Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009229.D
Acq On : 28 Dec 2019 15:42
Operator : JU
Sample : K6278-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C55

Manual Integrations APPROVED
mohammad
12/29/2019 5:32:32 PM

Quant Time: Dec 29 04:33:07 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	2019	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	7632	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4249	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	8791	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	6851	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	7227	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	1479	0.11	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	3293	0.13	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.31	128	1791	0.077	ng/ul#	88
5) 2-Methylnaphthalene	11.94	142	1309	0.075	ng/ul	98
7) Acenaphthylene	13.86	152	1299	0.058	ng/ul#	86
9) Fluorene	15.20	166	459	0.022	ng/ul#	85
12) Phenanthrene	16.93	178	8991	0.294	ng/ul	98
13) Anthracene	17.02	178	2078	0.076	ng/ul#	89
15) Fluoranthene	18.95	202	22638	0.647	ng/ul	99
17) Pyrene	19.32	202	17605	0.504	ng/ul	99
18) Benzo(a)anthracene	21.07	228	10198	0.335	ng/ul	94
19) Chrysene	21.12	228	10974m	0.359	ng/ul	
21) Benzo(b)fluoranthene	22.59	252	15300m	0.453	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	5430m	0.160	ng/ul	
23) Benzo(a)pyrene	23.12	252	8353	0.282	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.31	276	6365	0.198	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.32	278	1748	0.068	ng/ul#	25
26) Benzo(g,h,i)perylene	25.95	276	5118	0.189	ng/ul#	85

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

Quantitation Report (QT Reviewed)

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Acq On : 28 Dec 2019 15:42
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
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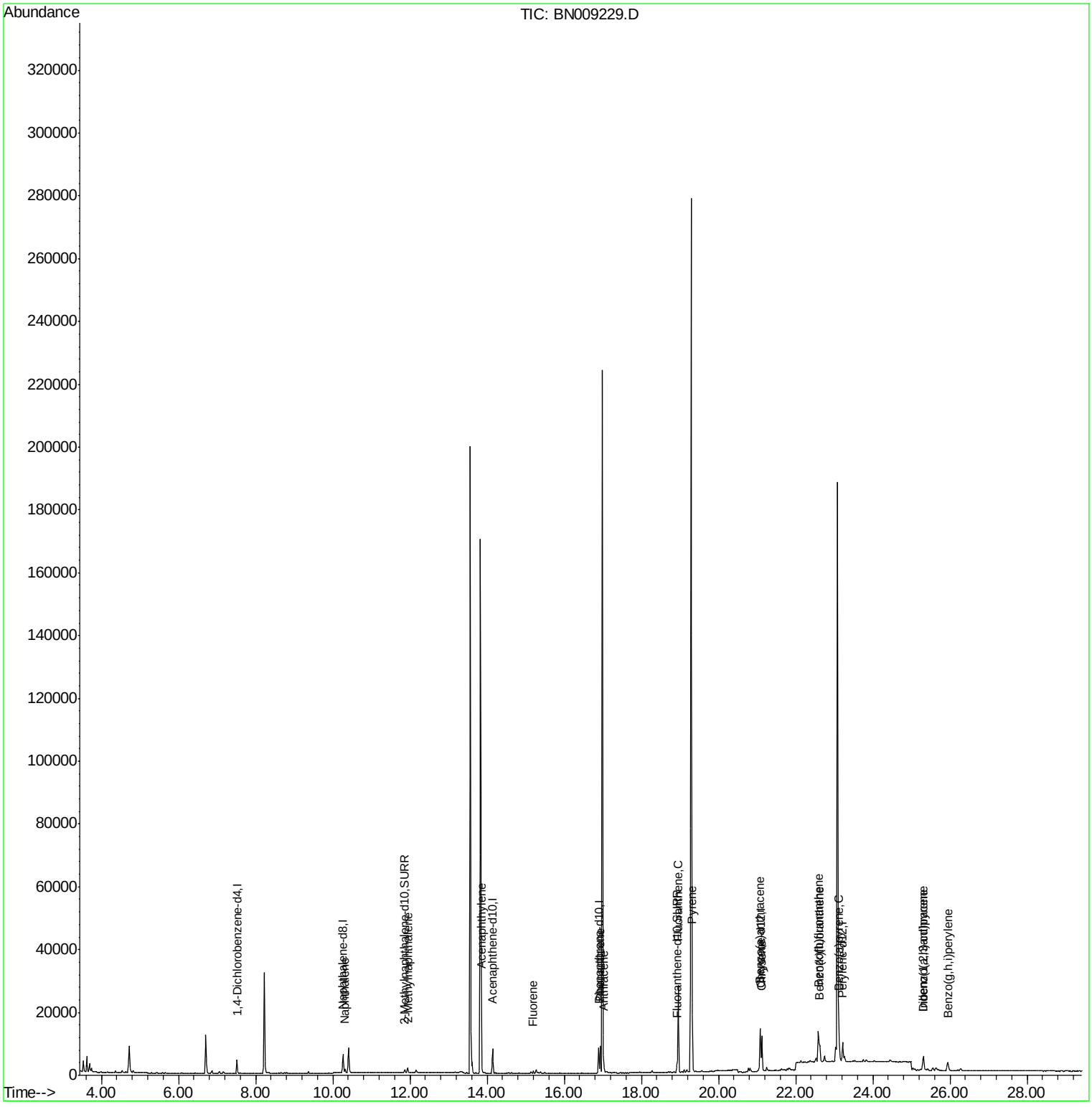

