Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011726.D
Acq On : 05 Sep 2020 06:48
Operator : CG/JU
Sample : L3843-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 05 07:21:52 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 : C0AC8

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3286	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	13260	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	8320	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	17874	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	15862	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	15018	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	4914	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	11781	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	325458	8.420	ng/ul	96
5) 2-Methylnaphthalene	12.19	142	11855	0.485	ng/ul	98
7) Acenaphthylene	14.10	152	10920	0.261	ng/ul#	86
8) Acenaphthene	14.44	153	387435	11.883	ng/ul	97
9) Fluorene	15.43	166	281096	7.315	ng/ul	99
12) Phenanthrene	17.16	178	1309355	21.653	ng/ul	96
13) Anthracene	17.25	178	280432	5.638	ng/ul	96
15) Fluoranthene	19.18	202	1014603	14.587	ng/ul	96
17) Pyrene	19.55	202	675107	10.889	ng/ul#	96
18) Benzo(a)anthracene	21.29	228	253112	4.756	ng/ul	98
19) Chrysene	21.35	228	305091	4.251	ng/ul	99
21) Benzo(b)fluoranthene	22.89	252	222096m	3.402	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	84053m	1.165	ng/ul	
23) Benzo(a)pyrene	23.46	252	129608	2.363	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.82	276	58045	0.783	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.83	278	18279	0.302	ng/ul#	96
26) Benzo(g,h,i)perylene	26.51	276	47973	0.691	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 : BN011726.D
Acq On : 05 Sep 2020 06:48
Operator : CG/JU
Sample : L3843-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 05 07:21:52 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 :
C0AC8

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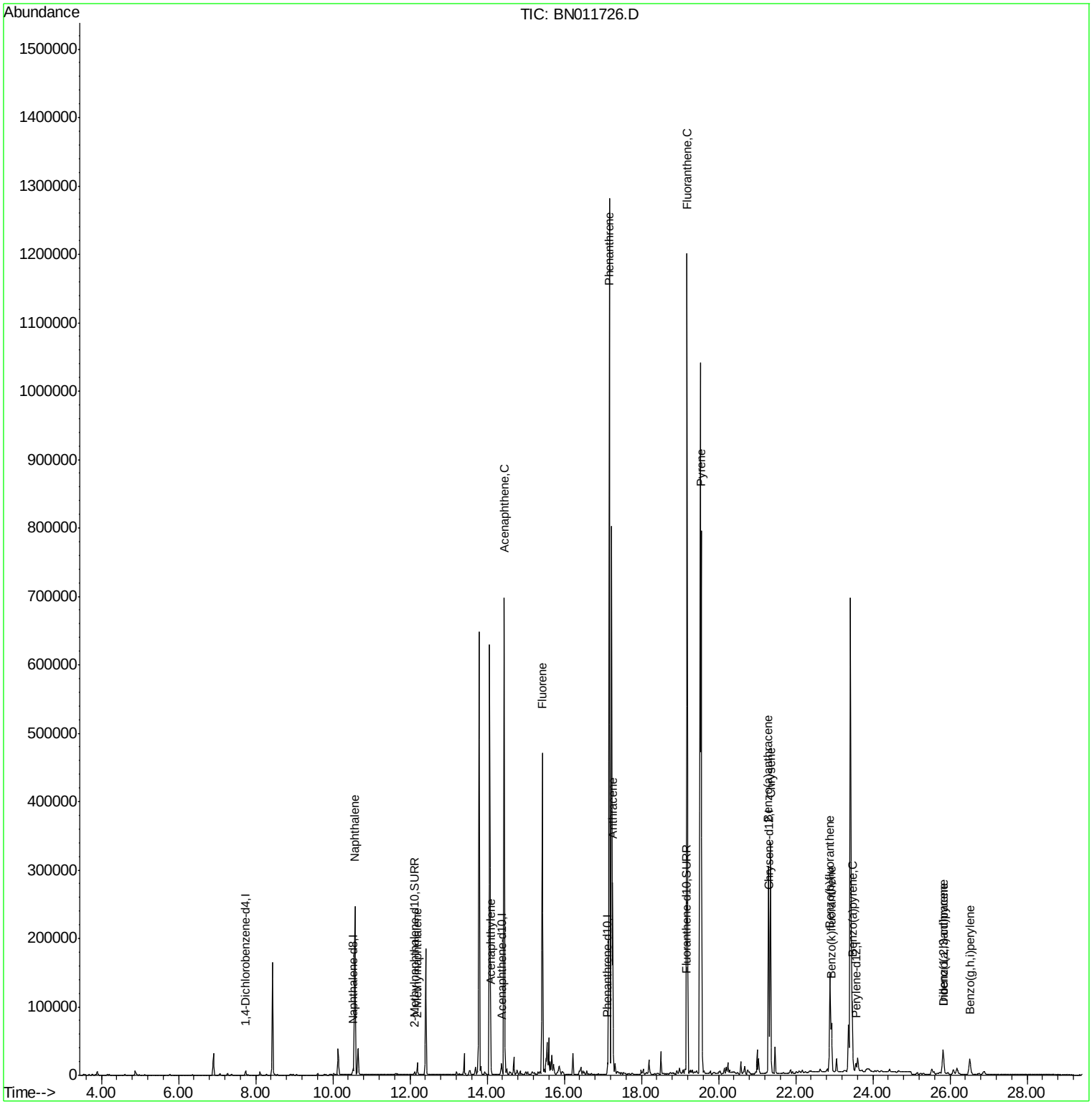
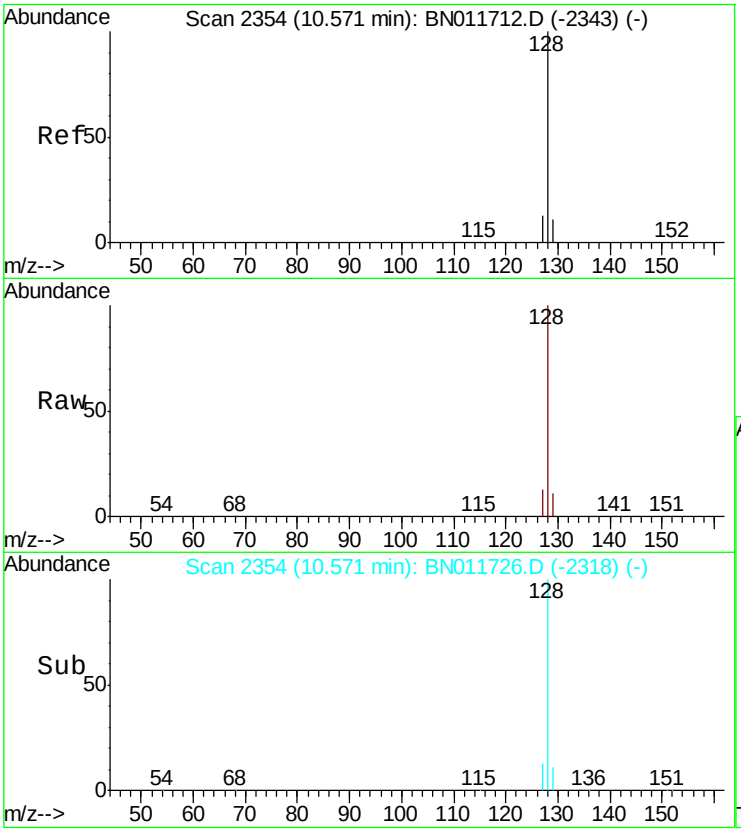
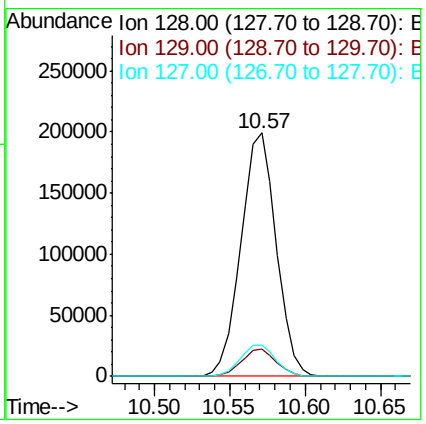




