Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012960.D
Acq On : 08 Dec 2020 04:20
Operator : CG/JU
Sample : L4862-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 08 06:57:20 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 : Tue Dec 08 06:48:20 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0AY8

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	902	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	3723	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2237	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4791m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4370	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3969	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1731	0.31	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	4011	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	1813	0.168	ng/ul	99
5) 2-Methylnaphthalene	11.83	142	690	0.098	ng/ul	97
7) Acenaphthylene	13.76	152	752	0.071	ng/ul#	85
8) Acenaphthene	14.11	153	5006	0.576	ng/ul	99
9) Fluorene	15.11	166	2718	0.273	ng/ul	99
11) Pentachlorophenol	16.47	266	28	0.020	ng/ul	94
12) Phenanthrene	16.85	178	57438	3.576	ng/ul	97
13) Anthracene	16.94	178	9869	0.722	ng/ul	95
15) Fluoranthene	18.88	202	104614	5.480	ng/ul	96
17) Pyrene	19.25	202	90544	4.387	ng/ul	98
18) Benzo(a)anthracene	21.01	228	48046	2.657	ng/ul	98
19) Chrysene	21.06	228	52965	2.651	ng/ul	99
21) Benzo(b)fluoranthene	22.51	252	77383m	4.214	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	25688m	1.266	ng/ul	
23) Benzo(a)pyrene	23.04	252	48428	2.842	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.18	276	34011	1.520	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	7992	0.451	ng/ul	94
26) Benzo(g,h,i)perylene	25.81	276	34850	1.722	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012960.D
Acq On : 08 Dec 2020 04:20
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
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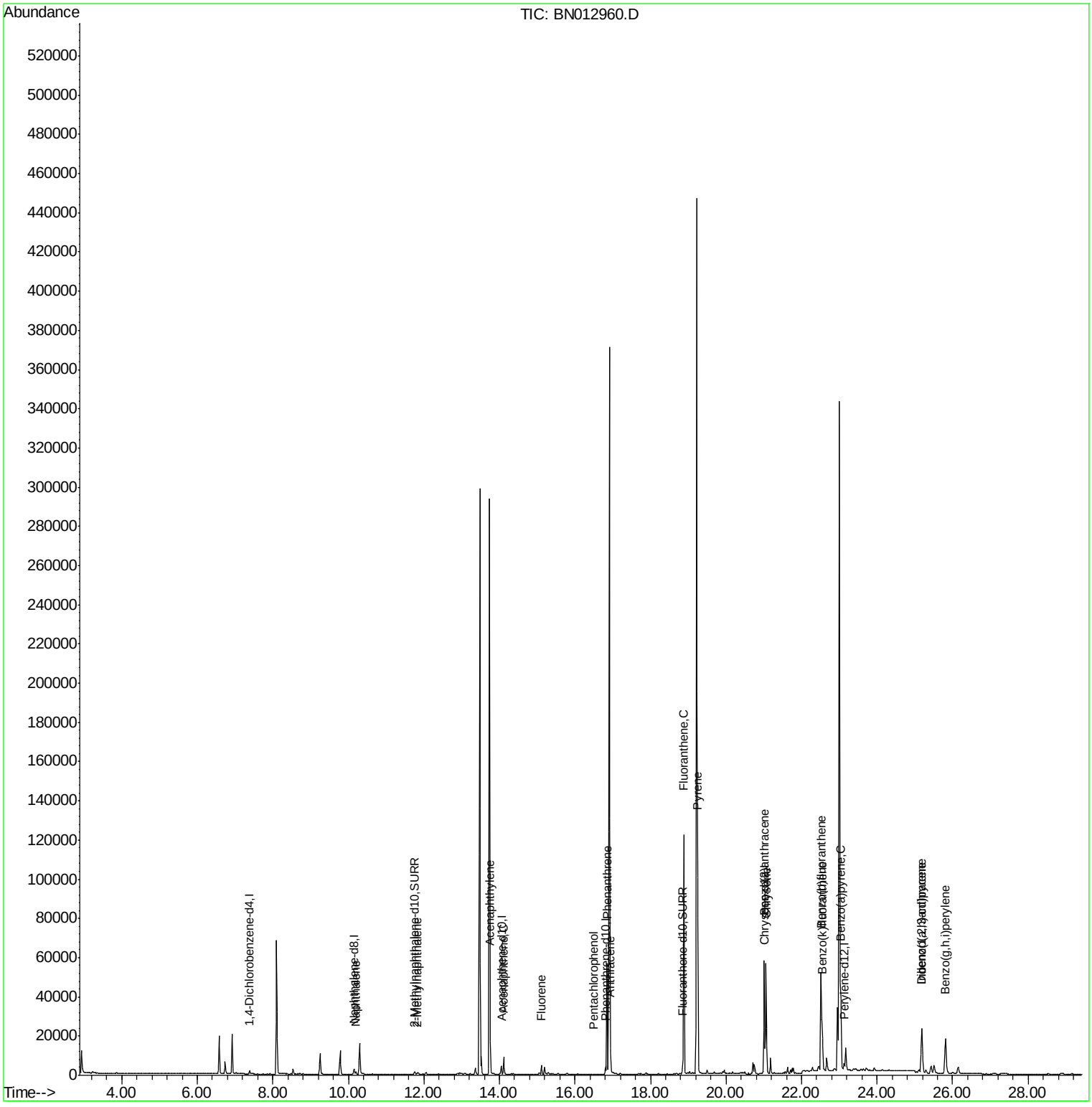
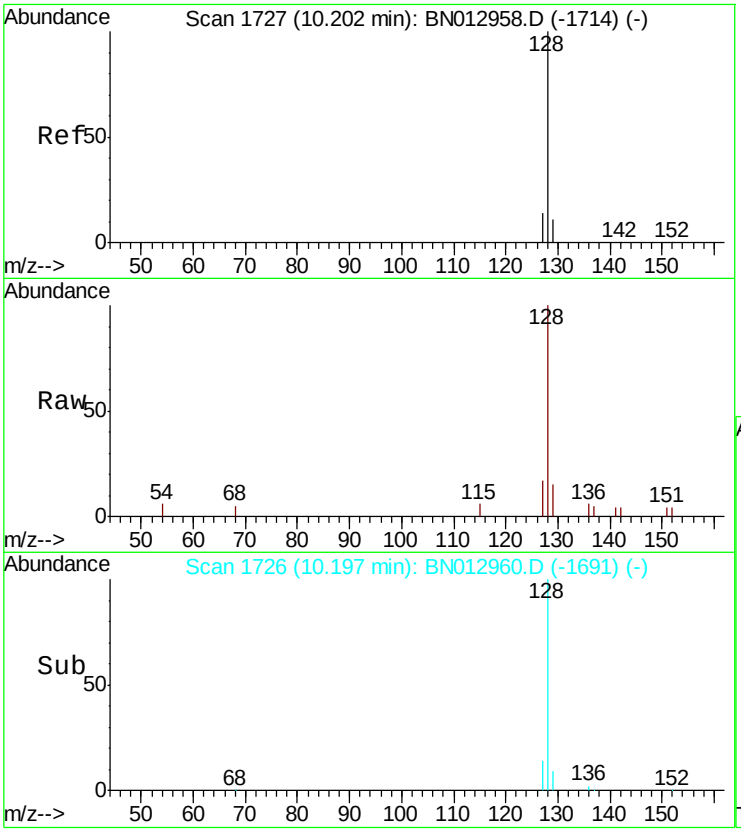
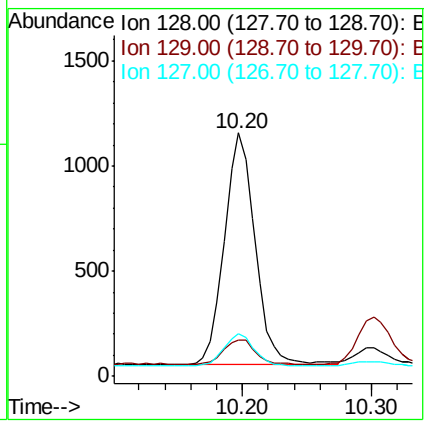




