Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
Data File : BN008394.D
Acq On : 24 Oct 2019 19:01
Operator : JU
Sample : K5235-06DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 24 19:35:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPC4DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1486	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	7262	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	4736	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	9640	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	8211	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	6477	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	237	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	809	0.02	ng/ul	-0.02
Target Compounds						Qvalue
7) Acenaphthylene	13.93	152	1111	0.049	ng/ul#	84
8) Acenaphthene	14.27	153	397	0.023	ng/ul#	93
9) Fluorene	15.27	166	637	0.032	ng/ul#	88
12) Phenanthrene	17.00	178	11831	0.419	ng/ul	100
13) Anthracene	17.09	178	3948	0.159	ng/ul	96
15) Fluoranthene	19.03	202	30568	0.820	ng/ul	98
17) Pyrene	19.39	202	34303	1.049	ng/ul	98
18) Benzo(a)anthracene	21.15	228	18705	0.627	ng/ul	96
19) Chrysene	21.20	228	19398	0.529	ng/ul	99
21) Benzo(b)fluoranthene	22.69	252	17959m	0.852	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	9552m	0.400	ng/ul	
23) Benzo(a)pyrene	23.24	252	13734	0.619	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.48	276	9769	0.374	ng/ul	98
25) Dibenzo(a,h)anthracene	25.49	278	3859	0.187	ng/ul#	88
26) Benzo(g,h,i)perylene	26.13	276	9723	0.406	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
Data File : BN008394.D
Acq On : 24 Oct 2019 19:01
Operator : JU
Sample : K5235-06DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 24 19:35:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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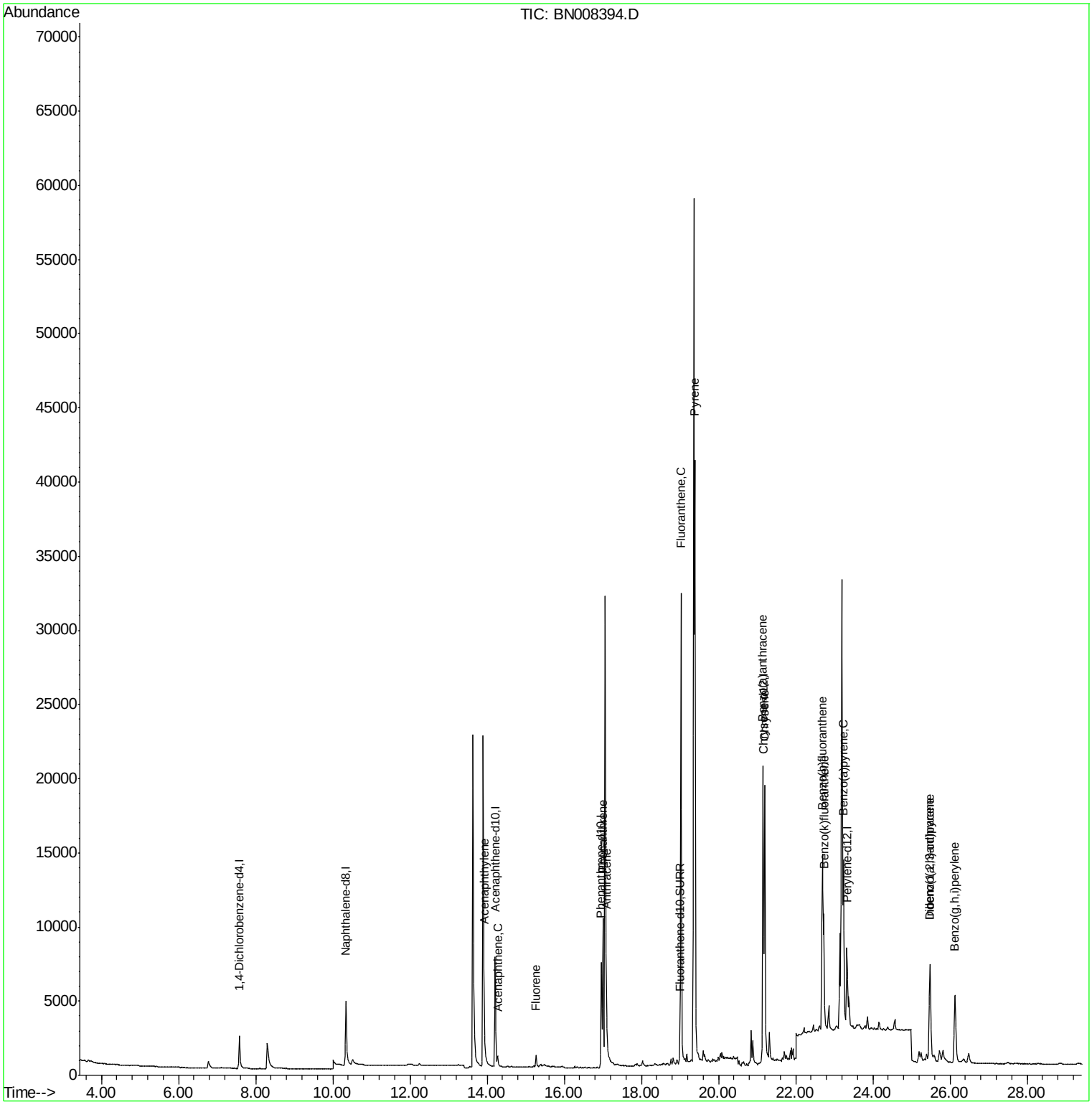
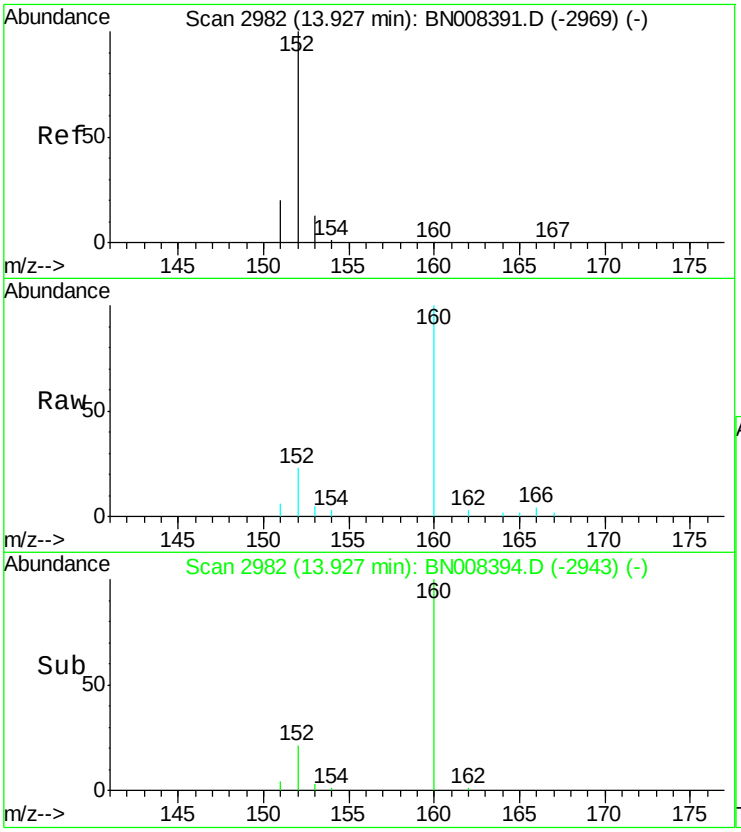
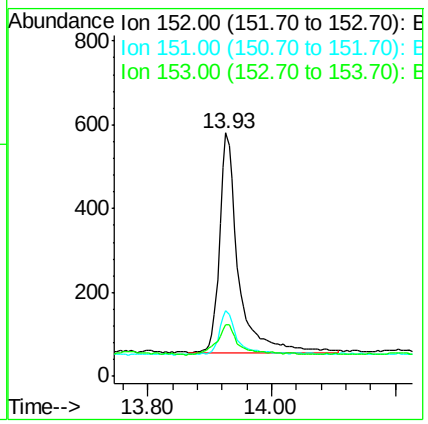




