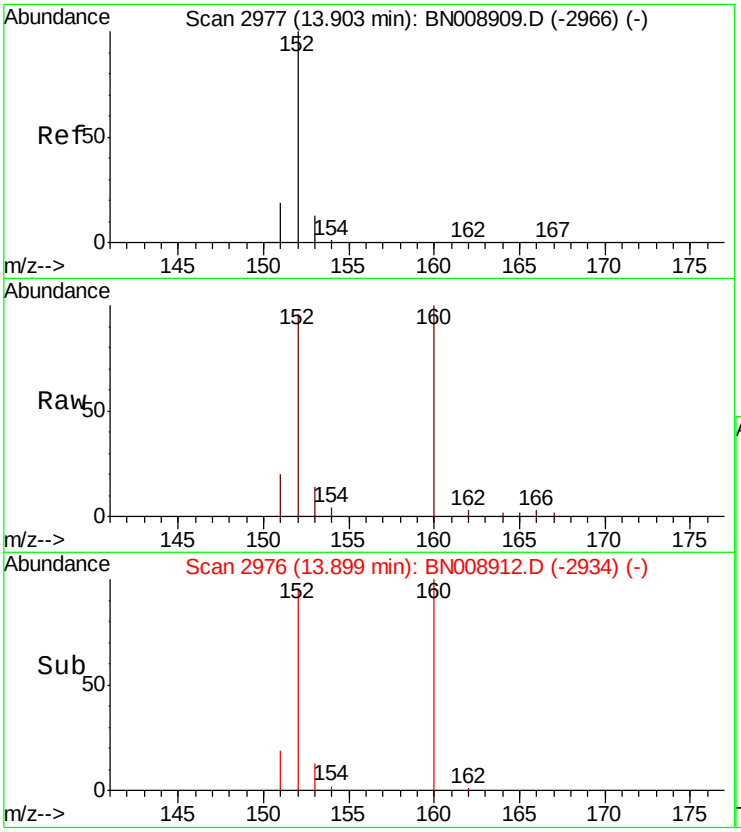


#5
2-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 11.99 min Scan# 2612
Delta R.T. 0.01 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:142 Resp: 1910

Ion	Ratio	Lower	Upper
142	100		
141	86.0	70.1	105.1

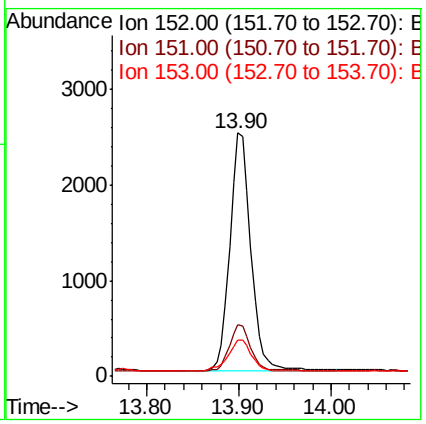




#7
Acenaphthylene
Concen: 0.091 ng/ul
RT: 13.90 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:152 Resp: 3982