#3
Naphthalene
Concen: 0.168 ng/ul
RT: 10.20 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:128 Resp: 1813

Ion	Ratio	Lower	Upper
128	100		
129	14.8	12.3	18.5
127	17.4	14.2	21.4



Instrument :
BNA_N
ClientSampleId :
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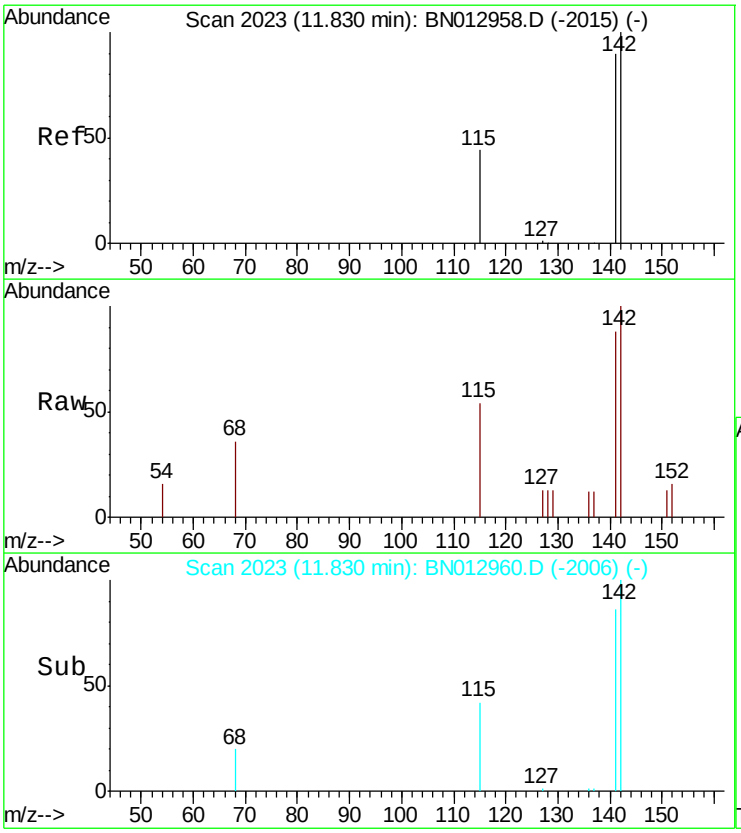
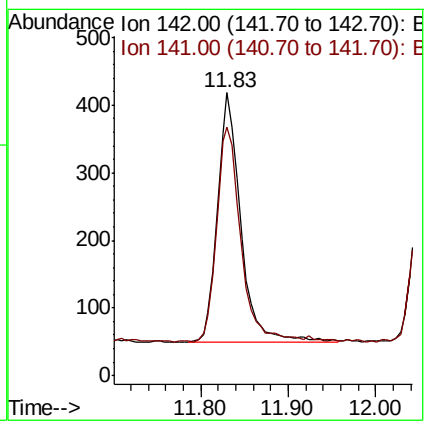
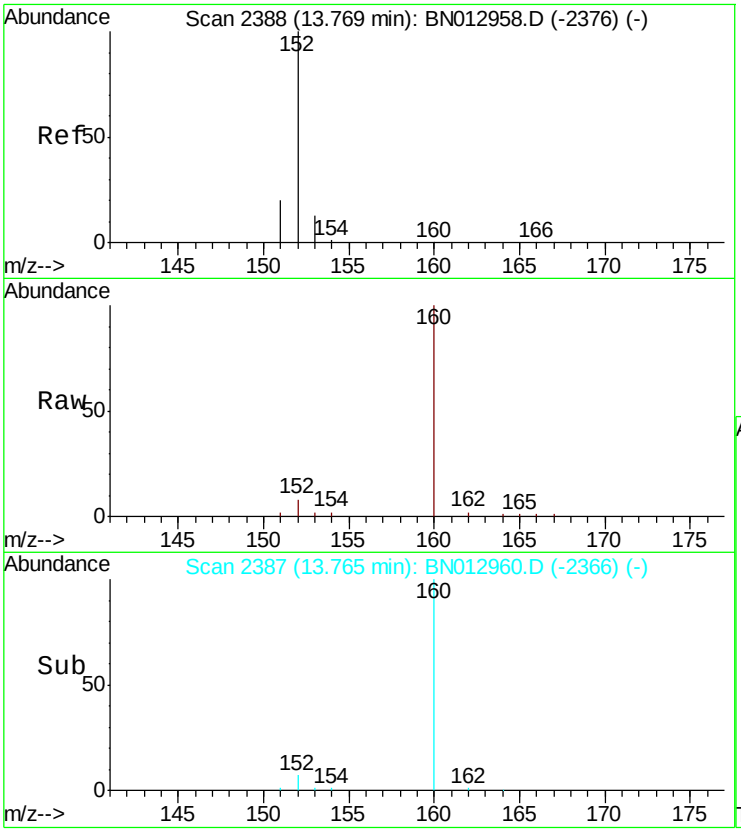


#5
2-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 11.83 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:142 Resp: 690

Ion	Ratio	Lower	Upper
142	100		
141	88.6	73.0	109.6





#7
Acenaphthylene
Concen: 0.071 ng/ul
RT: 13.76 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:152 Resp: 752

