Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013049.D
Acq On : 10 Dec 2020 16:18
Operator : CG/JU
Sample : L4941-16DL 5X
Misc :
ALS Vial : 119 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B41DL

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Quant Time: Dec 10 16:58:09 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 : Thu Dec 10 10:29:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1107	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	4510	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	2444	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	5024	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3850	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3467	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	197	0.03	ng/ul	0.01
14) Fluoranthene-d10	18.85	212	394	0.03	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.76	152	284	0.025	ng/ul#	60
8) Acenaphthene	14.11	153	439	0.046	ng/ul	95
9) Fluorene	15.11	166	662	0.061	ng/ul#	94
12) Phenanthrene	16.84	178	24595	1.460	ng/ul	97
13) Anthracene	16.93	178	3880	0.271	ng/ul	98
15) Fluoranthene	18.87	202	62806	3.138	ng/ul	97
17) Pyrene	19.24	202	51331	2.823	ng/ul	99
18) Benzo(a)anthracene	21.01	228	23072	1.448	ng/ul	99
19) Chrysene	21.06	228	27484	1.562	ng/ul	99
21) Benzo(b)fluoranthene	22.51	252	33226m	2.072	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	12991m	0.733	ng/ul	
23) Benzo(a)pyrene	23.04	252	20635m	1.387	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.17	276	13204	0.675	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.18	278	3307	0.214	ng/ul#	94
26) Benzo(g,h,i)perylene	25.80	276	11230	0.635	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013049.D
Acq On : 10 Dec 2020 16:18
Operator : CG/JU
Sample : L4941-16DL 5X
Misc :
ALS Vial : 119 Sample Multiplier: 1

Quant Time: Dec 10 16:58:09 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 : Thu Dec 10 10:29:27 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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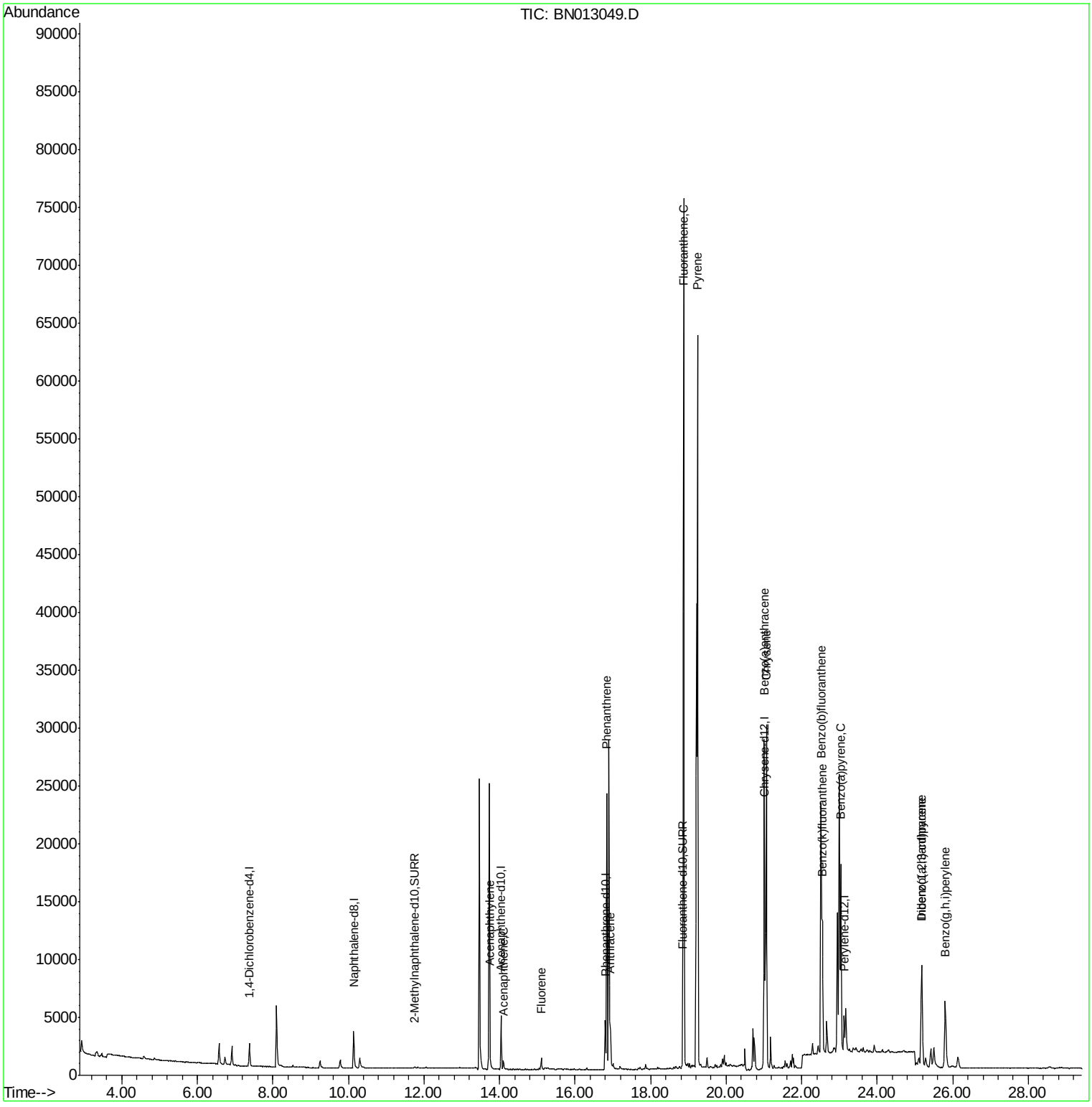

