Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013011.D
Acq On : 09 Dec 2020 14:18
Operator : CG/JU
Sample : L4862-08DL 10X
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B62DL

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12/9/2020 5:39:35 PM

Quant Time: Dec 09 14:50:16 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 : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	984	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.14	136	3984	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2184	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4519	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3614	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	3441	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	226	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	473	0.04	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.76	152	748	0.072	ng/ul#	89
9) Fluorene	15.11	166	314	0.032	ng/ul#	91
12) Phenanthrene	16.84	178	5706	0.377	ng/ul	99
13) Anthracene	16.94	178	1156	0.090	ng/ul#	92
15) Fluoranthene	18.88	202	15589	0.866	ng/ul	99
17) Pyrene	19.25	202	13246	0.776	ng/ul	99
18) Benzo(a)anthracene	21.02	228	6251	0.418	ng/ul	99
19) Chrysene	21.07	228	8057	0.488	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	10153m	0.638	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	4154m	0.236	ng/ul	
23) Benzo(a)pyrene	23.04	252	6159	0.417	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.19	276	4286	0.221	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	1075	0.070	ng/ul#	58
26) Benzo(g,h,i)perylene	25.82	276	4086	0.233	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013011.D
Acq On : 09 Dec 2020 14:18
Operator : CG/JU
Sample : L4862-08DL 10X
Misc :
ALS Vial : 81 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B62DL

Manual Integrations APPROVED
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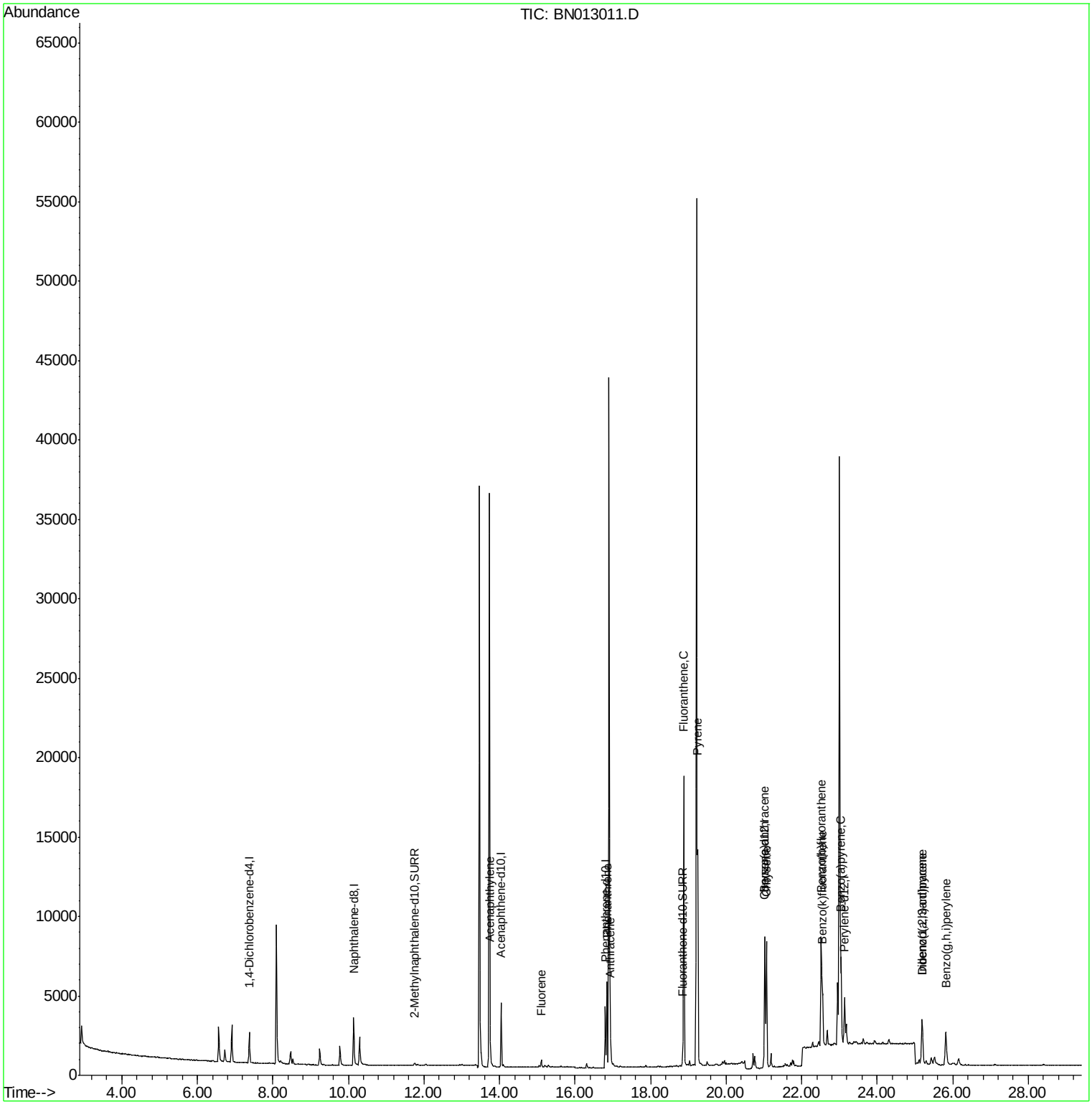

