Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009217.D
Acq On : 28 Dec 2019 05:17
Operator : JU
Sample : K6277-23
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 28 05:49:42 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 : Sat Dec 28 04:39:07 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0C80

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2394	0.40	ng/ul	0.00
2) Naphthalene-d8	10.27	136	8894	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4998	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	10363	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	8164	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	8527	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	2265	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	5445	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.31	128	3902	0.145	ng/ul	95
5) 2-Methylnaphthalene	11.94	142	1746	0.086	ng/ul	99
7) Acenaphthylene	13.86	152	2177	0.083	ng/ul#	92
8) Acenaphthene	14.20	153	2844	0.138	ng/ul	100
9) Fluorene	15.20	166	1901	0.078	ng/ul#	97
12) Phenanthrene	16.93	178	11910	0.330	ng/ul	99
13) Anthracene	17.02	178	2932	0.091	ng/ul#	92
15) Fluoranthene	18.95	202	27412	0.665	ng/ul	99
17) Pyrene	19.32	202	23458	0.563	ng/ul	99
18) Benzo(a)anthracene	21.07	228	12629	0.348	ng/ul	93
19) Chrysene	21.12	228	13117m	0.360	ng/ul	
21) Benzo(b)fluoranthene	22.59	252	18846m	0.473	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	7635m	0.190	ng/ul	
23) Benzo(a)pyrene	23.12	252	11707	0.336	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.31	276	8918	0.235	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.31	278	2142	0.071	ng/ul#	39
26) Benzo(g,h,i)perylene	25.94	276	8644	0.270	ng/ul	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009217.D
Acq On : 28 Dec 2019 05:17
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 28 04:39:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0C80

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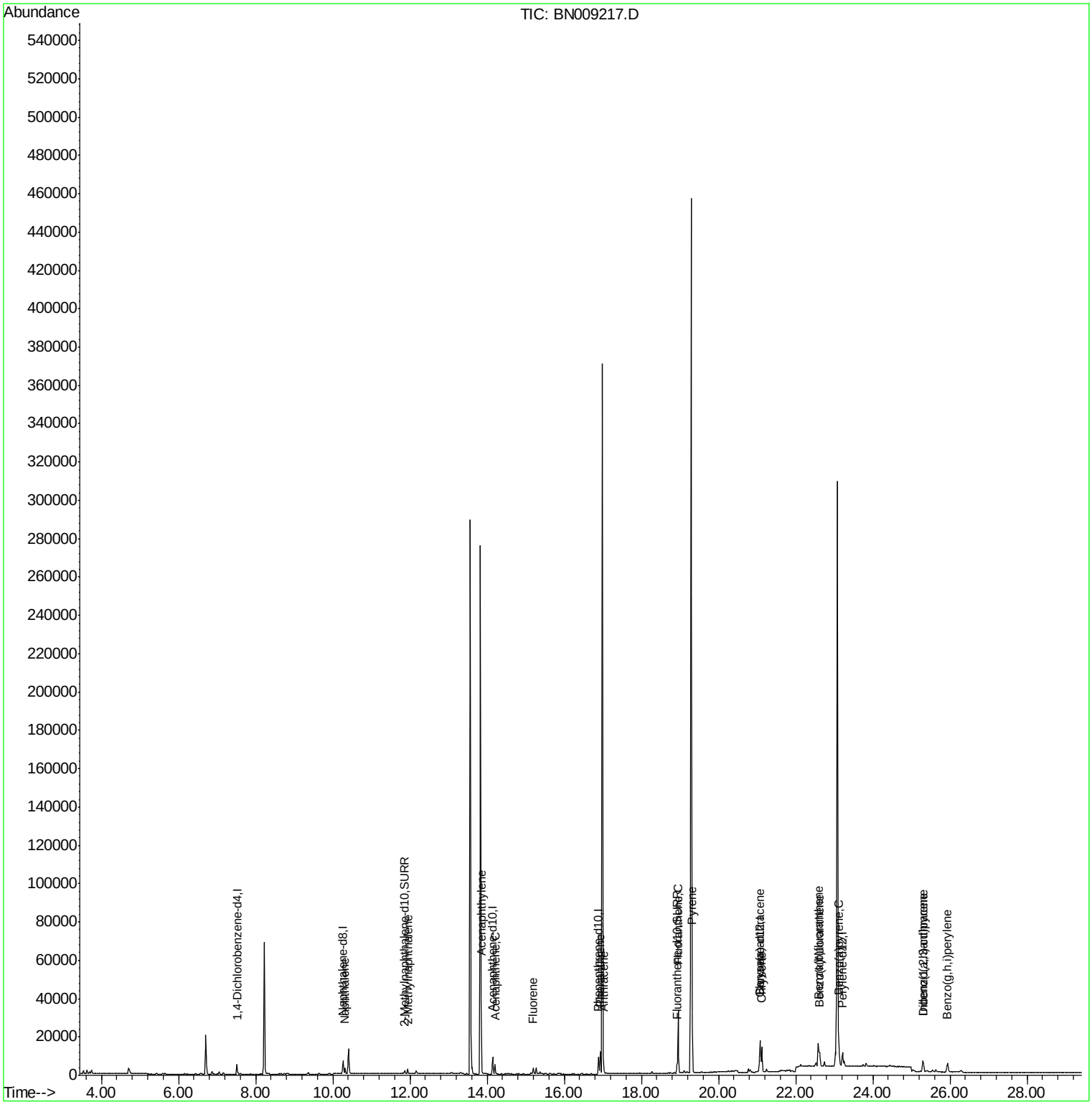
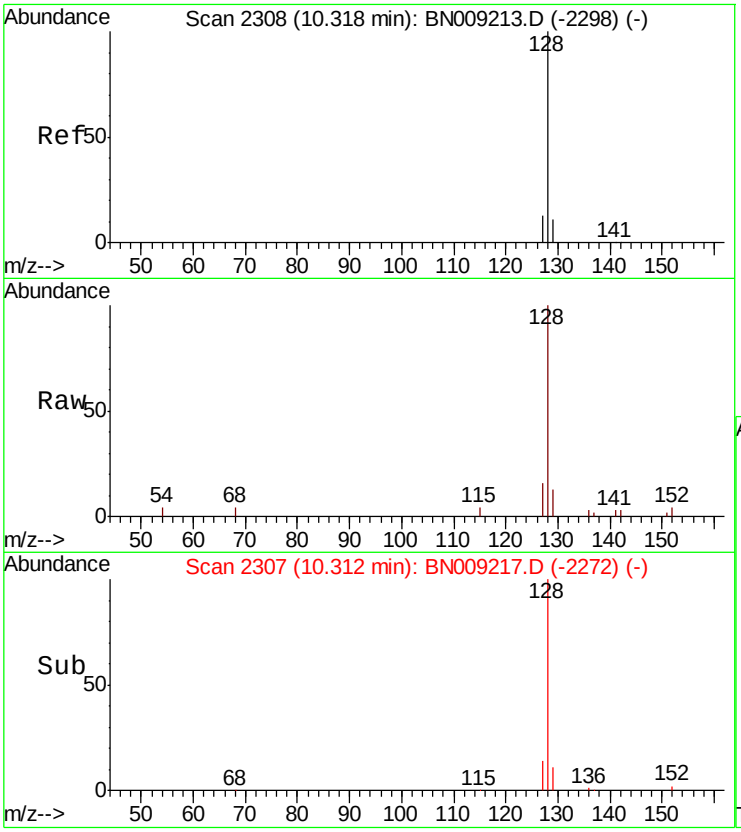
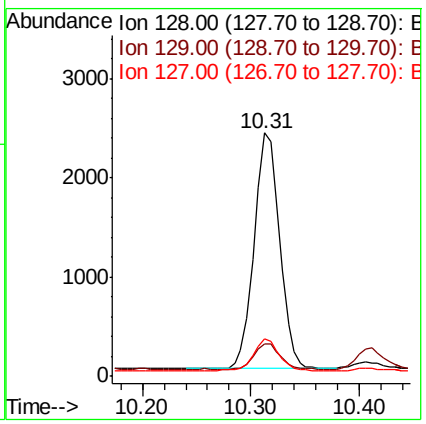




