Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
Data File : BN008397.D
Acq On : 24 Oct 2019 20:49
Operator : JU
Sample : K5235-19DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPB9DL

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Quant Time: Oct 24 22:11:50 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1584	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	7702	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5037	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	10636	0.40	ng/ul	-0.02
16) Chrysene-d12	21.17	240	9352	0.40	ng/ul	-0.01
20) Perylene-d12	23.34	264	7786	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	345	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1176	0.03	ng/ul	-0.02
Target Compounds						Qvalue
7) Acenaphthylene	13.93	152	1189	0.050	ng/ul#	86
8) Acenaphthene	14.27	153	386	0.021	ng/ul#	94
9) Fluorene	15.27	166	525	0.025	ng/ul#	92
12) Phenanthrene	17.00	178	10724	0.344	ng/ul	100
13) Anthracene	17.09	178	2578	0.094	ng/ul#	92
15) Fluoranthene	19.03	202	28428	0.691	ng/ul	99
17) Pyrene	19.39	202	28750	0.772	ng/ul	98
18) Benzo(a)anthracene	21.15	228	13272	0.390	ng/ul	96
19) Chrysene	21.20	228	14484	0.347	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	17011m	0.671	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	5037m	0.175	ng/ul	
23) Benzo(a)pyrene	23.24	252	11241	0.421	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.48	276	7097	0.226	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.49	278	1536	0.062	ng/ul#	62
26) Benzo(g,h,i)perylene	26.14	276	7051	0.245	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
Data File : BN008397.D
Acq On : 24 Oct 2019 20:49
Operator : JU
Sample : K5235-19DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 24 22:11:50 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 :
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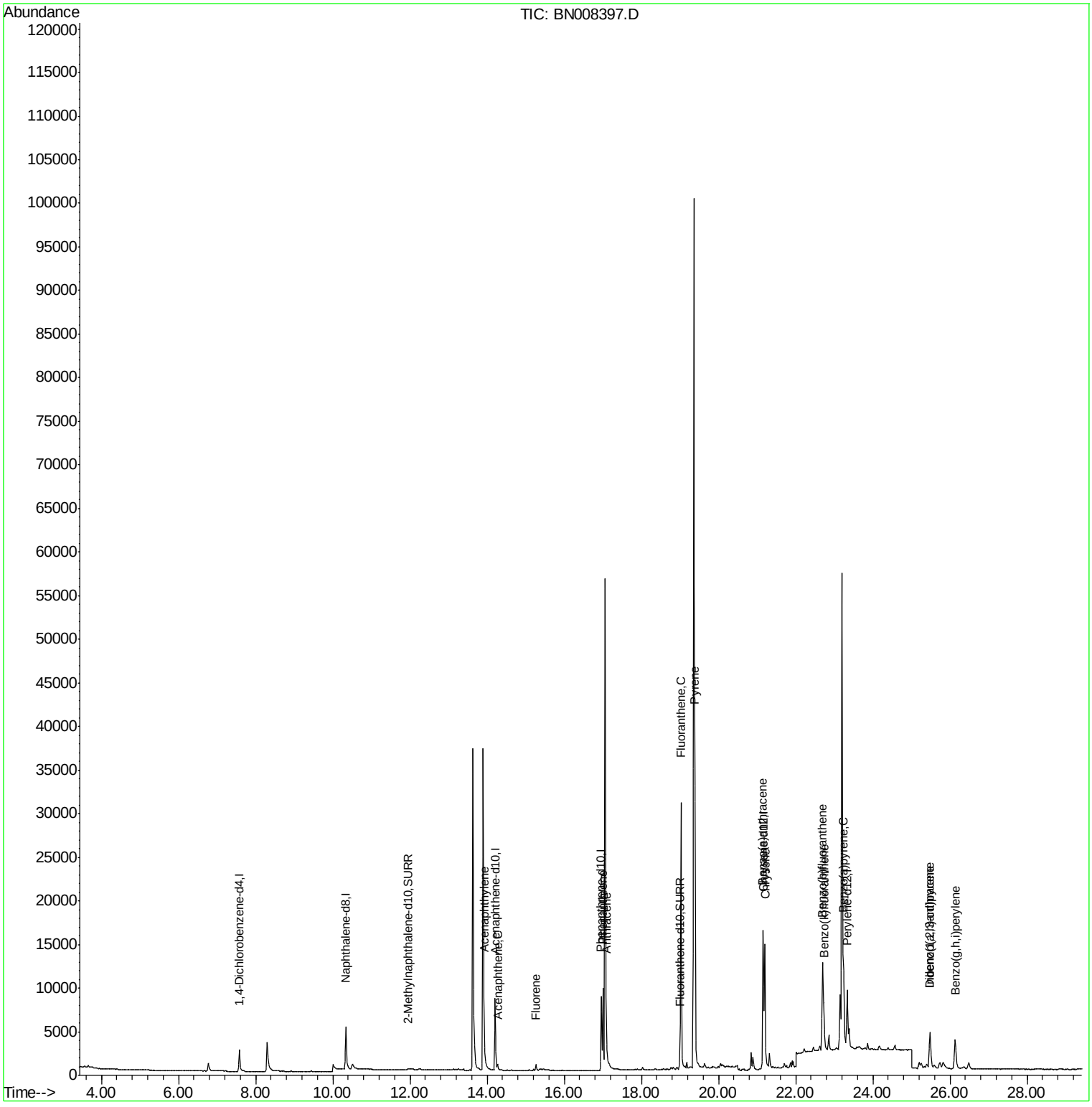

