Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011706.D
Acq On : 04 Sep 2020 17:33
Operator : CG/JU
Sample : L3840-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB3

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:37 PM

Quant Time: Sep 04 18:06:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2476	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9795	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	5783	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	12201m	0.40	ng/ul	0.00
16) Chrysene-d12	21.32	240	10768	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	10737	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	5643	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	11743	0.34	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	1299	0.045	ng/ul#	89
7) Acenaphthylene	14.10	152	2757	0.095	ng/ul	99
12) Phenanthrene	17.16	178	3321	0.080	ng/ul	99
13) Anthracene	17.26	178	5302	0.156	ng/ul	100
15) Fluoranthene	19.19	202	5523	0.116	ng/ul	94
17) Pyrene	19.55	202	15451	0.367	ng/ul#	92
18) Benzo(a)anthracene	21.30	228	12207	0.338	ng/ul	99
19) Chrysene	21.35	228	28628	0.588	ng/ul	100
21) Benzo(b)fluoranthene	22.89	252	29210m	0.626	ng/ul	
22) Benzo(k)fluoranthene	22.94	252	13819m	0.268	ng/ul	
23) Benzo(a)pyrene	23.47	252	17434	0.445	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.84	276	10874	0.205	ng/ul	98
25) Dibenzo(a,h)anthracene	25.84	278	3181	0.074	ng/ul#	81
26) Benzo(g,h,i)perylene	26.52	276	10427	0.210	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011706.D
Acq On : 04 Sep 2020 17:33
Operator : CG/JU
Sample : L3840-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 04 18:06:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB3

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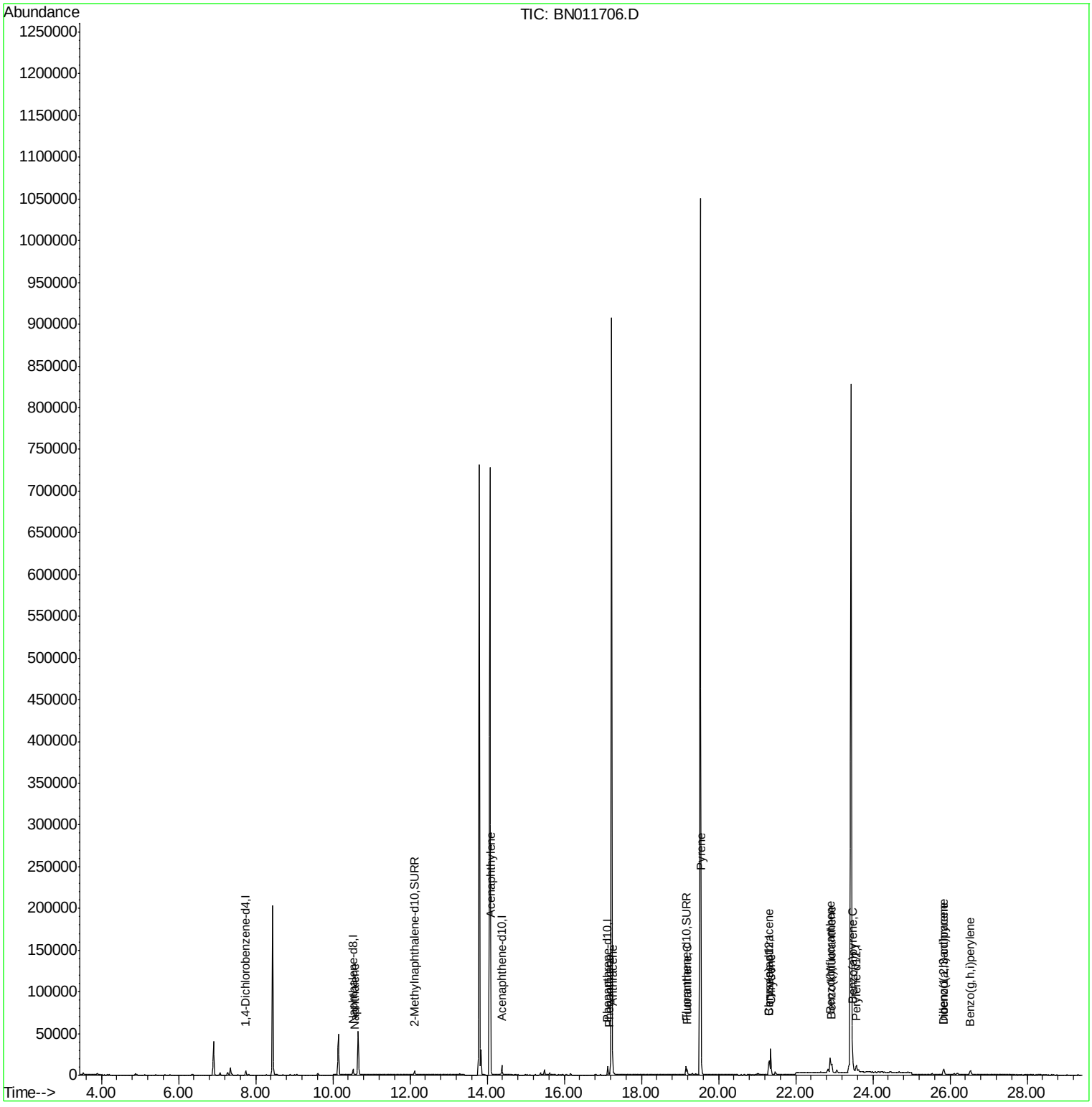

