Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121920\
Data File : BN013226.D
Acq On : 19 Dec 2020 14:45
Operator : CG/JU
Sample : L5151-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AE5

Manual Integrations APPROVED
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12/22/2020 12:07:24 PM

Quant Time: Dec 21 01:10:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 21 00:52:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	452	0.40	ng/ul	0.00
2) Naphthalene-d8	10.09	136	1482	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.00	164	943	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.76	188	2007m	0.40	ng/ul	-0.02
16) Chrysene-d12	20.99	240	2127	0.40	ng/ul	-0.01
20) Perylene-d12	23.07	264	2004	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.69	152	548	0.25	ng/ul	-0.03
14) Fluoranthene-d10	18.80	212	1562	0.29	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.14	128	10957	2.555	ng/ul#	91
5) 2-Methylnaphthalene	11.77	142	10530	3.738	ng/ul	99
7) Acenaphthylene	13.71	152	3481	0.780	ng/ul#	96
8) Acenaphthene	14.06	153	996	0.272	ng/ul	93
9) Fluorene	15.06	166	1207	0.287	ng/ul#	92
11) Pentachlorophenol	16.44	266	33	0.057	ng/ul#	88
12) Phenanthrene	16.80	178	35882	5.332	ng/ul	97
13) Anthracene	16.89	178	7005	1.223	ng/ul	97
15) Fluoranthene	18.84	202	99796	12.480	ng/ul	93
17) Pyrene	19.20	202	91582	9.116	ng/ul	95
18) Benzo(a)anthracene	20.97	228	64792	7.363	ng/ul	99
19) Chrysene	21.02	228	72630	7.470	ng/ul	98
21) Benzo(b)fluoranthene	22.46	252	128870m	13.900	ng/ul	
22) Benzo(k)fluoranthene	22.50	252	42958m	4.192	ng/ul	
23) Benzo(a)pyrene	22.98	252	86323m	10.035	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.10	276	74500	6.593	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.11	278	17805	1.992	ng/ul	95
26) Benzo(g,h,i)perylene	25.72	276	64568	6.317	ng/ul	95

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

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Acq On : 19 Dec 2020 14:45
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 21 00:52:14 2020
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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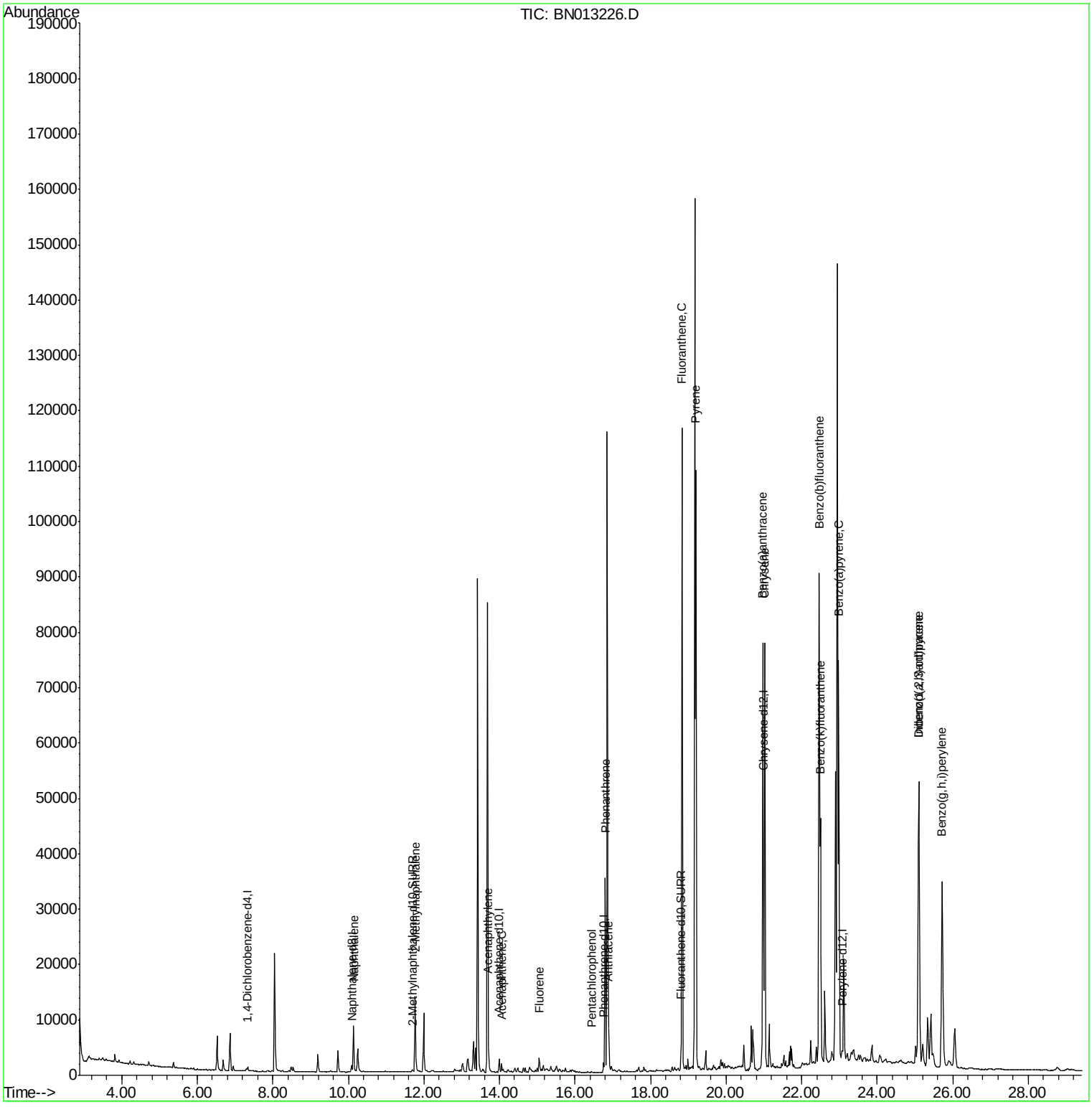

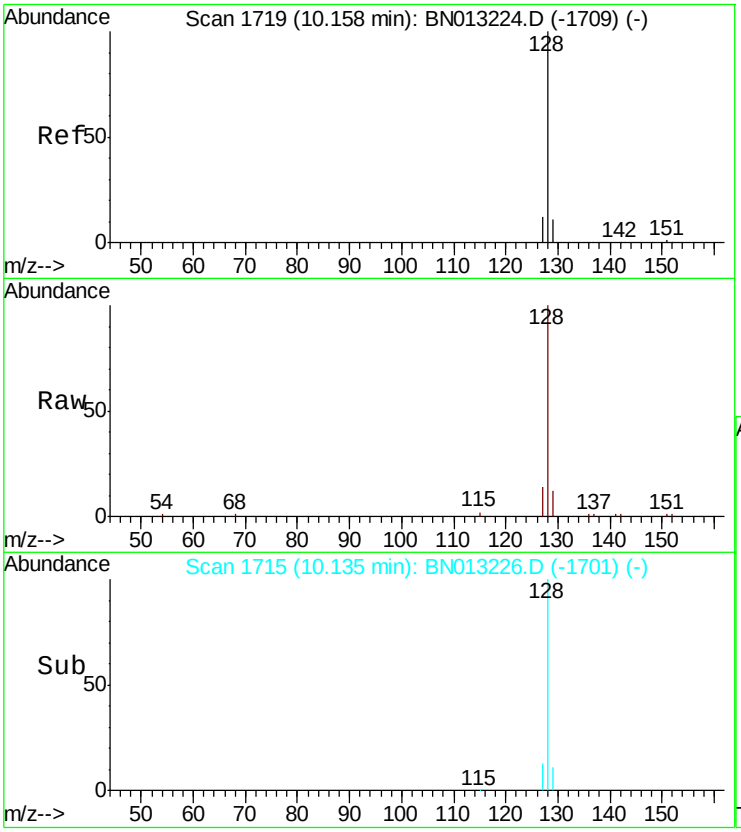

#3
Naphthalene
Concen: 2.555 ng/ul
RT: 10.14 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:128 Resp: 10957