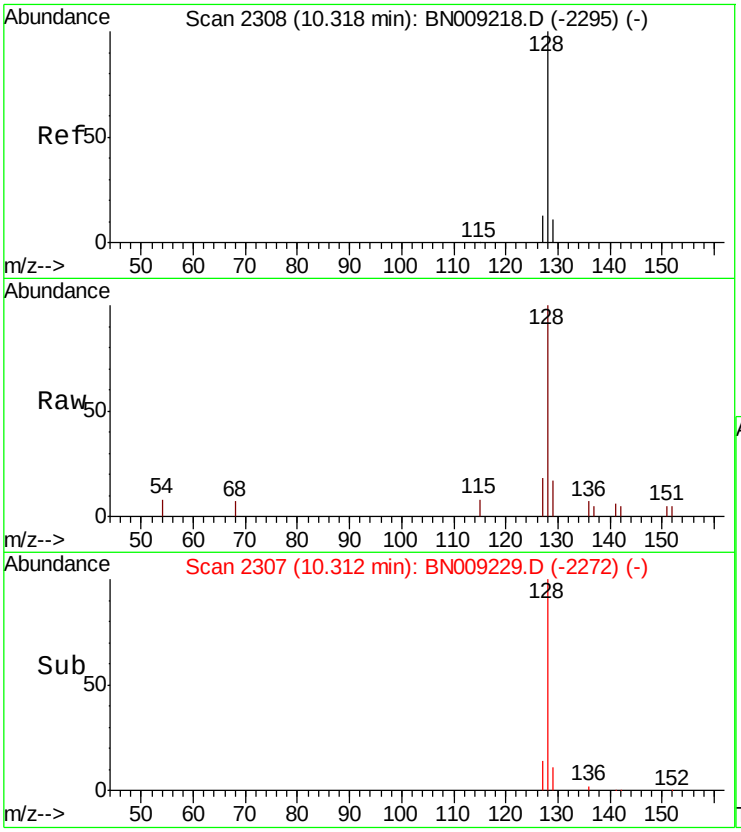

#3
Naphthalene
Concen: 0.077 ng/ul
RT: 10.31 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:128 Resp: 1791

Ion	Ratio	Lower	Upper
128	100		
129	16.5	9.0	13.4#
127	17.7	10.9	16.3#

Instrument :
BNA_N
ClientSampleId :
C0C55

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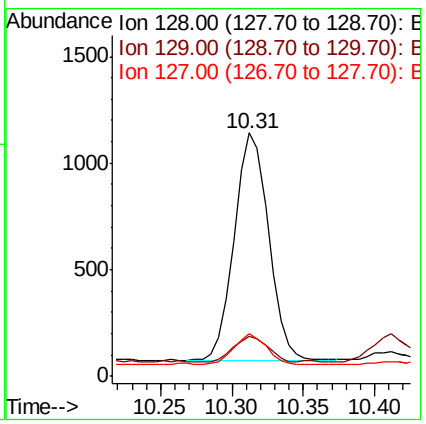
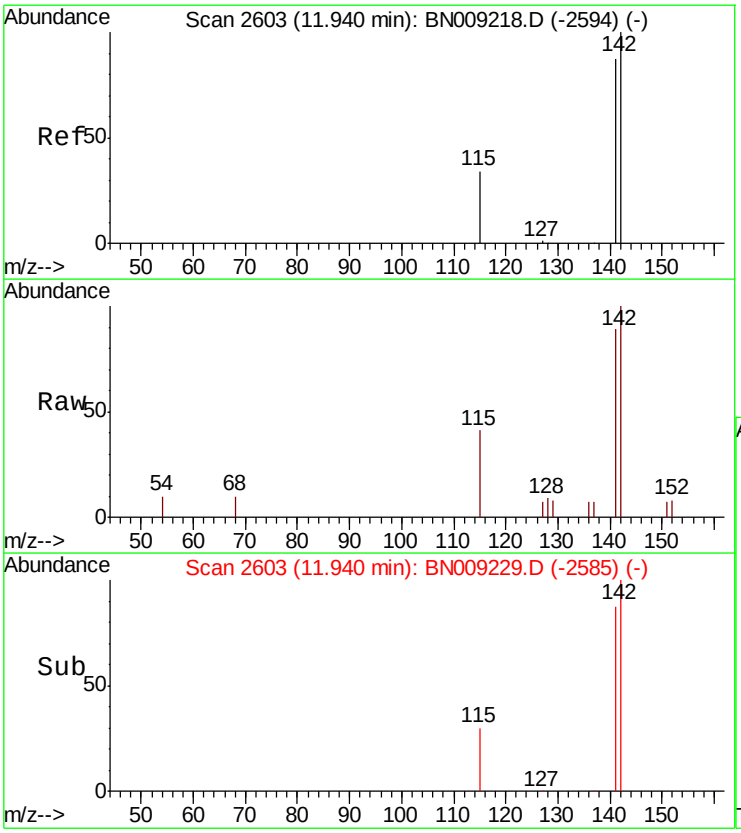
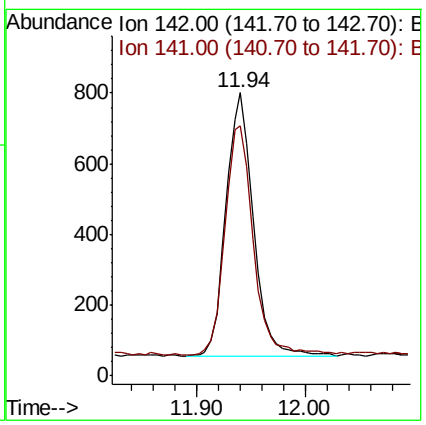


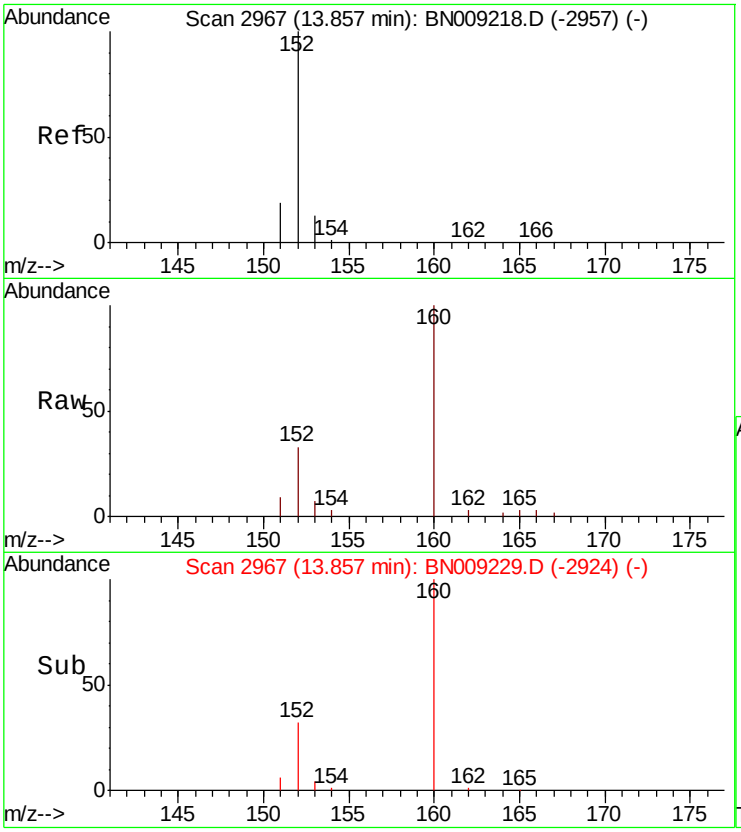


#5
2-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 11.94 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:142 Resp: 1309

