Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013004.D
Acq On : 09 Dec 2020 09:38
Operator : CG/JU
Sample : L4942-01DL 10X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B60DL

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Quant Time: Dec 09 10:26:06 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	1265	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	5106	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2770	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5602	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4088	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3675	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	114	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	234	0.02	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.76	152	463	0.035	ng/ul#	68
8) Acenaphthene	14.11	153	509	0.047	ng/ul	97
9) Fluorene	15.11	166	397	0.032	ng/ul#	95
12) Phenanthrene	16.85	178	4928	0.262	ng/ul	99
13) Anthracene	16.94	178	857	0.054	ng/ul#	87
15) Fluoranthene	18.88	202	15637	0.701	ng/ul	99
17) Pyrene	19.25	202	13871	0.718	ng/ul	98
18) Benzo(a)anthracene	21.01	228	6484	0.383	ng/ul	99
19) Chrysene	21.07	228	7291	0.390	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	8847m	0.520	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	3339m	0.178	ng/ul	
23) Benzo(a)pyrene	23.04	252	5528	0.350	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.19	276	3616	0.174	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	827	0.050	ng/ul#	27
26) Benzo(g,h,i)perylene	25.82	276	3169	0.169	ng/ul#	87

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013004.D
Acq On : 09 Dec 2020 09:38
Operator : CG/JU
Sample : L4942-01DL 10X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Dec 09 10:26:06 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

Instrument :
BNA_N
ClientSampleId :
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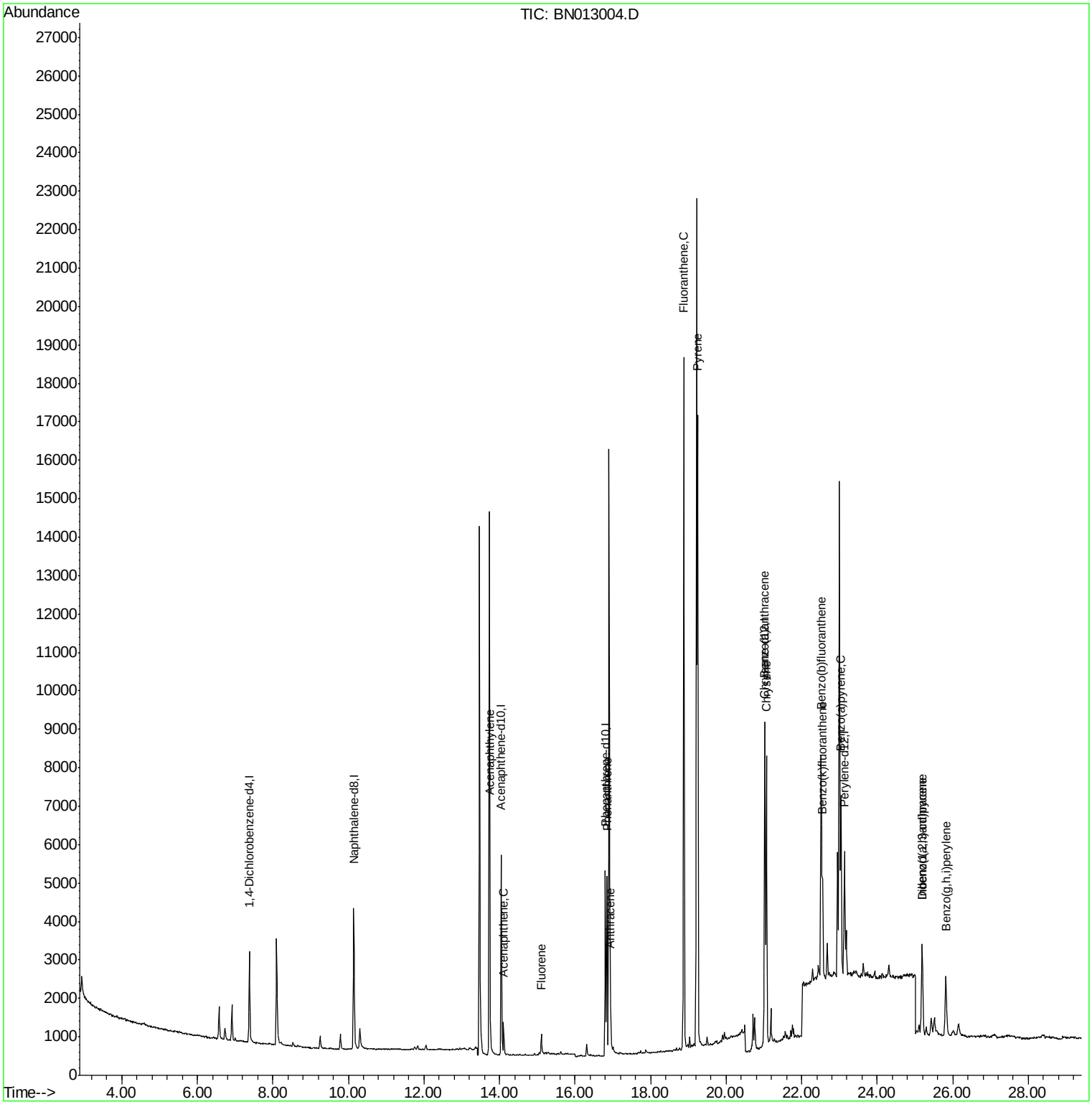
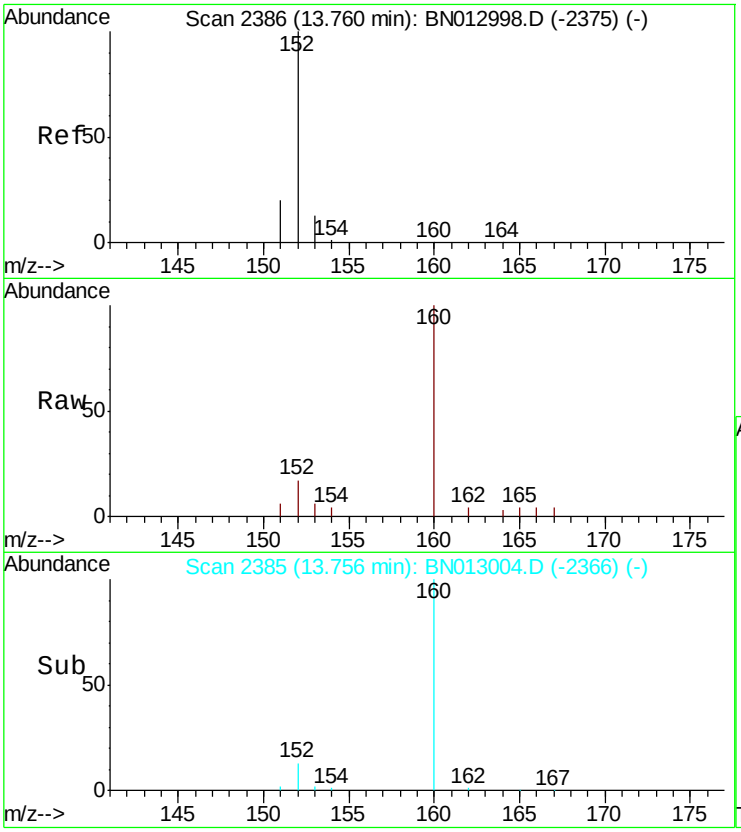
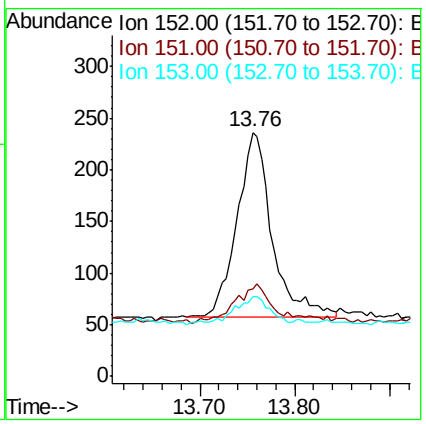