#7
Acenaphthylene
Concen: 0.049 ng/ul
RT: 13.93 min Scan# 2982
Delta R.T. -0.02 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:152 Resp: 1111

Ion	Ratio	Lower	Upper
152	100		
151	27.0	16.2	24.4#
153	21.3	11.0	16.4#



Instrument :
BNA_N
ClientSampleId :
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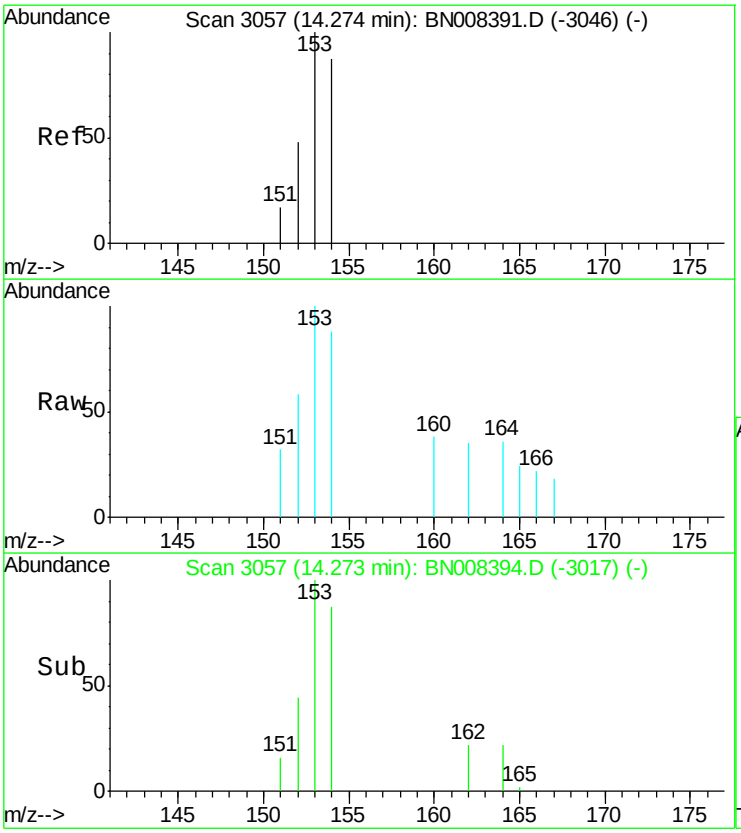
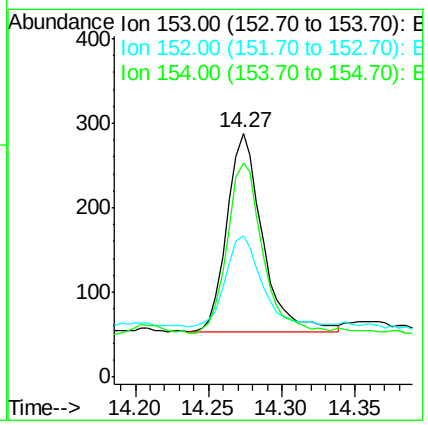
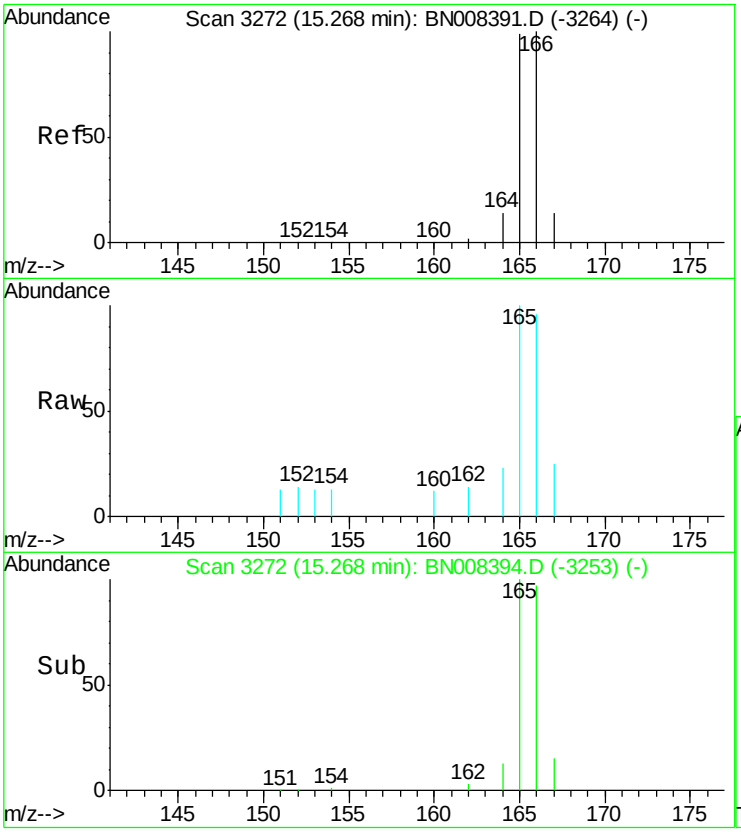