#3
Naphthalene
Concen: 0.145 ng/ul
RT: 10.31 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:128 Resp: 3902

Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.0	13.4
127	15.6	10.9	16.3



Instrument :
BNA_N
ClientSampleId :
C0C80

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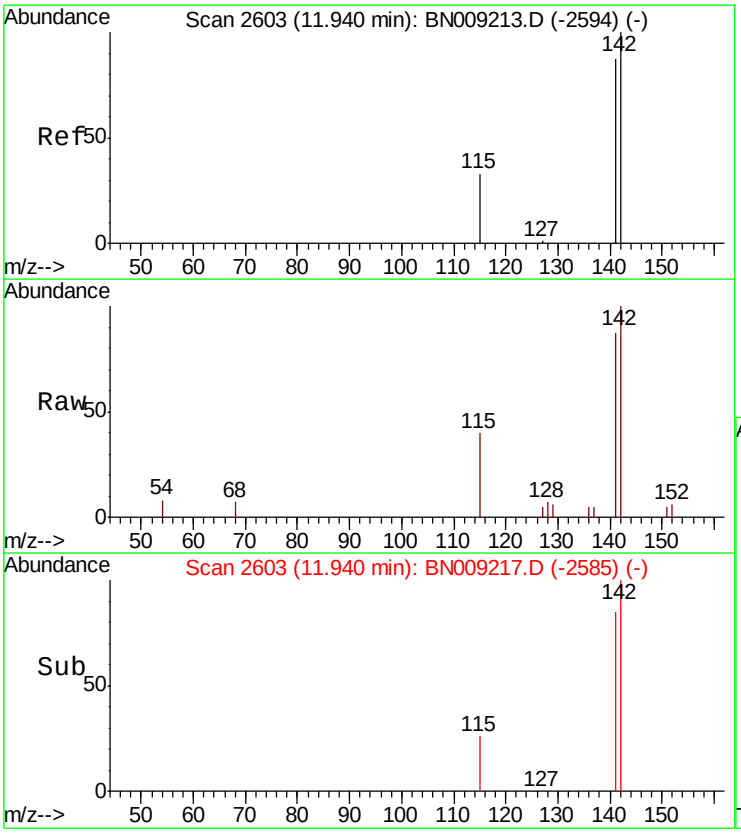
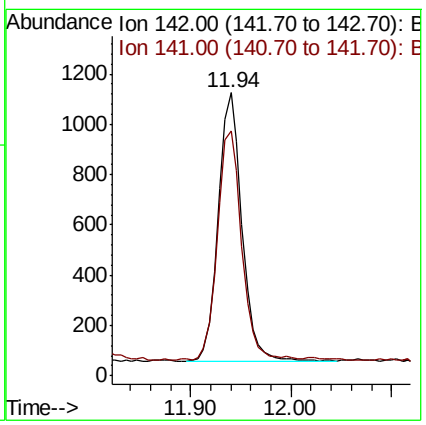
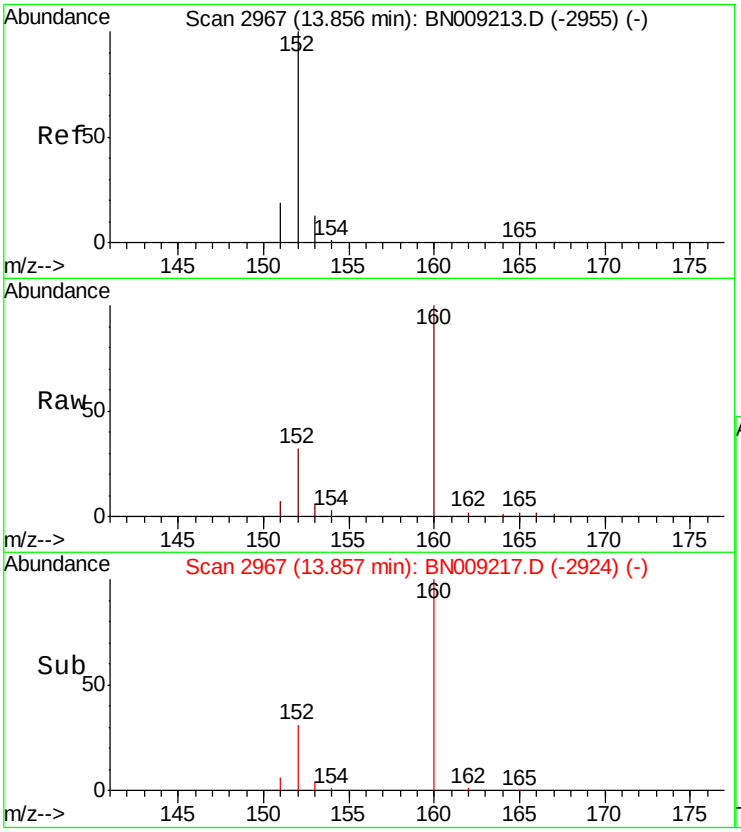


#5
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 11.94 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:142 Resp: 1746

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.2	105.4





#7
Acenaphthylene
Concen: 0.083 ng/ul
RT: 13.86 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:152 Resp: 2177

