Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012207.D
Acq On : 14 Oct 2020 22:43
Operator : CG/JU
Sample : L4166-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 15 01:18:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0AC9

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1190	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4850	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2927	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6198	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	5969	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	6579	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1450	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3524	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	7173	0.512	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	885	0.100	ng/ul	98
7) Acenaphthylene	13.98	152	2086	0.164	ng/ul#	90
8) Acenaphthene	14.32	153	36228	3.375	ng/ul	99
9) Fluorene	15.31	166	13875	1.161	ng/ul	100
12) Phenanthrene	17.05	178	27768	1.405	ng/ul	98
13) Anthracene	17.14	178	30349	1.791	ng/ul	97
15) Fluoranthene	19.07	202	158631	6.866	ng/ul	97
17) Pyrene	19.44	202	110899	4.121	ng/ul	99
18) Benzo(a)anthracene	21.19	228	36903	1.669	ng/ul	99
19) Chrysene	21.24	228	51175	1.900	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	37319m	1.404	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	16029m	0.545	ng/ul	
23) Benzo(a)pyrene	23.30	252	21947m	0.849	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.57	276	11067	0.333	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	3276	0.123	ng/ul#	83
26) Benzo(g,h,i)perylene	26.24	276	9961	0.327	ng/ul	99

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

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ClientSampleId :
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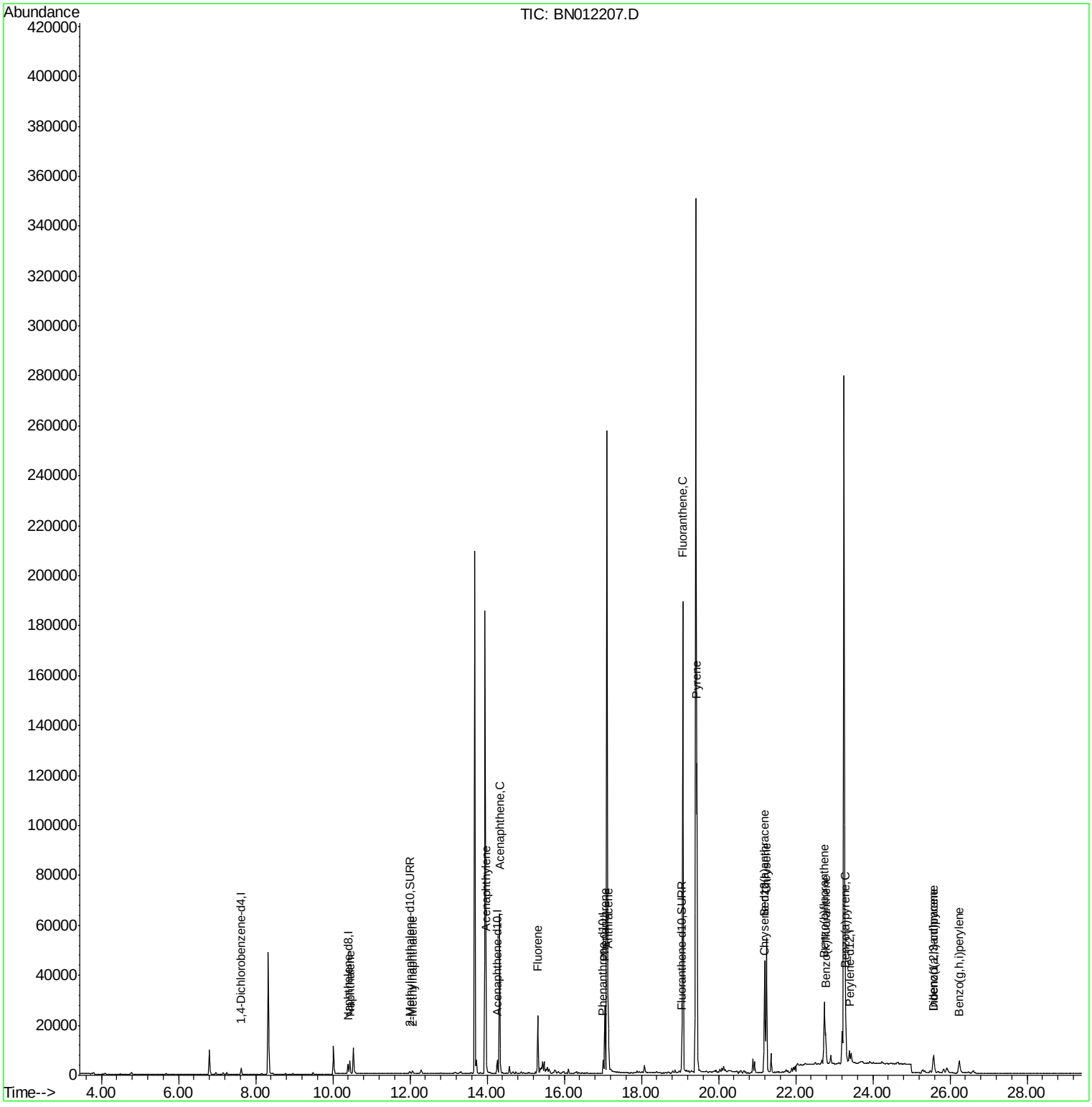
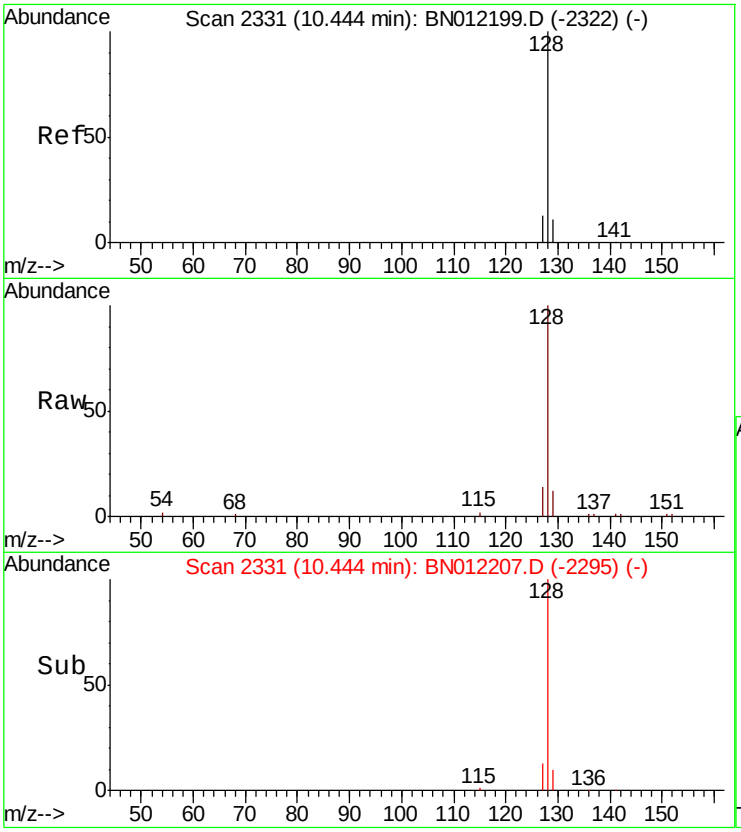
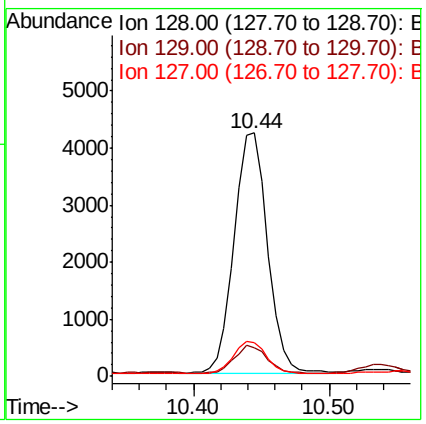