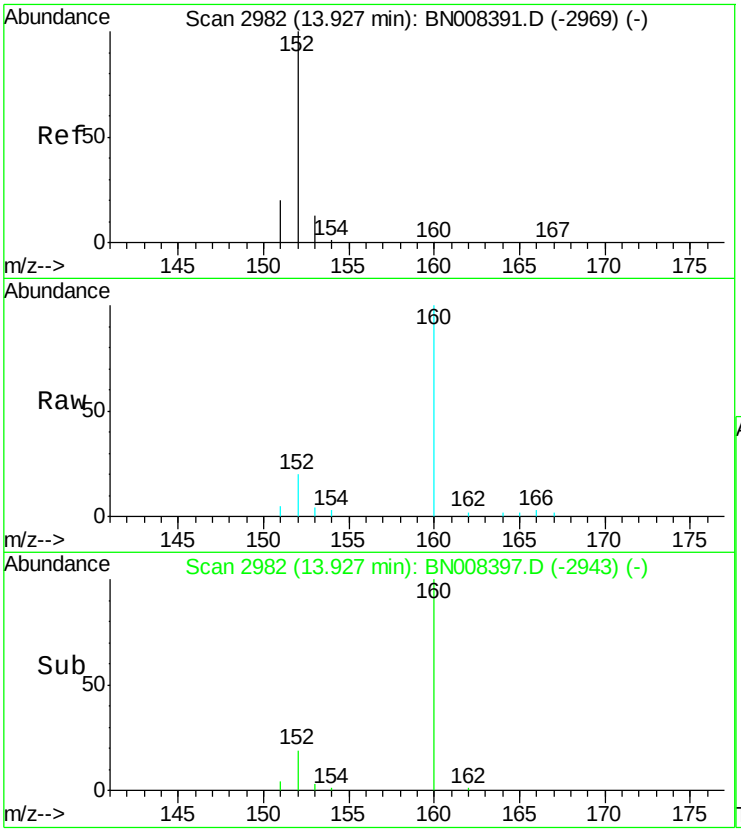

#7
Acenaphthylene
Concen: 0.050 ng/ul
RT: 13.93 min Scan# 2982
Delta R.T. -0.02 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Instrument :
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ClientSampleId :
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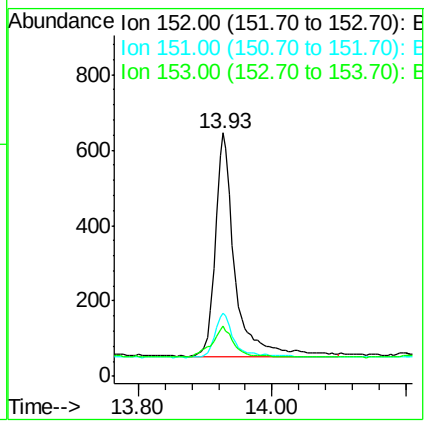
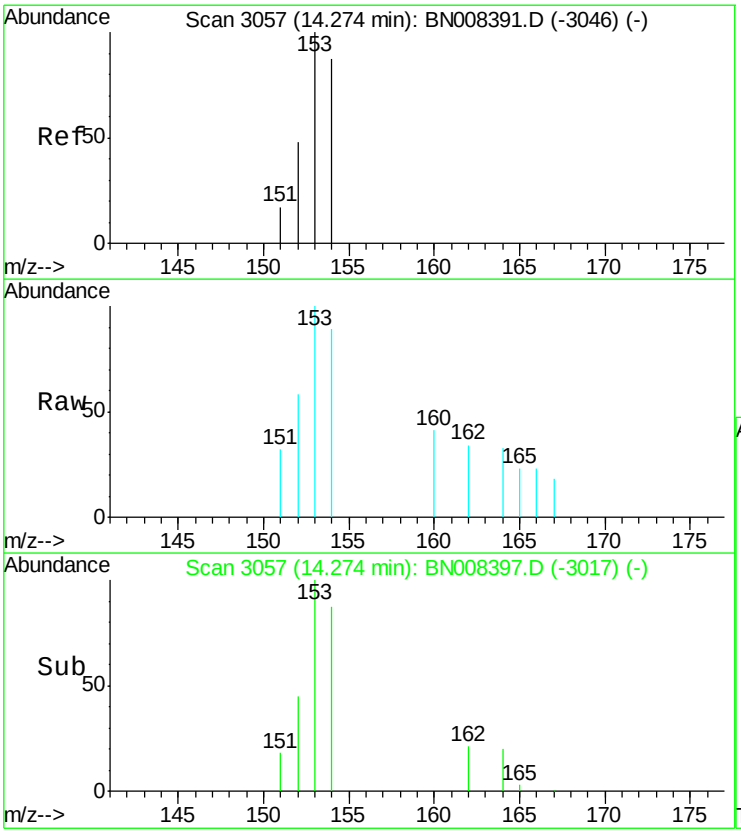
Tgt Ion:152 Resp: 1189