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.2	105.4





#7
Acenaphthylene
Concen: 0.058 ng/ul
RT: 13.86 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:152 Resp: 1299

Ion	Ratio	Lower	Upper
152	100		
151	25.8	15.7	23.5#
153	19.6	10.8	16.2#

Instrument :
BNA_N
ClientSampleId :
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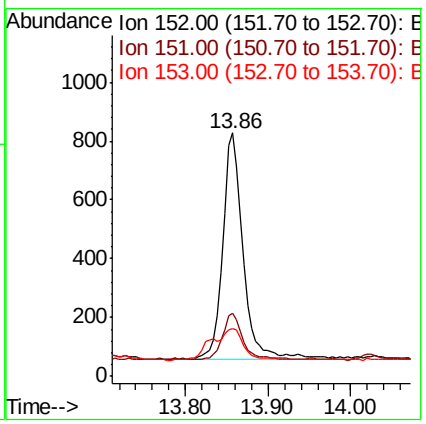
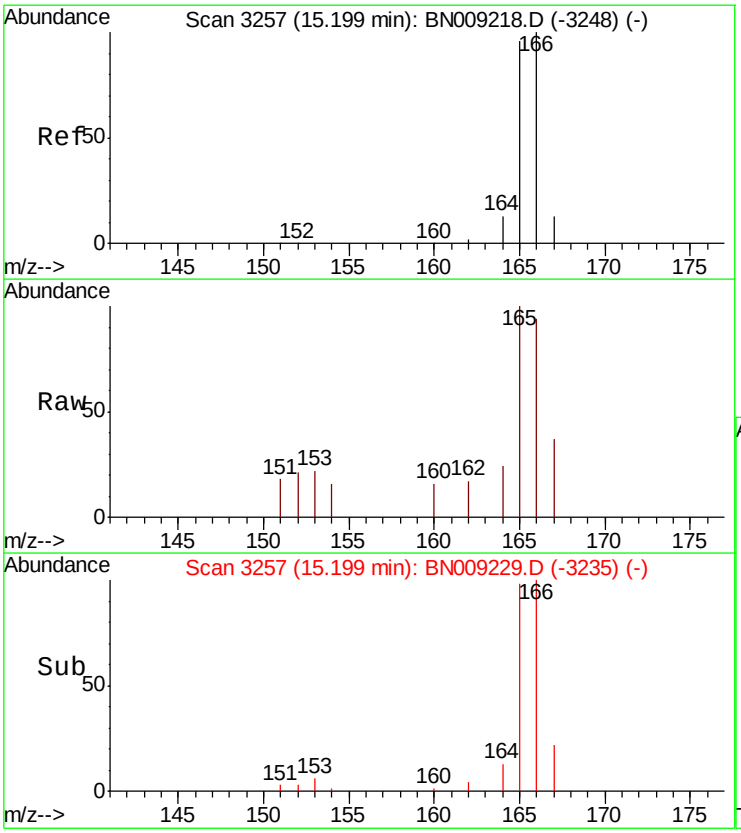
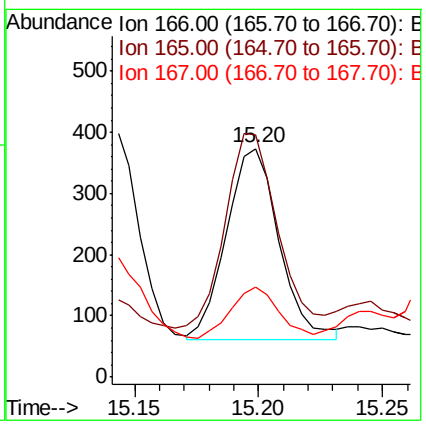


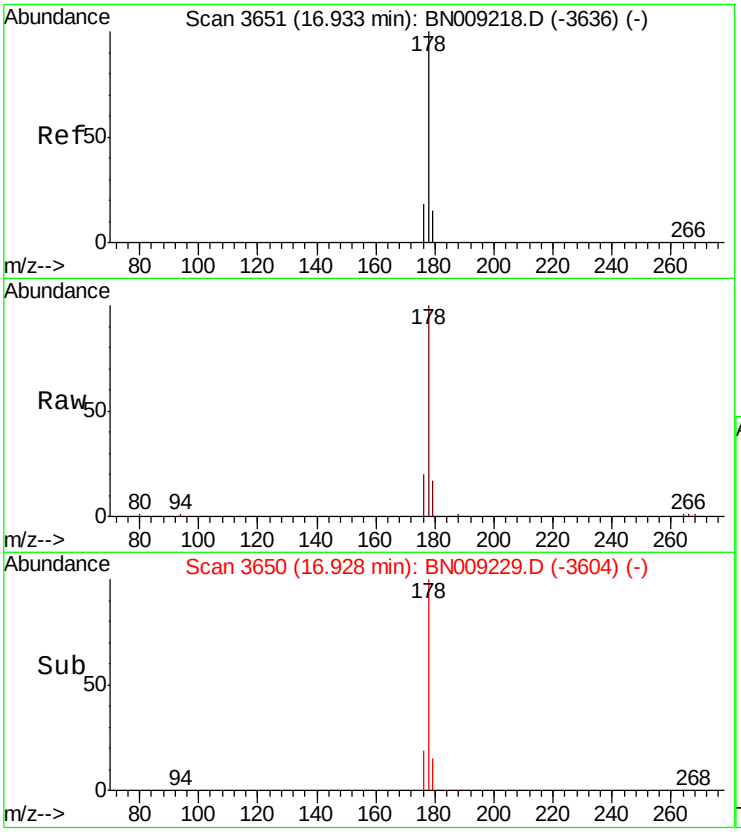


#9
Fluorene
Concen: 0.022 ng/ul
RT: 15.20 min Scan# 3257
Delta R.T. 0.00 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:166 Resp: 459