#7
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.76 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:152 Resp: 463

Ion	Ratio	Lower	Upper
152	100		
151	36.0	18.2	27.4#
153	32.6	13.1	19.7#



Instrument :
BNA_N
ClientSampleId :
C0B60DL

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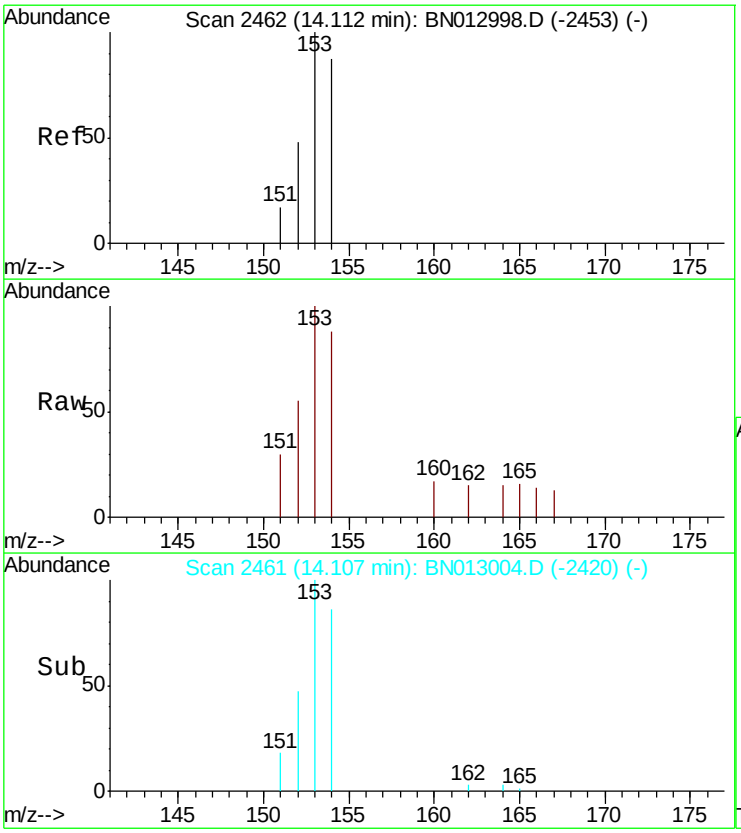
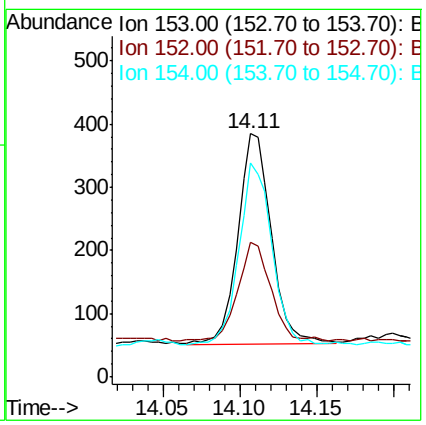
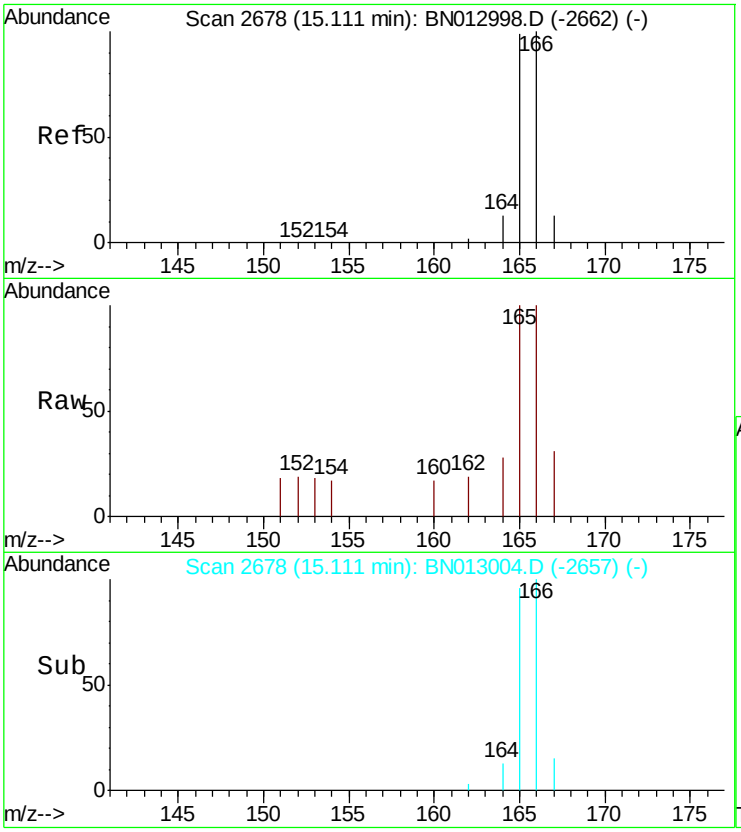