Ion	Ratio	Lower	Upper
152	100		
151	25.9	16.2	24.4#
153	20.6	11.0	16.4#

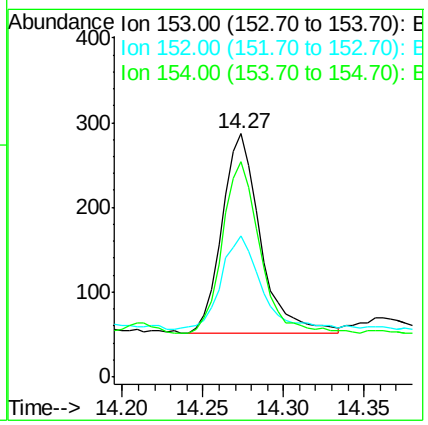


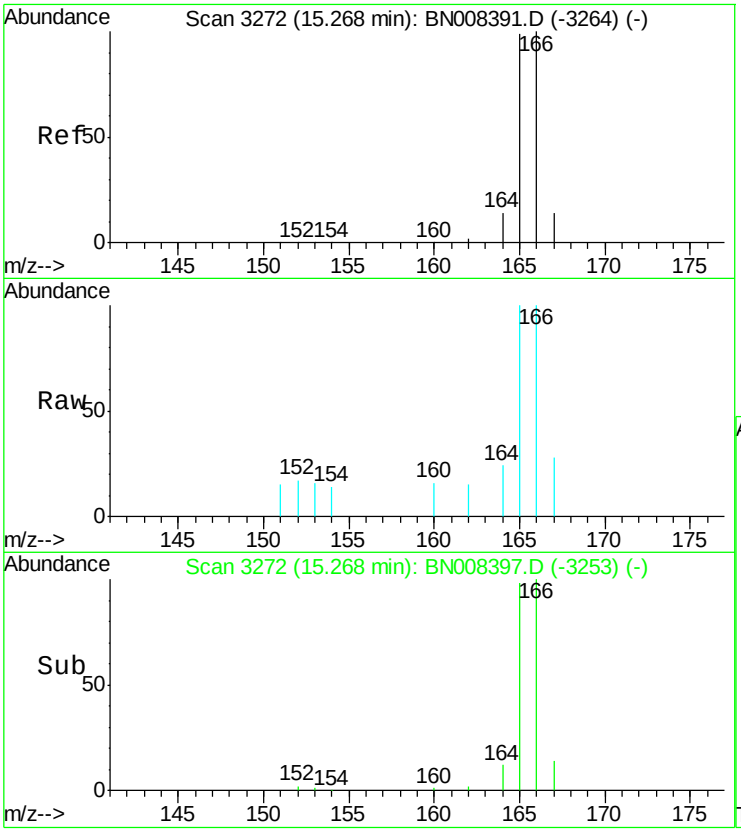


#8
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.27 min Scan# 3057
Delta R.T. -0.01 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Tgt Ion:153 Resp: 386

Ion	Ratio	Lower	Upper
153	100		
152	57.8	38.2	57.2#
154	88.5	71.8	107.8

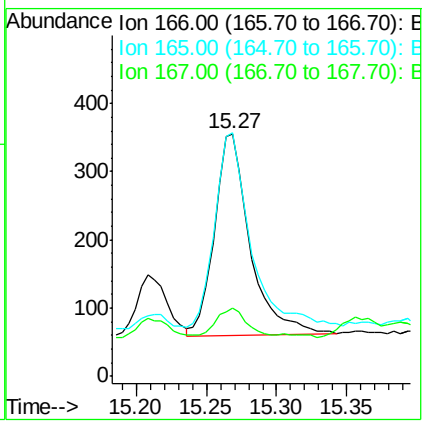




#9
Fluorene
Concen: 0.025 ng/ul
RT: 15.27 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Tgt Ion:166 Resp: 525

Ion	Ratio	Lower	Upper
166	100		
165	100.3	76.6	115.0
167	27.8	11.7	17.5#



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ClientSampleId :
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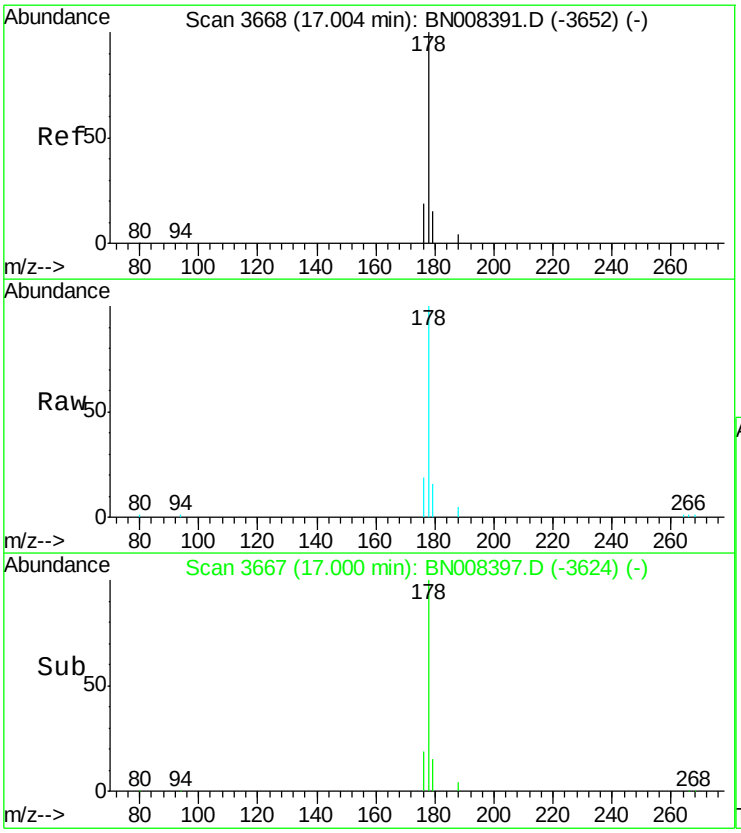
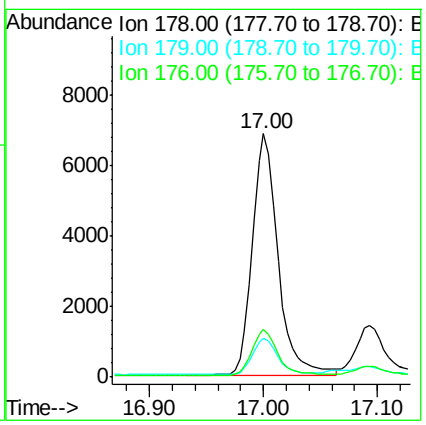
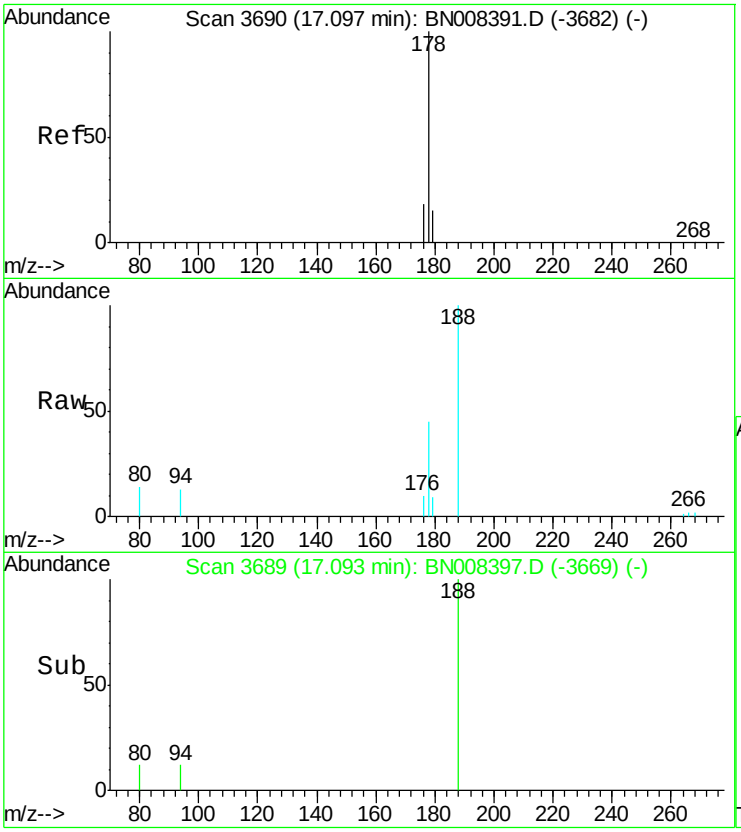