#8
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.27 min Scan# 3057
Delta R.T. -0.01 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:153 Resp: 397

Ion	Ratio	Lower	Upper
153	100		
152	58.0	38.2	57.2#
154	87.8	71.8	107.8

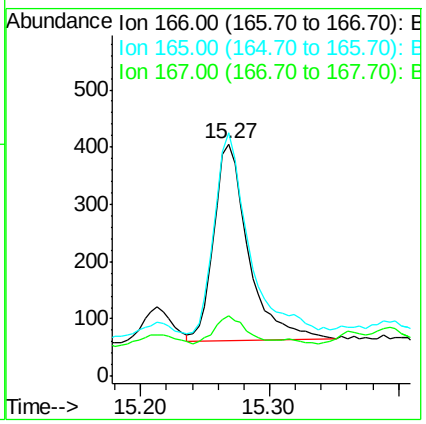




#9
Fluorene
Concen: 0.032 ng/ul
RT: 15.27 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:166 Resp: 637

Ion	Ratio	Lower	Upper
166	100		
165	104.7	76.6	115.0
167	26.1	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
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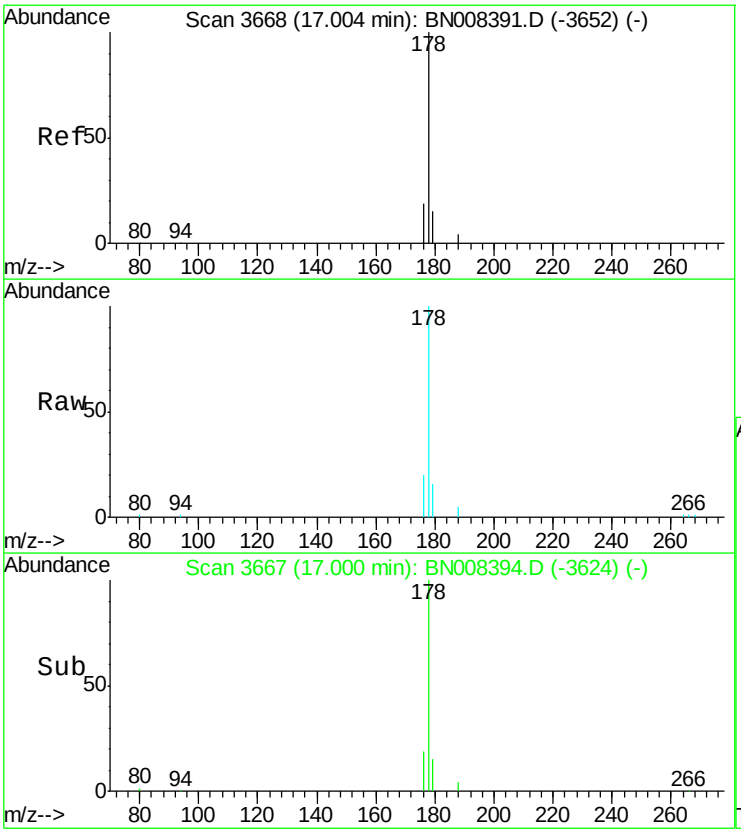
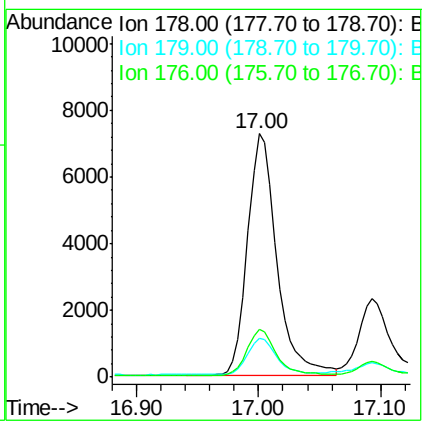
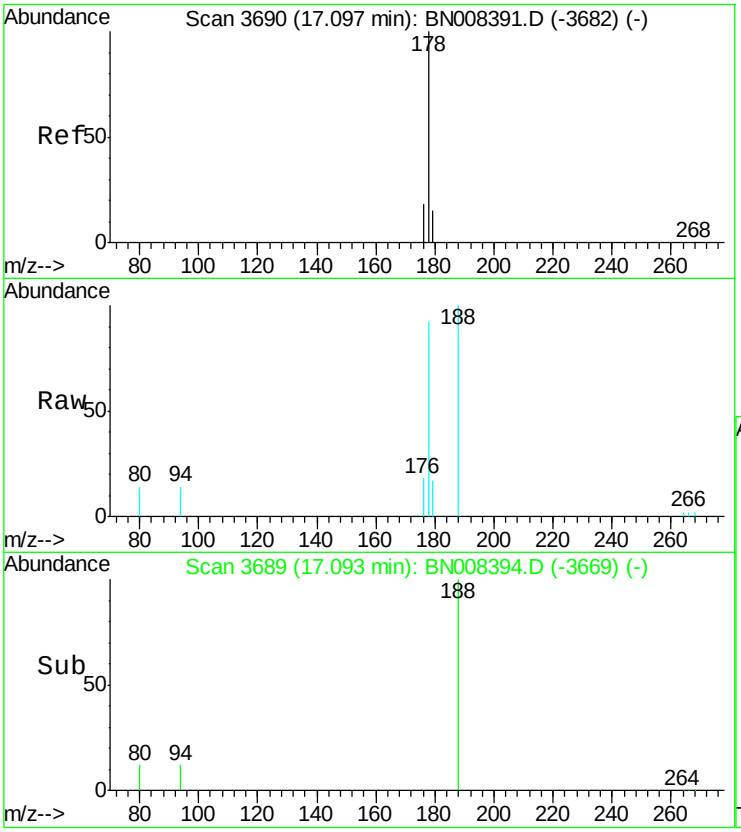


