Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013030.D
Acq On : 10 Dec 2020 02:45
Operator : CG/JU
Sample : L4941-11
Misc :
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 10 05:20:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0B30

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1367	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	5607	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2999	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	6181	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4334	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	3889	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1008	0.12	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	2131	0.13	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	616	0.038	ng/ul#	85
5) 2-Methylnaphthalene	11.82	142	397	0.037	ng/ul	94
7) Acenaphthylene	13.76	152	1718	0.121	ng/ul	99
8) Acenaphthene	14.11	153	400	0.034	ng/ul	93
9) Fluorene	15.11	166	574	0.043	ng/ul#	92
12) Phenanthrene	16.84	178	16562	0.799	ng/ul	97
13) Anthracene	16.94	178	3412	0.193	ng/ul	98
15) Fluoranthene	18.88	202	50609	2.055	ng/ul	96
17) Pyrene	19.24	202	44625	2.180	ng/ul	98
18) Benzo(a)anthracene	21.01	228	21071	1.175	ng/ul	99
19) Chrysene	21.06	228	23888	1.206	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	31015m	1.724	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	10845m	0.545	ng/ul	
23) Benzo(a)pyrene	23.03	252	20360	1.220	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.17	276	13816	0.630	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.18	278	3353	0.193	ng/ul#	88
26) Benzo(g,h,i)perylene	25.81	276	11851	0.597	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013030.D
Acq On : 10 Dec 2020 02:45
Operator : CG/JU
Sample : L4941-11
Misc :
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 10 05:20:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B30

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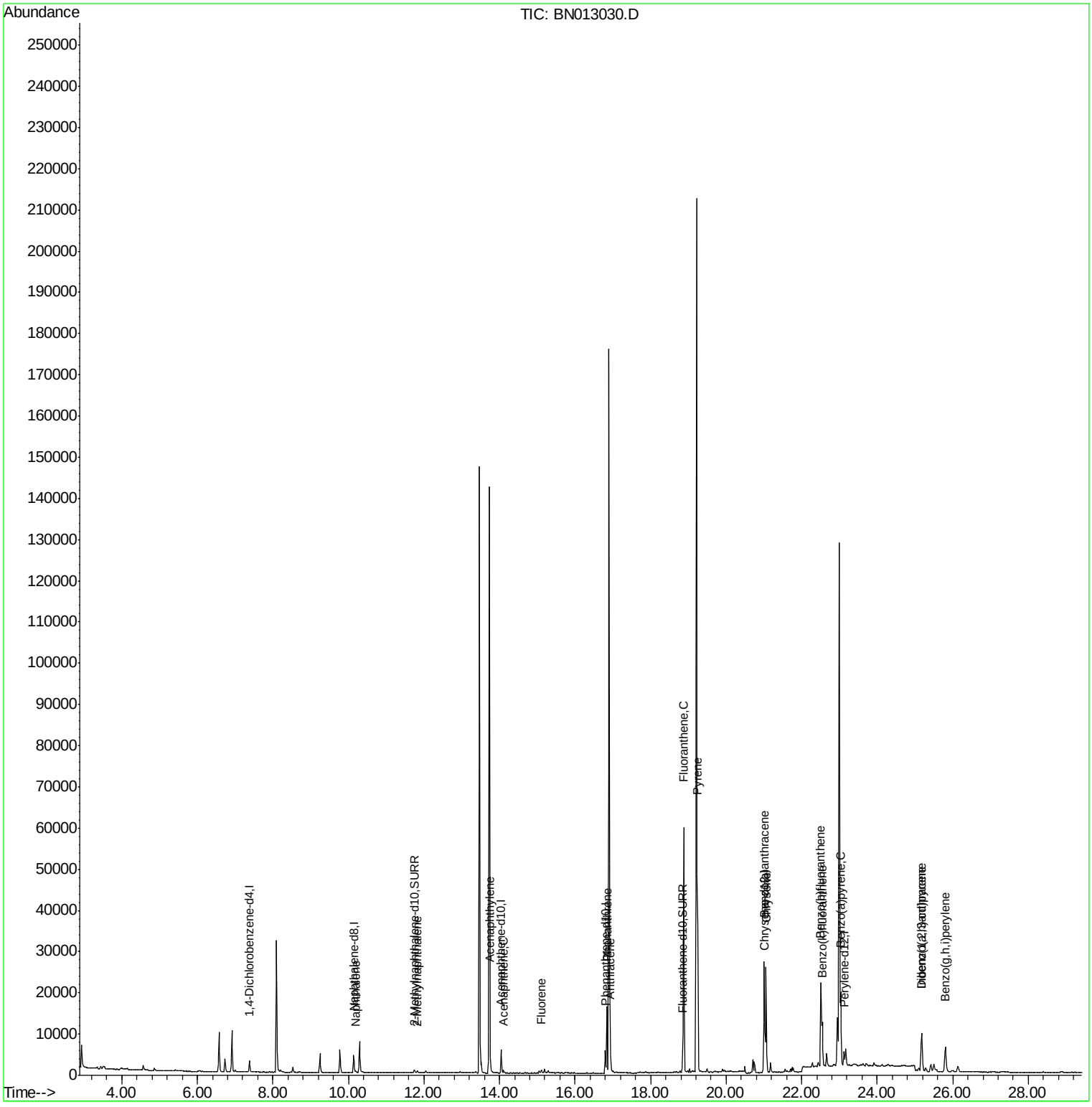

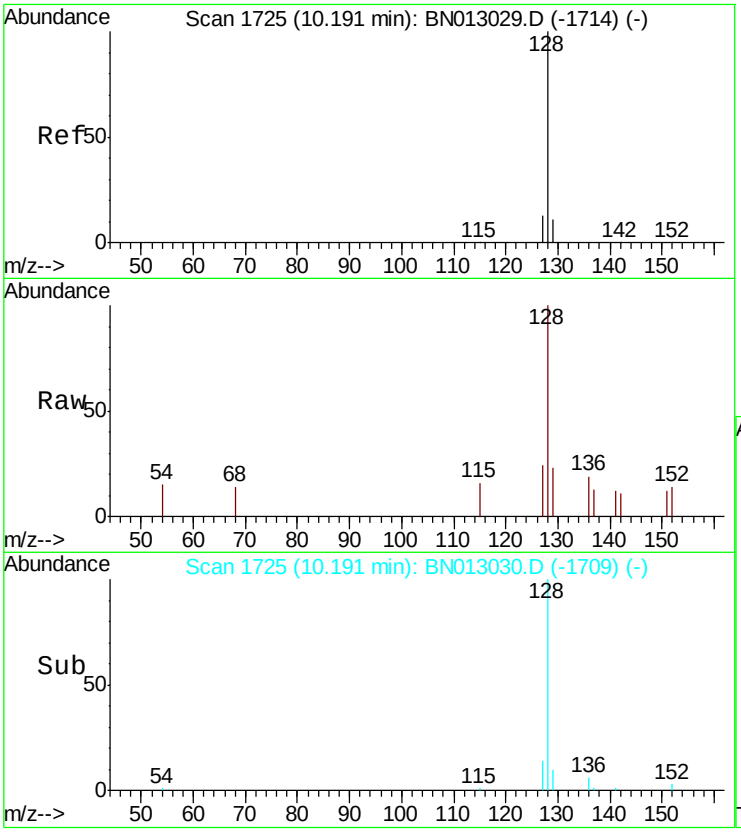

#3
Naphthalene
Concen: 0.038 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:128 Resp: 616

