Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011703.D
Acq On : 04 Sep 2020 15:44
Operator : CG/JU
Sample : L3840-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB5

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:54 PM

Quant Time: Sep 04 16:30:15 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	2097	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8134	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4841	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	10242m	0.40	ng/ul	0.00
16) Chrysene-d12	21.32	240	8907	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	8819	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	5182	0.45	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	10447	0.36	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	4293	0.181	ng/ul	98
5) 2-Methylnaphthalene	12.19	142	513	0.034	ng/ul	95
7) Acenaphthylene	14.10	152	2761	0.113	ng/ul	97
8) Acenaphthene	14.44	153	494	0.026	ng/ul	97
9) Fluorene	15.43	166	618	0.028	ng/ul#	93
12) Phenanthrene	17.16	178	2236	0.065	ng/ul	96
13) Anthracene	17.26	178	3727	0.131	ng/ul	98
15) Fluoranthene	19.19	202	7065	0.177	ng/ul	97
17) Pyrene	19.55	202	34281	0.985	ng/ul	99
18) Benzo(a)anthracene	21.30	228	7758	0.260	ng/ul	95
19) Chrysene	21.35	228	18558	0.460	ng/ul	99
21) Benzo(b)fluoranthene	22.90	252	33044m	0.862	ng/ul	
22) Benzo(k)fluoranthene	22.94	252	13487m	0.318	ng/ul	
23) Benzo(a)pyrene	23.47	252	20638	0.641	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.84	276	12660	0.291	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.84	278	3665	0.103	ng/ul#	84
26) Benzo(g,h,i)perylene	26.52	276	12171	0.299	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011703.D
Acq On : 04 Sep 2020 15:44
Operator : CG/JU
Sample : L3840-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 16:30:15 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 :
C0AB5

Manual Integrations APPROVED
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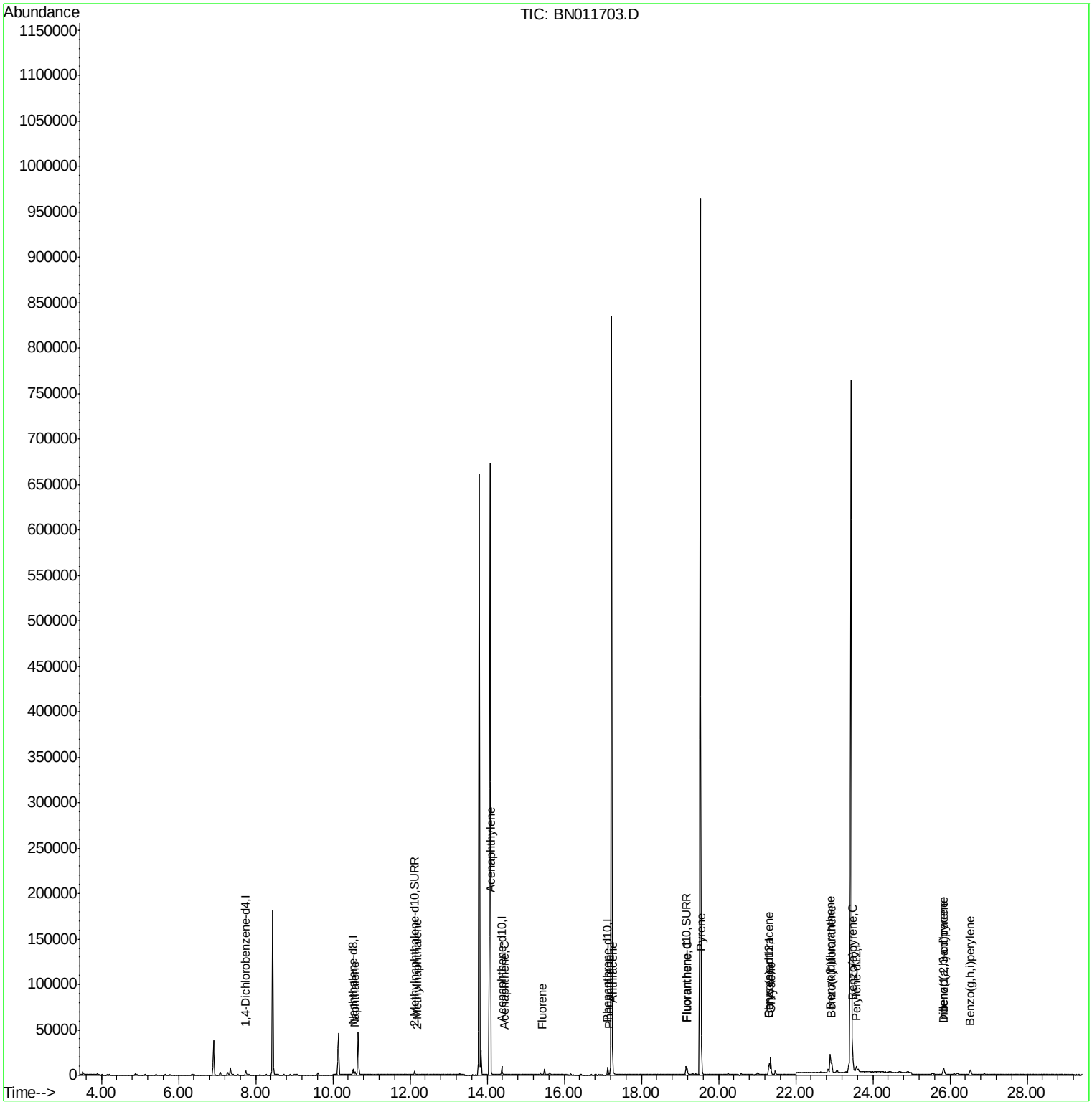
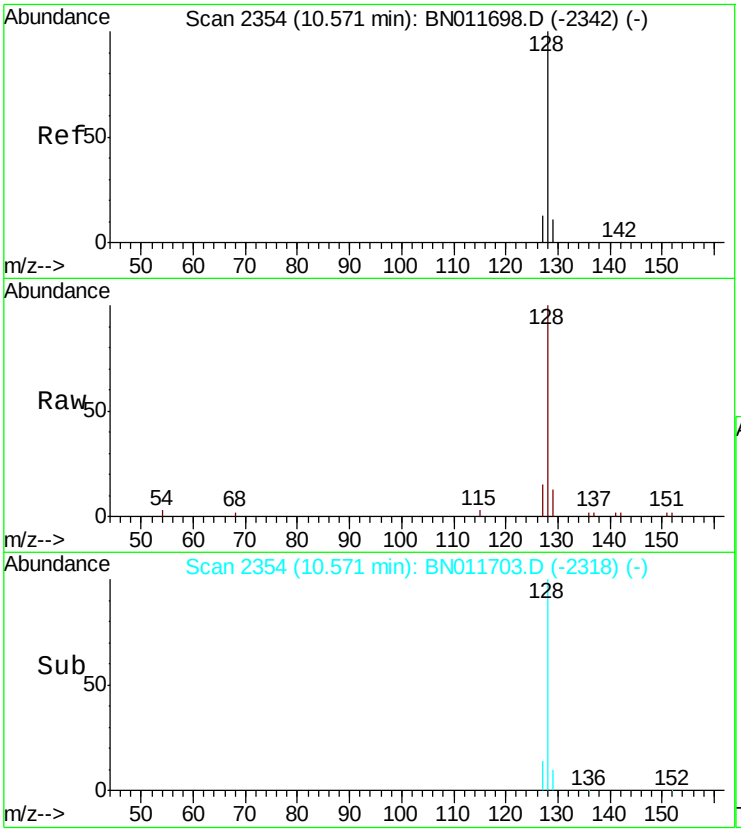
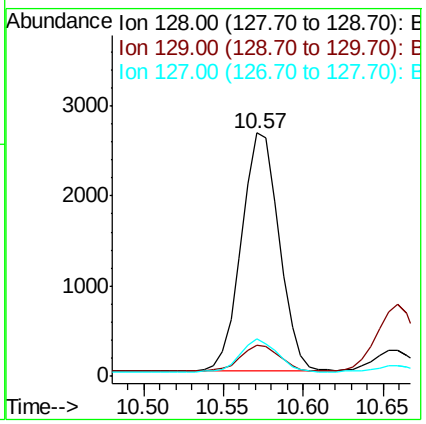




