Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011738.D
Acq On : 08 Sep 2020 15:54
Operator : CG/JU
Sample : L3840-20DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB8DL

Manual Integrations APPROVED
Sohil
9/9/2020 3:45:47 PM

Quant Time: Sep 08 16:27:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 14:34:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1853	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	6875	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	3856	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	8352	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	7226	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	6497	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	351	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	774	0.04	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.10	152	1537	0.083	ng/ul#	93
9) Fluorene	15.43	166	485	0.028	ng/ul#	95
12) Phenanthrene	17.16	178	4723	0.168	ng/ul	99
13) Anthracene	17.25	178	5462	0.218	ng/ul	97
15) Fluoranthene	19.18	202	17678	0.566	ng/ul	99
17) Pyrene	19.54	202	23873	0.744	ng/ul	99
18) Benzo(a)anthracene	21.30	228	23350	0.831	ng/ul	99
19) Chrysene	21.35	228	39239	1.250	ng/ul	99
21) Benzo(b)fluoranthene	22.89	252	33949m	1.115	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	15743m	0.504	ng/ul	
23) Benzo(a)pyrene	23.46	252	20063	0.763	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.82	276	9652	0.279	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	2693	0.095	ng/ul#	78
26) Benzo(g,h,i)perylene	26.51	276	8496	0.281	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011738.D
Acq On : 08 Sep 2020 15:54
Operator : CG/JU
Sample : L3840-20DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 08 16:27:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 14:34:47 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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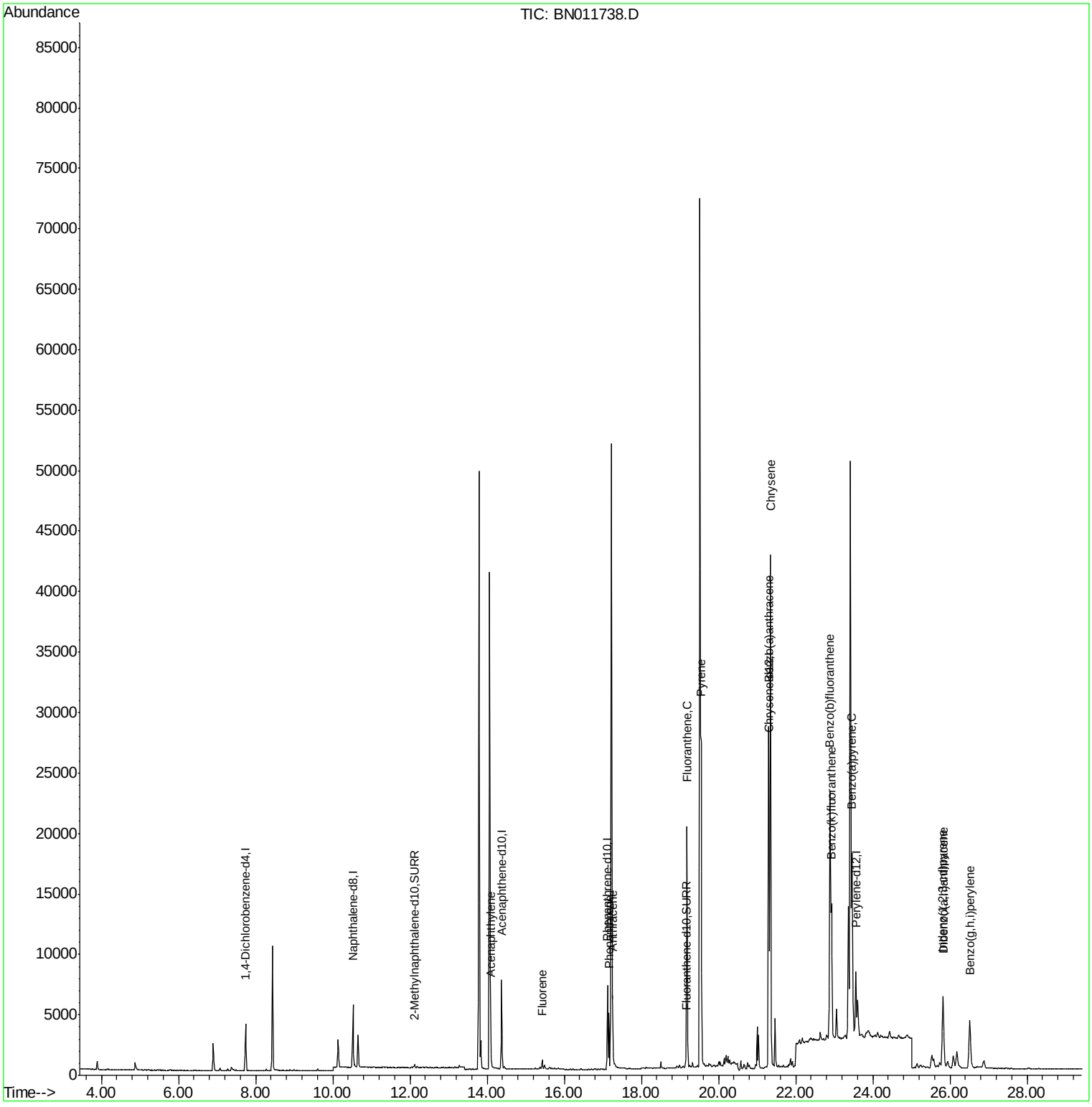
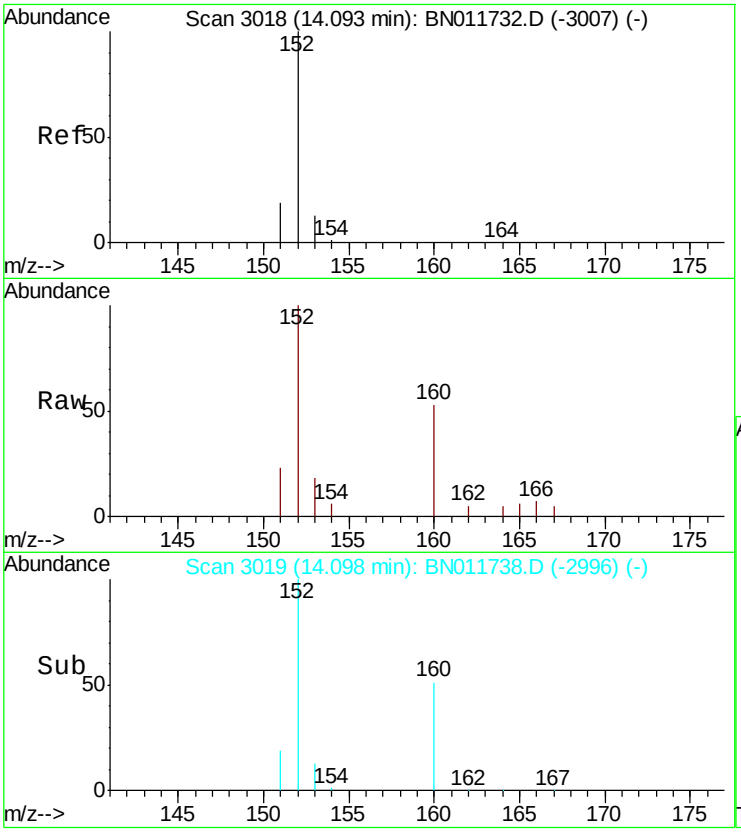
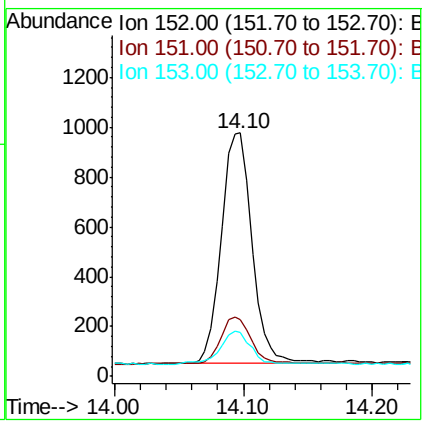