Ion	Ratio	Lower	Upper
128	100		
129	22.5	12.3	18.5#
127	23.7	14.2	21.4#

Instrument :
BNA_N
ClientSampleId :
C0B30

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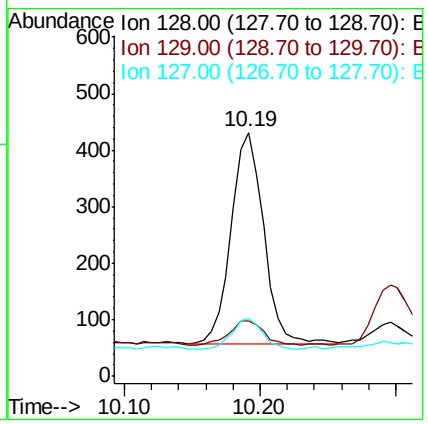
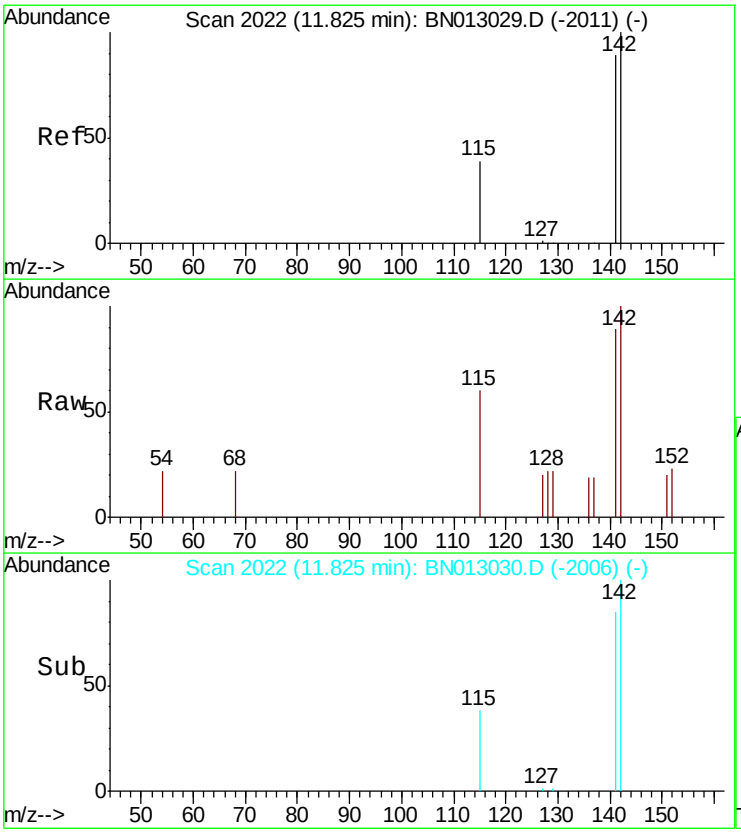
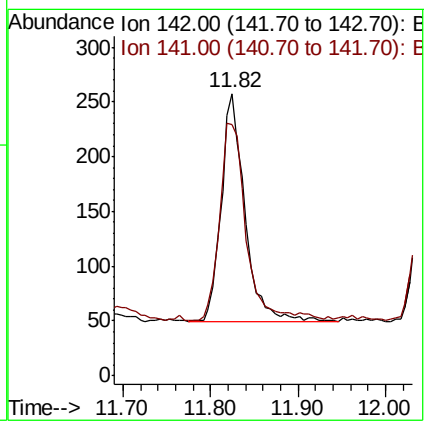


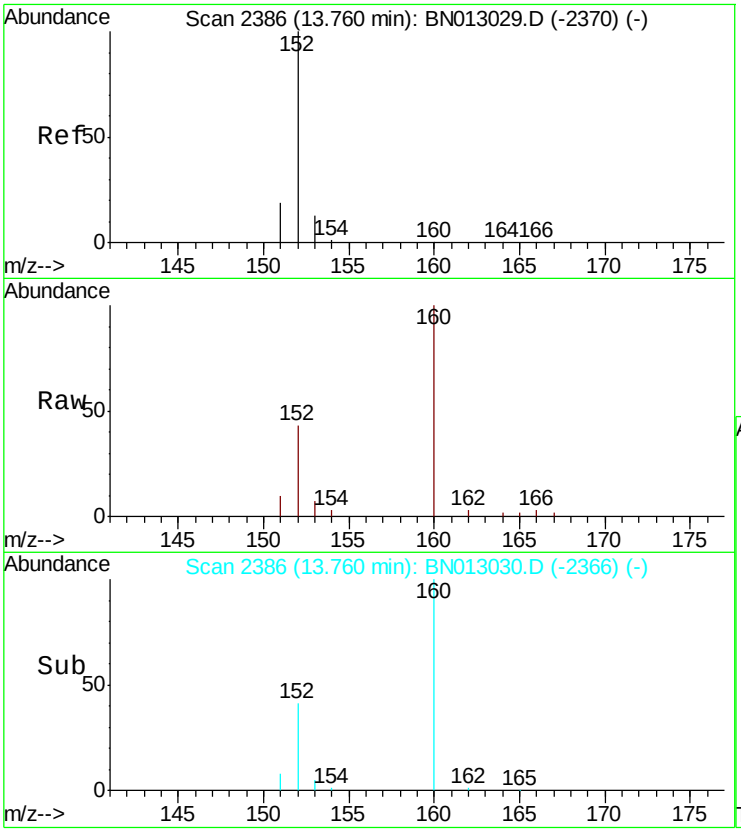


#5
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:142 Resp: 397

Ion	Ratio	Lower	Upper
142	100		
141	96.7	73.0	109.6

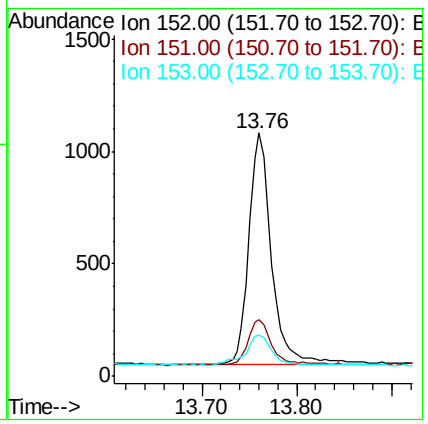




#7
Acenaphthylene
Concen: 0.121 ng/ul
RT: 13.76 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:152 Resp: 1718

