Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011721.D
Acq On : 05 Sep 2020 03:48
Operator : CG/JU
Sample : L3843-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 05 06:28:15 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 : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0AC0

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	5	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	95	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	524	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	600m	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	682	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	569m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	5361	39.88	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	10933	6.48	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	1812	6.543	ng/ul#	94
5) 2-Methylnaphthalene	12.19	142	291	1.662	ng/ul	95
7) Acenaphthylene	14.10	152	1767	0.670	ng/ul	93
8) Acenaphthene	14.44	153	440	0.214	ng/ul	96
9) Fluorene	15.43	166	686	0.283	ng/ul#	93
12) Phenanthrene	17.16	178	4284	2.110	ng/ul	100
13) Anthracene	17.26	178	5200m	3.114	ng/ul	
15) Fluoranthene	19.18	202	37531	16.074	ng/ul	97
17) Pyrene	19.55	202	56844	21.324	ng/ul	98
18) Benzo(a)anthracene	21.30	228	24834	10.853	ng/ul	98
19) Chrysene	21.35	228	39815	12.902	ng/ul	99
21) Benzo(b)fluoranthene	22.89	252	37270m	15.070	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	18023m	6.591	ng/ul	
23) Benzo(a)pyrene	23.47	252	24772	11.921	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.83	276	12561	4.470	ng/ul	99
25) Dibenzo(a,h)anthracene	25.83	278	3756	1.640	ng/ul#	84
26) Benzo(g,h,i)perylene	26.51	276	12024	4.572	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 : BN011721.D
Acq On : 05 Sep 2020 03:48
Operator : CG/JU
Sample : L3843-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 05 06:28:15 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 : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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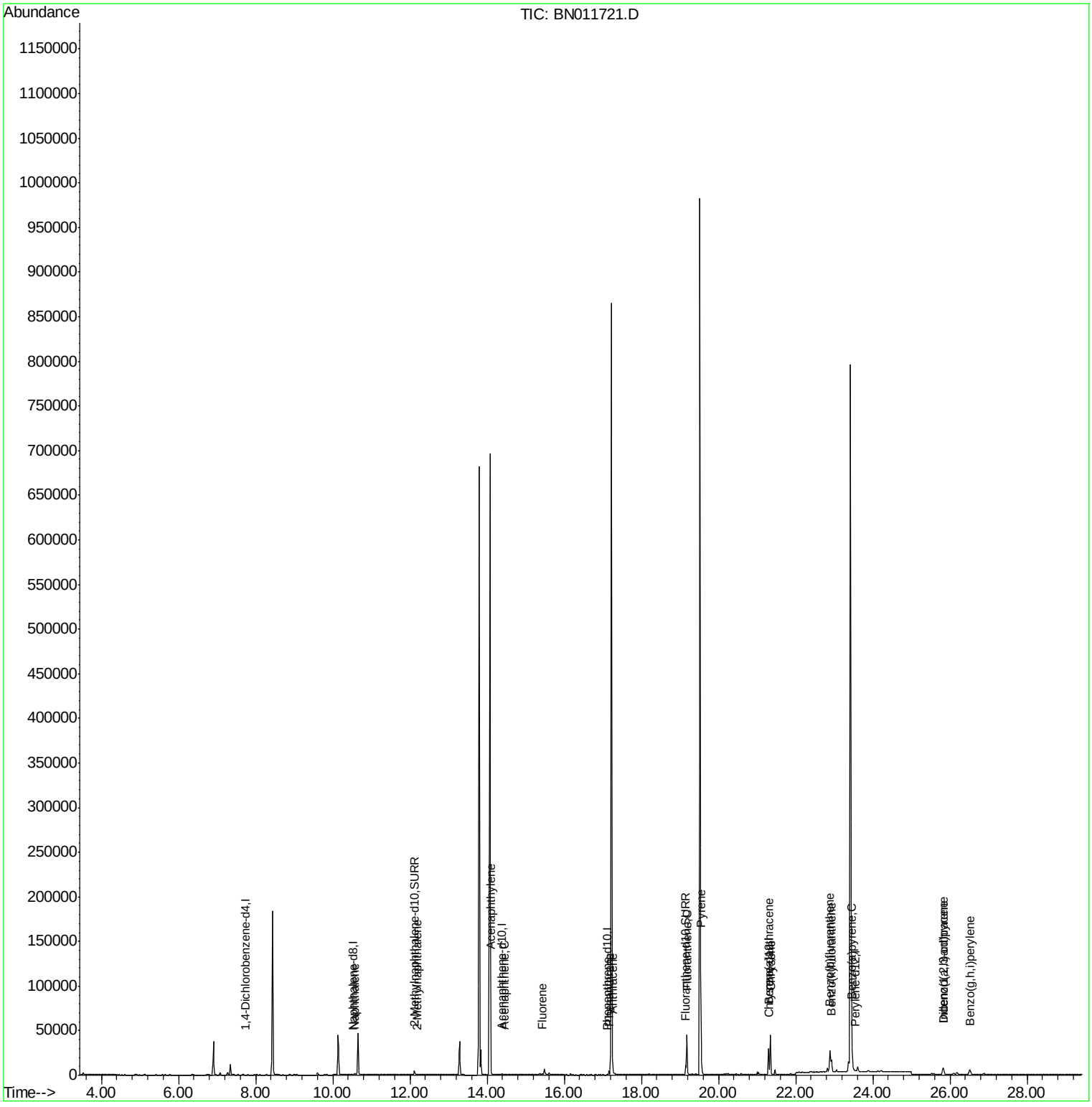

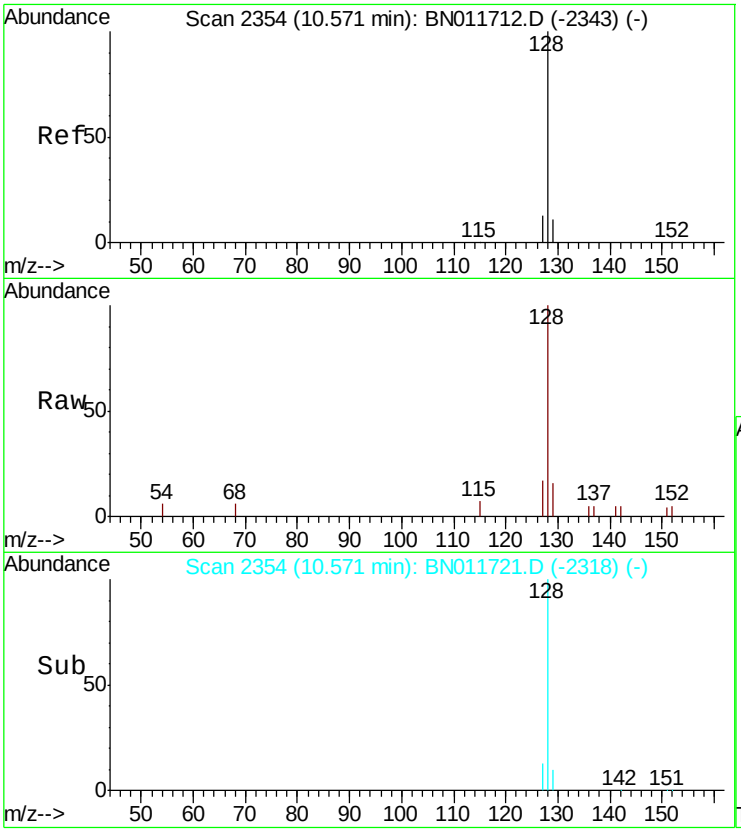

#3
Naphthalene
Concen: 6.543 ng/ul
RT: 10.57 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:128 Resp: 1812