#7
Acenaphthylene
Concen: 0.083 ng/ul
RT: 14.10 min Scan# 3019
Delta R.T. 0.00 min
Lab File: BN011738.D
Acq: 08 Sep 2020 15:54

Tgt Ion:152 Resp: 1537

Ion	Ratio	Lower	Upper
152	100		
151	23.1	16.2	24.4
153	18.0	11.4	17.0#



Instrument :
BNA_N
ClientSampleId :
C0AB8DL

Manual Integrations APPROVED
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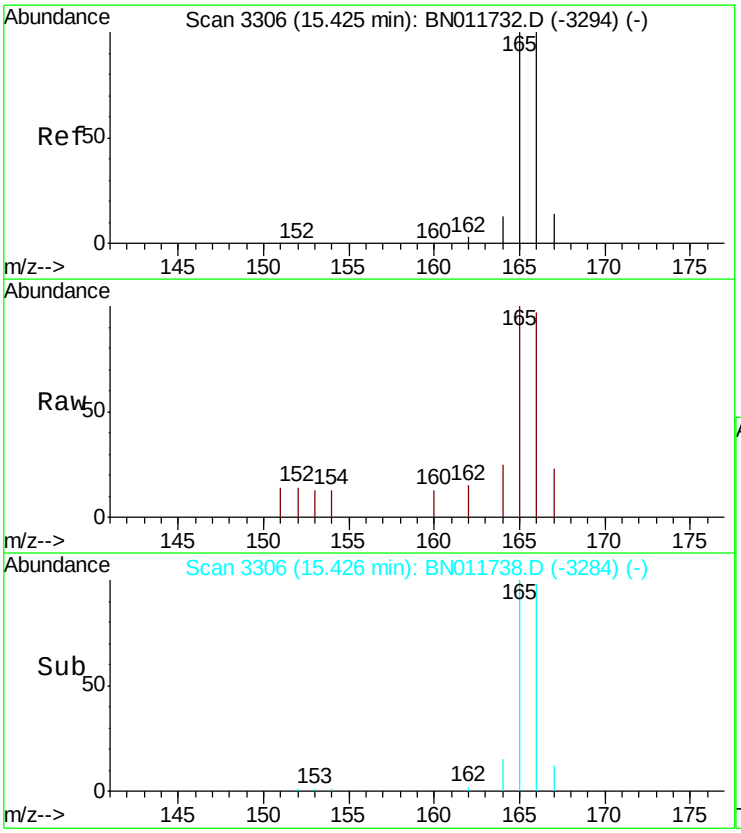
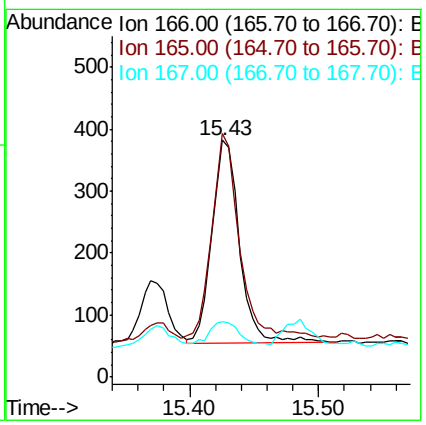
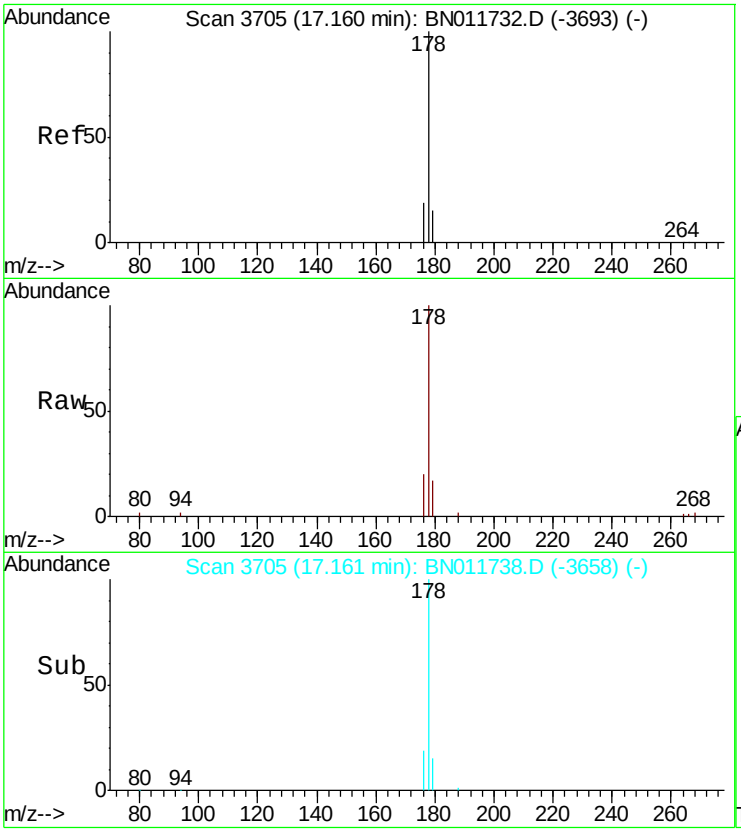