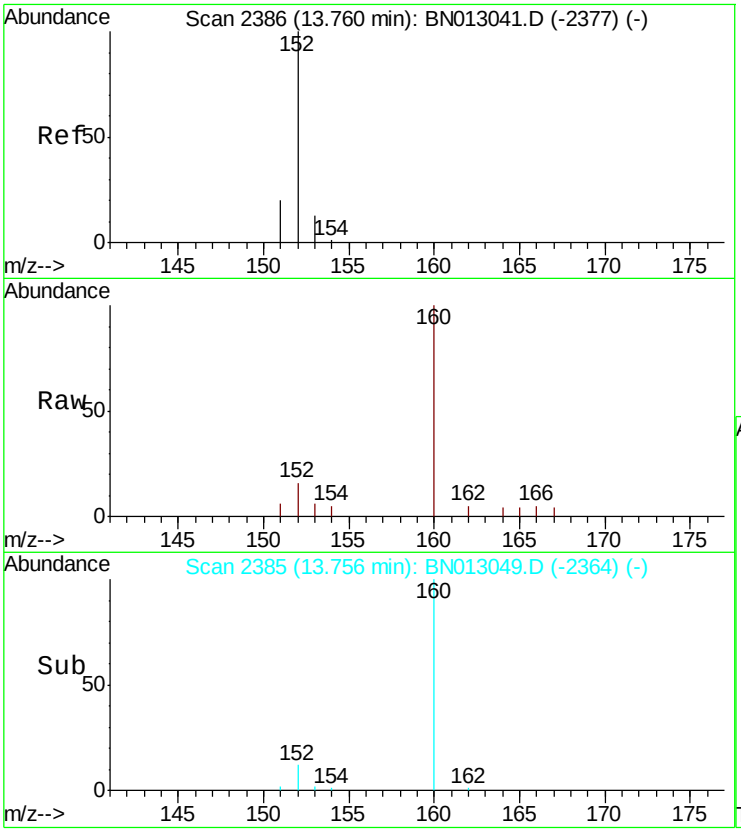

#7
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.76 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:152 Resp: 284

Ion	Ratio	Lower	Upper
152	100		
151	40.7	18.2	27.4#
153	35.7	13.1	19.7#

Instrument :
BNA_N
ClientSampleId :
C0B41DL

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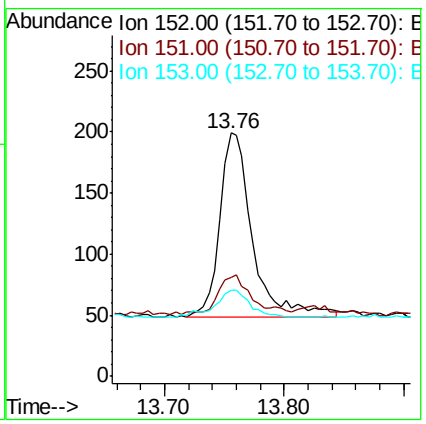
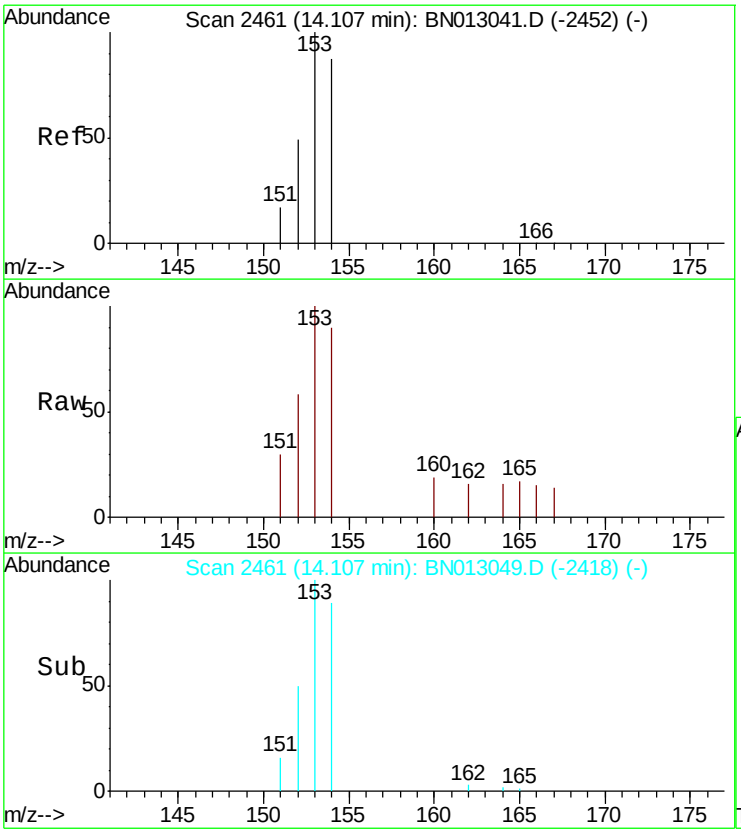
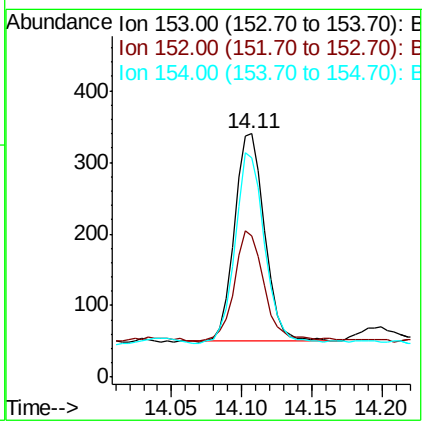