#3
Naphthalene
Concen: 0.512 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. 0.00 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:128 Resp: 7173

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.3	15.5
127	13.9	11.9	17.9



Instrument :
BNA_N
ClientSampleId :
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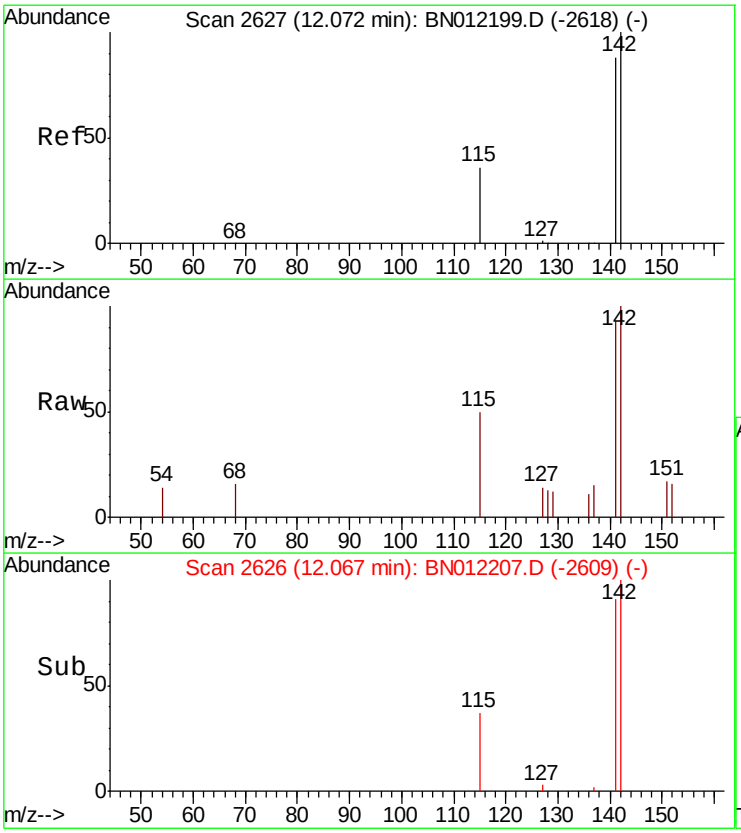
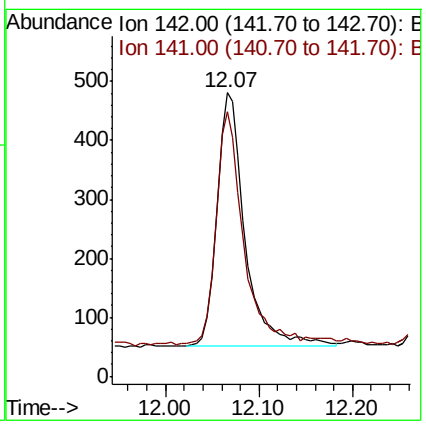
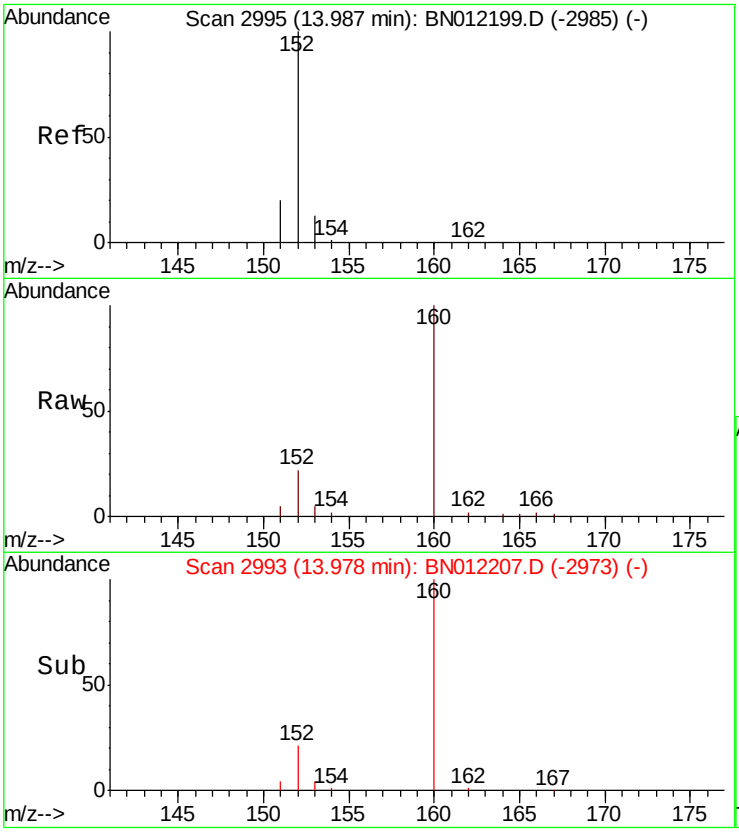


#5
2-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:142 Resp: 885

Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.7	107.5





#7
Acenaphthylene
Concen: 0.164 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:152 Resp: 2086