#3
Naphthalene
Concen: 0.181 ng/ul
RT: 10.57 min Scan# 2354
Delta R.T. 0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:128 Resp: 4293

Ion	Ratio	Lower	Upper
128	100		
129	12.7	10.4	15.6
127	15.2	11.4	17.0



Instrument :
BNA_N
ClientSampleId :
C0AB5

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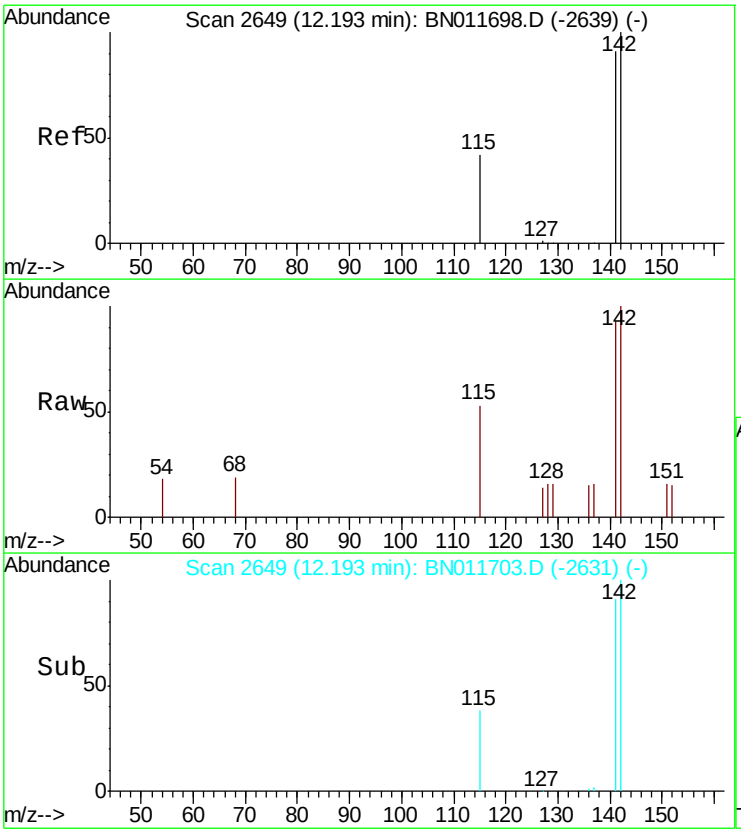
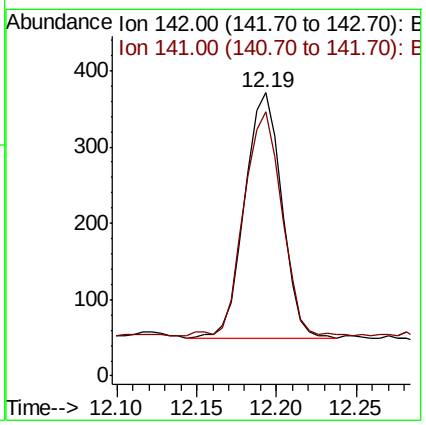
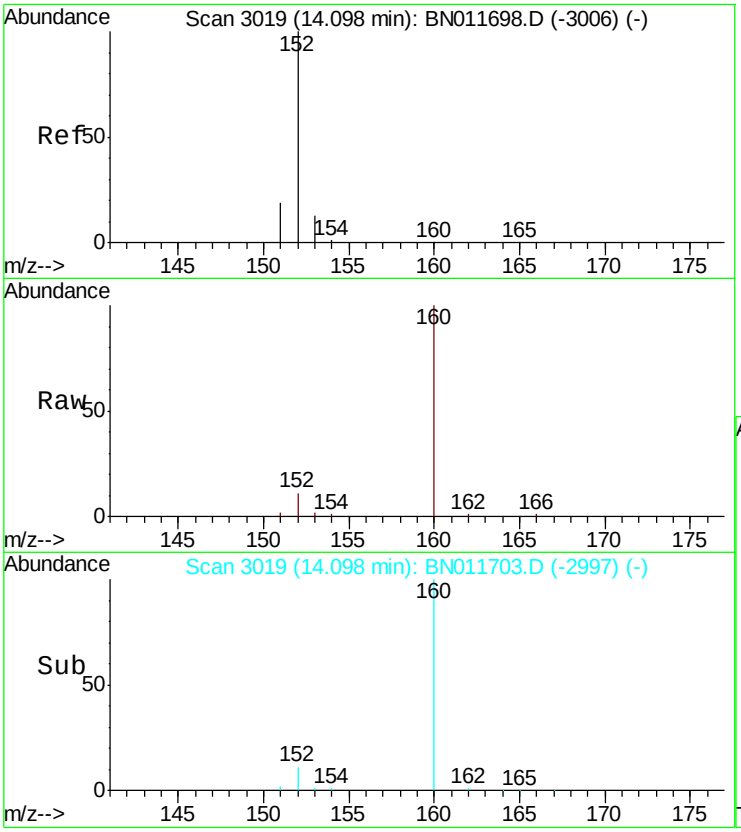


#5
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.19 min Scan# 2649
Delta R.T. 0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:142 Resp: 513

Ion	Ratio	Lower	Upper
142	100		
141	94.5	72.1	108.1

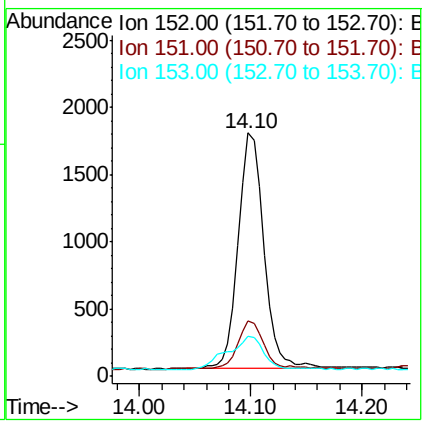




#7
Acenaphthylene
Concen: 0.113 ng/ul
RT: 14.10 min Scan# 3019
Delta R.T. 0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:152 Resp: 2761

Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.7	25.1
153	16.6	12.3	18.5



Instrument :
BNA_N
ClientSampleId :
C0AB5

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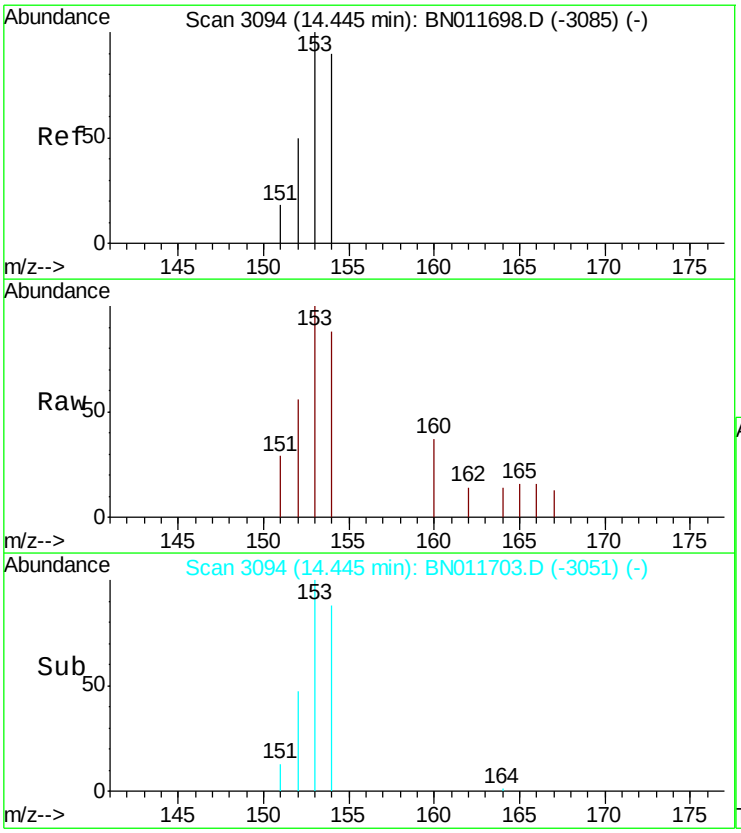
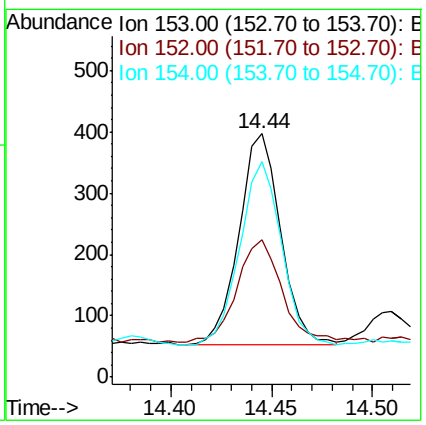
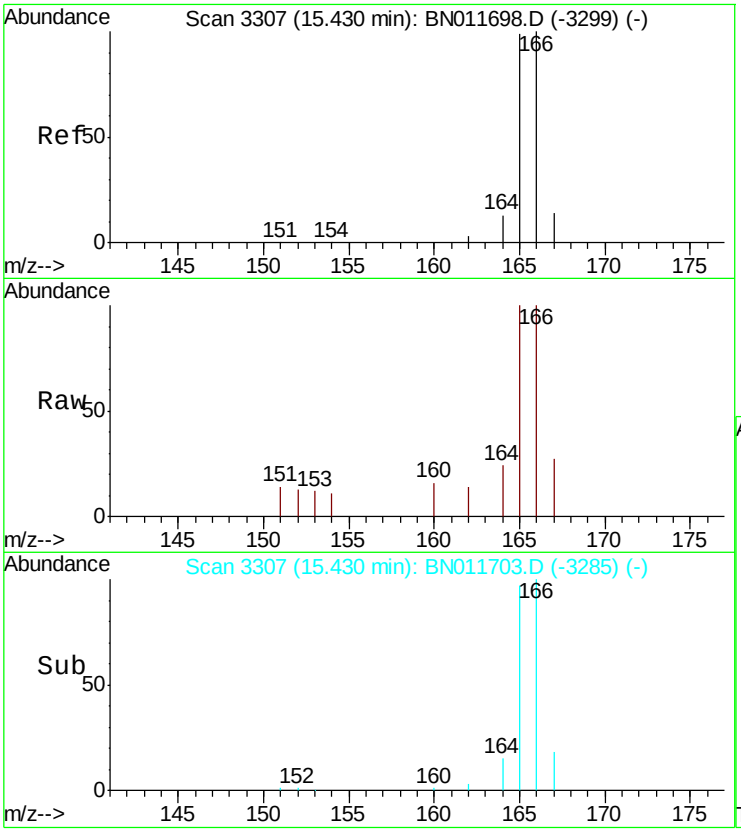


#8
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.44 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:153 Resp: 494

Ion	Ratio	Lower	Upper
153	100		
152	56.4	41.0	61.6
154	88.4	70.2	105.2

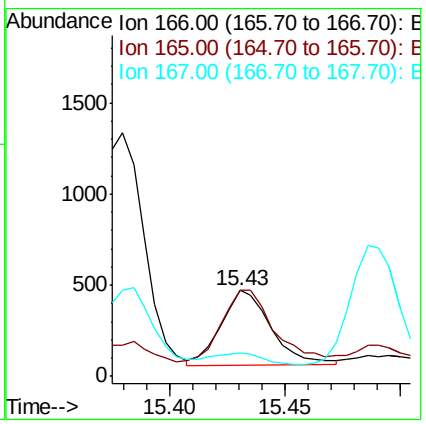




#9
Fluorene
Concen: 0.028 ng/ul
RT: 15.43 min Scan# 3307
Delta R.T. 0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:166 Resp: 618

Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.7	116.5
167	27.4	12.5	18.7#