Ion	Ratio	Lower	Upper
152	100		
151	22.5	15.7	23.5
153	17.7	10.8	16.2#

Instrument :
BNA_N
ClientSampleId :
C0C80

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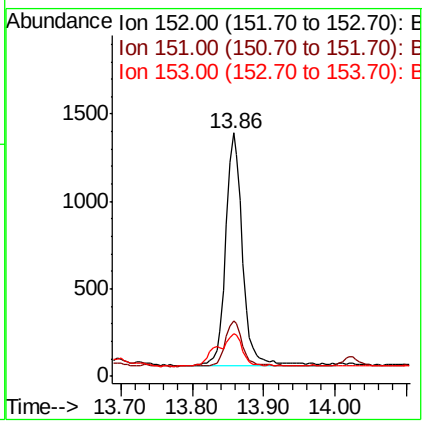
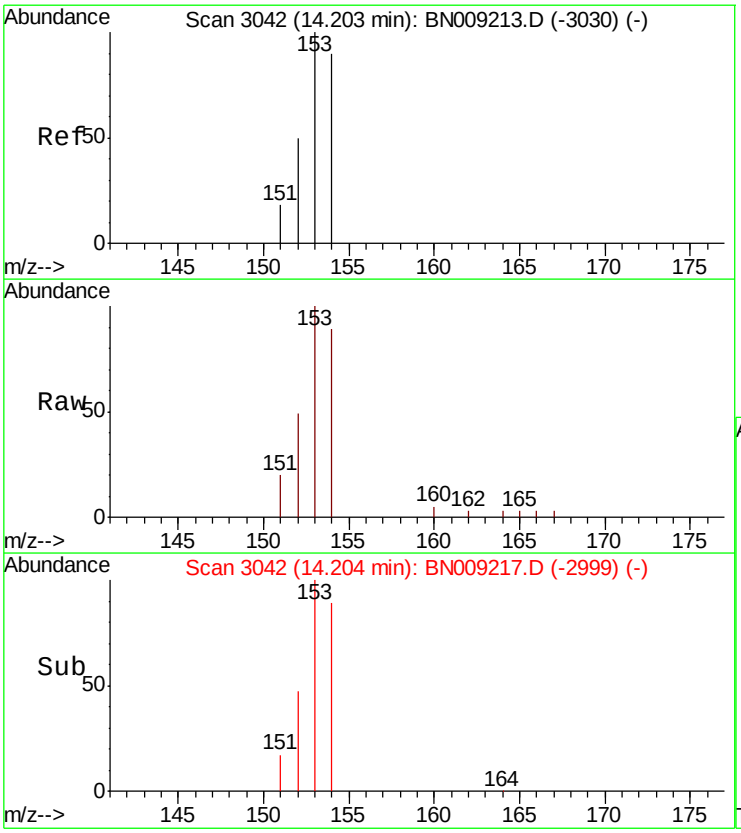
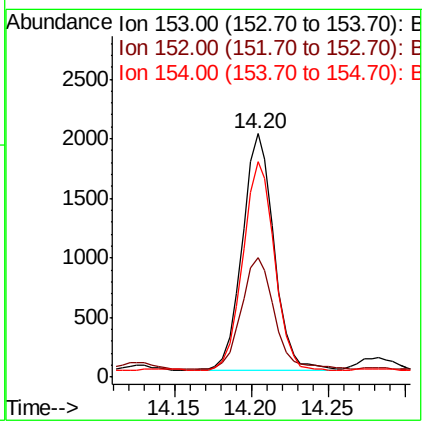


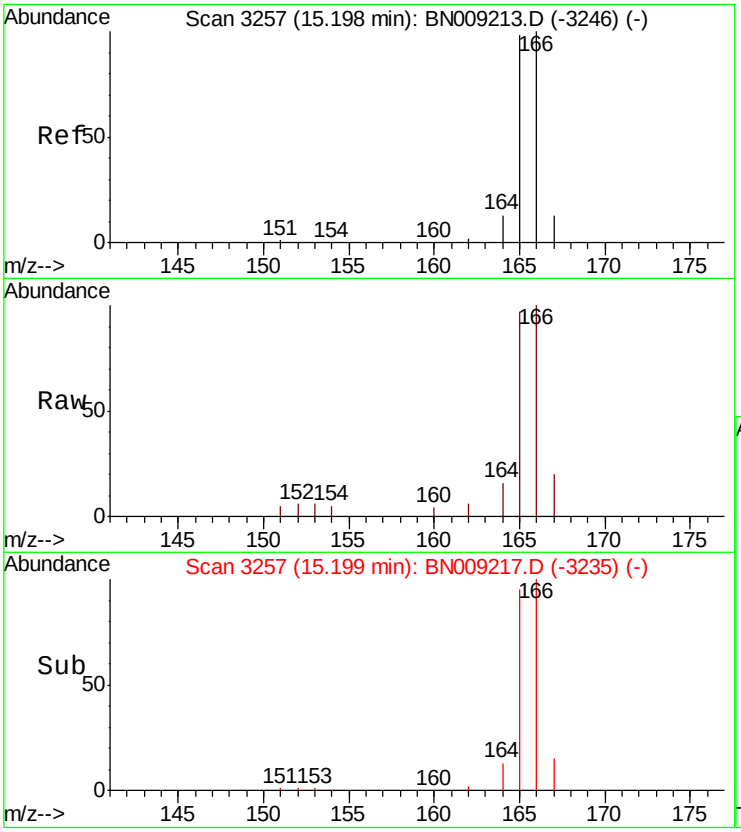


#8
Acenaphthene
Concen: 0.138 ng/ul
RT: 14.20 min Scan# 3042
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:153 Resp: 2844

Ion	Ratio	Lower	Upper
153	100		
152	49.1	39.5	59.3
154	88.6	71.3	106.9

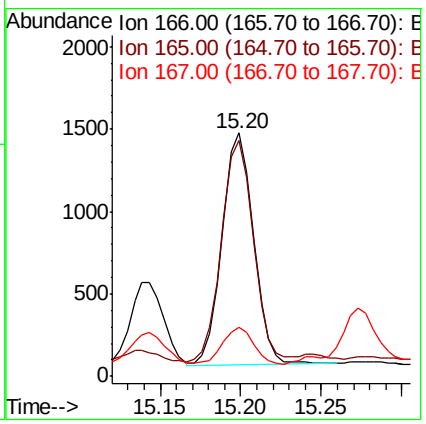




#9
Fluorene
Concen: 0.078 ng/ul
RT: 15.20 min Scan# 3257
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:166 Resp: 1901

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.2	117.4
167	20.3	11.0	16.6#