#8
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.11 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:153 Resp: 509

Ion	Ratio	Lower	Upper
153	100		
152	55.3	40.7	61.1
154	87.8	70.8	106.2

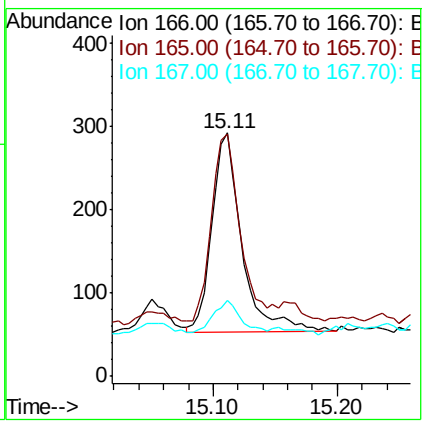




#9
Fluorene
Concen: 0.032 ng/ul
RT: 15.11 min Scan# 2678
Delta R.T. -0.00 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:166 Resp: 397

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	31.2	13.8	20.8#



Instrument :
BNA_N
ClientSampleId :
C0B60DL

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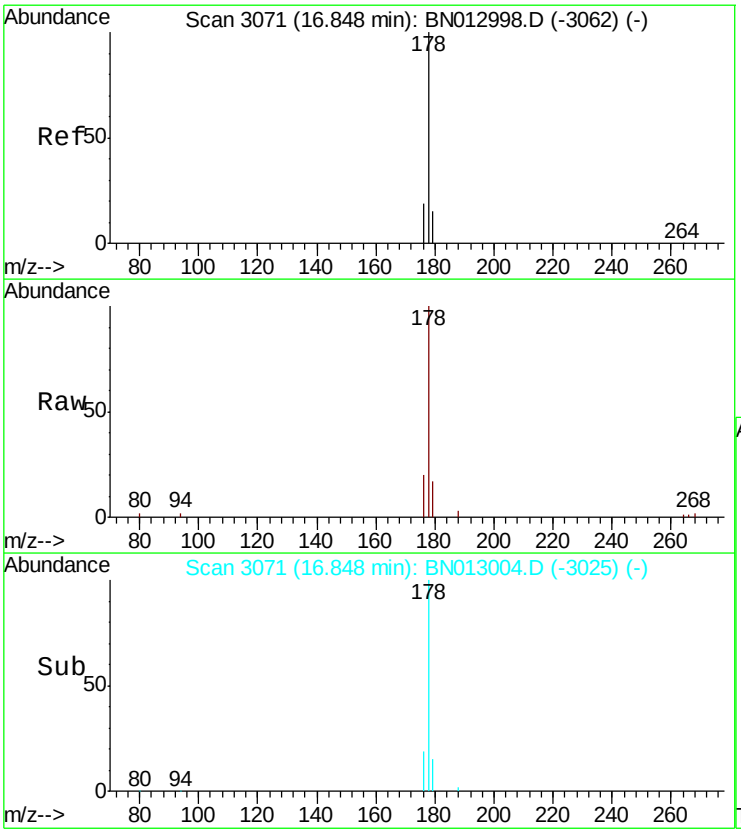
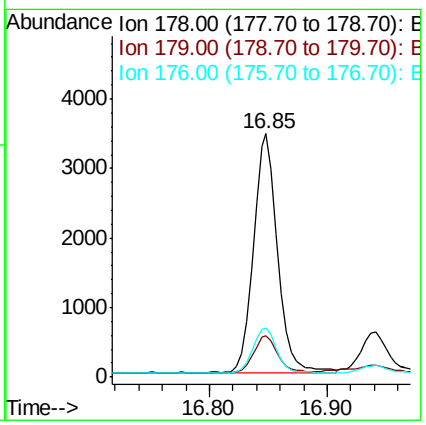
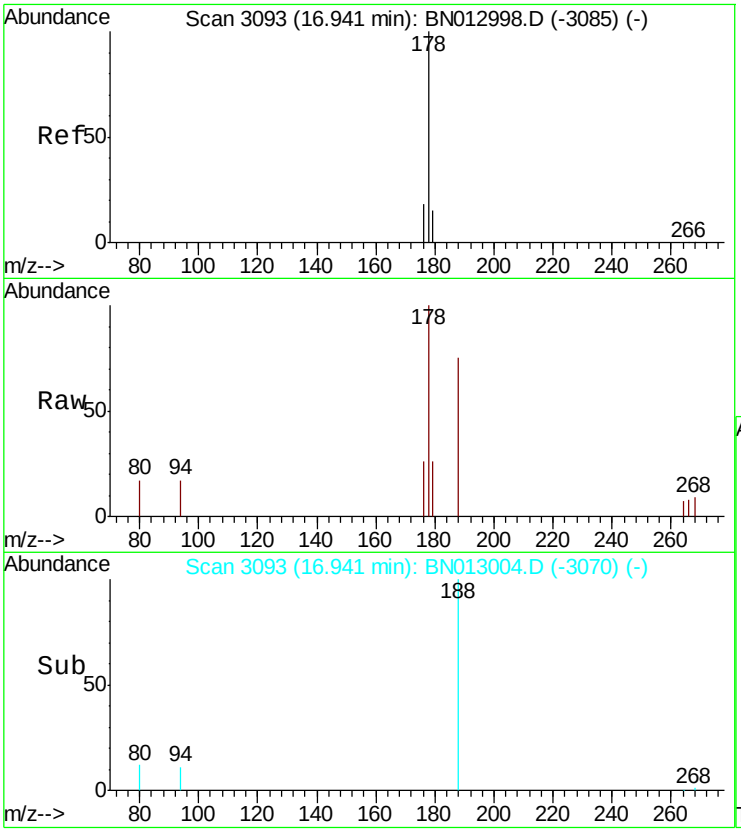