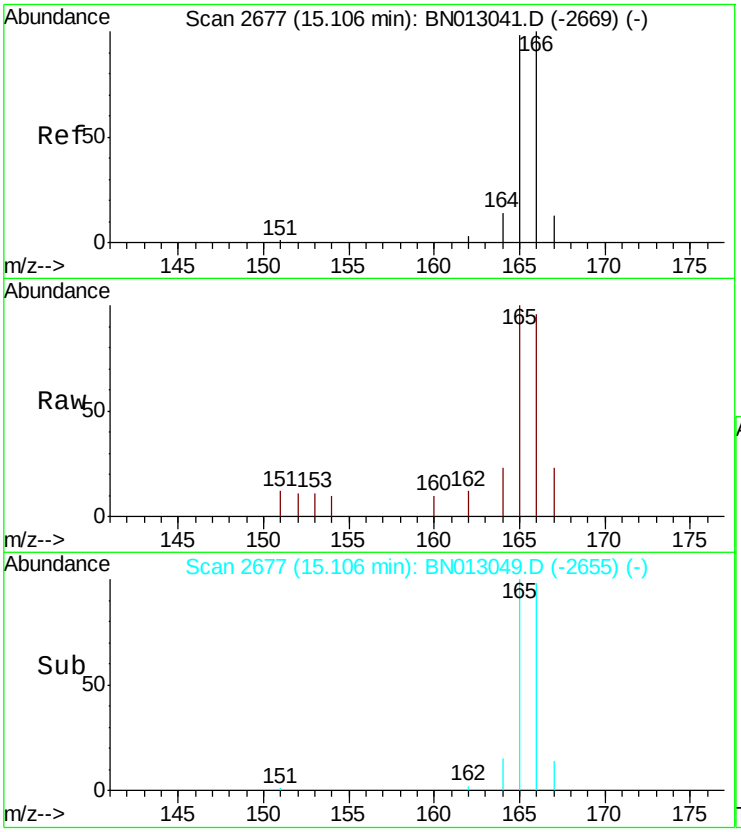


#8
Acenaphthene
Concen: 0.046 ng/ul
RT: 14.11 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:153 Resp: 439

Ion	Ratio	Lower	Upper
153	100		
152	57.9	40.7	61.1
154	90.0	70.8	106.2

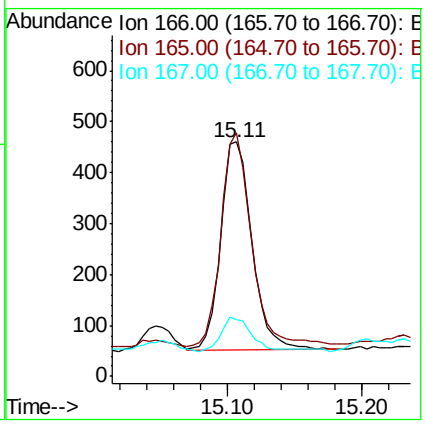




#9
Fluorene
Concen: 0.061 ng/ul
RT: 15.11 min Scan# 2677
Delta R.T. 0.00 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:166 Resp: 662

Ion	Ratio	Lower	Upper
166	100		
165	103.9	79.8	119.8
167	24.1	13.8	20.8#



Instrument :
BNA_N
ClientSampleId :
C0B41DL

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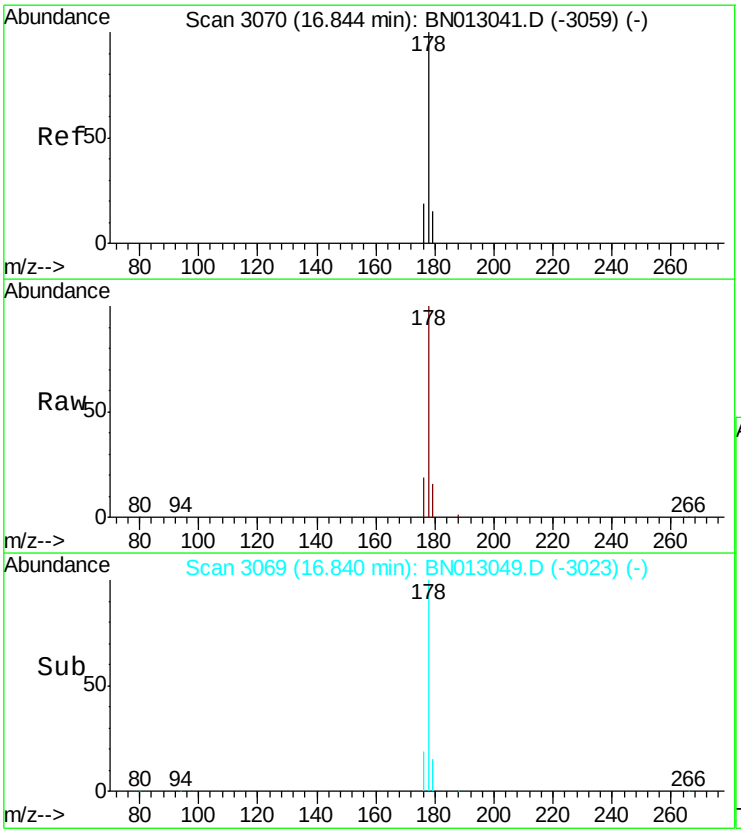
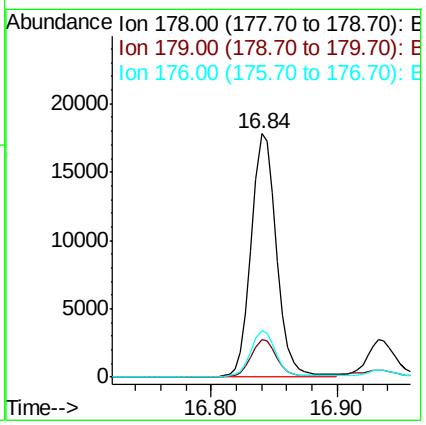
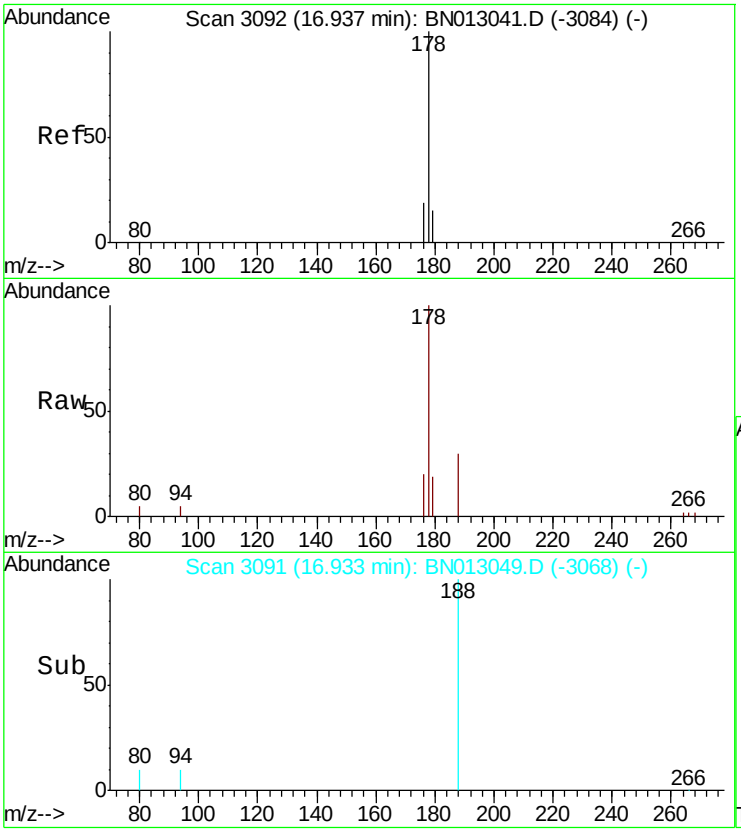