Ion	Ratio	Lower	Upper
152	100		
151	23.2	18.2	27.4
153	17.3	13.1	19.7



Instrument :
BNA_N
ClientSampleId :
C0B30

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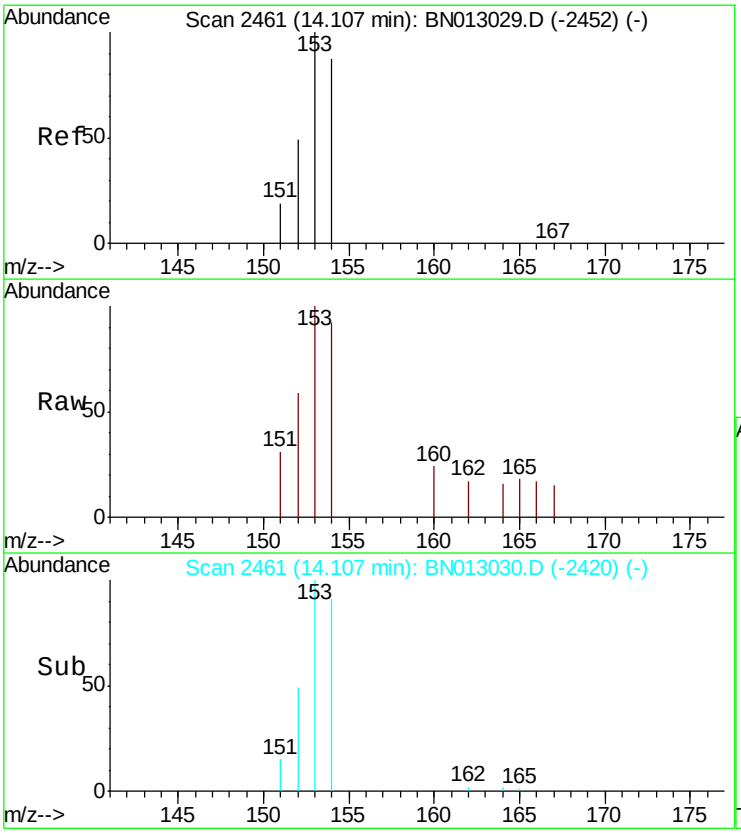
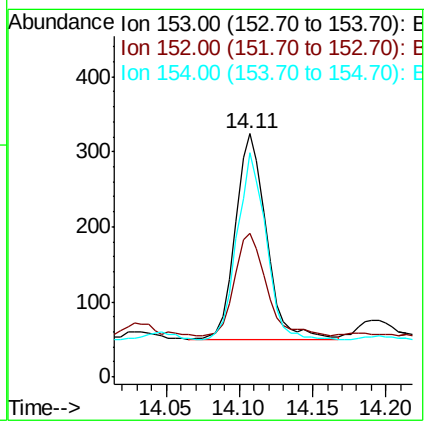
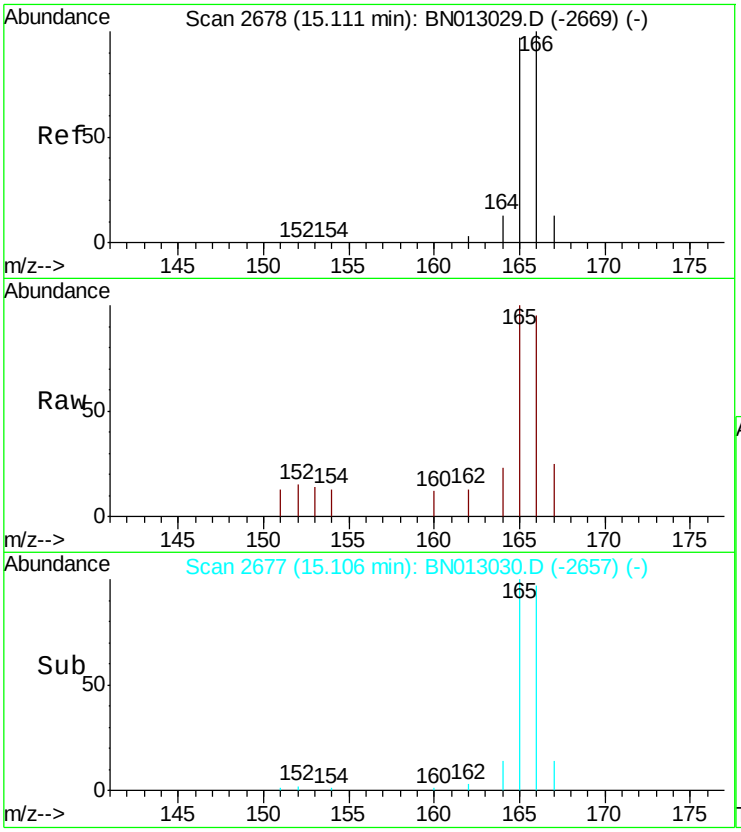


#8
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.11 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:153 Resp: 400

Ion	Ratio	Lower	Upper
153	100		
152	59.3	40.7	61.1
154	92.0	70.8	106.2

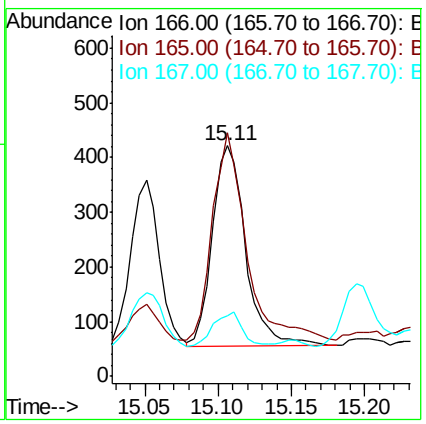




#9
Fluorene
Concen: 0.043 ng/ul
RT: 15.11 min Scan# 2677
Delta R.T. -0.01 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:166 Resp: 574