#12
Phenanthrene
Concen: 0.262 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:178 Resp: 4928

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.6	20.4
176	20.0	16.4	24.6

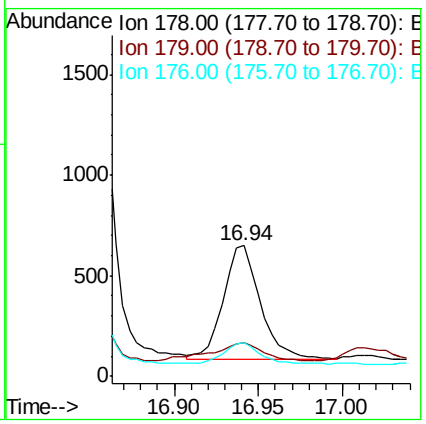




#13
Anthracene
Concen: 0.054 ng/ul
RT: 16.94 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:178 Resp: 857

Ion	Ratio	Lower	Upper
178	100		
179	25.8	14.6	21.8#
176	26.2	17.1	25.7#



Instrument :
BNA_N
ClientSampleId :
C0B60DL

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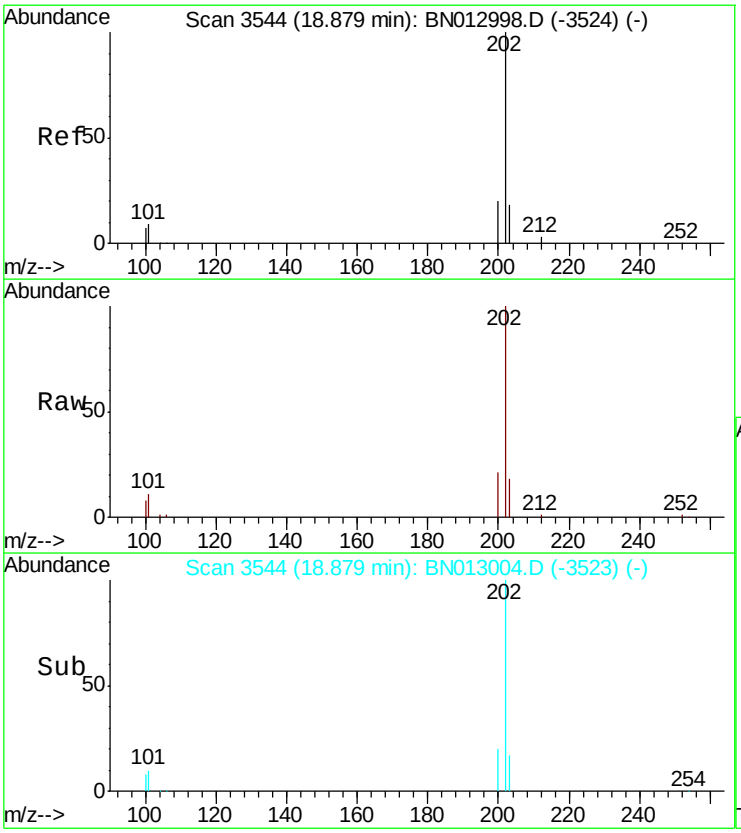
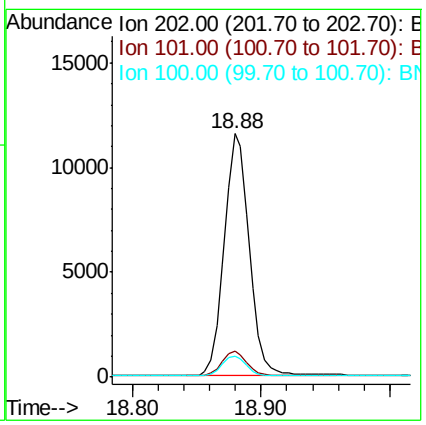
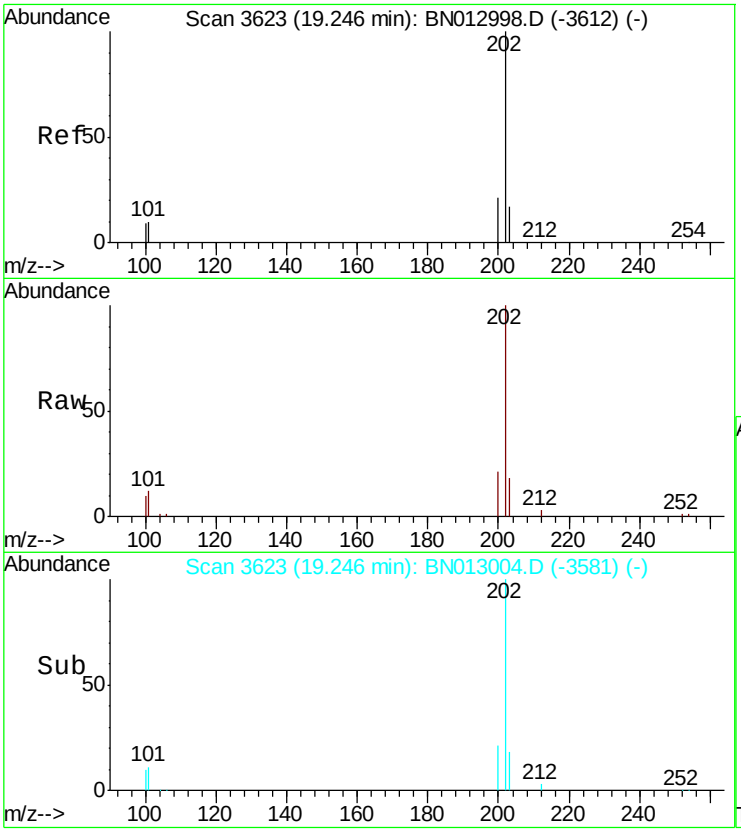


