Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009228.D
Acq On : 28 Dec 2019 15:06
Operator : JU
Sample : K6278-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C59

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Quant Time: Dec 29 04:30:37 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 : Sun Dec 29 03:34:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2212	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8181	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4419	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	8932	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	6863	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7142	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	1839	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	4277	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.31	128	4134	0.167	ng/ul	96
5) 2-Methylnaphthalene	11.94	142	2321	0.124	ng/ul	99
7) Acenaphthylene	13.86	152	3616	0.156	ng/ul	96
9) Fluorene	15.20	166	849	0.039	ng/ul#	92
12) Phenanthrene	16.93	178	13587	0.437	ng/ul	99
13) Anthracene	17.02	178	4281	0.154	ng/ul	95
15) Fluoranthene	18.95	202	33839	0.953	ng/ul	99
17) Pyrene	19.32	202	26167	0.747	ng/ul	100
18) Benzo(a)anthracene	21.07	228	16345	0.536	ng/ul#	92
19) Chrysene	21.12	228	15660	0.511	ng/ul#	93
21) Benzo(b)fluoranthene	22.59	252	20674m	0.620	ng/ul	
22) Benzo(k)fluoranthene	22.63	252	7283m	0.217	ng/ul	
23) Benzo(a)pyrene	23.12	252	12543	0.429	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.31	276	9149	0.287	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.31	278	2993	0.118	ng/ul#	43
26) Benzo(g,h,i)perylene	25.94	276	7600	0.283	ng/ul#	86

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

Quantitation Report (QT Reviewed)

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ClientSampleId :
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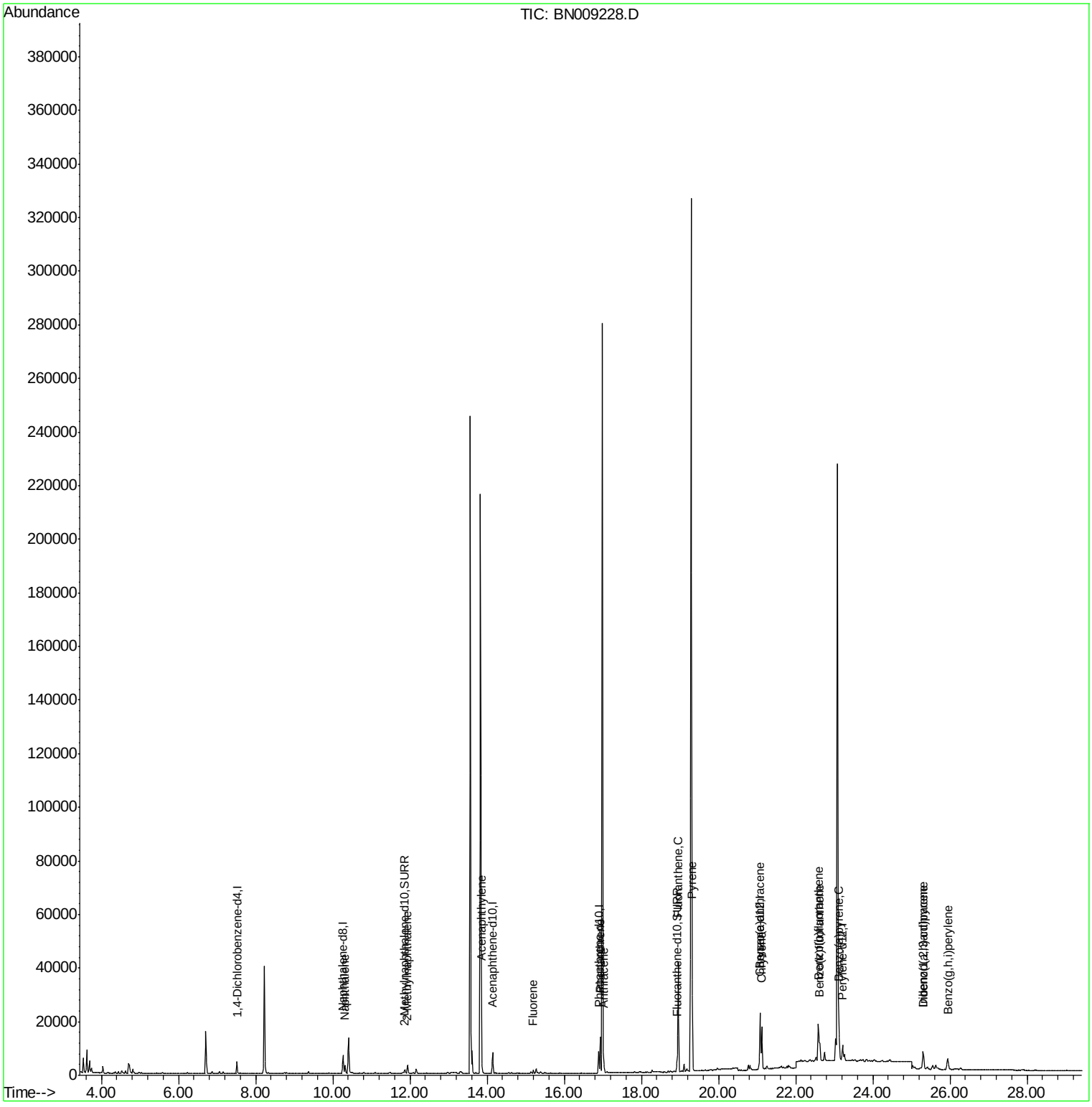
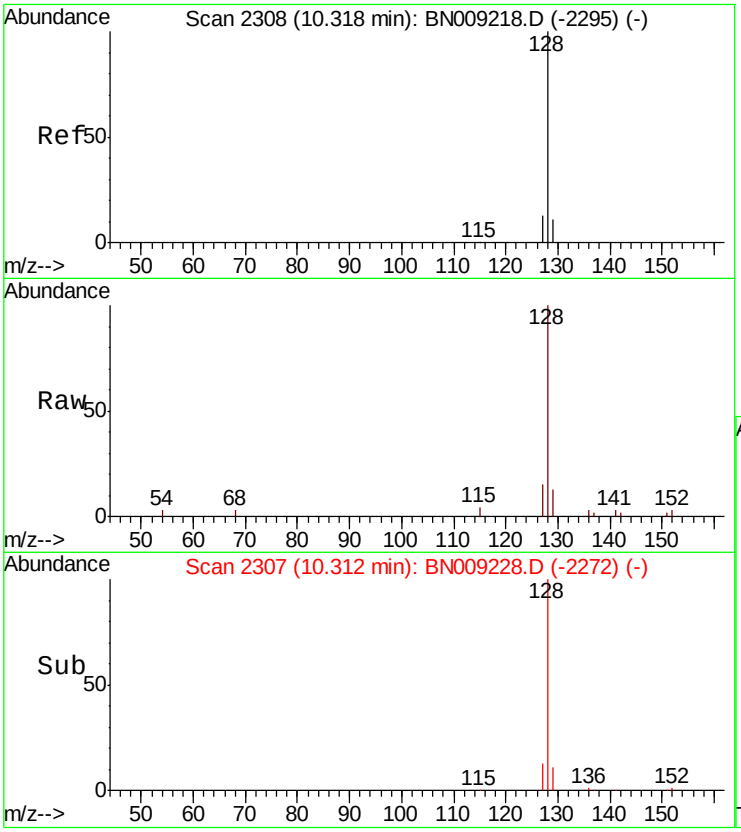
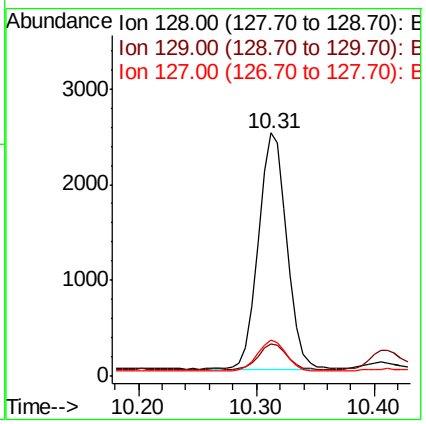