Ion	Ratio	Lower	Upper
152	100		
151	24.1	16.7	25.1
153	21.2	11.8	17.8#

Instrument :
BNA_N
ClientSampleId :
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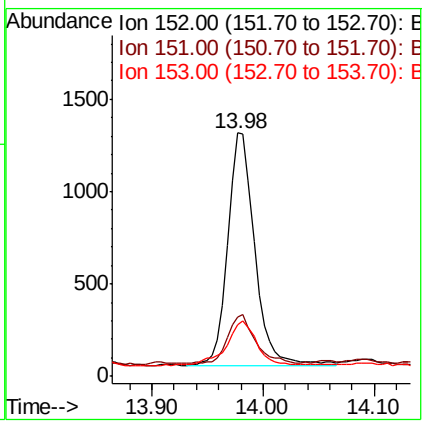
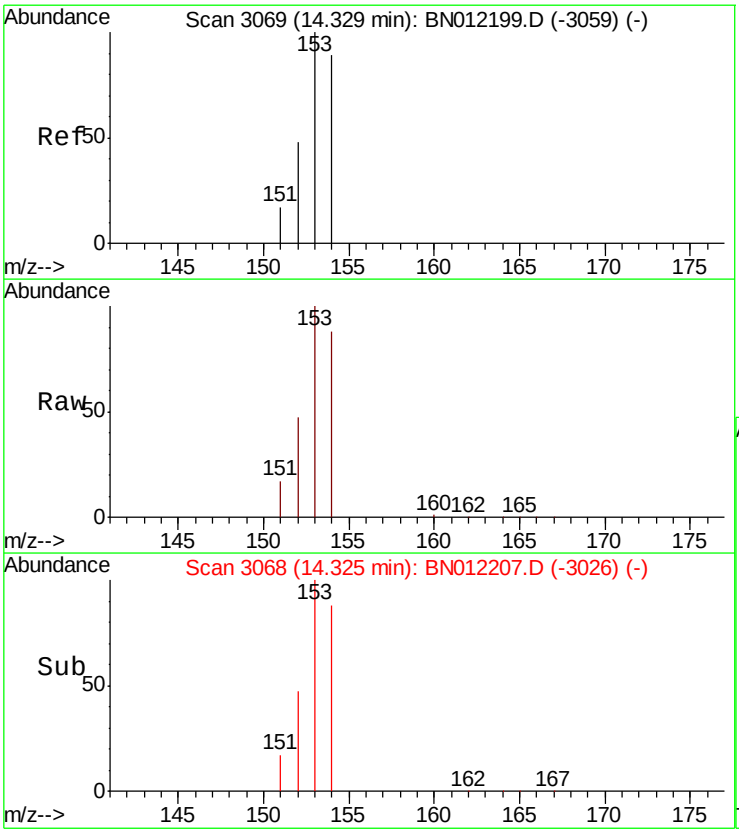
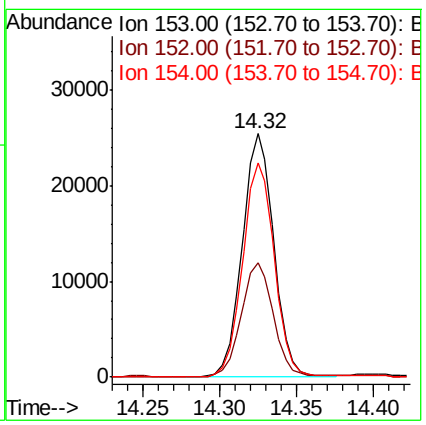


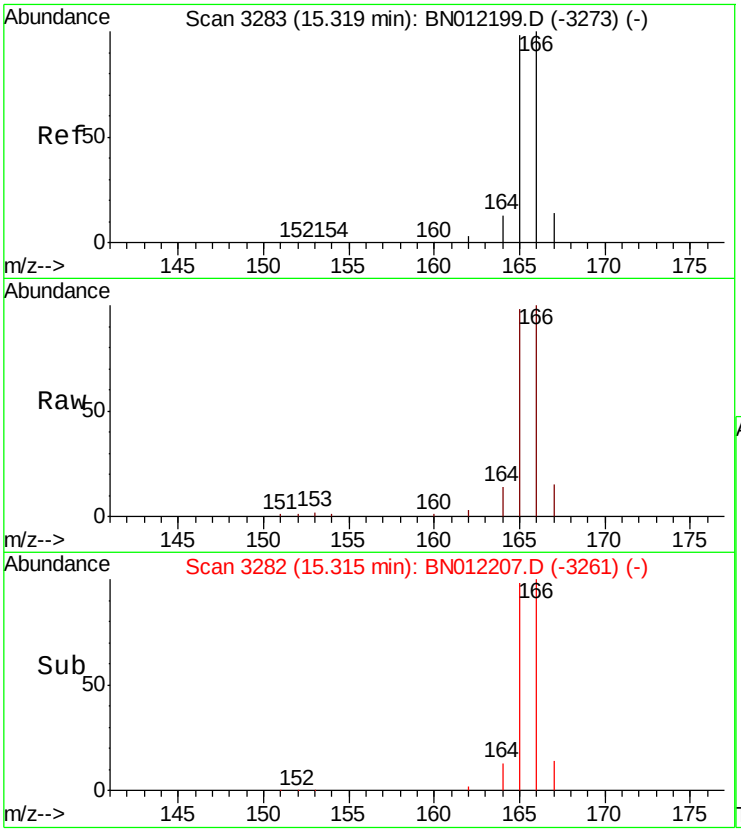


#8
Acenaphthene
Concen: 3.375 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.00 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:153 Resp: 36228

Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.2	57.2
154	87.8	71.1	106.7

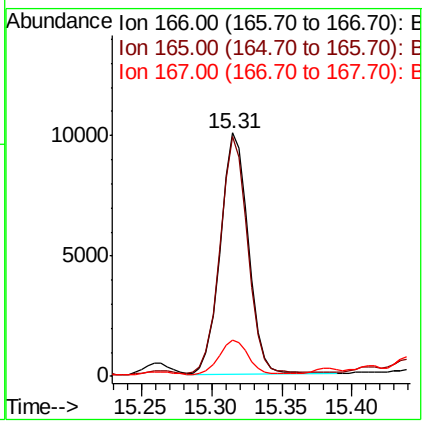




#9
Fluorene
Concen: 1.161 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.00 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:166 Resp: 13875