Ion	Ratio	Lower	Upper
128	100		
129	15.9	10.4	15.6#
127	16.5	11.4	17.0

Instrument :
BNA_N
ClientSampleId :
C0AC0

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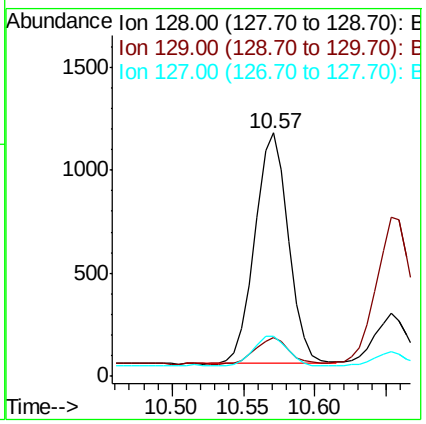
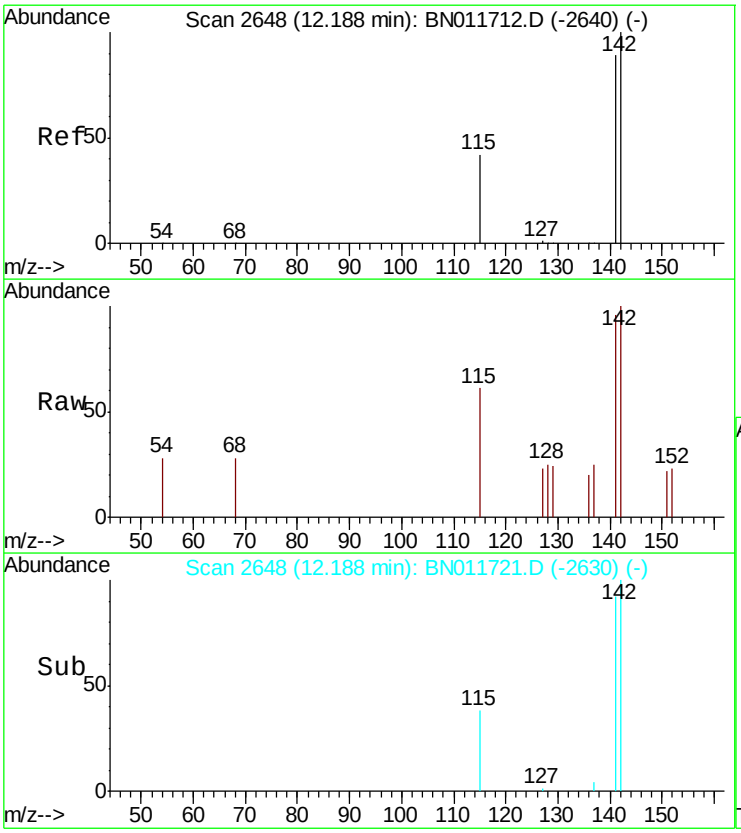
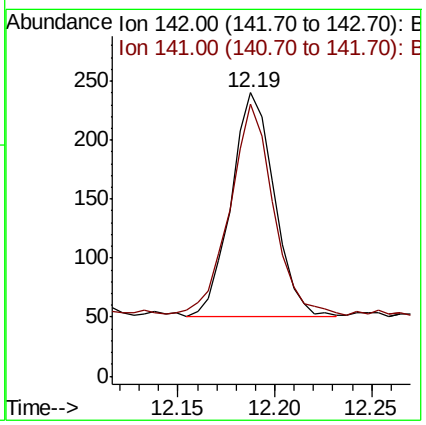


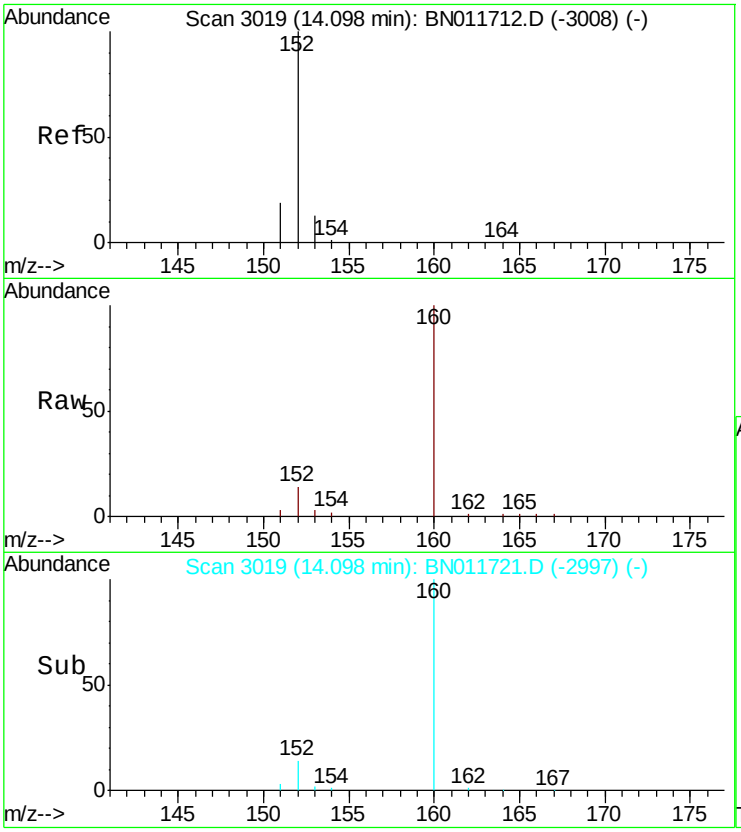


#5
2-Methylnaphthalene
Concen: 1.662 ng/ul
RT: 12.19 min Scan# 2648
Delta R.T. -0.00 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:142 Resp: 291

Ion	Ratio	Lower	Upper
142	100		
141	95.2	72.1	108.1

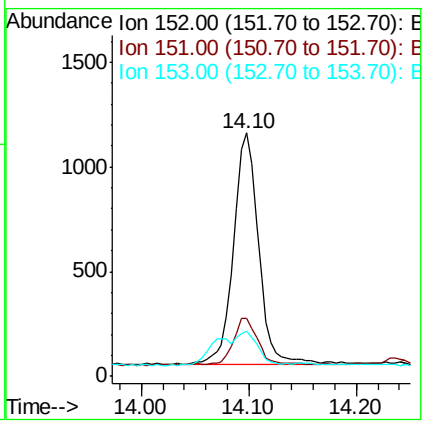




#7
Acenaphthylene
Concen: 0.670 ng/ul
RT: 14.10 min Scan# 3019
Delta R.T. -0.00 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:152 Resp: 1767