Ion	Ratio	Lower	Upper
152	100		
151	29.3	18.2	27.4#
153	24.3	13.1	19.7#

Instrument :
BNA_N
ClientSampleId :
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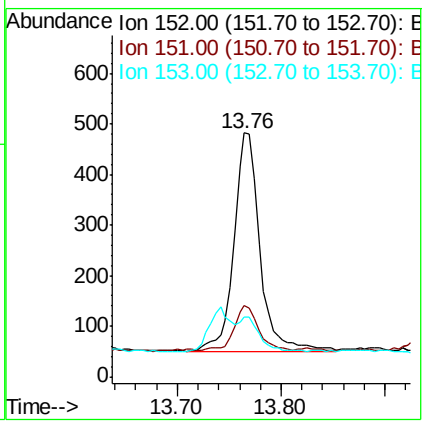
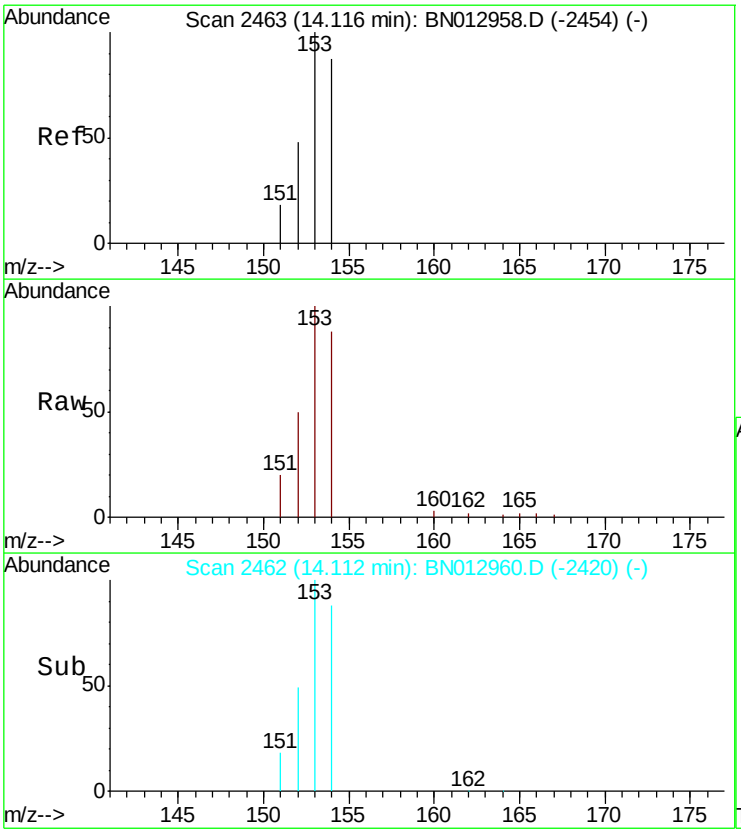
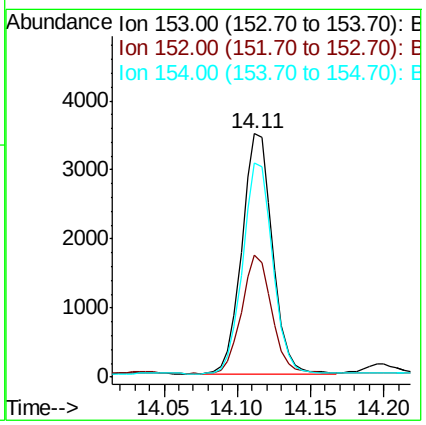


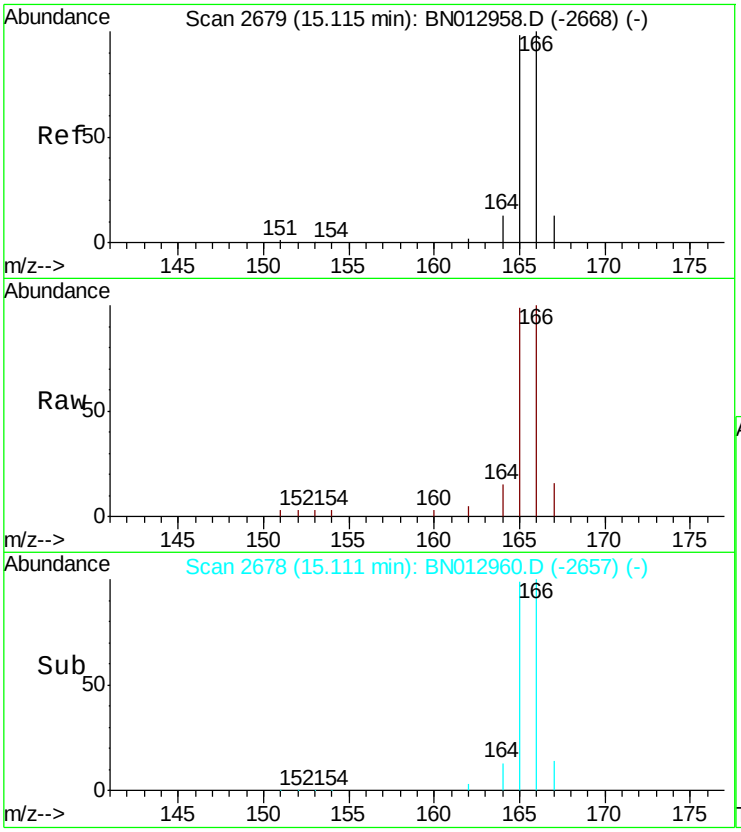


#8
Acenaphthene
Concen: 0.576 ng/ul
RT: 14.11 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:153 Resp: 5006

Ion	Ratio	Lower	Upper
153	100		
152	50.1	40.7	61.1
154	88.0	70.8	106.2

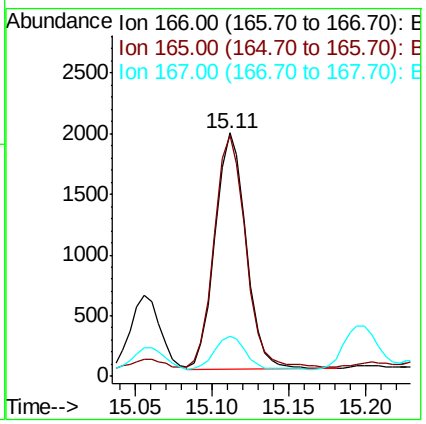




#9
Fluorene
Concen: 0.273 ng/ul
RT: 15.11 min Scan# 2678
Delta R.T. -0.00 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:166 Resp: 2718