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	118.0
167	15.1	11.9	17.9



Instrument :
BNA_N
ClientSampleId :
C0AC9

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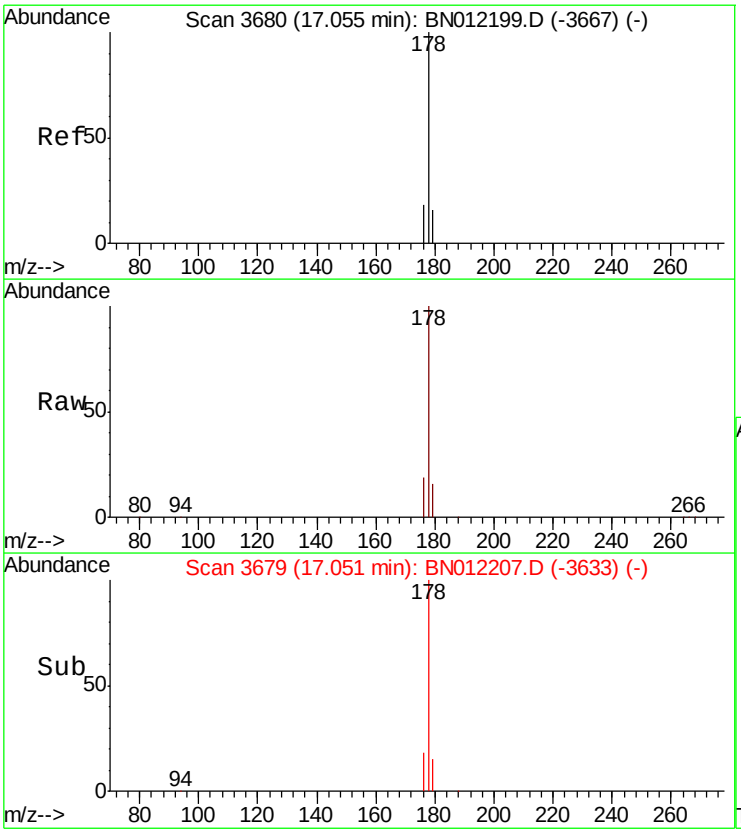
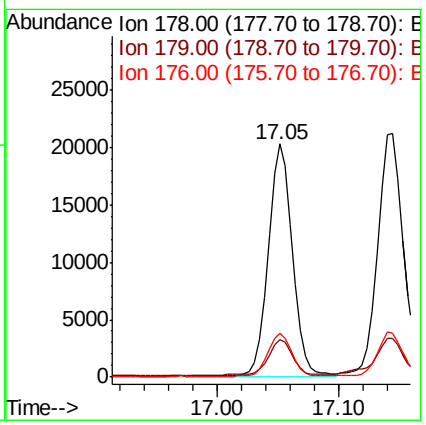
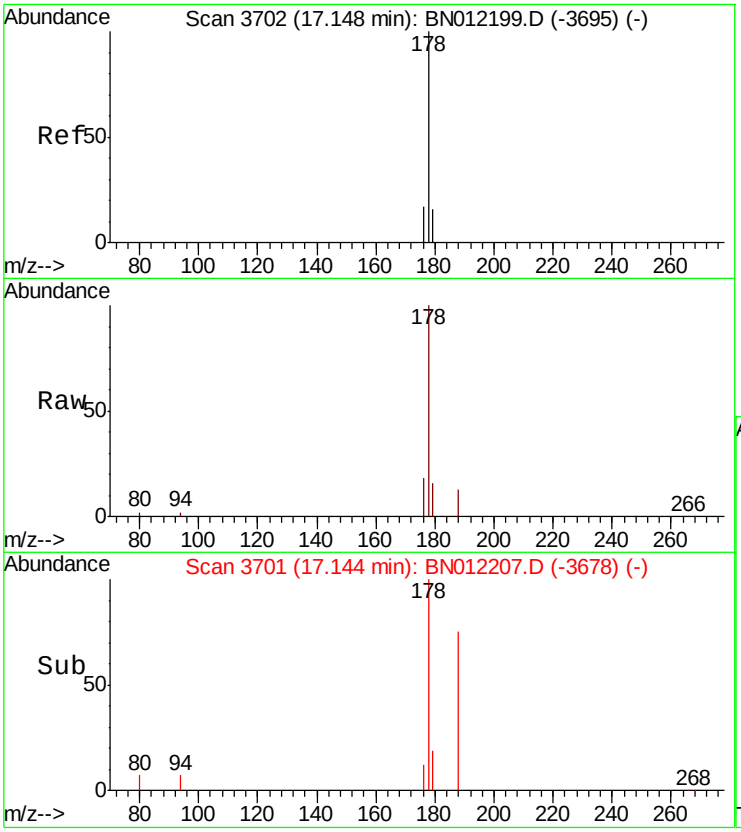


#12
Phenanthrene
Concen: 1.405 ng/ul
RT: 17.05 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:178 Resp: 27768

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.4	20.2
176	18.8	15.7	23.5

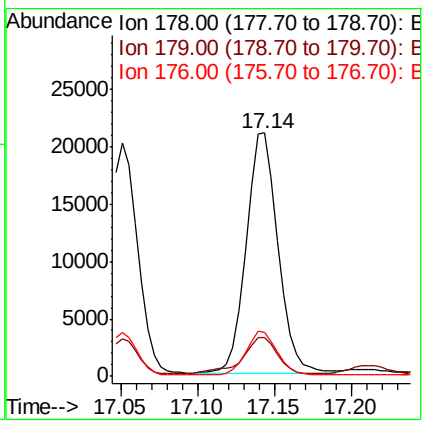




#13
Anthracene
Concen: 1.791 ng/ul
RT: 17.14 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:178 Resp: 30349

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.9	20.9
176	18.1	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
C0AC9