#3
Naphthalene
Concen: 0.167 ng/ul
RT: 10.31 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:128 Resp: 4134

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.0	13.4
127	14.9	10.9	16.3



Instrument :
BNA_N
ClientSampleId :
C0C59

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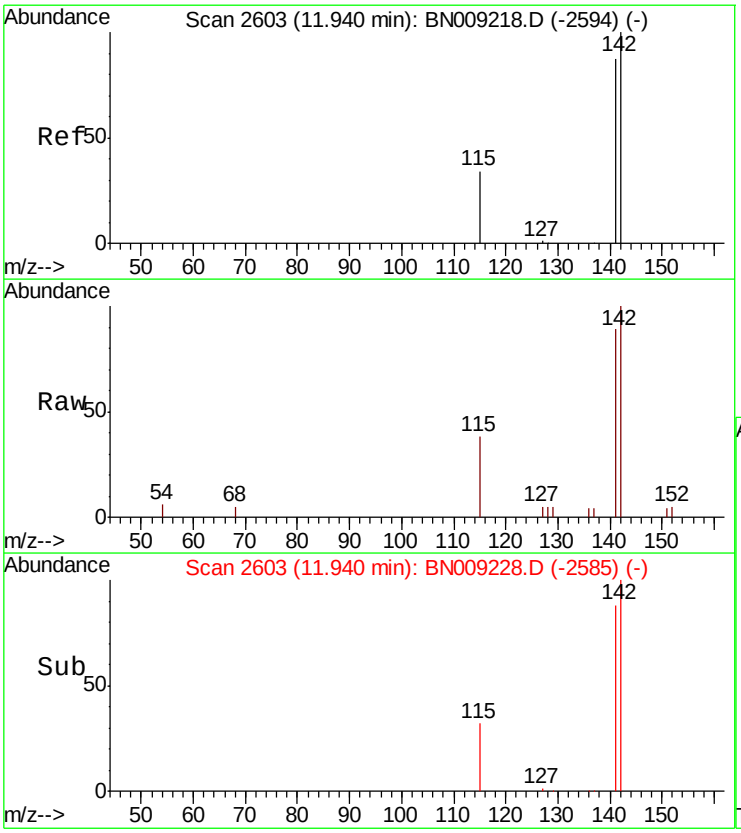
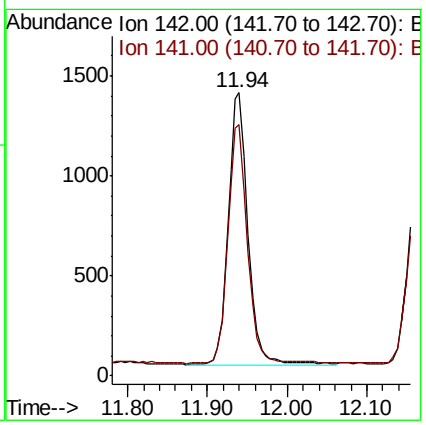
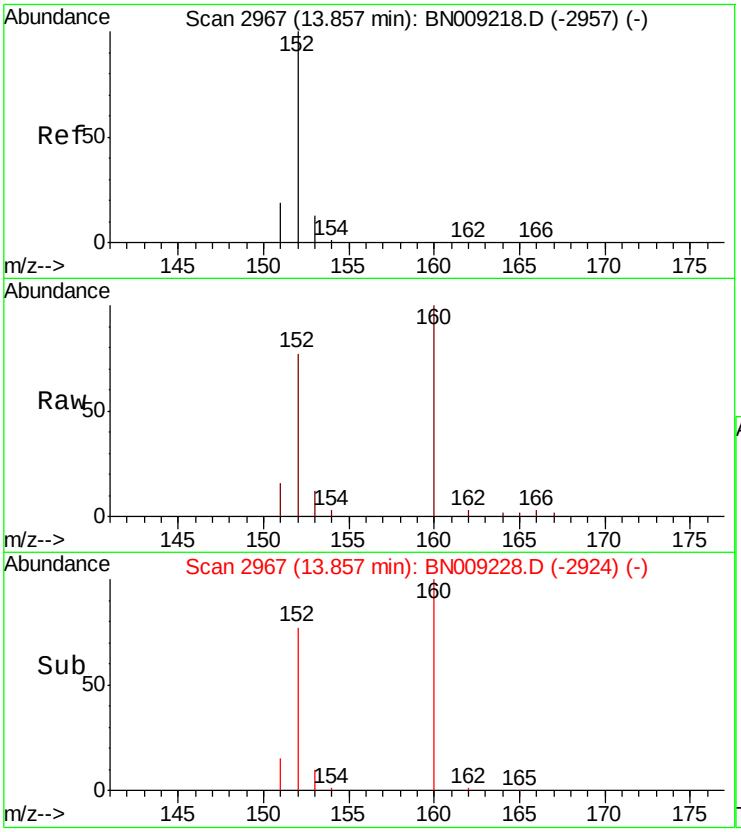