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.8	23.6
153	15.0	10.6	15.8



Instrument :
BNA_N
ClientSampleId :
C0BM1DL

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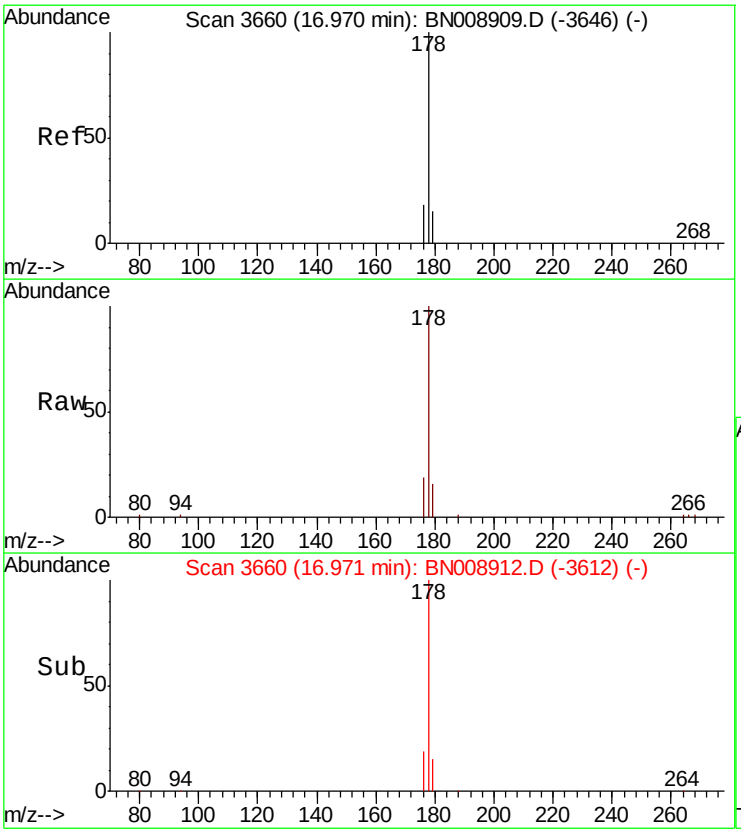
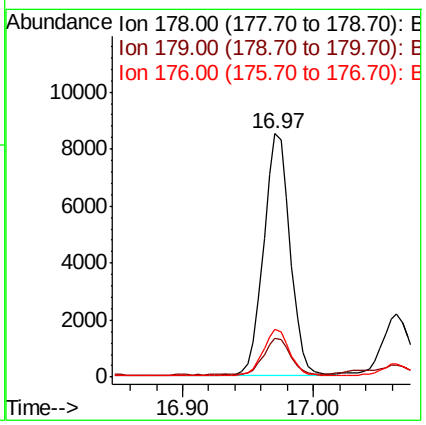
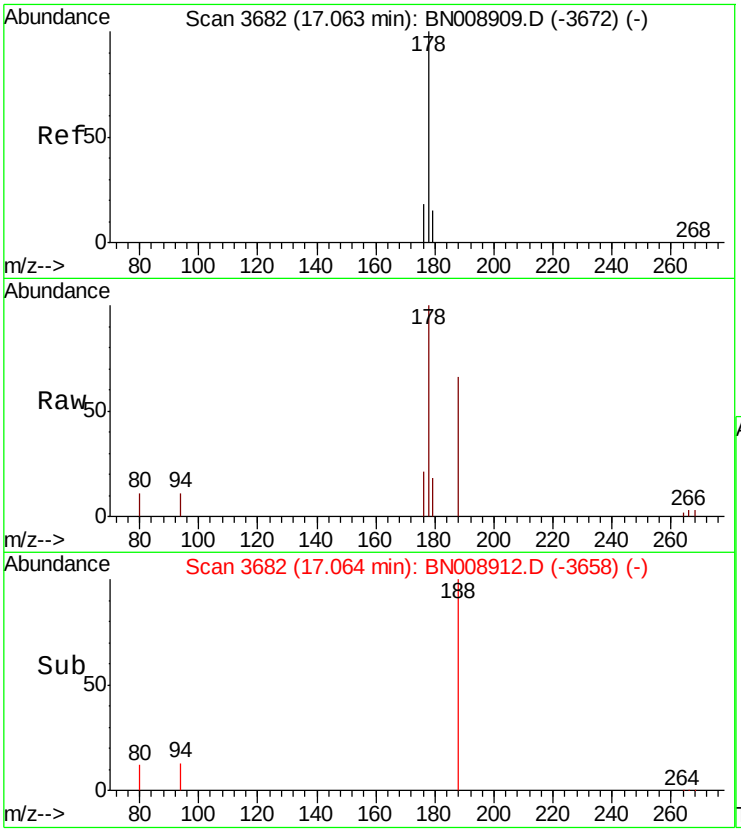


#12
Phenanthrene
Concen: 0.194 ng/ul
RT: 16.97 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:178 Resp: 11756

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	19.4	15.3	22.9

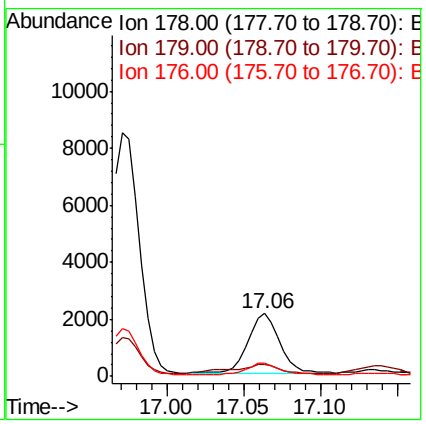




#13
Anthracene
Concen: 0.052 ng/ul
RT: 17.06 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:178 Resp: 2961