#15
Fluoranthene
Concen: 0.701 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:202 Resp: 15637

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.6
100	8.4	0.0	28.7





#17
Pyrene
Concen: 0.718 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:202 Resp: 13871

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.1	13.7
100	10.1	7.5	11.3

Instrument :
BNA_N
ClientSampleId :
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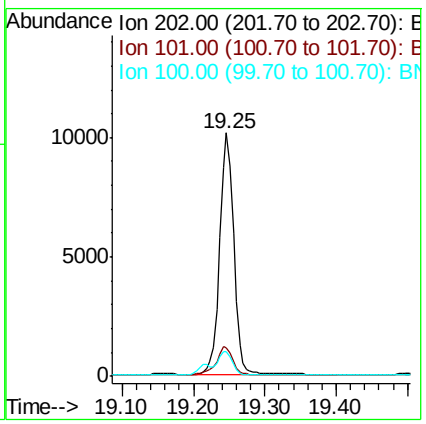
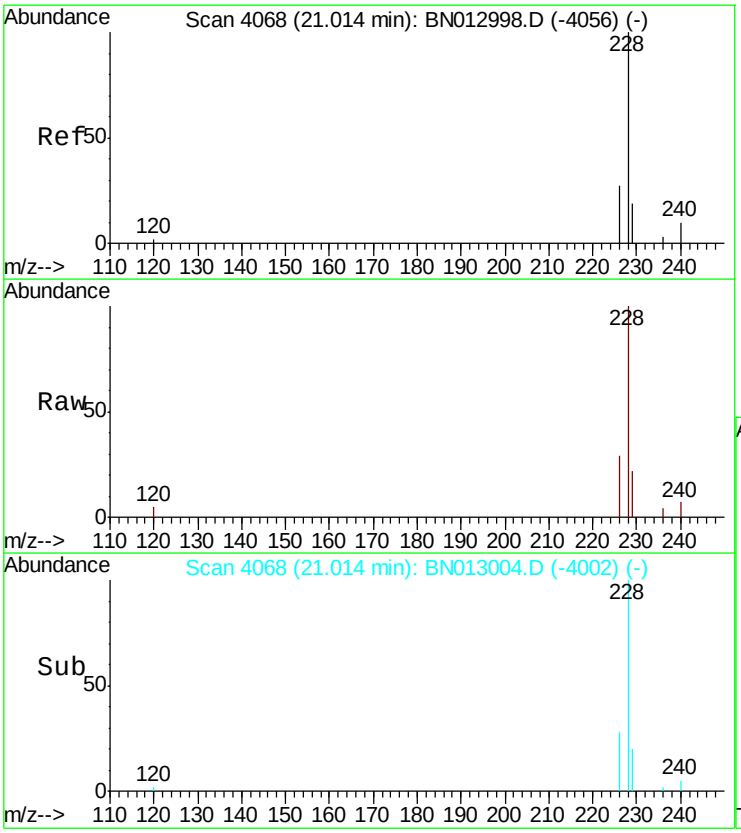
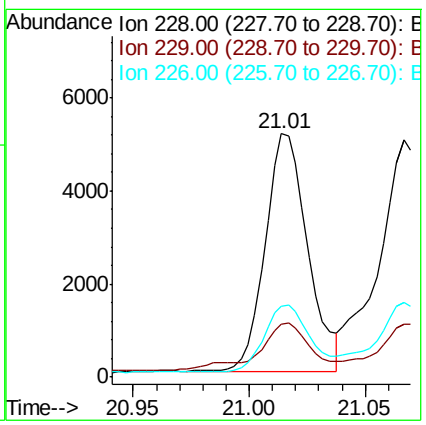


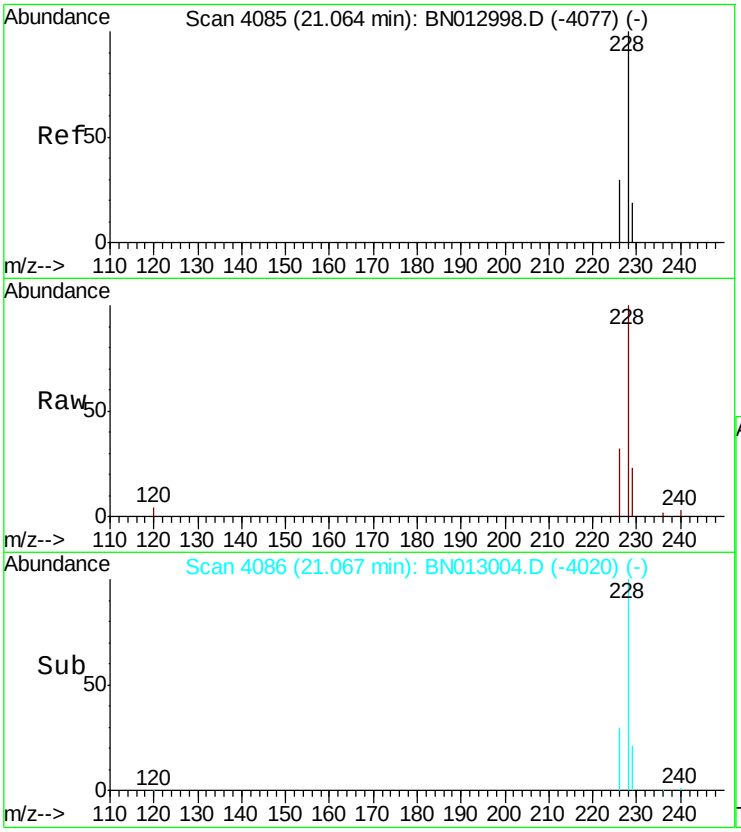


#18
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.01 min Scan# 4068
Delta R.T. -0.01 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:228 Resp: 6484