#5
2-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 11.94 min Scan# 2603
Delta R.T. 0.00 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:142 Resp: 2321

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.2	105.4





#7
Acenaphthylene
Concen: 0.156 ng/ul
RT: 13.86 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:152 Resp: 3616

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.7	23.5
153	15.7	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
C0C59

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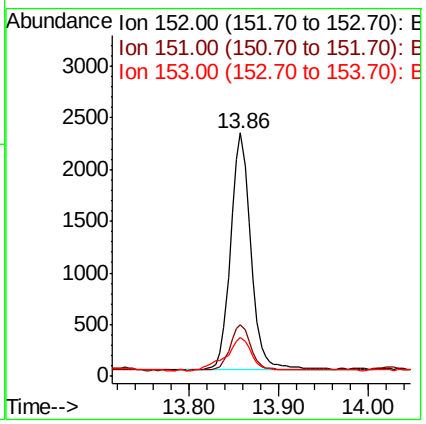
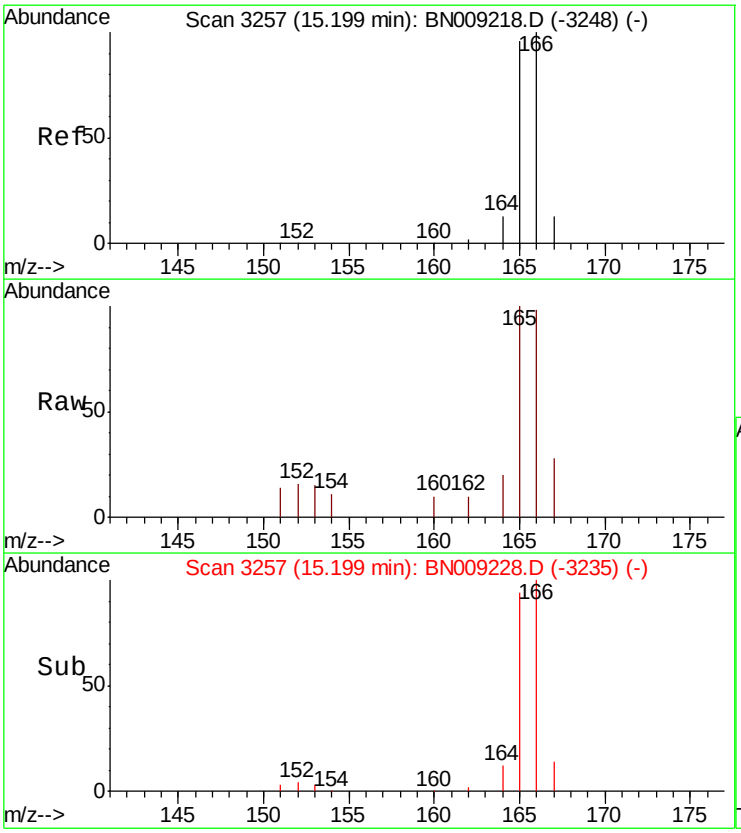
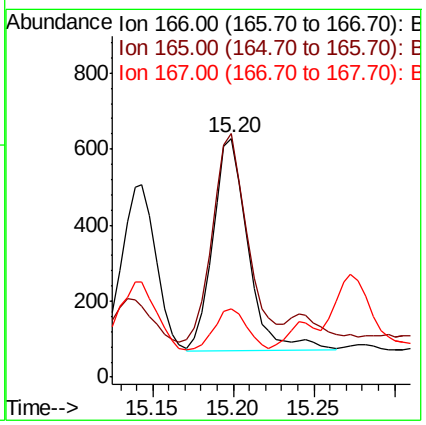


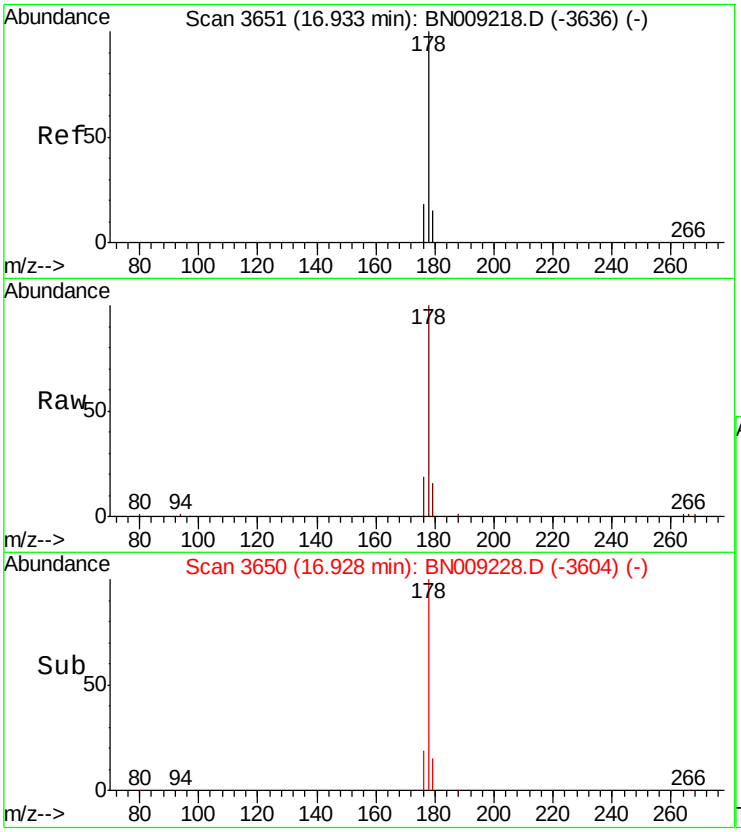


#9
Fluorene
Concen: 0.039 ng/ul
RT: 15.20 min Scan# 3257
Delta R.T. 0.00 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:166 Resp: 849

Ion	Ratio	Lower	Upper
166	100		
165	102.1	78.2	117.4
167	28.7	11.0	16.6#

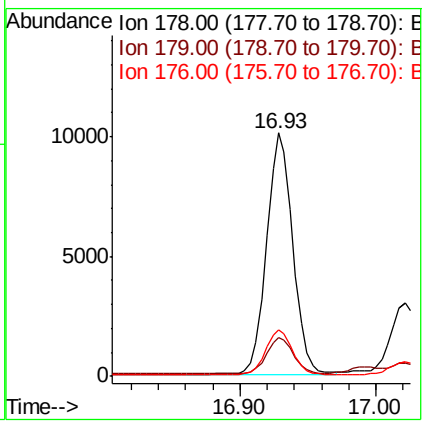




#12
Phenanthrene
Concen: 0.437 ng/ul
RT: 16.93 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:178 Resp: 13587