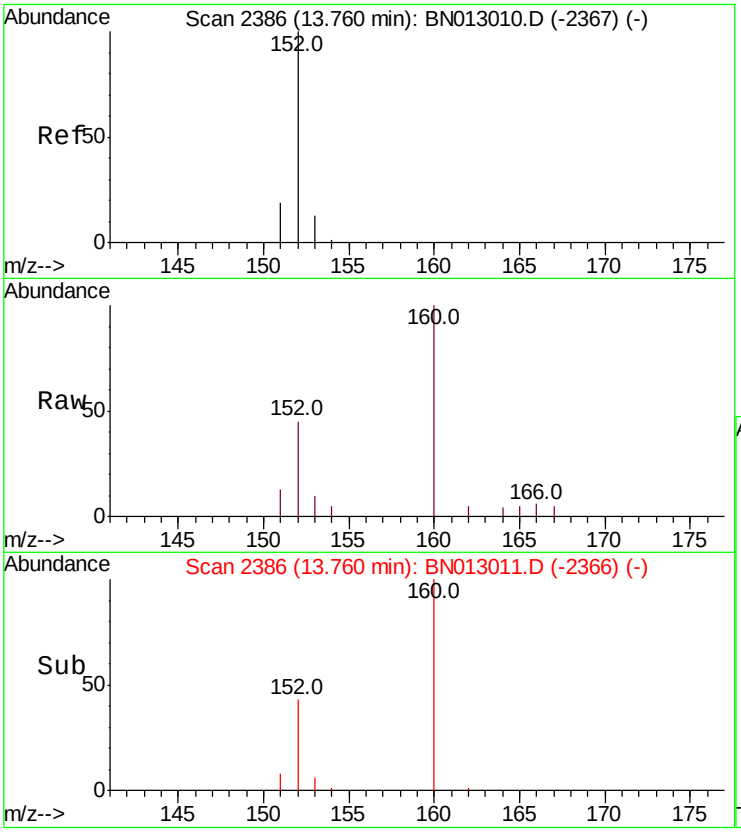

#7
Acenaphthylene
Concen: 0.072 ng/ul
RT: 13.76 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN013011.D
Acq: 09 Dec 2020 14:18

Tgt Ion:152 Resp: 748

Ion	Ratio	Lower	Upper
152	100		
151	27.6	18.2	27.4#
153	22.2	13.1	19.7#

Instrument :
BNA_N
ClientSampleId :
C0B62DL

Manual Integrations APPROVED
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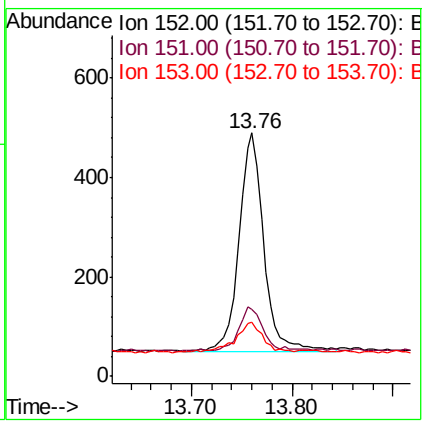
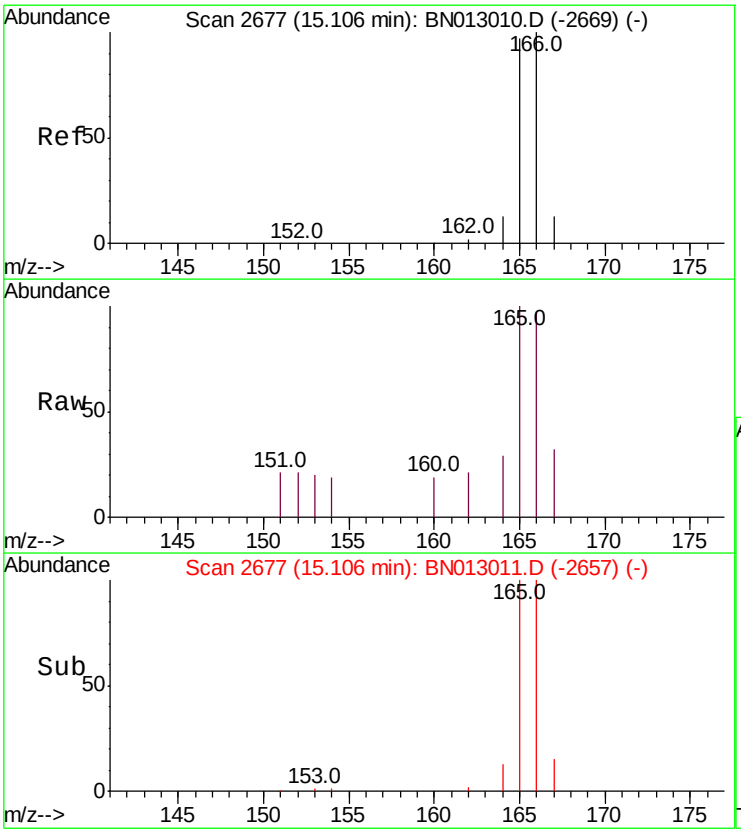
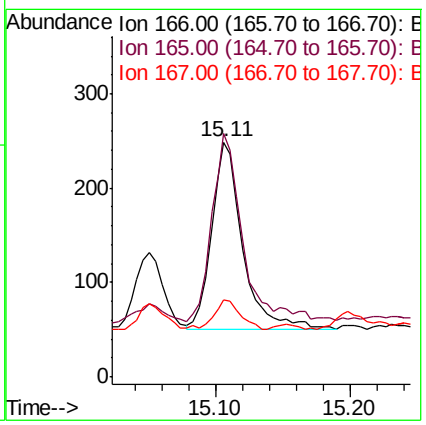