Instrument :
BNA_N
ClientSampleId :
C0C80

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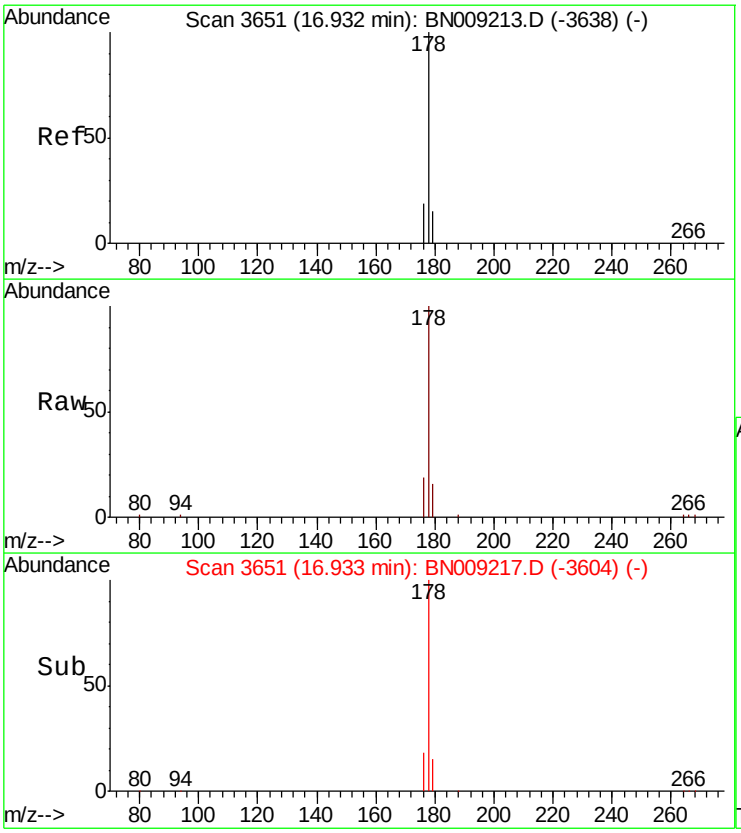
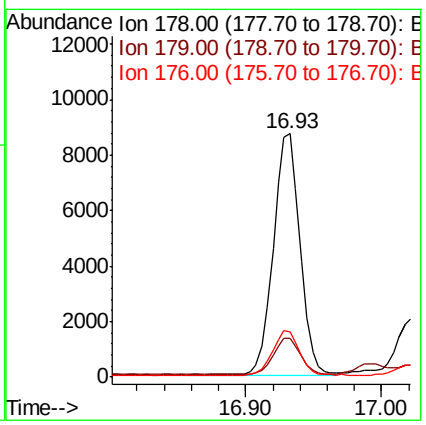
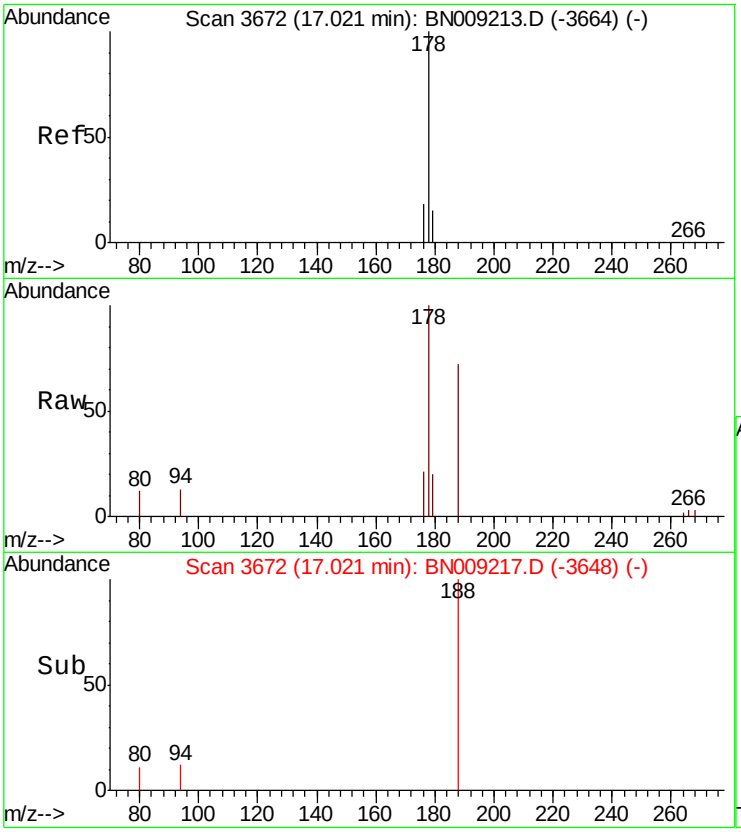


#12
Phenanthrene
Concen: 0.330 ng/ul
RT: 16.93 min Scan# 3651
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:178 Resp: 11910

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.8	15.1	22.7





#13
Anthracene
Concen: 0.091 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:178 Resp: 2932

Ion	Ratio	Lower	Upper
178	100		
179	20.1	12.5	18.7#
176	20.9	14.9	22.3

Instrument :
BNA_N
ClientSampleId :
C0C80

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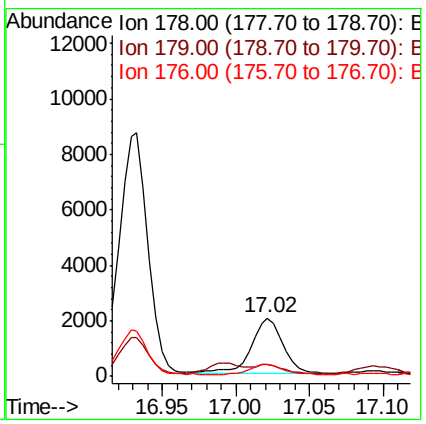
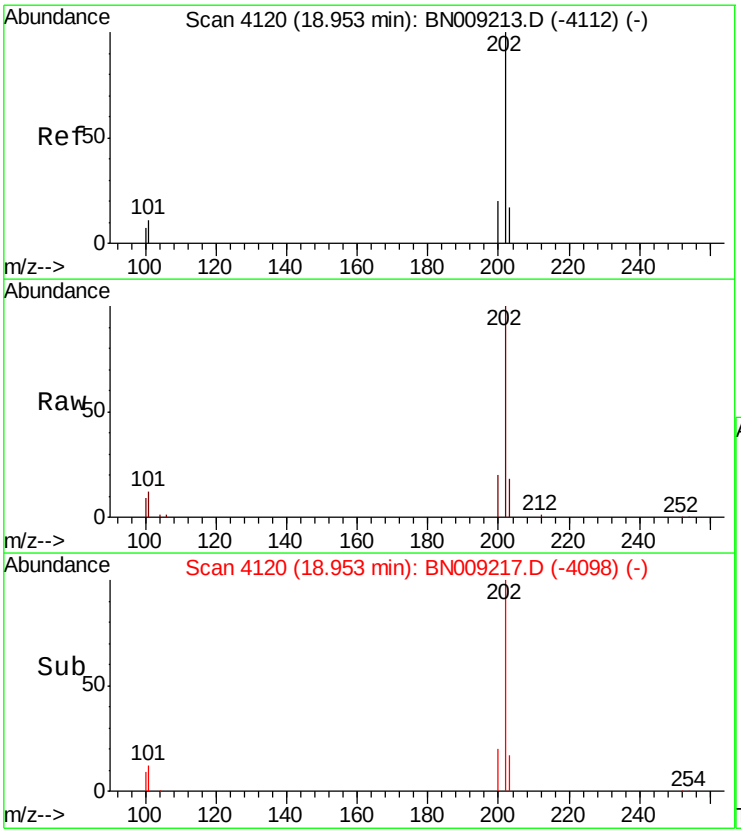
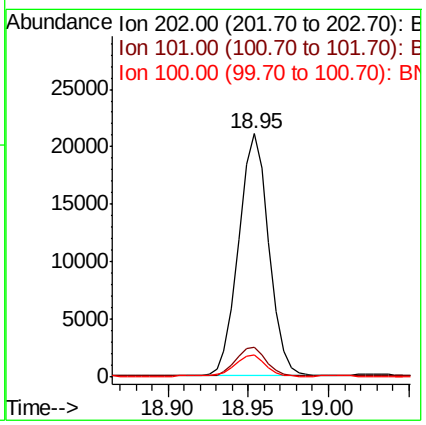