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.3	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
C0C59

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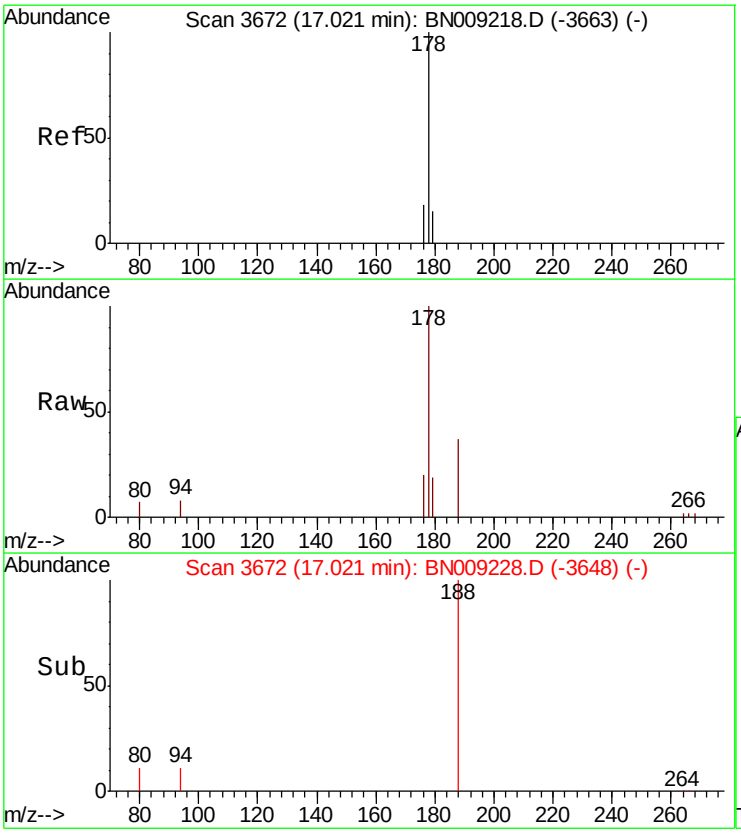
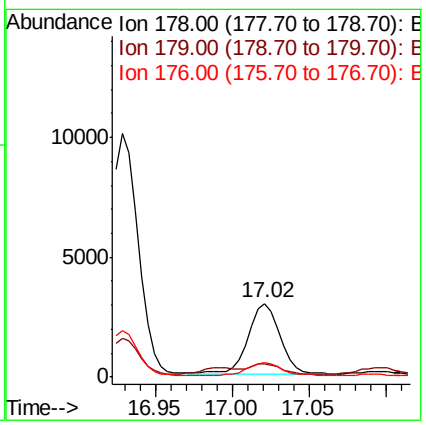
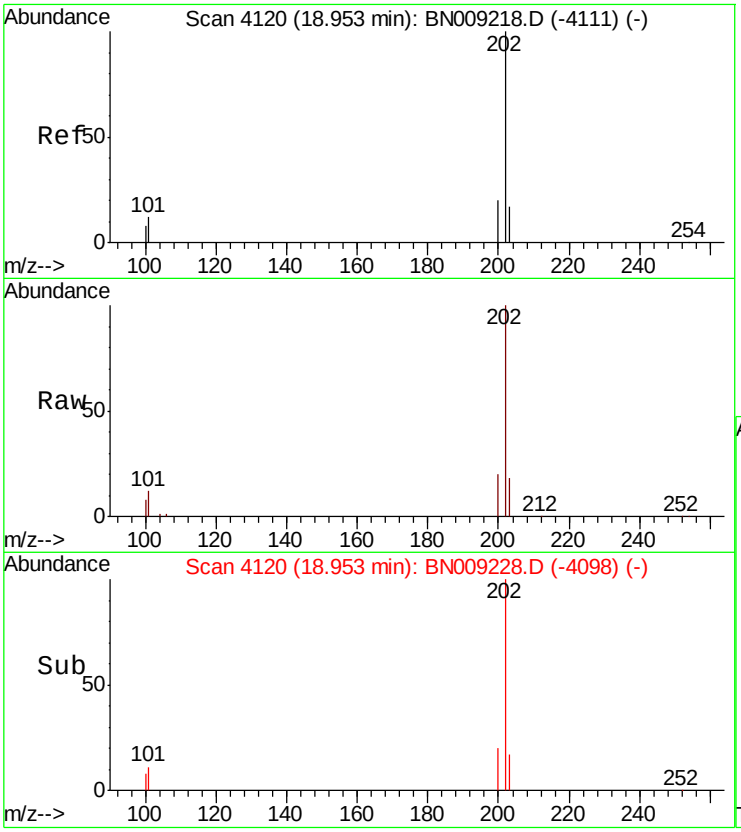


#13
Anthracene
Concen: 0.154 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:178 Resp: 4281

Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.5	18.7
176	19.9	14.9	22.3





#15
Fluoranthene
Concen: 0.953 ng/ul
RT: 18.95 min Scan# 4120
Delta R.T. 0.00 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:202 Resp: 33839