Ion	Ratio	Lower	Upper
128	100		
129	11.6	12.3	18.5#
127	13.9	14.2	21.4#

Instrument :
BNA_N
ClientSampleId :
C0AE5

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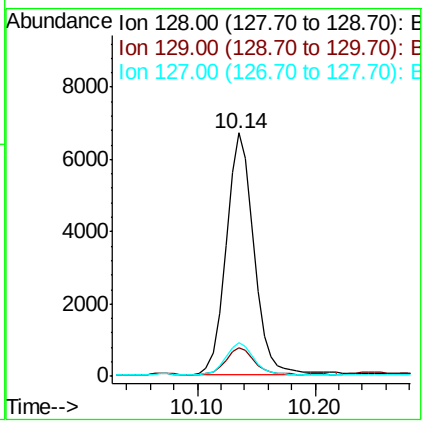
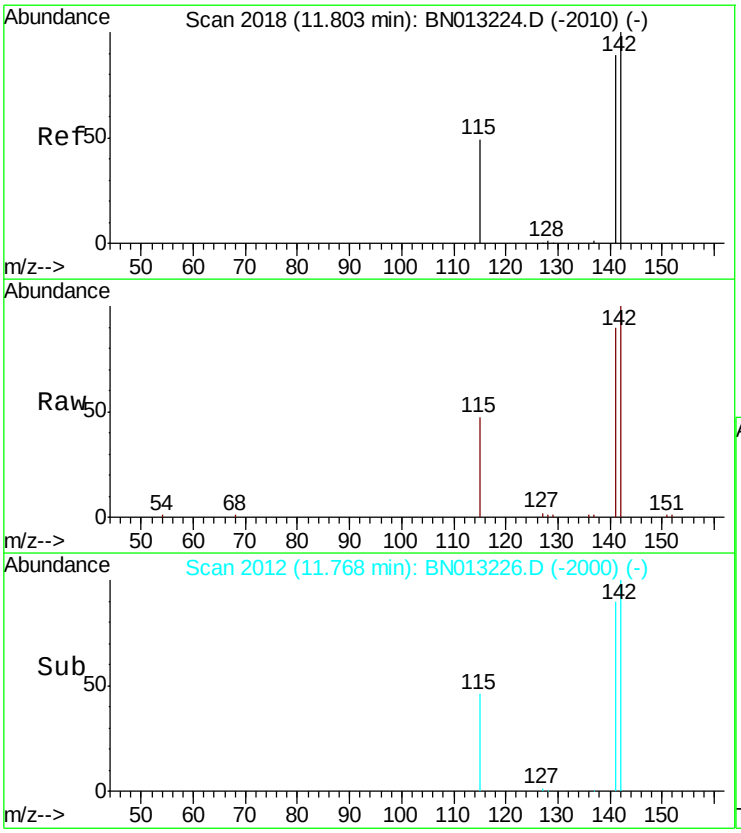
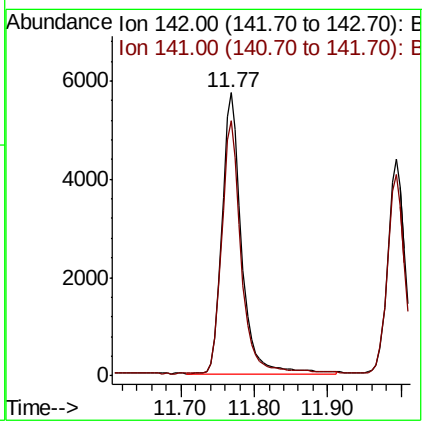


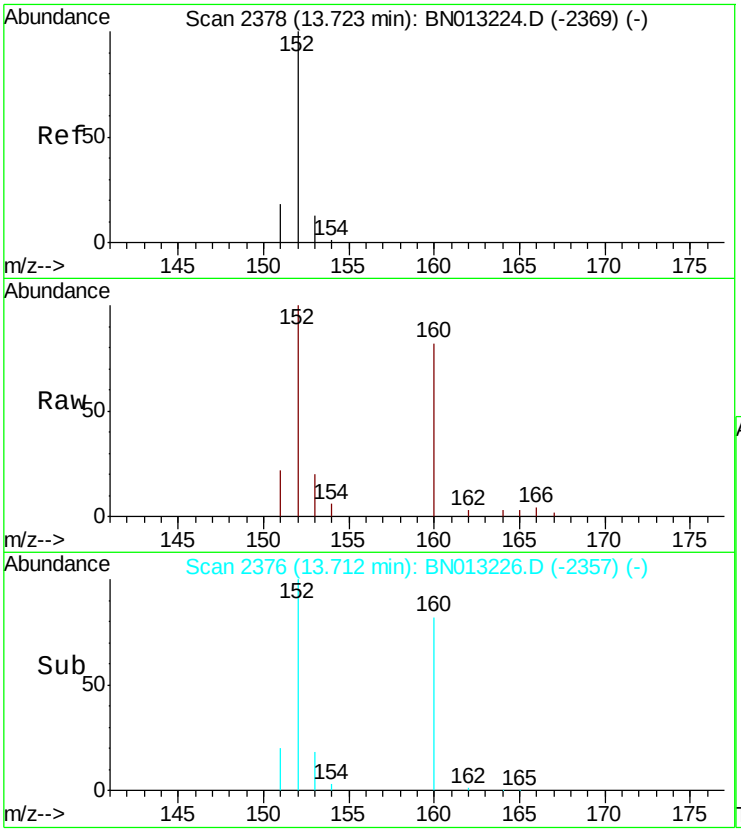


#5
2-Methylnaphthalene
Concen: 3.738 ng/ul
RT: 11.77 min Scan# 2012
Delta R.T. -0.03 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:142 Resp: 10530

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.0	109.6





#7
Acenaphthylene
Concen: 0.780 ng/ul
RT: 13.71 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:152 Resp: 3481