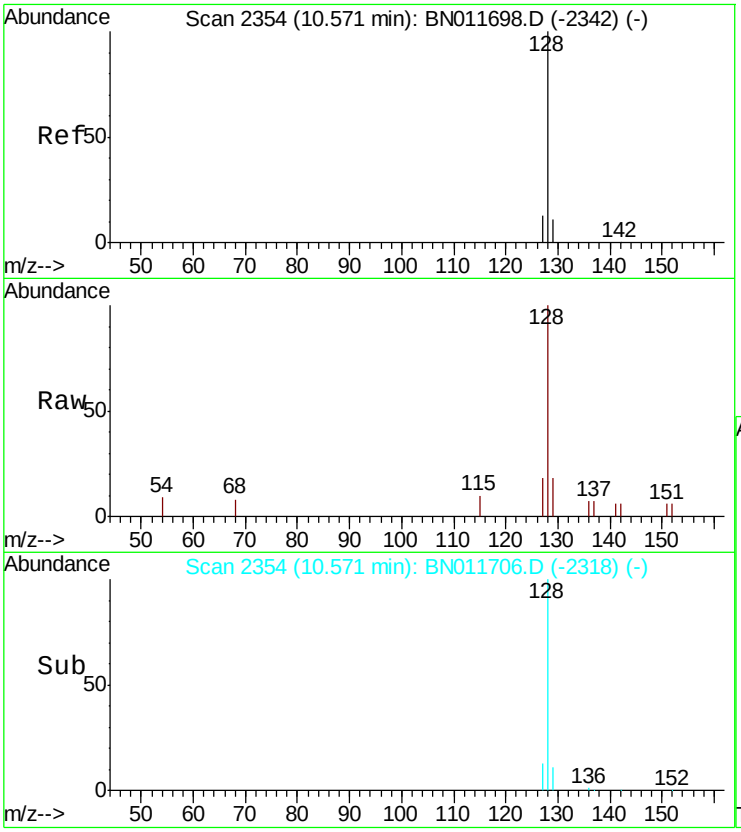

#3
Naphthalene
Concen: 0.045 ng/ul
RT: 10.57 min Scan# 2354
Delta R.T. 0.00 min
Lab File: BN011706.D
Acq: 04 Sep 2020 17:33

Tgt Ion:128 Resp: 1299

Ion	Ratio	Lower	Upper
128	100		
129	18.5	10.4	15.6#
127	18.0	11.4	17.0#

Instrument :
BNA_N
ClientSampleId :
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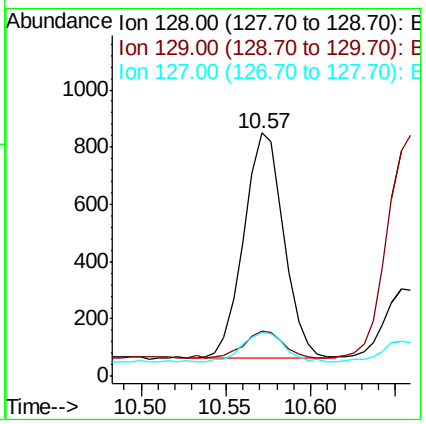
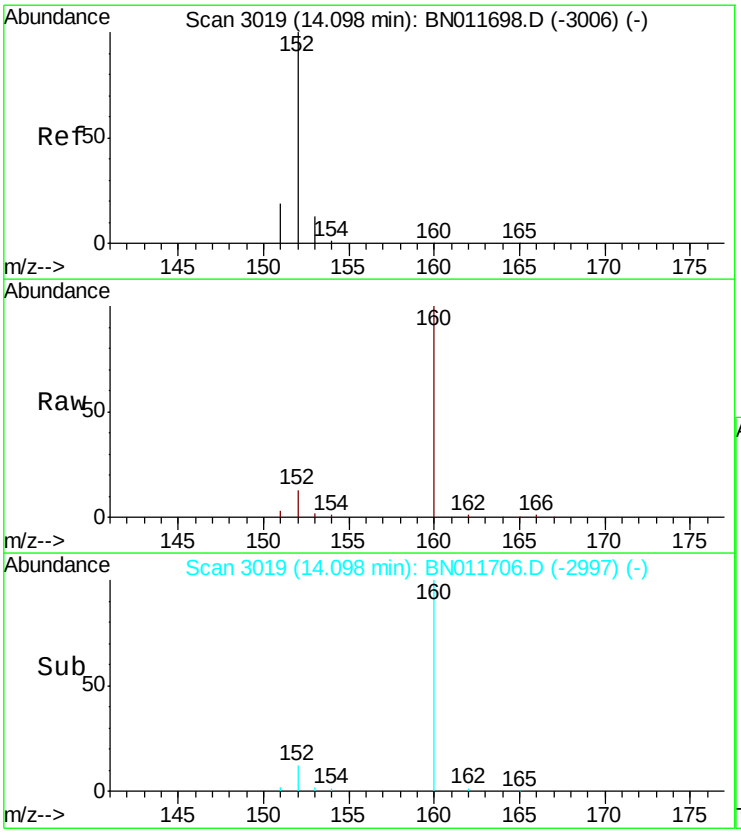
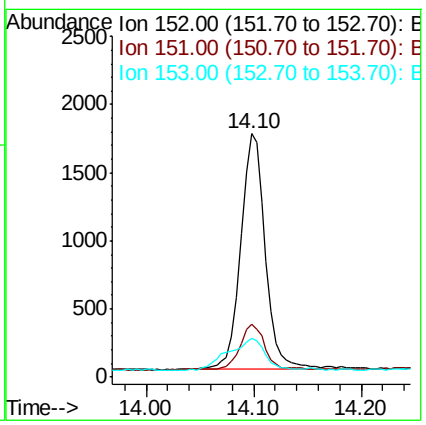