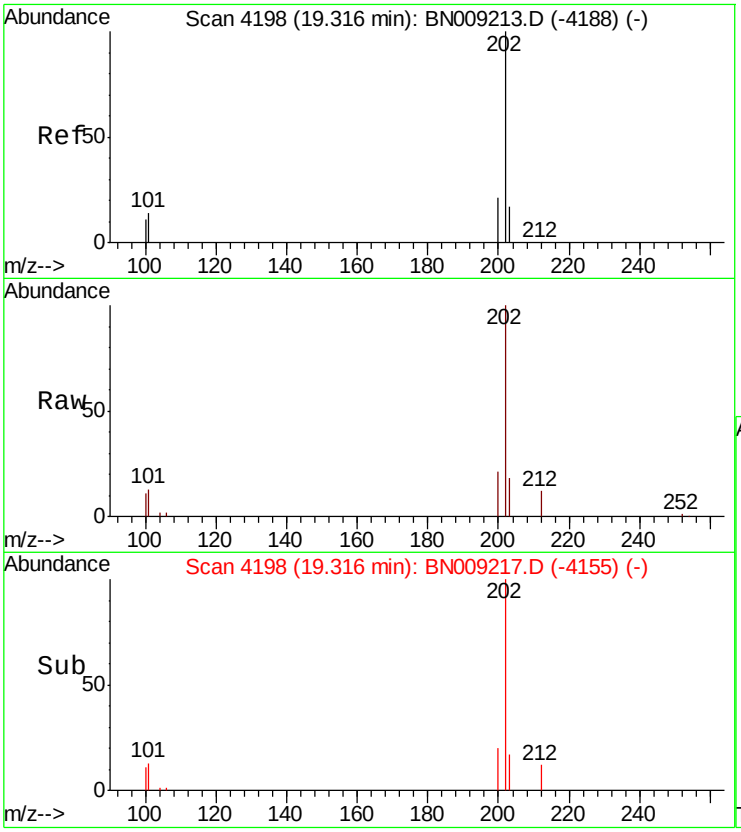


#15
Fluoranthene
Concen: 0.665 ng/ul
RT: 18.95 min Scan# 4120
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:202 Resp: 27412

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.5
100	9.0	0.0	28.9





#17
Pyrene
Concen: 0.563 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:202 Resp: 23458

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.9	16.3
100	10.8	9.0	13.6

Instrument :
BNA_N
ClientSampleId :
C0C80

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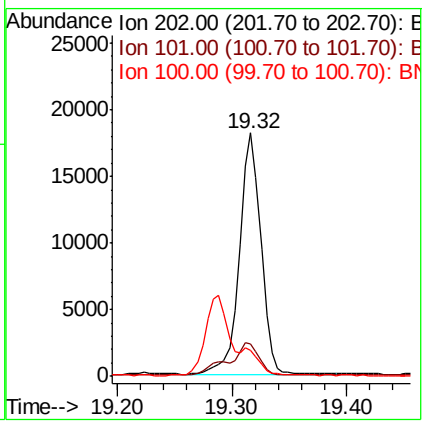
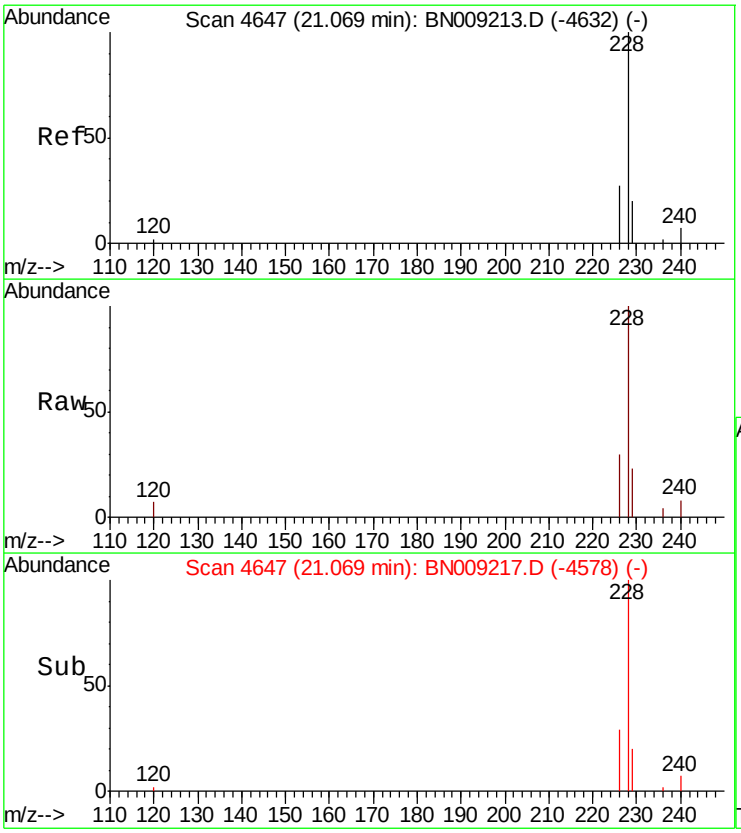
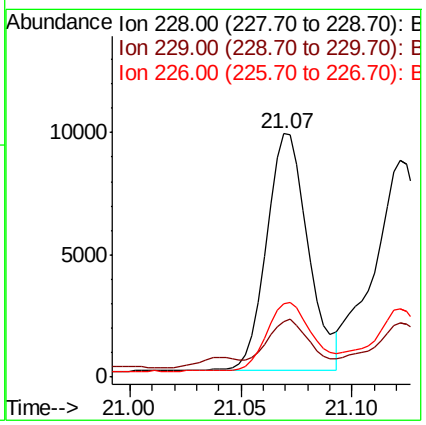