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.3	24.5
226	29.3	23.4	35.2

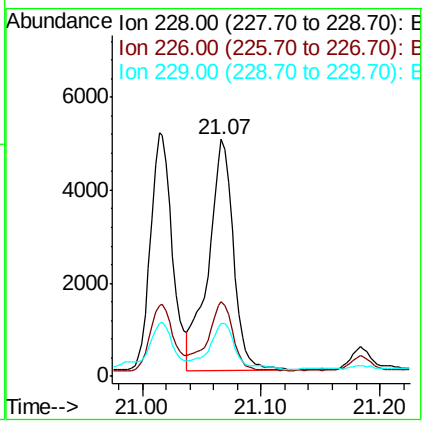




#19
Chrysene
Concen: 0.390 ng/ul
RT: 21.07 min Scan# 4086
Delta R.T. -0.01 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:228 Resp: 7291

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	22.5	16.4	24.6



Instrument :
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ClientSampleId :
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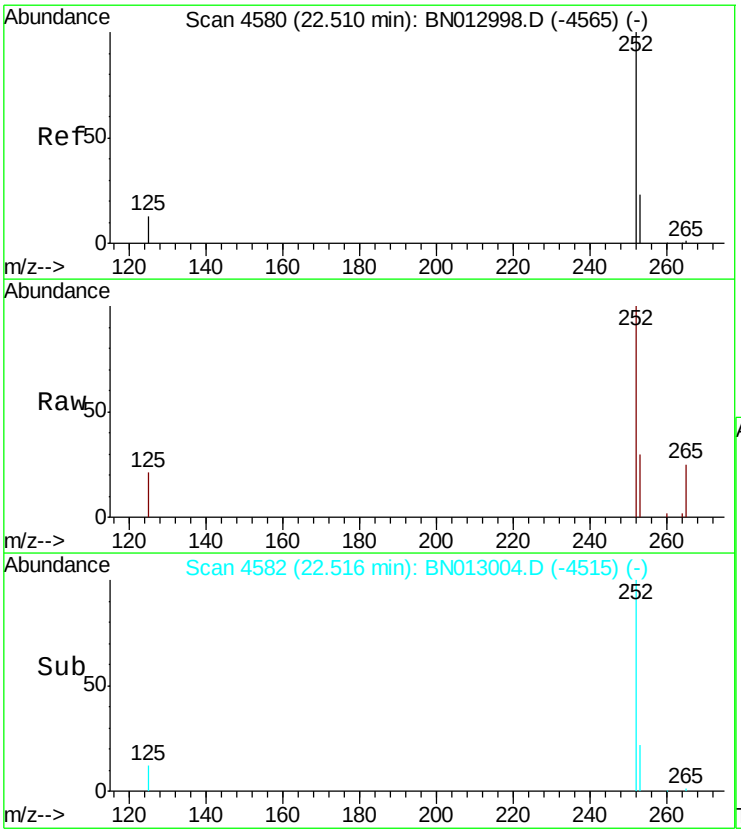
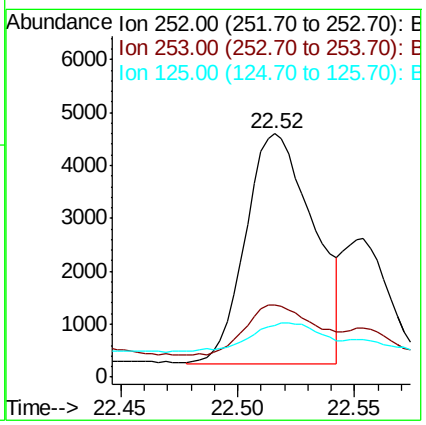
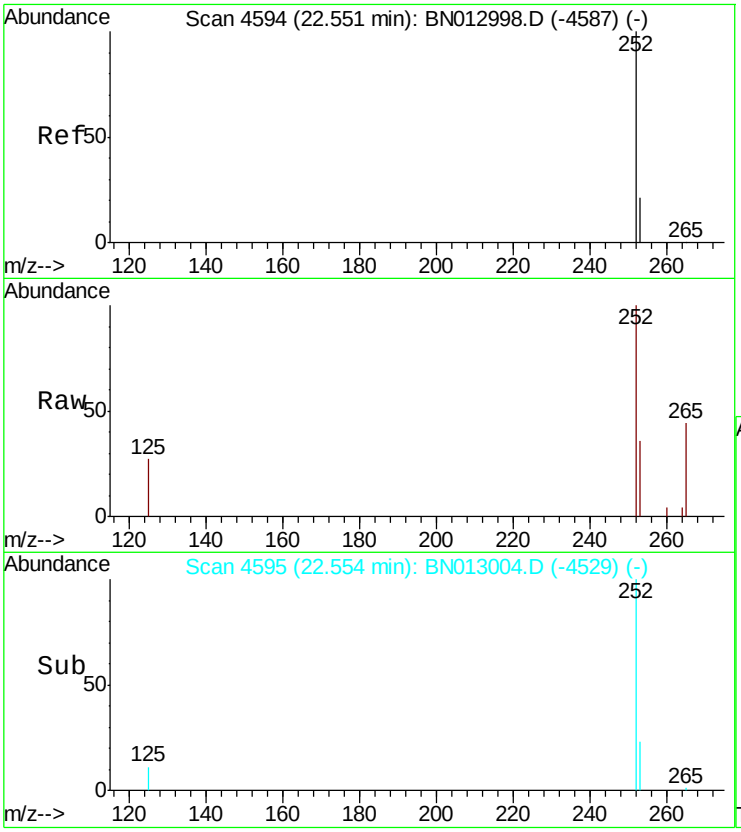


#21
Benzo(b)fluoranthene
Concen: 0.520 ng/ul m
RT: 22.52 min Scan# 4582
Delta R.T. -0.00 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:252 Resp: 8847

Ion	Ratio	Lower	Upper
252	100		
253	29.7	0.0	59.6
125	21.2	0.0	26.0





#22
Benzo(k)fluoranthene
Concen: 0.178 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:252 Resp: 3339