#12
Phenanthrene
Concen: 1.460 ng/ul
RT: 16.84 min Scan# 3069
Delta R.T. -0.00 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:178 Resp: 24595

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.6	20.4
176	19.0	16.4	24.6

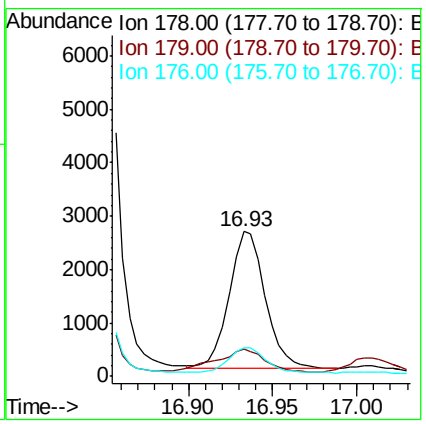




#13
Anthracene
Concen: 0.271 ng/ul
RT: 16.93 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:178 Resp: 3880

Ion	Ratio	Lower	Upper
178	100		
179	18.5	14.6	21.8
176	19.6	17.1	25.7



Instrument :
BNA_N
ClientSampleId :
C0B41DL

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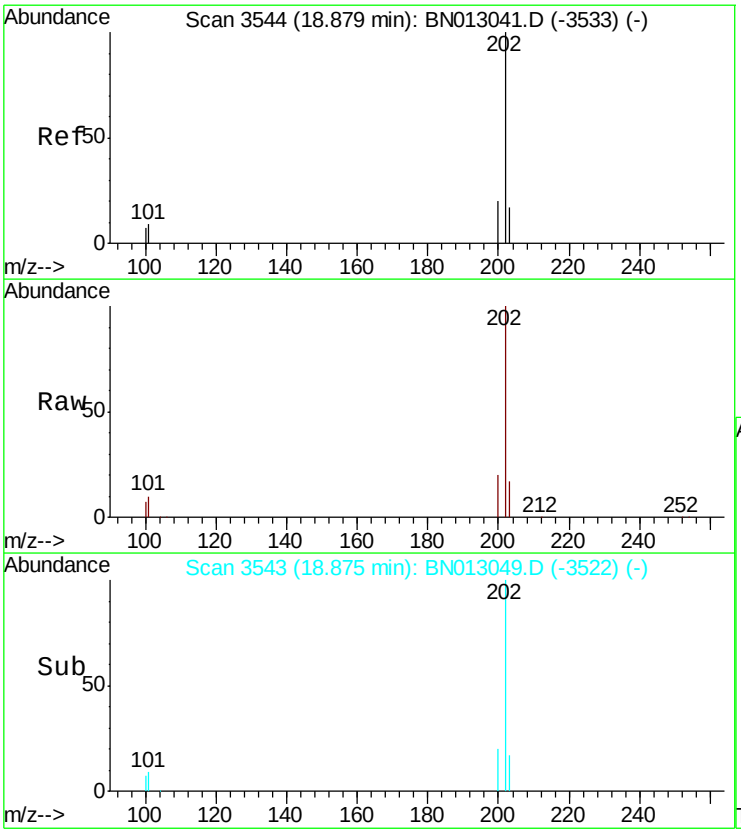
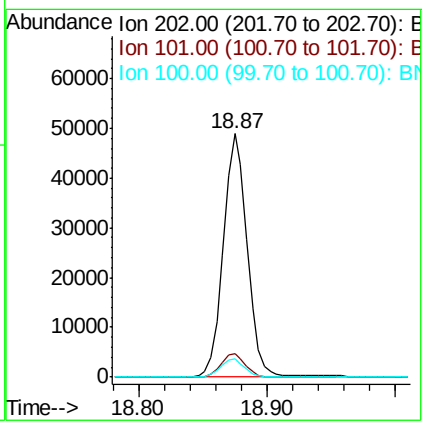
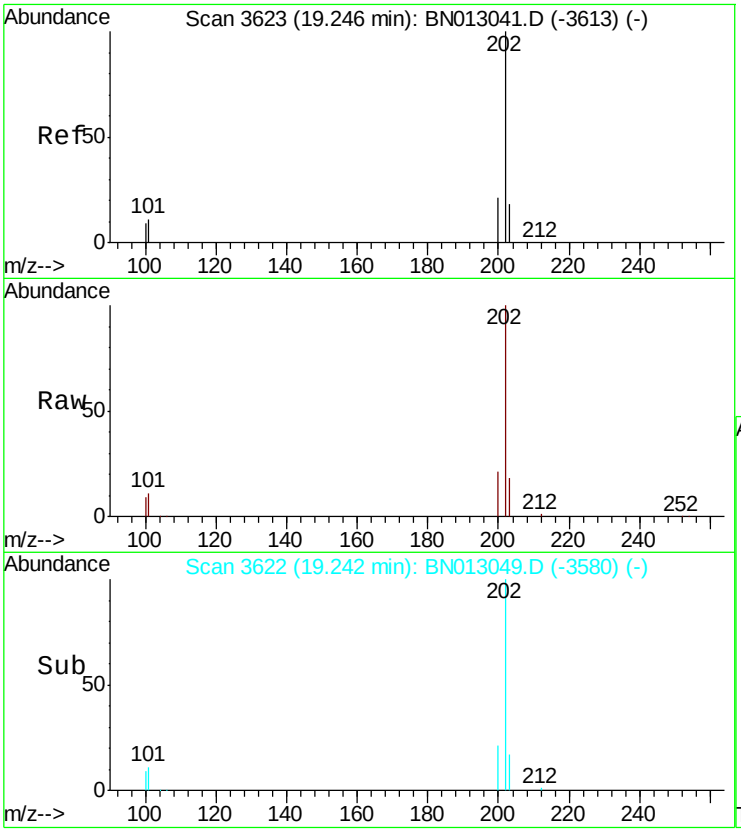