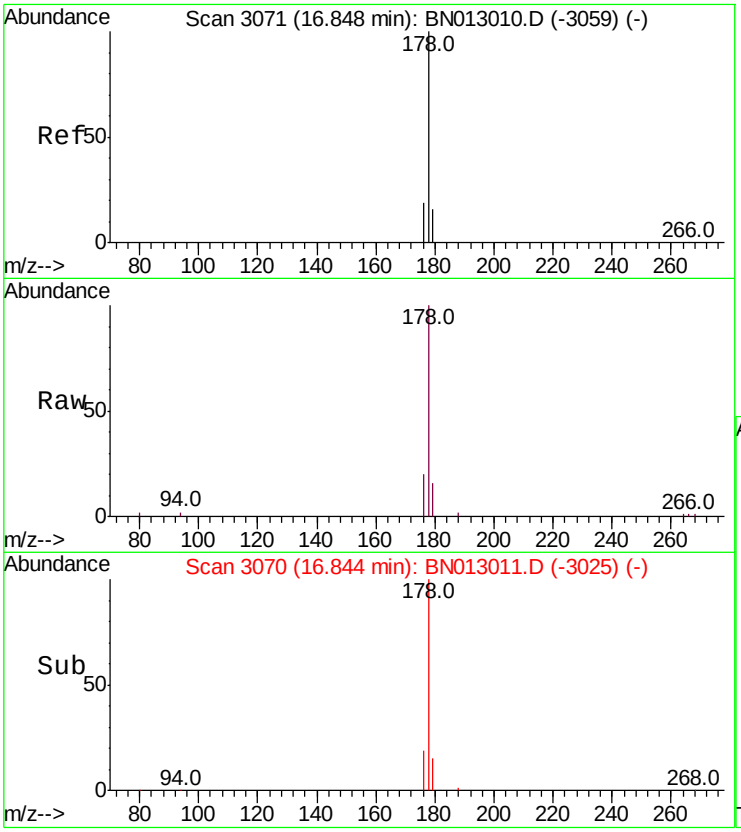


#9
Fluorene
Concen: 0.032 ng/ul
RT: 15.11 min Scan# 2677
Delta R.T. -0.01 min
Lab File: BN013011.D
Acq: 09 Dec 2020 14:18

Tgt Ion:166 Resp: 314

Ion	Ratio	Lower	Upper
166	100		
165	103.6	79.8	119.8
167	32.9	13.8	20.8#

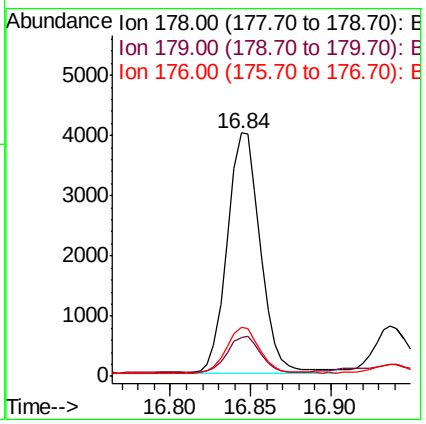




#12
Phenanthrene
Concen: 0.377 ng/ul
RT: 16.84 min Scan# 3070
Delta R.T. -0.01 min
Lab File: BN013011.D
Acq: 09 Dec 2020 14:18

Tgt Ion:178 Resp: 5706

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.6	20.4
176	20.3	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0B62DL

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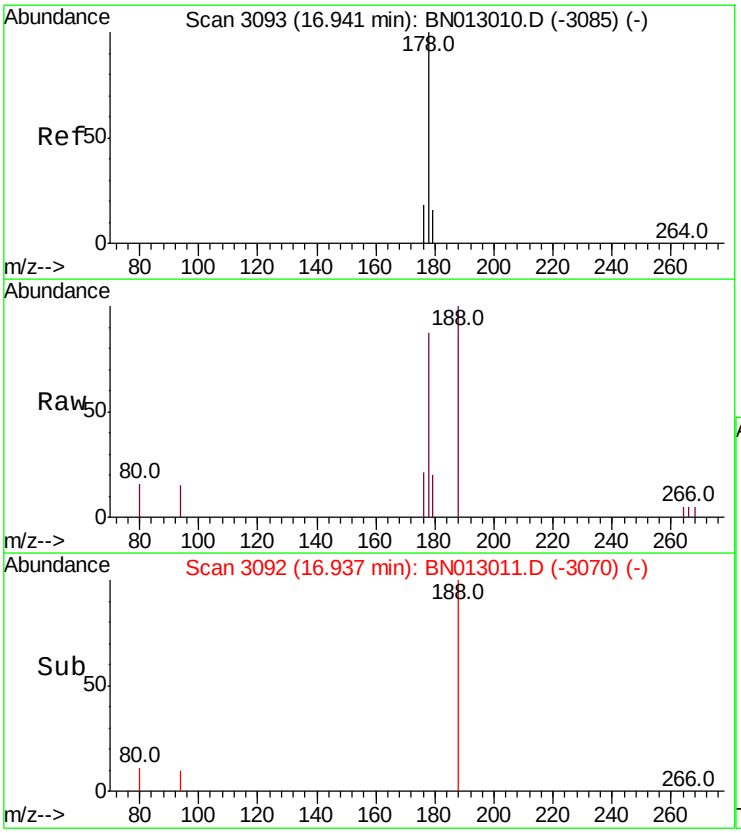
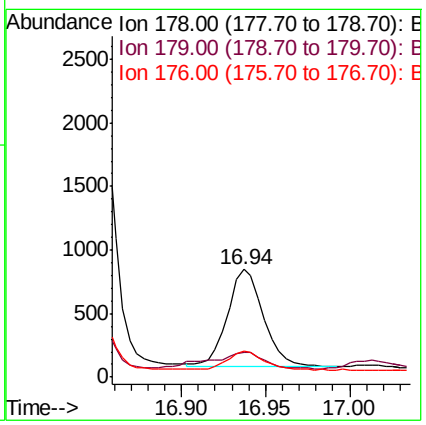
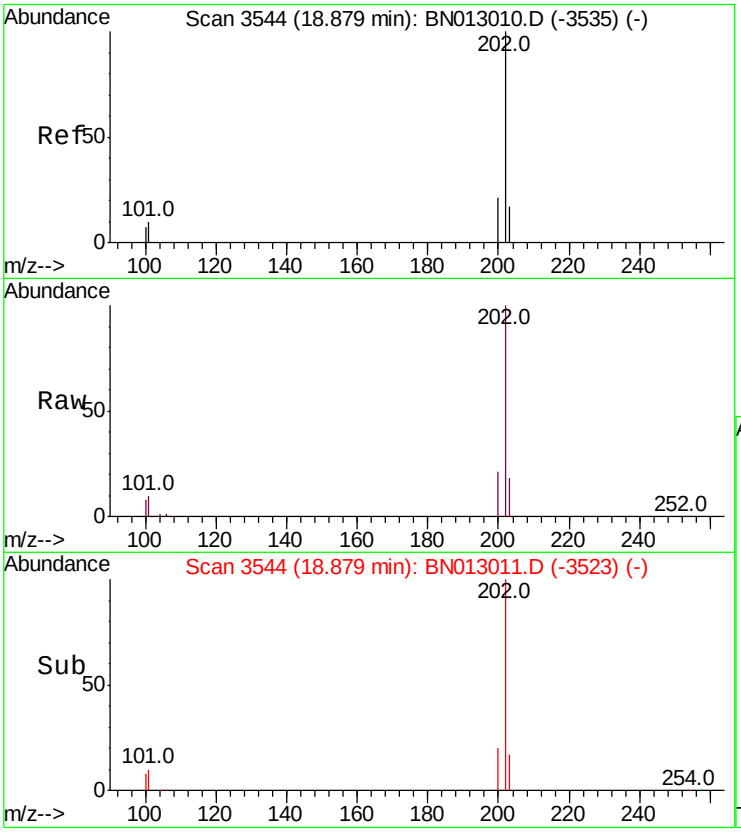