#3
Naphthalene
Concen: 8.420 ng/ul
RT: 10.57 min Scan# 2354
Delta R.T. 0.00 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:128 Resp: 325458

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.4	15.6
127	12.8	11.4	17.0



Instrument :
BNA_N
ClientSampleId :
C0AC8

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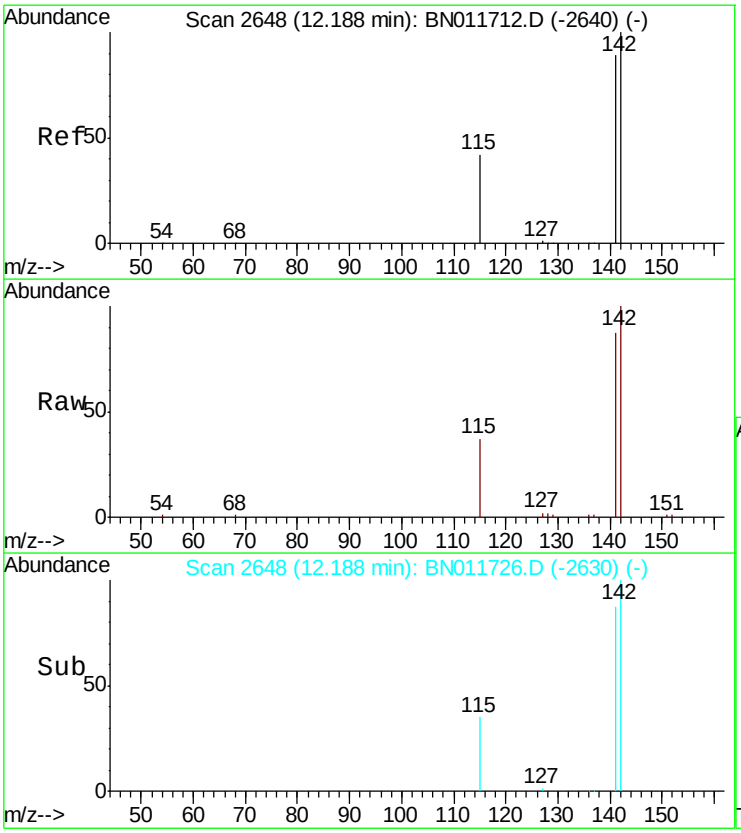
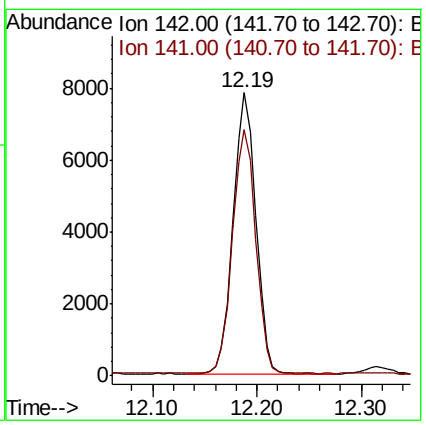
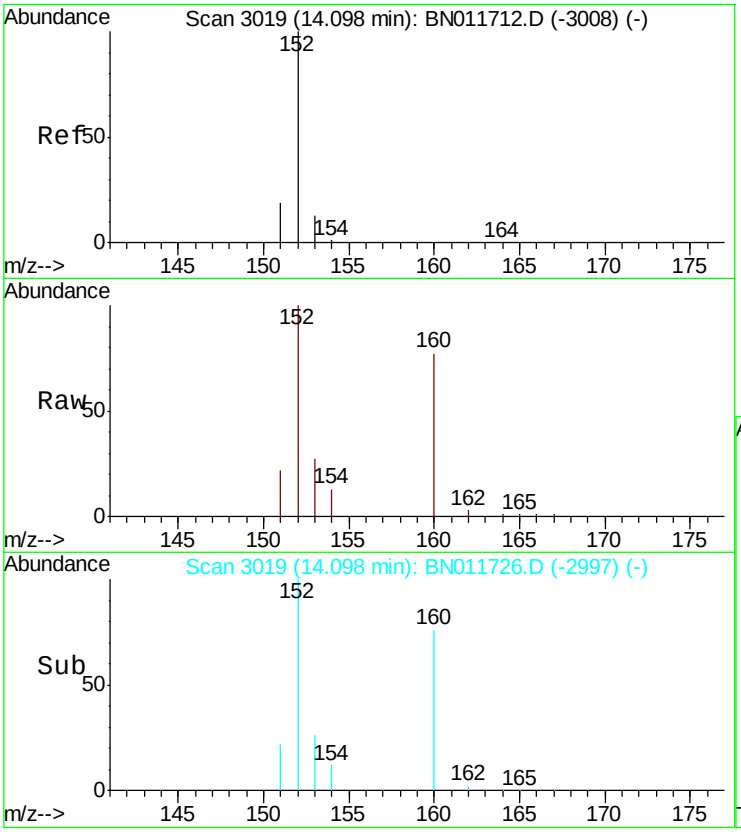


#5
2-Methylnaphthalene
Concen: 0.485 ng/ul
RT: 12.19 min Scan# 2648
Delta R.T. 0.00 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:142 Resp: 11855

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.1	108.1





#7
Acenaphthylene
Concen: 0.261 ng/ul
RT: 14.10 min Scan# 3019
Delta R.T. 0.00 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:152 Resp: 10920

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.7	25.1
153	27.4	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
C0AC8