Ion	Ratio	Lower	Upper
166	100		
165	105.7	79.8	119.8
167	26.1	13.8	20.8#



Instrument :
BNA_N
ClientSampleId :
C0B30

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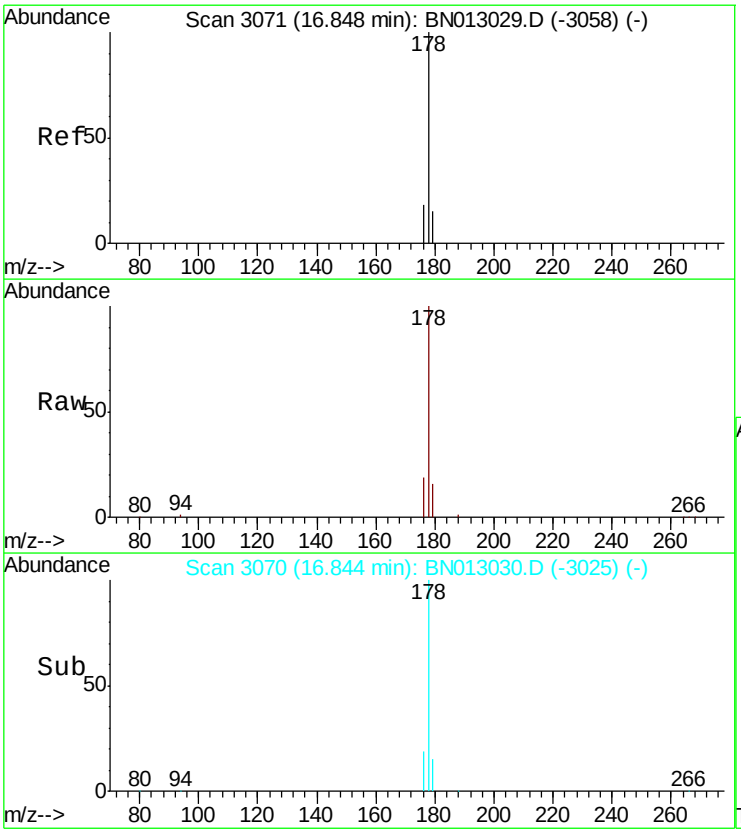
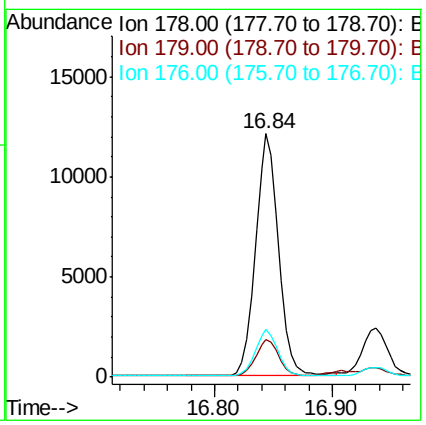
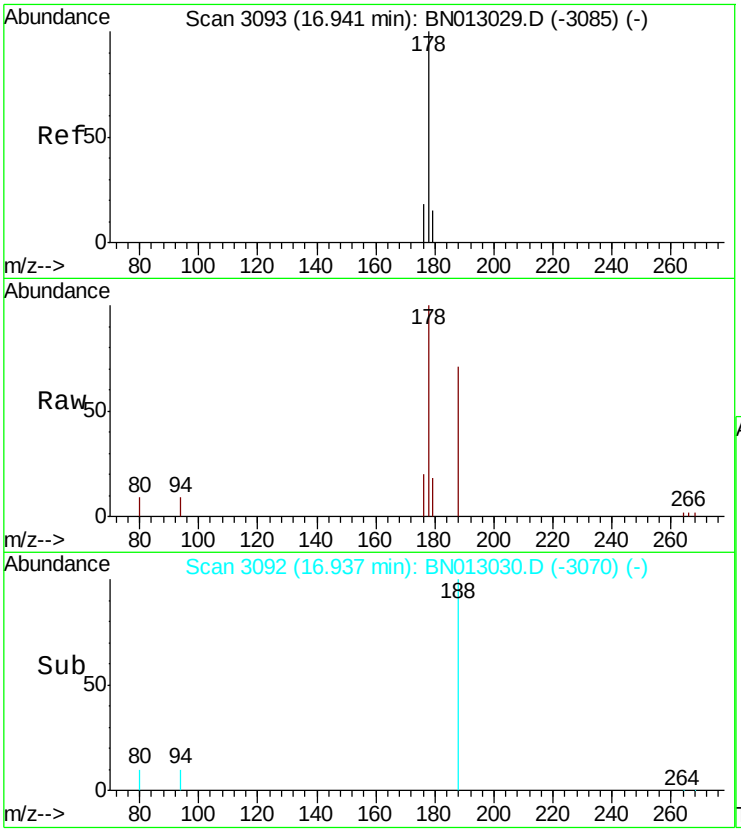


#12
Phenanthrene
Concen: 0.799 ng/ul
RT: 16.84 min Scan# 3070
Delta R.T. -0.01 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:178 Resp: 16562

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.6	20.4
176	19.4	16.4	24.6

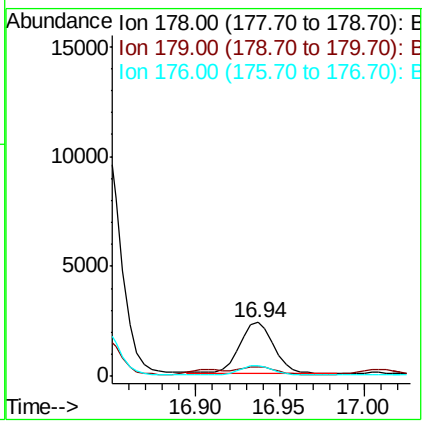




#13
Anthracene
Concen: 0.193 ng/ul
RT: 16.94 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:178 Resp: 3412