Ion	Ratio	Lower	Upper
252	100		
253	35.8	23.4	35.2#
125	26.9	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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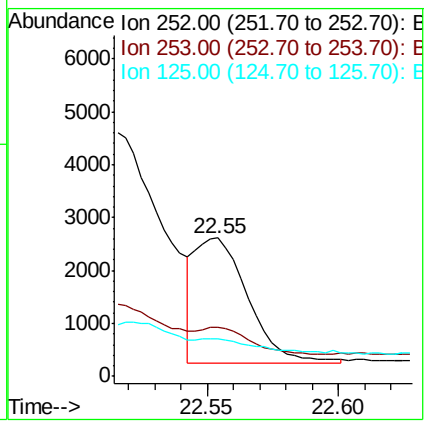
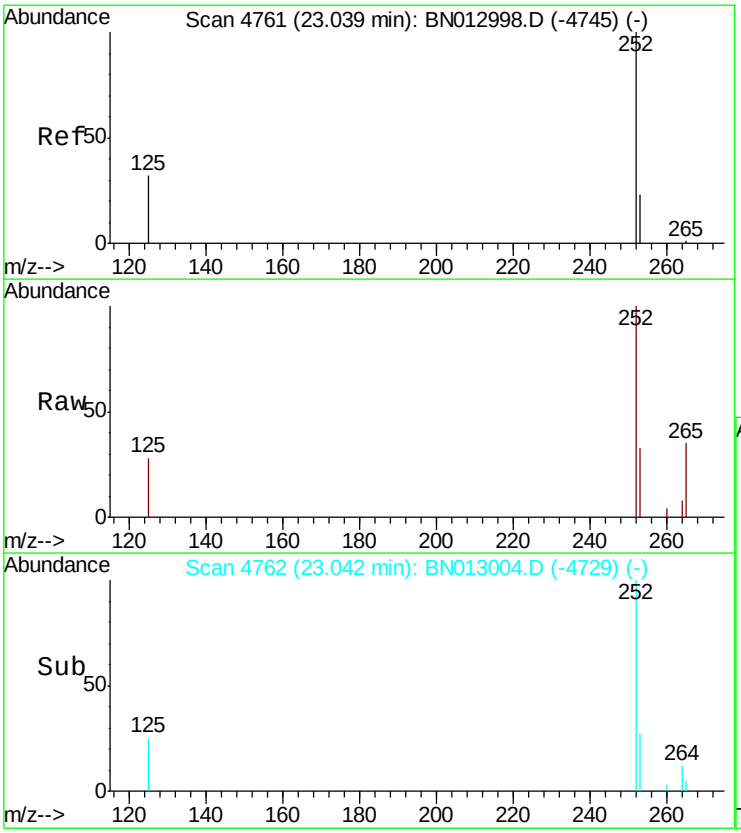
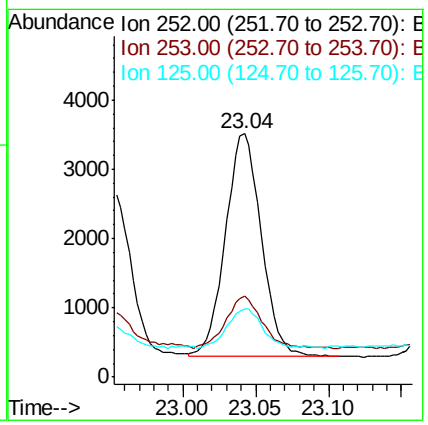


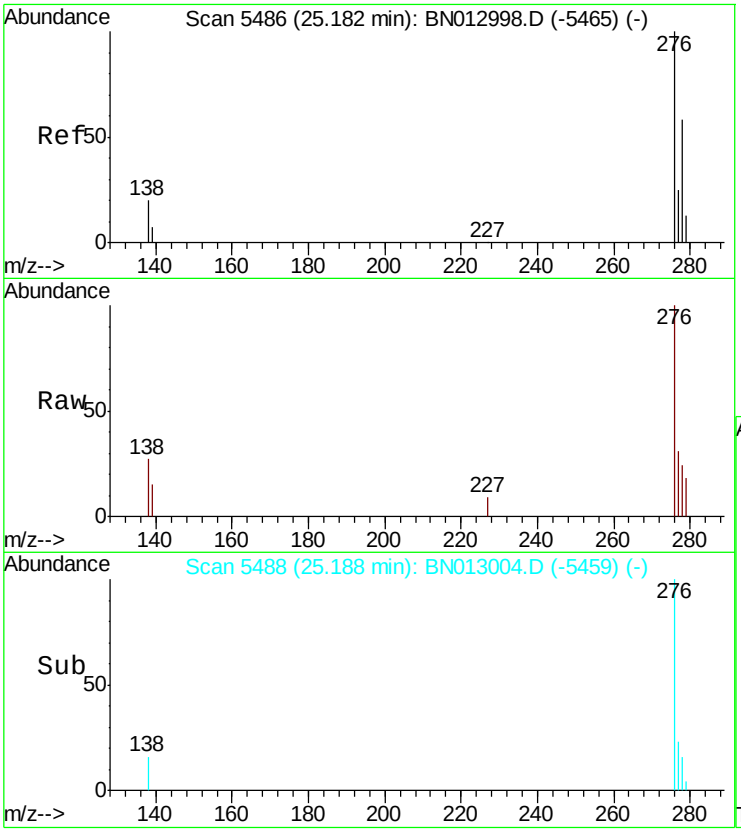


#23
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.04 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:252 Resp: 5528

Ion	Ratio	Lower	Upper
252	100		
253	33.3	26.5	39.7
125	28.3	14.2	21.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.174 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:276 Resp: 3616