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.2	18.4
176	20.5	14.7	22.1



Instrument :
BNA_N
ClientSampleId :
C0BM1DL

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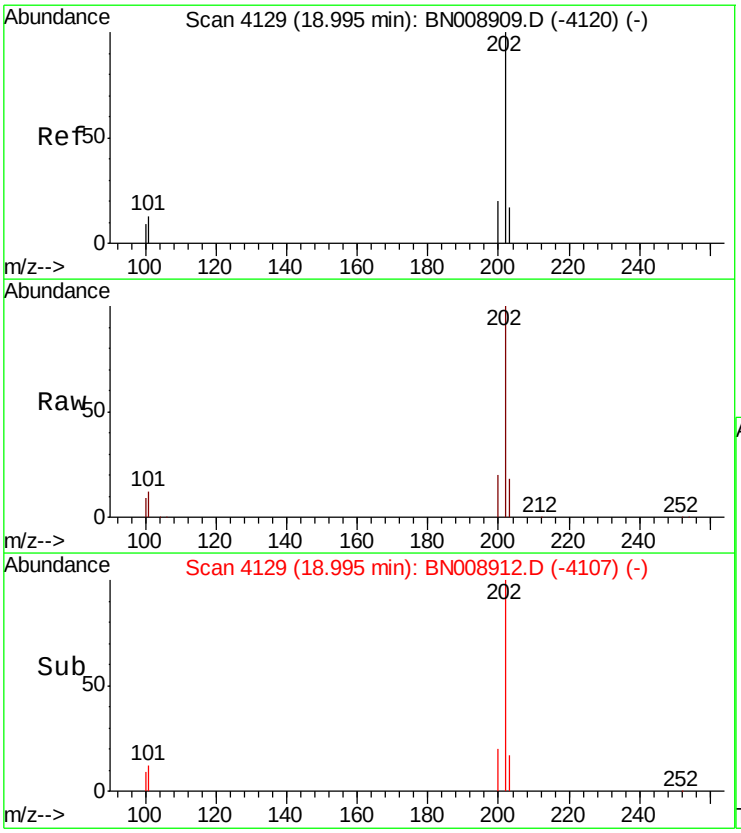
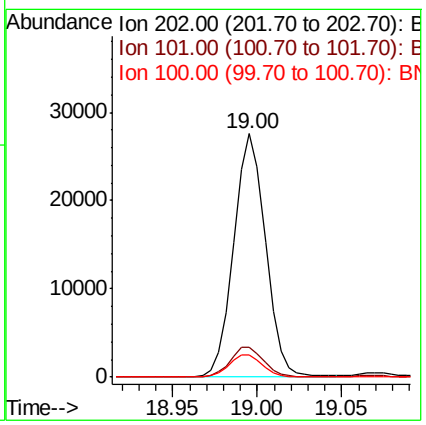
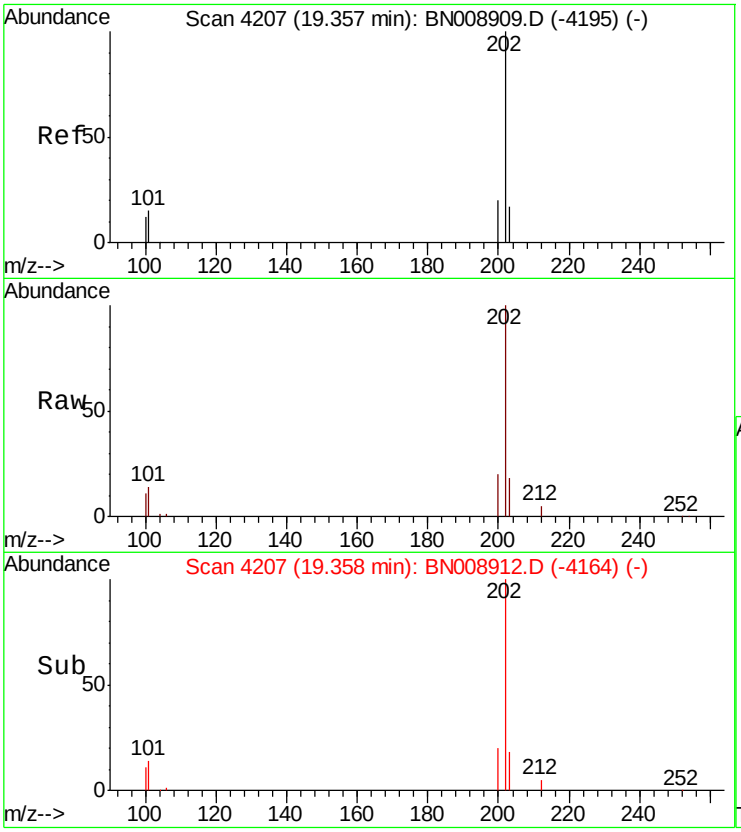


#15
Fluoranthene
Concen: 0.479 ng/ul
RT: 19.00 min Scan# 4129
Delta R.T. 0.00 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:202 Resp: 35707

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.4
100	9.3	0.0	29.2





#17
Pyrene
Concen: 0.547 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:202 Resp: 33976