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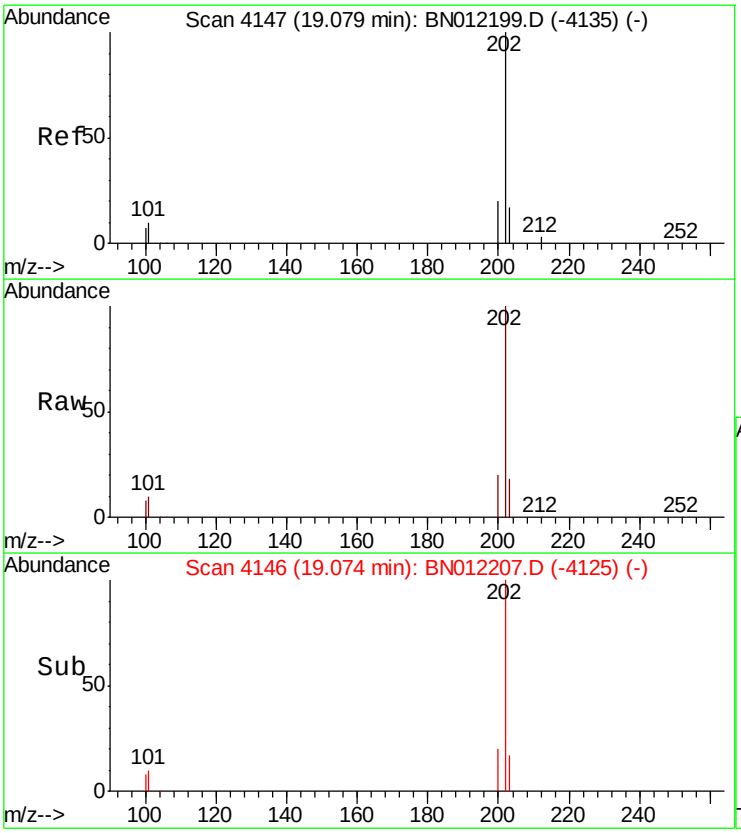
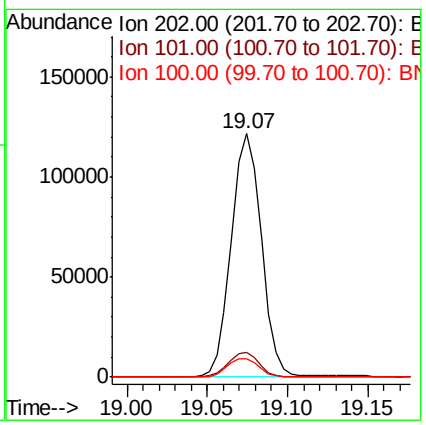
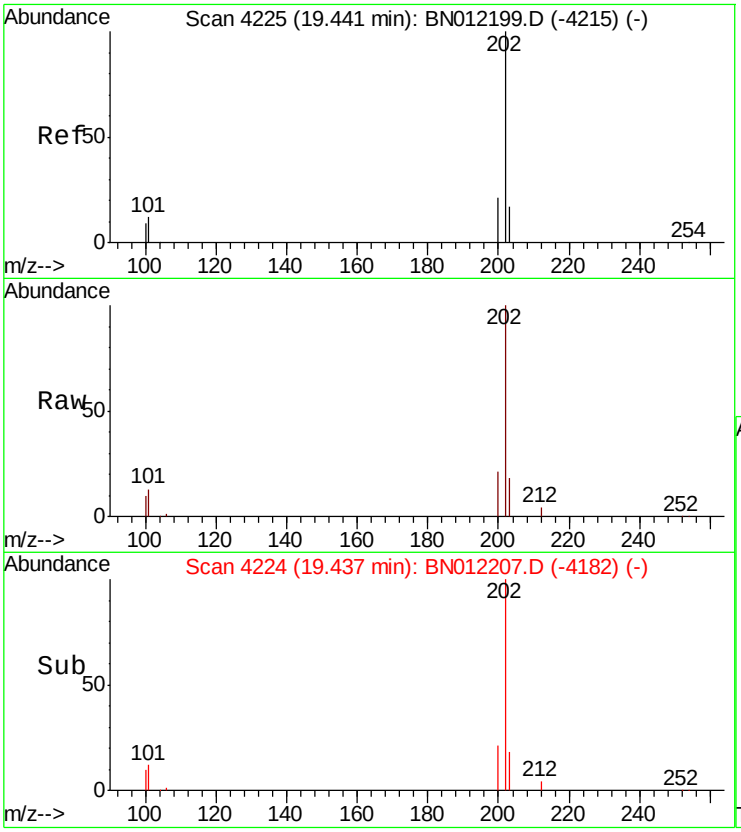


#15
Fluoranthene
Concen: 6.866 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:202 Resp: 158631

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.0
100	7.7	0.0	28.7





#17
Pyrene
Concen: 4.121 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:202 Resp: 110899

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.9	14.9
100	10.4	8.0	12.0

Instrument :
BNA_N
ClientSampleId :
C0AC9

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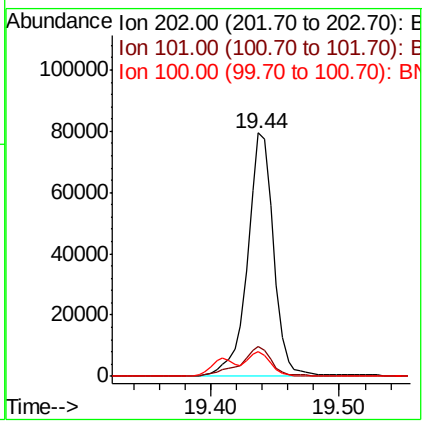
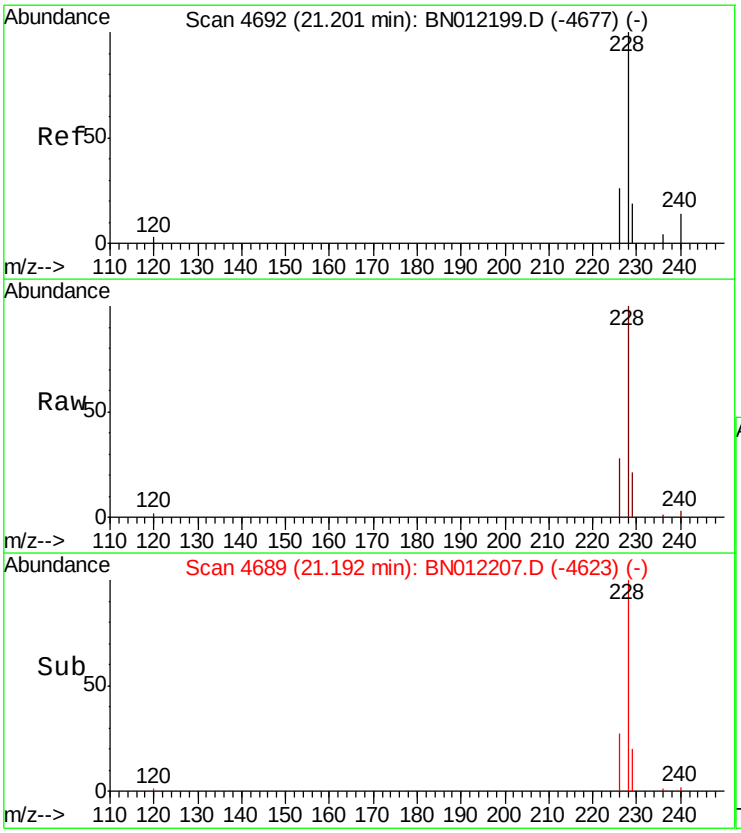
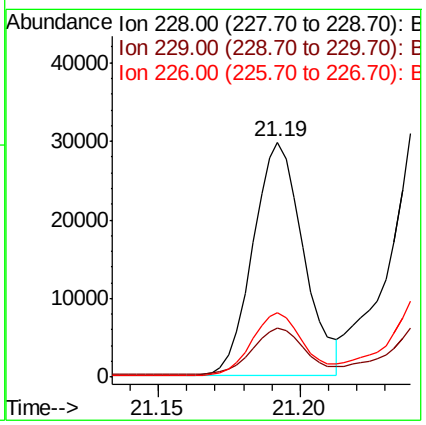