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.5
100	8.4	0.0	28.9

Instrument :
BNA_N
ClientSampleId :
C0C59

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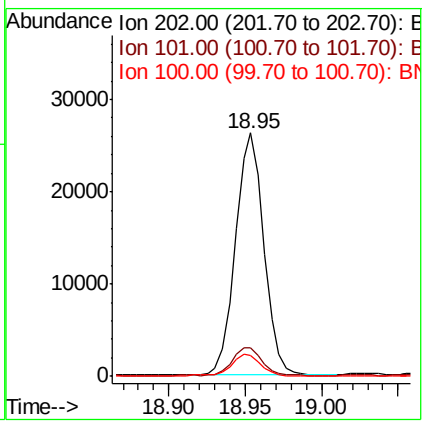
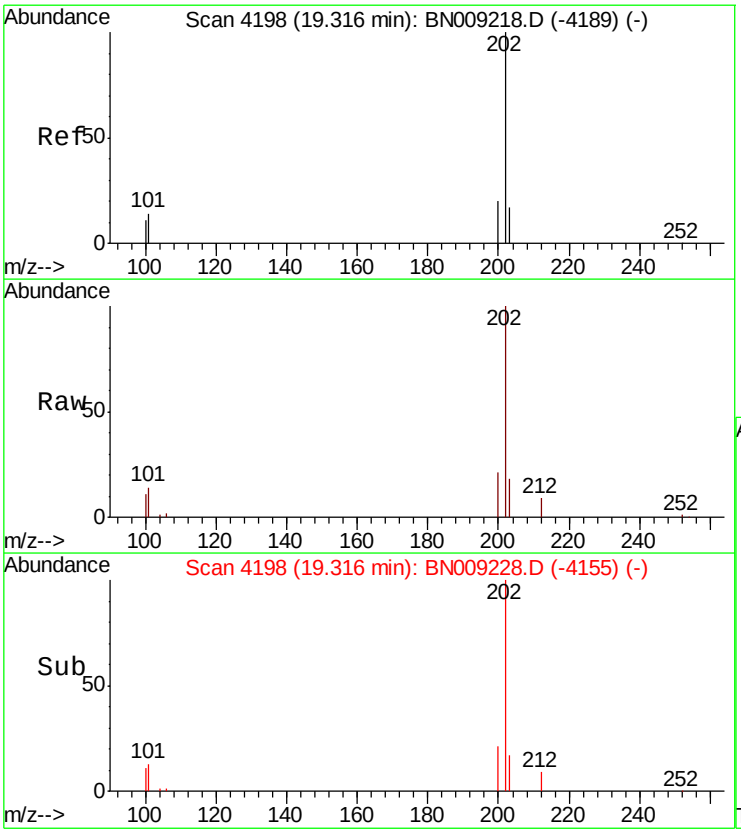
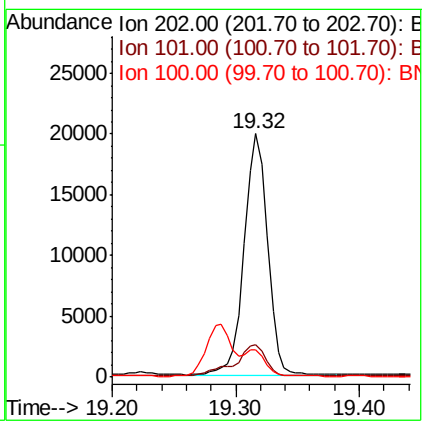


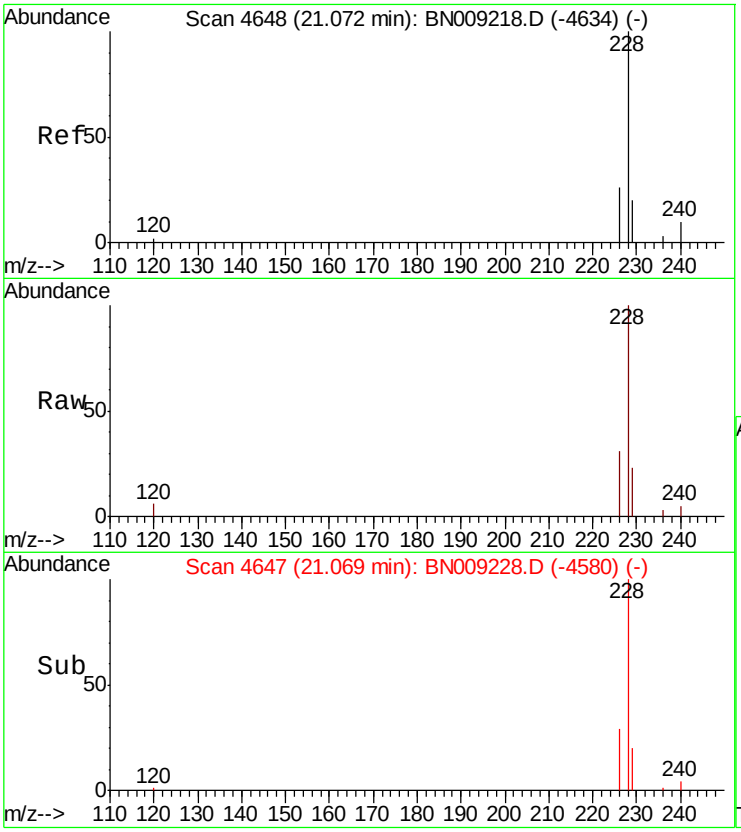


#17
Pyrene
Concen: 0.747 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:202 Resp: 26167

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.9	16.3
100	11.2	9.0	13.6





#18
Benzo(a)anthracene
Concen: 0.536 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. -0.00 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:228 Resp: 16345