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.2	18.4
100	11.1	9.5	14.3

Instrument :
BNA_N
ClientSampleId :
C0BM1DL

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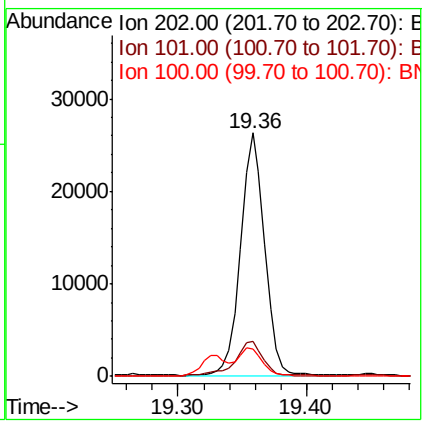
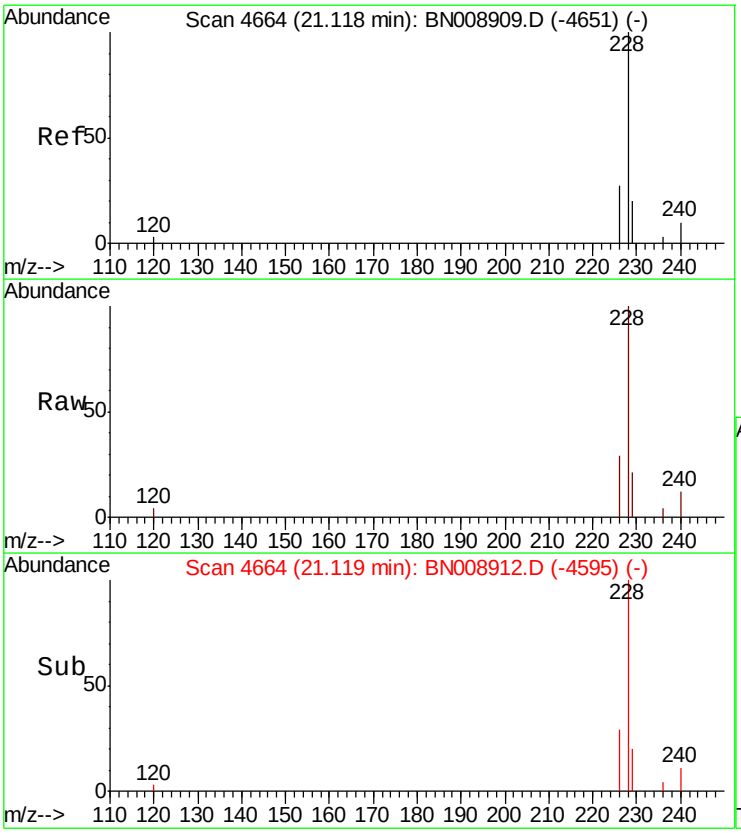
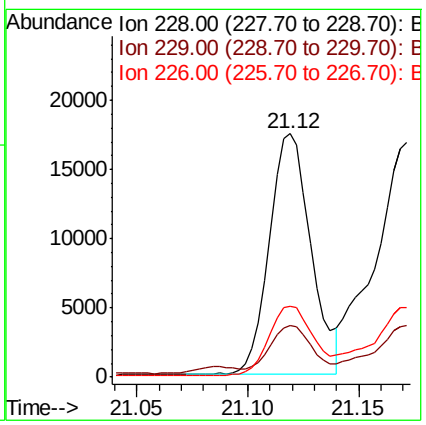


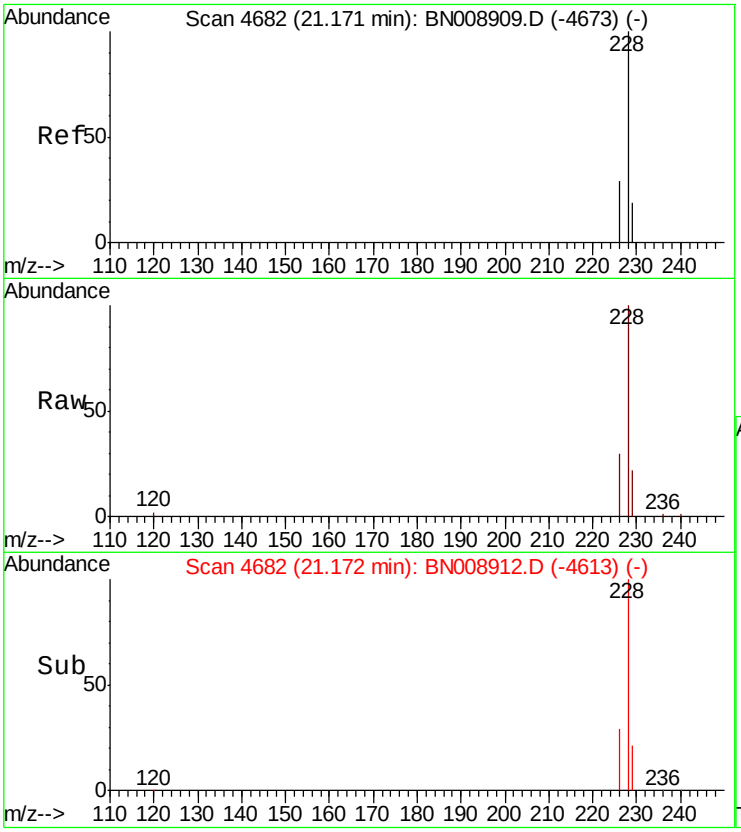


#18
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.12 min Scan# 4664
Delta R.T. 0.00 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:228 Resp: 22731