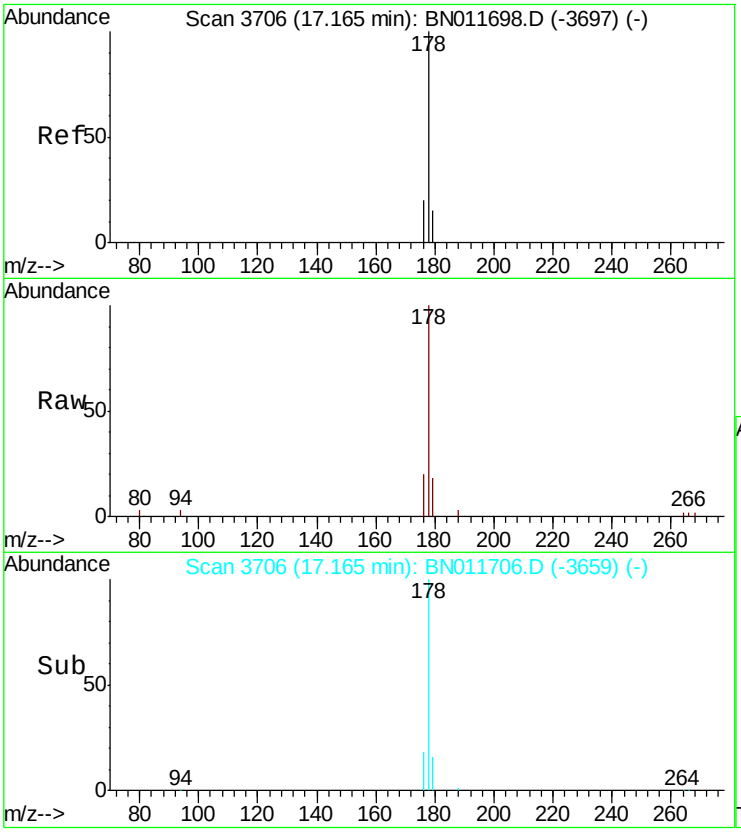


#7
Acenaphthylene
Concen: 0.095 ng/ul
RT: 14.10 min Scan# 3019
Delta R.T. 0.00 min
Lab File: BN011706.D
Acq: 04 Sep 2020 17:33

Tgt Ion:152 Resp: 2757

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.7	25.1
153	16.0	12.3	18.5

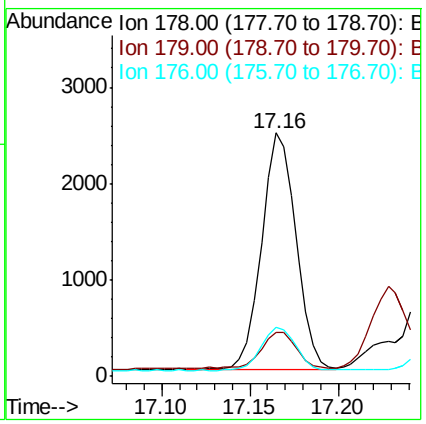




#12
Phenanthrene
Concen: 0.080 ng/ul
RT: 17.16 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BN011706.D
Acq: 04 Sep 2020 17:33

Tgt Ion:178 Resp: 3321

Ion	Ratio	Lower	Upper
178	100		
179	18.2	13.8	20.8
176	20.0	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
C0AB3

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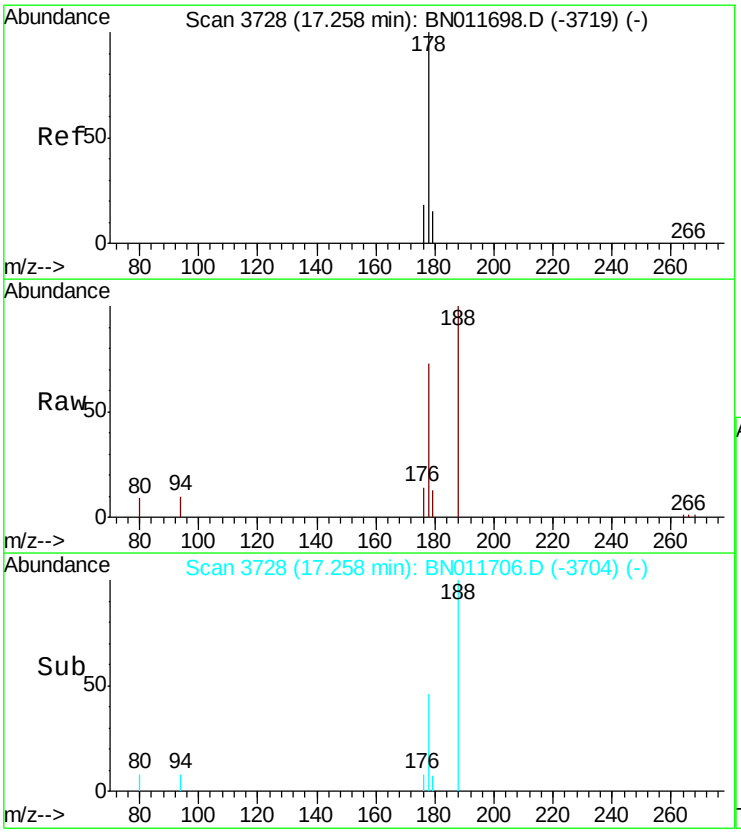
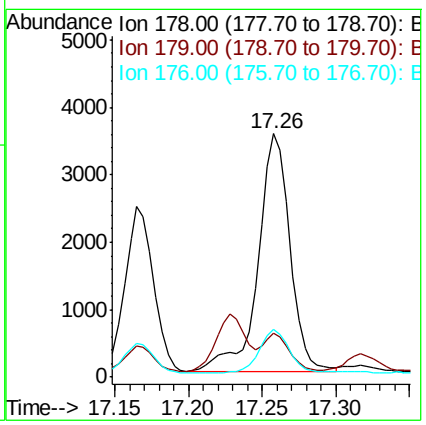
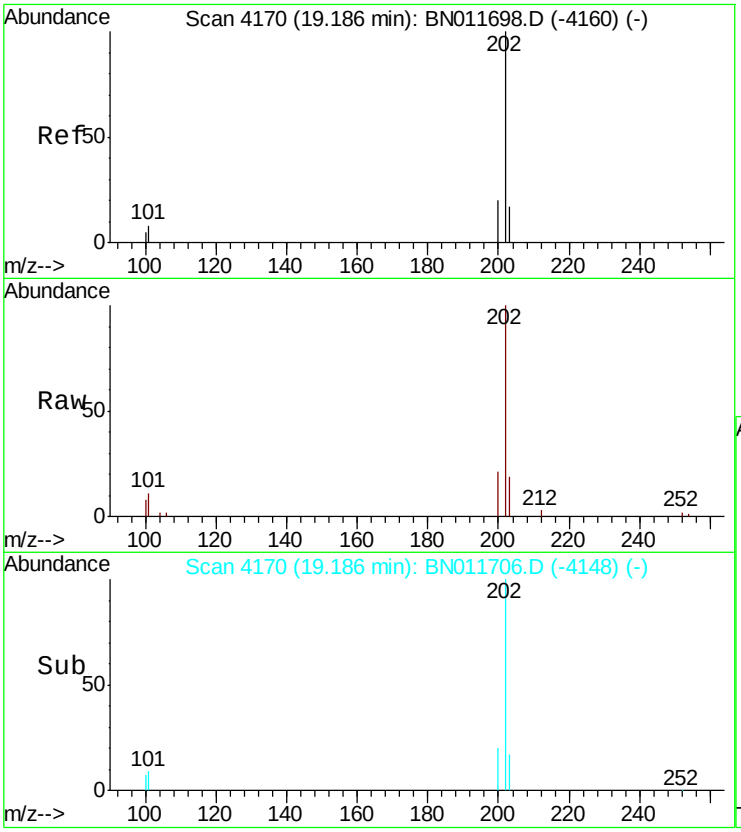