Ion	Ratio	Lower	Upper
178	100		
179	18.4	14.6	21.8
176	19.6	17.1	25.7



Instrument :
BNA_N
ClientSampleId :
C0B30

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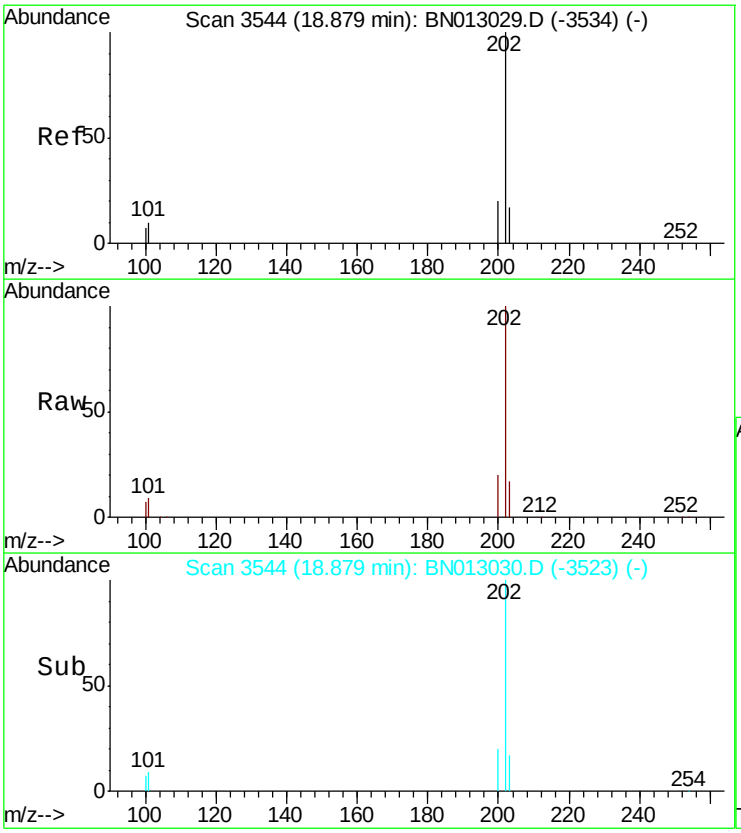
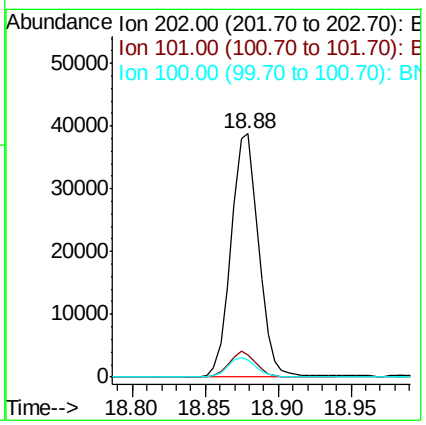
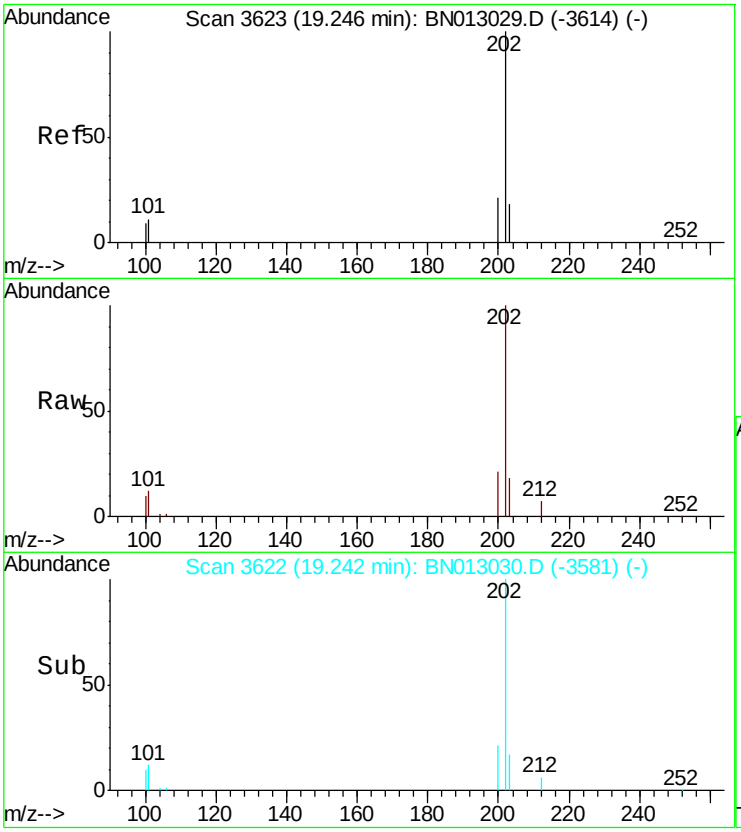


#15
Fluoranthene
Concen: 2.055 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:202 Resp: 50609

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.6
100	7.1	0.0	28.7

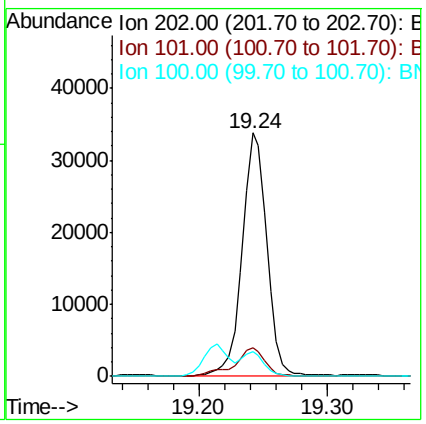




#17
Pyrene
Concen: 2.180 ng/ul
RT: 19.24 min Scan# 3622
Delta R.T. -0.01 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:202 Resp: 44625

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.1	13.7
100	10.0	7.5	11.3



Instrument :
BNA_N
ClientSampleId :
C0B30

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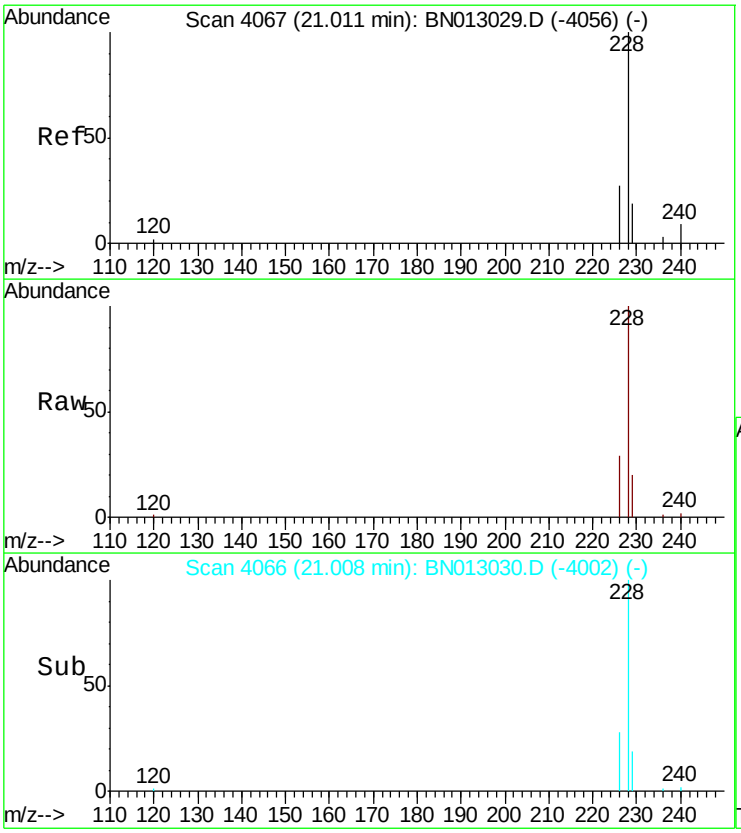
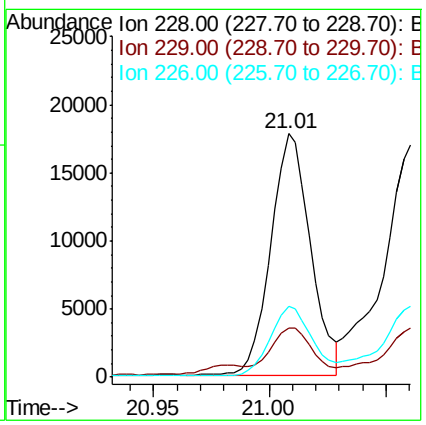
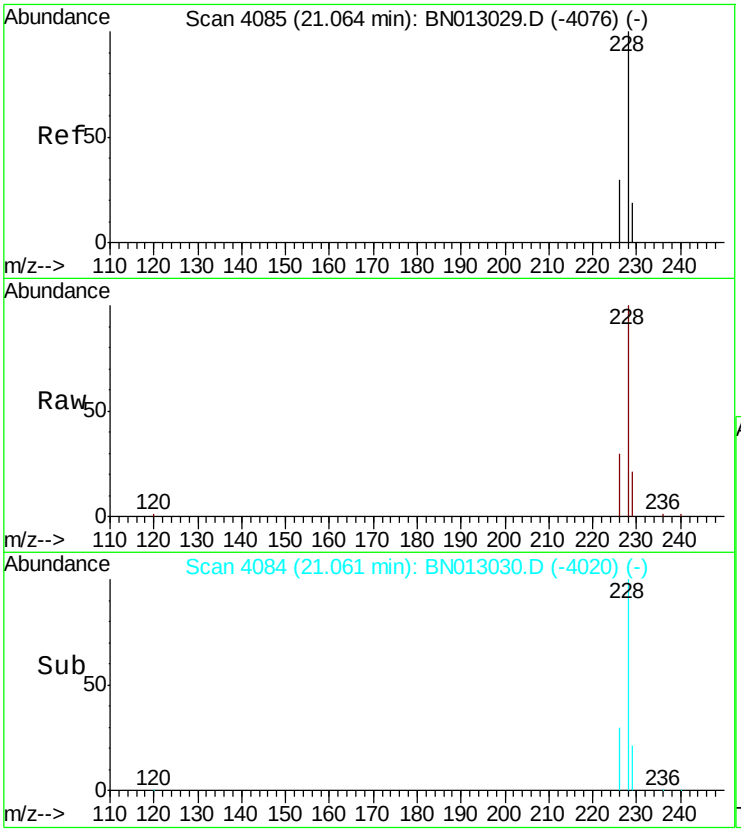