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	29.3	21.5	32.3

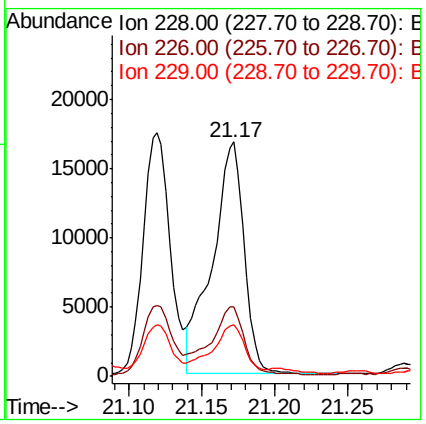




#19
Chrysene
Concen: 0.417 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. 0.00 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:228 Resp: 25465

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	21.9	15.6	23.4



Instrument :
BNA_N
ClientSampleId :
C0BM1DL

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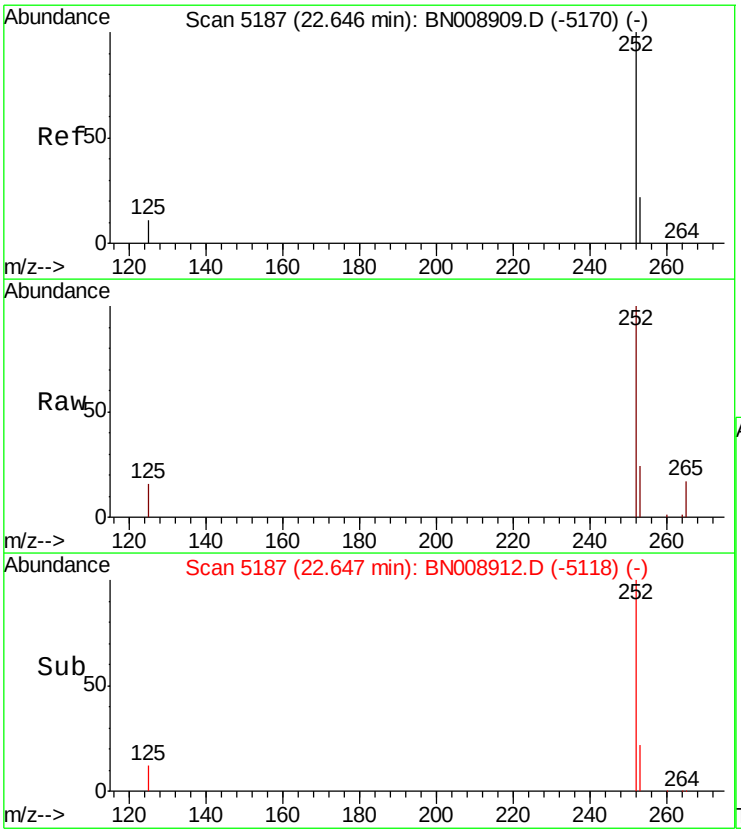
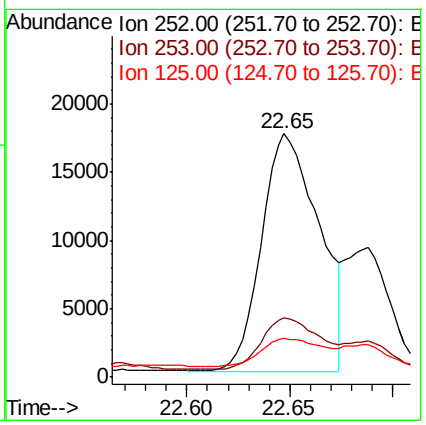
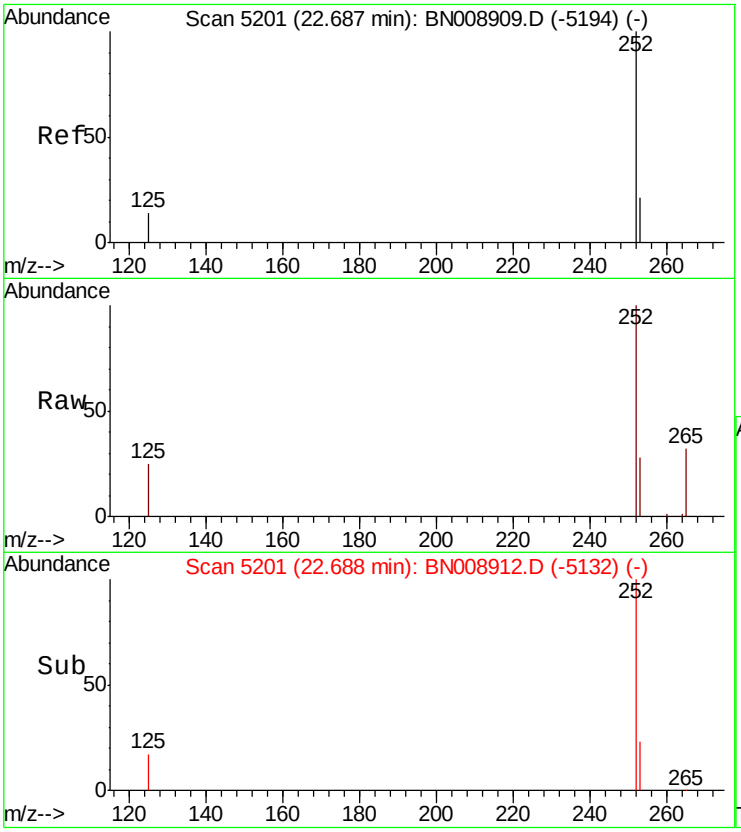