#12
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. -0.02 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Tgt Ion:178 Resp: 10724

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	19.4	15.4	23.2





#13
Anthracene
Concen: 0.094 ng/ul
RT: 17.09 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Instrument :
BNA_N
ClientSampleId :
BEPB9DL

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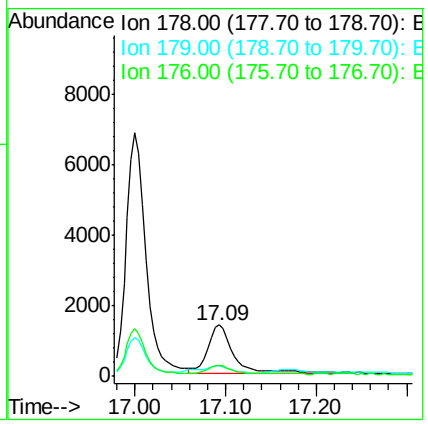
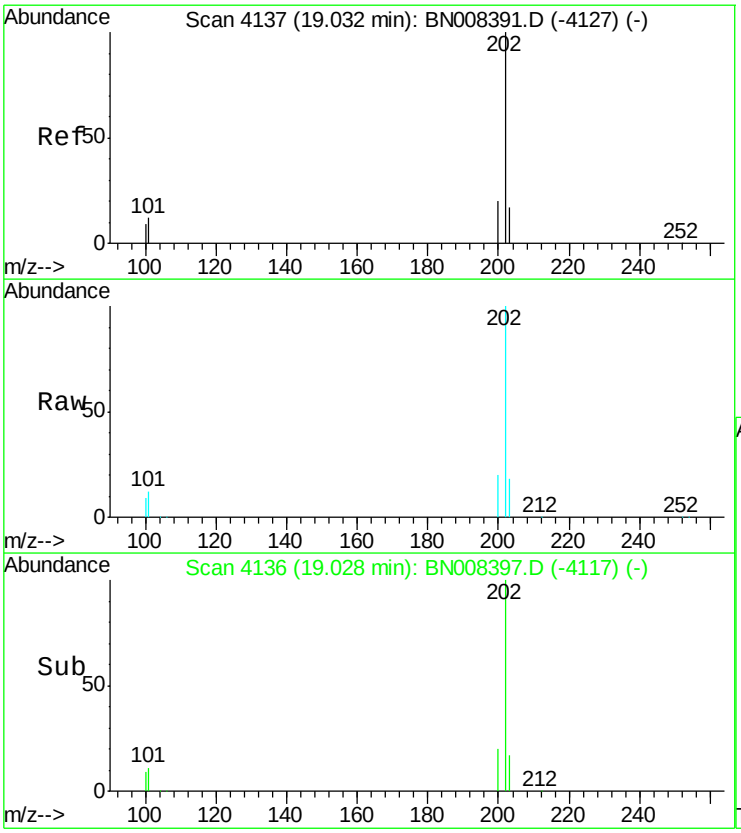
Tgt Ion:178 Resp: 2578

Ion	Ratio	Lower	Upper
178	100		
179	20.7	13.0	19.6#
176	21.4	15.0	22.6

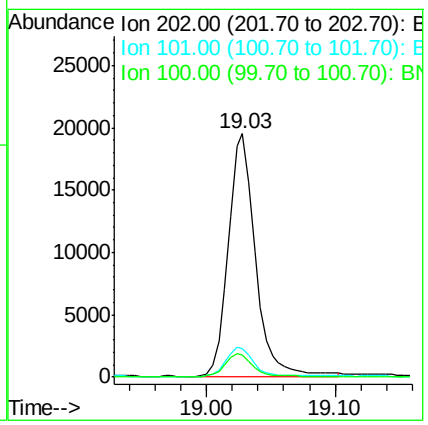


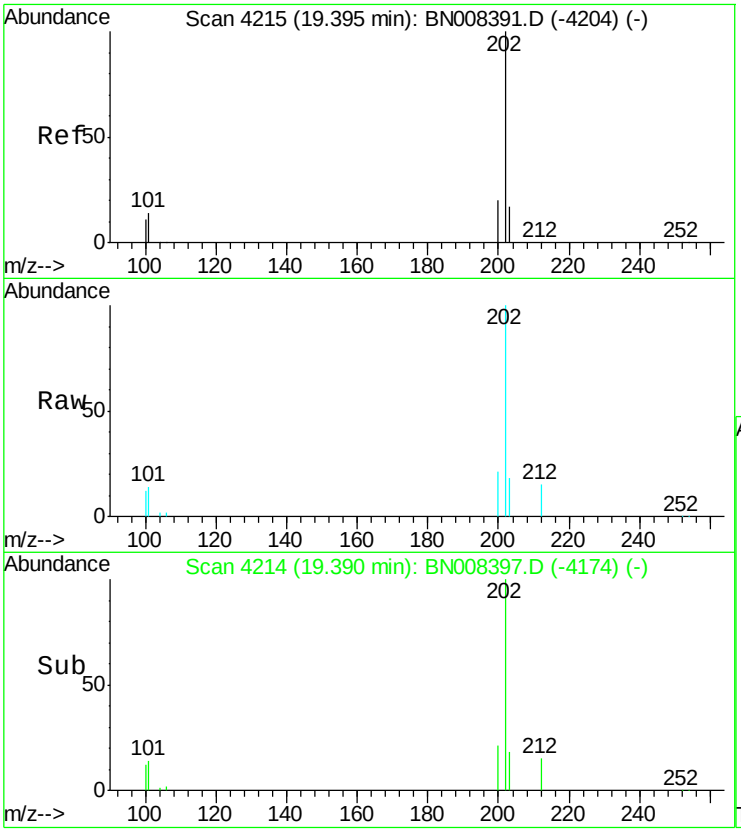


#15
Fluoranthene
Concen: 0.691 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. -0.01 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Tgt Ion:202 Resp: 28428