#13
Anthracene
Concen: 0.090 ng/ul
RT: 16.94 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN013011.D
Acq: 09 Dec 2020 14:18

Tgt Ion:178 Resp: 1156

Ion	Ratio	Lower	Upper
178	100		
179	23.2	14.6	21.8#
176	24.0	17.1	25.7

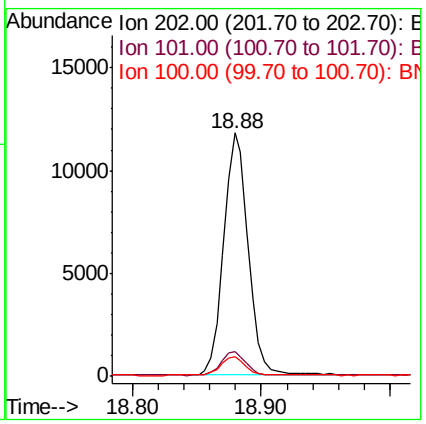




#15
Fluoranthene
Concen: 0.866 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN013011.D
Acq: 09 Dec 2020 14:18

Tgt Ion:202 Resp: 15589

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.6
100	8.1	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
C0B62DL

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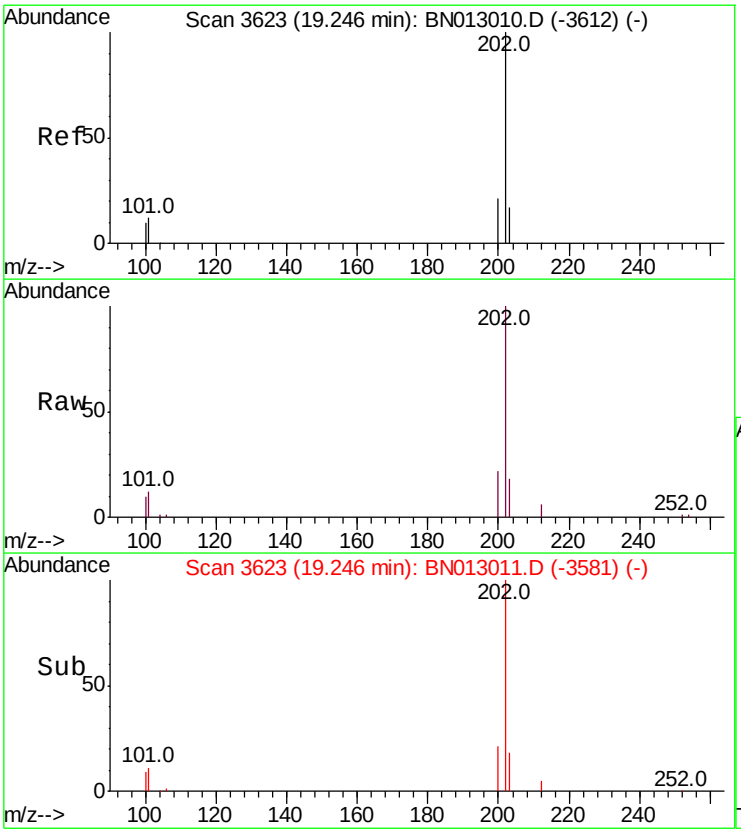
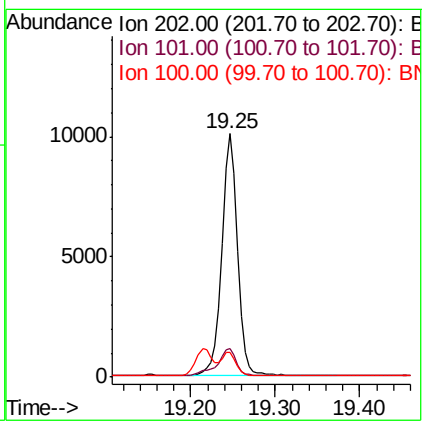
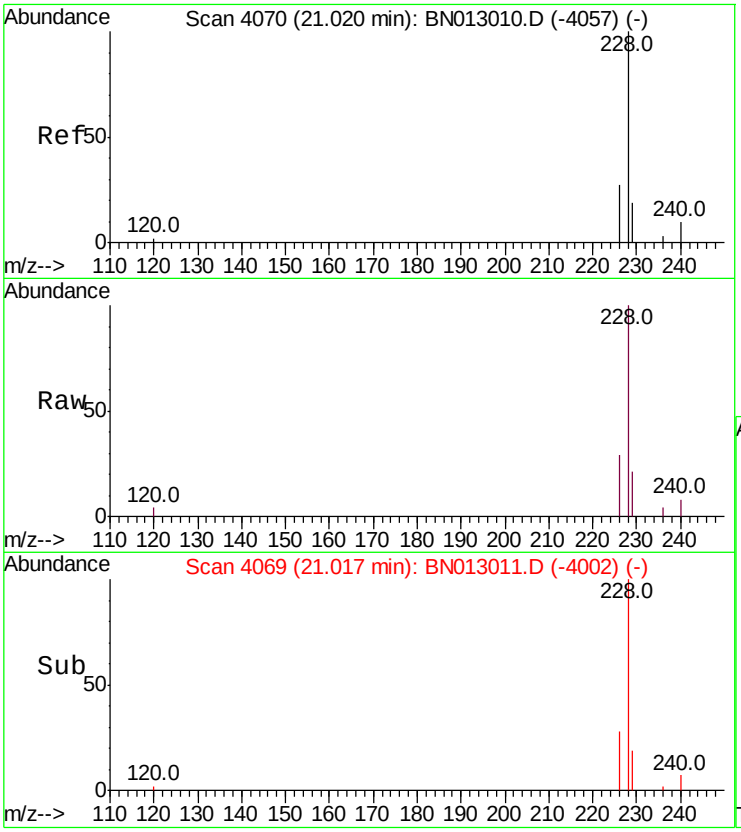