Ion	Ratio	Lower	Upper
152	100		
151	22.1	18.2	27.4
153	19.8	13.1	19.7#

Instrument :
BNA_N
ClientSampleId :
C0AE5

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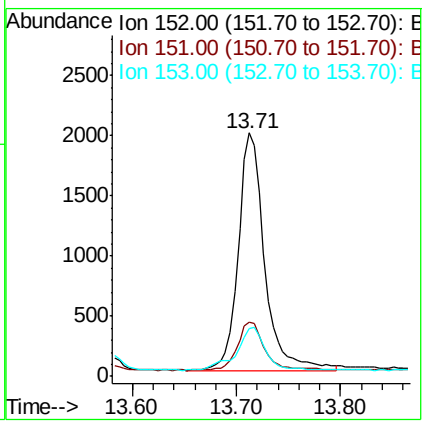
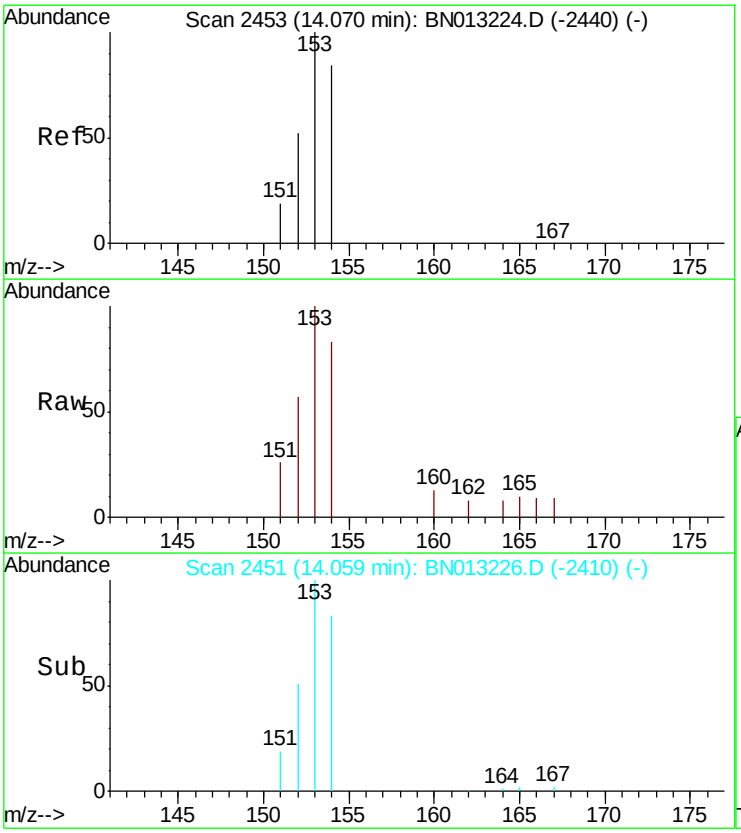
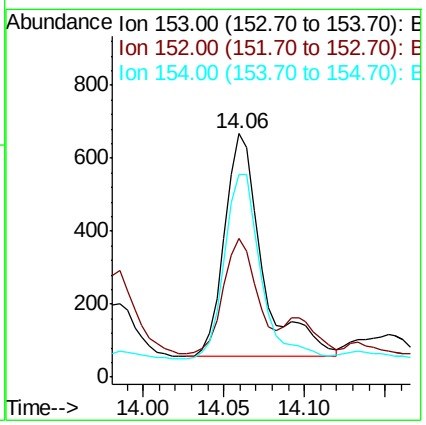


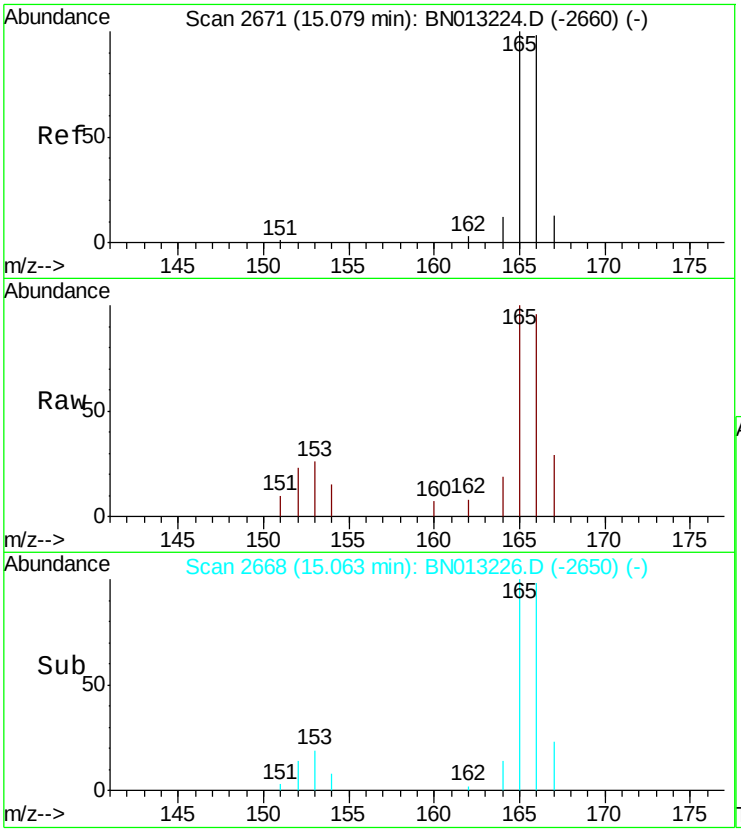


#8
Acenaphthene
Concen: 0.272 ng/ul
RT: 14.06 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:153 Resp: 996

Ion	Ratio	Lower	Upper
153	100		
152	57.0	40.7	61.1
154	83.4	70.8	106.2

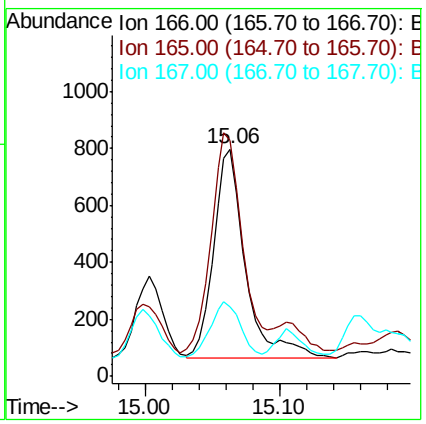




#9
Fluorene
Concen: 0.287 ng/ul
RT: 15.06 min Scan# 2668
Delta R.T. -0.02 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:166 Resp: 1207