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.2
100	8.9	0.0	28.5

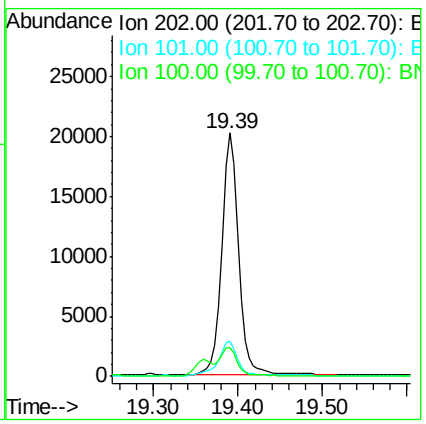




#17
Pyrene
Concen: 0.772 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Tgt Ion:202 Resp: 28750

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.9	16.3
100	11.7	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
BEPB9DL

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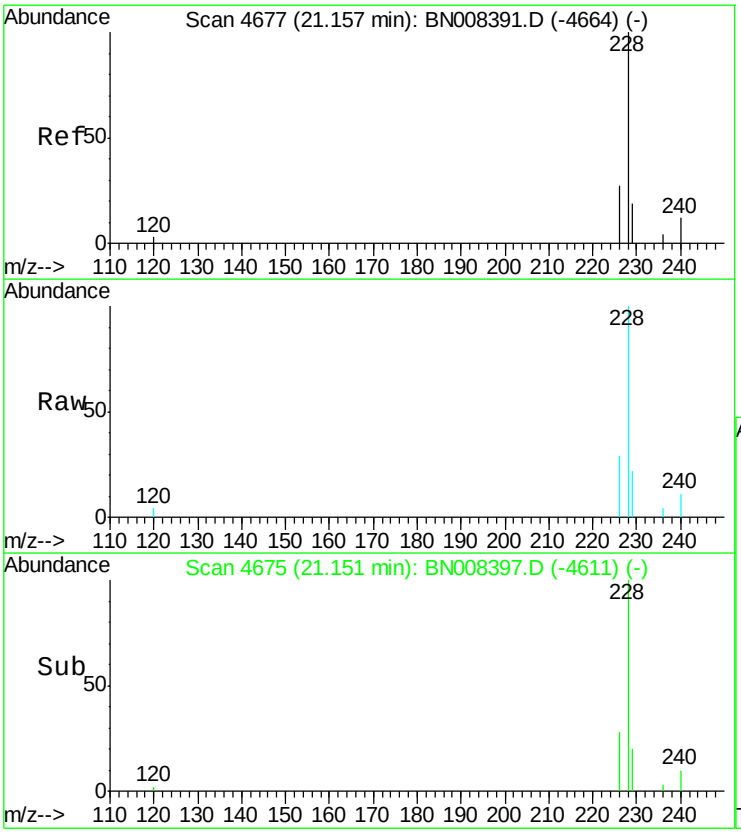
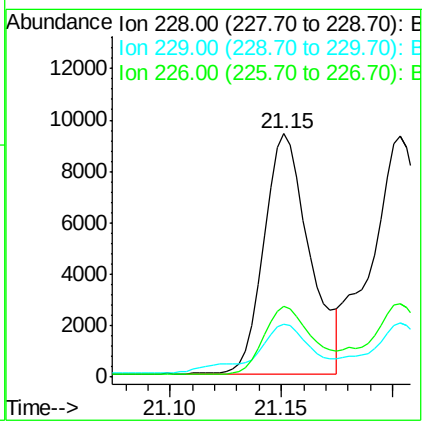
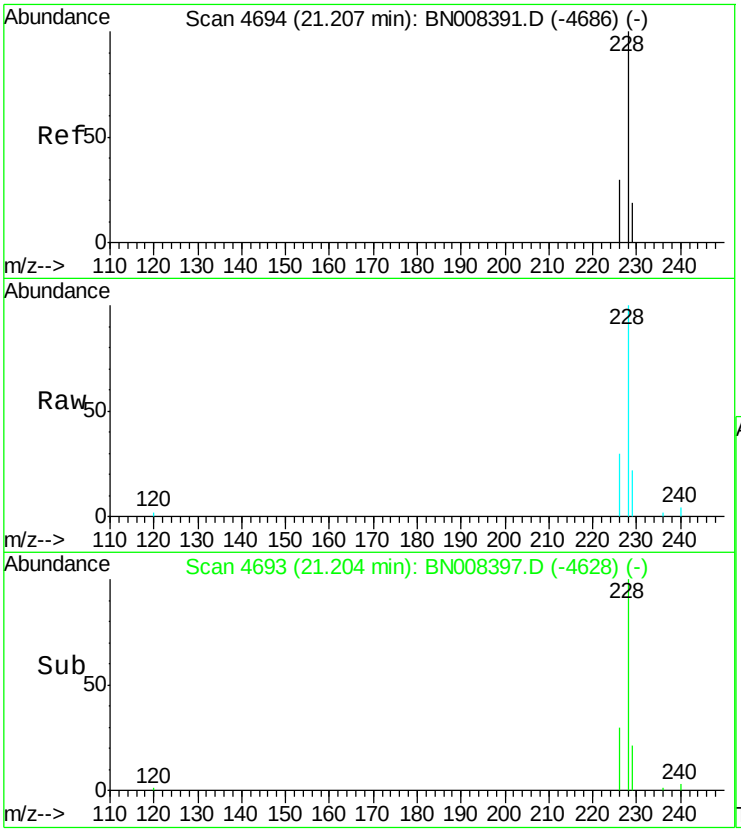