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.2	24.2
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
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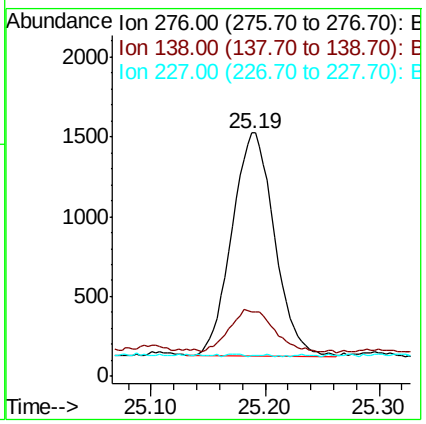
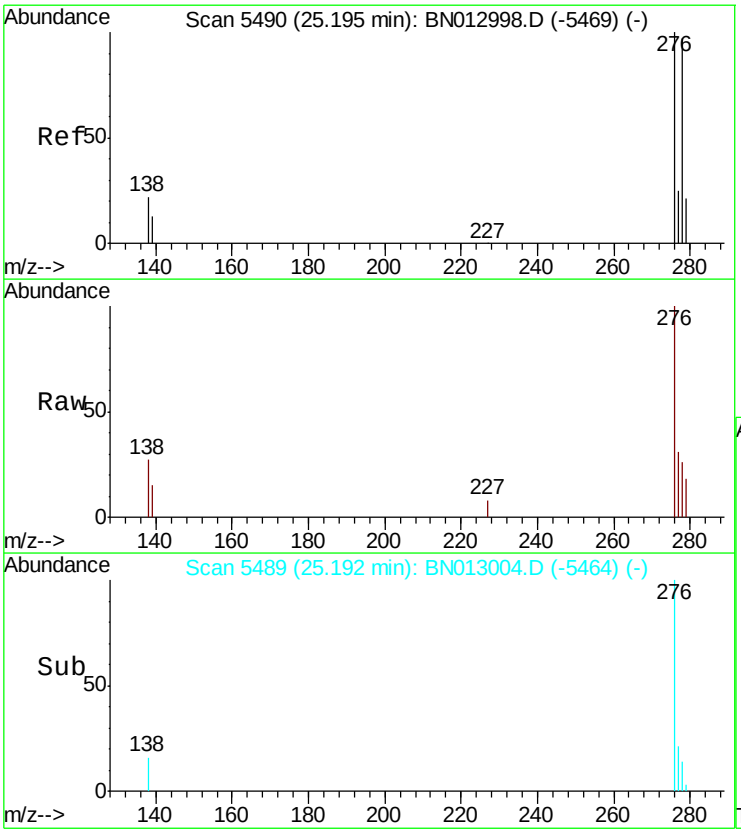
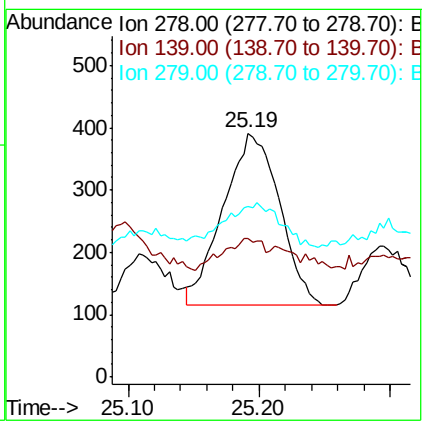


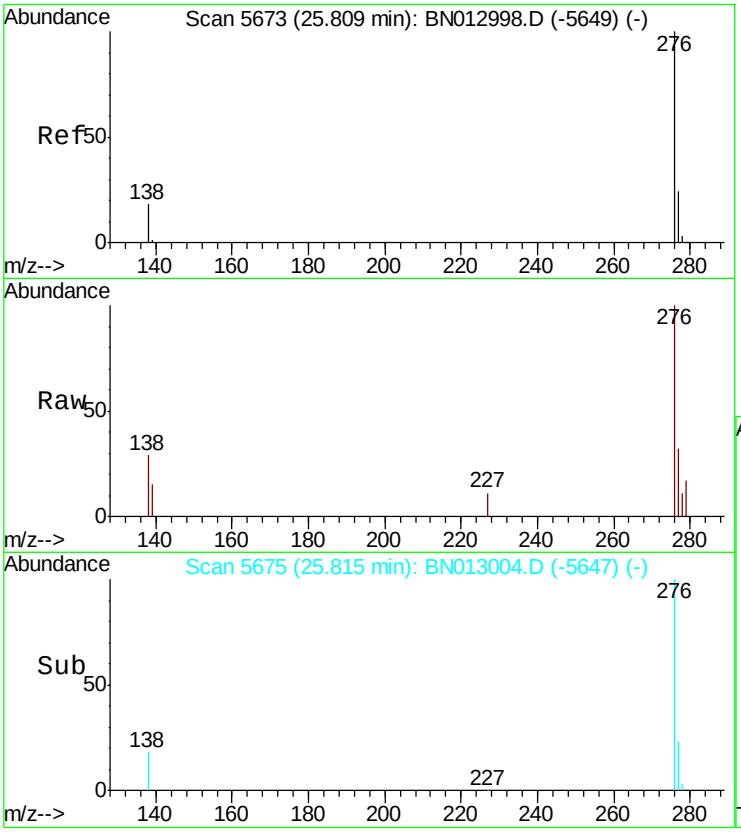


#25
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. -0.02 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:278 Resp: 827

Ion	Ratio	Lower	Upper
278	100		
139	57.0	14.5	21.7#
279	69.8	26.3	39.5#

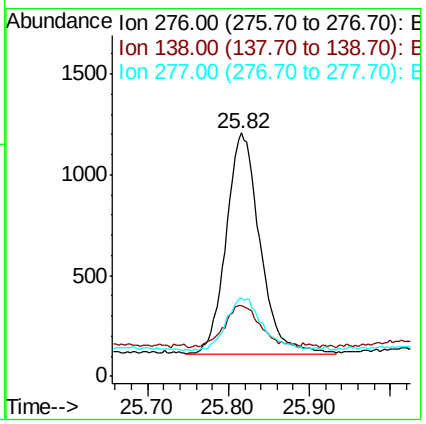




#26
Benzo(g,h,i)perylene
Concen: 0.169 ng/ul
RT: 25.82 min Scan# 5675
Delta R.T. -0.01 min
Lab File: BN013004.D
Acq: 09 Dec 2020 09:38

Tgt Ion:276 Resp: 3169

Ion	Ratio	Lower	Upper
276	100		
138	28.9	16.3	24.5#
277	32.2	21.8	32.6



Instrument :
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ClientSampleId :
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