Ion	Ratio	Lower	Upper
166	100		
165	103.9	79.8	119.8
167	30.5	13.8	20.8#



Instrument :
BNA_N
ClientSampleId :
C0AE5

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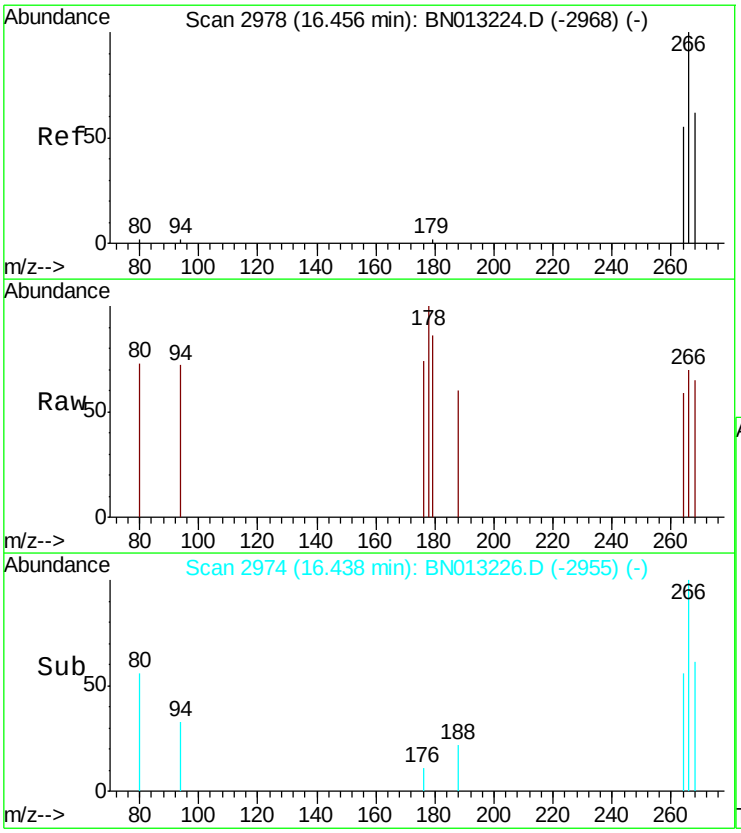
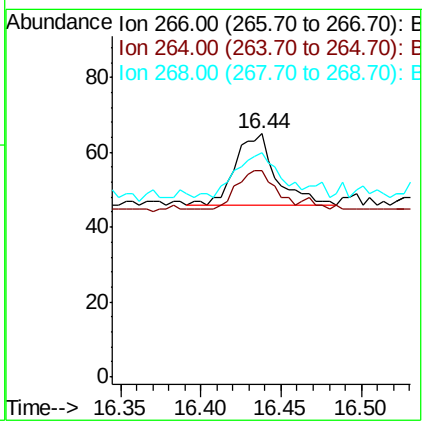
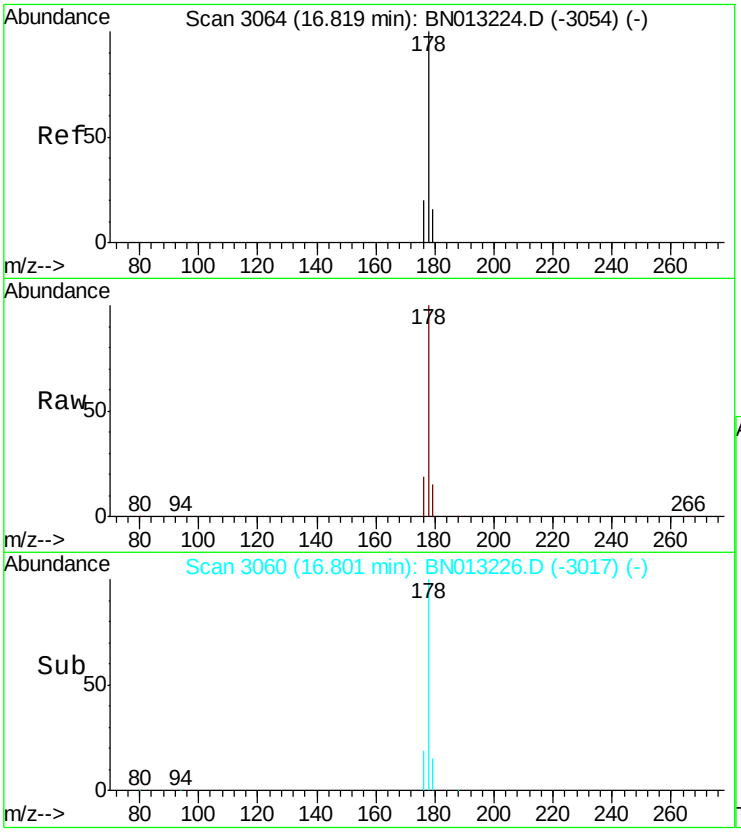


#11
Pentachlorophenol
Concen: 0.057 ng/ul
RT: 16.44 min Scan# 2974
Delta R.T. -0.02 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:266 Resp: 33

Ion	Ratio	Lower	Upper
266	100		
264	81.8	51.5	77.3#
268	72.7	56.0	84.0

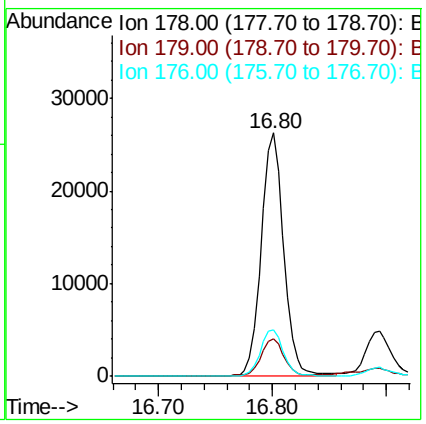




#12
Phenanthrene
Concen: 5.332 ng/ul
RT: 16.80 min Scan# 3060
Delta R.T. -0.02 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:178 Resp: 35882

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	19.4	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0AE5

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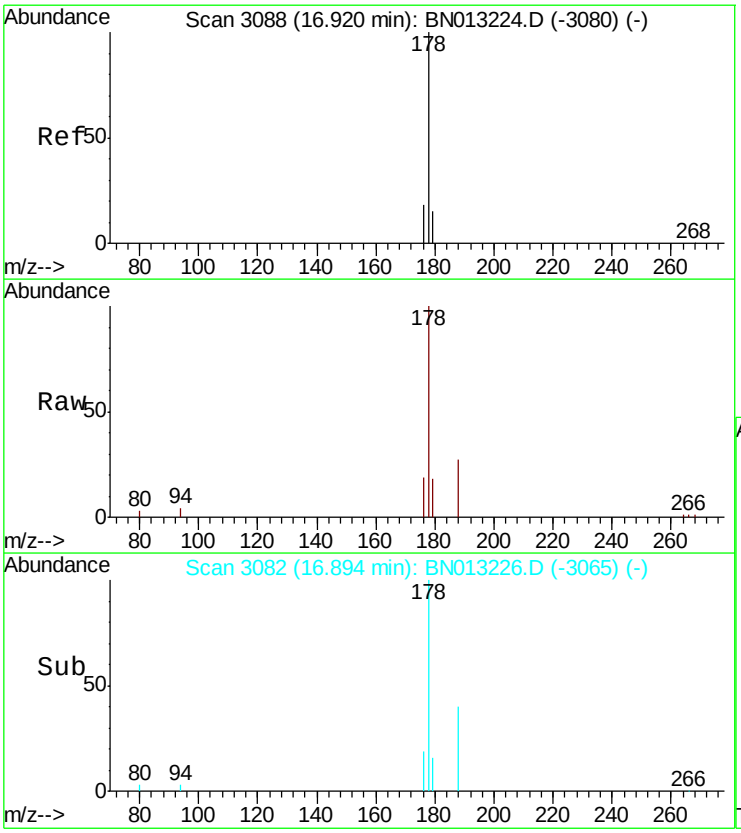
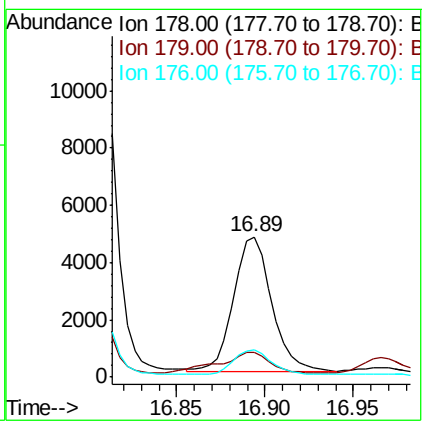
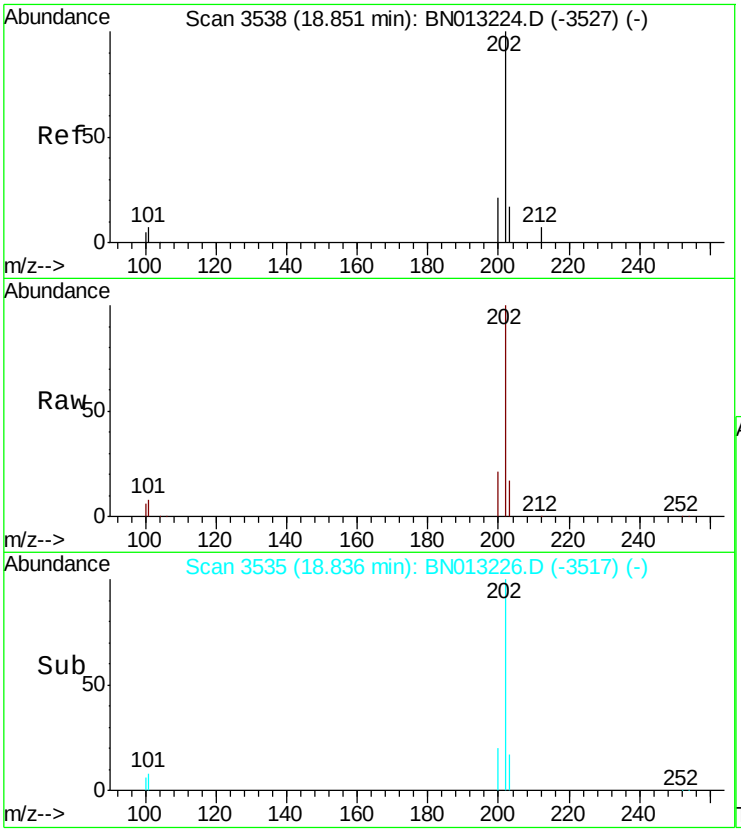