#17
Pyrene
Concen: 0.776 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN013011.D
Acq: 09 Dec 2020 14:18

Tgt Ion:202 Resp: 13246

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.1	13.7
100	9.9	7.5	11.3

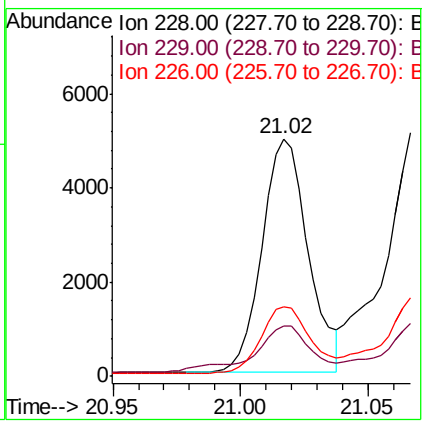




#18
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.00 min
Lab File: BN013011.D
Acq: 09 Dec 2020 14:18

Tgt Ion:228 Resp: 6251

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.3	24.5
226	29.4	23.4	35.2



Instrument :
BNA_N
ClientSampleId :
C0B62DL

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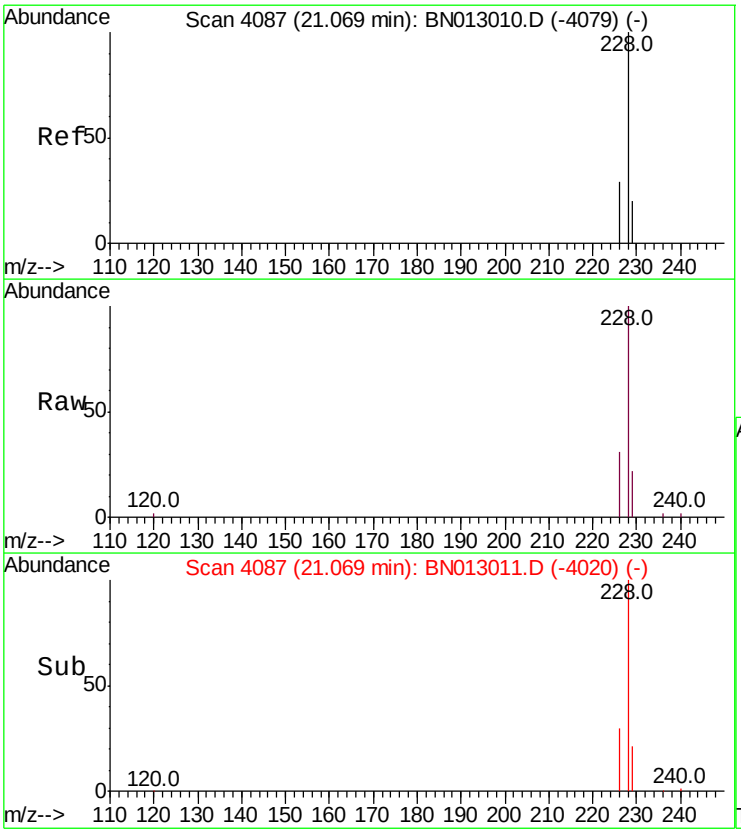
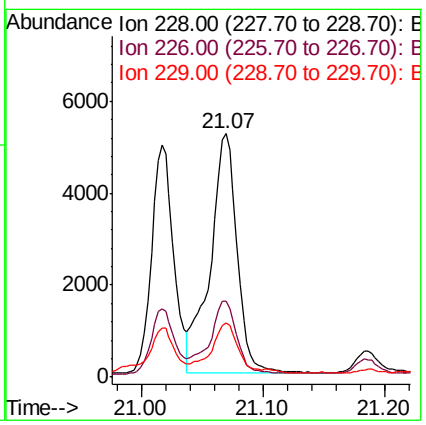
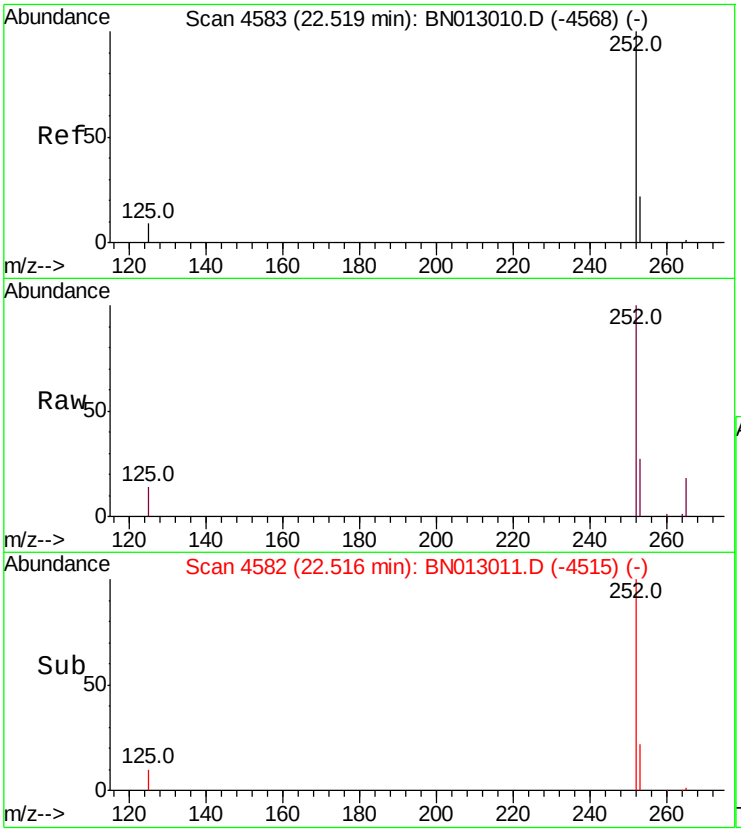