Instrument :
BNA_N
ClientSampleId :
C0AB5

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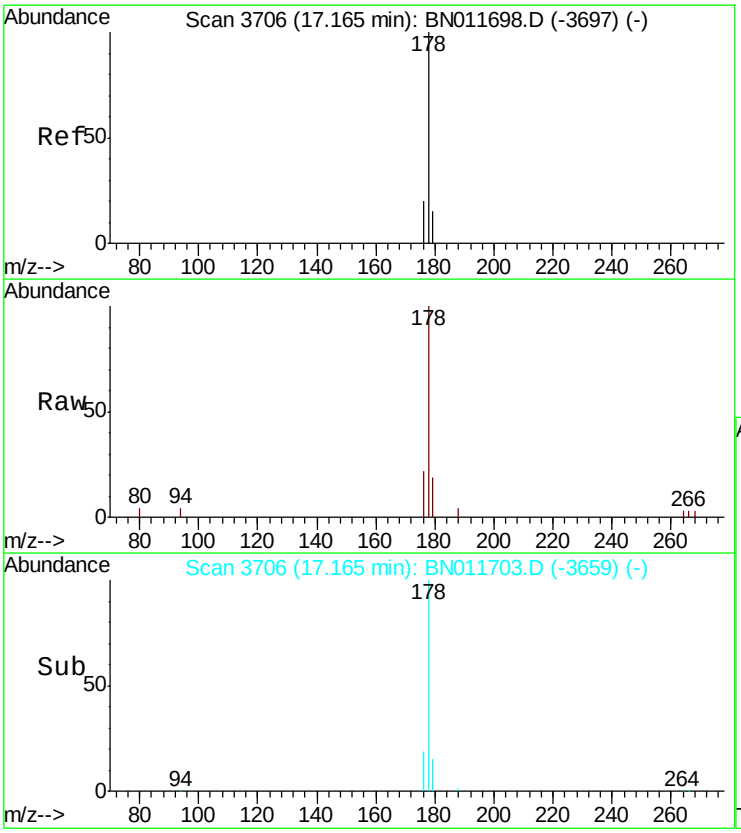
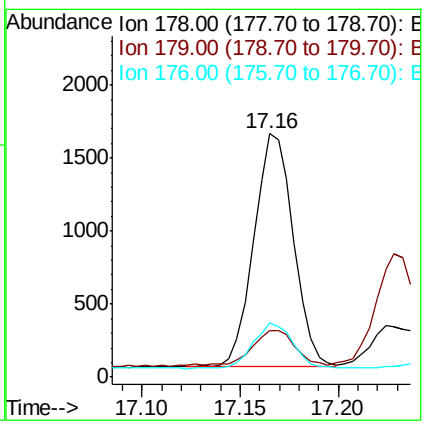
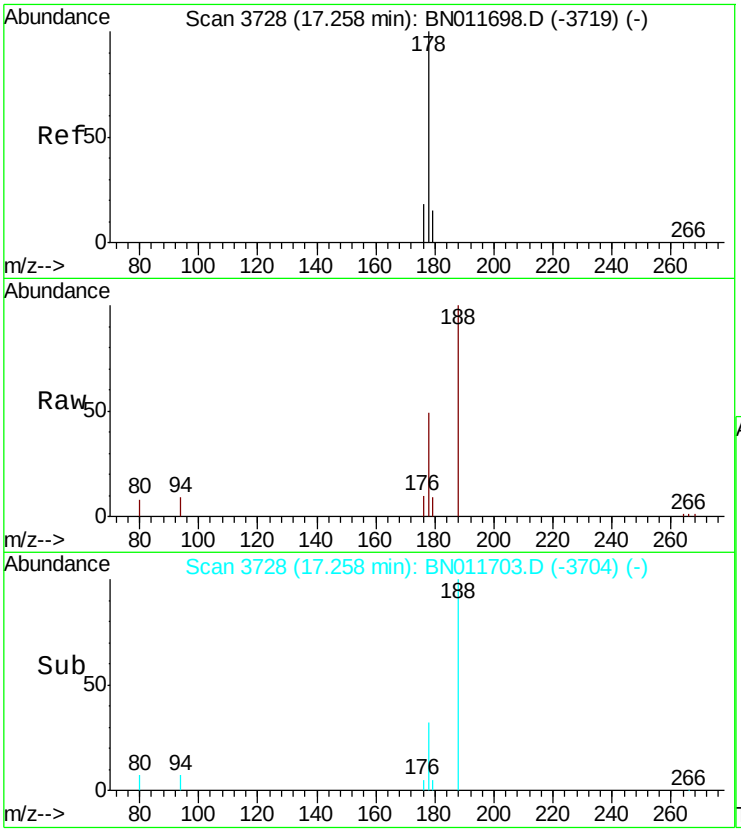


#12
Phenanthrene
Concen: 0.065 ng/ul
RT: 17.16 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:178 Resp: 2236

Ion	Ratio	Lower	Upper
178	100		
179	19.0	13.8	20.8
176	22.0	16.3	24.5





#13
Anthracene
Concen: 0.131 ng/ul
RT: 17.26 min Scan# 3728
Delta R.T. 0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:178 Resp: 3727

Ion	Ratio	Lower	Upper
178	100		
179	18.6	14.2	21.2
176	20.4	15.8	23.8

Instrument :
BNA_N
ClientSampleId :
C0AB5

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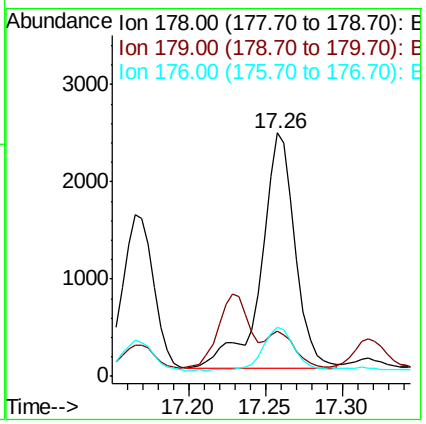
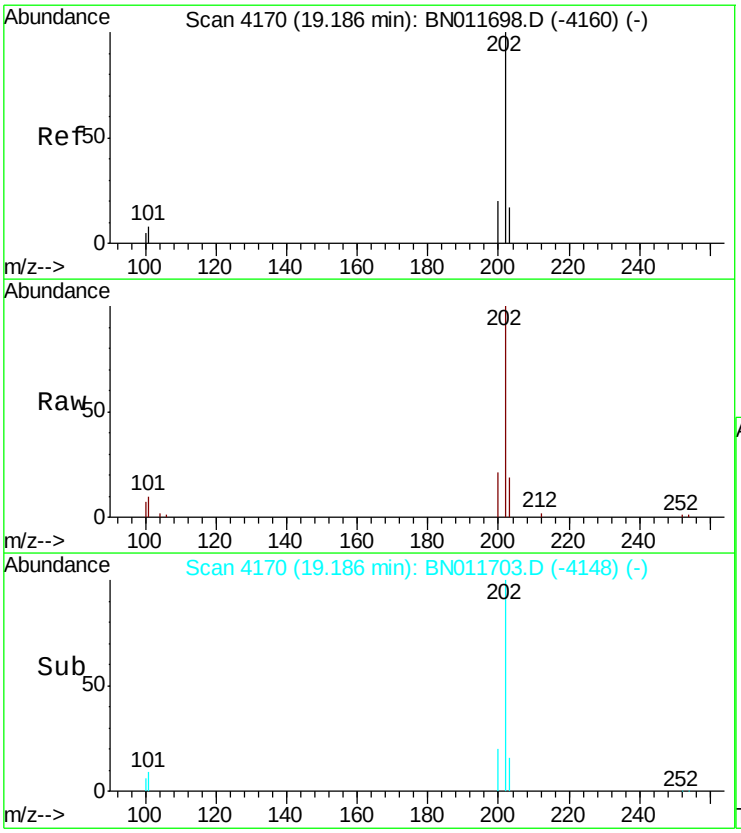
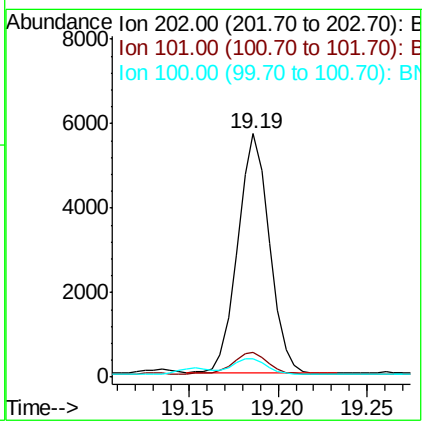