#13
Anthracene
Concen: 1.223 ng/ul
RT: 16.89 min Scan# 3082
Delta R.T. -0.03 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:178 Resp: 7005

Ion	Ratio	Lower	Upper
178	100		
179	17.7	14.6	21.8
176	19.3	17.1	25.7

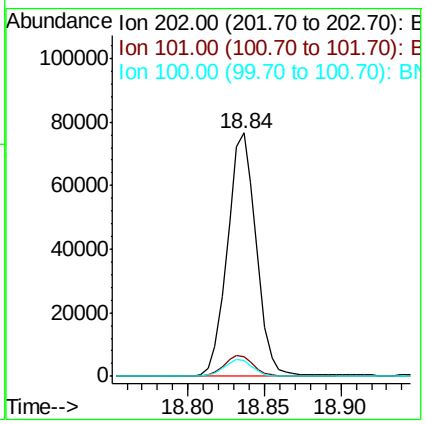




#15
Fluoranthene
Concen: 12.480 ng/ul
RT: 18.84 min Scan# 3535
Delta R.T. -0.01 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:202 Resp: 99796

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	30.6
100	6.3	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
C0AE5

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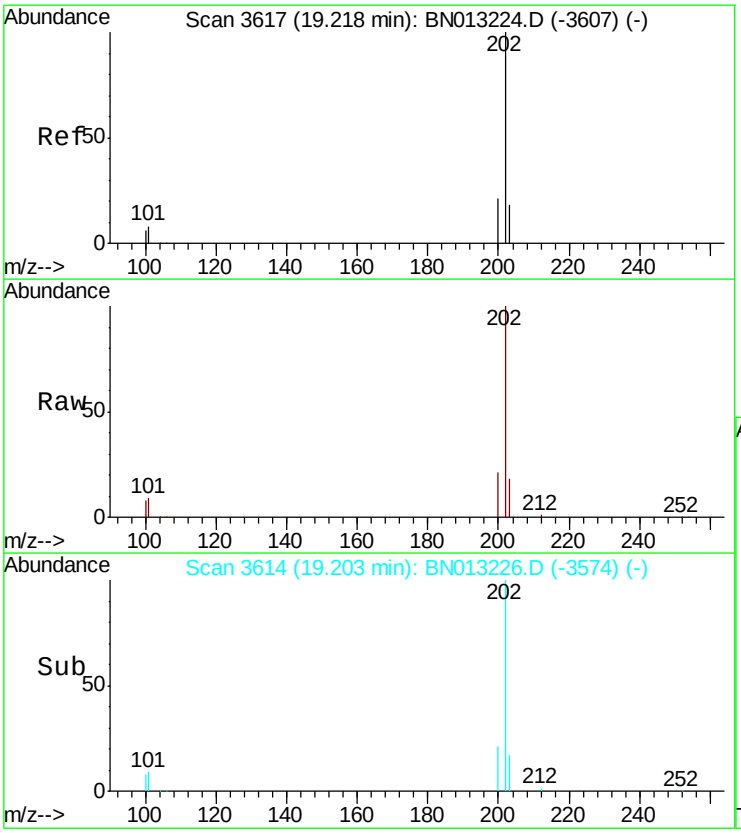
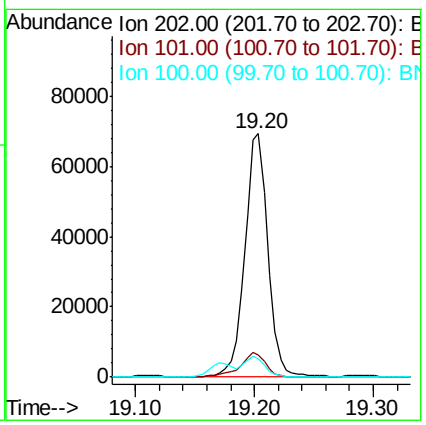
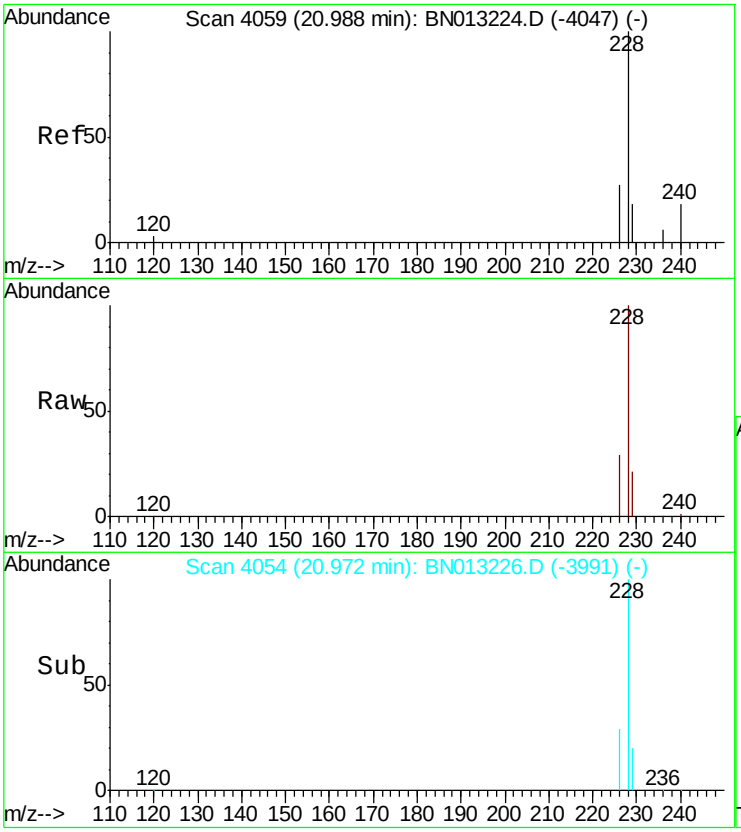