#9
Fluorene
Concen: 0.028 ng/ul
RT: 15.43 min Scan# 3306
Delta R.T. 0.00 min
Lab File: BN011738.D
Acq: 08 Sep 2020 15:54

Tgt Ion:166 Resp: 485

Ion	Ratio	Lower	Upper
166	100		
165	102.9	80.2	120.2
167	23.6	11.8	17.6#

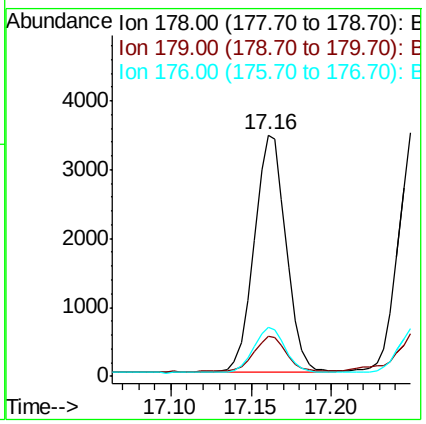




#12
Phenanthrene
Concen: 0.168 ng/ul
RT: 17.16 min Scan# 3705
Delta R.T. 0.00 min
Lab File: BN011738.D
Acq: 08 Sep 2020 15:54

Tgt Ion:178 Resp: 4723

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	19.0
176	20.3	16.0	24.0



Instrument :
BNA_N
ClientSampleId :
C0AB8DL

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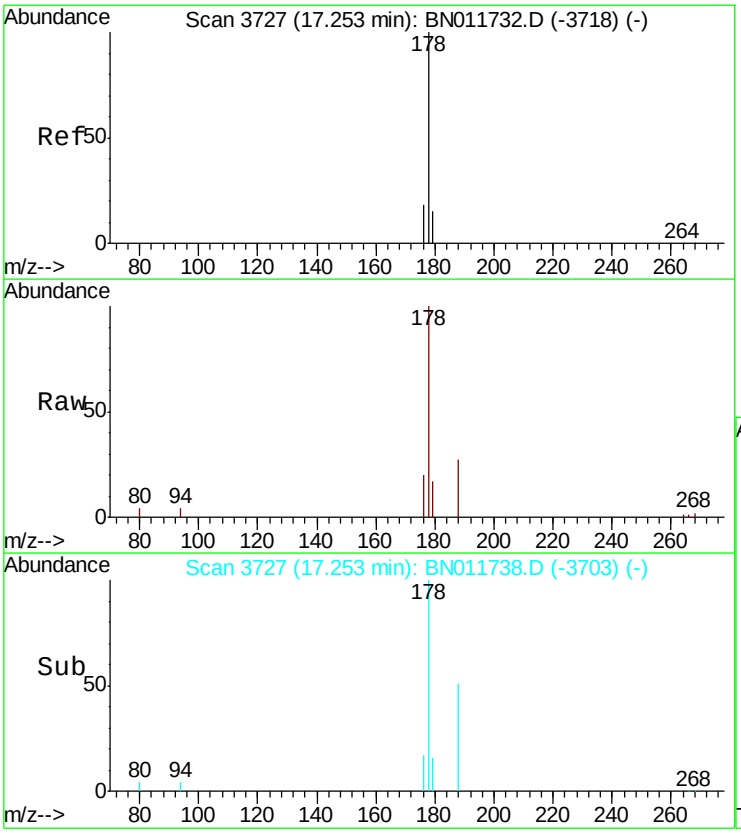
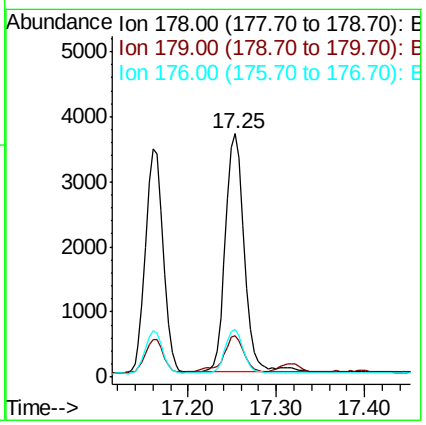
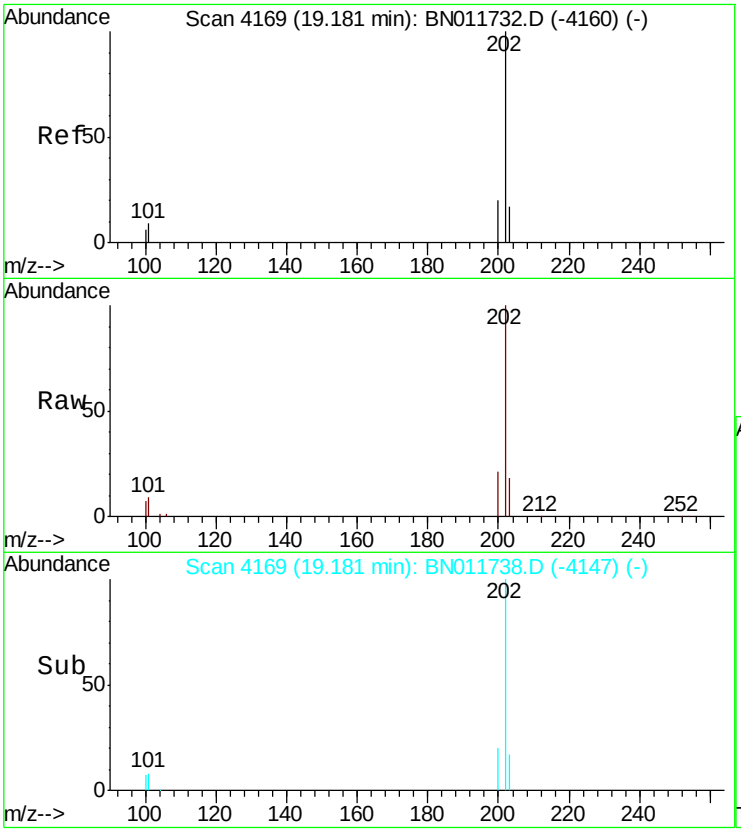