#12
Phenanthrene
Concen: 0.419 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. -0.02 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:178 Resp: 11831

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	19.6	15.4	23.2

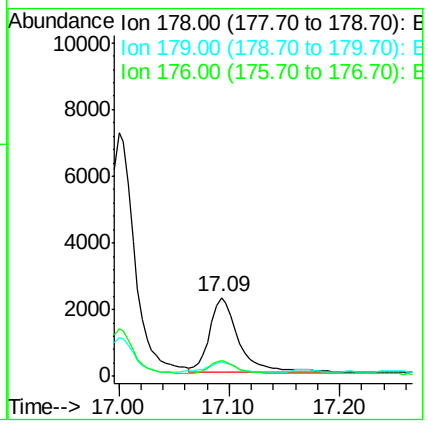




#13
Anthracene
Concen: 0.159 ng/ul
RT: 17.09 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:178 Resp: 3948

Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.0	19.6
176	20.0	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
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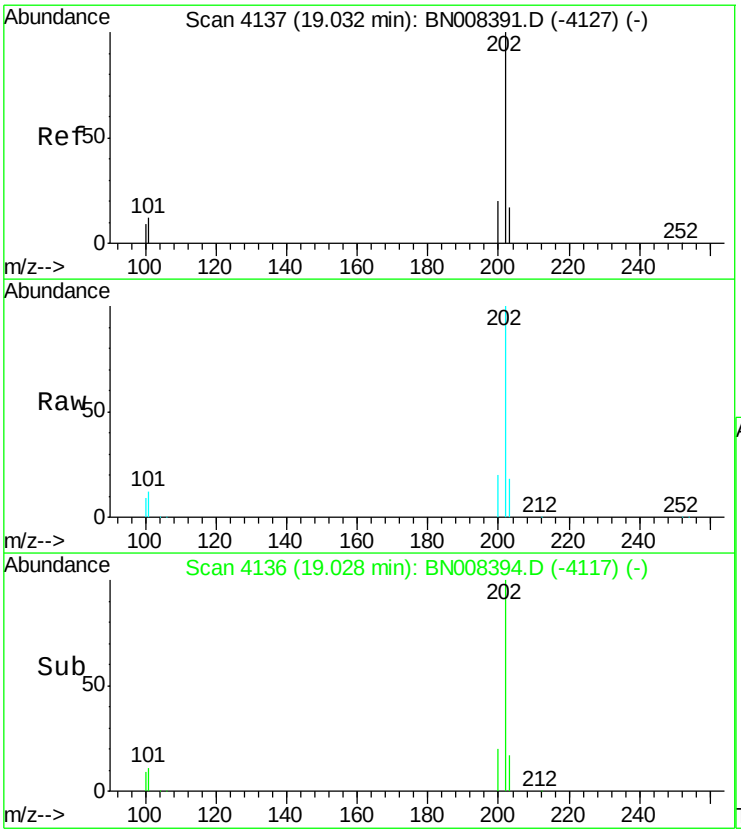
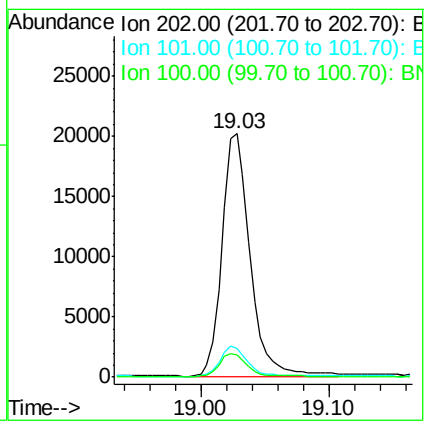
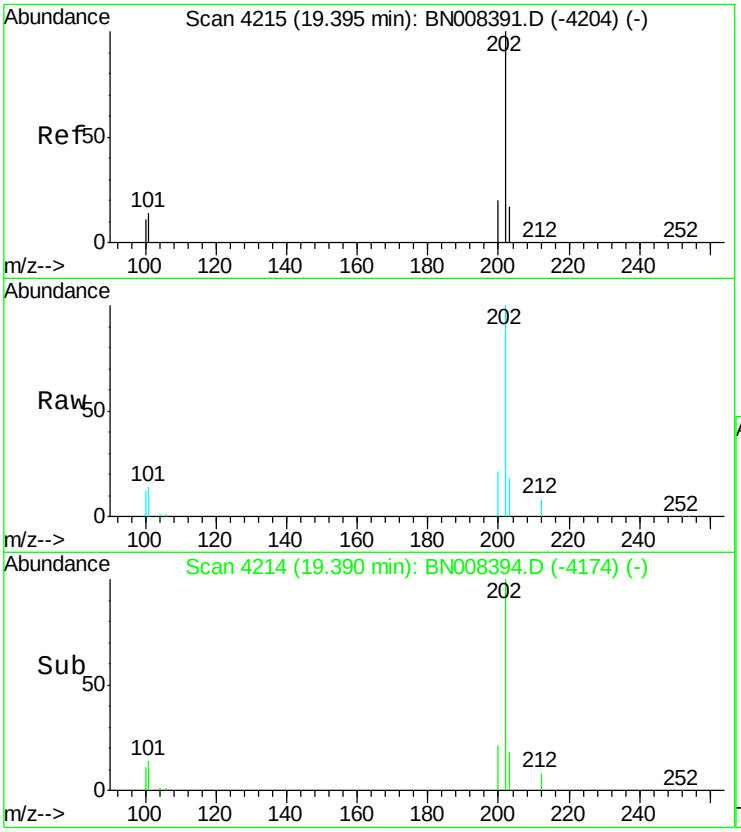