Ion	Ratio	Lower	Upper
228	100		
229	23.3	15.5	23.3#
226	31.0	21.7	32.5

Instrument :
BNA_N
ClientSampleId :
C0C59

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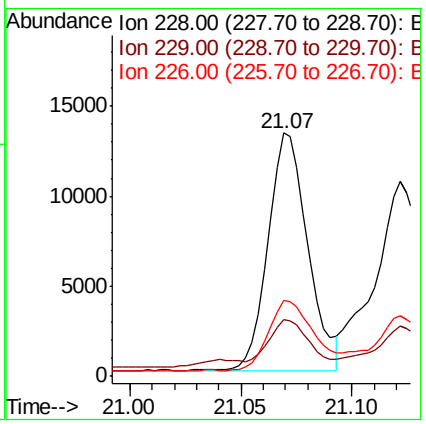
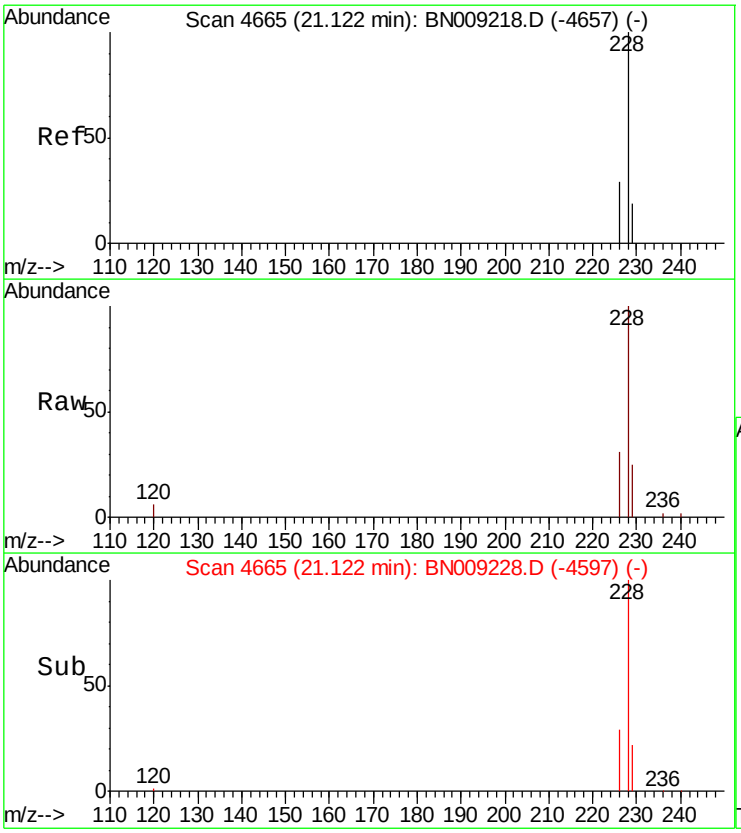
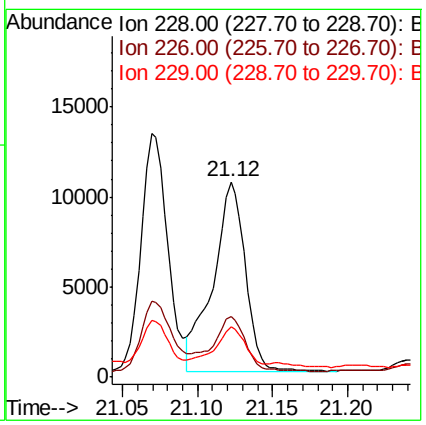


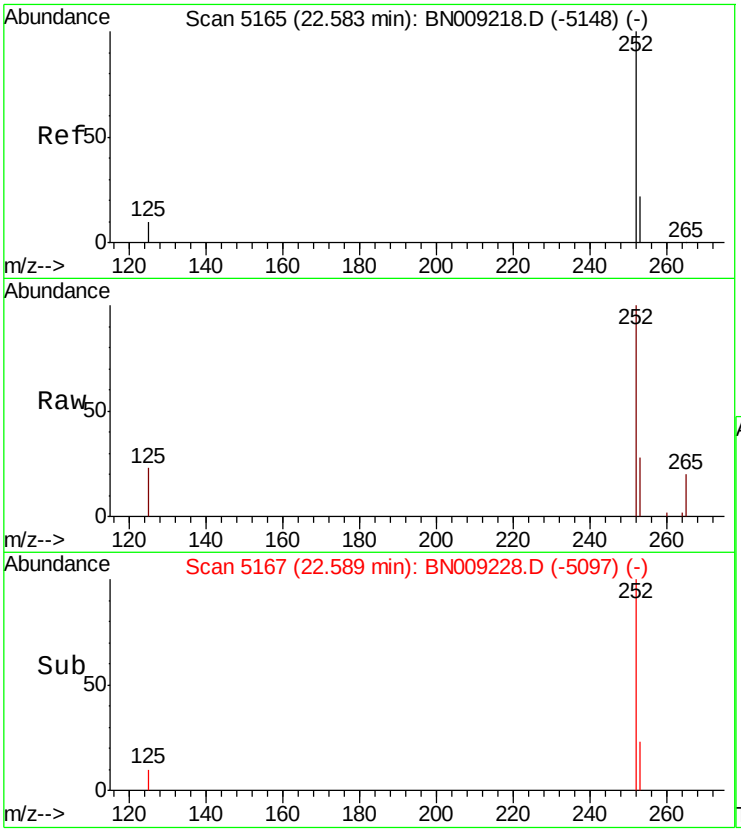


#19
Chrysene
Concen: 0.511 ng/ul
RT: 21.12 min Scan# 4665
Delta R.T. 0.00 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:228 Resp: 15660

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.7	35.5
229	25.5	15.4	23.0#

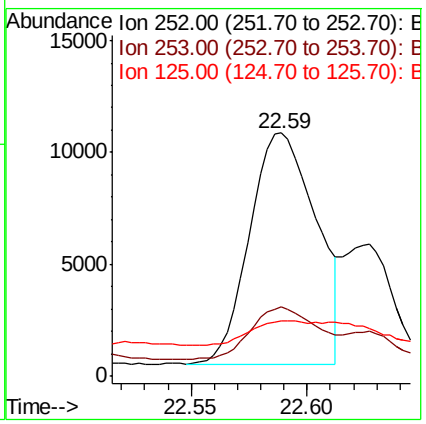




#21
Benzo(b)fluoranthene
Concen: 0.620 ng/ul m
RT: 22.59 min Scan# 5167
Delta R.T. 0.01 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:252 Resp: 20674