#13
Anthracene
Concen: 0.218 ng/ul
RT: 17.25 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BN011738.D
Acq: 08 Sep 2020 15:54

Tgt Ion:178 Resp: 5462

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.7	19.1
176	19.8	14.8	22.2

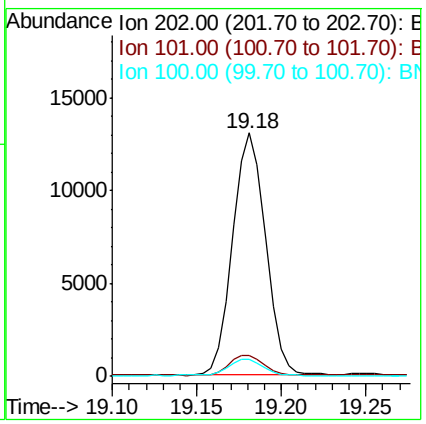




#15
Fluoranthene
Concen: 0.566 ng/ul
RT: 19.18 min Scan# 4169
Delta R.T. 0.00 min
Lab File: BN011738.D
Acq: 08 Sep 2020 15:54

Tgt Ion:202 Resp: 17678

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	29.1
100	7.0	0.0	27.4



Instrument :
BNA_N
ClientSampleId :
C0AB8DL

Manual Integrations APPROVED
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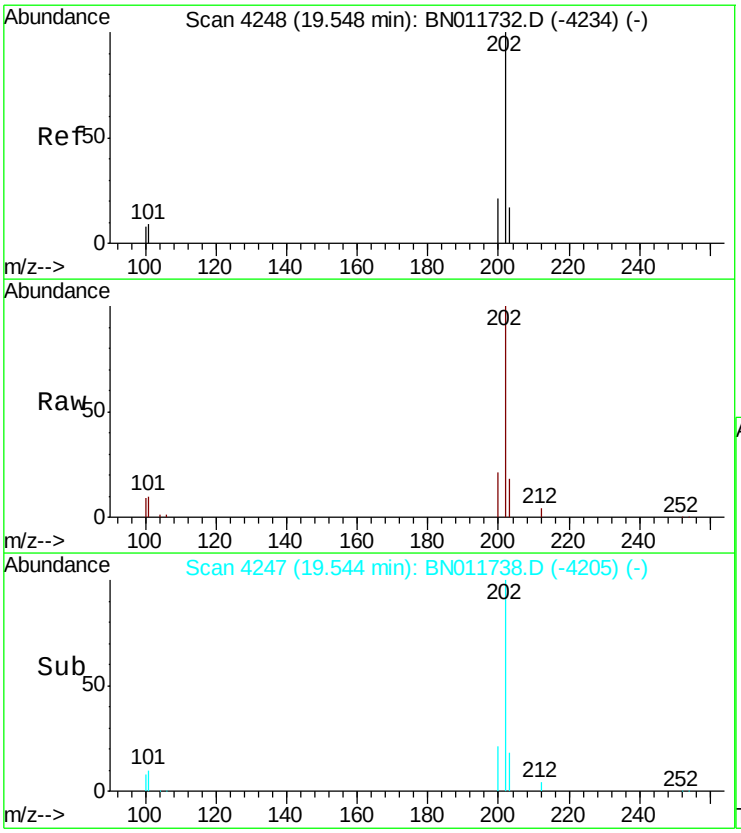
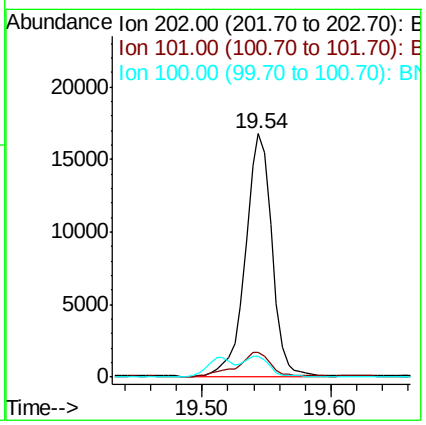
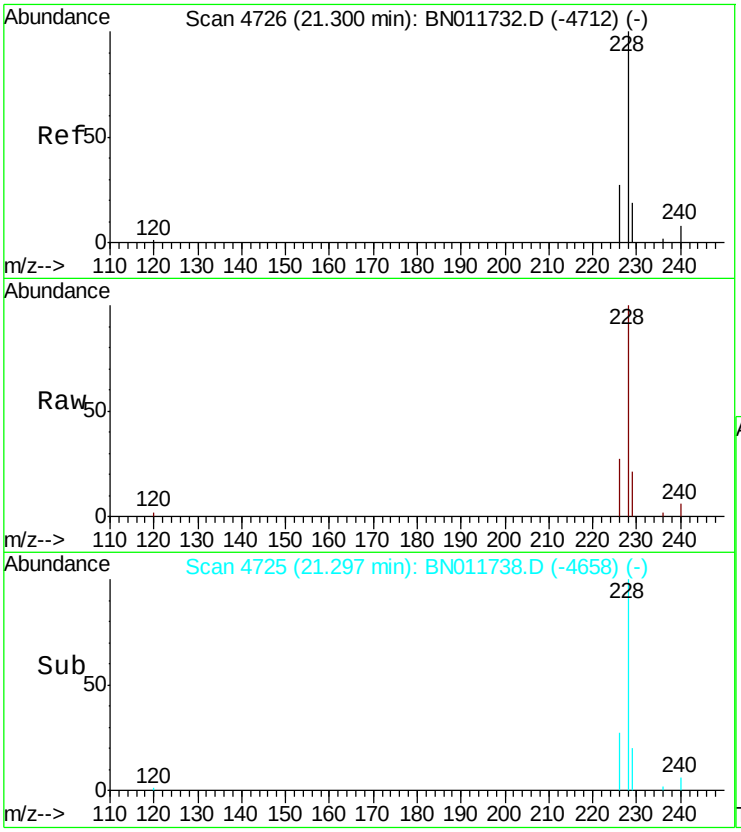