#15
Fluoranthene
Concen: 0.820 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. -0.01 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:202 Resp: 30568

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.2
100	9.0	0.0	28.5

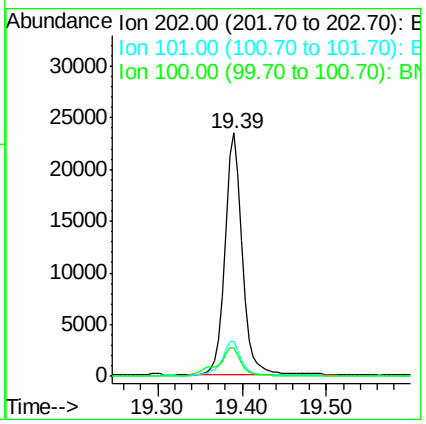




#17
Pyrene
Concen: 1.049 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:202 Resp: 34303

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.9	16.3
100	11.5	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
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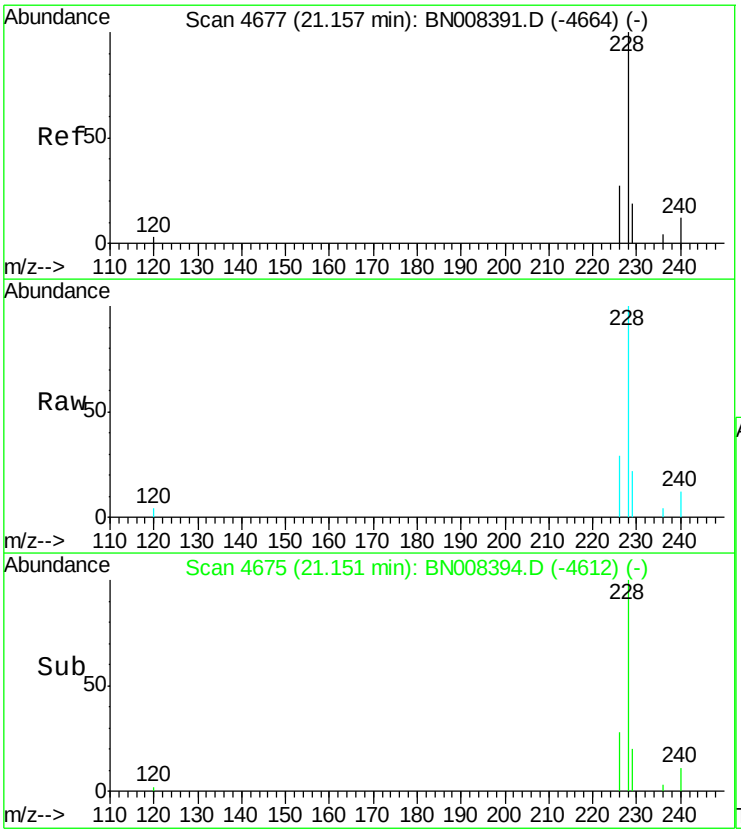
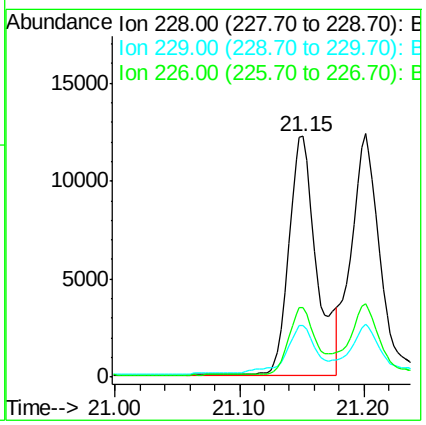
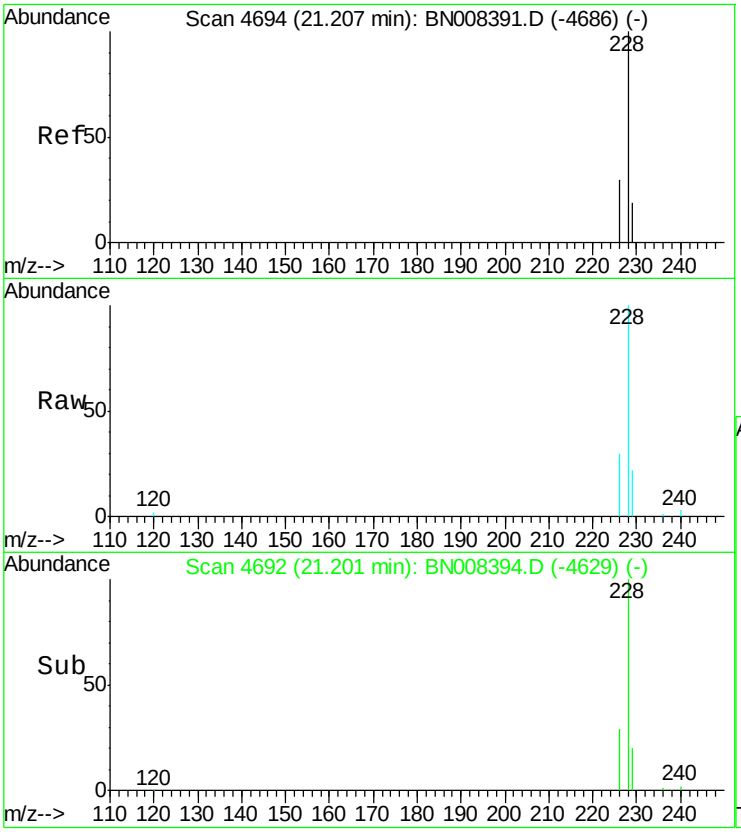


#18
Benzo(a)anthracene
Concen: 0.627 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:228 Resp: 18705

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.2
226	28.8	21.4	32.0





#19
Chrysene
Concen: 0.529 ng/ul
RT: 21.20 min Scan# 4692
Delta R.T. -0.01 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:228 Resp: 19398