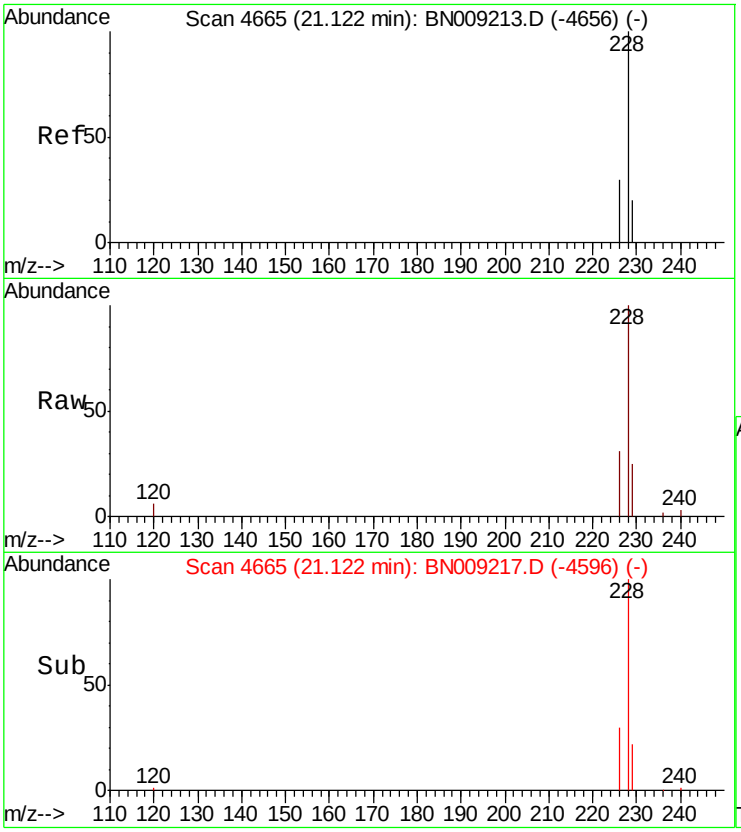


#18
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:228 Resp: 12629

Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.5	23.3
226	30.1	21.7	32.5

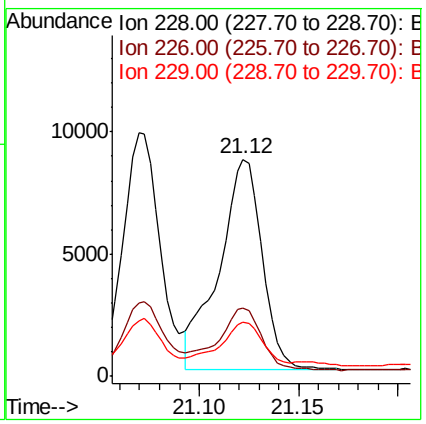




#19
Chrysene
Concen: 0.360 ng/ul m
RT: 21.12 min Scan# 4665
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:228 Resp: 13117

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.7	35.5
229	25.0	15.4	23.0#



Instrument :
BNA_N
ClientSampleId :
C0C80

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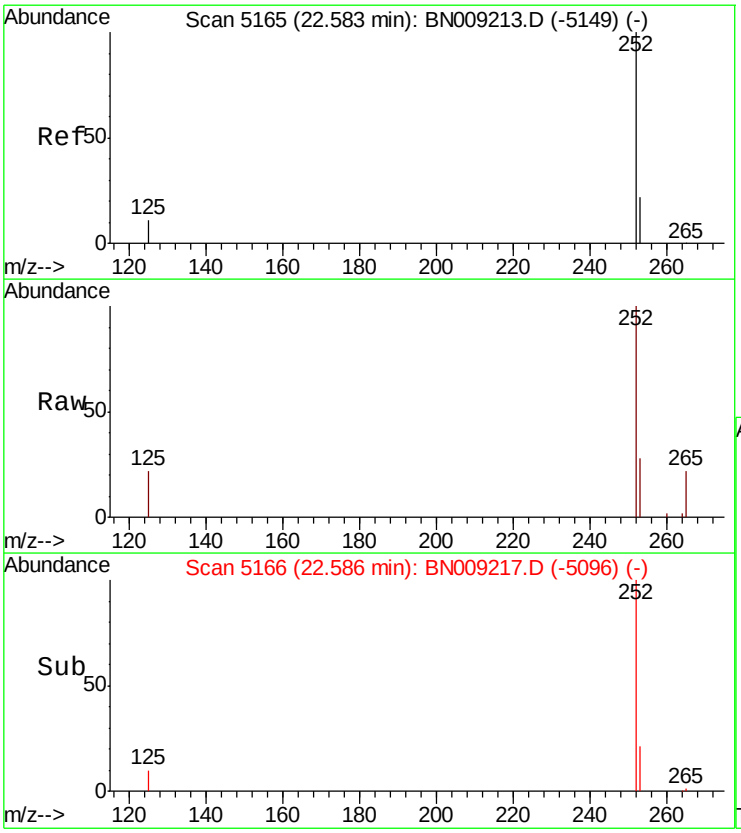
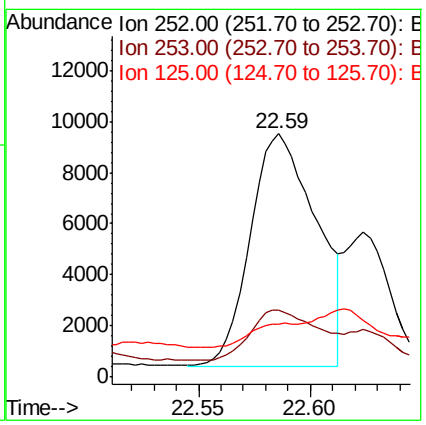
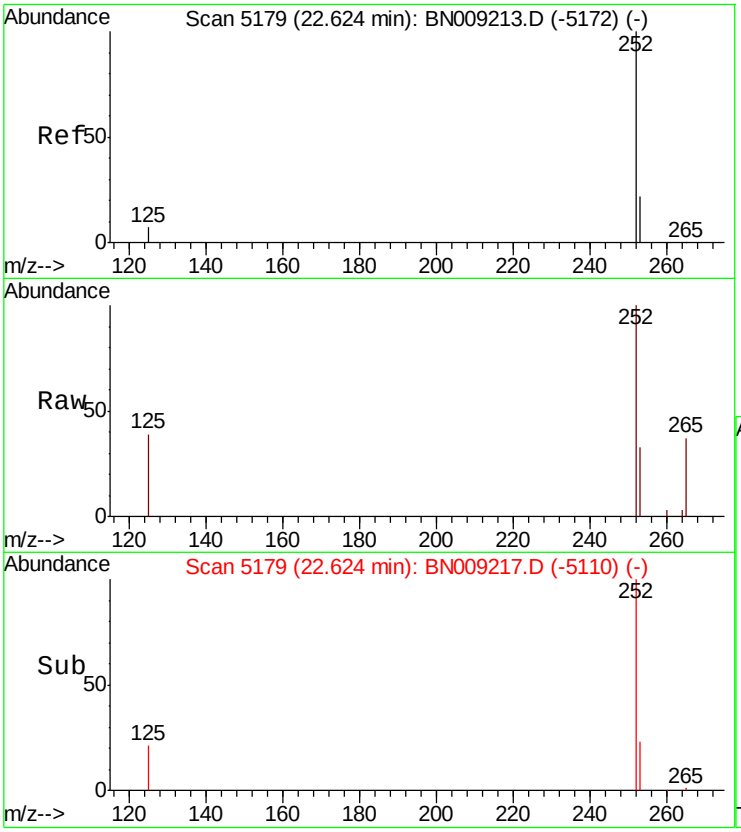