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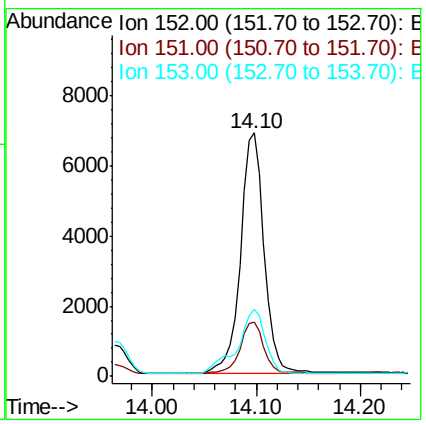
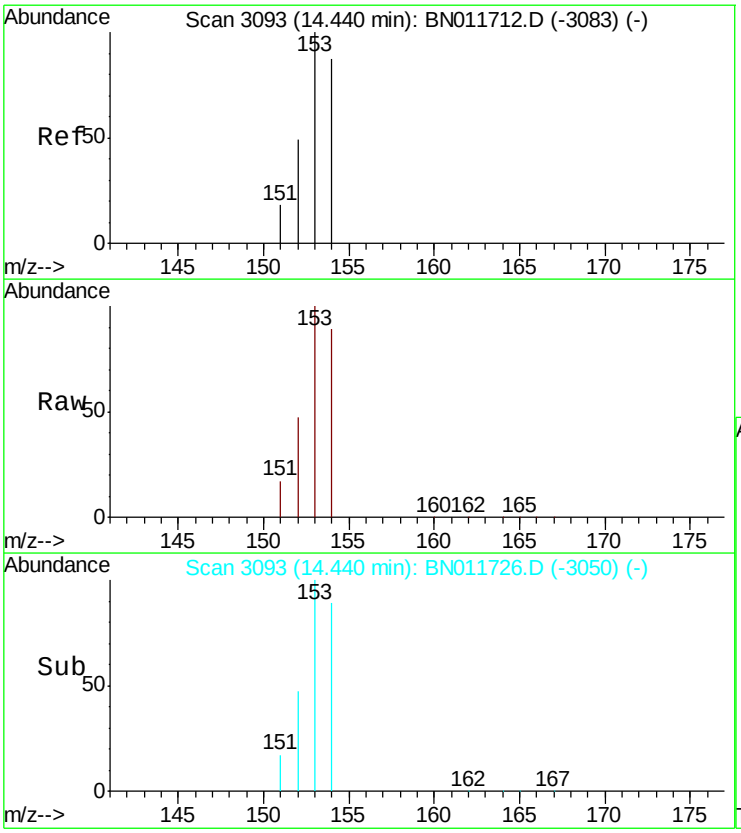
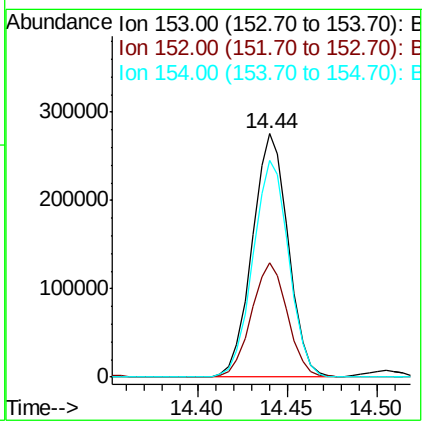


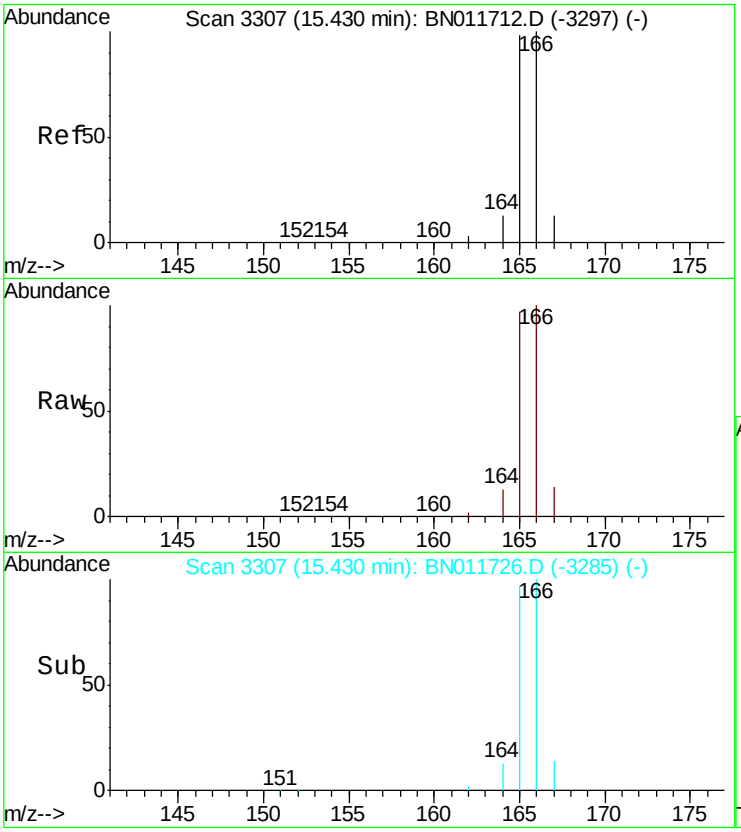


#8
Acenaphthene
Concen: 11.883 ng/ul
RT: 14.44 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:153 Resp: 387435

Ion	Ratio	Lower	Upper
153	100		
152	46.8	41.0	61.6
154	88.9	70.2	105.2

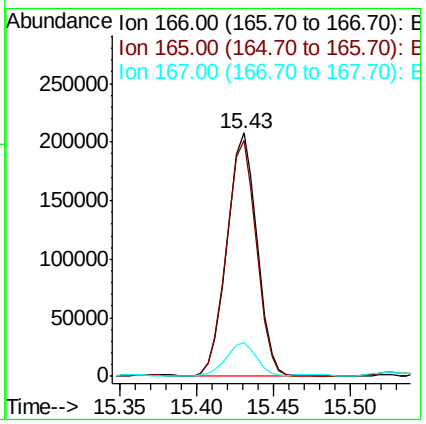




#9
Fluorene
Concen: 7.315 ng/ul
RT: 15.43 min Scan# 3307
Delta R.T. 0.00 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:166 Resp: 281096