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	16.4	13.8	20.8



Instrument :
BNA_N
ClientSampleId :
C0AY8

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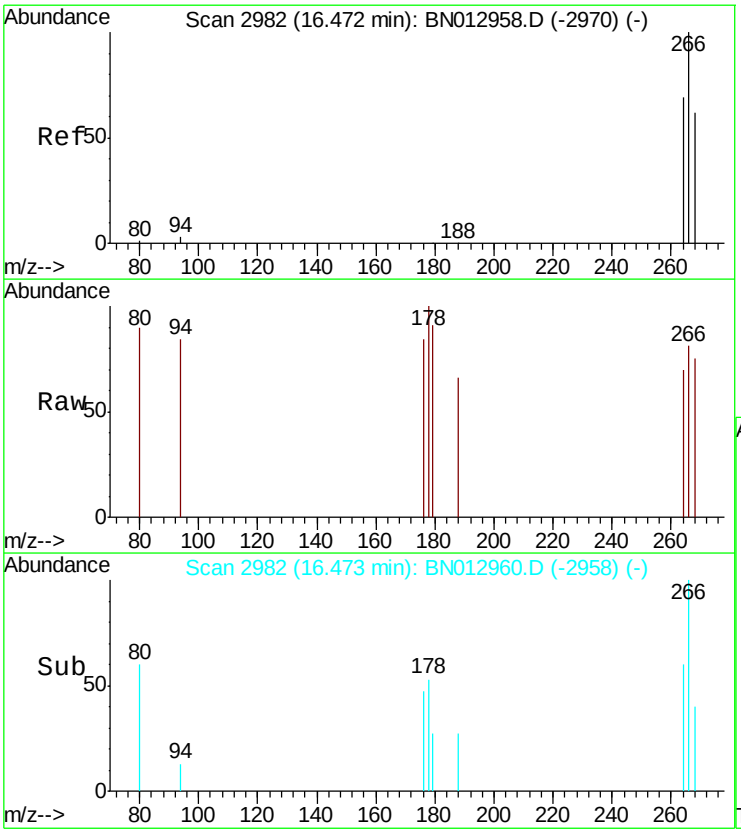
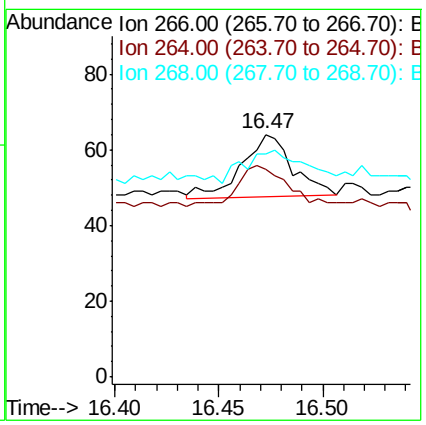
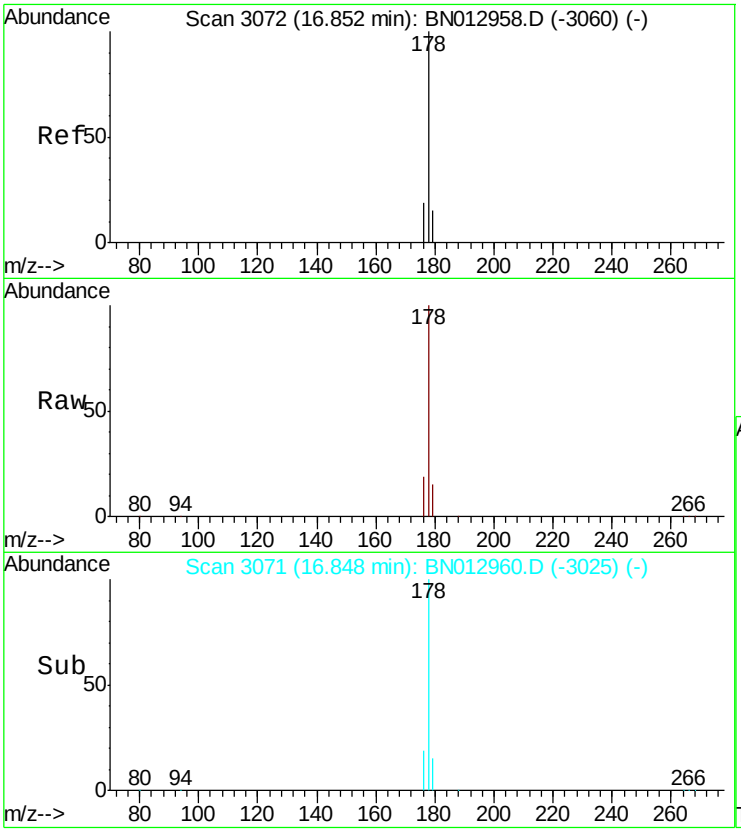


#11
Pentachlorophenol
Concen: 0.020 ng/ul
RT: 16.47 min Scan# 2982
Delta R.T. 0.00 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
264	64.3	51.5	77.3
268	60.7	56.0	84.0

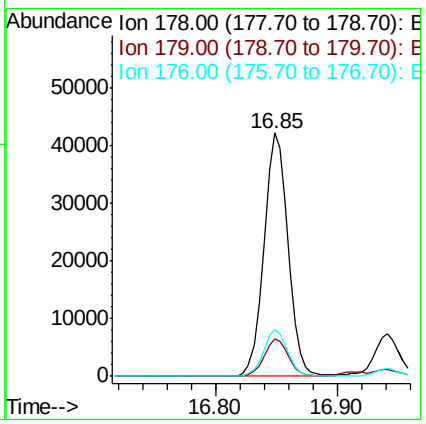




#12
Phenanthrene
Concen: 3.576 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:178 Resp: 57438

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	19.2	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0AY8

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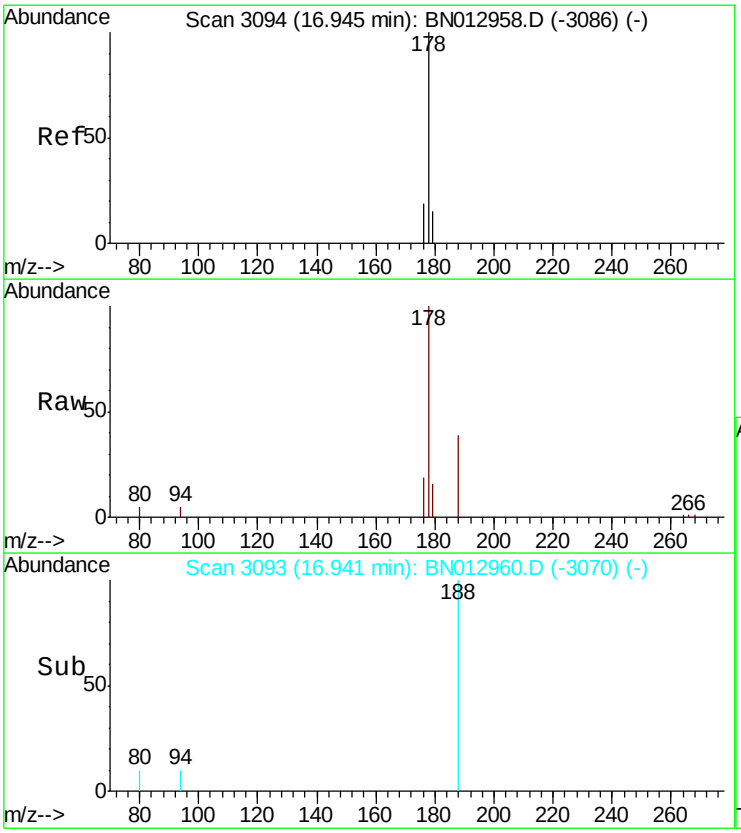
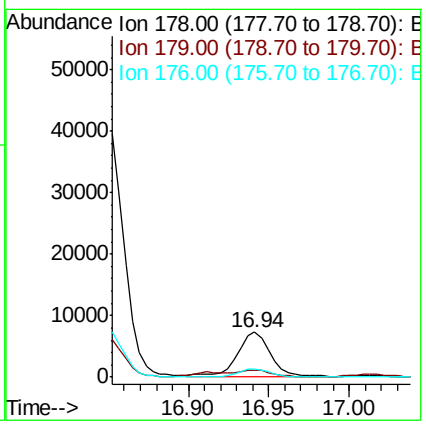
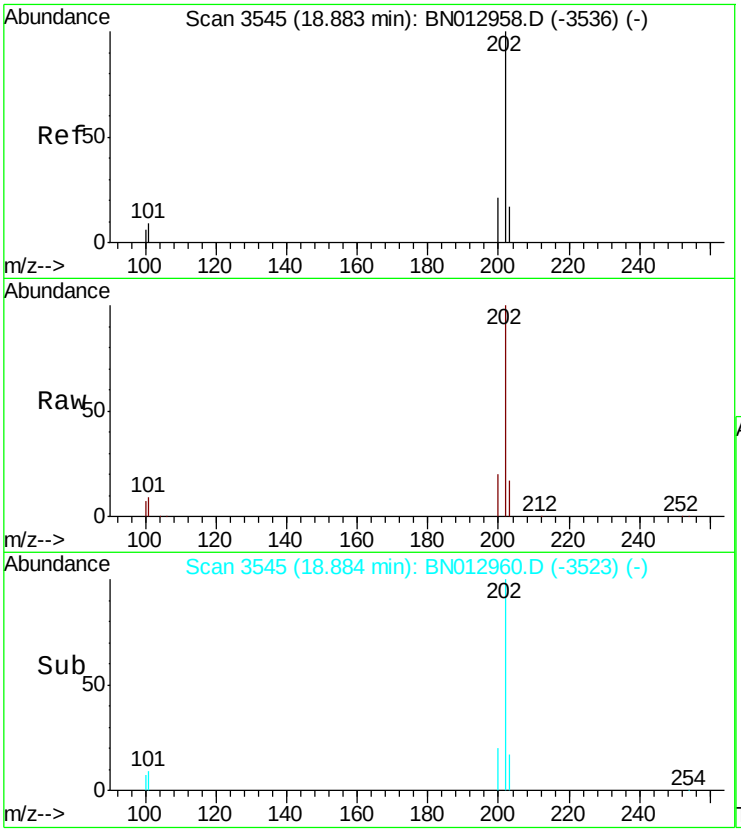