#19
Chrysene
Concen: 0.488 ng/ul
RT: 21.07 min Scan# 4087
Delta R.T. -0.00 min
Lab File: BN013011.D
Acq: 09 Dec 2020 14:18

Tgt Ion:228 Resp: 8057

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.3	16.4	24.6

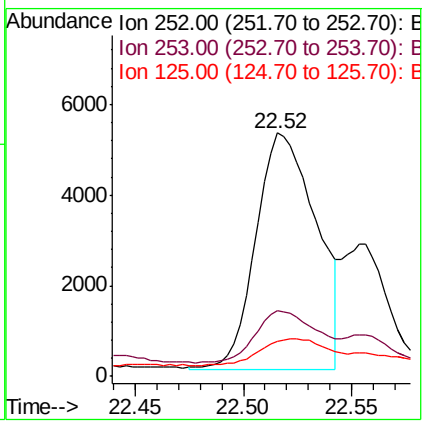




#21
Benzo(b)fluoranthene
Concen: 0.638 ng/ul m
RT: 22.52 min Scan# 4582
Delta R.T. -0.00 min
Lab File: BN013011.D
Acq: 09 Dec 2020 14:18

Tgt Ion:252 Resp: 10153

Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	59.6
125	14.4	0.0	26.0



Instrument :
BNA_N
ClientSampleId :
C0B62DL

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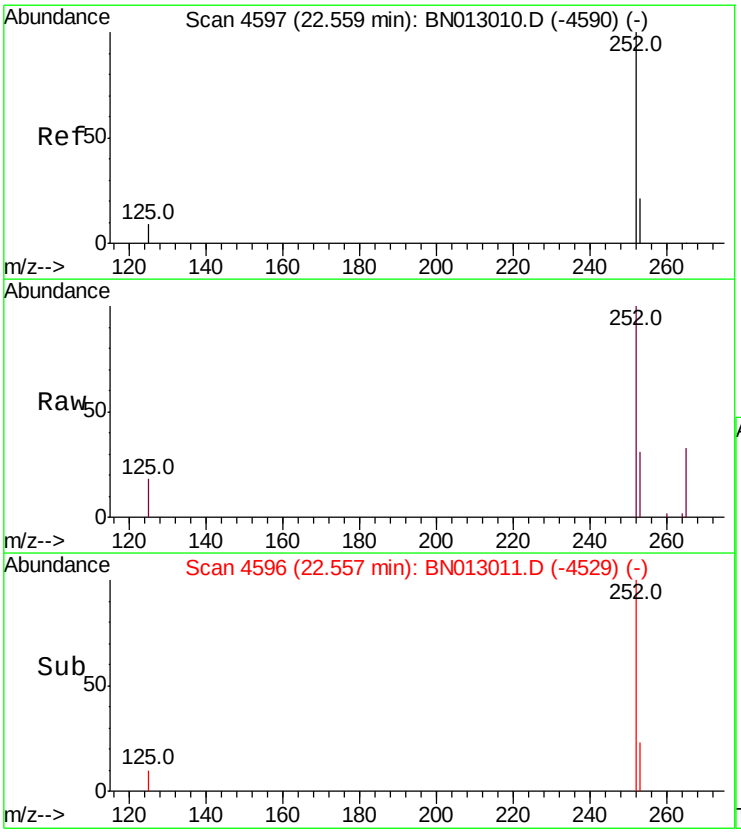
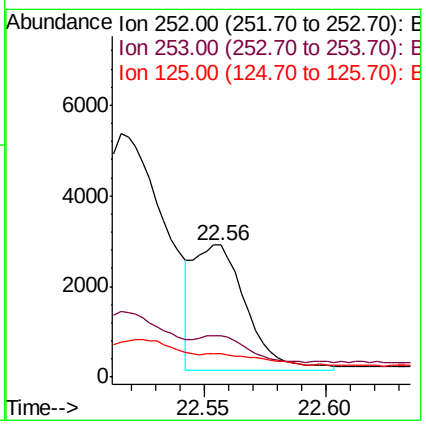
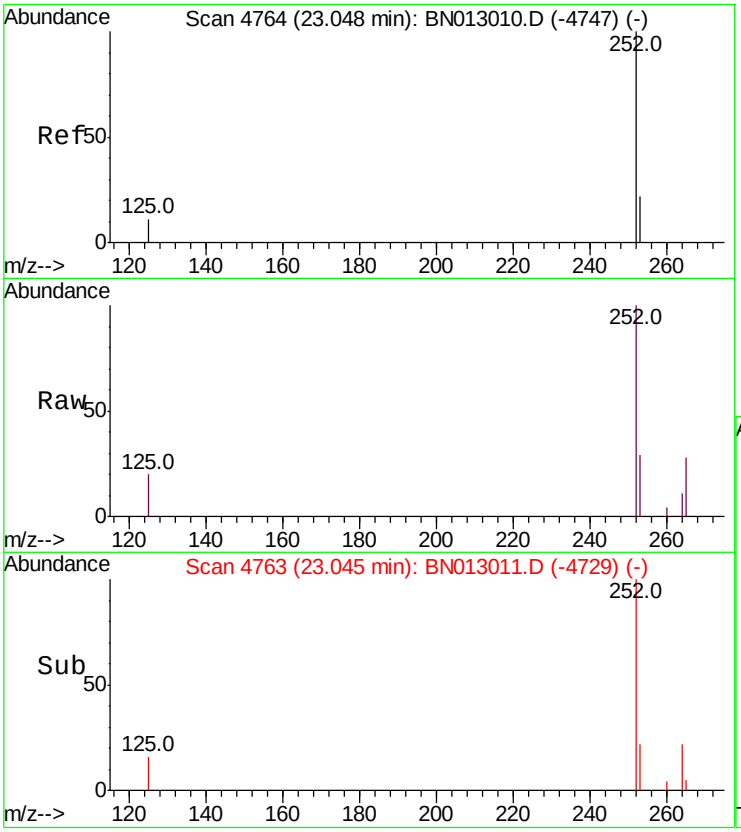