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.7	116.5
167	13.9	12.5	18.7



Instrument :
BNA_N
ClientSampleId :
C0AC8

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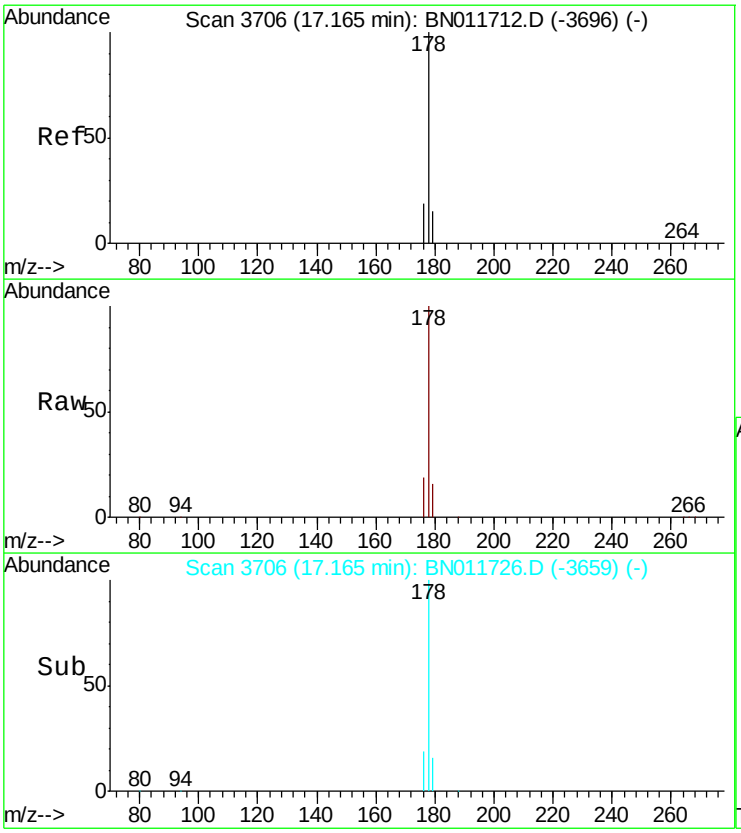
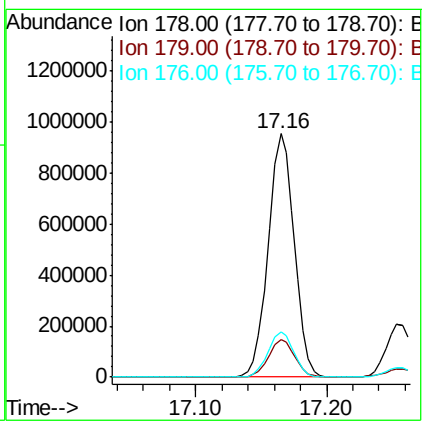
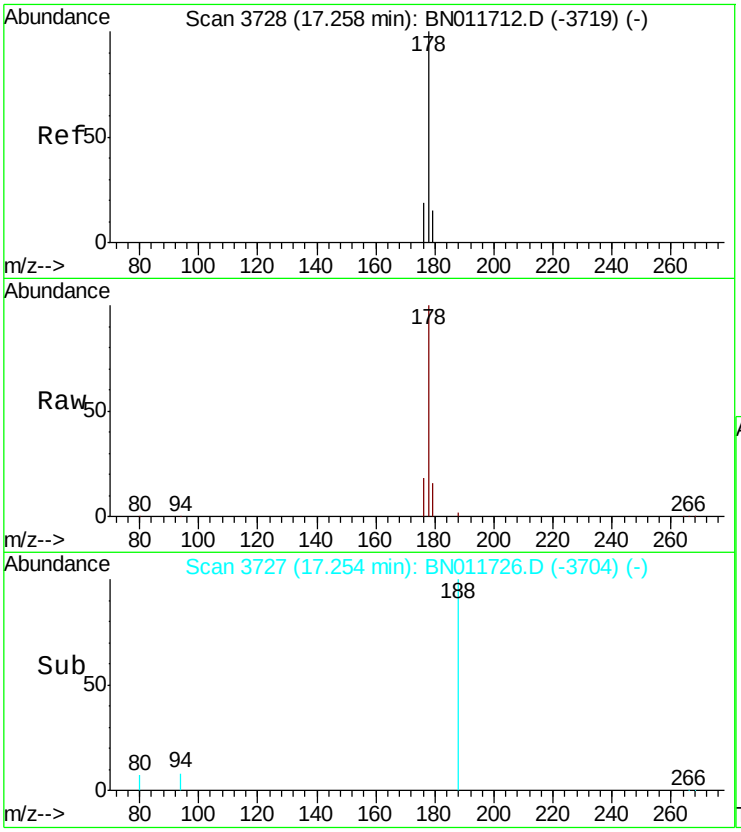


#12
Phenanthrene
Concen: 21.653 ng/ul
RT: 17.16 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:178 Resp: 1309355

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.8	20.8
176	18.6	16.3	24.5

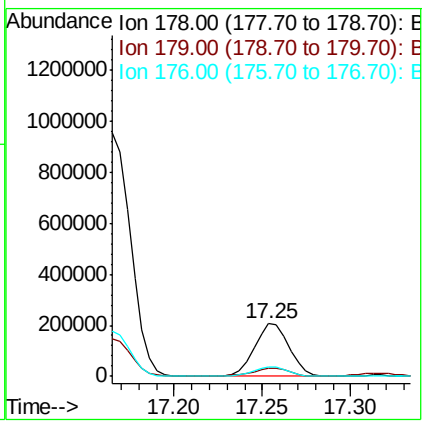




#13
Anthracene
Concen: 5.638 ng/ul
RT: 17.25 min Scan# 3727
Delta R.T. -0.00 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:178 Resp: 280432

Ion	Ratio	Lower	Upper
178	100		
179	15.9	14.2	21.2
176	18.2	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
C0AC8