Ion	Ratio	Lower	Upper
166	100		
165	106.2	78.2	117.4
167	39.7	11.0	16.6#

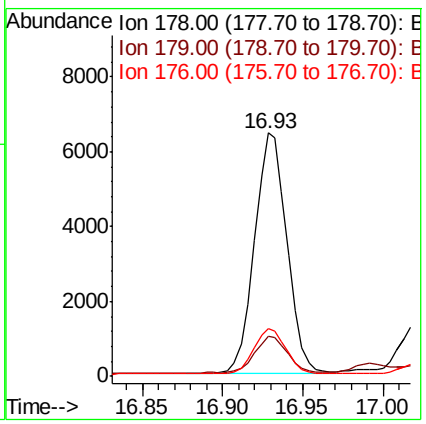




#12
Phenanthrene
Concen: 0.294 ng/ul
RT: 16.93 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:178 Resp: 8991

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.3	18.5
176	19.6	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
C0C55

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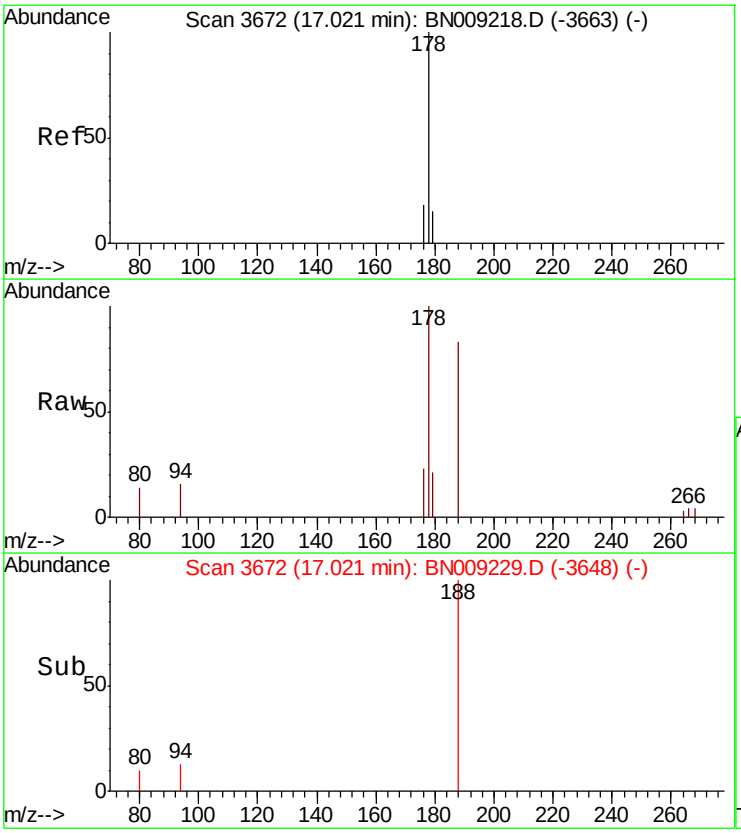
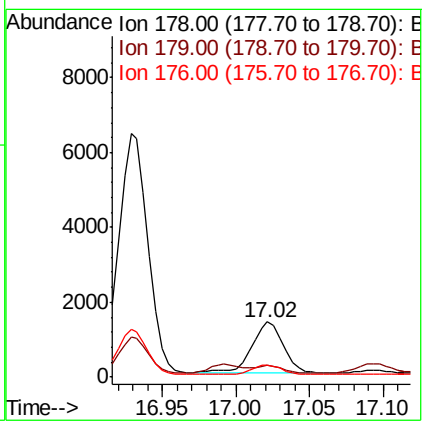
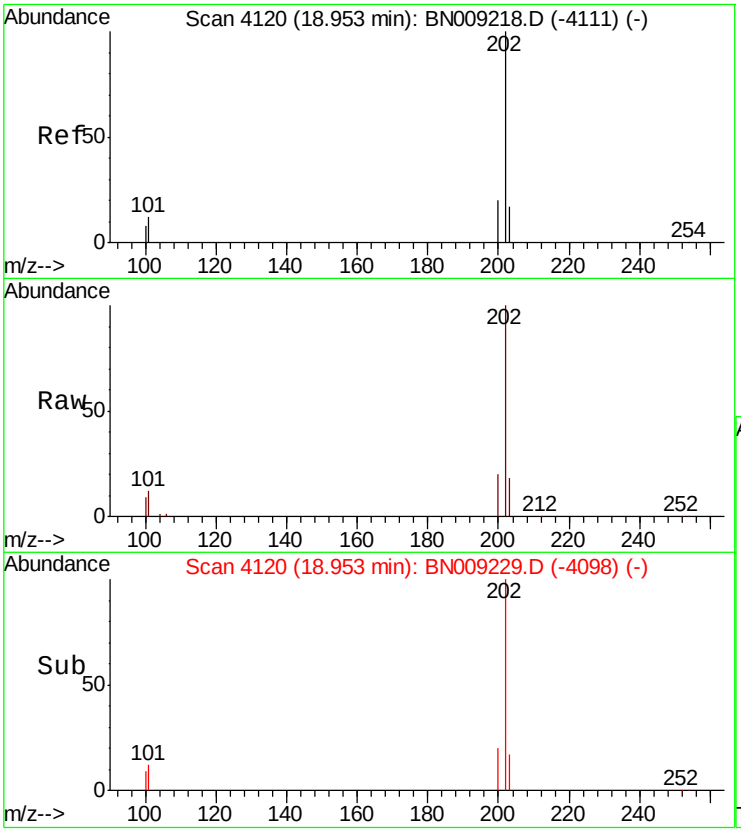


#13
Anthracene
Concen: 0.076 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:178 Resp: 2078

Ion	Ratio	Lower	Upper
178	100		
179	21.5	12.5	18.7#
176	22.8	14.9	22.3#





#15
Fluoranthene
Concen: 0.647 ng/ul
RT: 18.95 min Scan# 4120
Delta R.T. 0.00 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:202 Resp: 22638