#22
Benzo(k)fluoranthene
Concen: 0.236 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BN013011.D
Acq: 09 Dec 2020 14:18

Tgt Ion:252 Resp: 4154

Ion	Ratio	Lower	Upper
252	100		
253	31.3	23.4	35.2
125	17.6	11.1	16.7#

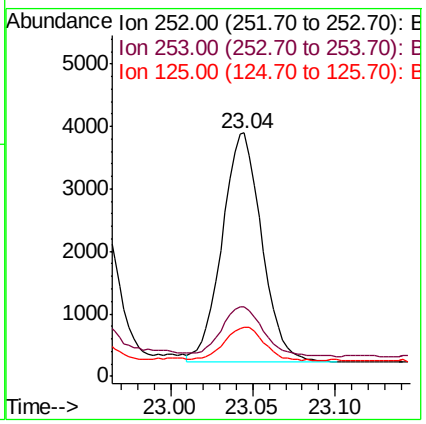




#23
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.04 min Scan# 4763
Delta R.T. 0.00 min
Lab File: BN013011.D
Acq: 09 Dec 2020 14:18

Tgt Ion:252 Resp: 6159

Ion	Ratio	Lower	Upper
252	100		
253	28.6	26.5	39.7
125	20.3	14.2	21.2



Instrument :
BNA_N
ClientSampleId :
C0B62DL

Manual Integrations APPROVED
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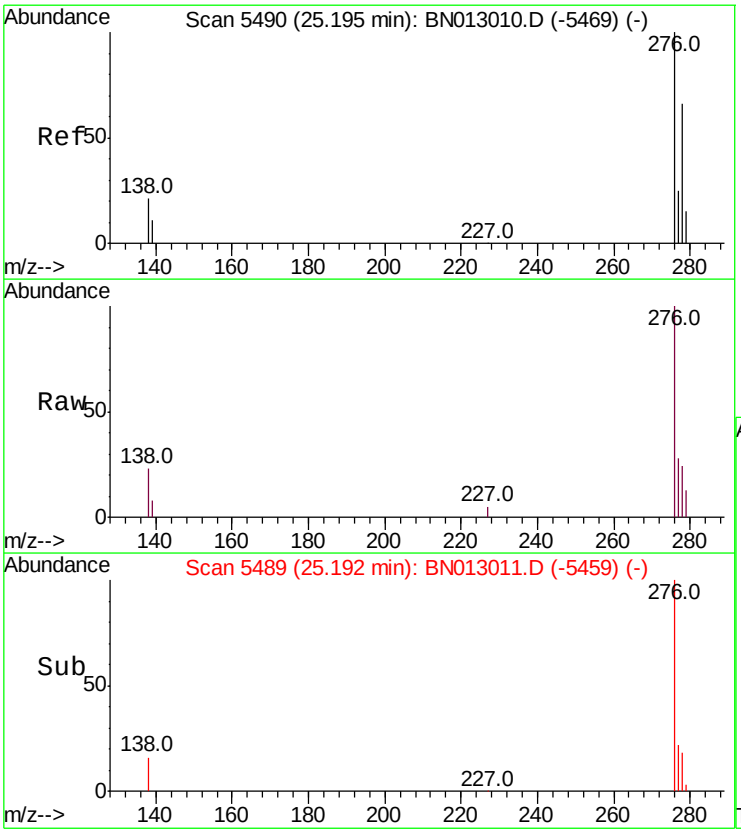
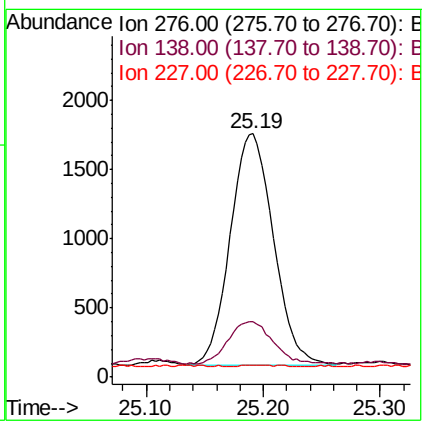
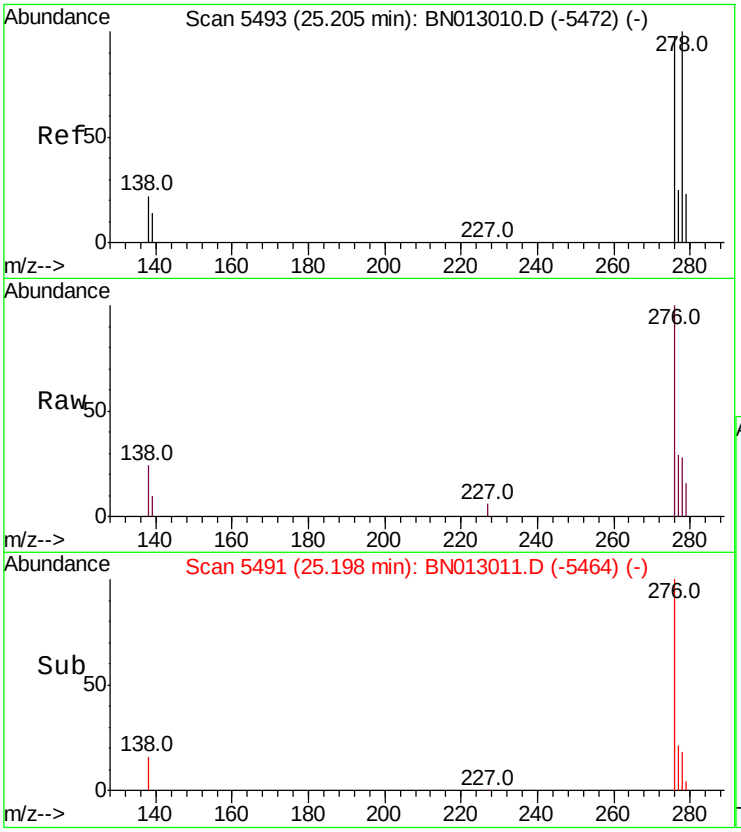