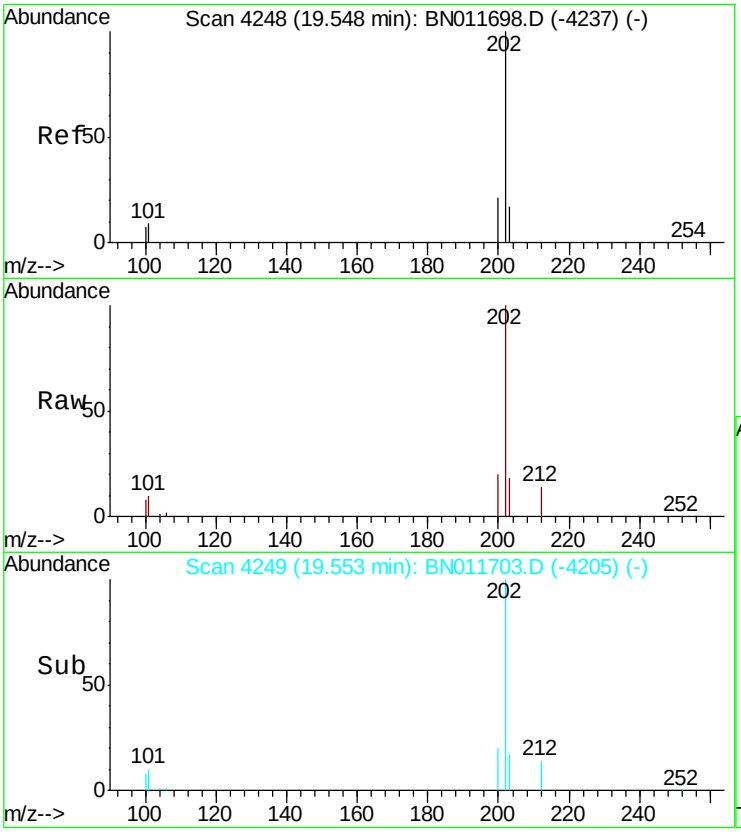


#15
Fluoranthene
Concen: 0.177 ng/ul
RT: 19.19 min Scan# 4170
Delta R.T. 0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:202 Resp: 7065

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	28.3
100	7.3	0.0	27.1

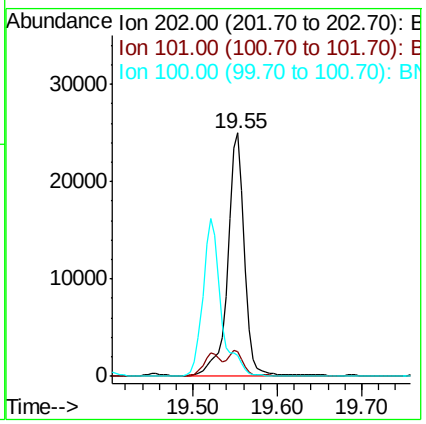




#17
Pyrene
Concen: 0.985 ng/ul
RT: 19.55 min Scan# 4249
Delta R.T. 0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:202 Resp: 34281

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.3	10.9
100	8.4	6.7	10.1



Instrument :
BNA_N
ClientSampleId :
C0AB5

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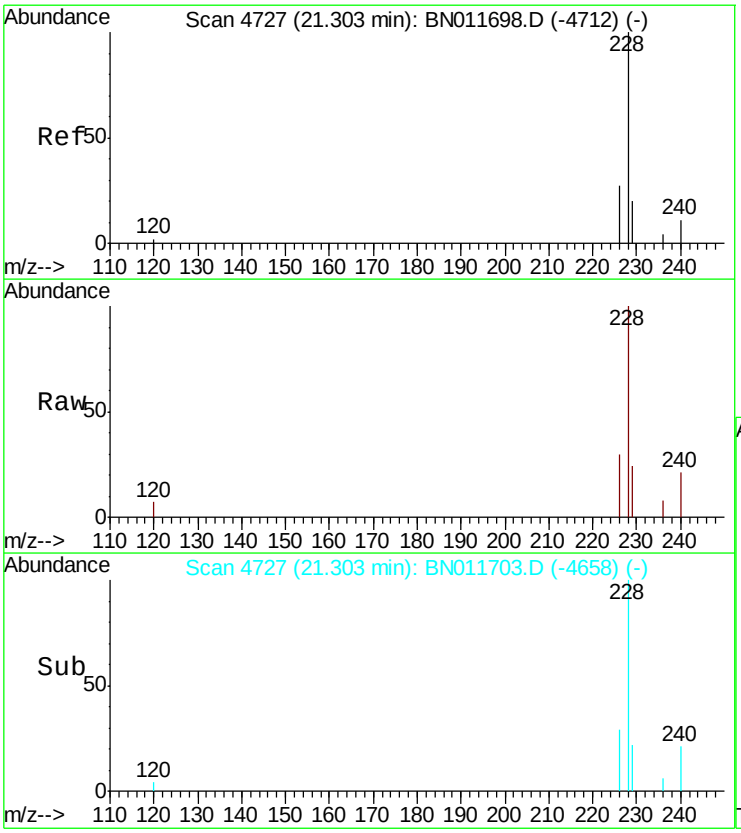
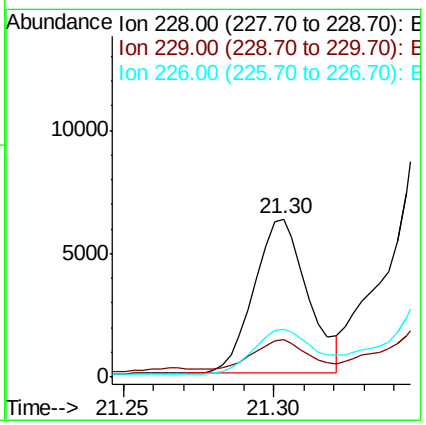
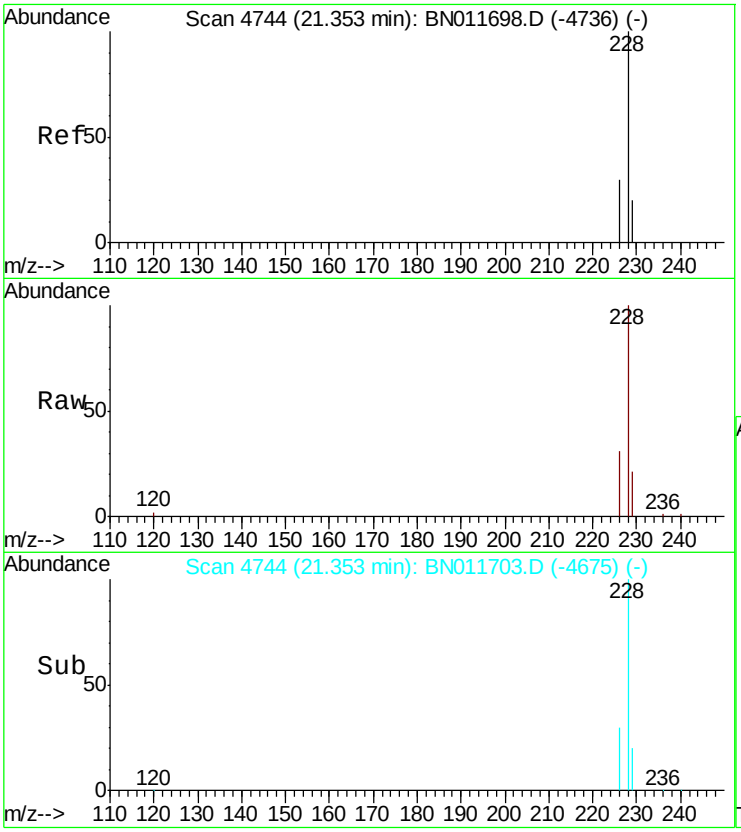