#13
Anthracene
Concen: 0.722 ng/ul
RT: 16.94 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:178 Resp: 9869

Ion	Ratio	Lower	Upper
178	100		
179	16.3	14.6	21.8
176	18.9	17.1	25.7

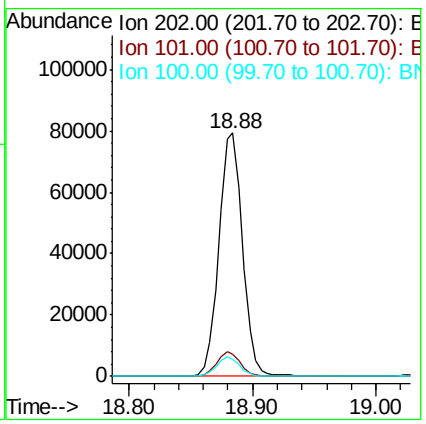




#15
Fluoranthene
Concen: 5.480 ng/ul
RT: 18.88 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:202 Resp: 104614

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.6
100	7.2	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
C0AY8

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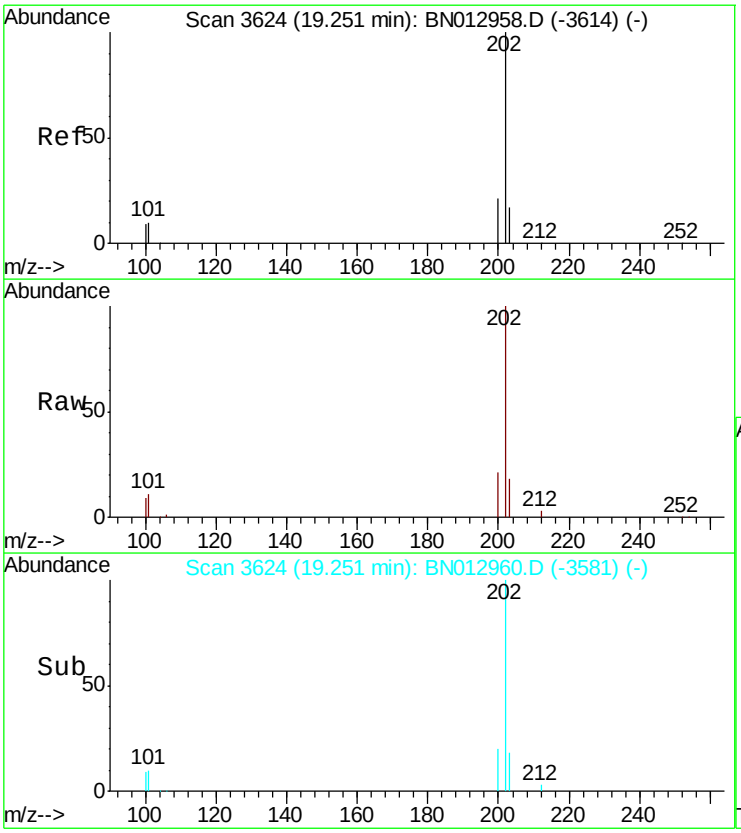
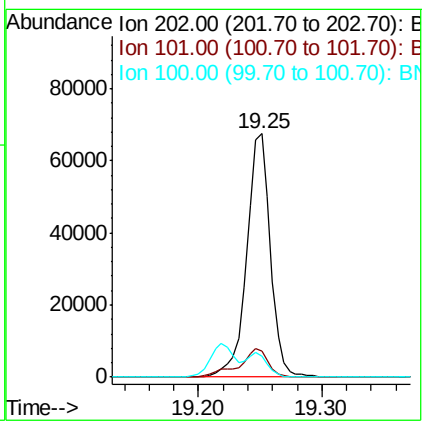
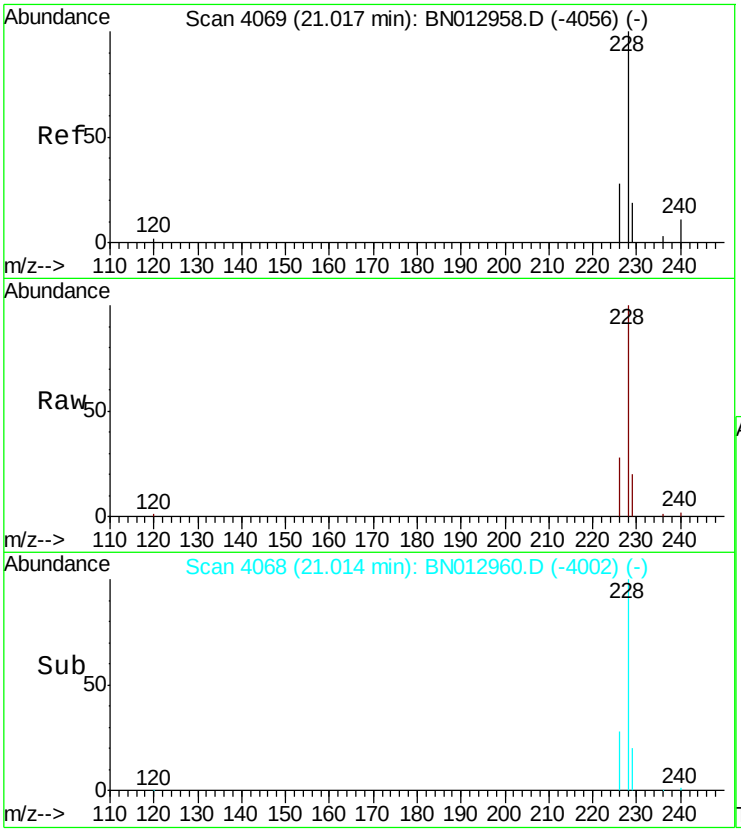