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.5
100	8.9	0.0	28.9

Instrument :
BNA_N
ClientSampleId :
C0C55

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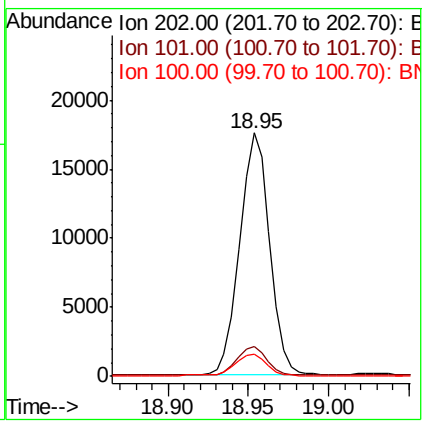
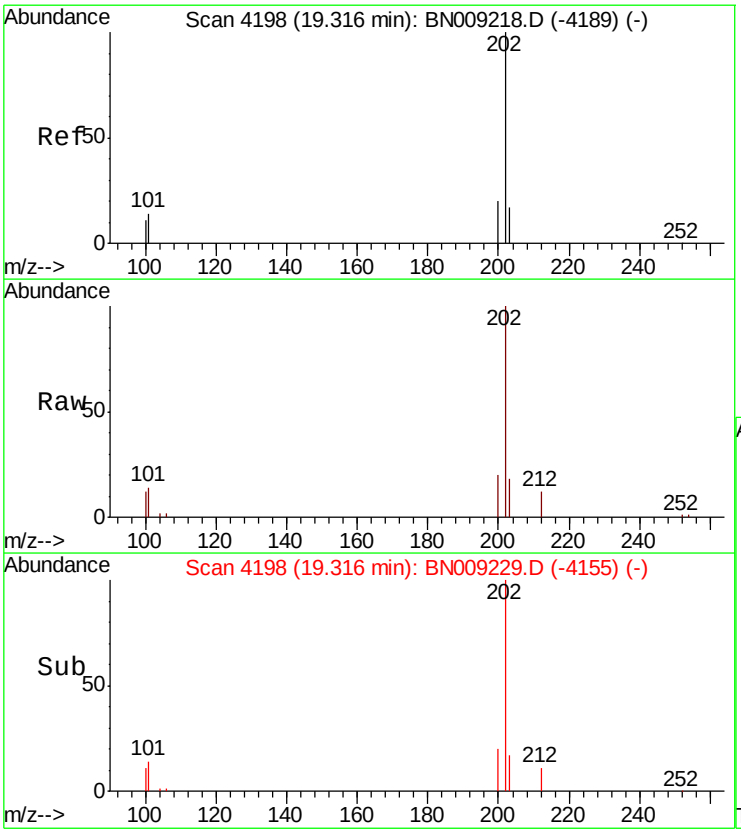
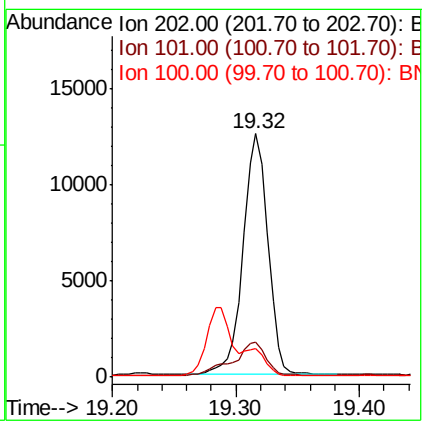


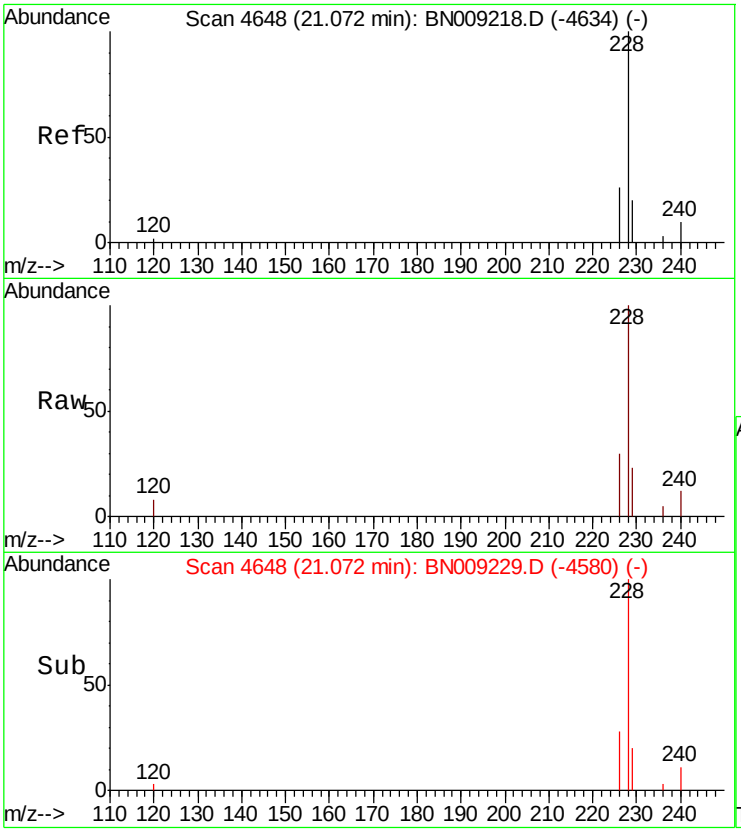


#17
Pyrene
Concen: 0.504 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:202 Resp: 17605

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.9	16.3
100	11.5	9.0	13.6

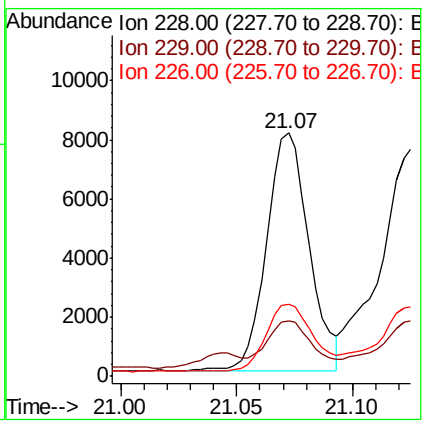




#18
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 21.07 min Scan# 4648
Delta R.T. 0.00 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:228 Resp: 10198

Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.5	23.3
226	29.6	21.7	32.5



Instrument :
BNA_N
ClientSampleId :
C0C55

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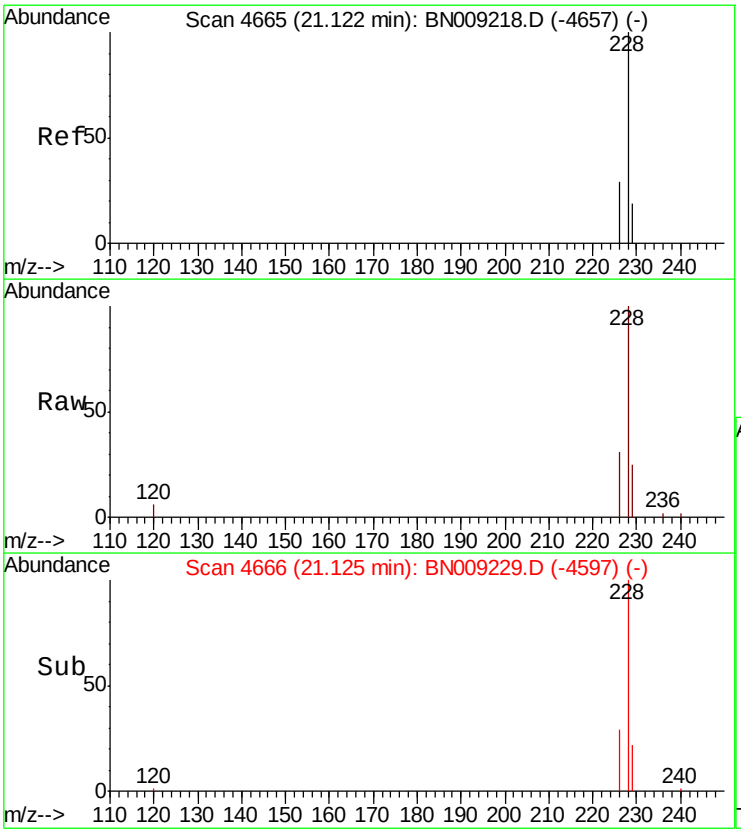
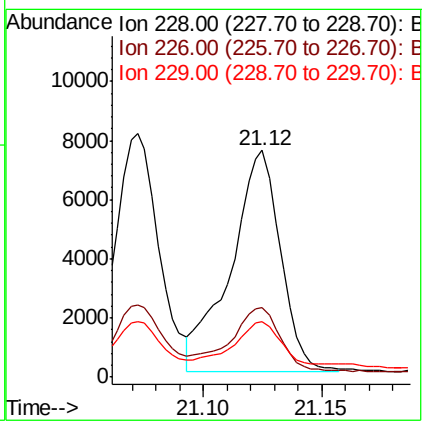
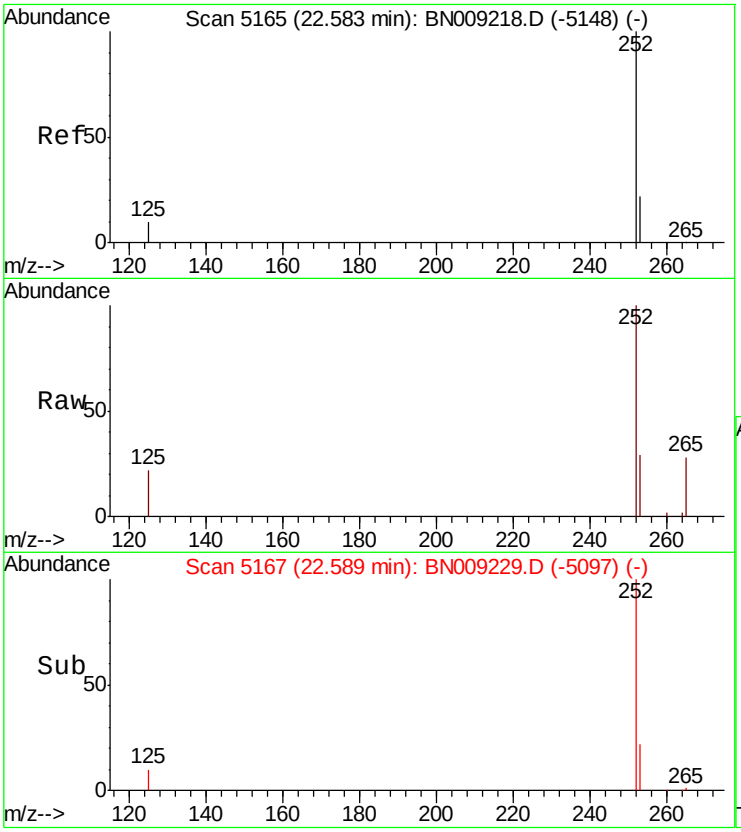


#19
Chrysene
Concen: 0.359 ng/ul m
RT: 21.12 min Scan# 4666
Delta R.T. 0.00 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:228 Resp: 10974

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.7	35.5
229	24.7	15.4	23.0#





#21
Benzo(b)fluoranthene
Concen: 0.453 ng/ul m
RT: 22.59 min Scan# 5167
Delta R.T. 0.01 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:252 Resp: 15300

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	48.2
125	22.3	0.0	30.0

Instrument :
BNA_N
ClientSampleId :
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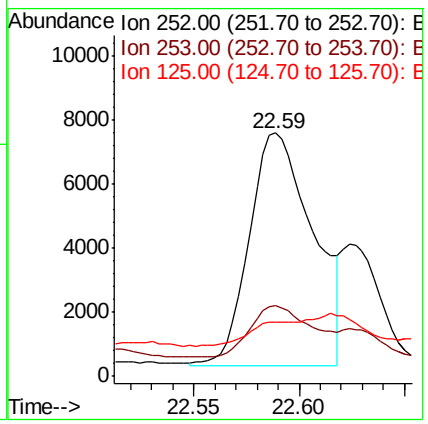
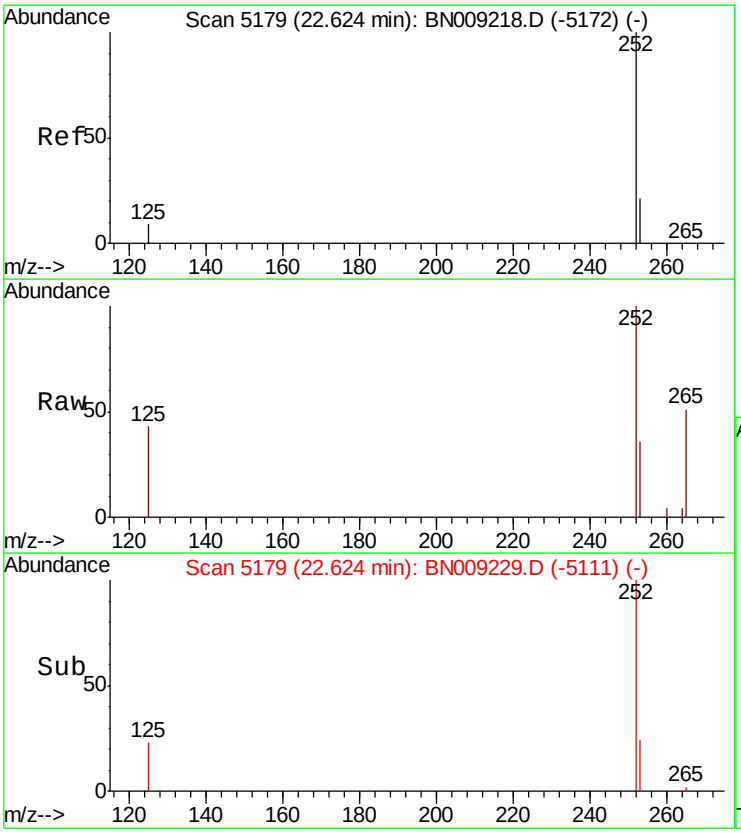
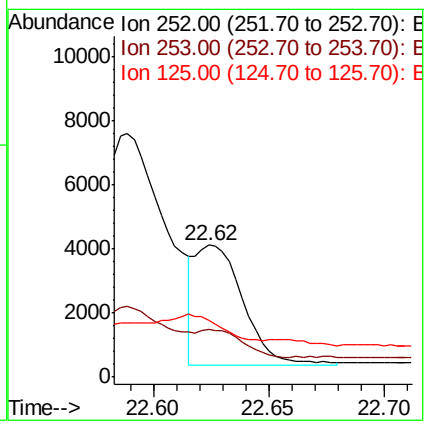