#15
Fluoranthene
Concen: 3.138 ng/ul
RT: 18.87 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:202 Resp: 62806

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.6
100	7.4	0.0	28.7





#17
Pyrene
Concen: 2.823 ng/ul
RT: 19.24 min Scan# 3622
Delta R.T. -0.00 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:202 Resp: 51331

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.1	13.7
100	8.9	7.5	11.3

Instrument :
BNA_N
ClientSampleId :
C0B41DL

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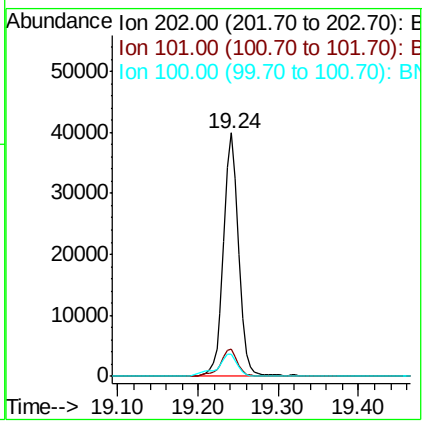
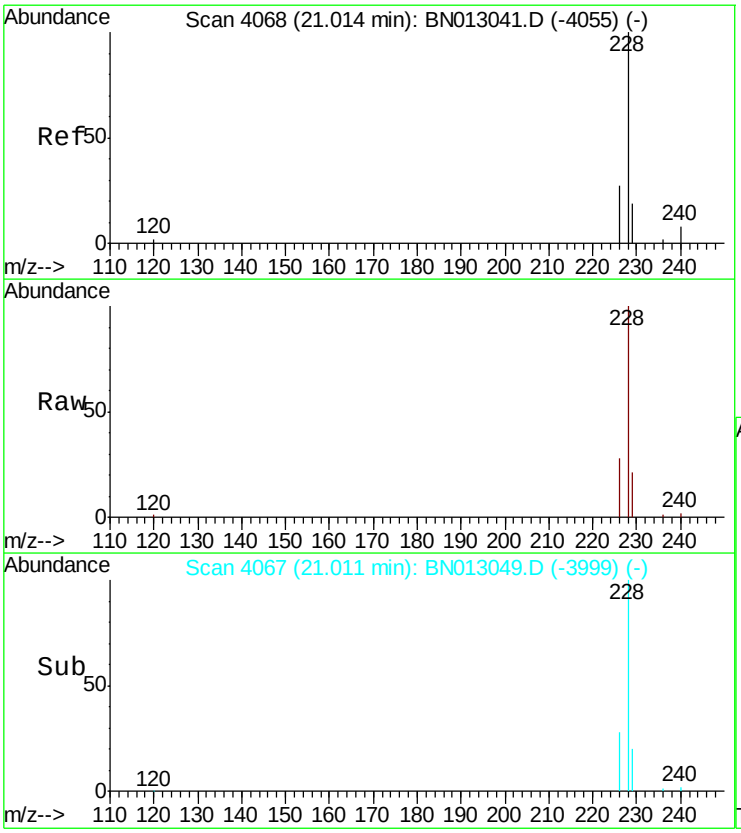
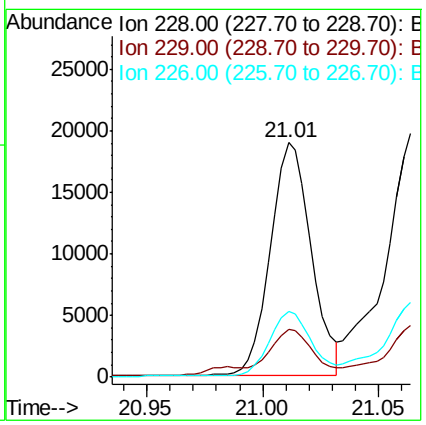


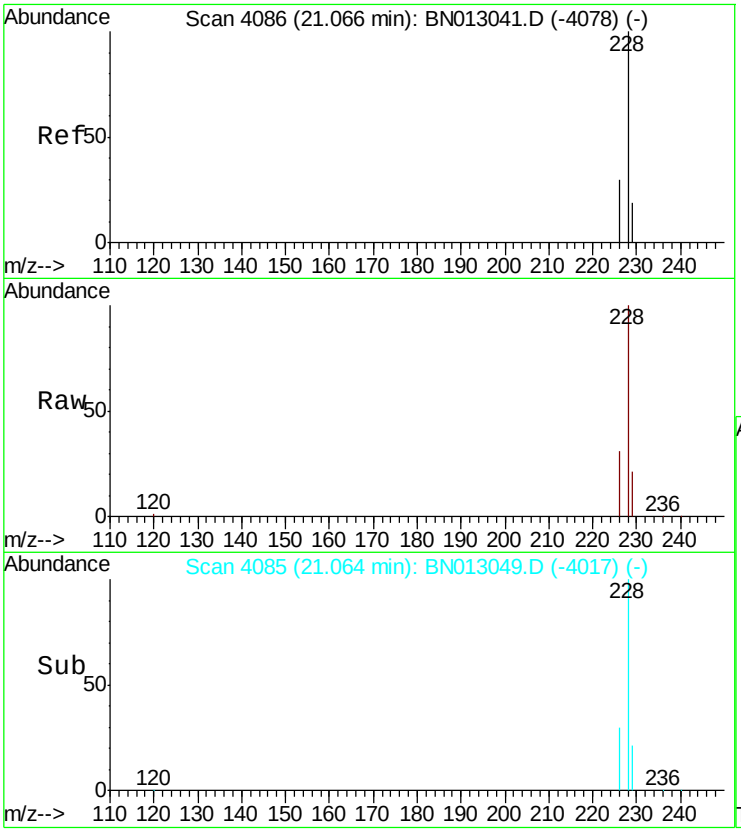


#18
Benzo(a)anthracene
Concen: 1.448 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.00 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:228 Resp: 23072