#13
Anthracene
Concen: 0.156 ng/ul
RT: 17.26 min Scan# 3728
Delta R.T. 0.00 min
Lab File: BN011706.D
Acq: 04 Sep 2020 17:33

Tgt Ion:178 Resp: 5302

Ion	Ratio	Lower	Upper
178	100		
179	17.8	14.2	21.2
176	19.7	15.8	23.8

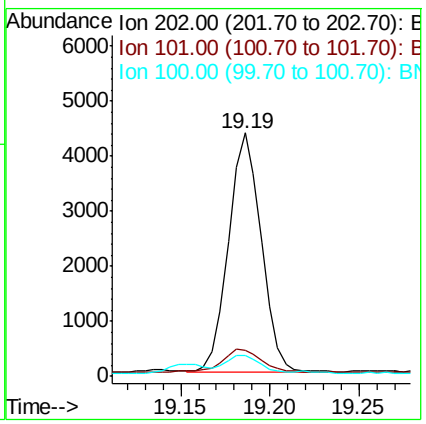




#15
Fluoranthene
Concen: 0.116 ng/ul
RT: 19.19 min Scan# 4170
Delta R.T. 0.00 min
Lab File: BN011706.D
Acq: 04 Sep 2020 17:33

Tgt Ion:202 Resp: 5523

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	28.3
100	8.4	0.0	27.1



Instrument :
BNA_N
ClientSampleId :
C0AB3

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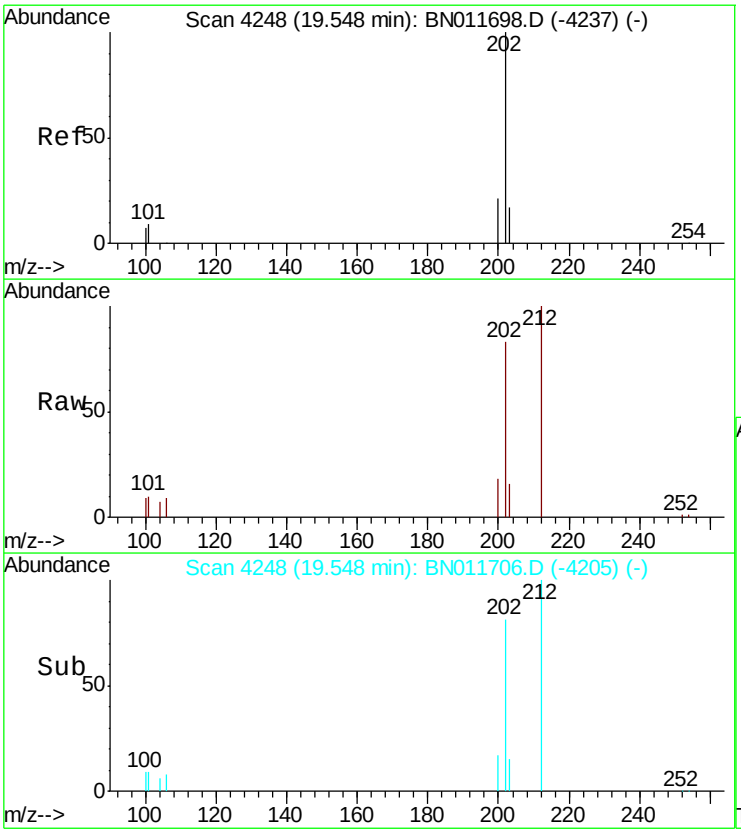
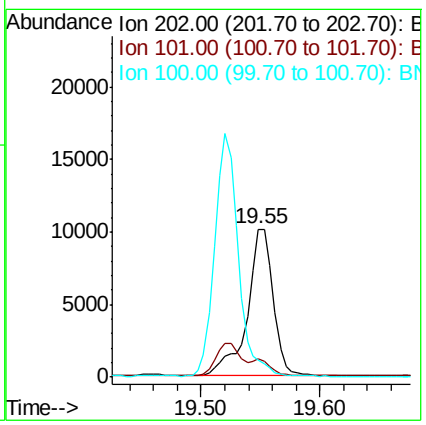
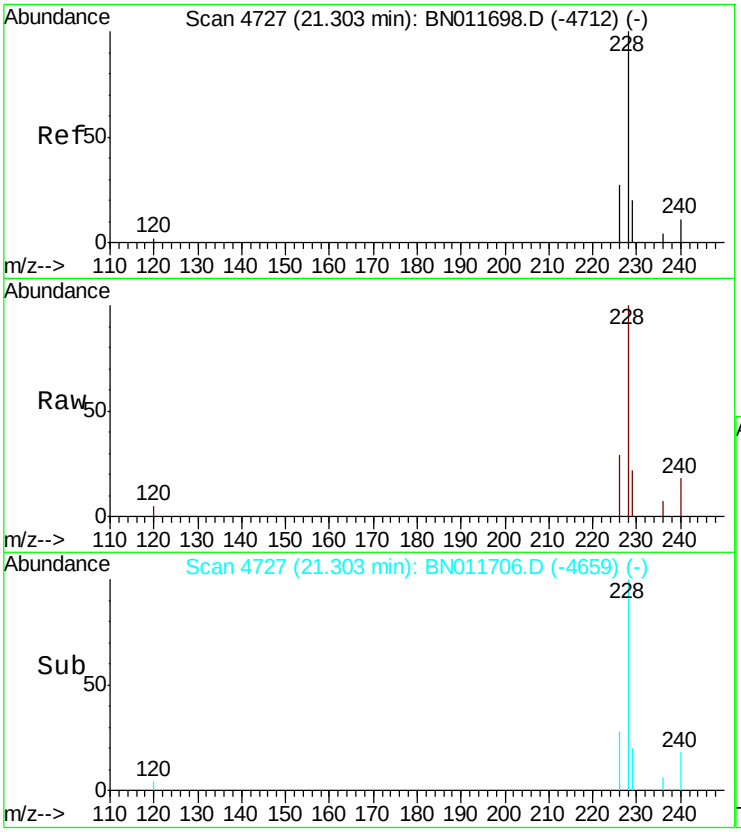