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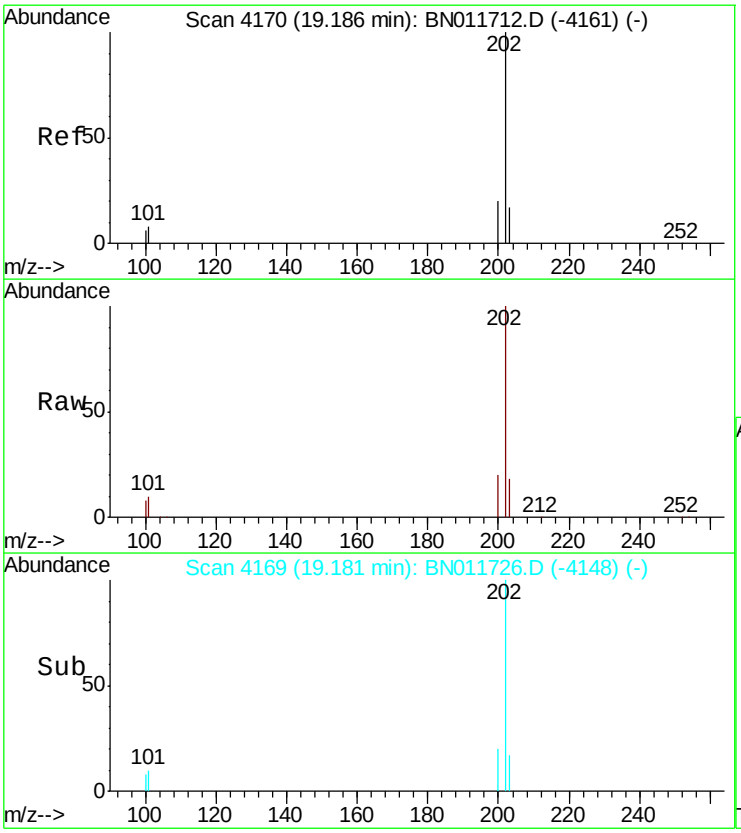
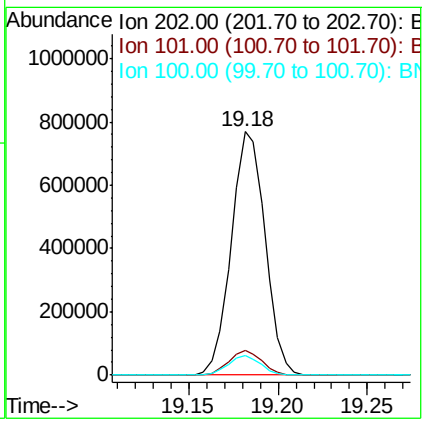
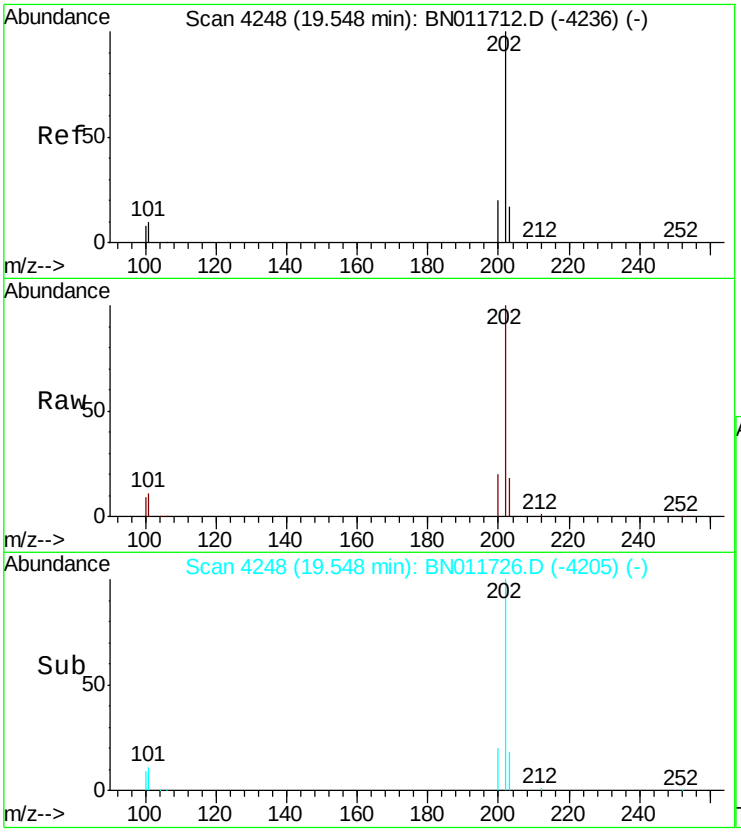


#15
Fluoranthene
Concen: 14.587 ng/ul
RT: 19.18 min Scan# 4169
Delta R.T. -0.00 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:202 Resp: 1014603

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	28.3
100	7.8	0.0	27.1





#17
Pyrene
Concen: 10.889 ng/ul
RT: 19.55 min Scan# 4248
Delta R.T. 0.00 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:202 Resp: 675107

Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.3	10.9#
100	9.0	6.7	10.1

Instrument :
BNA_N
ClientSampleId :
C0AC8

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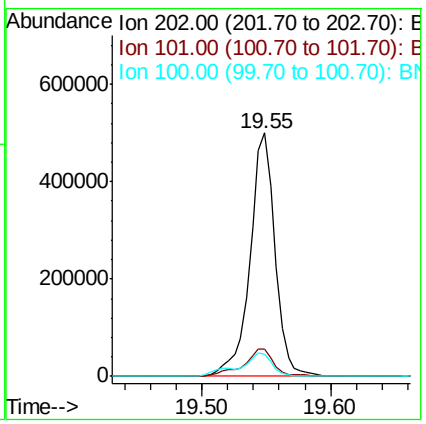
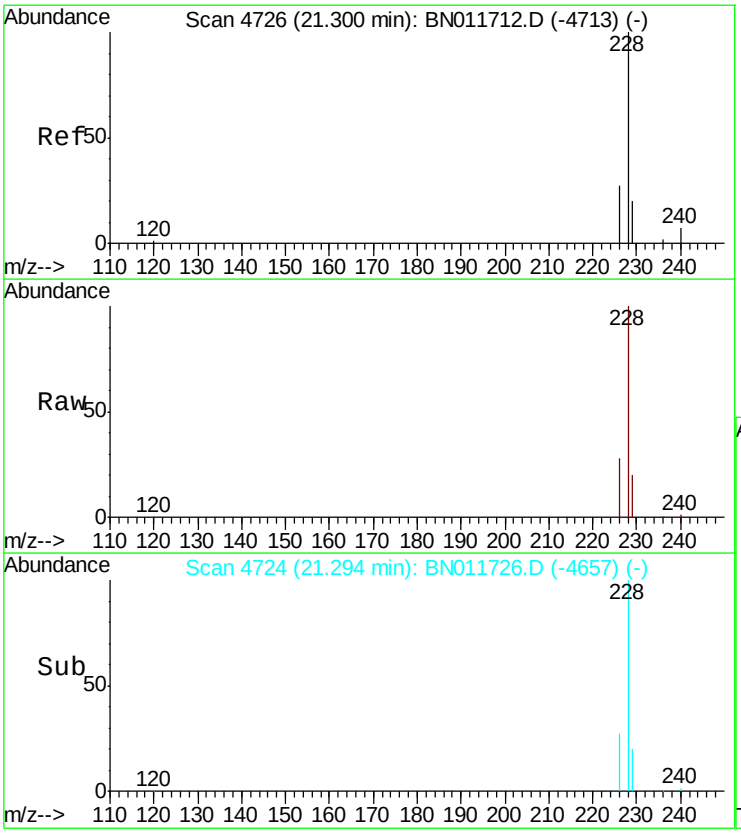
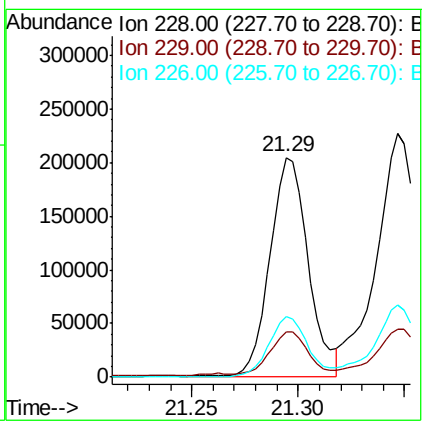