#21
Benzo(b)fluoranthene
Concen: 0.521 ng/ul m
RT: 22.65 min Scan# 5187
Delta R.T. 0.00 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:252 Resp: 33982

Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	48.6
125	16.0	0.0	31.6





#22
Benzo(k)fluoranthene
Concen: 0.213 ng/ul m
RT: 22.69 min Scan# 5201
Delta R.T. 0.00 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:252 Resp: 13765

Ion	Ratio	Lower	Upper
252	100		
253	27.8	19.6	29.4
125	24.7	13.8	20.6#

Instrument :
BNA_N
ClientSampleId :
C0BM1DL

Manual Integrations APPROVED
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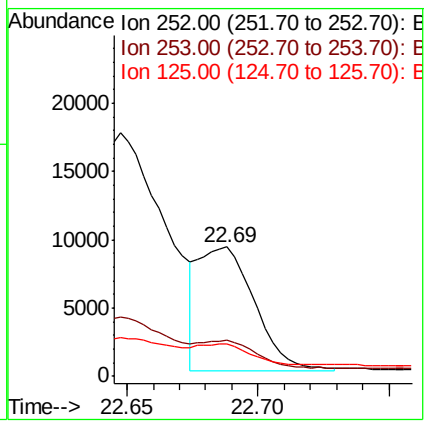
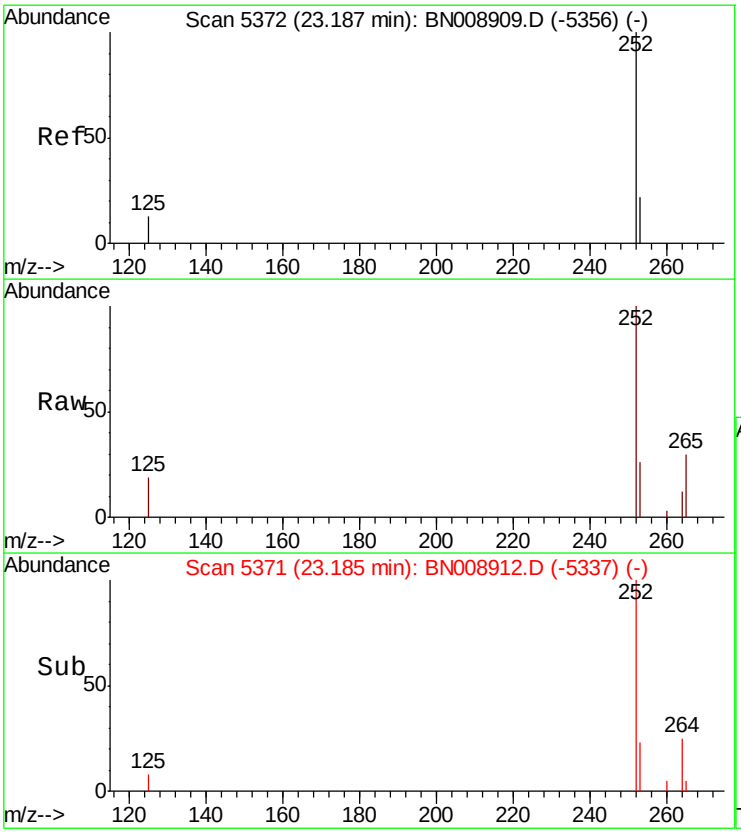
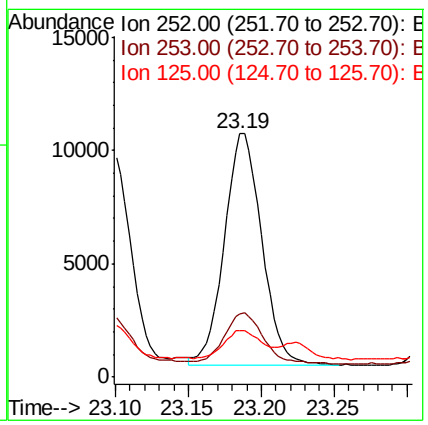