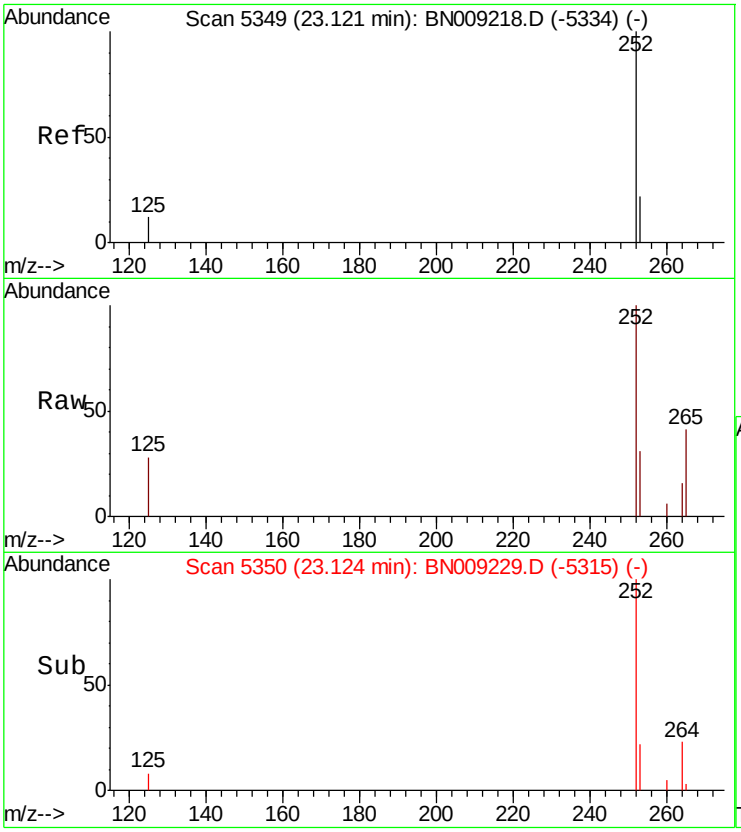


#22
Benzo(k)fluoranthene
Concen: 0.160 ng/ul m
RT: 22.62 min Scan# 5179
Delta R.T. 0.00 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:252 Resp: 5430

Ion	Ratio	Lower	Upper
252	100		
253	35.9	19.4	29.0#
125	43.0	12.4	18.6#





#23
Benzo(a)pyrene
Concen: 0.282 ng/ul
RT: 23.12 min Scan# 5350
Delta R.T. 0.00 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:252 Resp: 8353

Ion	Ratio	Lower	Upper
252	100		
253	31.4	20.2	30.4#
125	27.5	13.2	19.8#

Instrument :
BNA_N
ClientSampleId :
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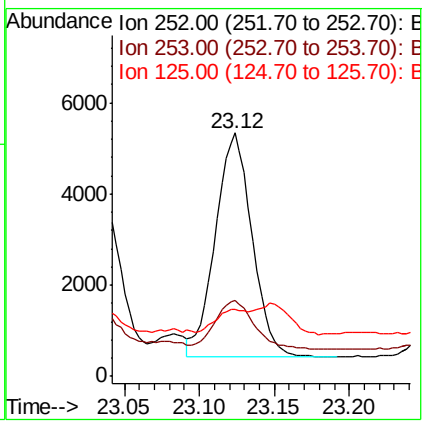
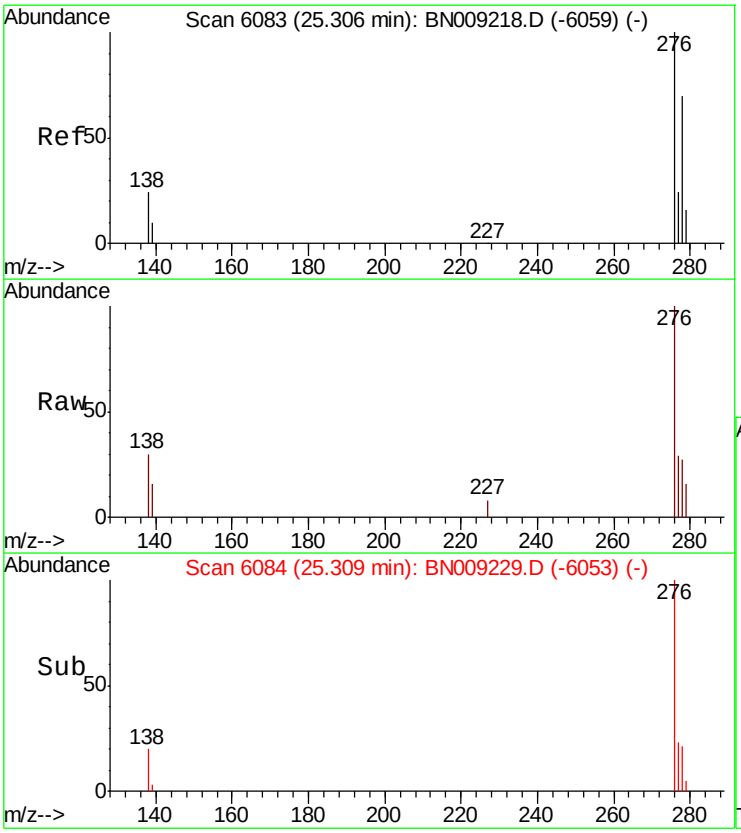
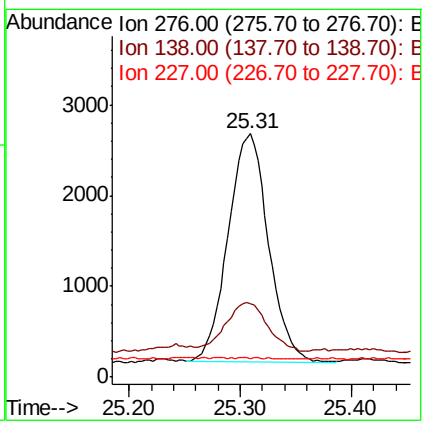