#17
Pyrene
Concen: 9.116 ng/ul
RT: 19.20 min Scan# 3614
Delta R.T. -0.01 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:202 Resp: 91582

Ion	Ratio	Lower	Upper
202	100		
101	9.2	9.1	13.7
100	7.8	7.5	11.3

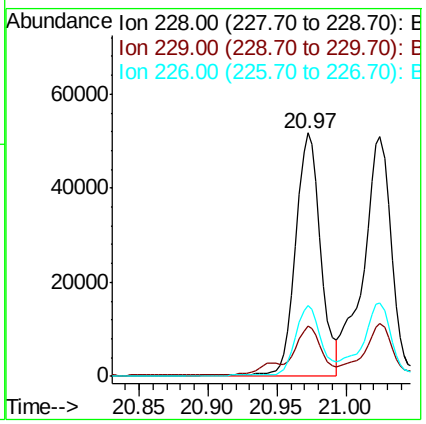




#18
Benzo(a)anthracene
Concen: 7.363 ng/ul
RT: 20.97 min Scan# 4054
Delta R.T. -0.02 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:228 Resp: 64792

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.3	24.5
226	28.9	23.4	35.2



Instrument :
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ClientSampleId :
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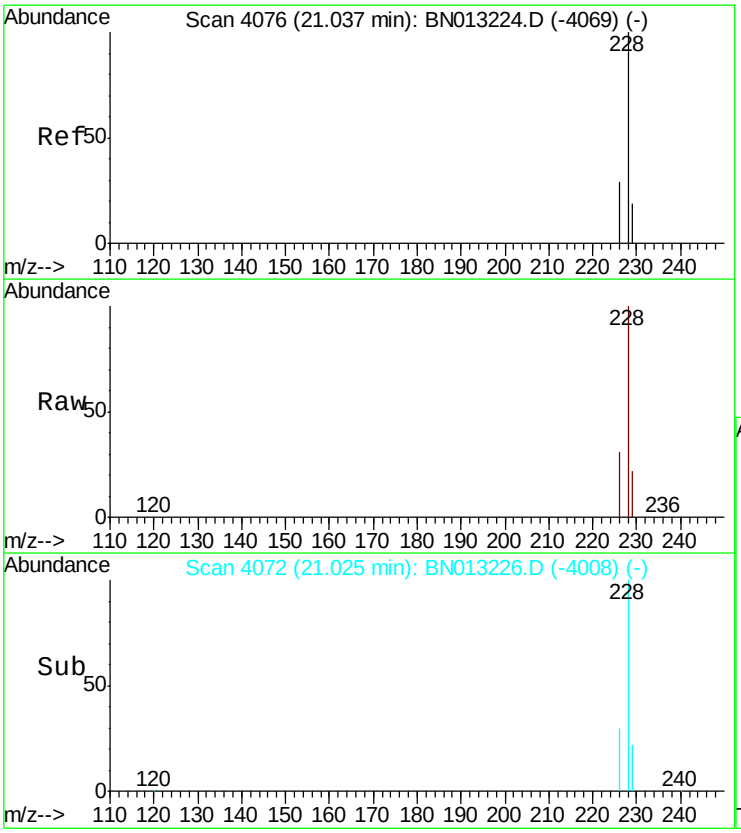
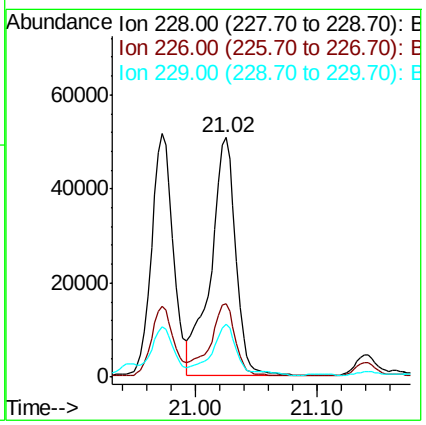
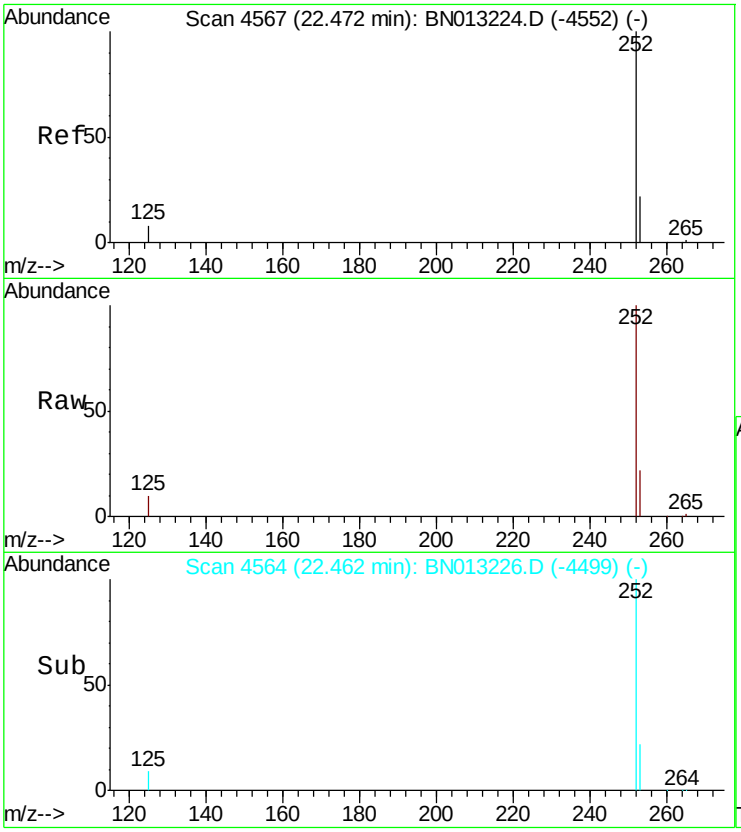


#19
Chrysene
Concen: 7.470 ng/ul
RT: 21.02 min Scan# 4072
Delta R.T. -0.01 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:228 Resp: 72630

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.9	16.4	24.6

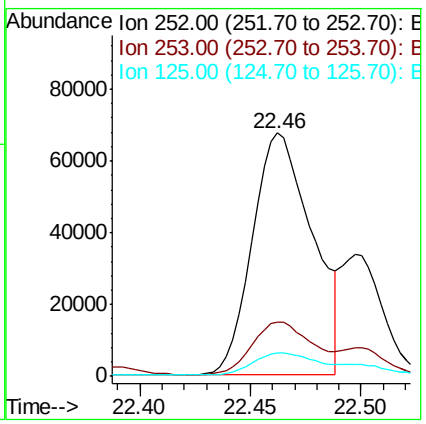




#21
Benzo(b)fluoranthene
Concen: 13.900 ng/ul m
RT: 22.46 min Scan# 4564
Delta R.T. -0.01 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:252 Resp: 128870