Ion	Ratio	Lower	Upper
252	100		
253	28.4	0.0	48.2
125	22.6	0.0	30.0



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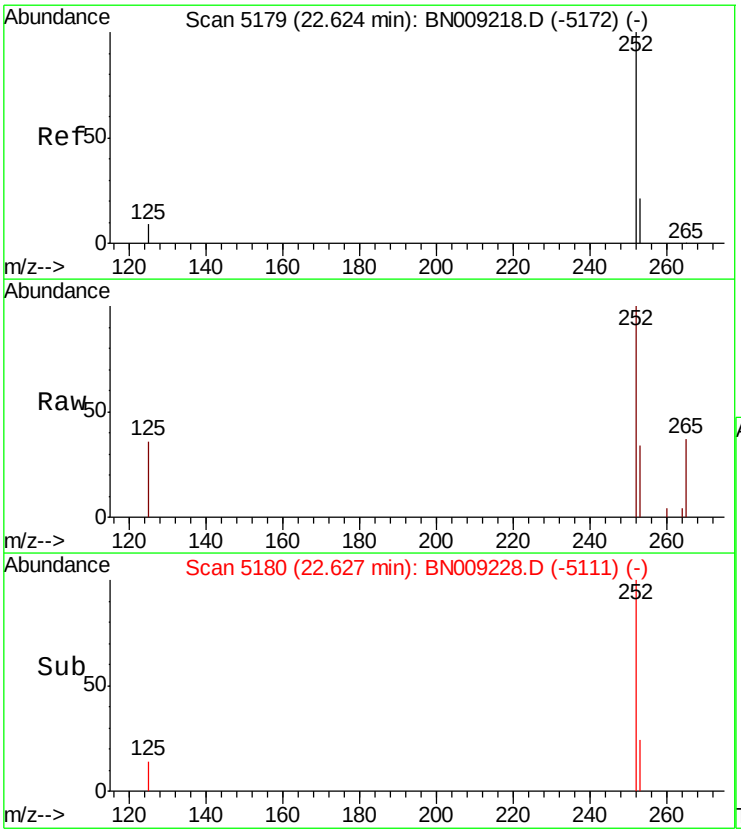
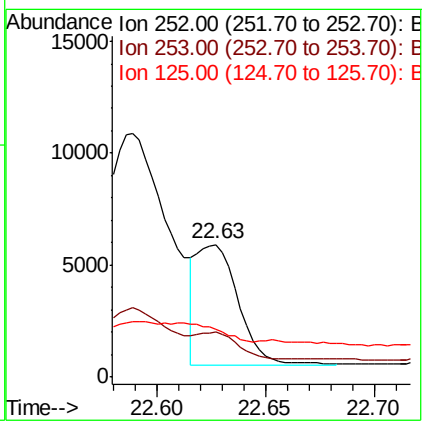
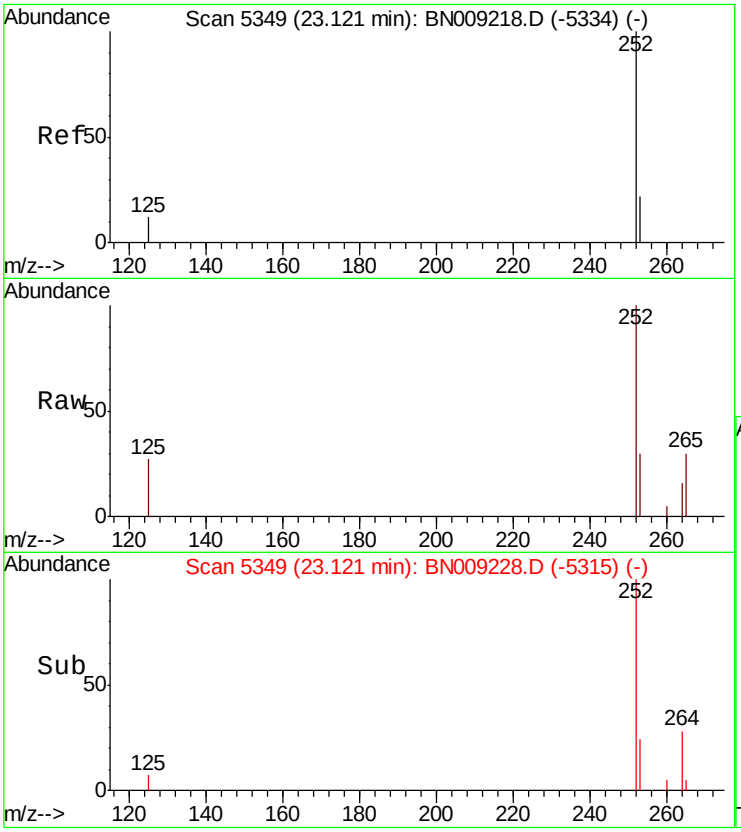


#22
Benzo(k)fluoranthene
Concen: 0.217 ng/ul m
RT: 22.63 min Scan# 5180
Delta R.T. 0.00 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:252 Resp: 7283

Ion	Ratio	Lower	Upper
252	100		
253	33.8	19.4	29.0#
125	35.9	12.4	18.6#





#23
Benzo(a)pyrene
Concen: 0.429 ng/ul
RT: 23.12 min Scan# 5349
Delta R.T. 0.00 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:252 Resp: 12543

Ion	Ratio	Lower	Upper
252	100		
253	30.2	20.2	30.4
125	27.2	13.2	19.8#

Instrument :
BNA_N
ClientSampleId :
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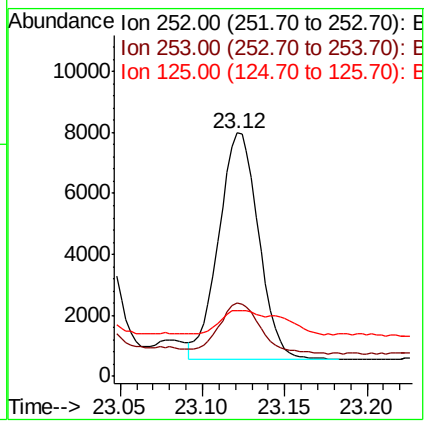
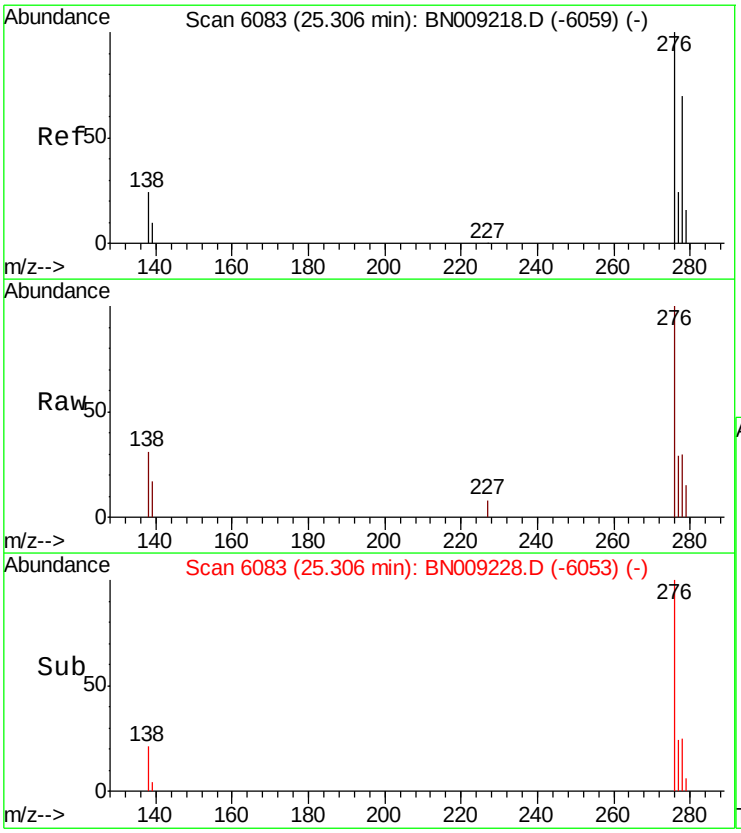
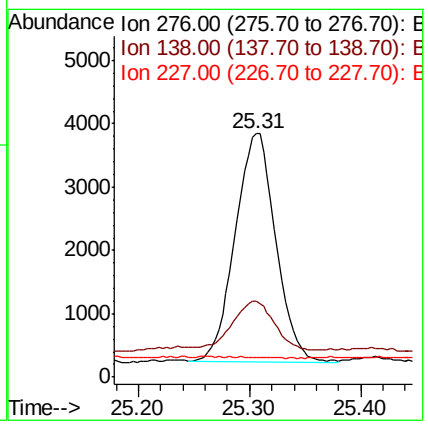