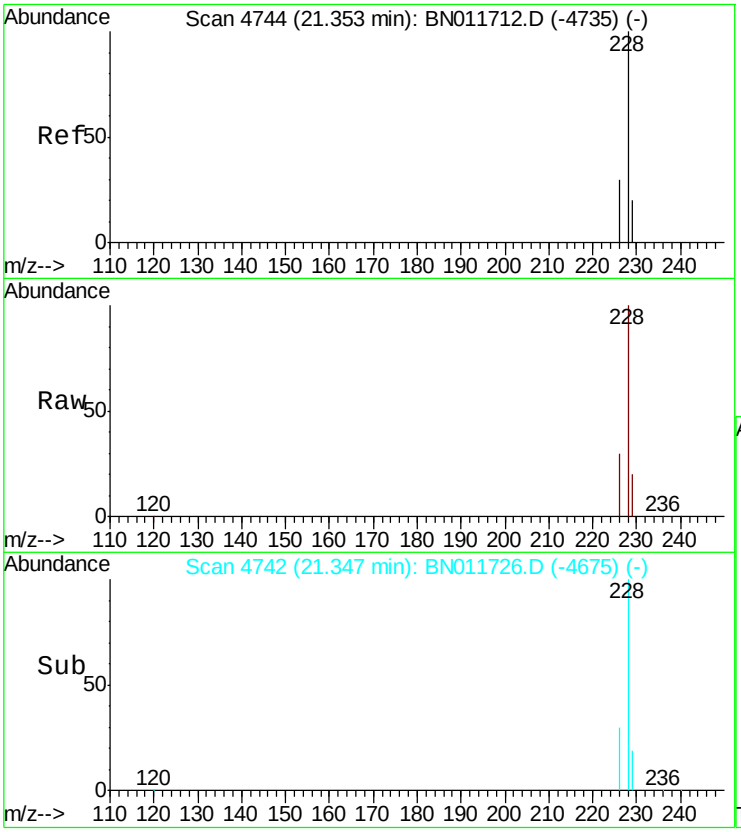


#18
Benzo(a)anthracene
Concen: 4.756 ng/ul
RT: 21.29 min Scan# 4724
Delta R.T. -0.01 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:228 Resp: 253112

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.7	25.1
226	27.6	22.9	34.3

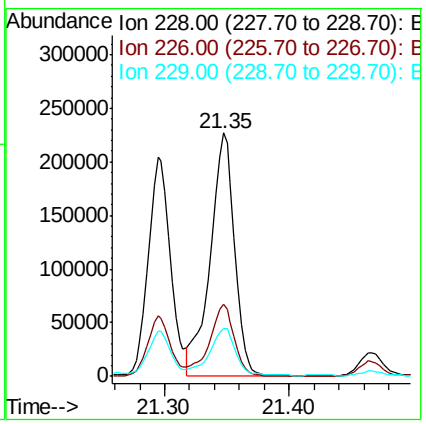




#19
Chrysene
Concen: 4.251 ng/ul
RT: 21.35 min Scan# 4742
Delta R.T. -0.01 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:228 Resp: 305091

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.8	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0AC8

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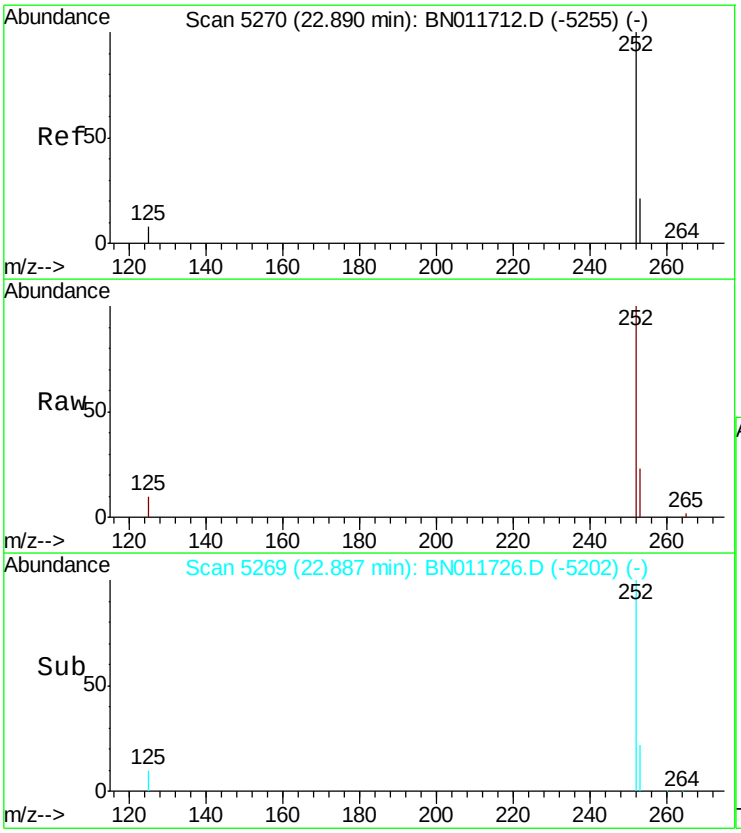
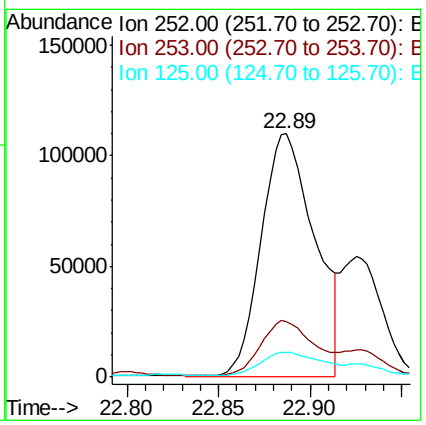
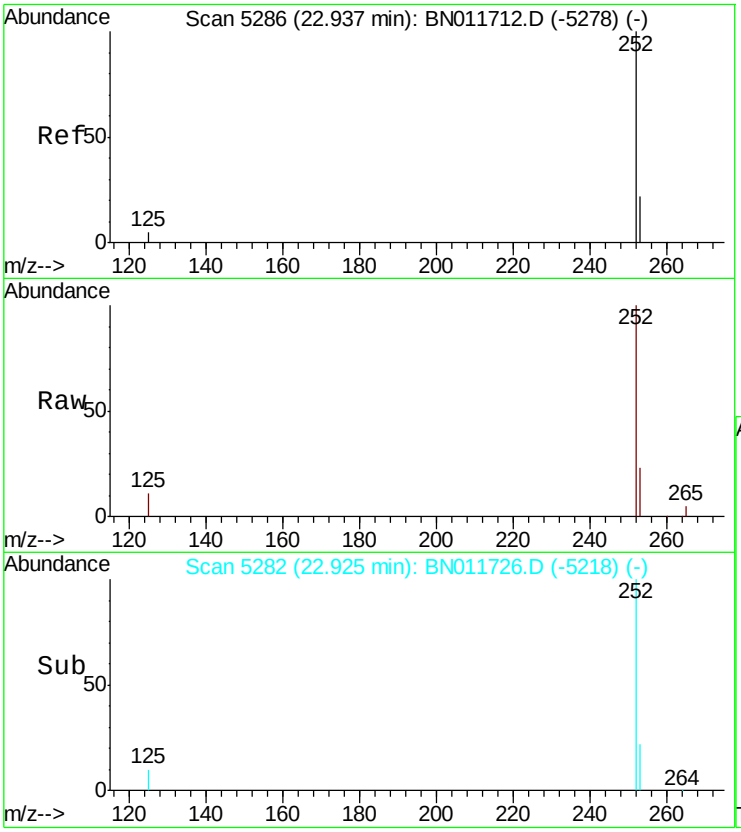