#17
Pyrene
Concen: 4.387 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. 0.00 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:202 Resp: 90544

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.1	13.7
100	8.8	7.5	11.3

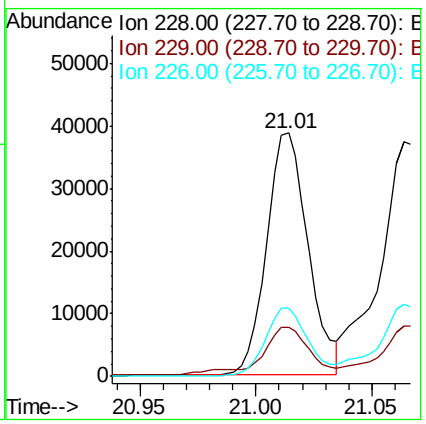




#18
Benzo(a)anthracene
Concen: 2.657 ng/ul
RT: 21.01 min Scan# 4068
Delta R.T. -0.01 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:228 Resp: 48046

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.3	24.5
226	27.9	23.4	35.2



Instrument :
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ClientSampleId :
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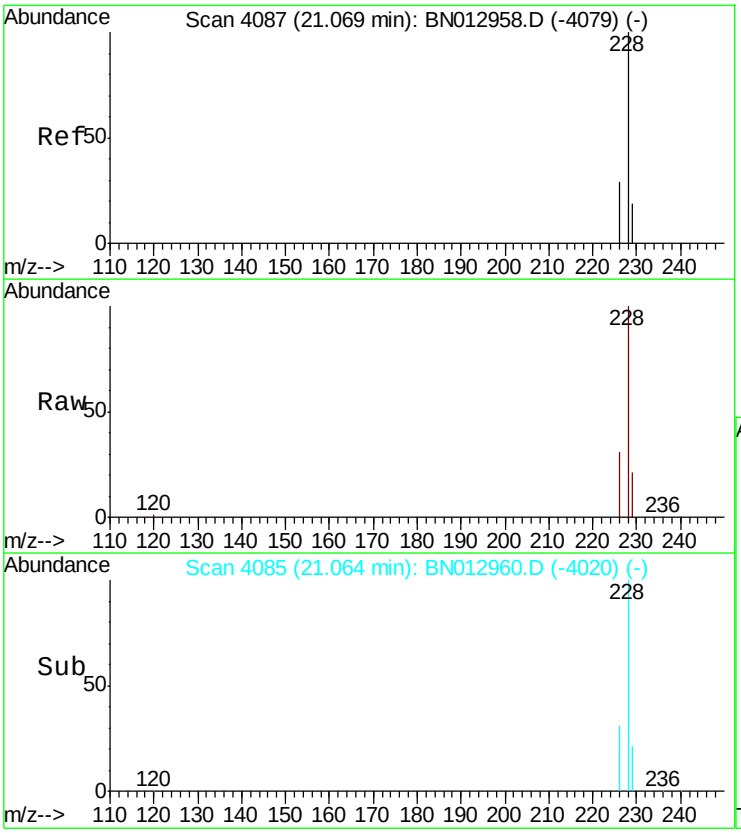
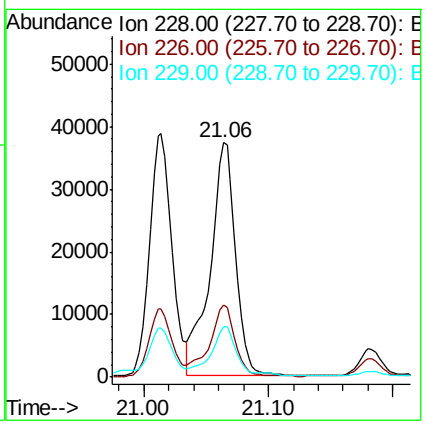
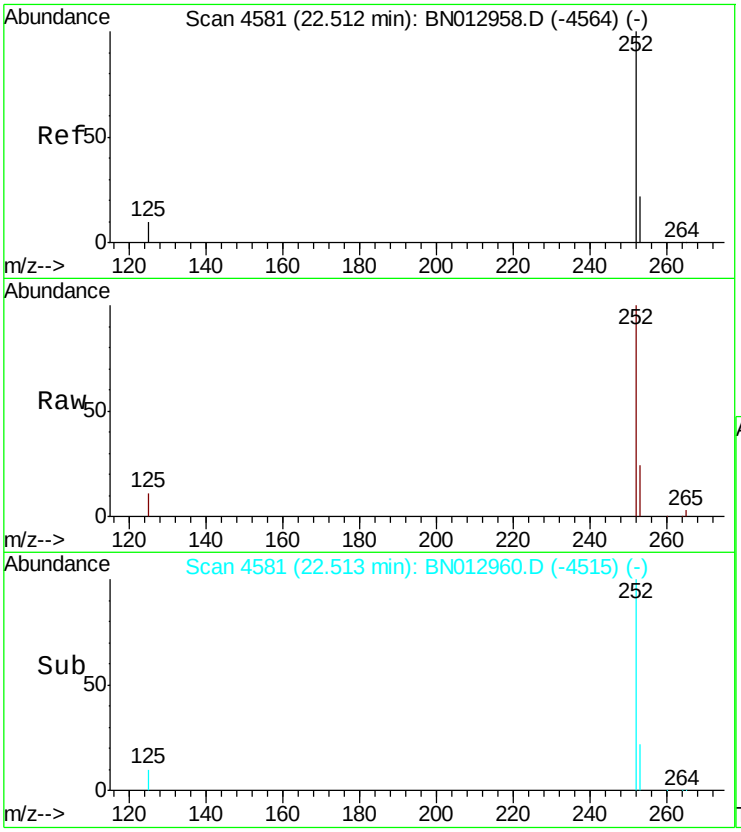


#19
Chrysene
Concen: 2.651 ng/ul
RT: 21.06 min Scan# 4085
Delta R.T. -0.01 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:228 Resp: 52965

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.3	16.4	24.6

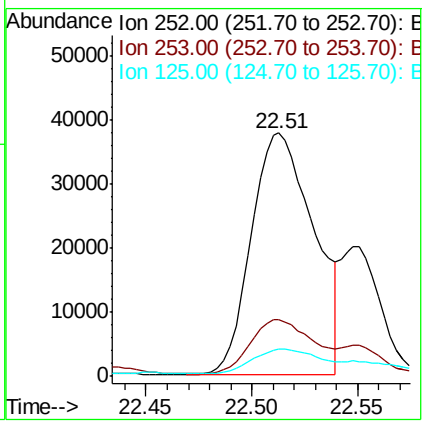




#21
Benzo(b)fluoranthene
Concen: 4.214 ng/ul m
RT: 22.51 min Scan# 4581
Delta R.T. -0.01 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:252 Resp: 77383