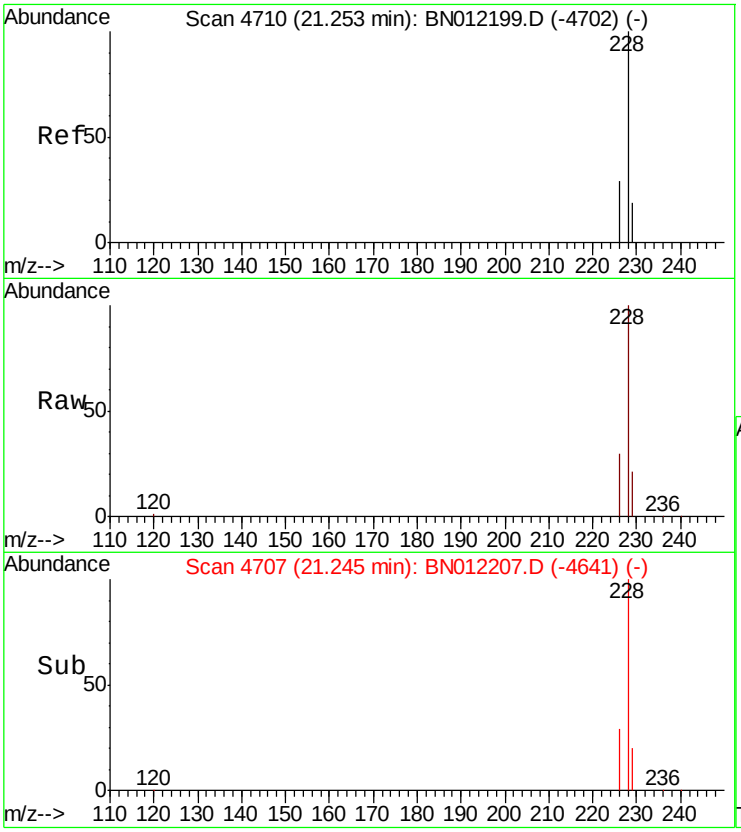


#18
Benzo(a)anthracene
Concen: 1.669 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:228 Resp: 36903

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	27.5	22.6	33.8

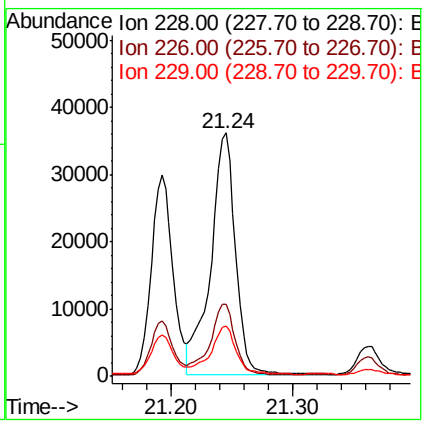




#19
Chrysene
Concen: 1.900 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. -0.01 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:228 Resp: 51175

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	37.0
229	20.6	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
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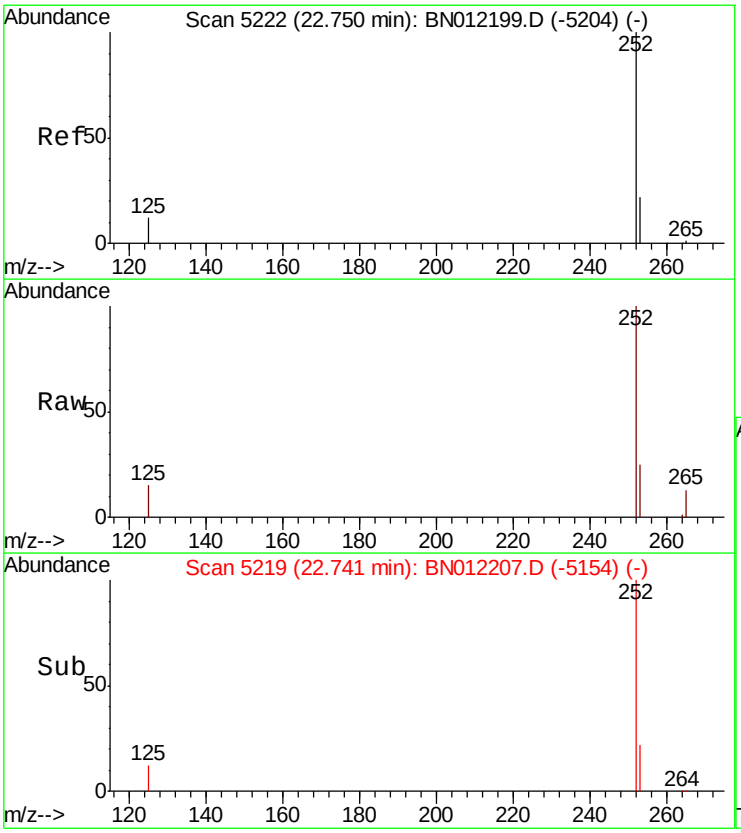
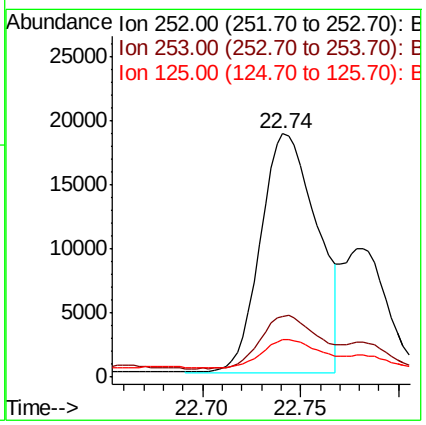
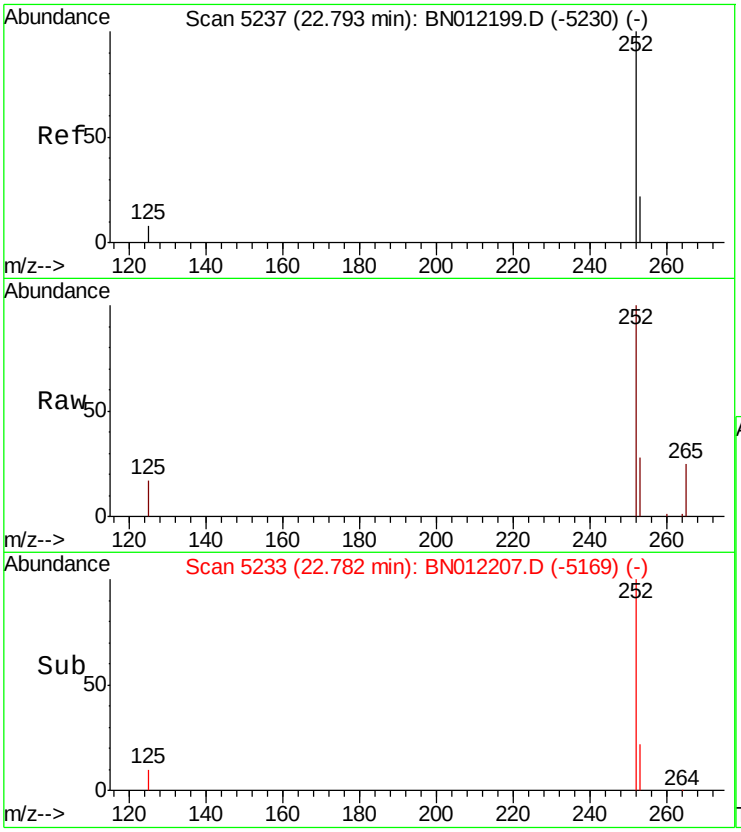