#17
Pyrene
Concen: 0.744 ng/ul
RT: 19.54 min Scan# 4247
Delta R.T. -0.00 min
Lab File: BN011738.D
Acq: 08 Sep 2020 15:54

Tgt Ion:202 Resp: 23873

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.0	12.0
100	8.7	6.5	9.7

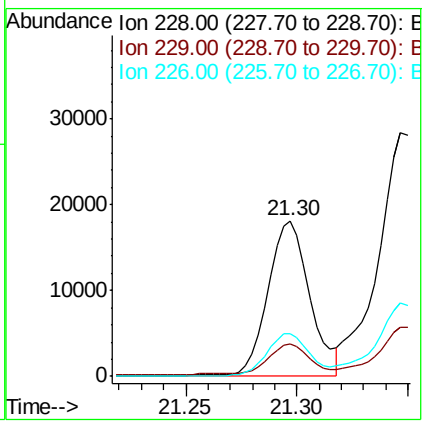




#18
Benzo(a)anthracene
Concen: 0.831 ng/ul
RT: 21.30 min Scan# 4725
Delta R.T. -0.00 min
Lab File: BN011738.D
Acq: 08 Sep 2020 15:54

Tgt Ion:228 Resp: 23350

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	27.4	21.9	32.9



Instrument :
BNA_N
ClientSampleId :
C0AB8DL

Manual Integrations APPROVED
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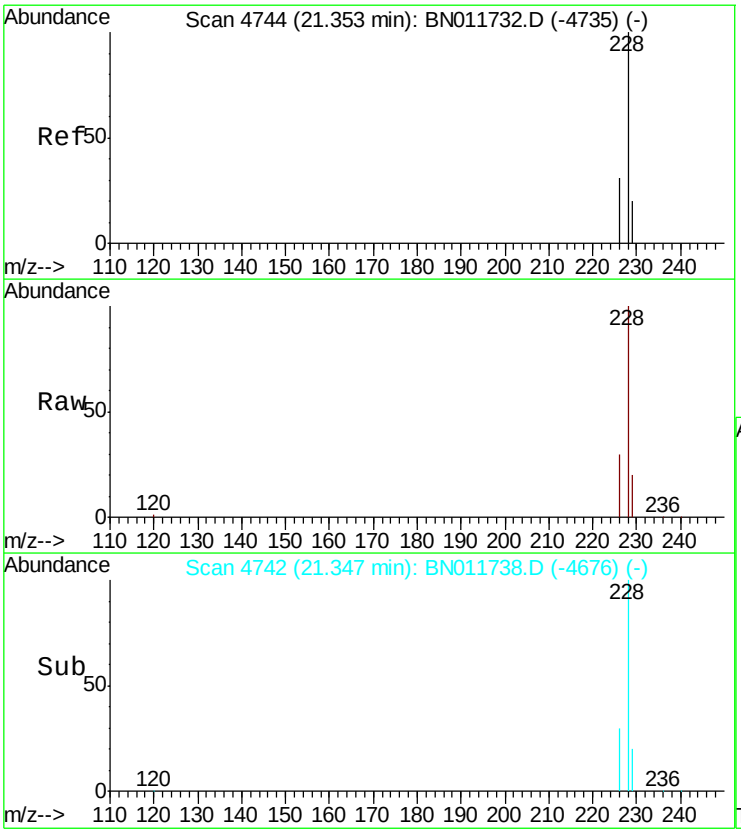
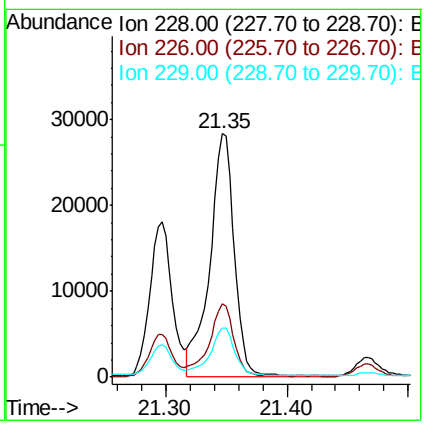
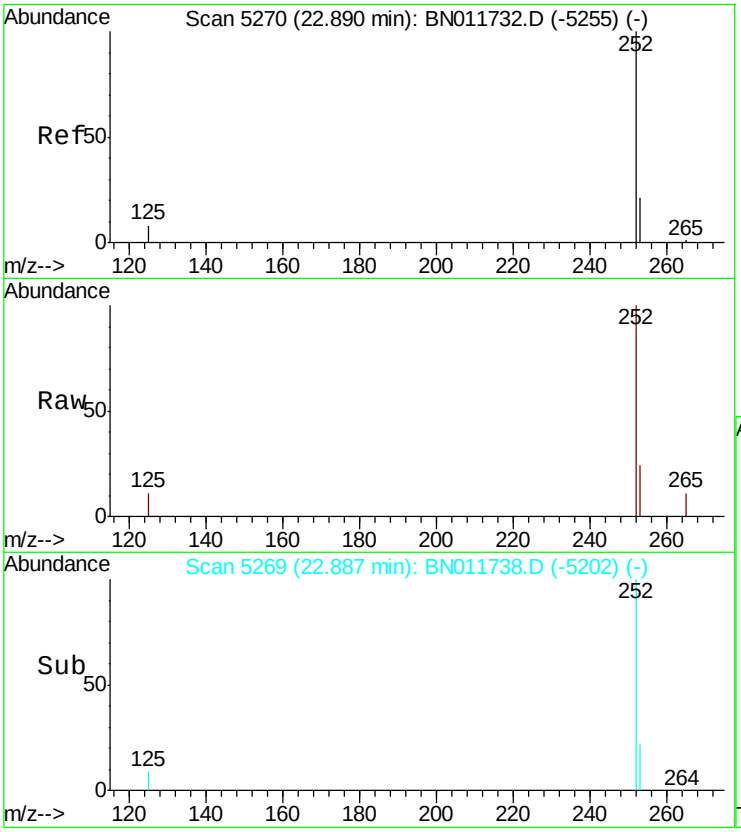