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	59.6
125	11.1	0.0	26.0



Instrument :
BNA_N
ClientSampleId :
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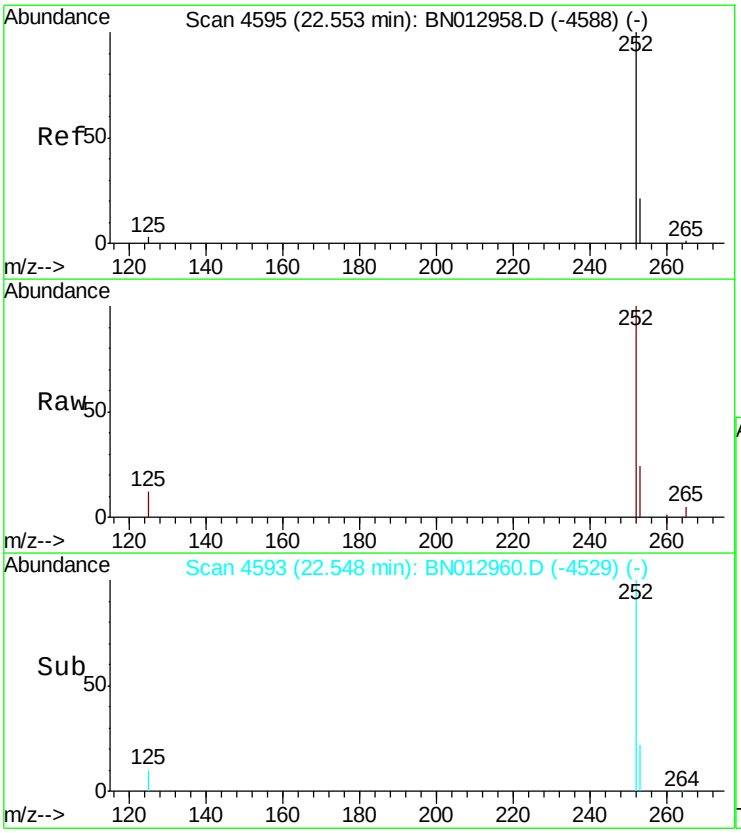
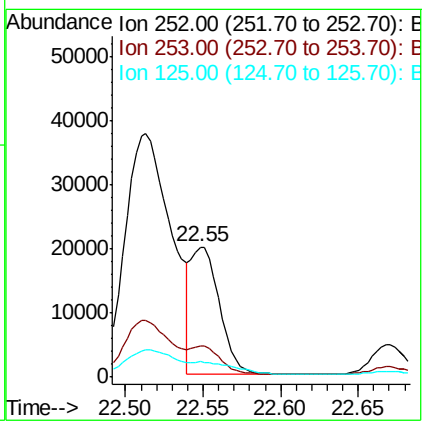
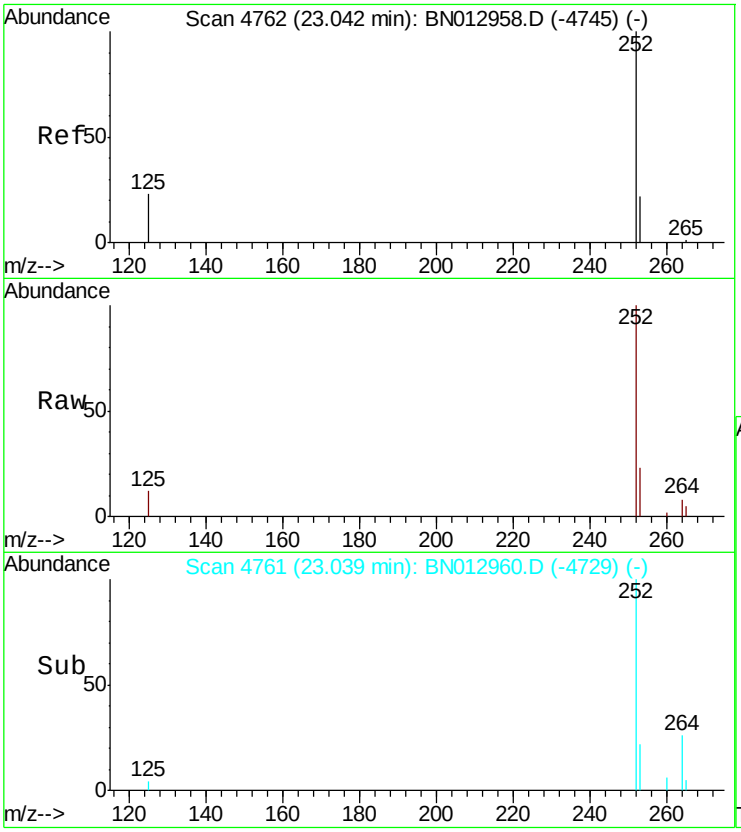


#22
Benzo(k)fluoranthene
Concen: 1.266 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. -0.01 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:252 Resp: 25688

Ion	Ratio	Lower	Upper
252	100		
253	23.9	23.4	35.2
125	11.7	11.1	16.7





#23
Benzo(a)pyrene
Concen: 2.842 ng/ul
RT: 23.04 min Scan# 4761
Delta R.T. -0.01 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:252 Resp: 48428