#21
Benzo(b)fluoranthene
Concen: 0.473 ng/ul m
RT: 22.59 min Scan# 5166
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:252 Resp: 18846

Ion	Ratio	Lower	Upper
252	100		
253	27.6	0.0	48.2
125	21.8	0.0	30.0





#22
Benzo(k)fluoranthene
Concen: 0.190 ng/ul m
RT: 22.62 min Scan# 5179
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:252 Resp: 7635

Ion	Ratio	Lower	Upper
252	100		
253	32.6	19.4	29.0#
125	39.4	12.4	18.6#

Instrument :
BNA_N
ClientSampleId :
C0C80

Manual Integrations APPROVED
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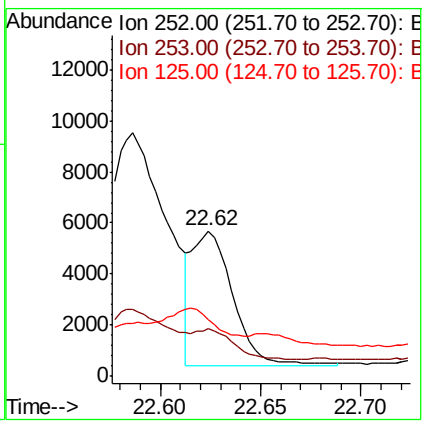
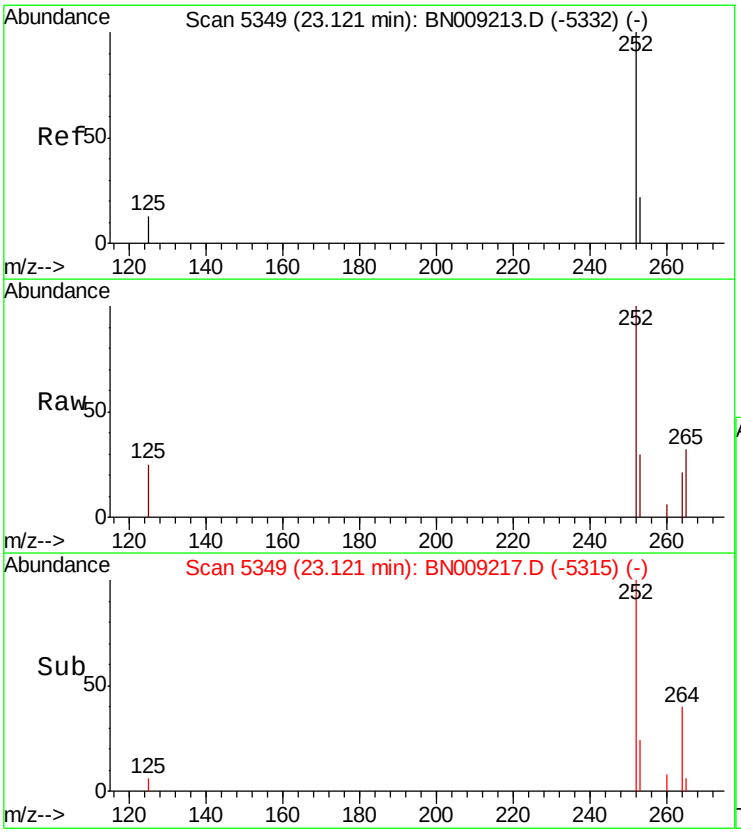
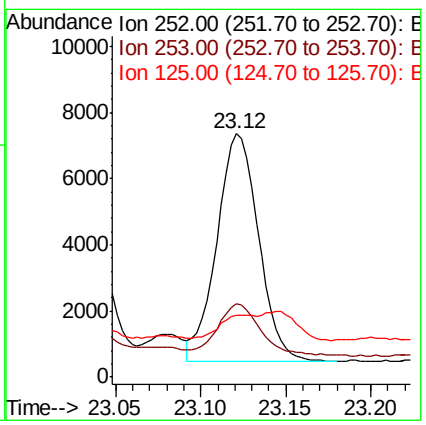


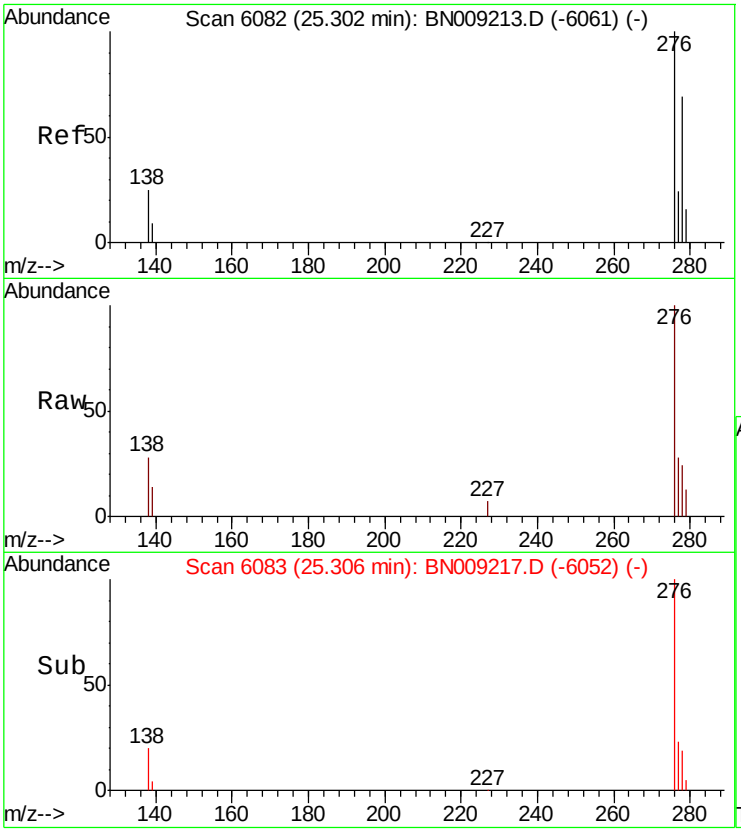


#23
Benzo(a)pyrene
Concen: 0.336 ng/ul
RT: 23.12 min Scan# 5349
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:252 Resp: 11707

Ion	Ratio	Lower	Upper
252	100		
253	29.9	20.2	30.4
125	25.2	13.2	19.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.235 ng/ul
RT: 25.31 min Scan# 6083
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:276 Resp: 8918