Ion	Ratio	Lower	Upper
152	100		
151	23.8	16.7	25.1
153	18.4	12.3	18.5



Instrument :
BNA_N
ClientSampleId :
C0AC0

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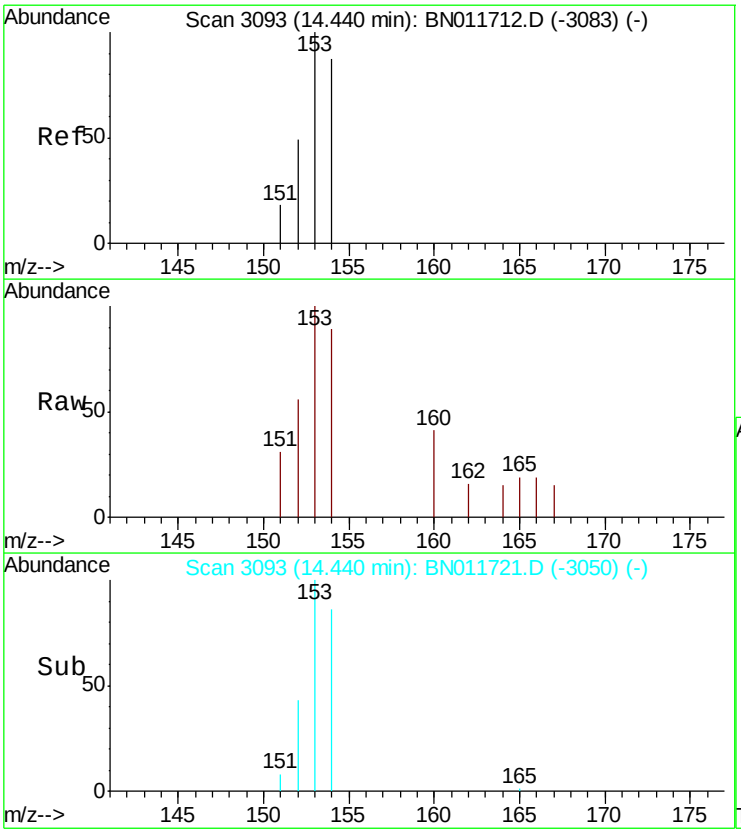
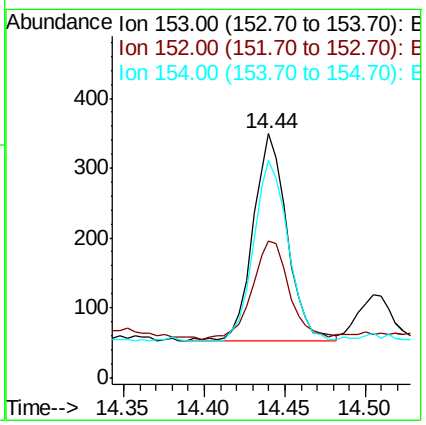
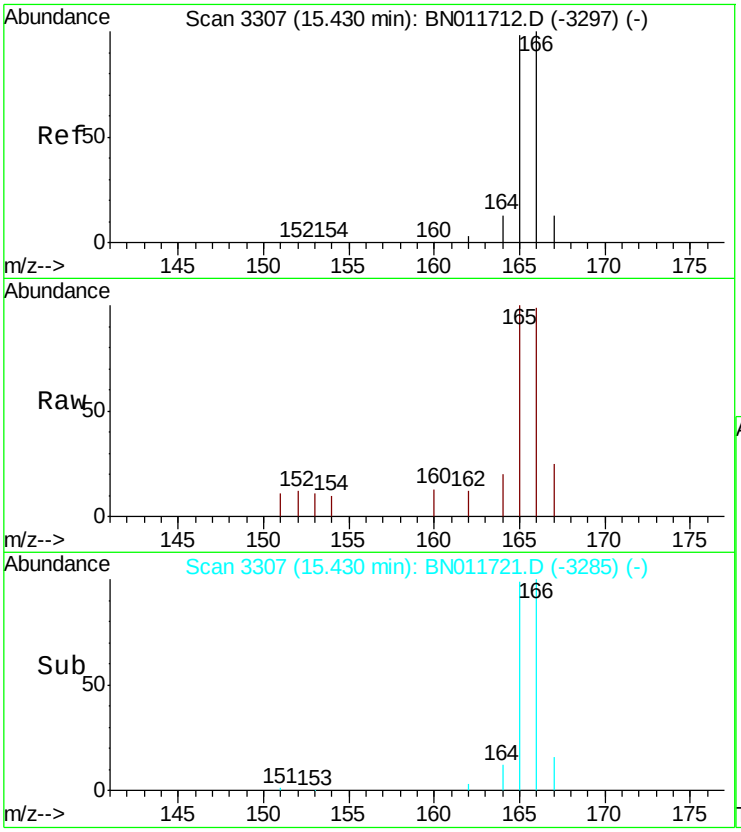


#8
Acenaphthene
Concen: 0.214 ng/ul
RT: 14.44 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:153 Resp: 440

Ion	Ratio	Lower	Upper
153	100		
152	56.2	41.0	61.6
154	89.1	70.2	105.2





#9
Fluorene
Concen: 0.283 ng/ul
RT: 15.43 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:166 Resp: 686