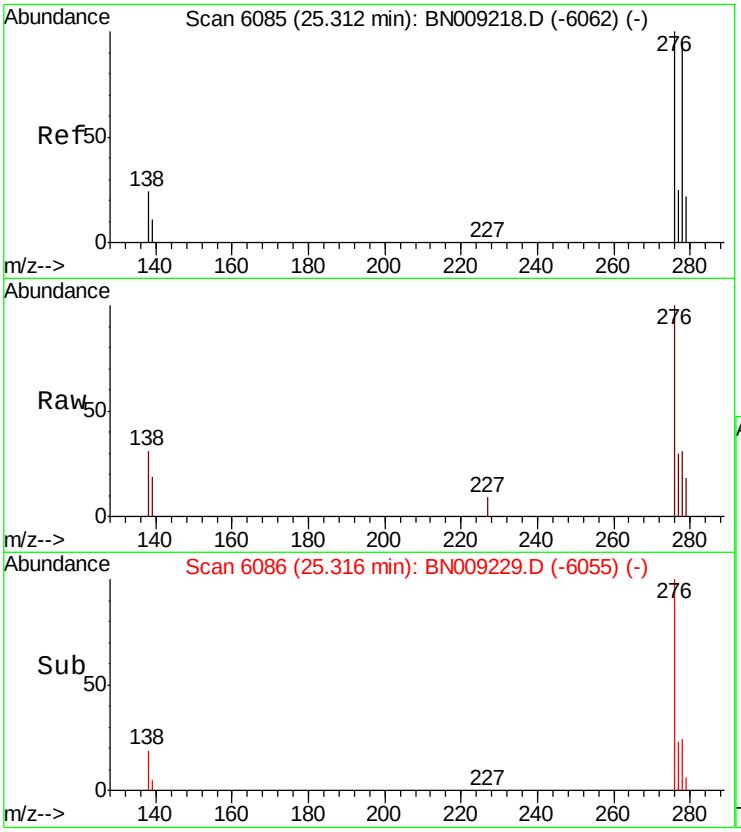


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng/ul
RT: 25.31 min Scan# 6084
Delta R.T. 0.00 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:276 Resp: 6365

Ion	Ratio	Lower	Upper
276	100		
138	21.9	22.4	33.6#
227	0.3	0.2	0.4





#25
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 25.32 min Scan# 6086
Delta R.T. 0.00 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:278 Resp: 1748

Ion	Ratio	Lower	Upper
278	100		
139	60.6	16.2	24.2#
279	58.4	20.3	30.5#

Instrument :
BNA_N
ClientSampleId :
C0C55

Manual Integrations APPROVED
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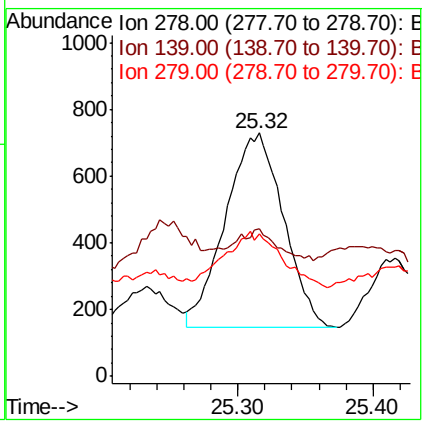

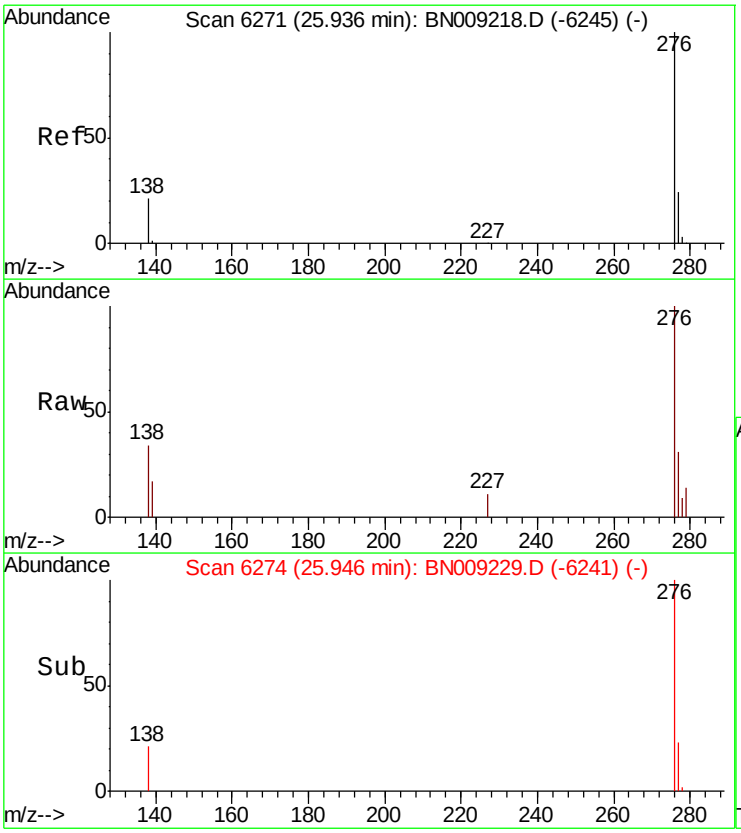

#26
Benzo(g,h,i)perylene
Concen: 0.189 ng/ul
RT: 25.95 min Scan# 6274
Delta R.T. 0.01 min
Lab File: BN009229.D
Acq: 28 Dec 2019 15:42

Tgt Ion:276 Resp: 5118

Ion	Ratio	Lower	Upper
276	100		
138	33.8	20.6	30.8#
277	31.2	19.6	29.4#