#18
Benzo(a)anthracene
Concen: 1.175 ng/ul
RT: 21.01 min Scan# 4066
Delta R.T. -0.01 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:228 Resp: 21071

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.3	24.5
226	28.9	23.4	35.2

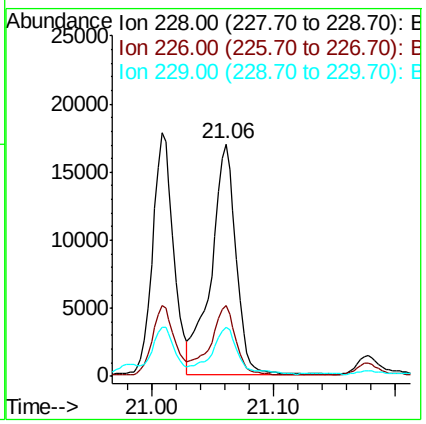




#19
Chrysene
Concen: 1.206 ng/ul
RT: 21.06 min Scan# 4084
Delta R.T. -0.01 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:228 Resp: 23888

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.3	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0B30

Manual Integrations APPROVED
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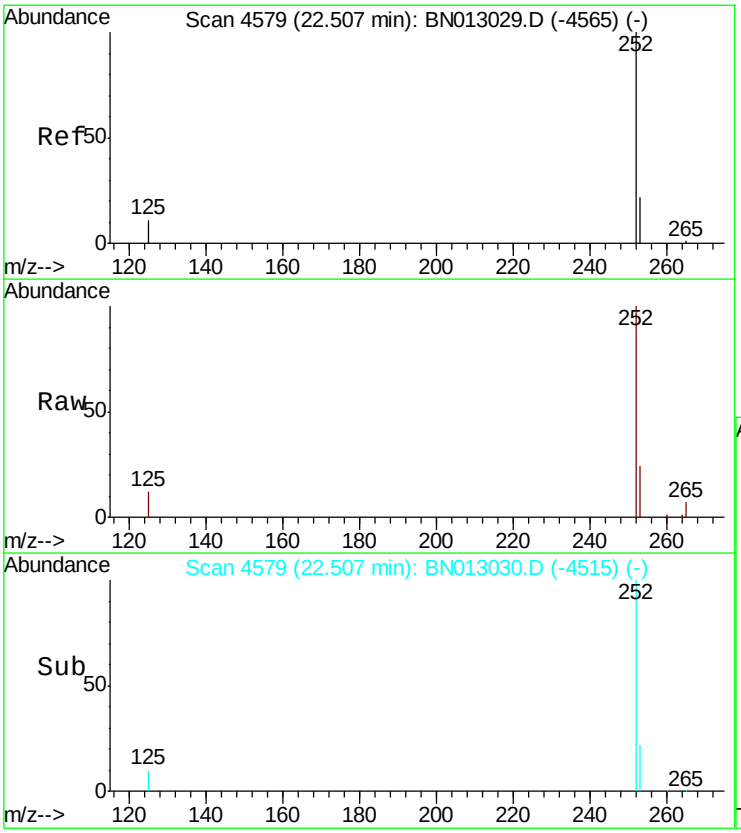
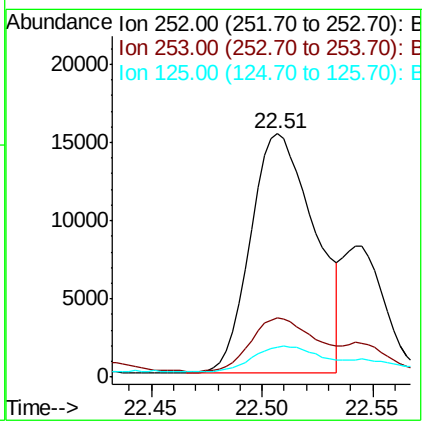
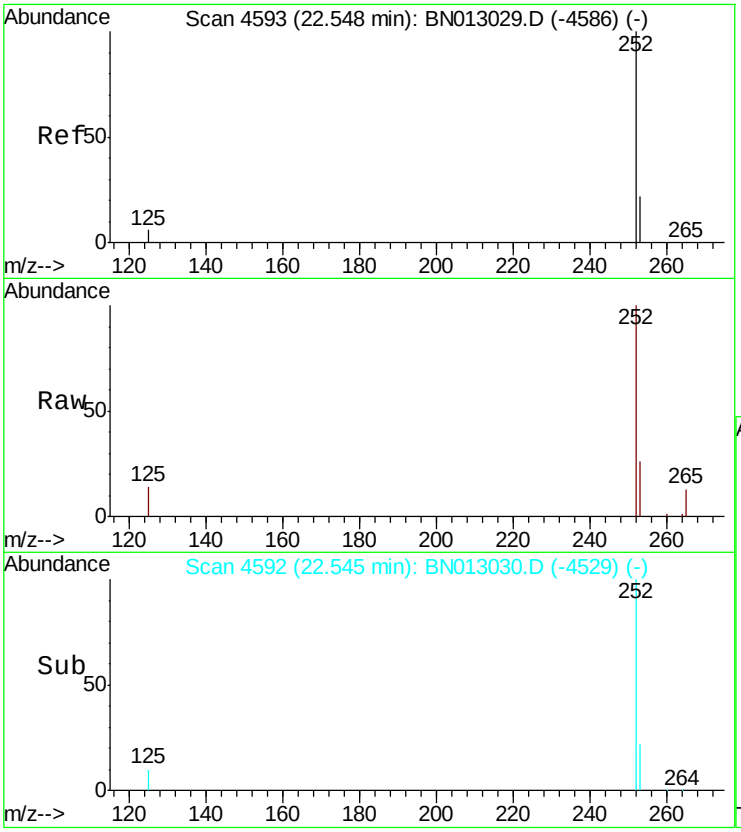