Ion	Ratio	Lower	Upper
166	100		
165	101.1	77.7	116.5
167	25.0	12.5	18.7#

Instrument :
BNA_N
ClientSampleId :
C0AC0

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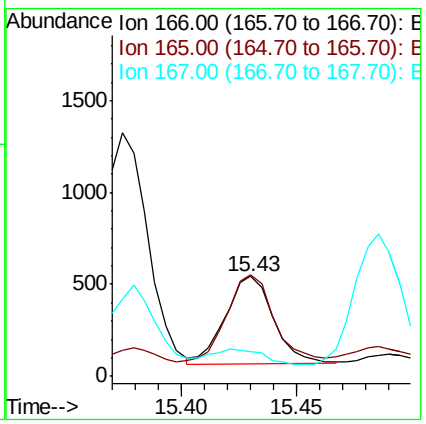
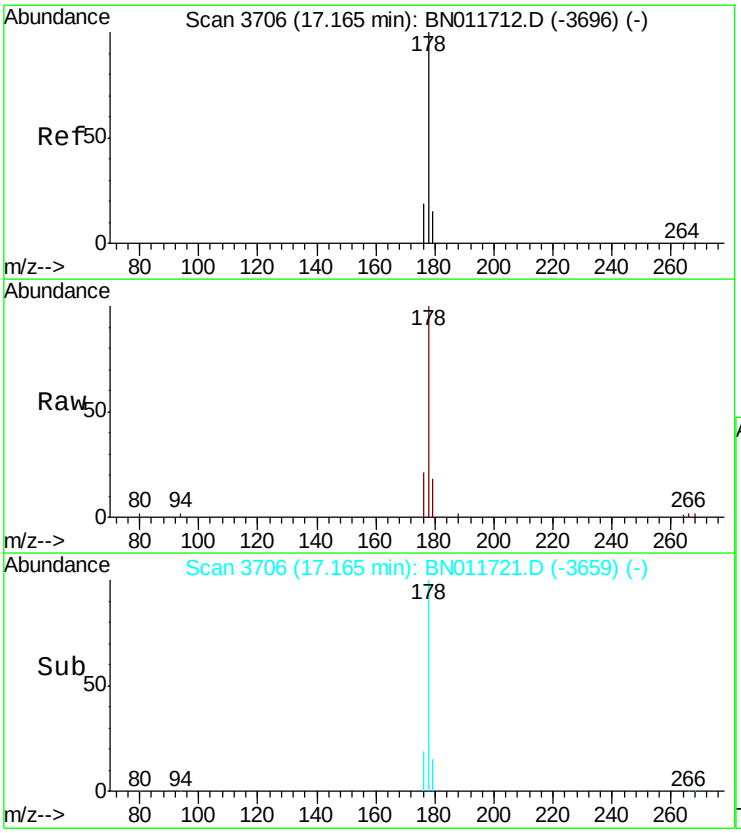
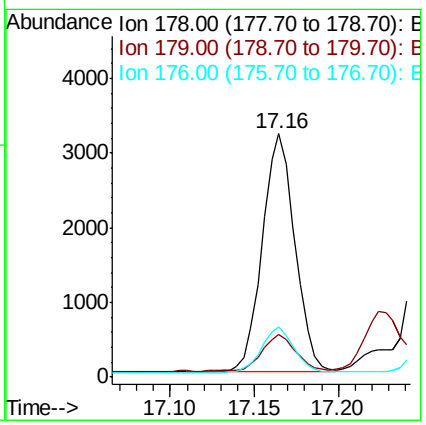


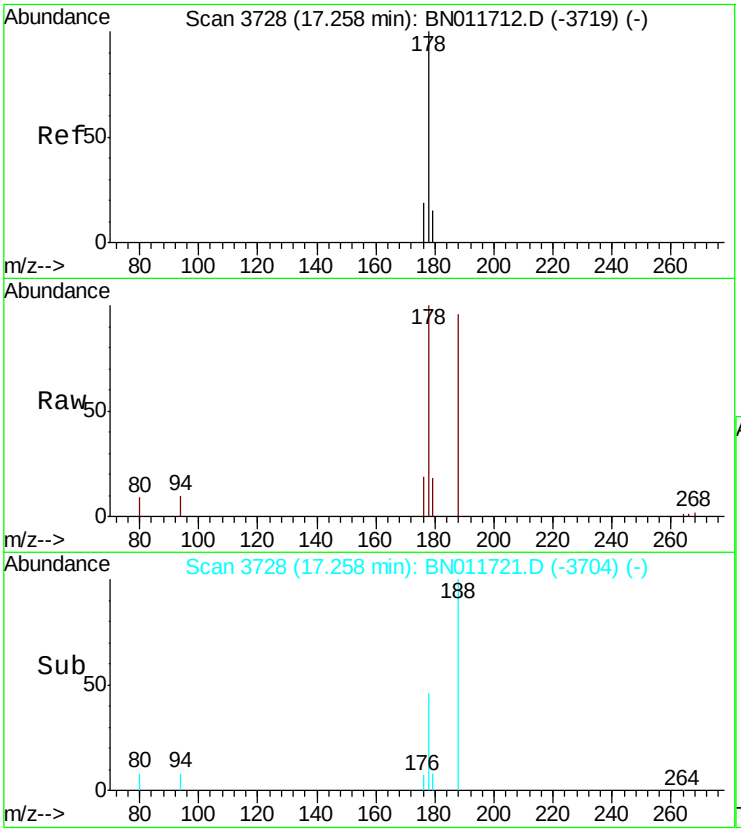


#12
Phenanthrene
Concen: 2.110 ng/ul
RT: 17.16 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:178 Resp: 4284

Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.8	20.8
176	20.5	16.3	24.5

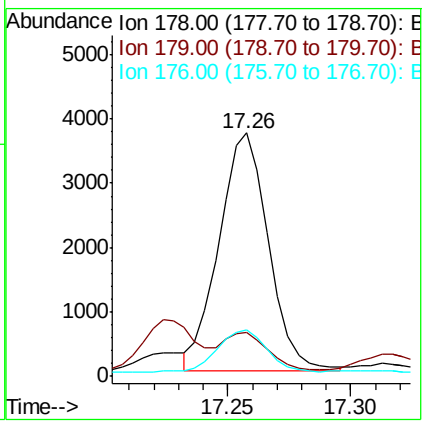




#13
Anthracene
Concen: 3.114 ng/ul m
RT: 17.26 min Scan# 3728
Delta R.T. -0.00 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:178 Resp: 5200

Ion	Ratio	Lower	Upper
178	100		
179	18.0	14.2	21.2
176	19.0	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
C0AC0