#21
Benzo(b)fluoranthene
Concen: 1.404 ng/ul m
RT: 22.74 min Scan# 5219
Delta R.T. -0.01 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:252 Resp: 37319

Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	61.6
125	15.2	0.0	36.8





#22
Benzo(k)fluoranthene
Concen: 0.545 ng/ul m
RT: 22.78 min Scan# 5233
Delta R.T. -0.01 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:252 Resp: 16029

Ion	Ratio	Lower	Upper
252	100		
253	27.5	24.4	36.6
125	16.9	12.9	19.3

Instrument :
BNA_N
ClientSampleId :
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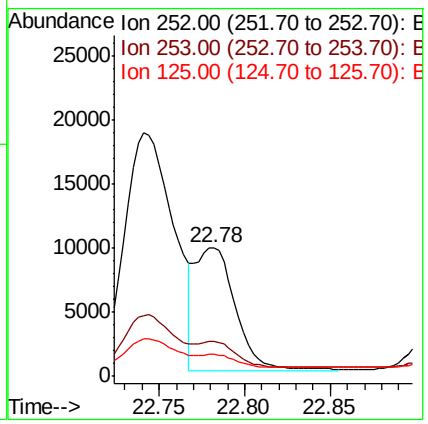
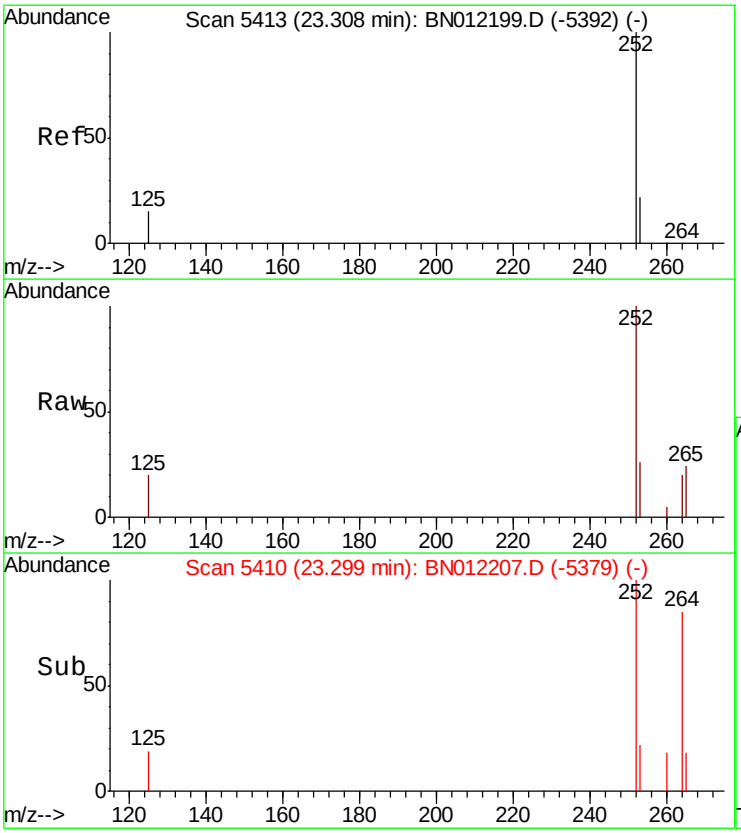
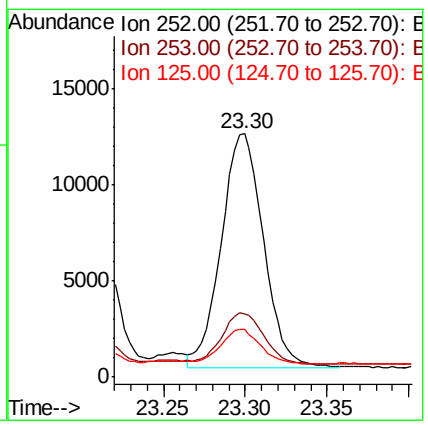


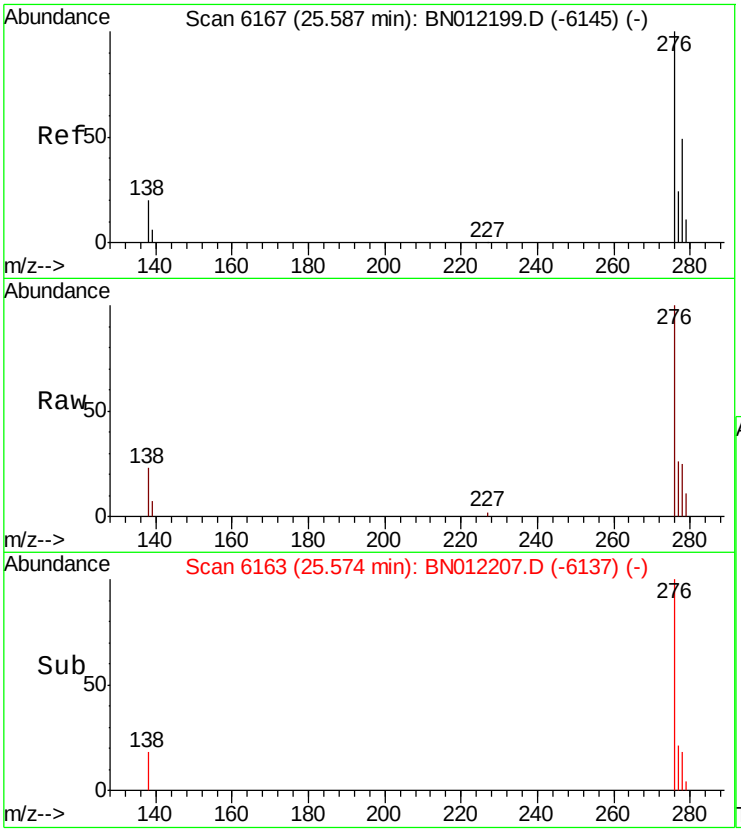


#23
Benzo(a)pyrene
Concen: 0.849 ng/ul m
RT: 23.30 min Scan# 5410
Delta R.T. -0.01 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:252 Resp: 21947

Ion	Ratio	Lower	Upper
252	100		
253	26.2	27.0	40.4#
125	19.6	18.8	28.2





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.01 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:276 Resp: 11067