#19
Chrysene
Concen: 1.250 ng/ul
RT: 21.35 min Scan# 4742
Delta R.T. -0.01 min
Lab File: BN011738.D
Acq: 08 Sep 2020 15:54

Tgt Ion:228 Resp: 39239

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	19.9	15.9	23.9

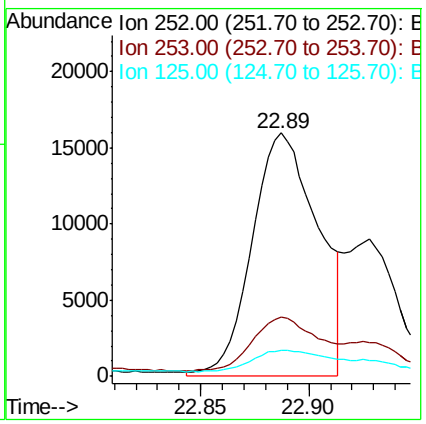




#21
Benzo(b)fluoranthene
Concen: 1.115 ng/ul m
RT: 22.89 min Scan# 5269
Delta R.T. -0.00 min
Lab File: BN011738.D
Acq: 08 Sep 2020 15:54

Tgt Ion:252 Resp: 33949

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	50.6
125	10.6	0.0	23.6



Instrument :
BNA_N
ClientSampleId :
C0AB8DL

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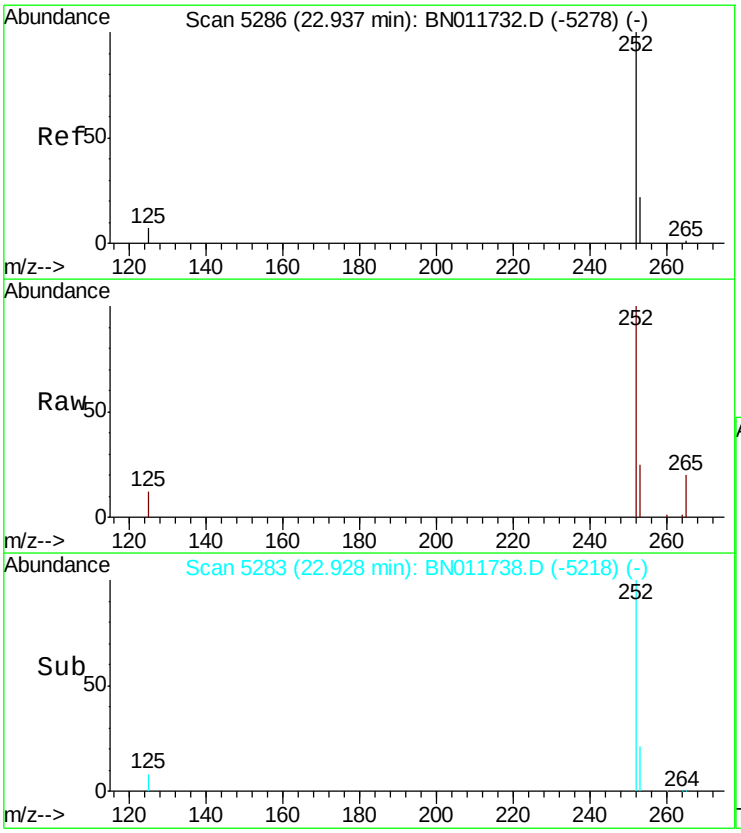
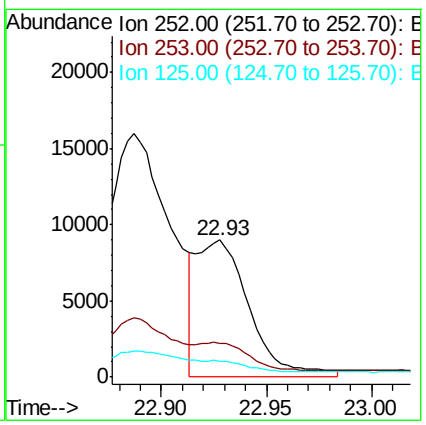
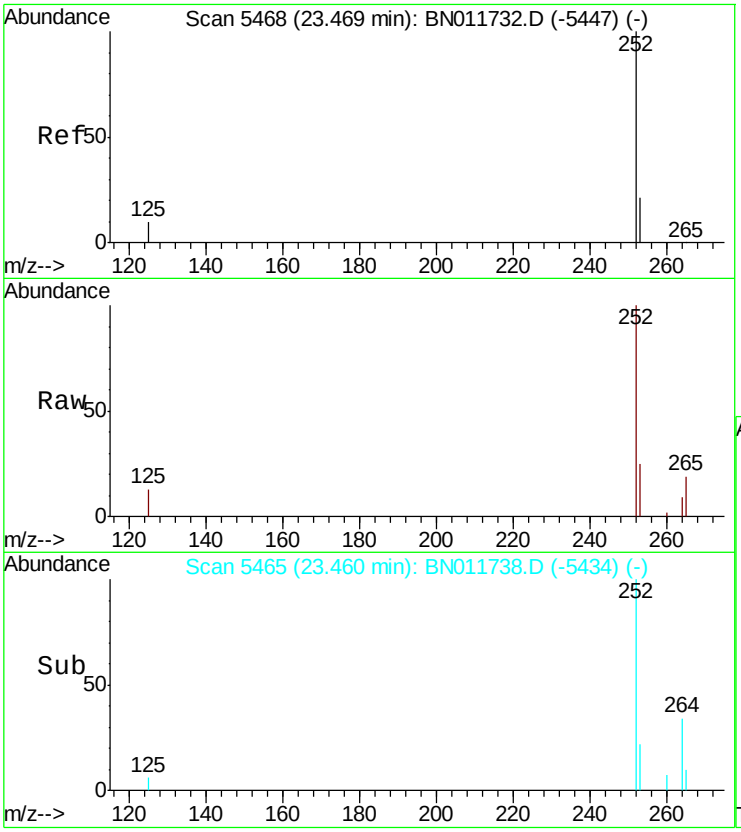