#18
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Tgt Ion:228 Resp: 13272

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.2	24.2
226	29.1	21.4	32.0





#19
Chrysene
Concen: 0.347 ng/ul
RT: 21.20 min Scan# 4693
Delta R.T. -0.01 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Tgt Ion:228 Resp: 14484

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	22.4	16.2	24.2

Instrument :
BNA_N
ClientSampleId :
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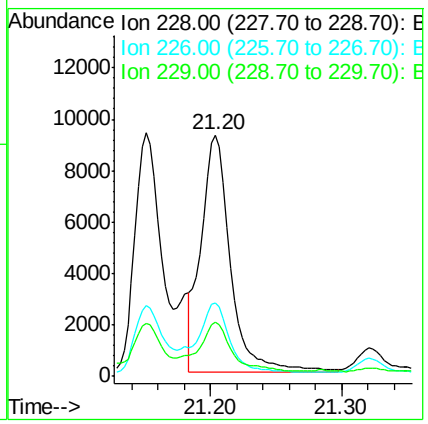
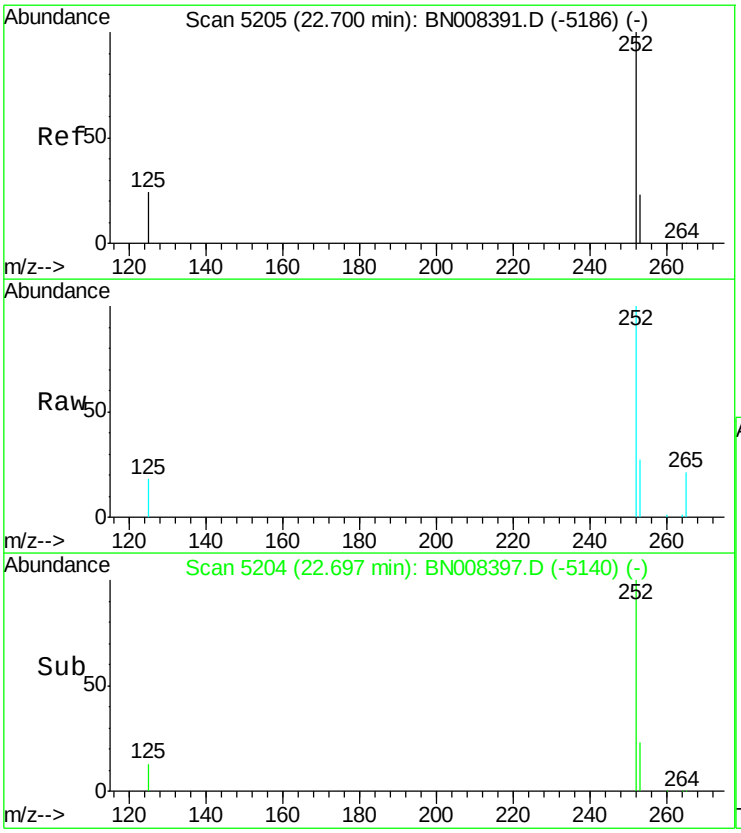
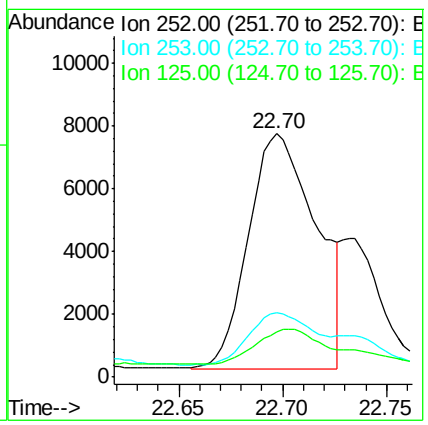


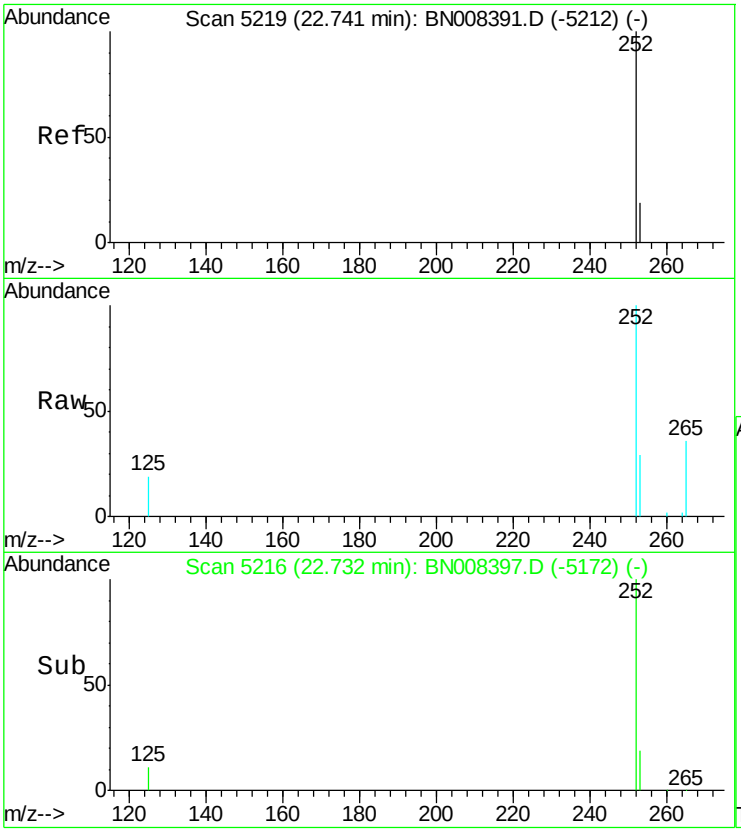


#21
Benzo(b)fluoranthene
Concen: 0.671 ng/ul m
RT: 22.70 min Scan# 5204
Delta R.T. -0.01 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Tgt Ion:252 Resp: 17011

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	53.4
125	18.3	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 0.175 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.02 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Tgt Ion:252 Resp: 5037