Ion	Ratio	Lower	Upper
276	100		
138	22.0	22.4	33.6#
227	0.2	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
C0C80

Manual Integrations APPROVED
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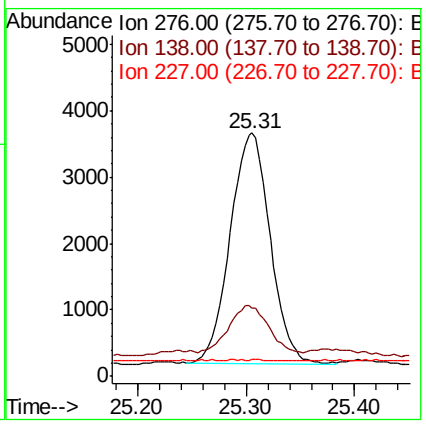
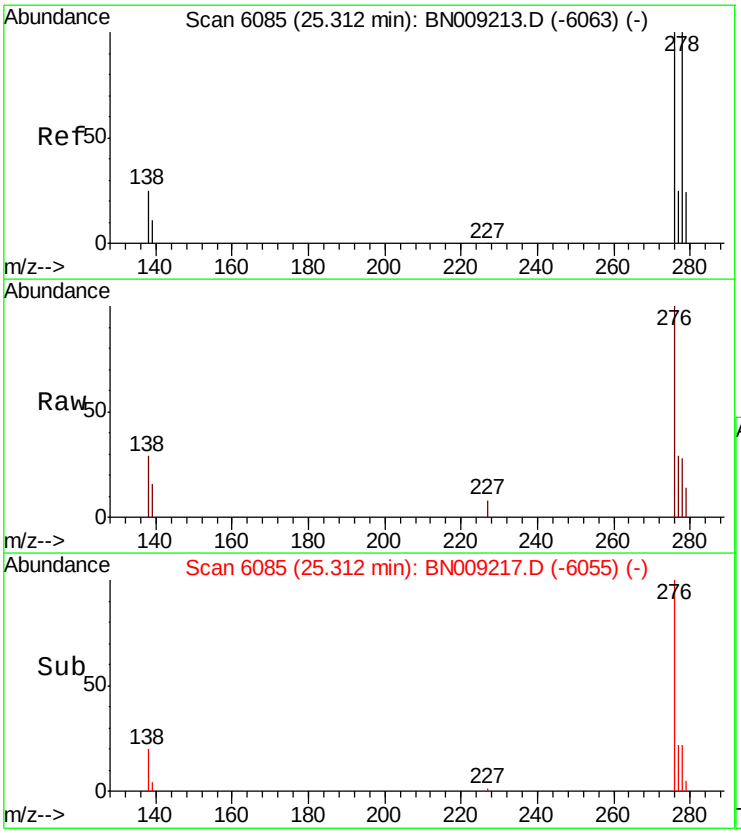
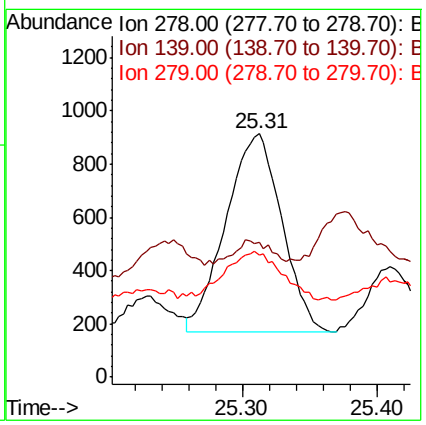


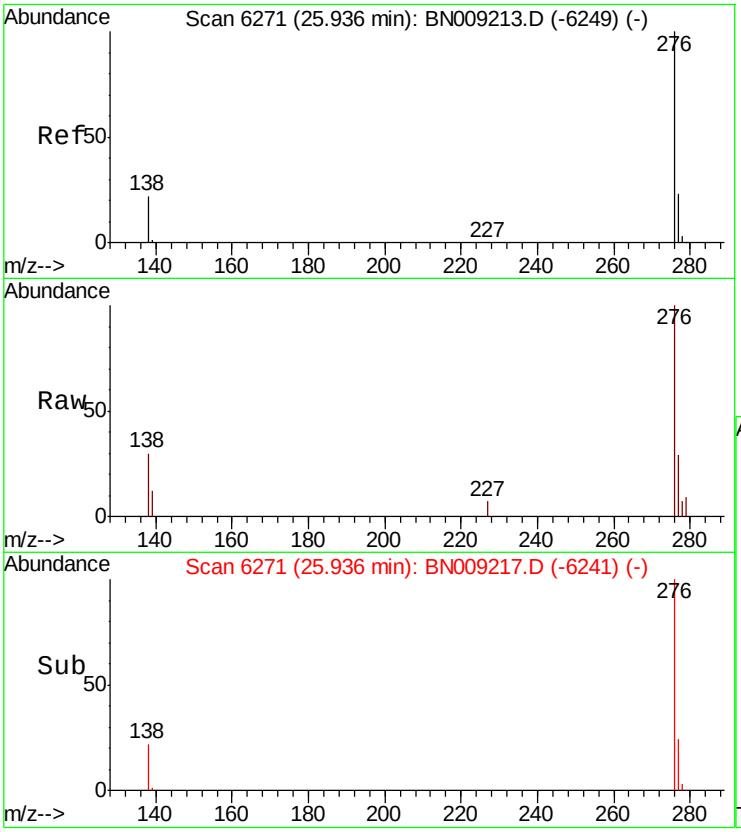


#25
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 25.31 min Scan# 6085
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:278 Resp: 2142

Ion	Ratio	Lower	Upper
278	100		
139	55.5	16.2	24.2#
279	50.3	20.3	30.5#

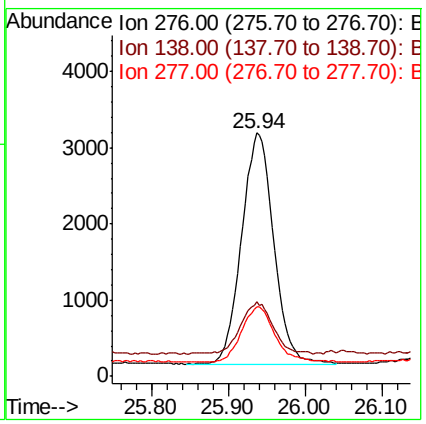




#26
Benzo(g,h,i)perylene
Concen: 0.270 ng/ul
RT: 25.94 min Scan# 6271
Delta R.T. 0.00 min
Lab File: BN009217.D
Acq: 28 Dec 2019 05:17

Tgt Ion:276 Resp: 8644

Ion	Ratio	Lower	Upper
276	100		
138	30.4	20.6	30.8
277	28.6	19.6	29.4



Instrument :
BNA_N
ClientSampleId :
C0C80

Manual Integrations APPROVED
mohammad
12/29/2019 5:31:46 PM