Ion	Ratio	Lower	Upper
252	100		
253	23.0	26.5	39.7#
125	11.5	14.2	21.2#

Instrument :
BNA_N
ClientSampleId :
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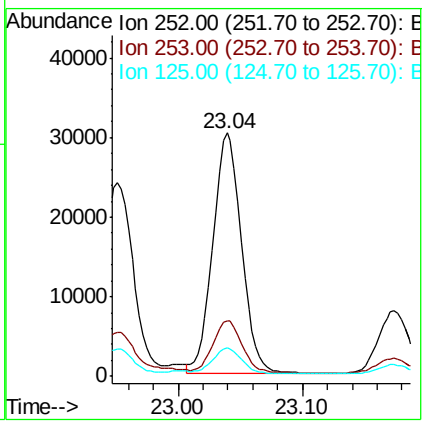
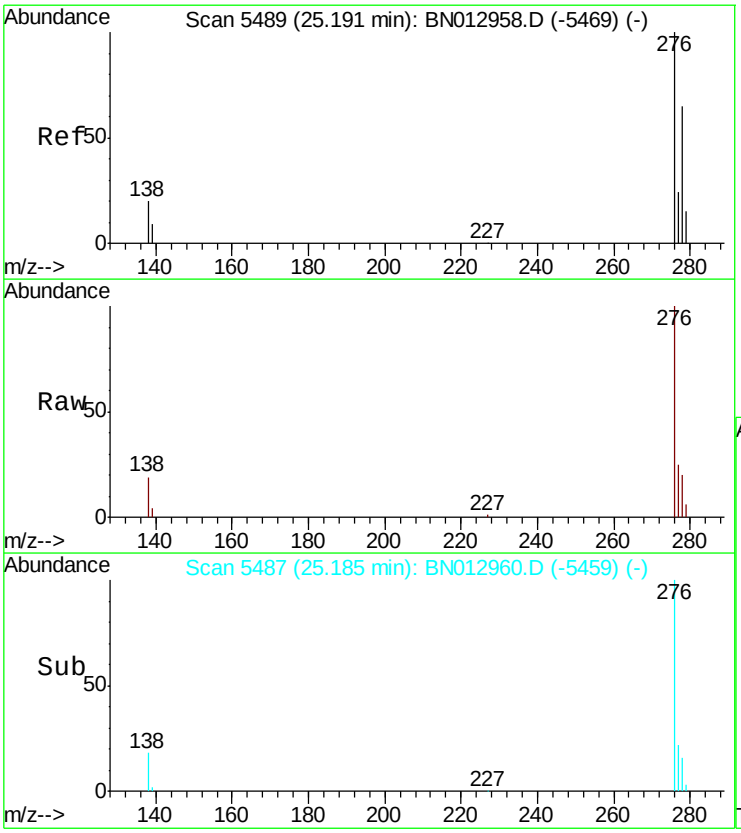
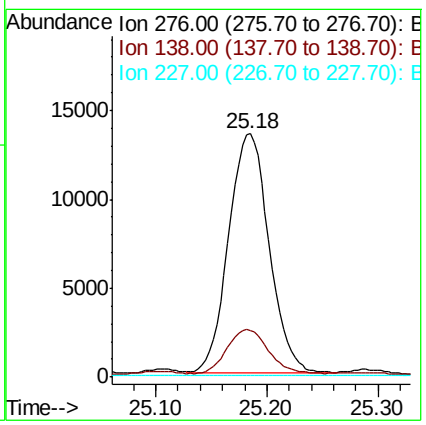


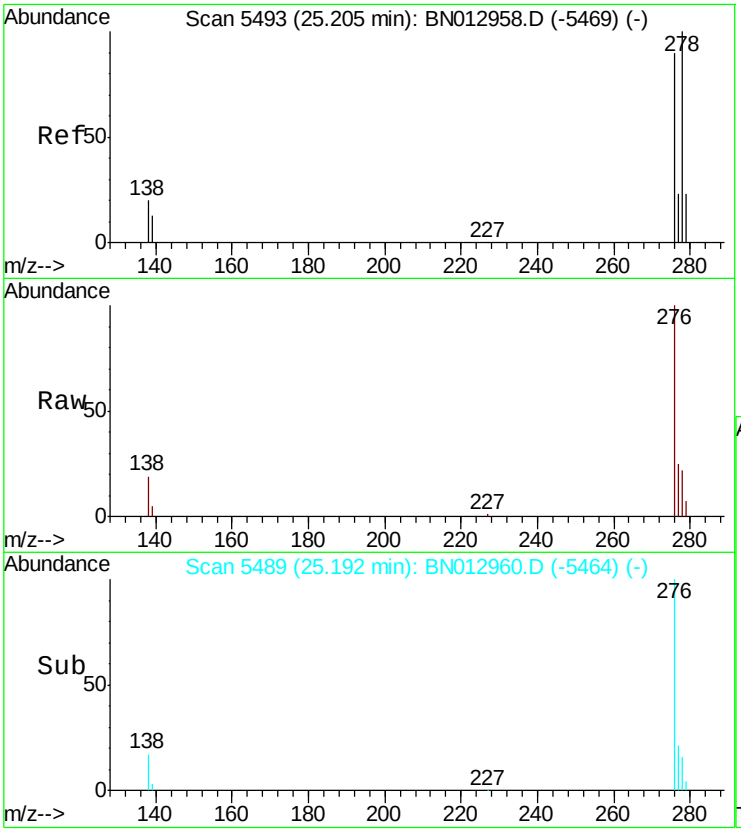


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.520 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.01 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:276 Resp: 34011

Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.2	24.2
227	0.1	0.0	0.0#

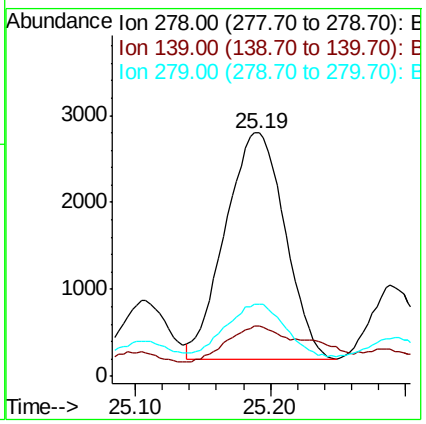




#25
Dibenzo(a,h)anthracene
Concen: 0.451 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. -0.02 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

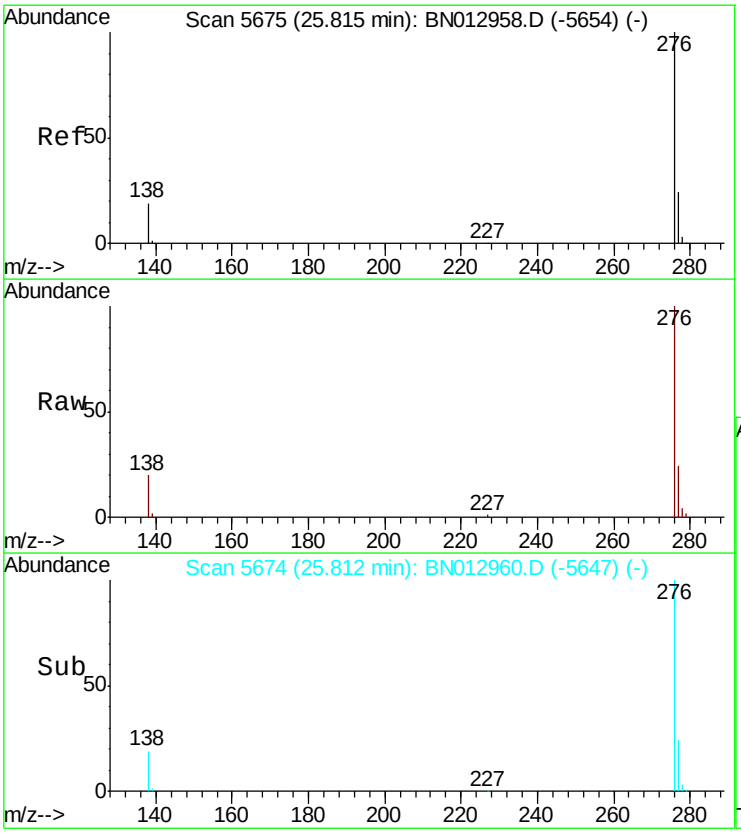
Tgt Ion:278 Resp: 7992

Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.5	21.7
279	29.8	26.3	39.5



Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual Integrations APPROVED
mohammad
12/9/2020 12:23:20 PM



#26
Benzo(g,h,i)perylene
Concen: 1.722 ng/ul
RT: 25.81 min Scan# 5674
Delta R.T. -0.01 min
Lab File: BN012960.D
Acq: 08 Dec 2020 04:20

Tgt Ion:276 Resp: 34850

Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.3	24.5
277	24.2	21.8	32.6