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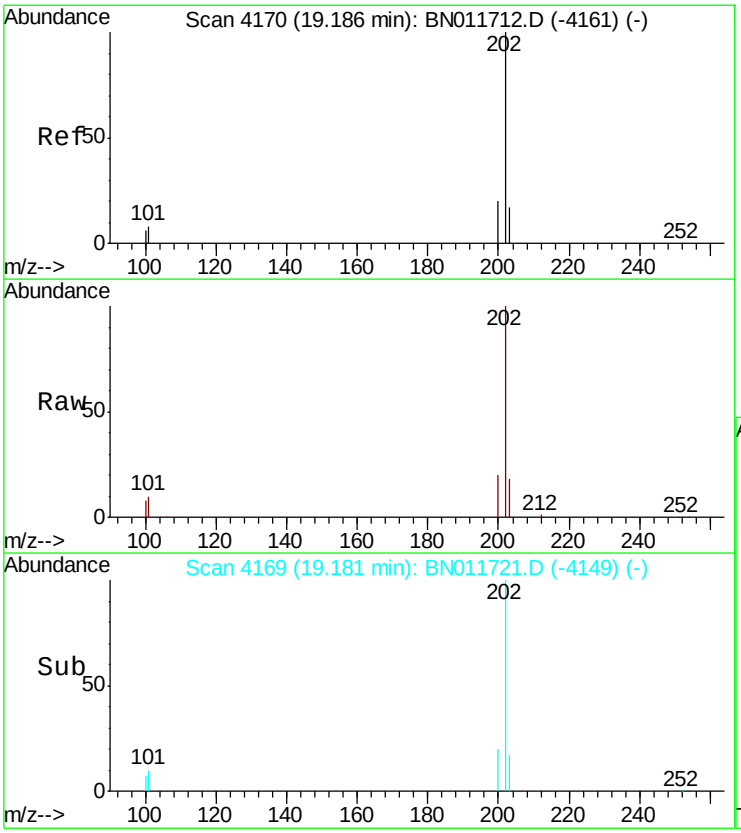
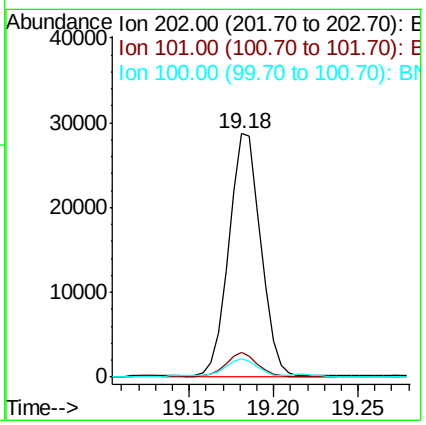
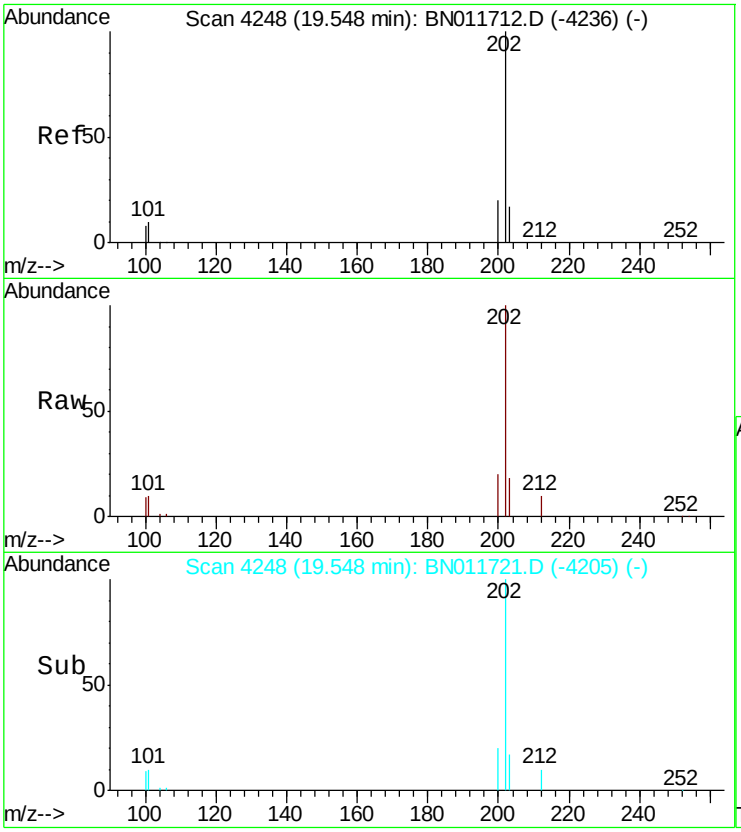


#15
Fluoranthene
Concen: 16.074 ng/ul
RT: 19.18 min Scan# 4169
Delta R.T. -0.00 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:202 Resp: 37531

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	28.3
100	7.6	0.0	27.1





#17
Pyrene
Concen: 21.324 ng/ul
RT: 19.55 min Scan# 4248
Delta R.T. -0.00 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:202 Resp: 56844

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.3	10.9
100	8.7	6.7	10.1

Instrument :
BNA_N
ClientSampleId :
C0AC0

Manual Integrations APPROVED
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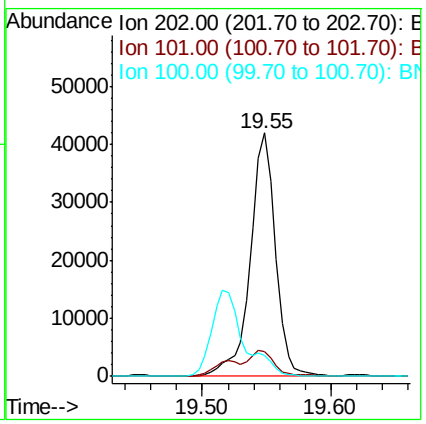
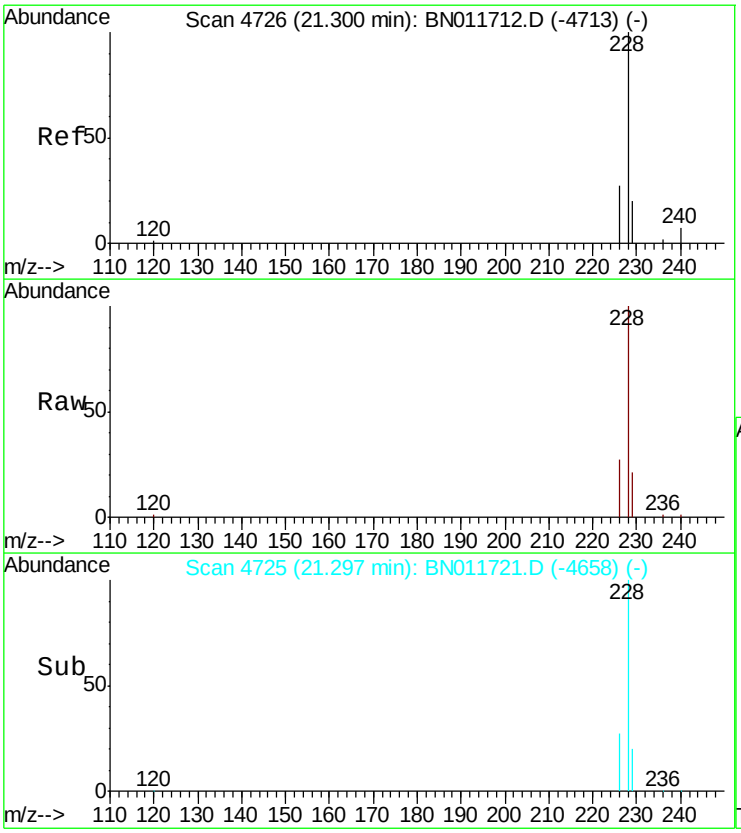
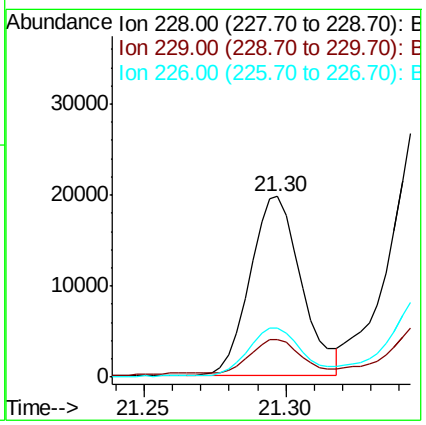