#17
Pyrene
Concen: 0.367 ng/ul
RT: 19.55 min Scan# 4248
Delta R.T. 0.00 min
Lab File: BN011706.D
Acq: 04 Sep 2020 17:33

Tgt Ion:202 Resp: 15451

Ion	Ratio	Lower	Upper
202	100		
101	12.0	7.3	10.9#
100	11.2	6.7	10.1#

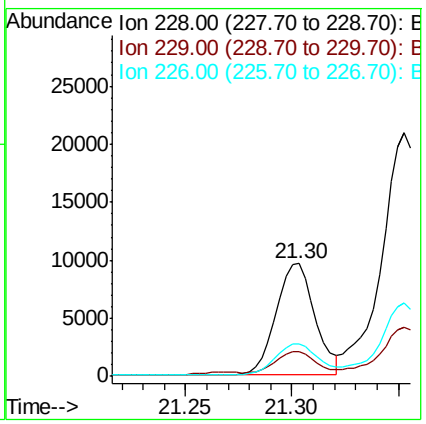




#18
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.30 min Scan# 4727
Delta R.T. 0.00 min
Lab File: BN011706.D
Acq: 04 Sep 2020 17:33

Tgt Ion:228 Resp: 12207

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.7	25.1
226	29.1	22.9	34.3



Instrument :
BNA_N
ClientSampleId :
C0AB3

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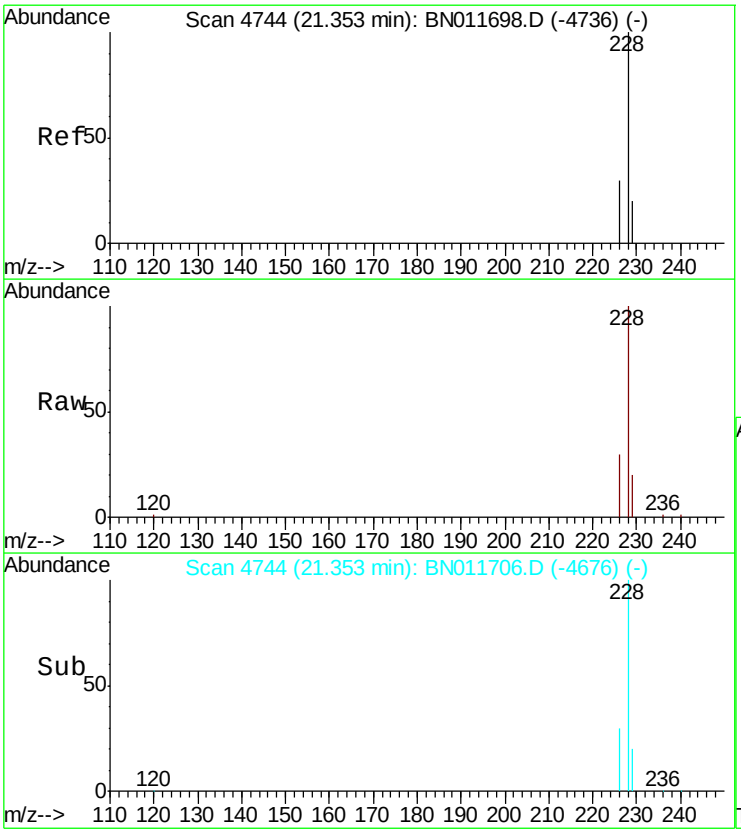
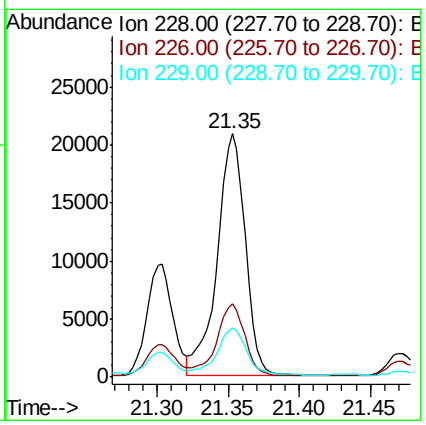
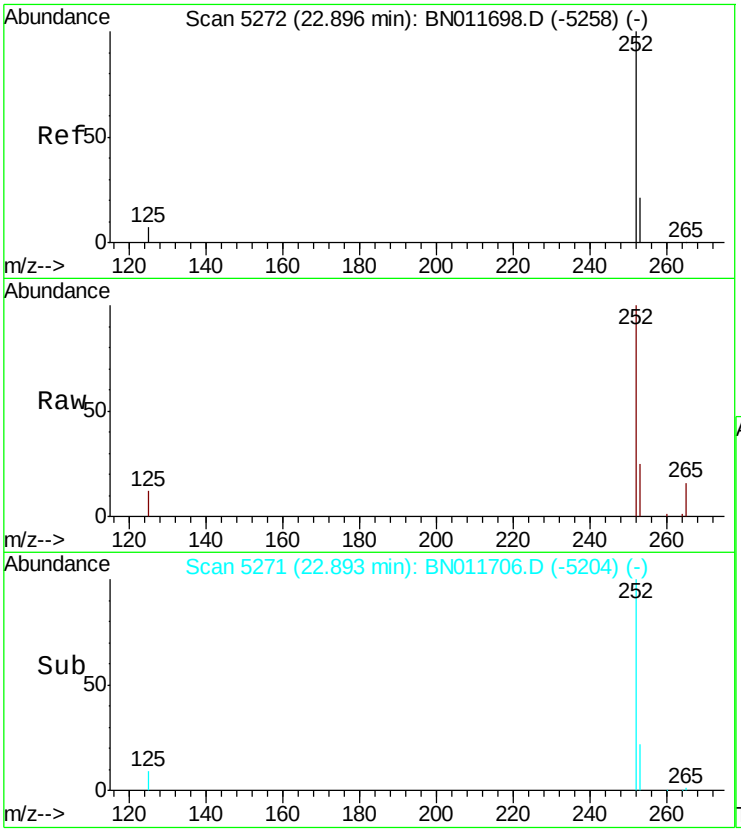