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.3	24.5
226	28.2	23.4	35.2

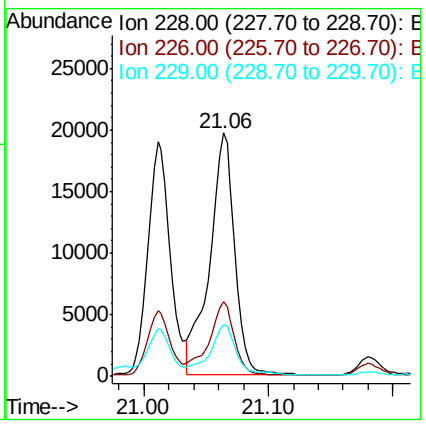




#19
Chrysene
Concen: 1.562 ng/ul
RT: 21.06 min Scan# 4085
Delta R.T. -0.00 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:228 Resp: 27484

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.1	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0B41DL

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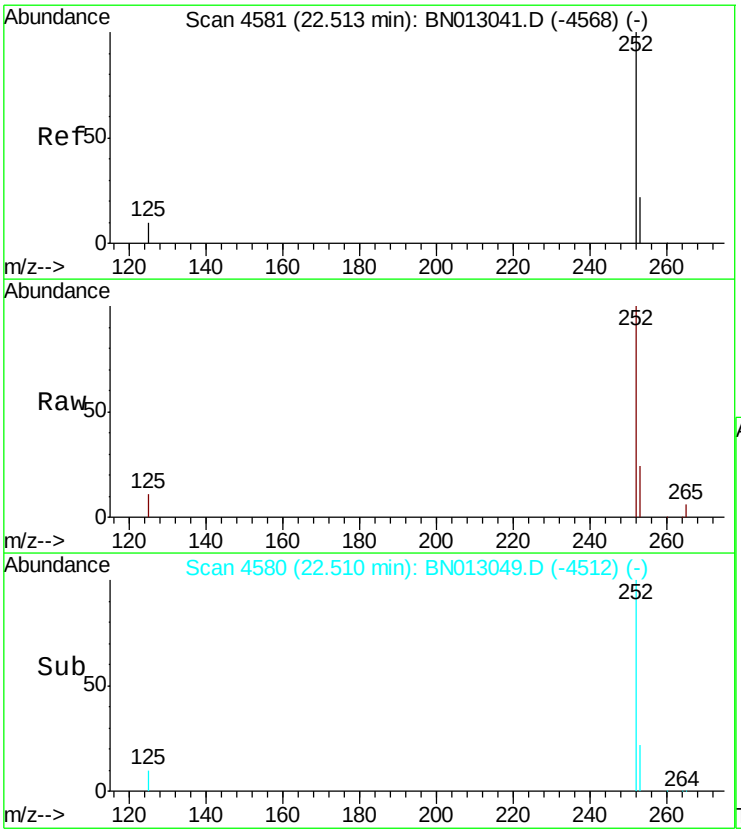
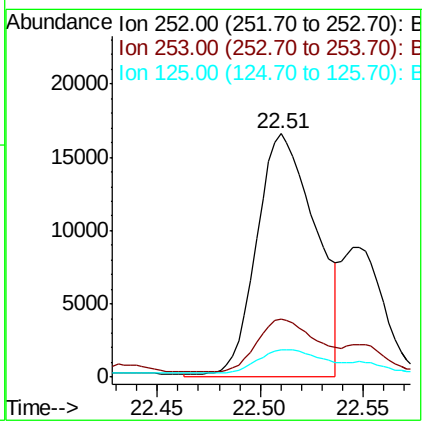
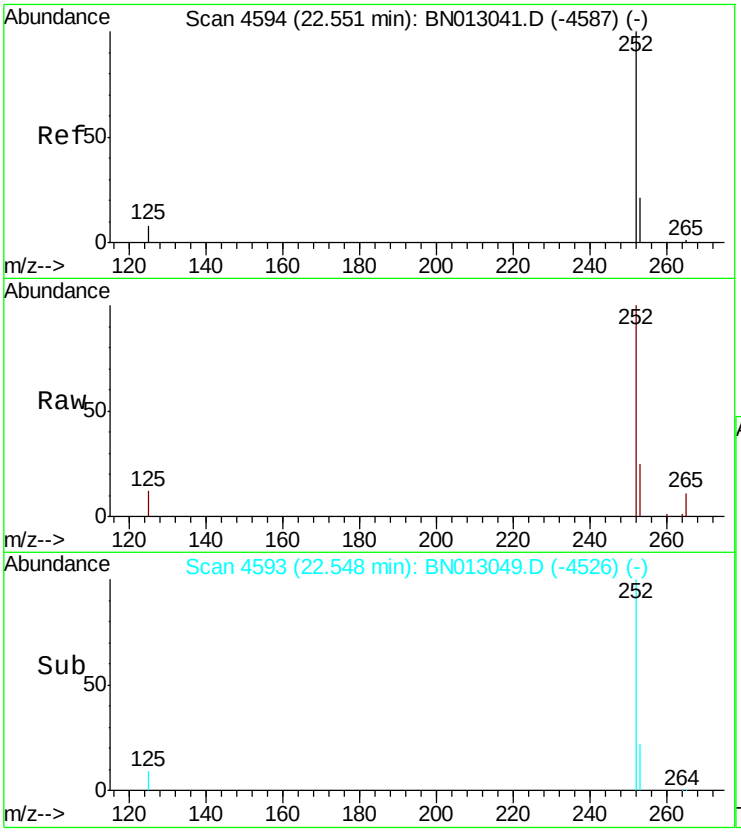


#21
Benzo(b)fluoranthene
Concen: 2.072 ng/ul m
RT: 22.51 min Scan# 4580
Delta R.T. 0.00 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:252 Resp: 33226

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	59.6
125	11.2	0.0	26.0





#22
Benzo(k)fluoranthene
Concen: 0.733 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. -0.00 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:252 Resp: 12991