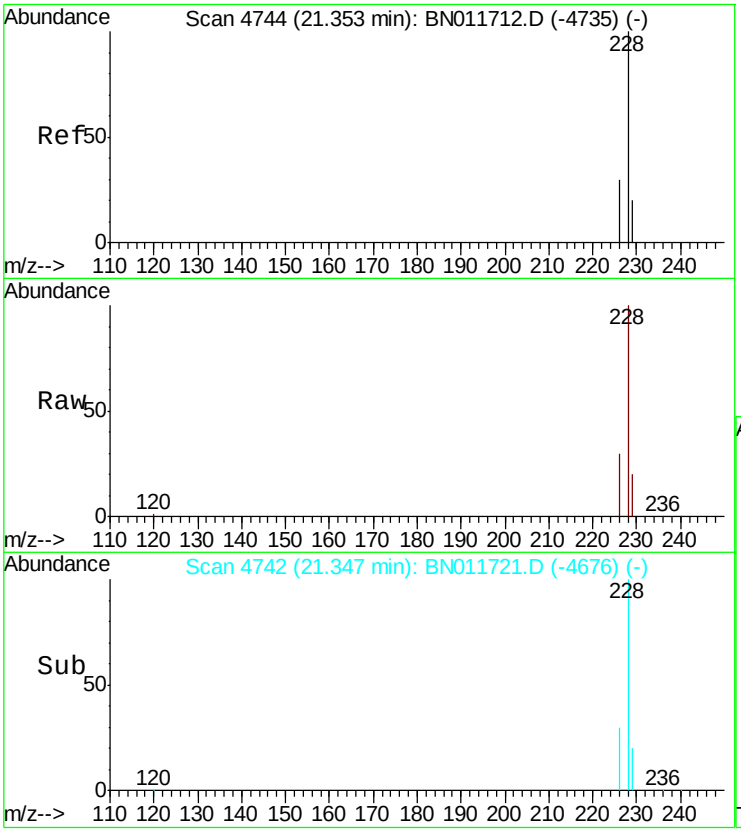


#18
Benzo(a)anthracene
Concen: 10.853 ng/ul
RT: 21.30 min Scan# 4725
Delta R.T. -0.00 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:228 Resp: 24834

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.7	25.1
226	27.1	22.9	34.3

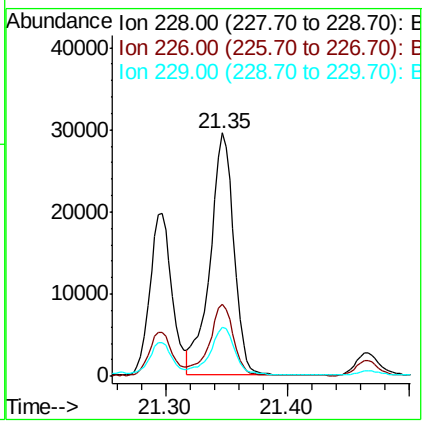




#19
Chrysene
Concen: 12.902 ng/ul
RT: 21.35 min Scan# 4742
Delta R.T. -0.01 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:228 Resp: 39815

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	20.1	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0AC0

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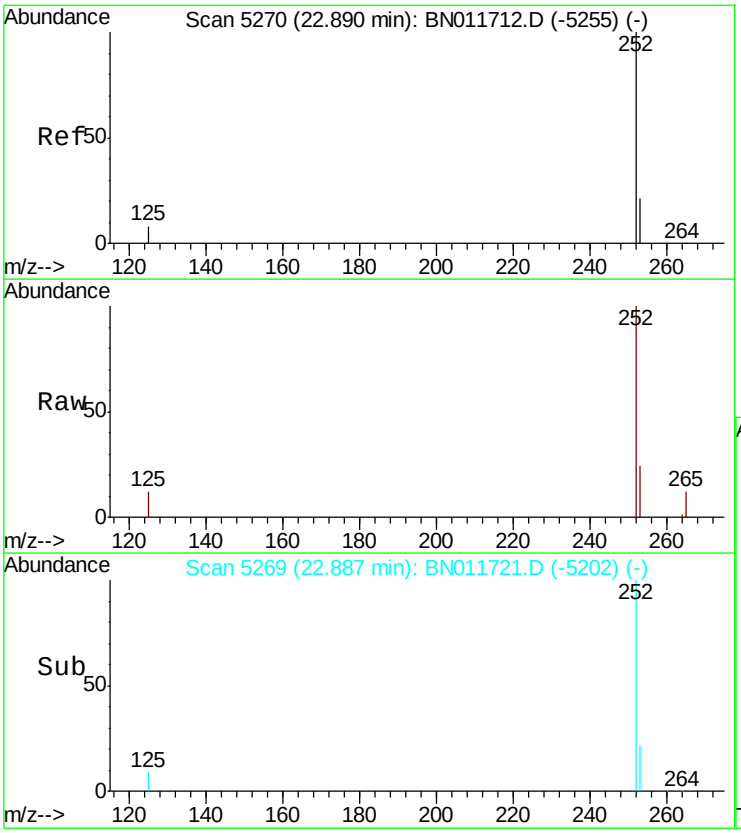
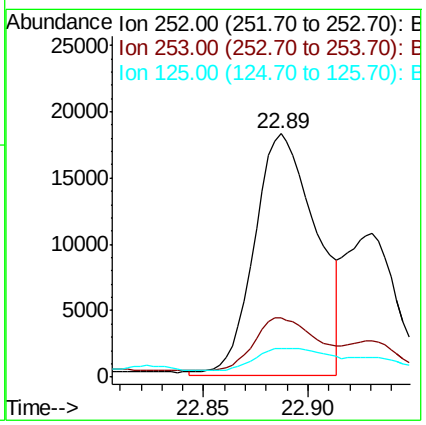
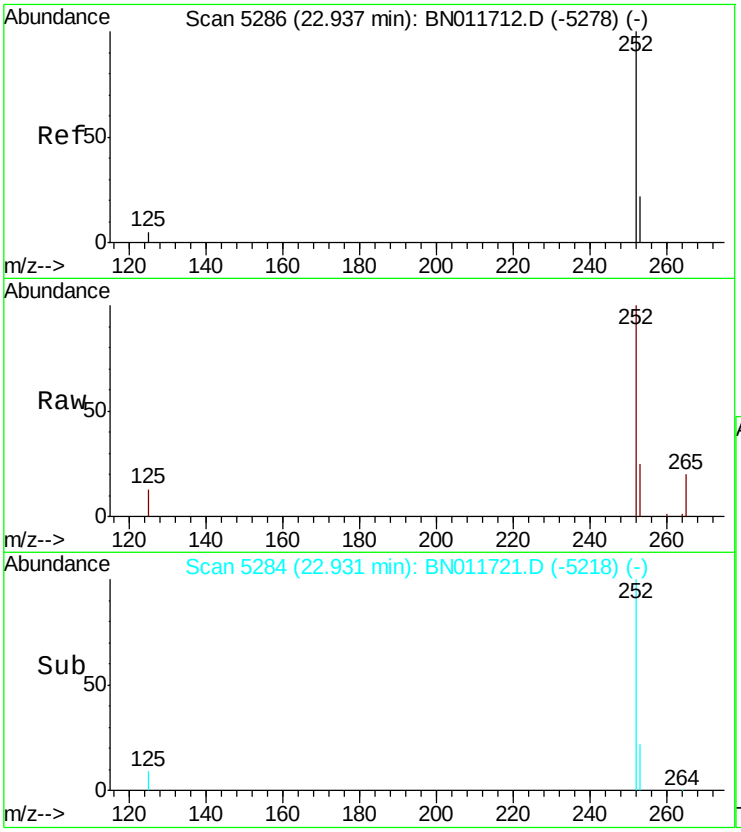