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	59.6
125	9.6	0.0	26.0



Instrument :
BNA_N
ClientSampleId :
C0AE5

Manual Integrations APPROVED
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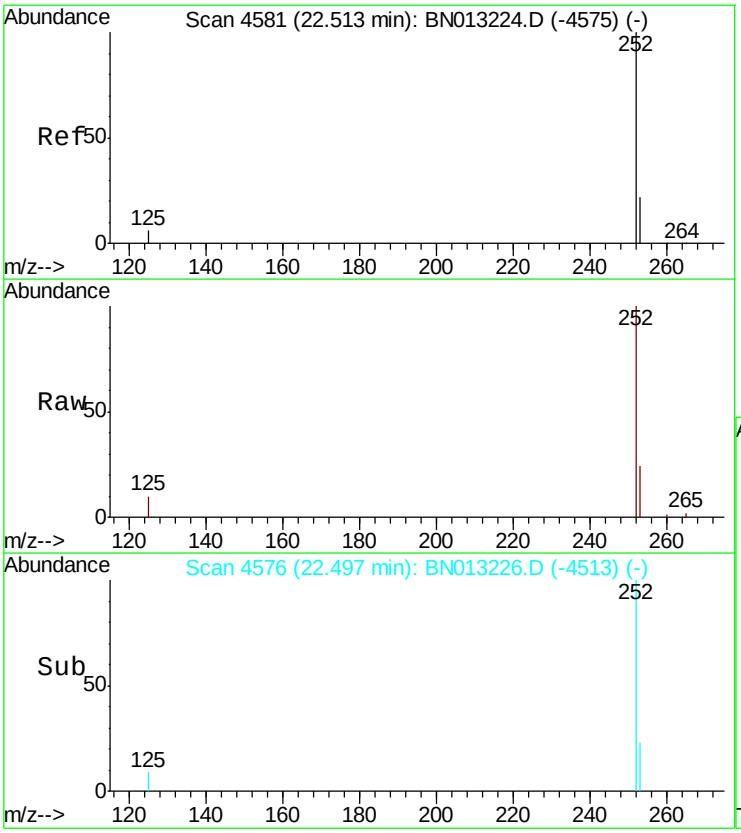
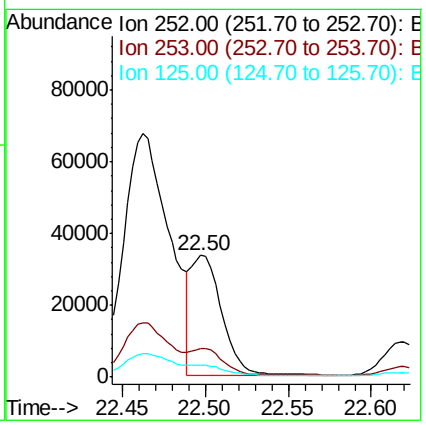
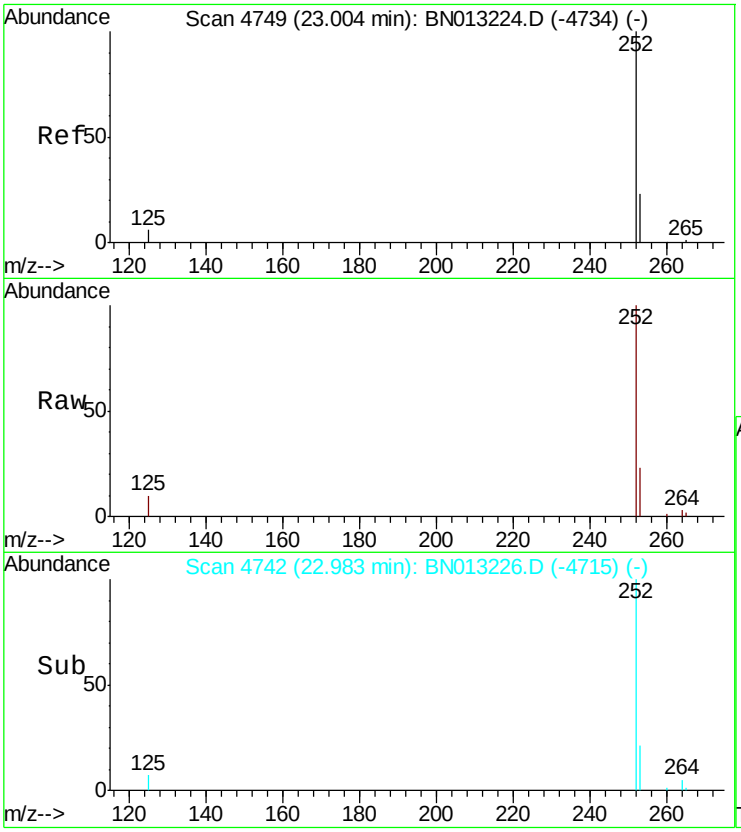


#22
Benzo(k)fluoranthene
Concen: 4.192 ng/ul m
RT: 22.50 min Scan# 4576
Delta R.T. -0.02 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:252 Resp: 42958

Ion	Ratio	Lower	Upper
252	100		
253	23.6	23.4	35.2
125	10.0	11.1	16.7#





#23
Benzo(a)pyrene
Concen: 10.035 ng/ul m
RT: 22.98 min Scan# 4742
Delta R.T. -0.02 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:252 Resp: 86323

Ion	Ratio	Lower	Upper
252	100		
253	22.9	26.5	39.7#
125	10.0	14.2	21.2#

Instrument :
BNA_N
ClientSampleId :
C0AE5

Manual Integrations APPROVED
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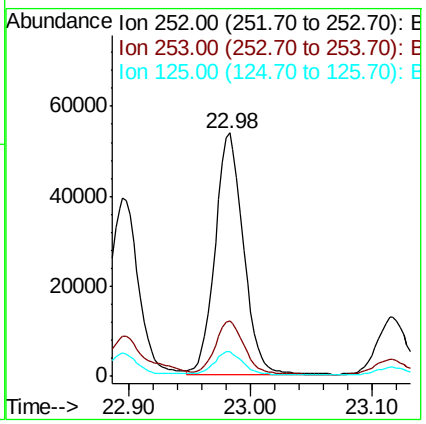
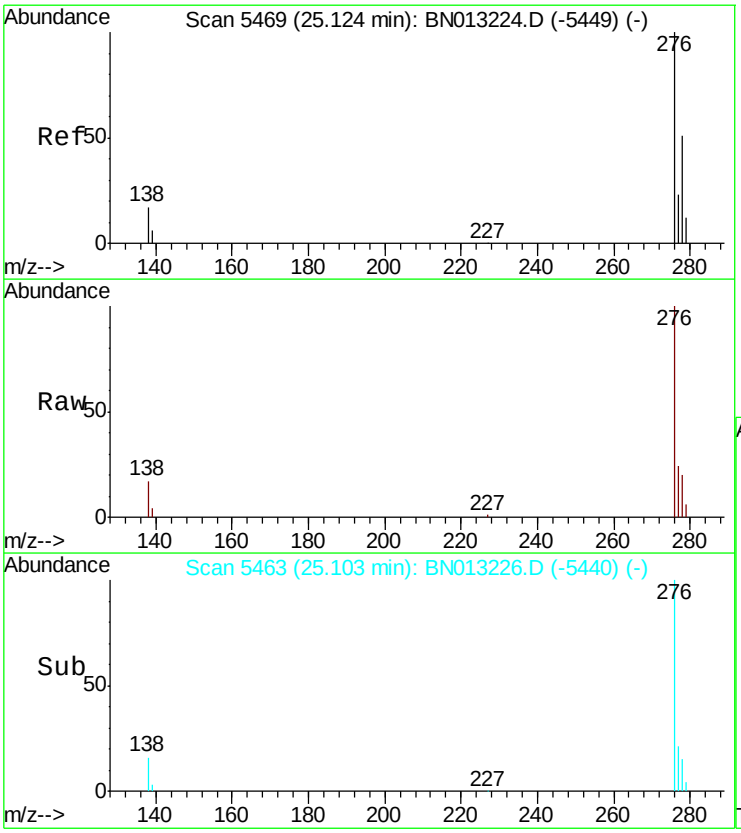
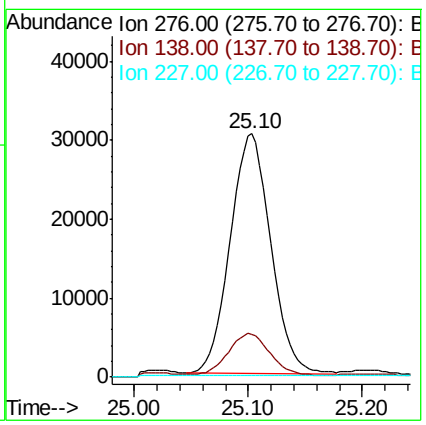