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	21.5	16.2	24.2

Instrument :
BNA_N
ClientSampleId :
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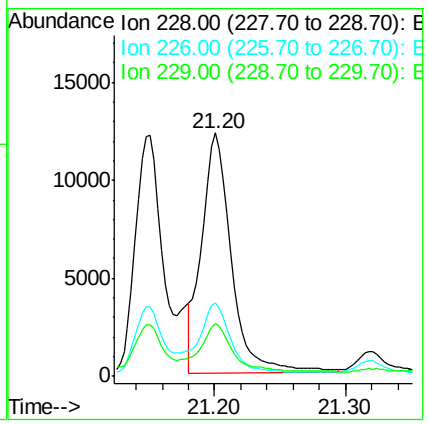
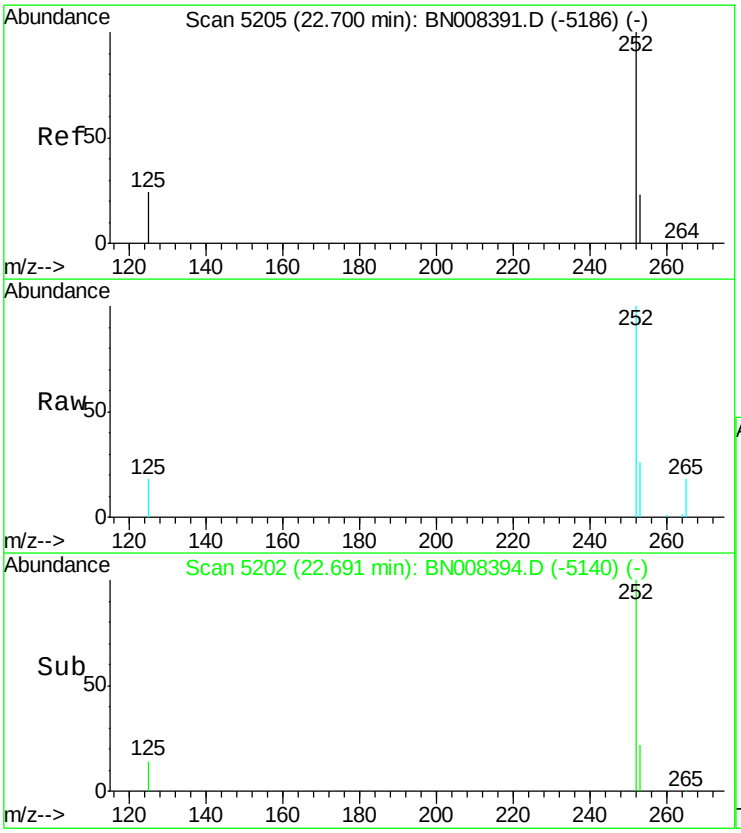
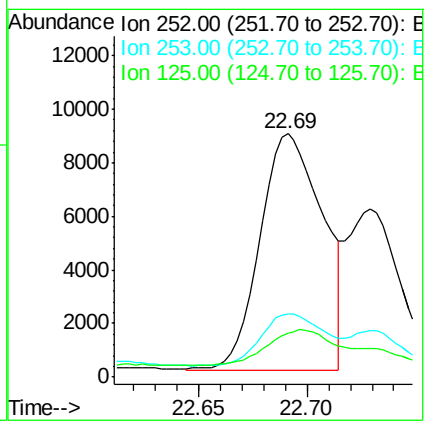


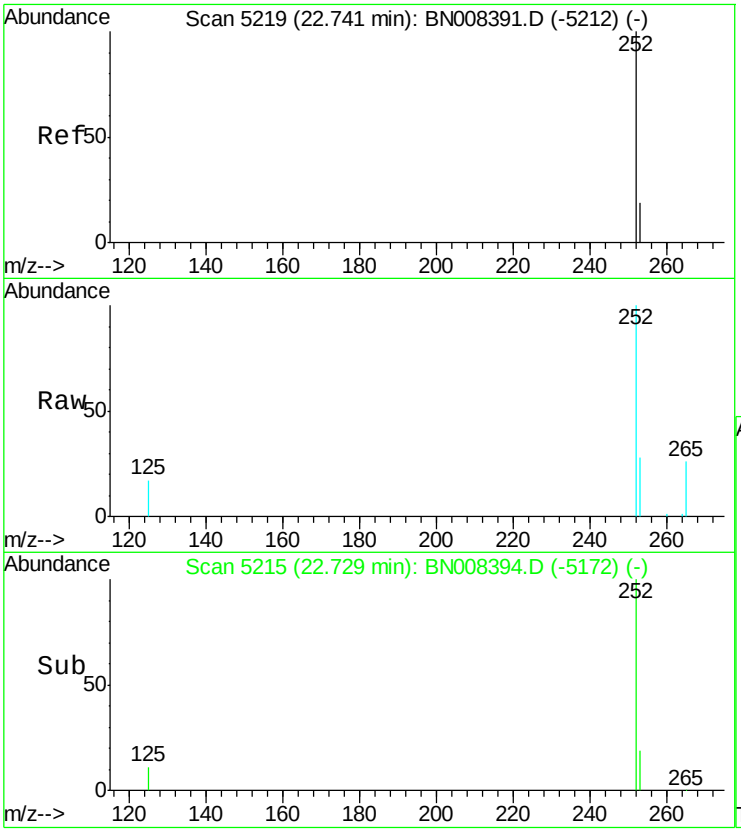


#21
Benzo(b)fluoranthene
Concen: 0.852 ng/ul m
RT: 22.69 min Scan# 5202
Delta R.T. -0.02 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:252 Resp: 17959