#19
Chrysene
Concen: 0.588 ng/ul
RT: 21.35 min Scan# 4744
Delta R.T. 0.00 min
Lab File: BN011706.D
Acq: 04 Sep 2020 17:33

Tgt Ion:228 Resp: 28628

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	20.3	16.4	24.6





#21
Benzo(b)fluoranthene
Concen: 0.626 ng/ul m
RT: 22.89 min Scan# 5271
Delta R.T. -0.00 min
Lab File: BN011706.D
Acq: 04 Sep 2020 17:33

Tgt Ion:252 Resp: 29210

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	54.8
125	12.3	0.0	22.2

Instrument :
BNA_N
ClientSampleId :
C0AB3

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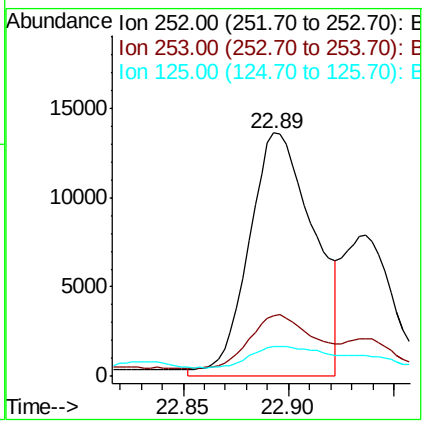
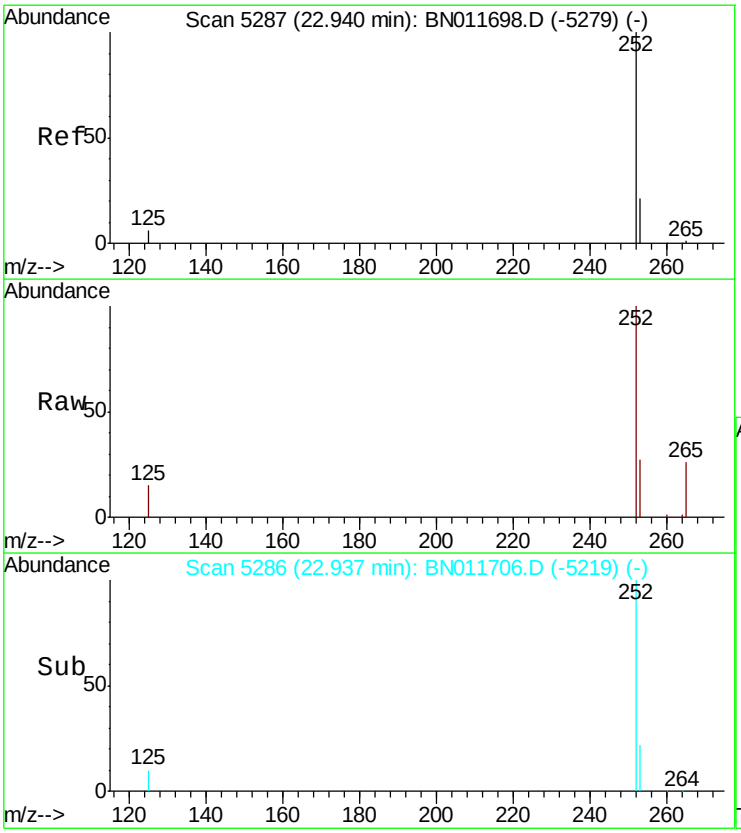
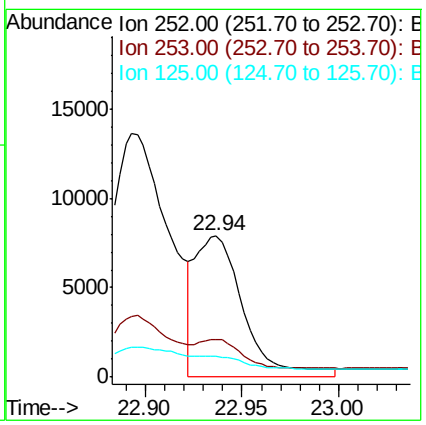