Ion	Ratio	Lower	Upper
252	100		
253	29.3	21.3	31.9
125	19.4	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
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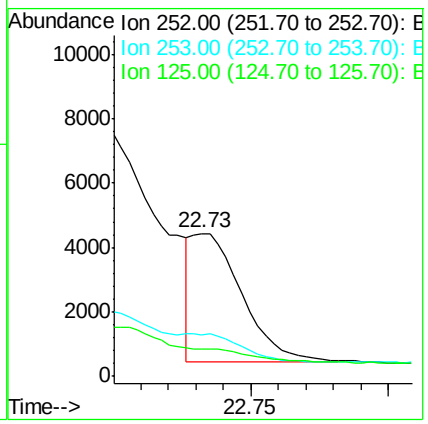
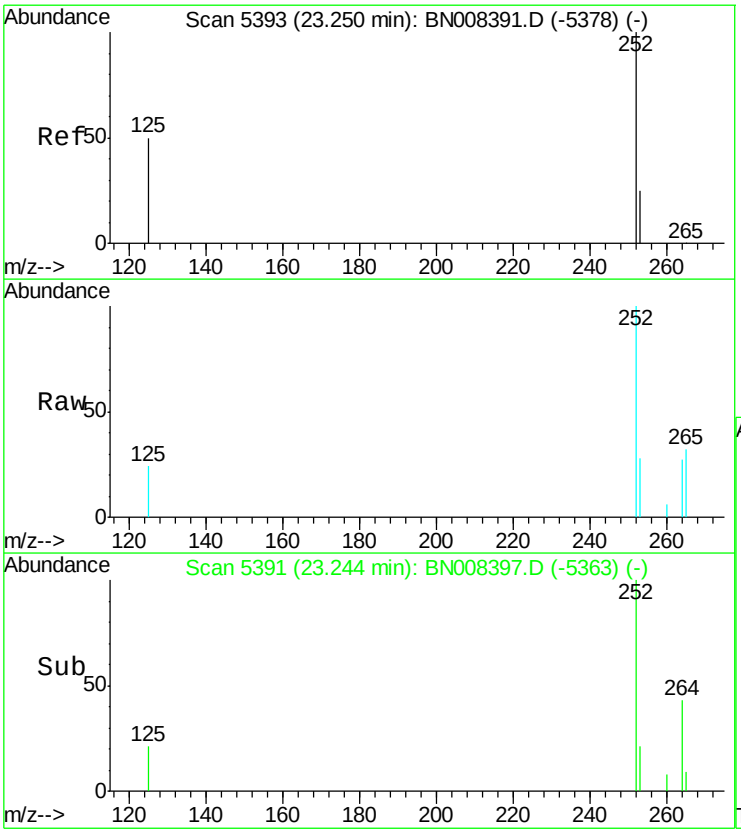
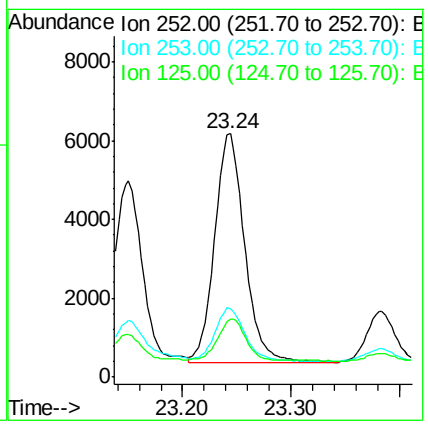


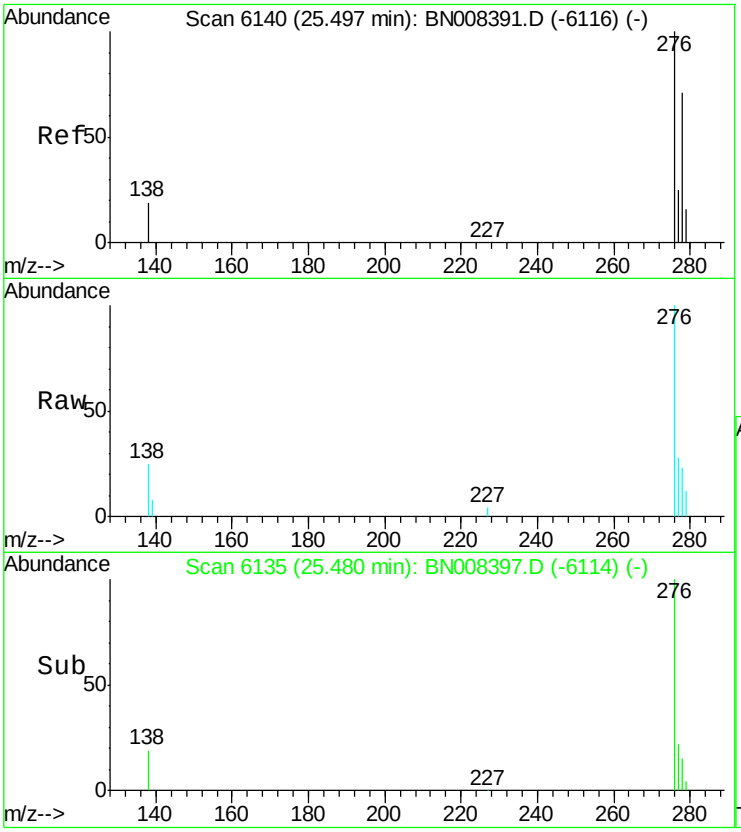


#23
Benzo(a)pyrene
Concen: 0.421 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. -0.02 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Tgt Ion:252 Resp: 11241

Ion	Ratio	Lower	Upper
252	100		
253	28.2	22.8	34.2
125	23.7	18.4	27.6





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.226 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.03 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Instrument :
BNA_N
ClientSampleId :
BEPB9DL