#21
Benzo(b)fluoranthene
Concen: 15.070 ng/ul m
RT: 22.89 min Scan# 5269
Delta R.T. -0.00 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:252 Resp: 37270

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	54.8
125	11.8	0.0	22.2

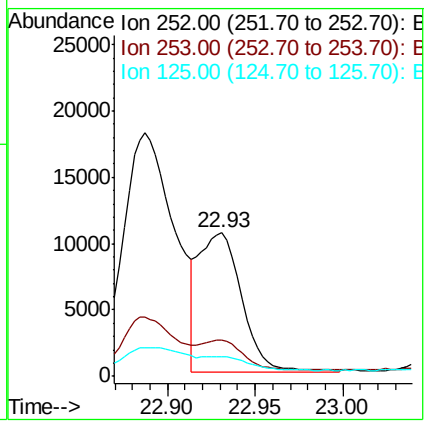




#22
Benzo(k)fluoranthene
Concen: 6.591 ng/ul m
RT: 22.93 min Scan# 5284
Delta R.T. -0.01 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:252 Resp: 18023

Ion	Ratio	Lower	Upper
252	100		
253	25.3	21.8	32.6
125	13.4	9.1	13.7



Instrument :
BNA_N
ClientSampleId :
C0AC0

Manual Integrations APPROVED
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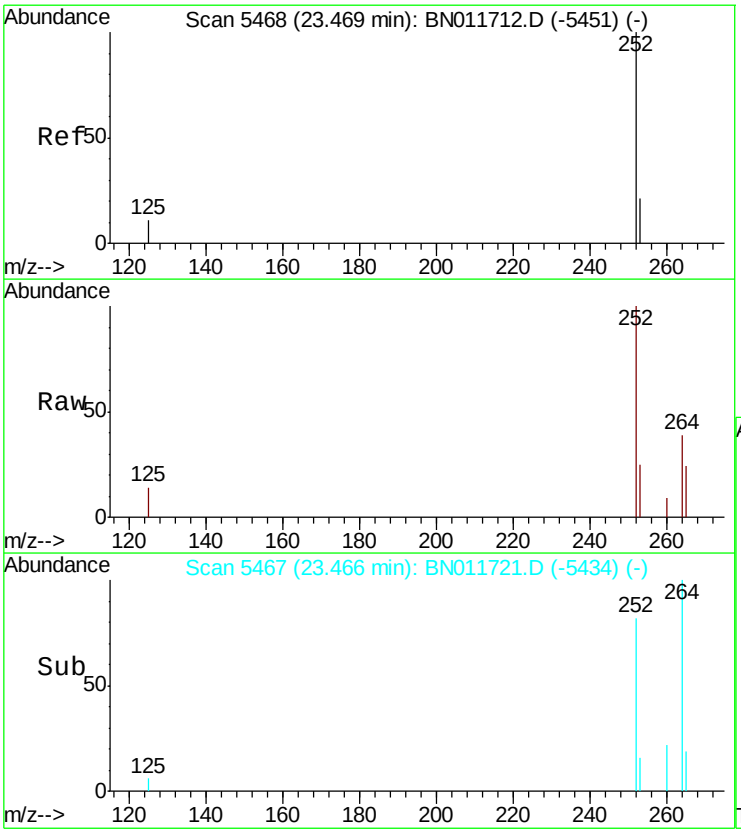
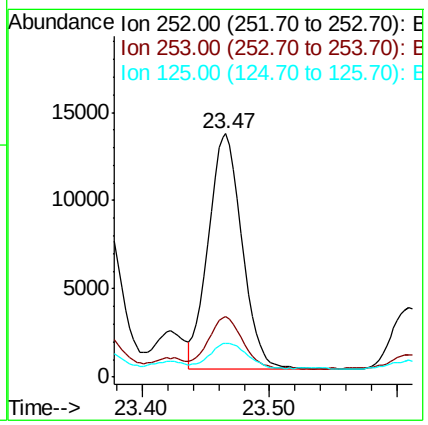
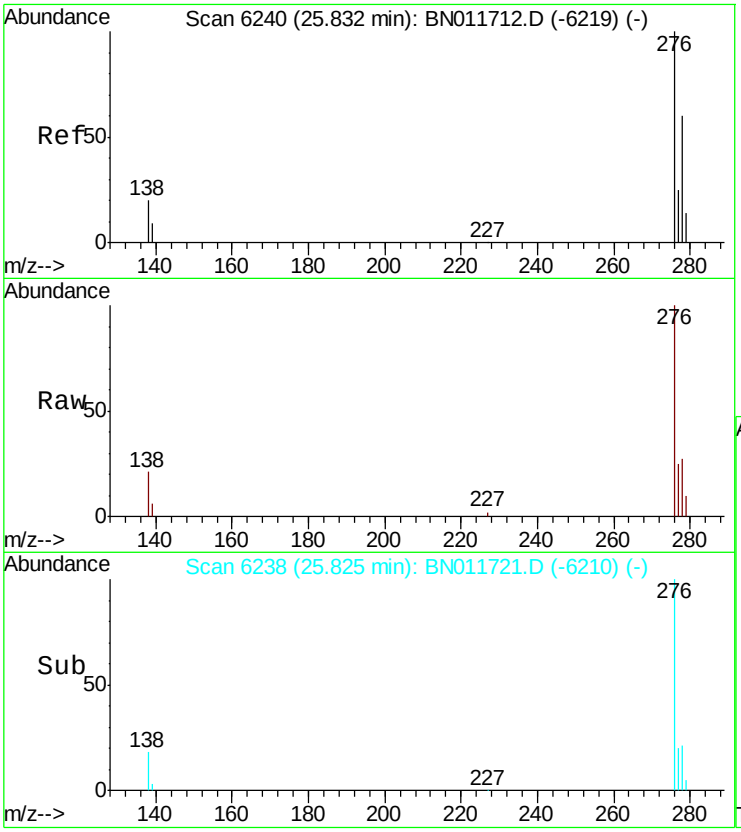


#23
Benzo(a)pyrene
Concen: 11.921 ng/ul
RT: 23.47 min Scan# 5467
Delta R.T. -0.00 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:252 Resp: 24772

Ion	Ratio	Lower	Upper
252	100		
253	24.6	24.4	36.6
125	13.9	11.1	16.7





#24
Indeno(1,2,3-cd)pyrene
Concen: 4.470 ng/ul
RT: 25.83 min Scan# 6238
Delta R.T. -0.01 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:276 Resp: 12561