#21
Benzo(b)fluoranthene
Concen: 1.724 ng/ul m
RT: 22.51 min Scan# 4579
Delta R.T. -0.01 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:252 Resp: 31015

Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	59.6
125	12.2	0.0	26.0

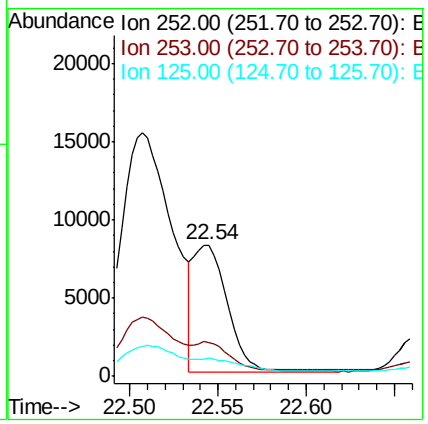




#22
Benzo(k)fluoranthene
Concen: 0.545 ng/ul m
RT: 22.54 min Scan# 4592
Delta R.T. -0.01 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:252 Resp: 10845

Ion	Ratio	Lower	Upper
252	100		
253	26.1	23.4	35.2
125	13.6	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
C0B30

Manual Integrations APPROVED
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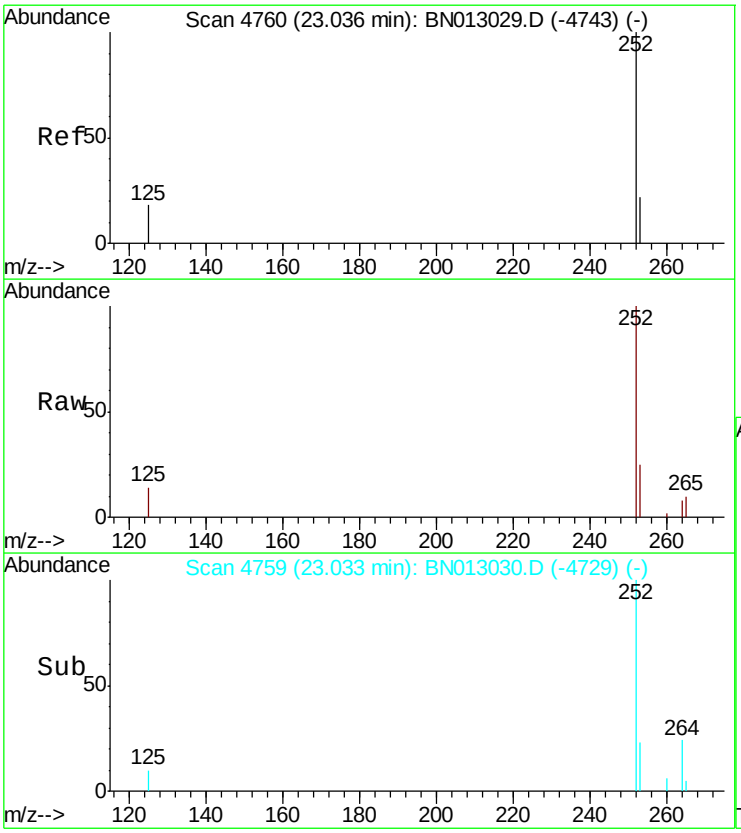
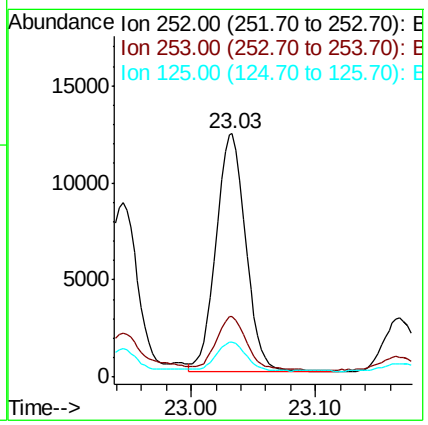
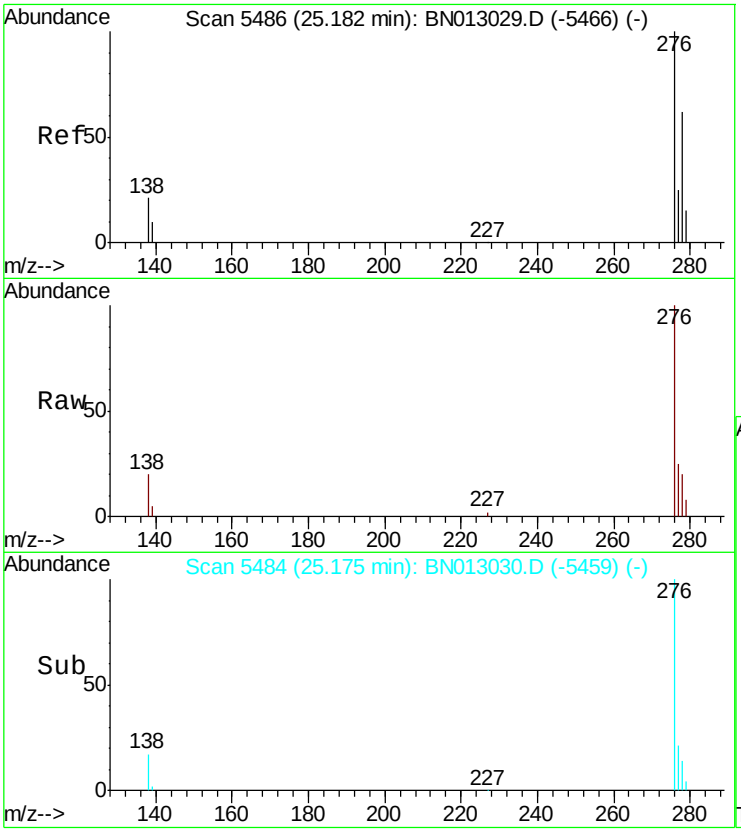


#23
Benzo(a)pyrene
Concen: 1.220 ng/ul
RT: 23.03 min Scan# 4759
Delta R.T. -0.01 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:252 Resp: 20360