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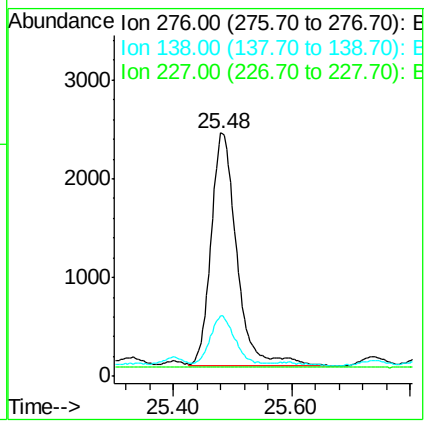
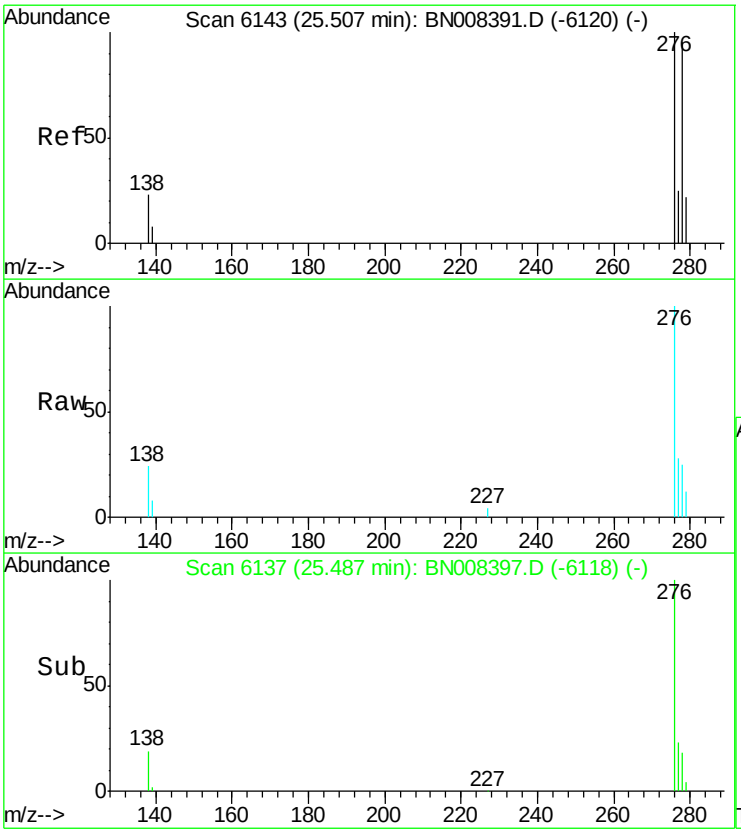
Tgt Ion:276 Resp: 7097

Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.1	24.1
227	0.1	0.2	0.2#

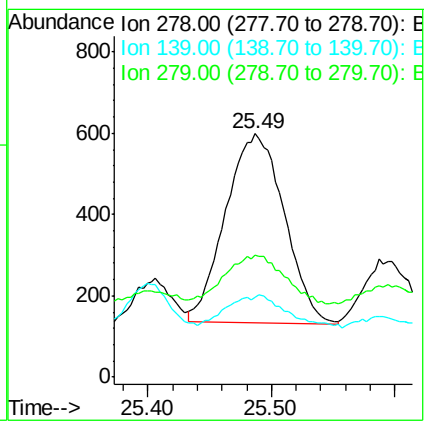


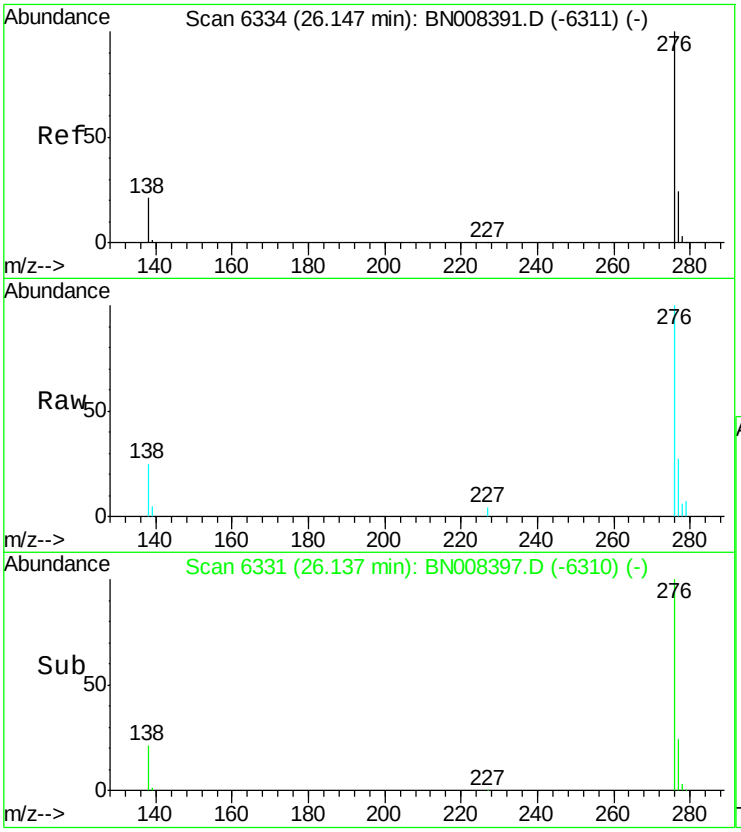


#25
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.04 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Tgt Ion:278 Resp: 1536

Ion	Ratio	Lower	Upper
278	100		
139	32.6	15.0	22.6#
279	50.3	22.4	33.6#

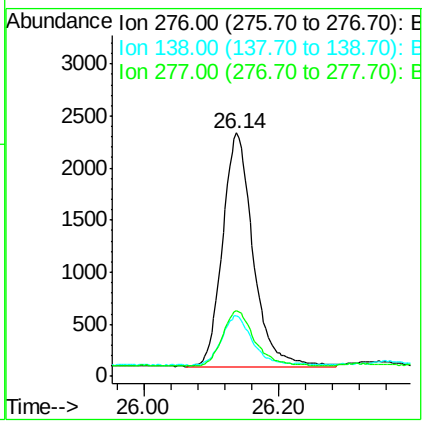




#26
Benzo(g,h,i)perylene
Concen: 0.245 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.03 min
Lab File: BN008397.D
Acq: 24 Oct 2019 20:49

Tgt Ion:276 Resp: 7051

Ion	Ratio	Lower	Upper
276	100		
138	24.7	17.0	25.4
277	26.8	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
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