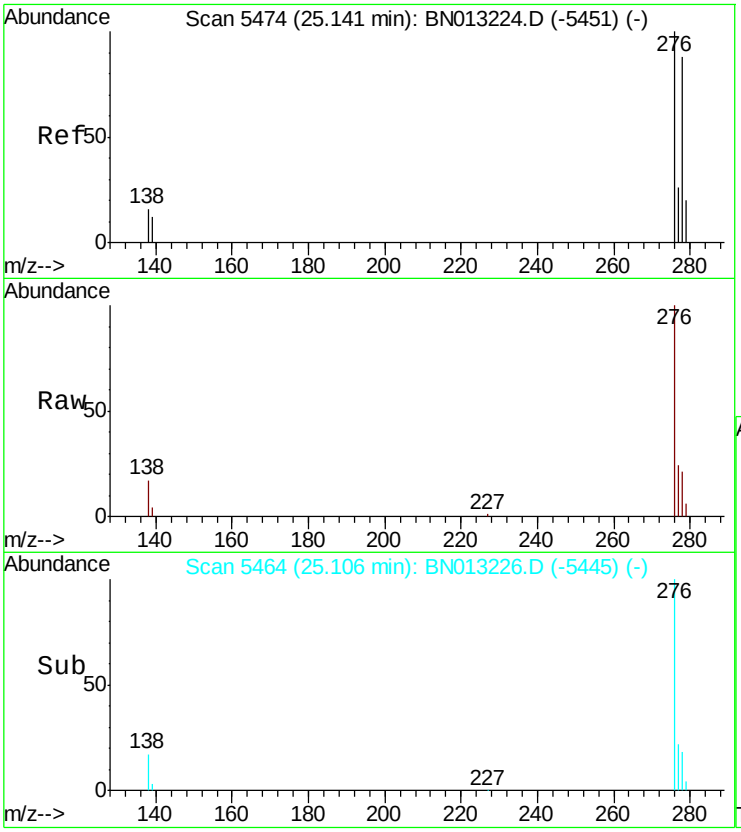


#24
Indeno(1,2,3-cd)pyrene
Concen: 6.593 ng/ul
RT: 25.10 min Scan# 5463
Delta R.T. -0.02 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:276 Resp: 74500

Ion	Ratio	Lower	Upper
276	100		
138	17.4	16.2	24.2
227	0.1	0.0	0.0#

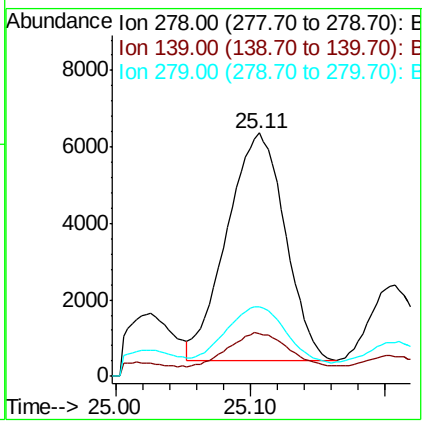




#25
Dibenzo(a,h)anthracene
Concen: 1.992 ng/ul
RT: 25.11 min Scan# 5464
Delta R.T. -0.03 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

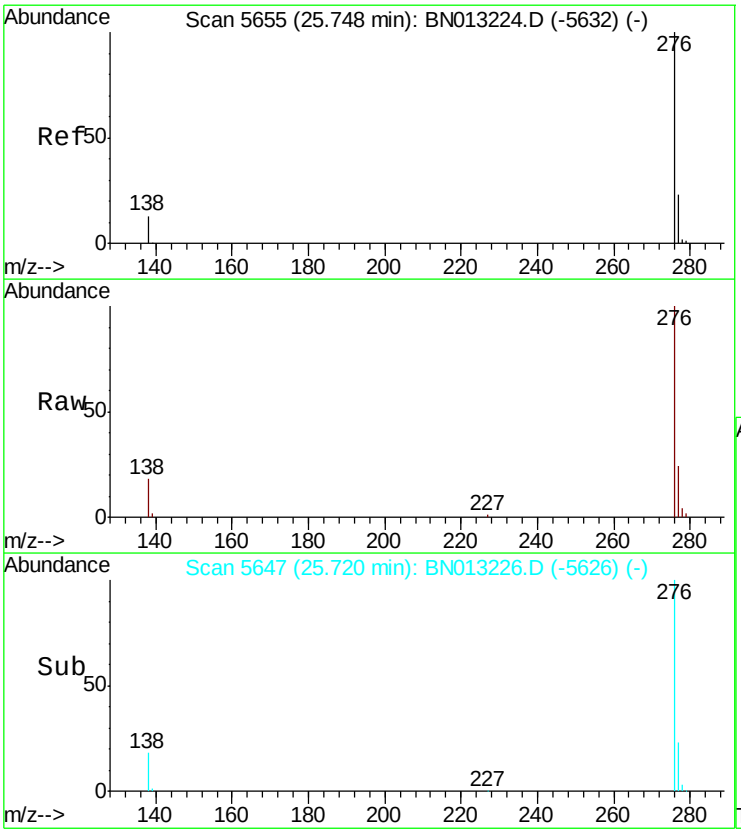
Tgt Ion:278 Resp: 17805

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.5	21.7
279	28.7	26.3	39.5



Instrument :
BNA_N
ClientSampleId :
C0AE5

Manual Integrations APPROVED
mohammad
12/22/2020 12:07:24 PM



#26
Benzo(g,h,i)perylene
Concen: 6.317 ng/ul
RT: 25.72 min Scan# 5647
Delta R.T. -0.03 min
Lab File: BN013226.D
Acq: 19 Dec 2020 14:45

Tgt Ion:276 Resp: 64568

Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.3	24.5
277	24.1	21.8	32.6