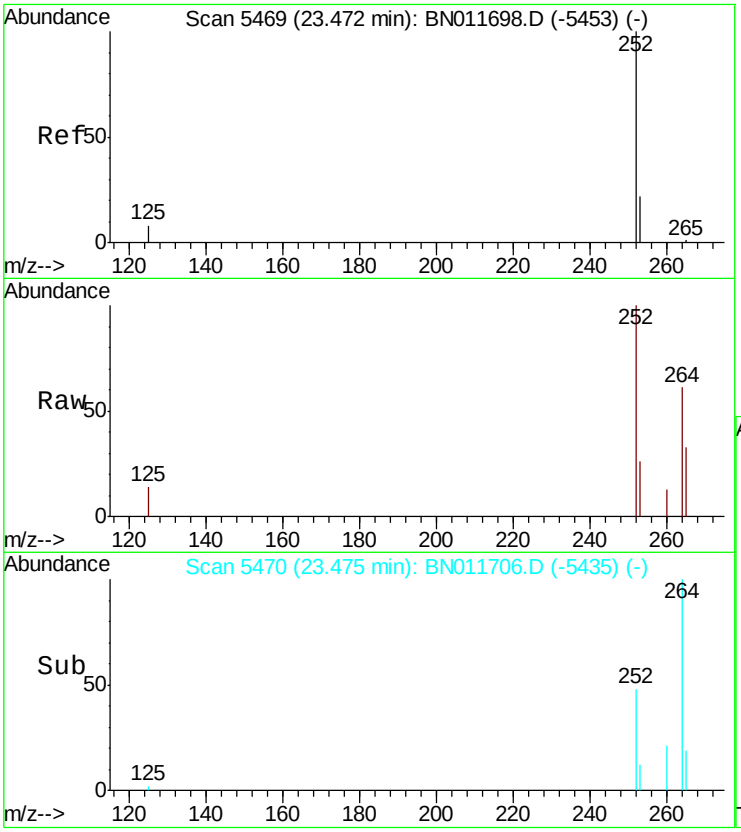


#22
Benzo(k)fluoranthene
Concen: 0.268 ng/ul m
RT: 22.94 min Scan# 5286
Delta R.T. -0.00 min
Lab File: BN011706.D
Acq: 04 Sep 2020 17:33

Tgt Ion:252 Resp: 13819

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.8	32.6
125	15.0	9.1	13.7#





#23
Benzo(a)pyrene
Concen: 0.445 ng/ul
RT: 23.47 min Scan# 5470
Delta R.T. 0.00 min
Lab File: BN011706.D
Acq: 04 Sep 2020 17:33

Tgt Ion:252 Resp: 17434

Ion	Ratio	Lower	Upper
252	100		
253	26.4	24.4	36.6
125	14.2	11.1	16.7

Instrument :
BNA_N
ClientSampleId :
C0AB3

Manual Integrations APPROVED
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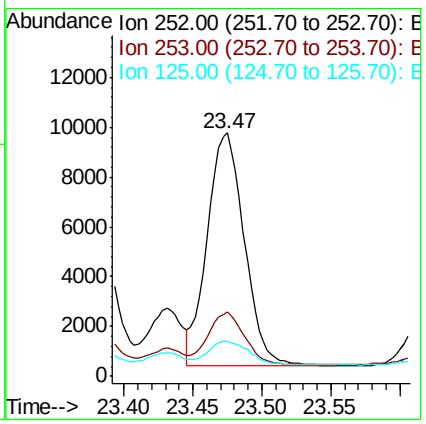
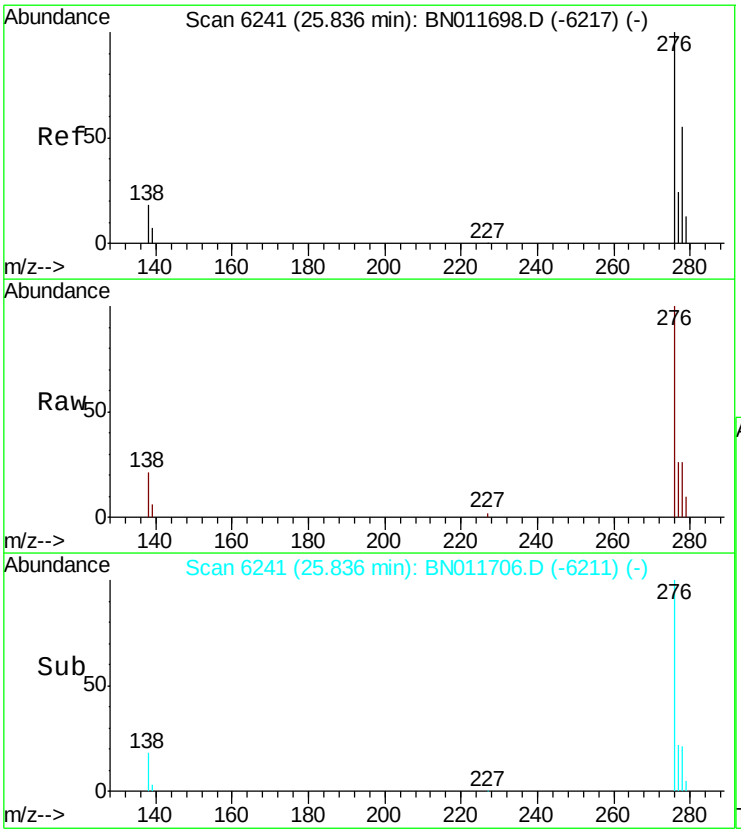
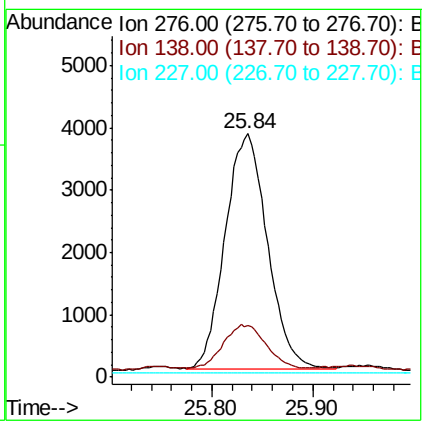