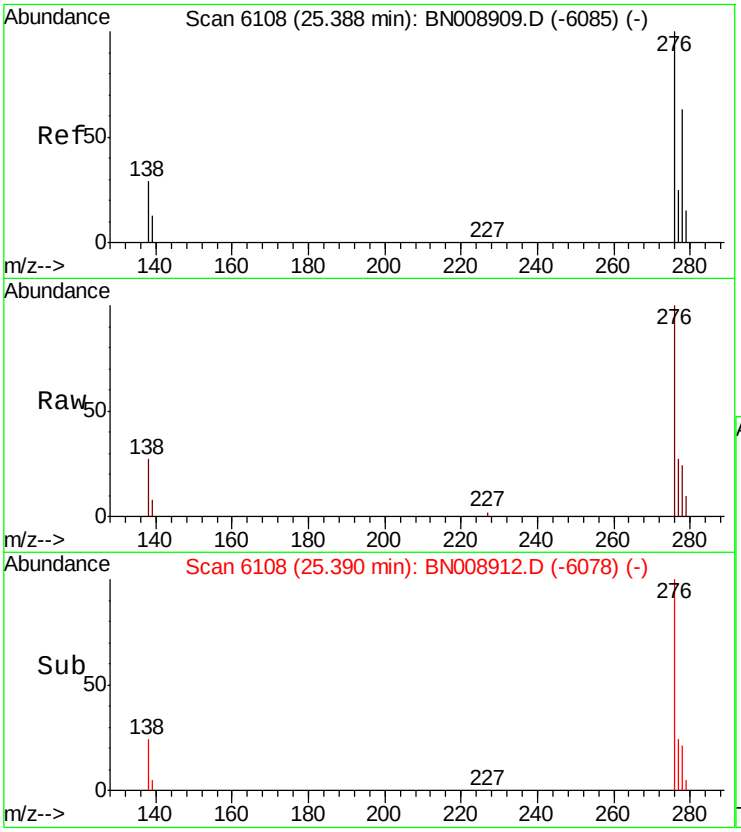


#23
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.19 min Scan# 5371
Delta R.T. -0.00 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:252 Resp: 18165

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.9	29.9
125	19.3	14.6	22.0





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.173 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. 0.00 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:276 Resp: 12389

Ion	Ratio	Lower	Upper
276	100		
138	26.3	23.8	35.6
227	0.1	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
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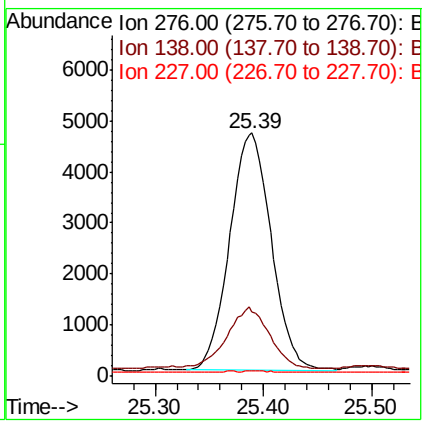
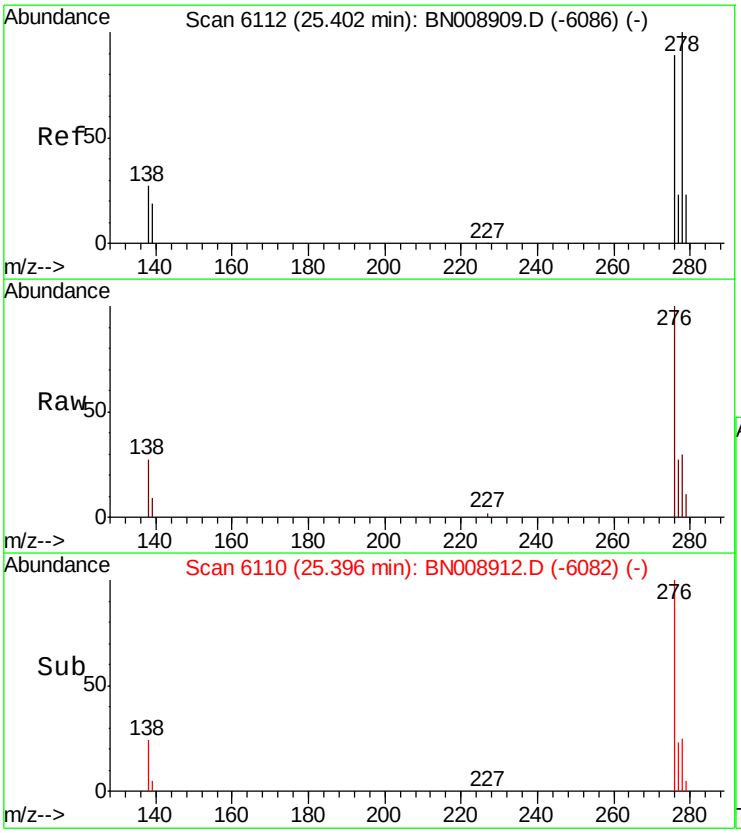
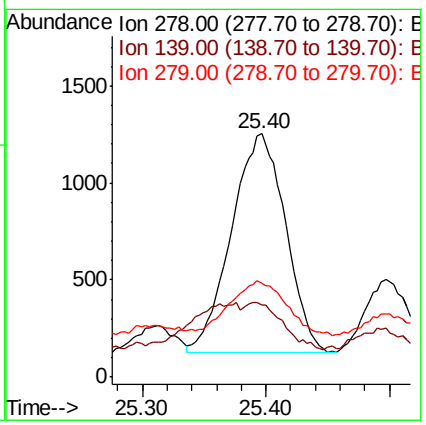