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.8	23.6
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
C0AC0

Manual Integrations APPROVED
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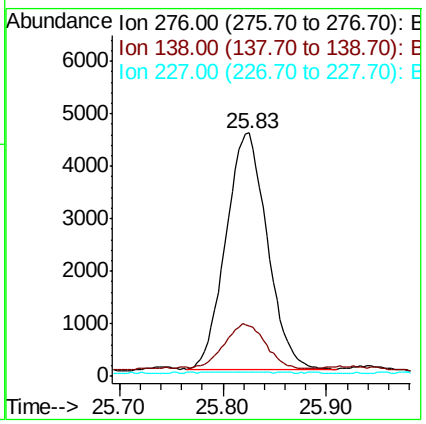
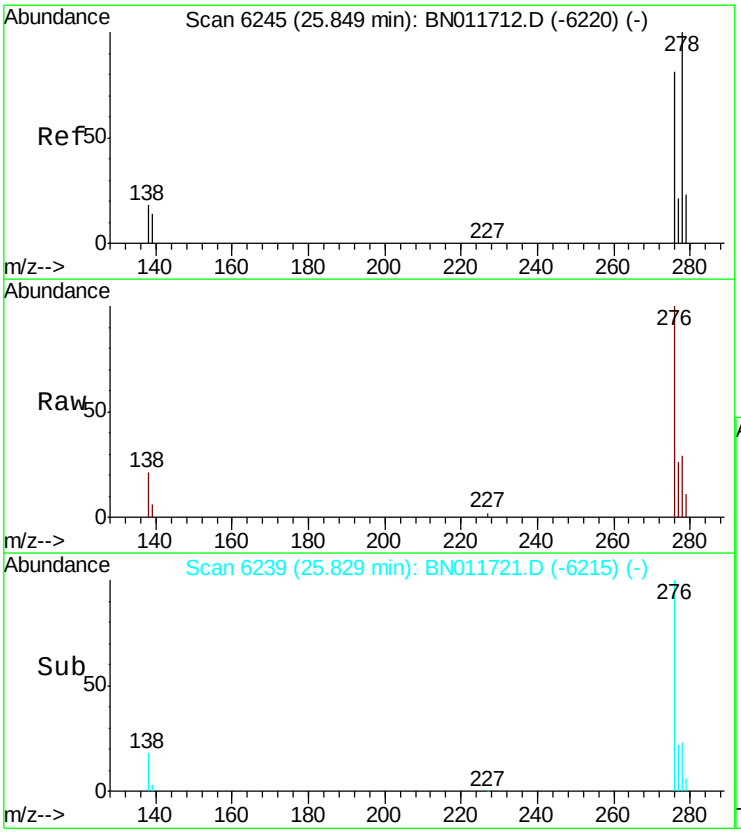
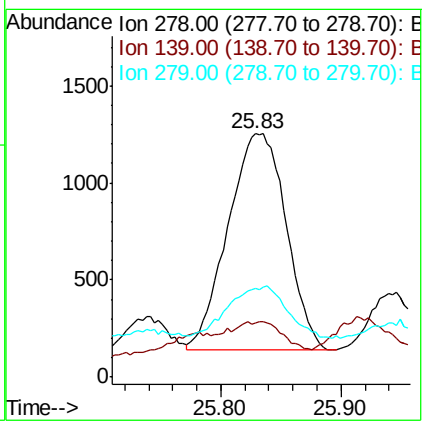


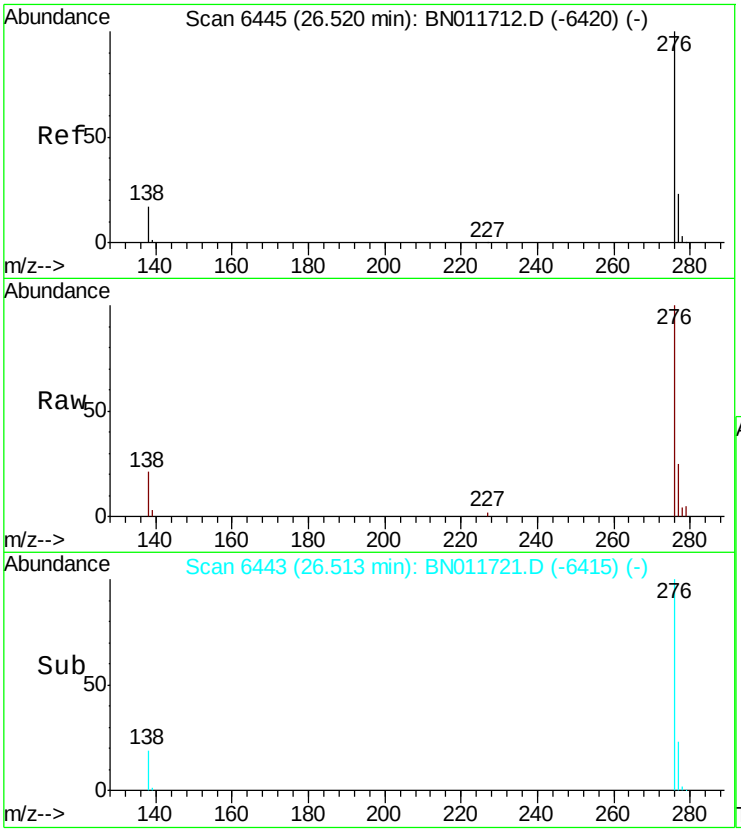


#25
Dibenzo(a,h)anthracene
Concen: 1.640 ng/ul
RT: 25.83 min Scan# 6239
Delta R.T. -0.02 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:278 Resp: 3756

Ion	Ratio	Lower	Upper
278	100		
139	22.2	12.1	18.1#
279	36.4	22.9	34.3#

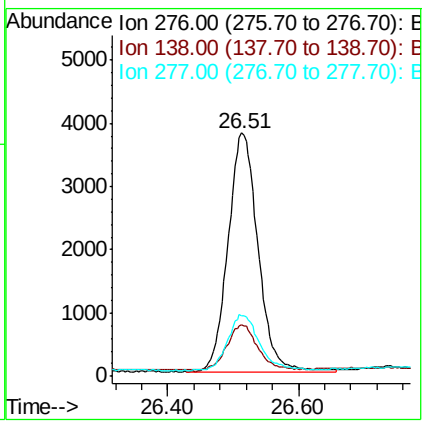




#26
Benzo(g,h,i)perylene
Concen: 4.572 ng/ul
RT: 26.51 min Scan# 6443
Delta R.T. -0.01 min
Lab File: BN011721.D
Acq: 05 Sep 2020 03:48

Tgt Ion:276 Resp: 12024

Ion	Ratio	Lower	Upper
276	100		
138	21.2	15.8	23.6
277	24.6	20.6	31.0



Instrument :
BNA_N
ClientSampleId :
C0AC0

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:34 PM