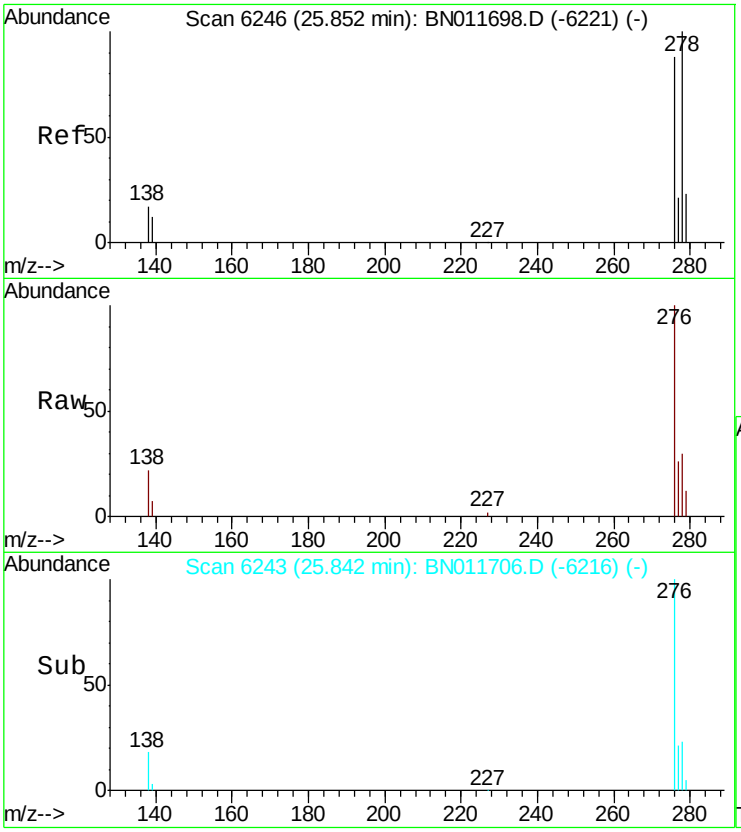


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.205 ng/ul
RT: 25.84 min Scan# 6241
Delta R.T. 0.00 min
Lab File: BN011706.D
Acq: 04 Sep 2020 17:33

Tgt Ion:276 Resp: 10874

Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.8	23.6
227	0.2	0.2	0.2





#25
Dibenzo(a,h)anthracene
Concen: 0.074 ng/ul
RT: 25.84 min Scan# 6243
Delta R.T. -0.01 min
Lab File: BN011706.D
Acq: 04 Sep 2020 17:33

Tgt Ion:278 Resp: 3181

Ion	Ratio	Lower	Upper
278	100		
139	22.2	12.1	18.1#
279	39.4	22.9	34.3#

Instrument :
BNA_N
ClientSampleId :
C0AB3

Manual Integrations APPROVED
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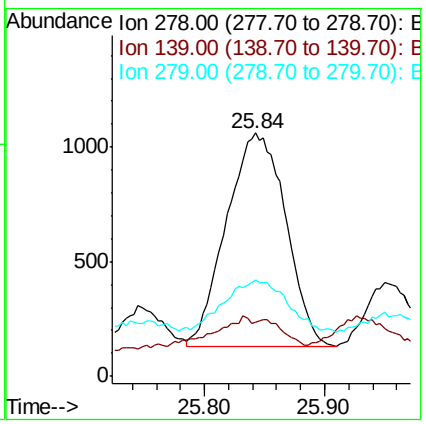

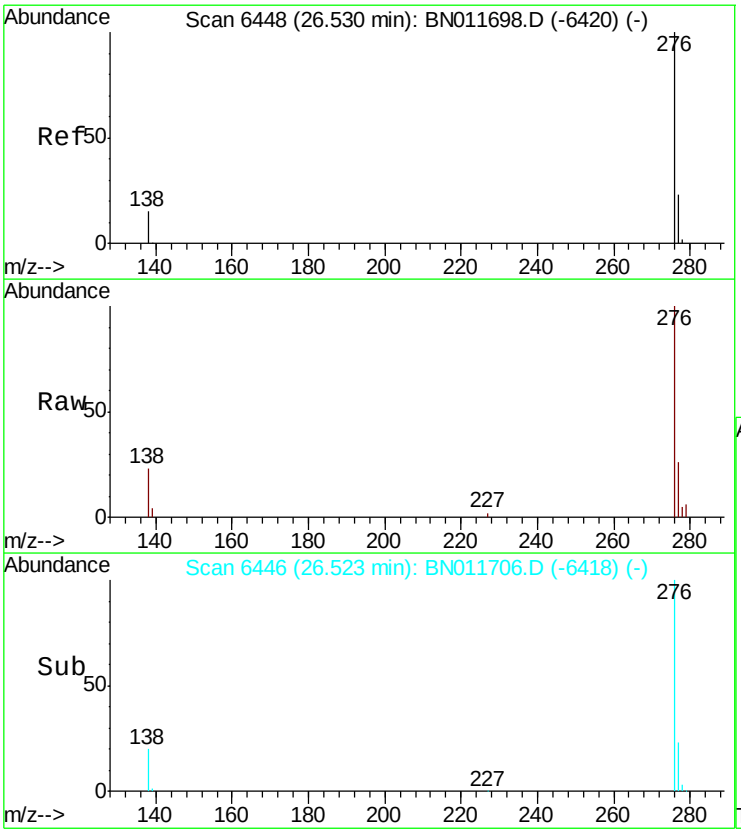

#26
Benzo(g,h,i)perylene
Concen: 0.210 ng/ul
RT: 26.52 min Scan# 6446
Delta R.T. -0.01 min
Lab File: BN011706.D
Acq: 04 Sep 2020 17:33

Tgt Ion:276 Resp: 10427

Ion	Ratio	Lower	Upper
276	100		
138	23.2	15.8	23.6
277	25.9	20.6	31.0