Ion	Ratio	Lower	Upper
252	100		
253	25.3	23.4	35.2
125	11.7	11.1	16.7

Instrument :
BNA_N
ClientSampleId :
C0B41DL

Manual Integrations APPROVED
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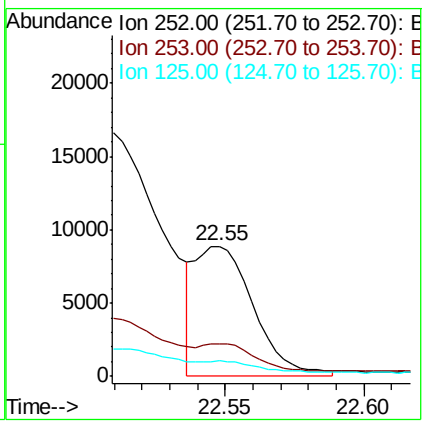
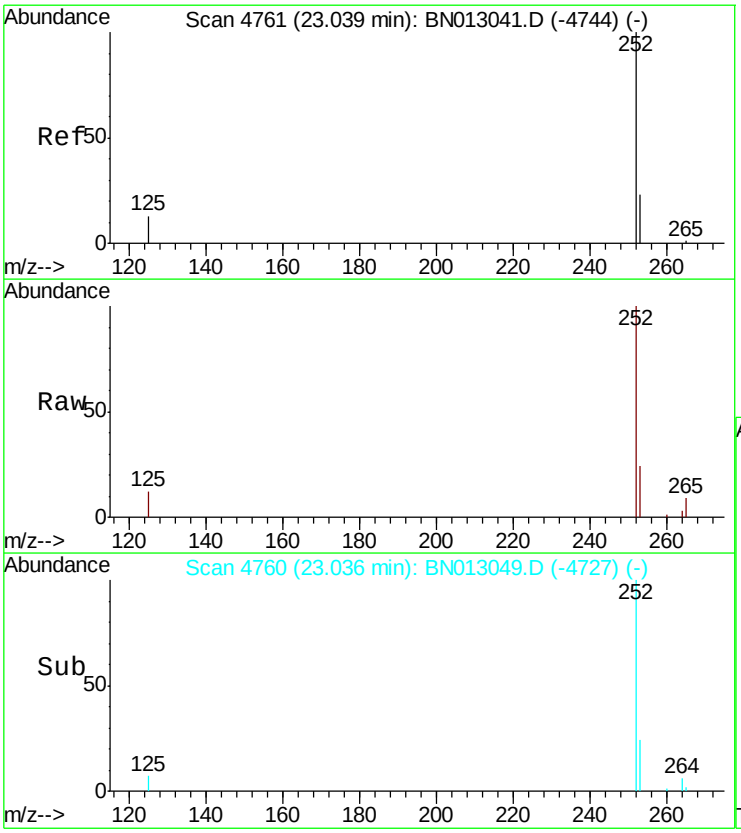
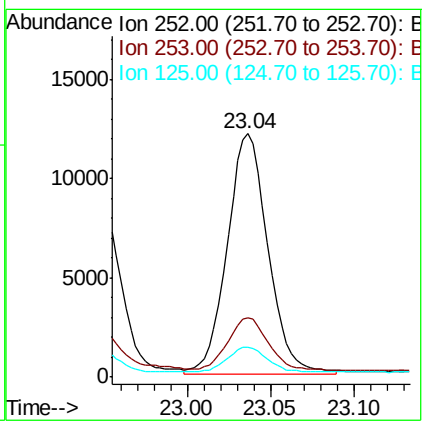


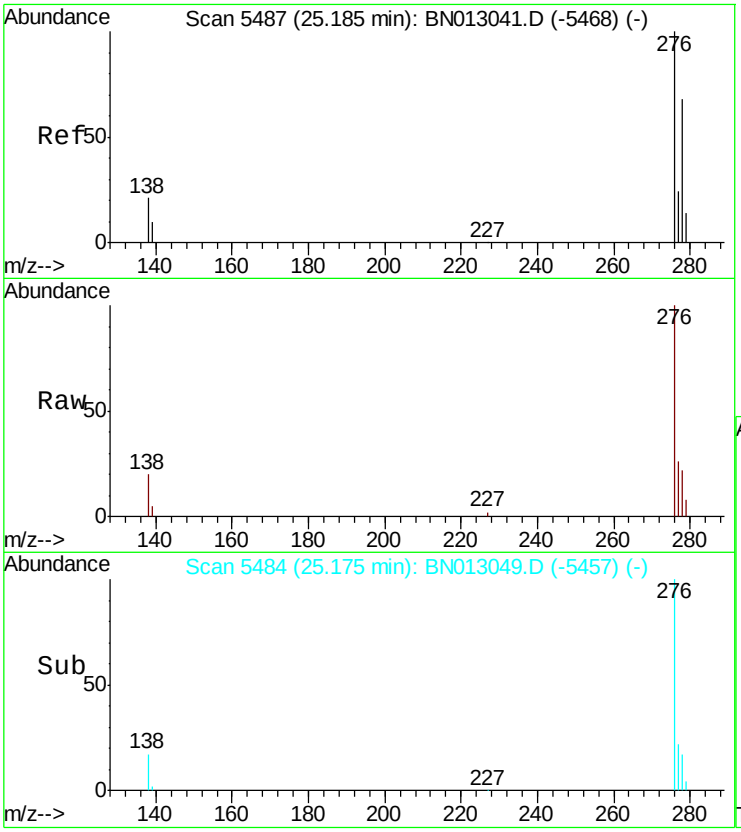


#23
Benzo(a)pyrene
Concen: 1.387 ng/ul m
RT: 23.04 min Scan# 4760
Delta R.T. -0.00 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:252 Resp: 20635

Ion	Ratio	Lower	Upper
252	100		
253	24.3	26.5	39.7#
125	12.2	14.2	21.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.675 ng/ul
RT: 25.17 min Scan# 5484
Delta R.T. -0.01 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:276 Resp: 13204

Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.2	24.2
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0B41DL