Ion	Ratio	Lower	Upper
276	100		
138	20.4	0.0	0.0#
227	0.0	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0AC9

Manual Integrations APPROVED
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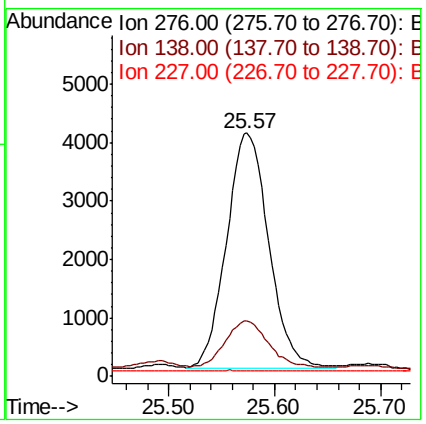
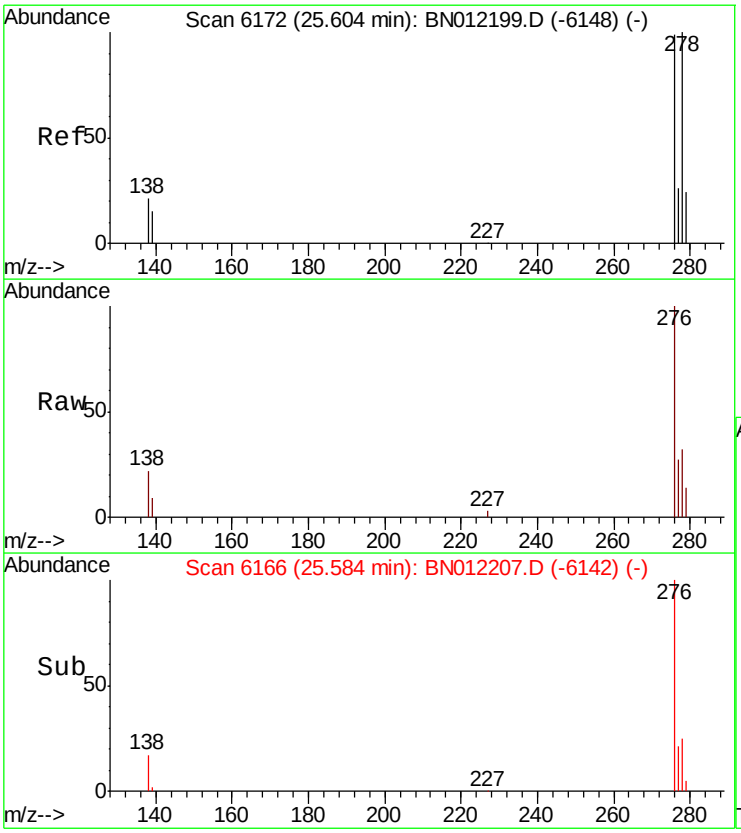
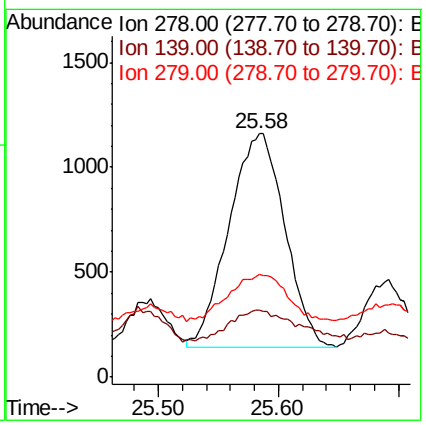


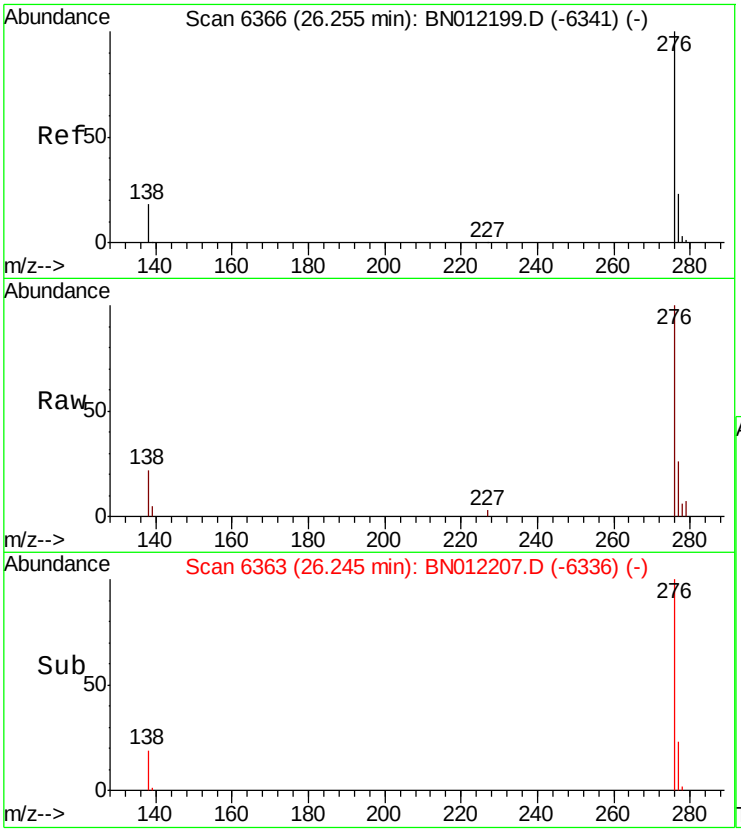


#25
Dibenzo(a,h)anthracene
Concen: 0.123 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. -0.02 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:278 Resp: 3276

Ion	Ratio	Lower	Upper
278	100		
139	27.3	15.7	23.5#
279	42.4	26.0	39.0#

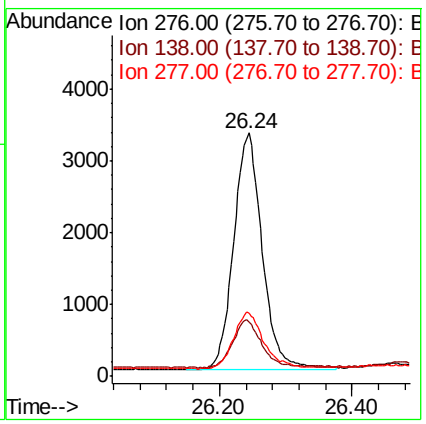




#26
Benzo(g,h,i)perylene
Concen: 0.327 ng/ul
RT: 26.24 min Scan# 6363
Delta R.T. -0.01 min
Lab File: BN012207.D
Acq: 14 Oct 2020 22:43

Tgt Ion:276 Resp: 9961

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.1	25.7
277	26.0	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
C0AC9

Manual Integrations APPROVED
mohammad
10/15/2020 8:21:08 AM