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. 0.00 min
Lab File: BN013011.D
Acq: 09 Dec 2020 14:18

Tgt Ion:276 Resp: 4286

Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.2	24.2
227	0.2	0.0	0.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.01 min
Lab File: BN013011.D
Acq: 09 Dec 2020 14:18

Tgt Ion:278 Resp: 1075

Ion	Ratio	Lower	Upper
278	100		
139	35.0	14.5	21.7#
279	57.8	26.3	39.5#

Instrument :
BNA_N
ClientSampleId :
C0B62DL

Manual Integrations APPROVED
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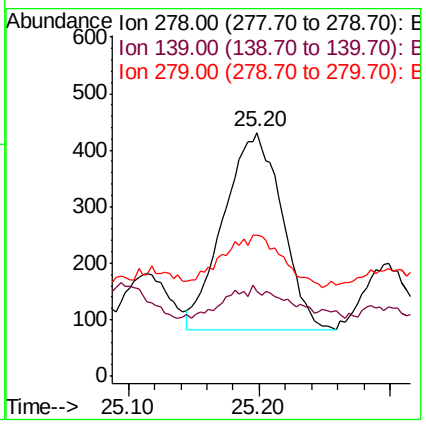

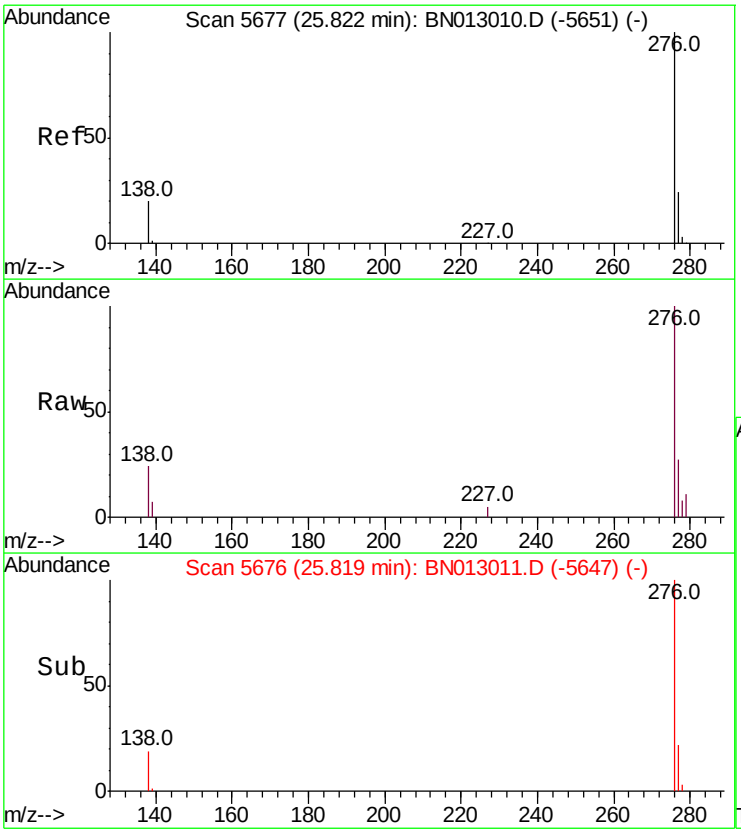

#26
Benzo(g,h,i)perylene
Concen: 0.233 ng/ul
RT: 25.82 min Scan# 5676
Delta R.T. -0.00 min
Lab File: BN013011.D
Acq: 09 Dec 2020 14:18

Tgt Ion:276 Resp: 4086

Ion	Ratio	Lower	Upper
276	100		
138	23.9	16.3	24.5
277	27.3	21.8	32.6