#21
Benzo(b)fluoranthene
Concen: 3.402 ng/ul m
RT: 22.89 min Scan# 5269
Delta R.T. -0.00 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:252 Resp: 222096

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	54.8
125	10.2	0.0	22.2

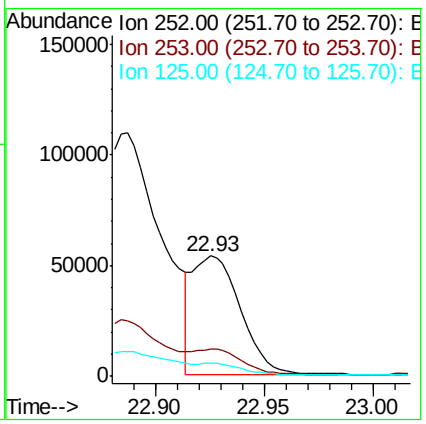




#22
Benzo(k)fluoranthene
Concen: 1.165 ng/ul m
RT: 22.93 min Scan# 5282
Delta R.T. -0.01 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:252 Resp: 84053

Ion	Ratio	Lower	Upper
252	100		
253	23.2	21.8	32.6
125	11.1	9.1	13.7



Instrument :
BNA_N
ClientSampleId :
C0AC8

Manual Integrations APPROVED
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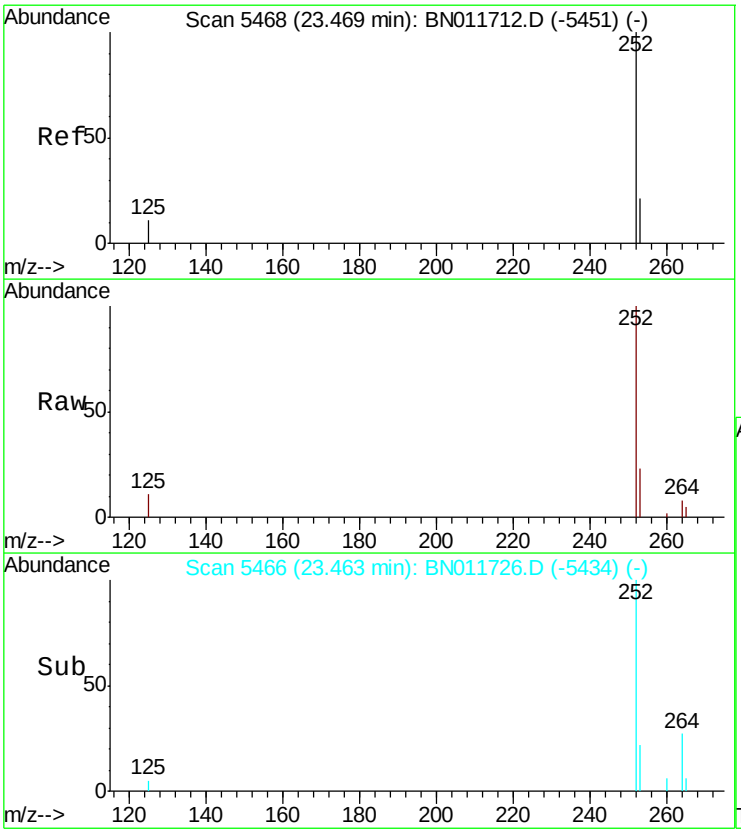
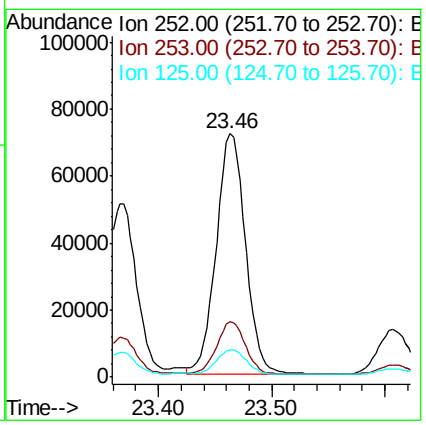
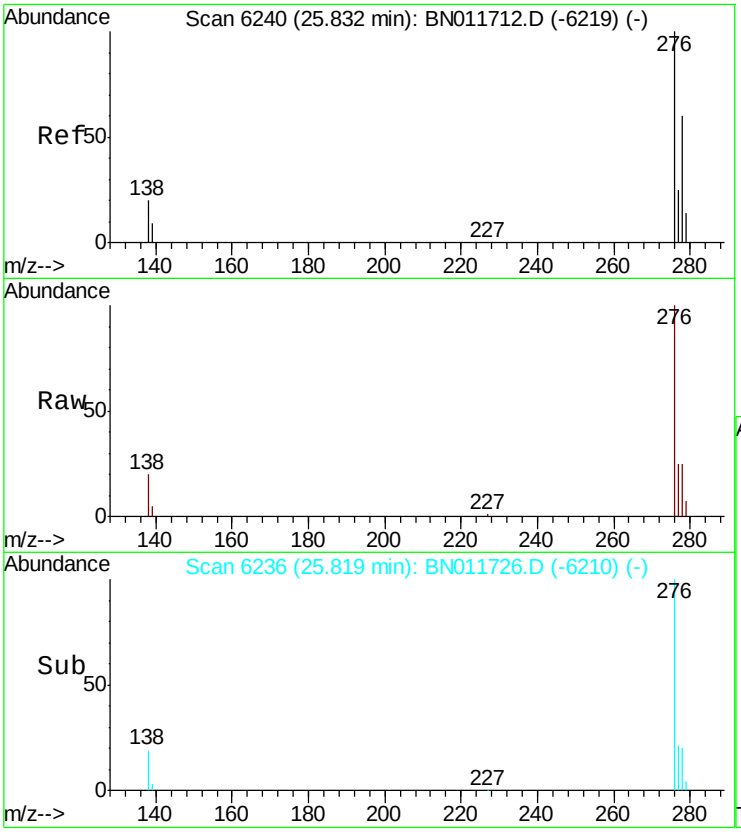


#23
Benzo(a)pyrene
Concen: 2.363 ng/ul
RT: 23.46 min Scan# 5466
Delta R.T. -0.01 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:252 Resp: 129608

Ion	Ratio	Lower	Upper
252	100		
253	22.5	24.4	36.6#
125	11.4	11.1	16.7





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.783 ng/ul
RT: 25.82 min Scan# 6236
Delta R.T. -0.01 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:276 Resp: 58045

Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.8	23.6
227	0.1	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
C0AC8

Manual Integrations APPROVED
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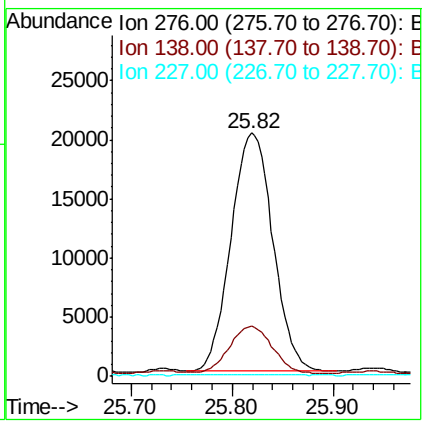
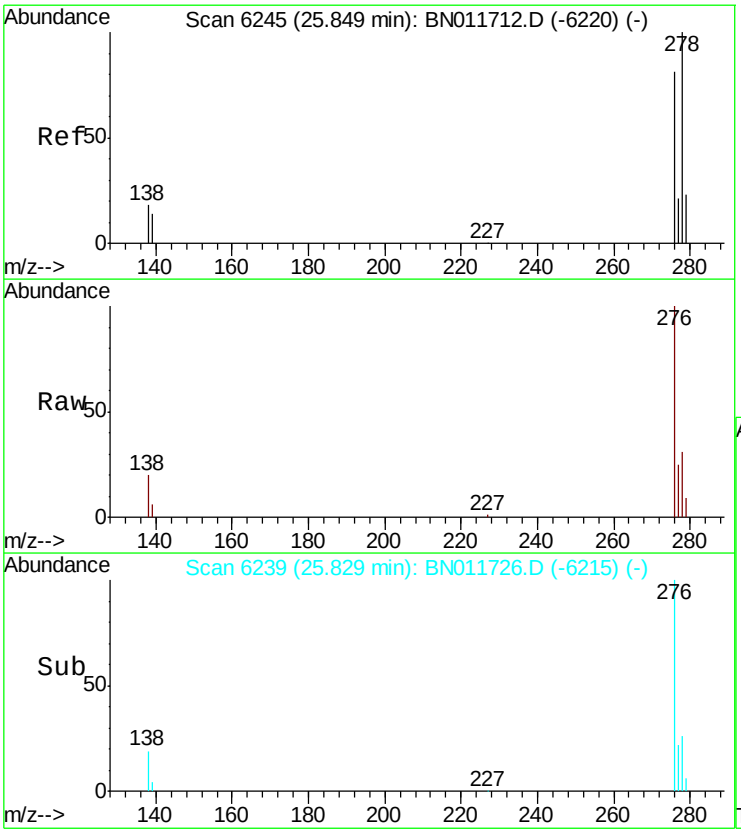
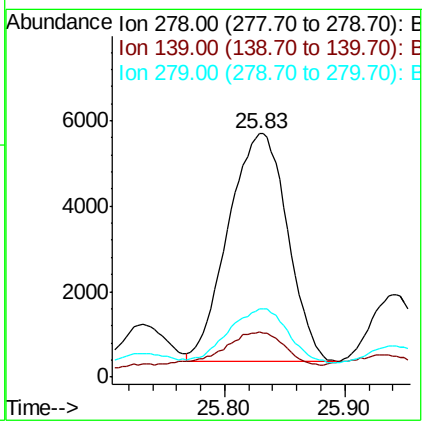


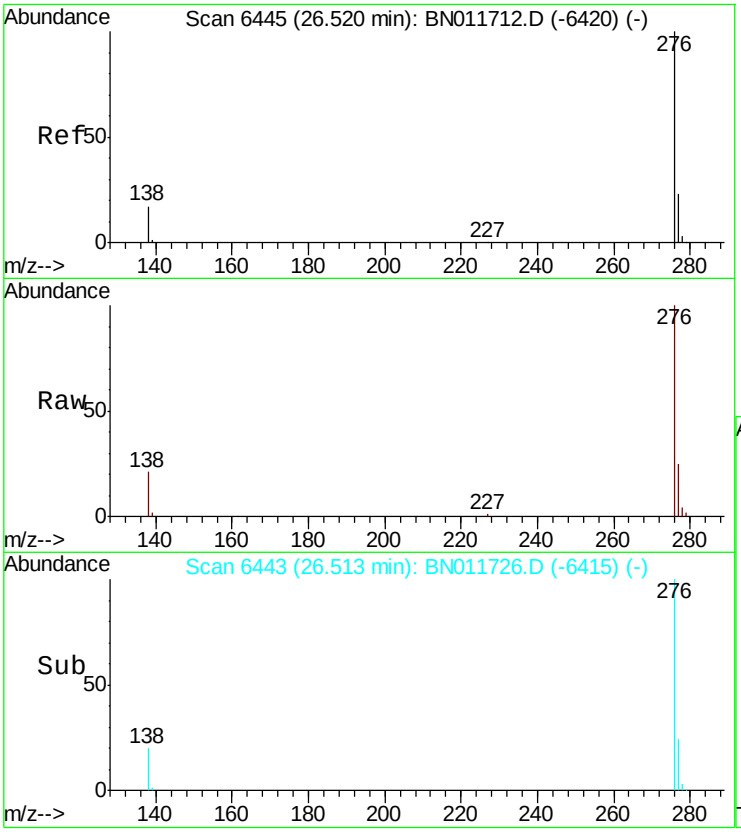


#25
Dibenzo(a,h)anthracene
Concen: 0.302 ng/ul
RT: 25.83 min Scan# 6239
Delta R.T. -0.02 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:278 Resp: 18279

Ion	Ratio	Lower	Upper
278	100		
139	18.5	12.1	18.1#
279	28.0	22.9	34.3

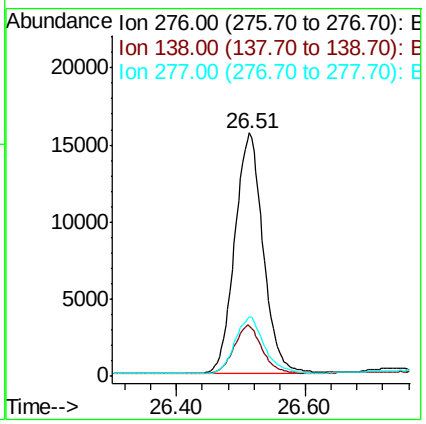




#26
Benzo(g,h,i)perylene
Concen: 0.691 ng/ul
RT: 26.51 min Scan# 6443
Delta R.T. -0.01 min
Lab File: BN011726.D
Acq: 05 Sep 2020 06:48

Tgt Ion:276 Resp: 47973

Ion	Ratio	Lower	Upper
276	100		
138	20.5	15.8	23.6
277	24.5	20.6	31.0



Instrument :
BNA_N
ClientSampleId :
C0AC8

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:48 PM