#22
Benzo(k)fluoranthene
Concen: 0.504 ng/ul m
RT: 22.93 min Scan# 5283
Delta R.T. -0.01 min
Lab File: BN011738.D
Acq: 08 Sep 2020 15:54

Tgt Ion:252 Resp: 15743

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.7	31.1
125	11.6	9.7	14.5





#23
Benzo(a)pyrene
Concen: 0.763 ng/ul
RT: 23.46 min Scan# 5465
Delta R.T. -0.01 min
Lab File: BN011738.D
Acq: 08 Sep 2020 15:54

Tgt Ion:252 Resp: 20063

Ion	Ratio	Lower	Upper
252	100		
253	24.9	21.6	32.4
125	12.5	12.6	18.8#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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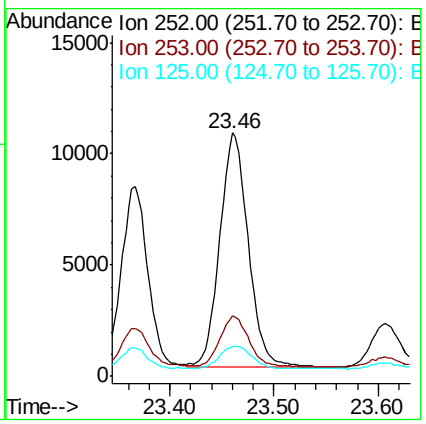
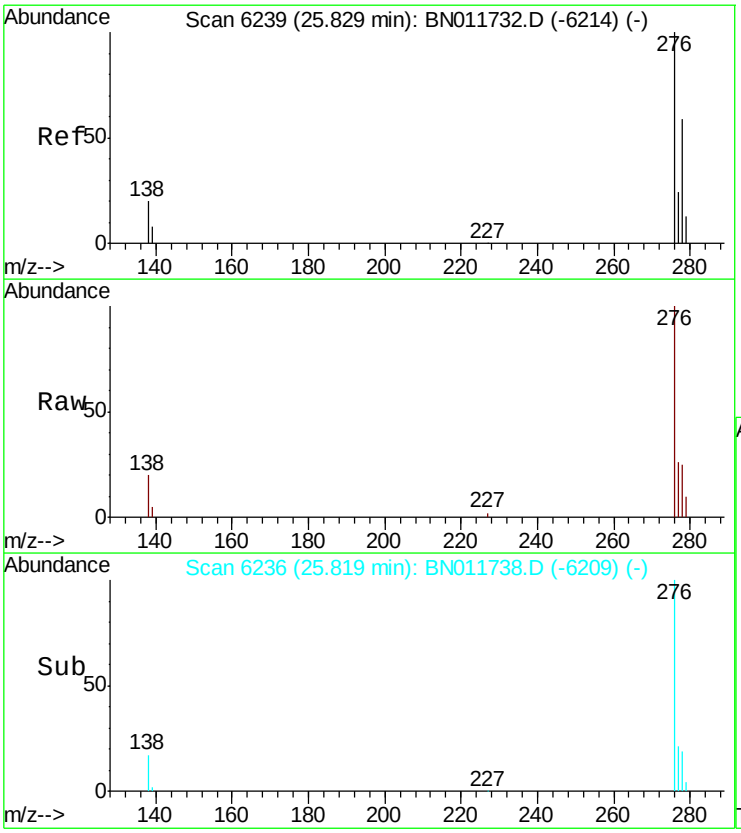
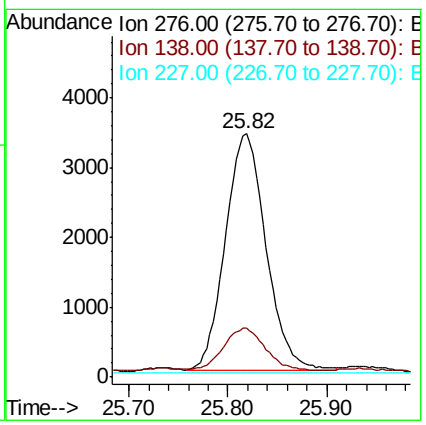