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	53.4
125	18.2	0.0	32.4

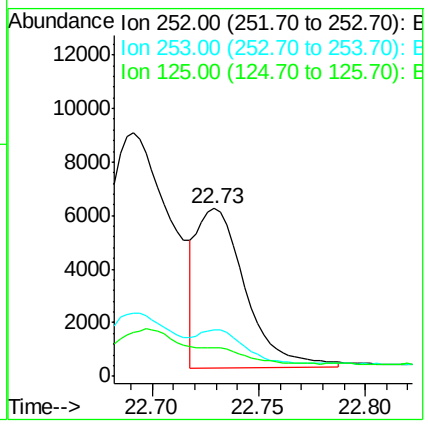




#22
Benzo(k)fluoranthene
Concen: 0.400 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.02 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:252 Resp: 9552

Ion	Ratio	Lower	Upper
252	100		
253	27.6	21.3	31.9
125	17.3	12.3	18.5



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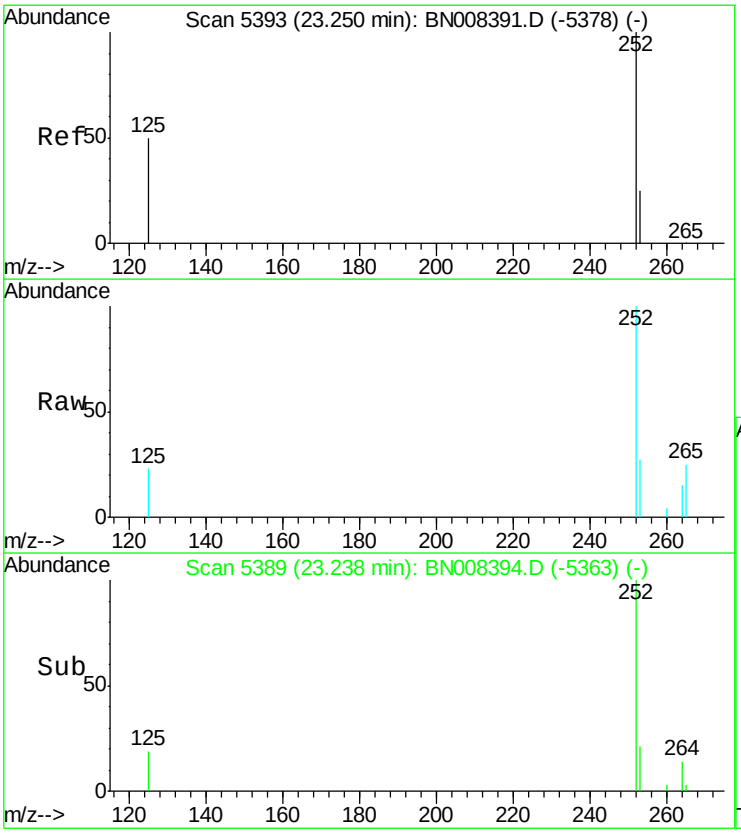
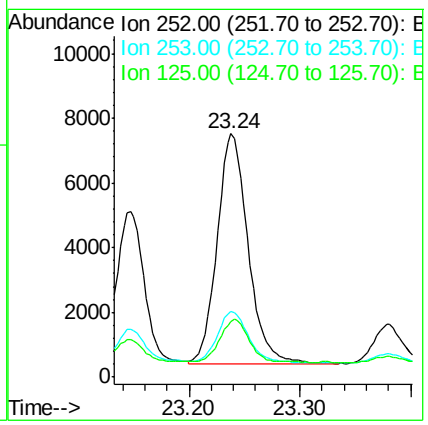
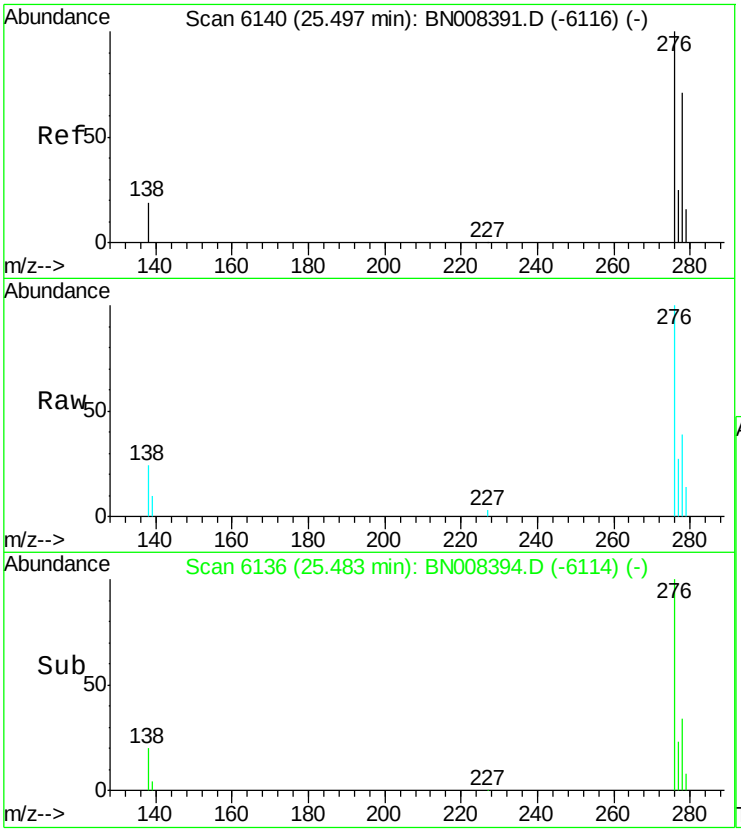


#23
Benzo(a)pyrene
Concen: 0.619 ng/ul
RT: 23.24 min Scan# 5389
Delta R.T. -0.02 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:252 Resp: 13734

Ion	Ratio	Lower	Upper
252	100		
253	26.9	22.8	34.2
125	22.9	18.4	27.6

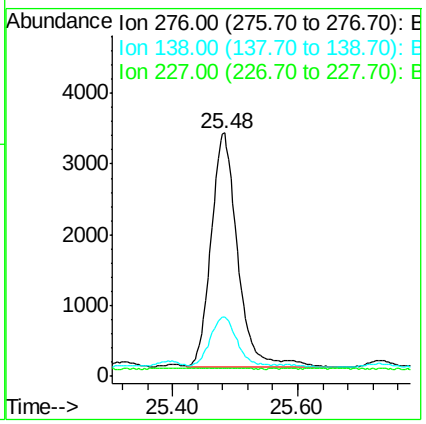




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.03 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:276 Resp: 9769