#18
Benzo(a)anthracene
Concen: 0.260 ng/ul
RT: 21.30 min Scan# 4727
Delta R.T. 0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:228 Resp: 7758

Ion	Ratio	Lower	Upper
228	100		
229	24.1	16.7	25.1
226	30.4	22.9	34.3

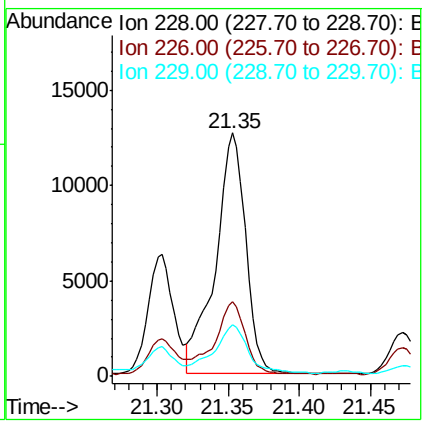




#19
Chrysene
Concen: 0.460 ng/ul
RT: 21.35 min Scan# 4744
Delta R.T. 0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:228 Resp: 18558

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	21.0	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0AB5

Manual Integrations APPROVED
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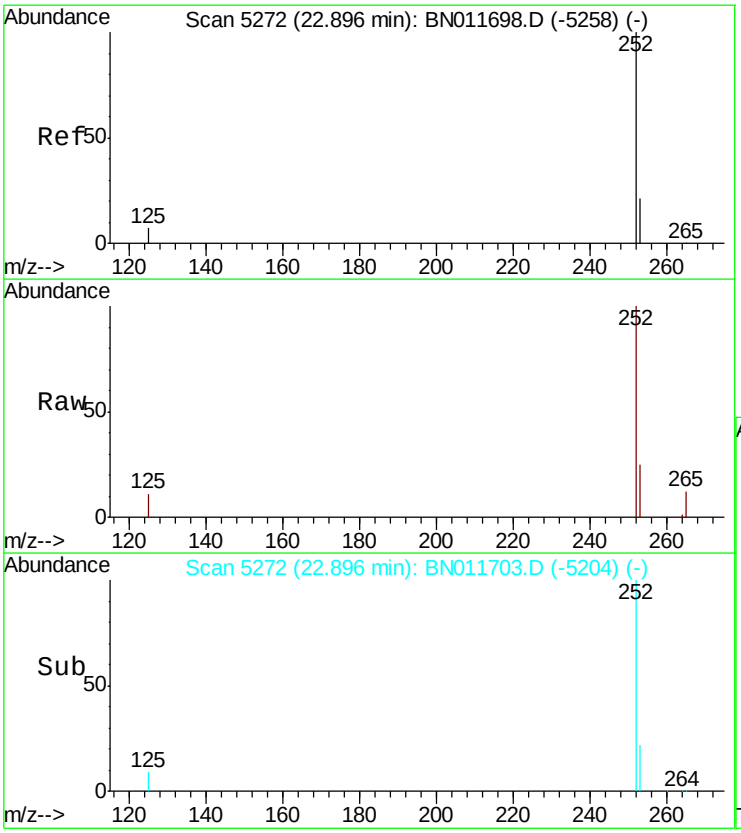
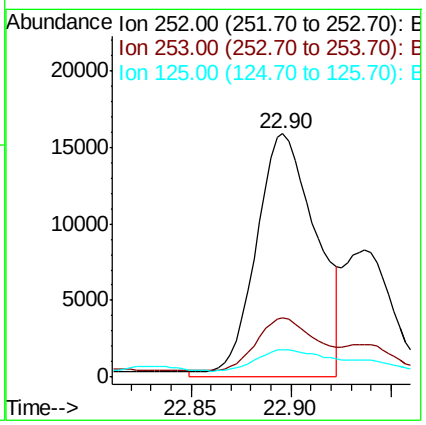
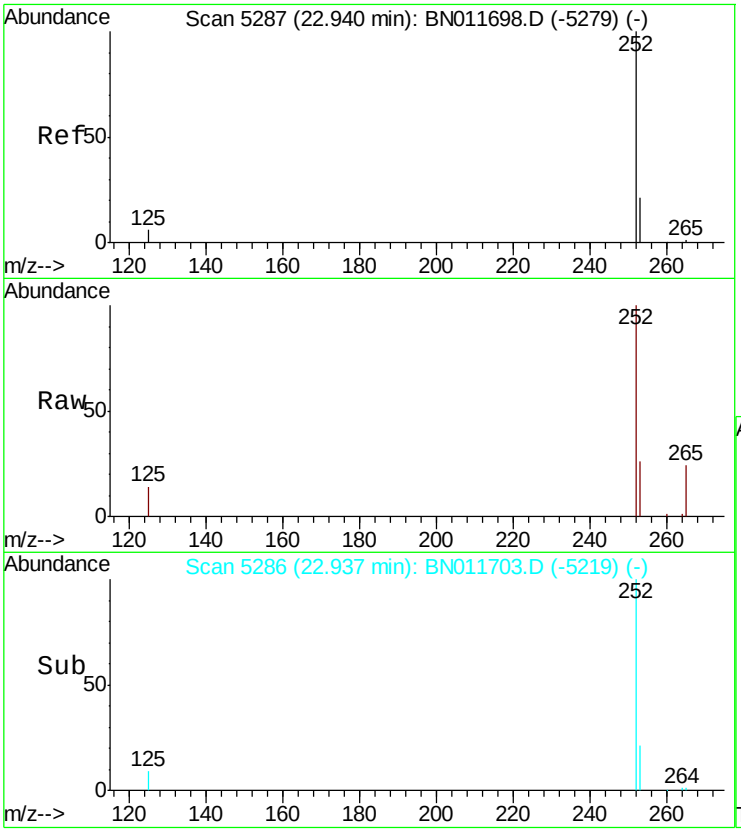