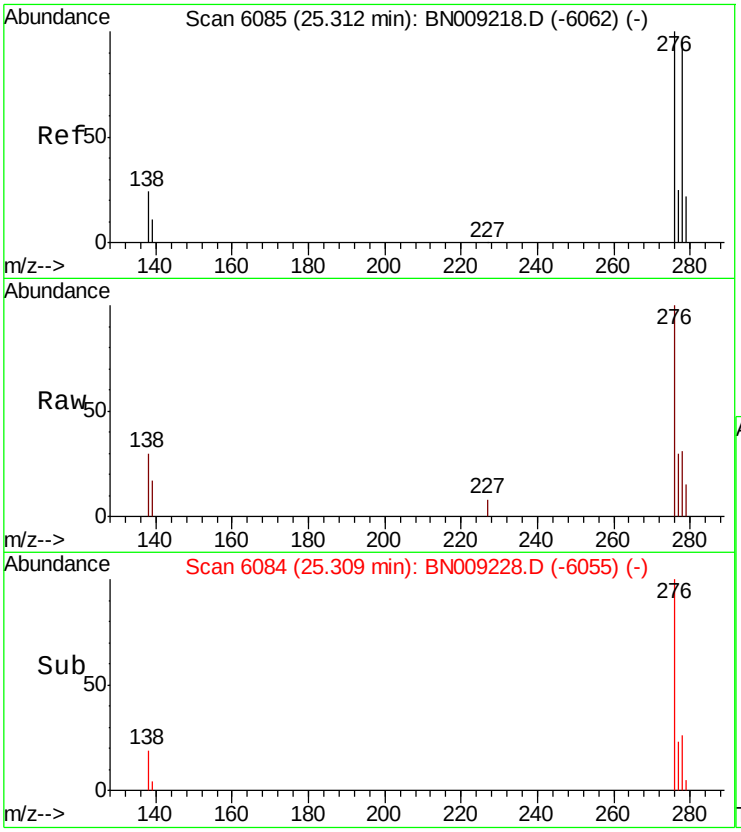


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng/ul
RT: 25.31 min Scan# 6083
Delta R.T. 0.00 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:276 Resp: 9149

Ion	Ratio	Lower	Upper
276	100		
138	21.7	22.4	33.6#
227	0.1	0.2	0.4#





#25
Dibenzo(a,h)anthracene
Concen: 0.118 ng/ul
RT: 25.31 min Scan# 6084
Delta R.T. -0.00 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:278 Resp: 2993

Ion	Ratio	Lower	Upper
278	100		
139	53.2	16.2	24.2#
279	48.3	20.3	30.5#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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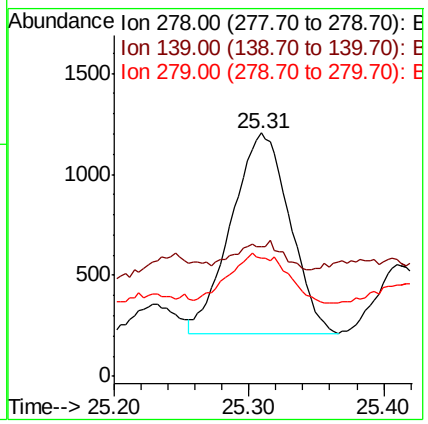

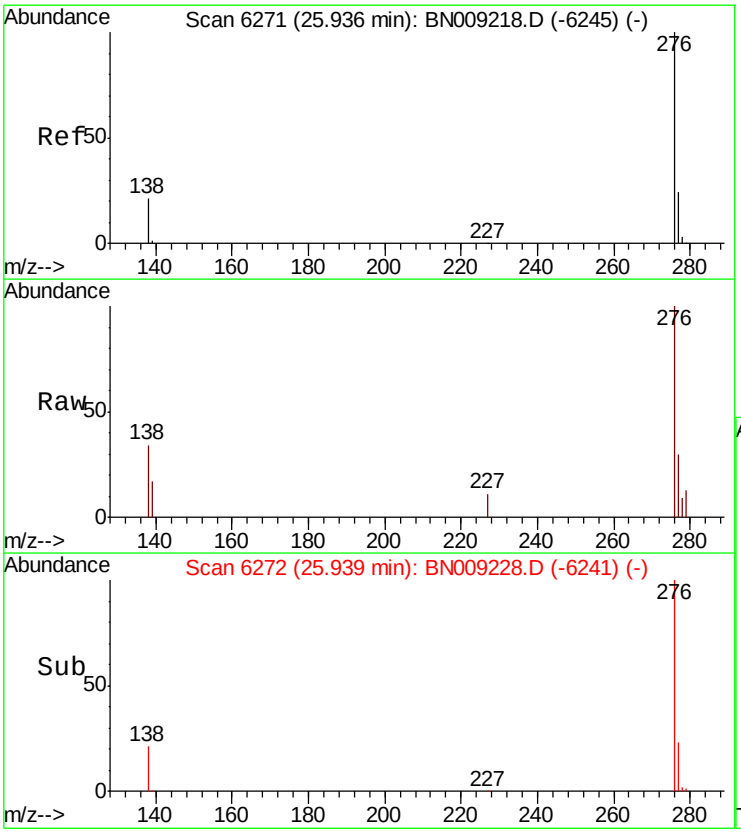

#26
Benzo(g,h,i)perylene
Concen: 0.283 ng/ul
RT: 25.94 min Scan# 6272
Delta R.T. 0.00 min
Lab File: BN009228.D
Acq: 28 Dec 2019 15:06

Tgt Ion:276 Resp: 7600

Ion	Ratio	Lower	Upper
276	100		
138	33.6	20.6	30.8#
277	30.5	19.6	29.4#