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.1	24.1
227	0.2	0.2	0.2



Instrument :
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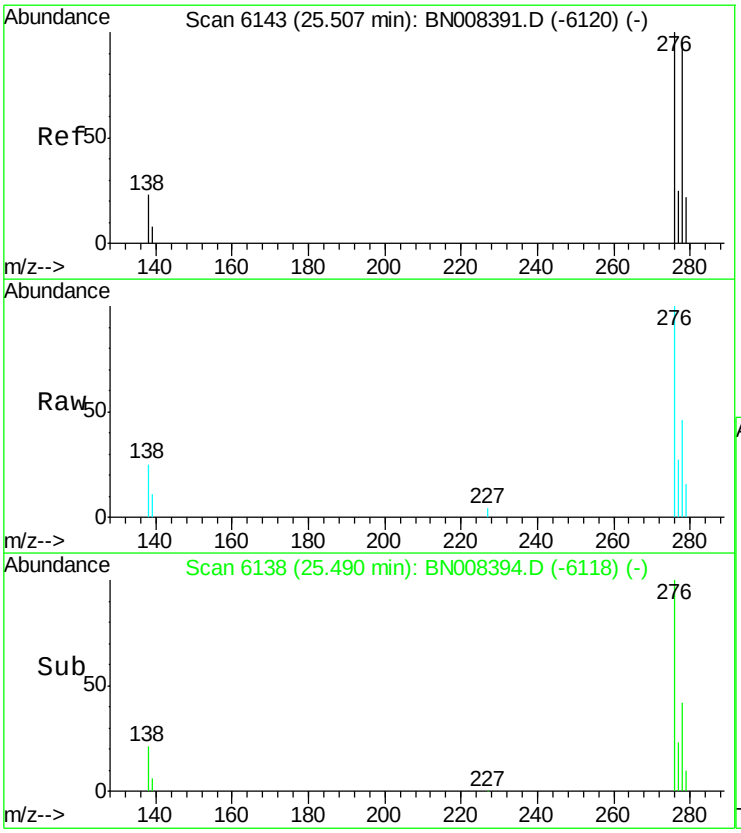
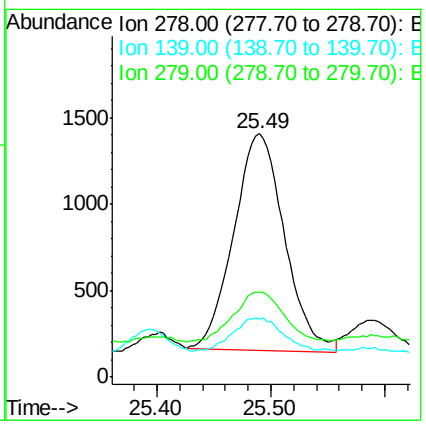
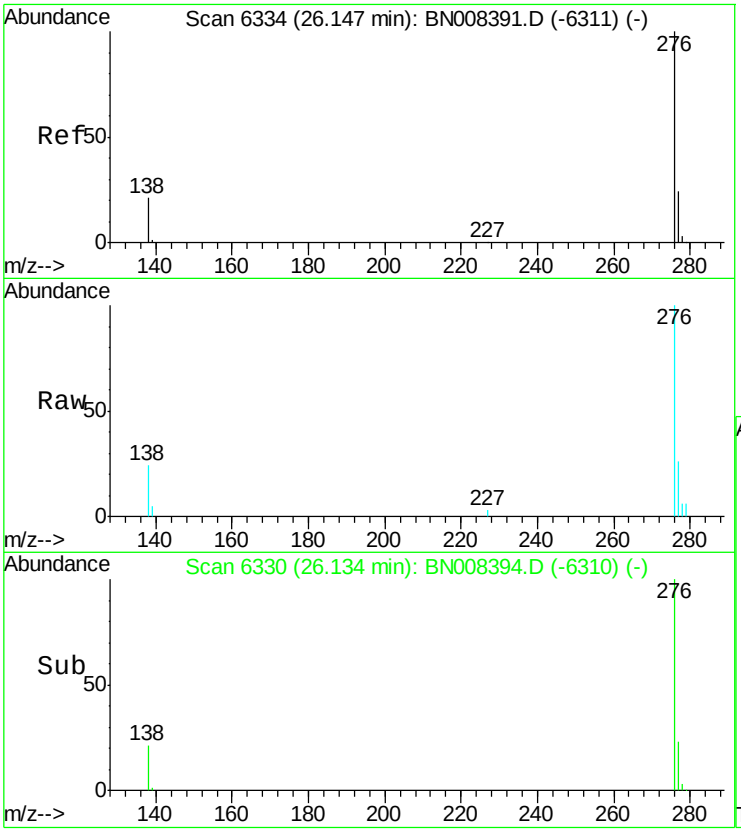


#25
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.03 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:278 Resp: 3859

Ion	Ratio	Lower	Upper
278	100		
139	23.8	15.0	22.6#
279	34.9	22.4	33.6#

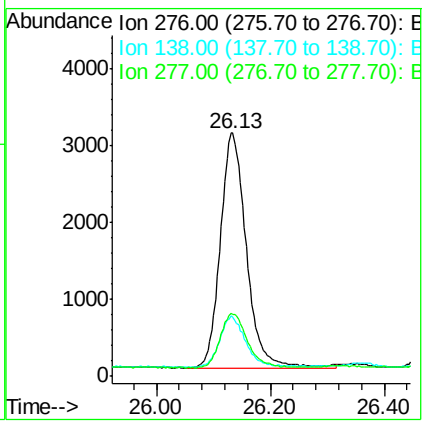




#26
Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 26.13 min Scan# 6330
Delta R.T. -0.03 min
Lab File: BN008394.D
Acq: 24 Oct 2019 19:01

Tgt Ion:276 Resp: 9723

Ion	Ratio	Lower	Upper
276	100		
138	24.5	17.0	25.4
277	25.6	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
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