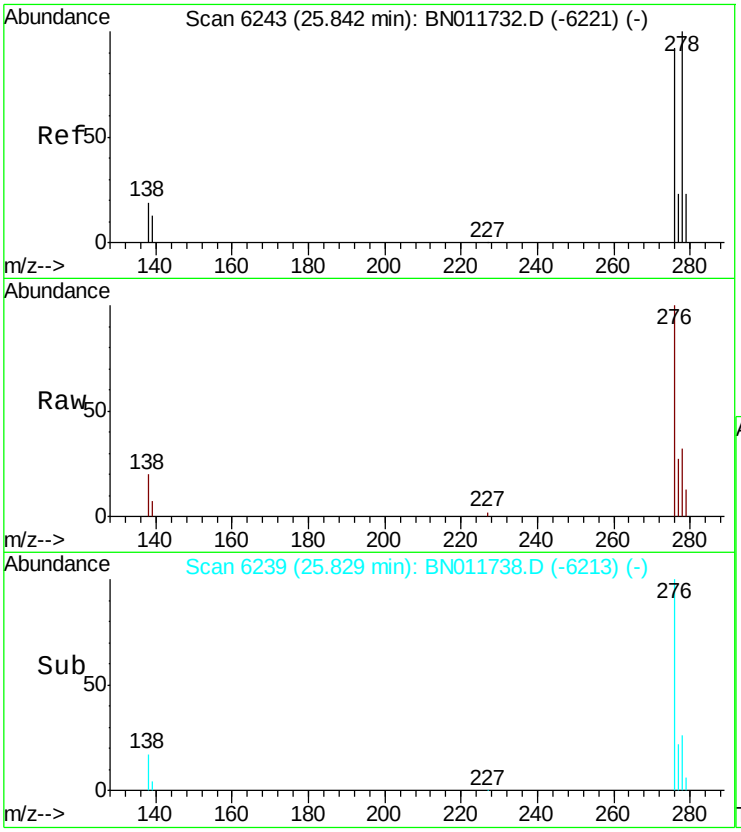


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.279 ng/ul
RT: 25.82 min Scan# 6236
Delta R.T. -0.01 min
Lab File: BN011738.D
Acq: 08 Sep 2020 15:54

Tgt Ion:276 Resp: 9652

Ion	Ratio	Lower	Upper
276	100		
138	18.3	0.0	0.0#
227	0.1	0.1	0.1#

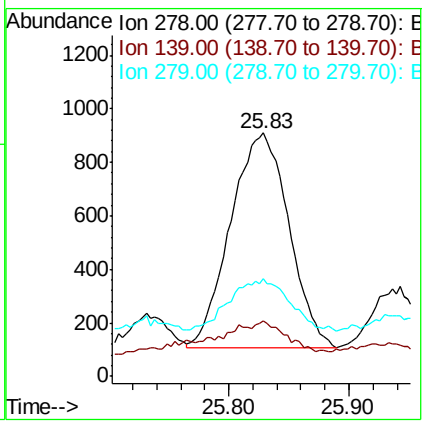




#25
Dibenzo(a,h)anthracene
Concen: 0.095 ng/ul
RT: 25.83 min Scan# 6239
Delta R.T. -0.01 min
Lab File: BN011738.D
Acq: 08 Sep 2020 15:54

Tgt Ion:278 Resp: 2693

Ion	Ratio	Lower	Upper
278	100		
139	22.9	12.4	18.6#
279	40.0	21.8	32.6#



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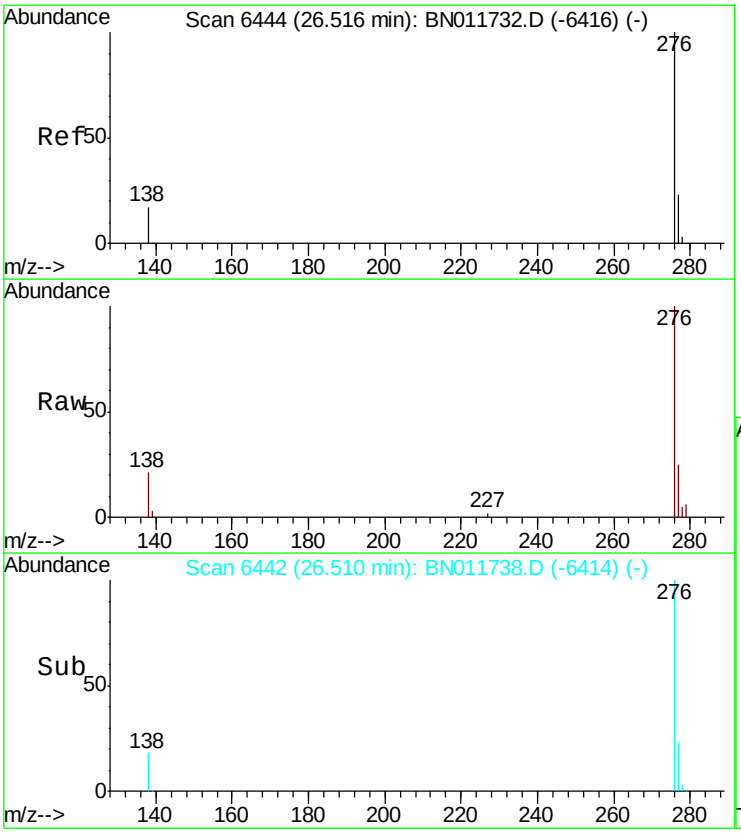

#26
Benzo(g,h,i)perylene
Concen: 0.281 ng/ul
RT: 26.51 min Scan# 6442
Delta R.T. -0.01 min
Lab File: BN011738.D
Acq: 08 Sep 2020 15:54

Tgt Ion:276 Resp: 8496

Ion	Ratio	Lower	Upper
276	100		
138	20.5	14.7	22.1
277	25.1	19.5	29.3