#21
Benzo(b)fluoranthene
Concen: 0.862 ng/ul m
RT: 22.90 min Scan# 5272
Delta R.T. 0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:252 Resp: 33044

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	54.8
125	11.1	0.0	22.2





#22
Benzo(k)fluoranthene
Concen: 0.318 ng/ul m
RT: 22.94 min Scan# 5286
Delta R.T. -0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:252 Resp: 13487

Ion	Ratio	Lower	Upper
252	100		
253	26.0	21.8	32.6
125	13.8	9.1	13.7#

Instrument :
BNA_N
ClientSampleId :
C0AB5

Manual Integrations APPROVED
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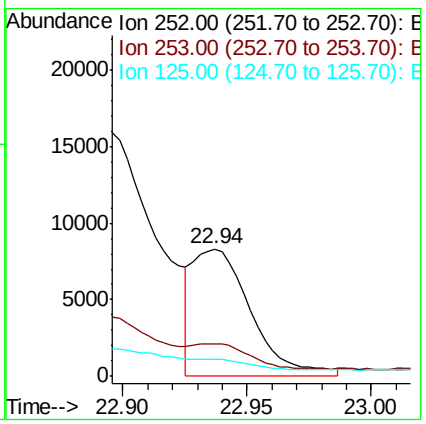
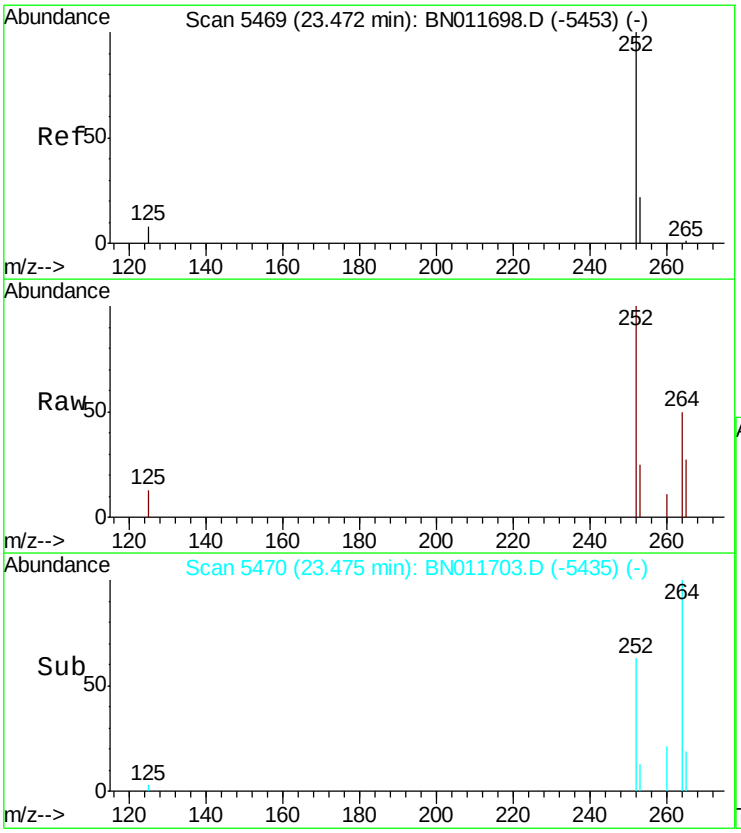
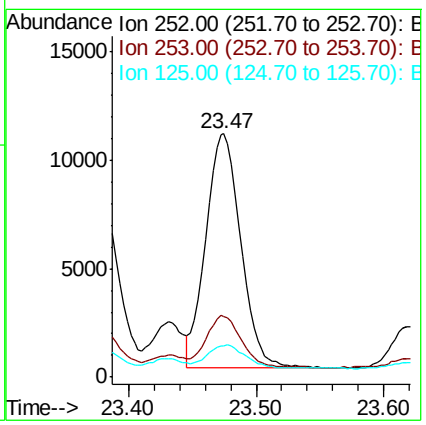


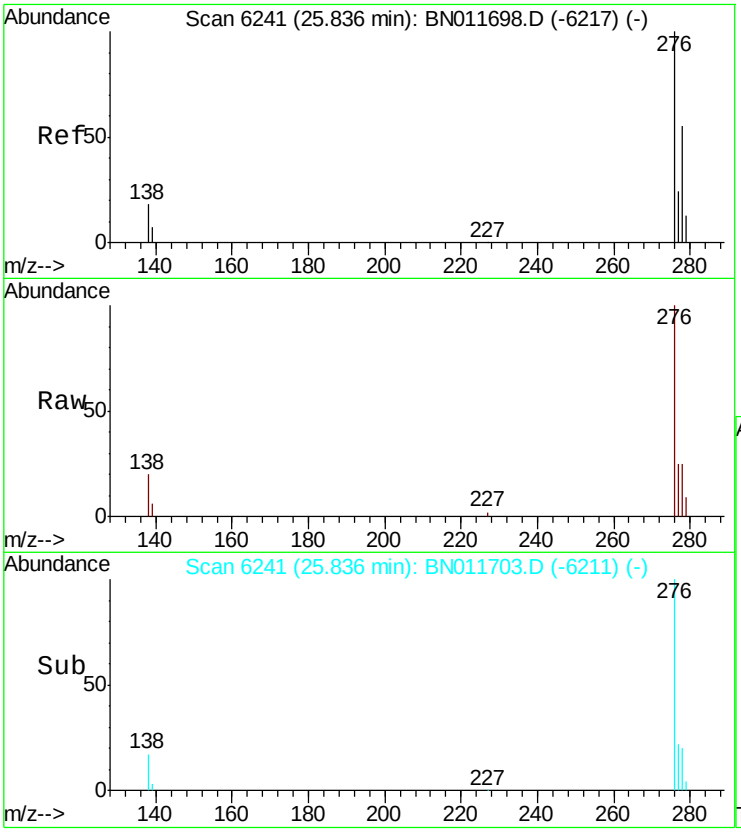


#23
Benzo(a)pyrene
Concen: 0.641 ng/ul
RT: 23.47 min Scan# 5470
Delta R.T. 0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:252 Resp: 20638