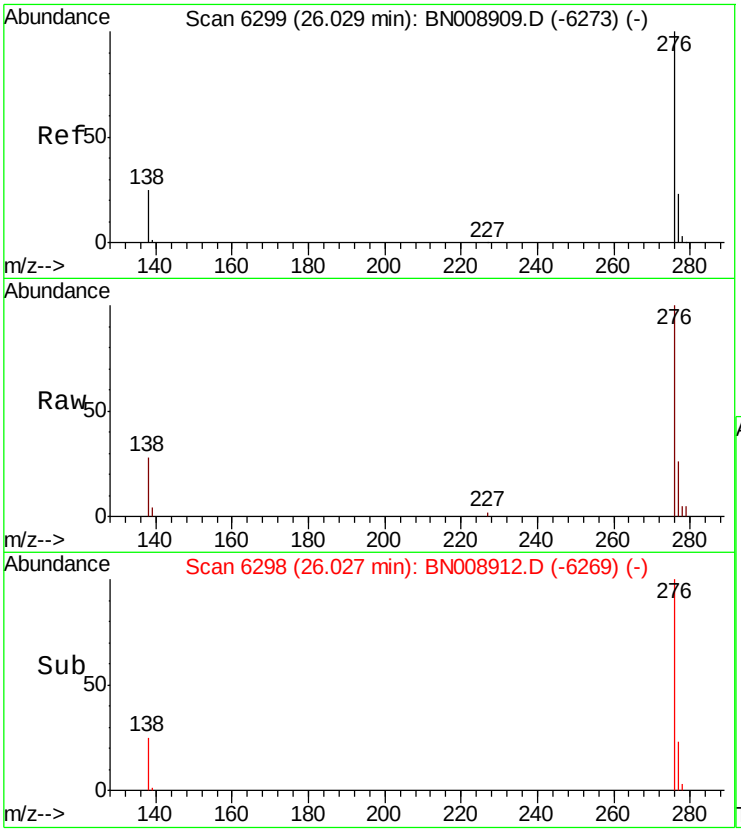


#25
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.40 min Scan# 6110
Delta R.T. -0.01 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:278 Resp: 3416

Ion	Ratio	Lower	Upper
278	100		
139	29.6	17.4	26.0#
279	38.5	20.5	30.7#

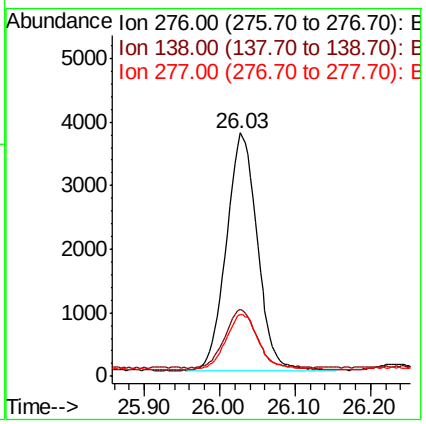




#26
Benzo(g,h,i)perylene
Concen: 0.178 ng/ul
RT: 26.03 min Scan# 6298
Delta R.T. -0.00 min
Lab File: BN008912.D
Acq: 11 Dec 2019 12:09

Tgt Ion:276 Resp: 10663

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.9	32.9
277	25.6	19.9	29.9



Instrument :
BNA_N
ClientSampleId :
C0BM1DL

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