Ion	Ratio	Lower	Upper
252	100		
253	24.7	26.5	39.7#
125	14.3	14.2	21.2





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.630 ng/ul
RT: 25.17 min Scan# 5484
Delta R.T. -0.02 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:276 Resp: 13816

Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.2	24.2
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0B30

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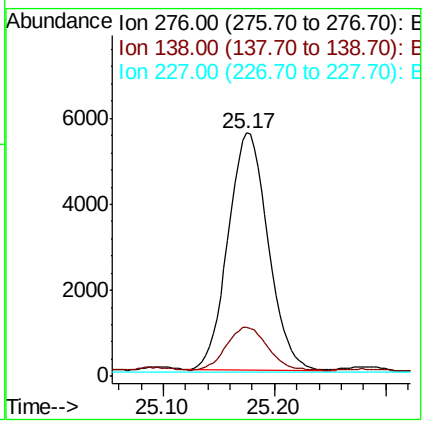
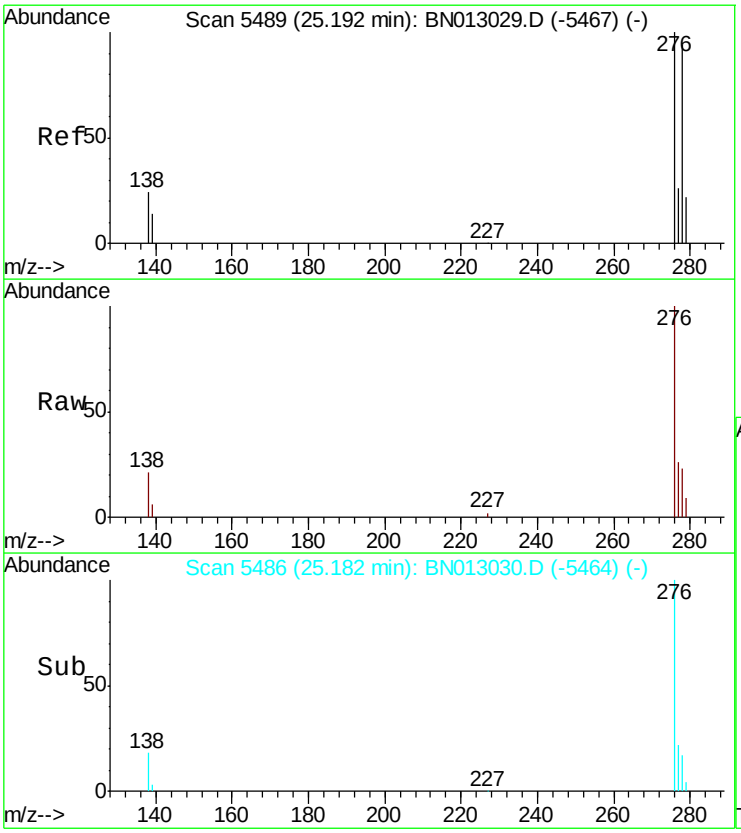
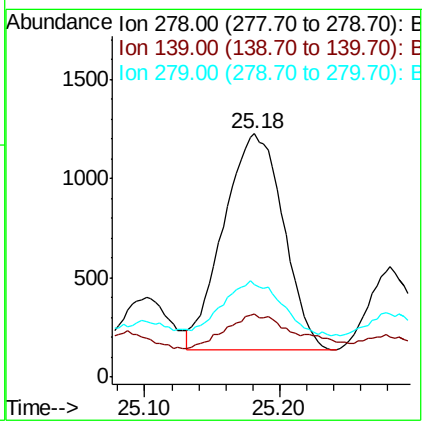


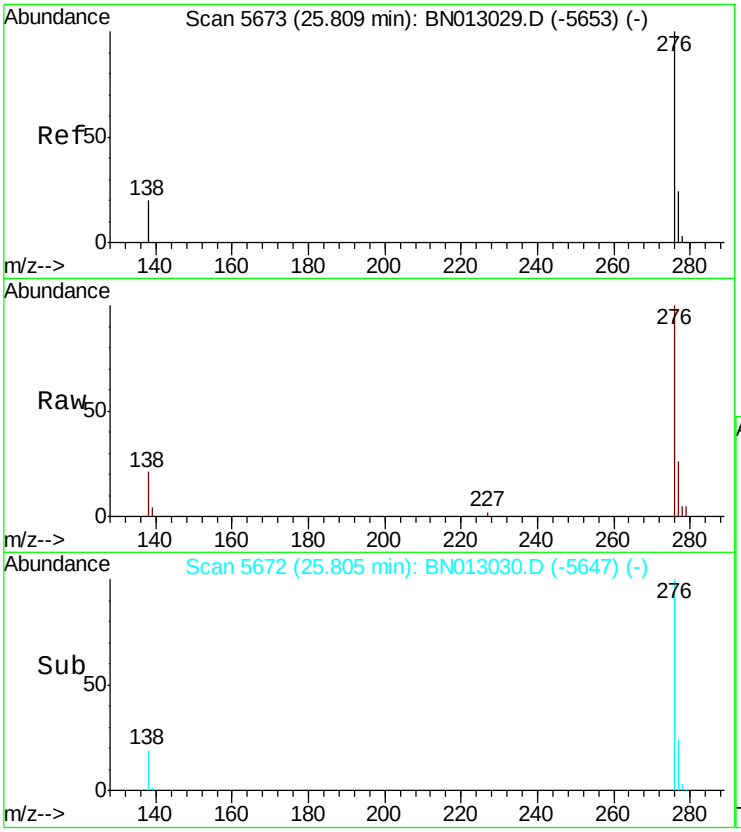


#25
Dibenzo(a,h)anthracene
Concen: 0.193 ng/ul
RT: 25.18 min Scan# 5486
Delta R.T. -0.03 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:278 Resp: 3353

Ion	Ratio	Lower	Upper
278	100		
139	25.8	14.5	21.7#
279	37.9	26.3	39.5

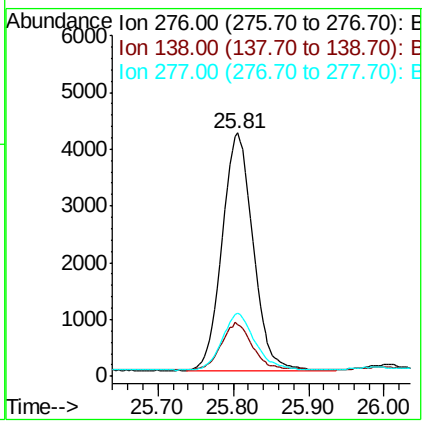




#26
Benzo(g,h,i)perylene
Concen: 0.597 ng/ul
RT: 25.81 min Scan# 5672
Delta R.T. -0.02 min
Lab File: BN013030.D
Acq: 10 Dec 2020 02:45

Tgt Ion:276 Resp: 11851

Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.3	24.5
277	25.9	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0B30

Manual Integrations APPROVED
mohammad
12/11/2020 1:18:20 PM