Manual Integrations APPROVED
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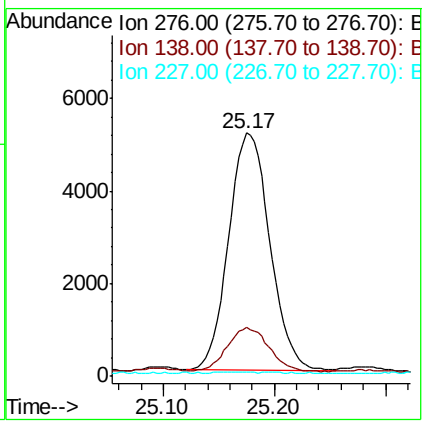
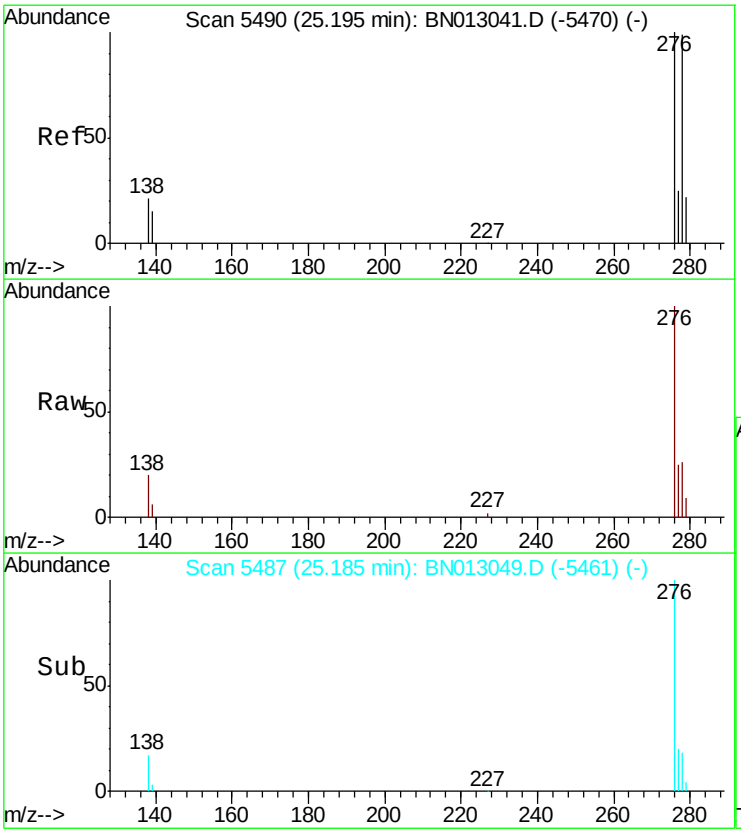
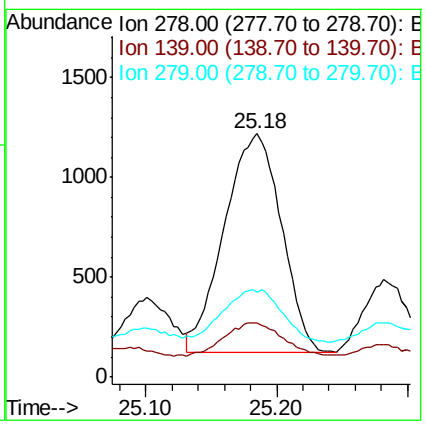


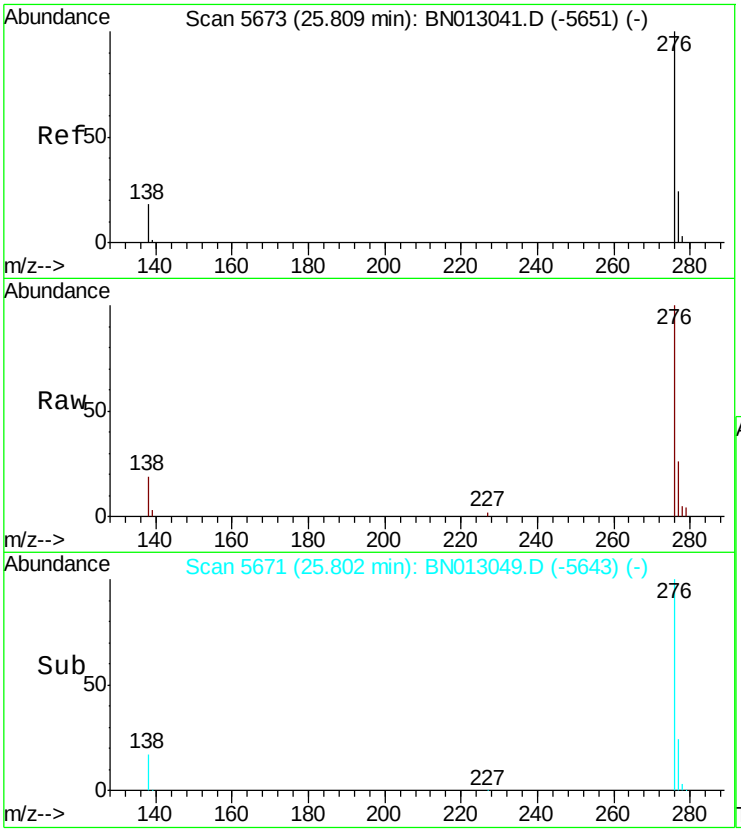


#25
Dibenzo(a,h)anthracene
Concen: 0.214 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.01 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:278 Resp: 3307

Ion	Ratio	Lower	Upper
278	100		
139	22.1	14.5	21.7#
279	35.0	26.3	39.5

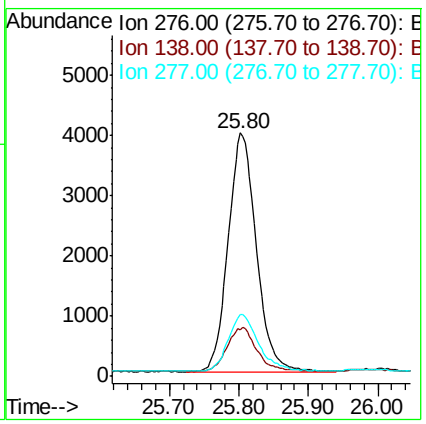




#26
Benzo(g,h,i)perylene
Concen: 0.635 ng/ul
RT: 25.80 min Scan# 5671
Delta R.T. -0.01 min
Lab File: BN013049.D
Acq: 10 Dec 2020 16:18

Tgt Ion:276 Resp: 11230

Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.3	24.5
277	25.5	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0B41DL

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