Ion	Ratio	Lower	Upper
252	100		
253	24.7	24.4	36.6
125	12.9	11.1	16.7





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.291 ng/ul
RT: 25.84 min Scan# 6241
Delta R.T. 0.00 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:276 Resp: 12660

Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.8	23.6
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
C0AB5

Manual Integrations APPROVED
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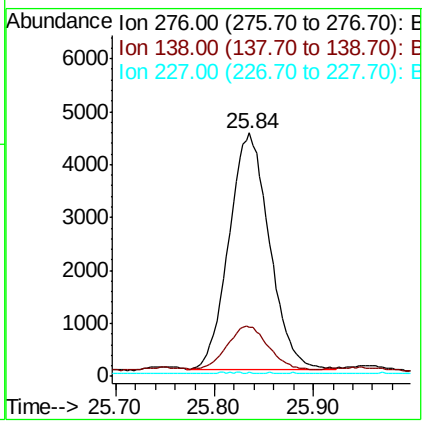
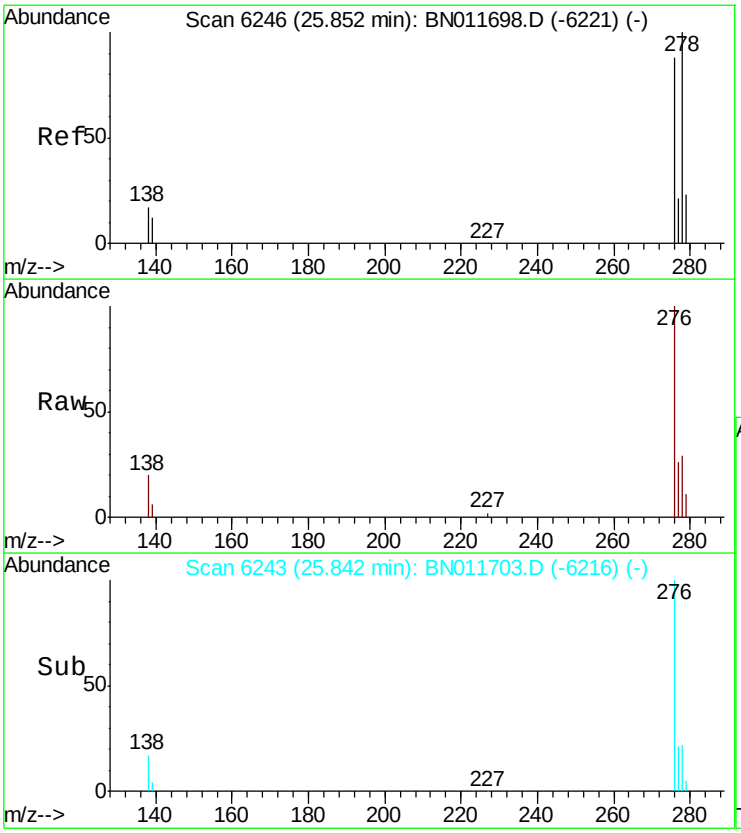
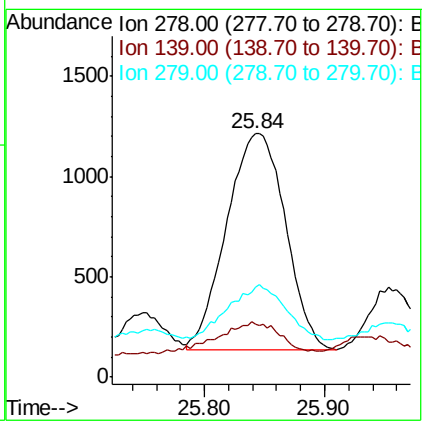


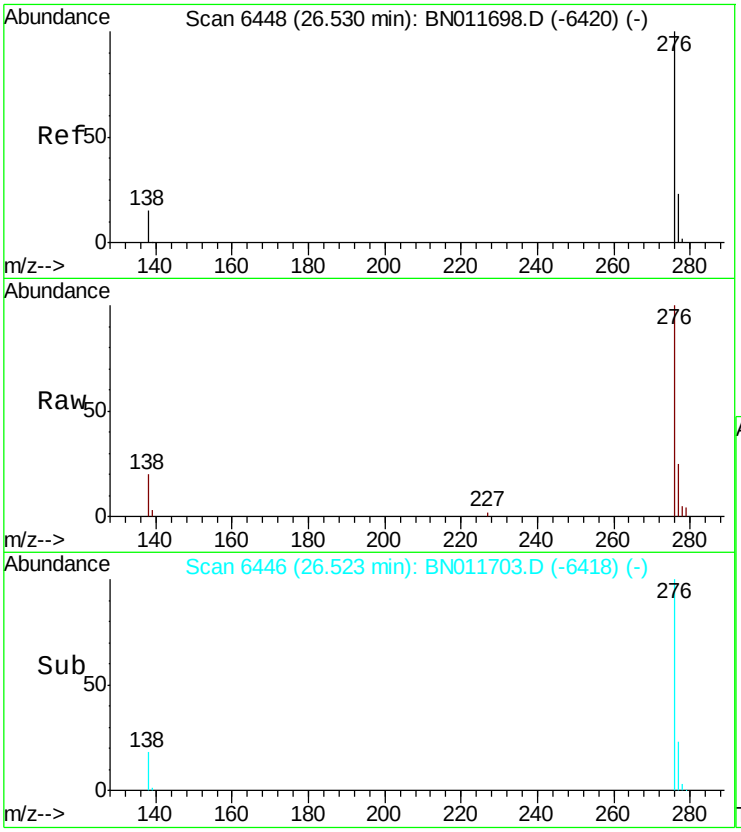


#25
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 25.84 min Scan# 6243
Delta R.T. -0.01 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:278 Resp: 3665

Ion	Ratio	Lower	Upper
278	100		
139	22.0	12.1	18.1#
279	37.1	22.9	34.3#

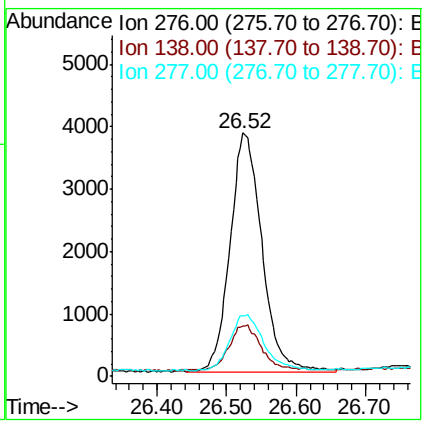




#26
Benzo(g,h,i)perylene
Concen: 0.299 ng/ul
RT: 26.52 min Scan# 6446
Delta R.T. -0.01 min
Lab File: BN011703.D
Acq: 04 Sep 2020 15:44

Tgt Ion:276 Resp: 12171

Ion	Ratio	Lower	Upper
276	100		
138	20.5	15.8	23.6
277	24.8	20.6	31.0



Instrument :
BNA_N
ClientSampleId :
C0AB5

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:54 PM