Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012985.D
Acq On : 08 Dec 2020 20:53
Operator : CG/JU
Sample : L4862-03DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ3DL

Manual Integrations APPROVED
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12/9/2020 12:25:21 PM

Quant Time: Dec 09 00:49:27 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 00:11:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1294	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	5132	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2833	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5904	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4201	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3887	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	453	0.06	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	906	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	405	0.027	ng/ul#	72
5) 2-Methylnaphthalene	11.84	142	225	0.023	ng/ul	95
7) Acenaphthylene	13.76	152	270	0.020	ng/ul#	59
8) Acenaphthene	14.11	153	292	0.027	ng/ul	96
9) Fluorene	15.11	166	370	0.029	ng/ul#	95
12) Phenanthrene	16.85	178	8730	0.441	ng/ul	98
13) Anthracene	16.94	178	2069	0.123	ng/ul	97
15) Fluoranthene	18.88	202	18421	0.783	ng/ul	97
17) Pyrene	19.25	202	16229	0.818	ng/ul	99
18) Benzo(a)anthracene	21.01	228	7806	0.449	ng/ul	98
19) Chrysene	21.06	228	8583	0.447	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	10839m	0.603	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	4303m	0.216	ng/ul	
23) Benzo(a)pyrene	23.04	252	7293	0.437	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.18	276	4823	0.220	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.20	278	1146	0.066	ng/ul#	70
26) Benzo(g,h,i)perylene	25.81	276	4716	0.238	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 : BN012985.D
Acq On : 08 Dec 2020 20:53
Operator : CG/JU
Sample : L4862-03DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Quant Time: Dec 09 00:49:27 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 00:11:42 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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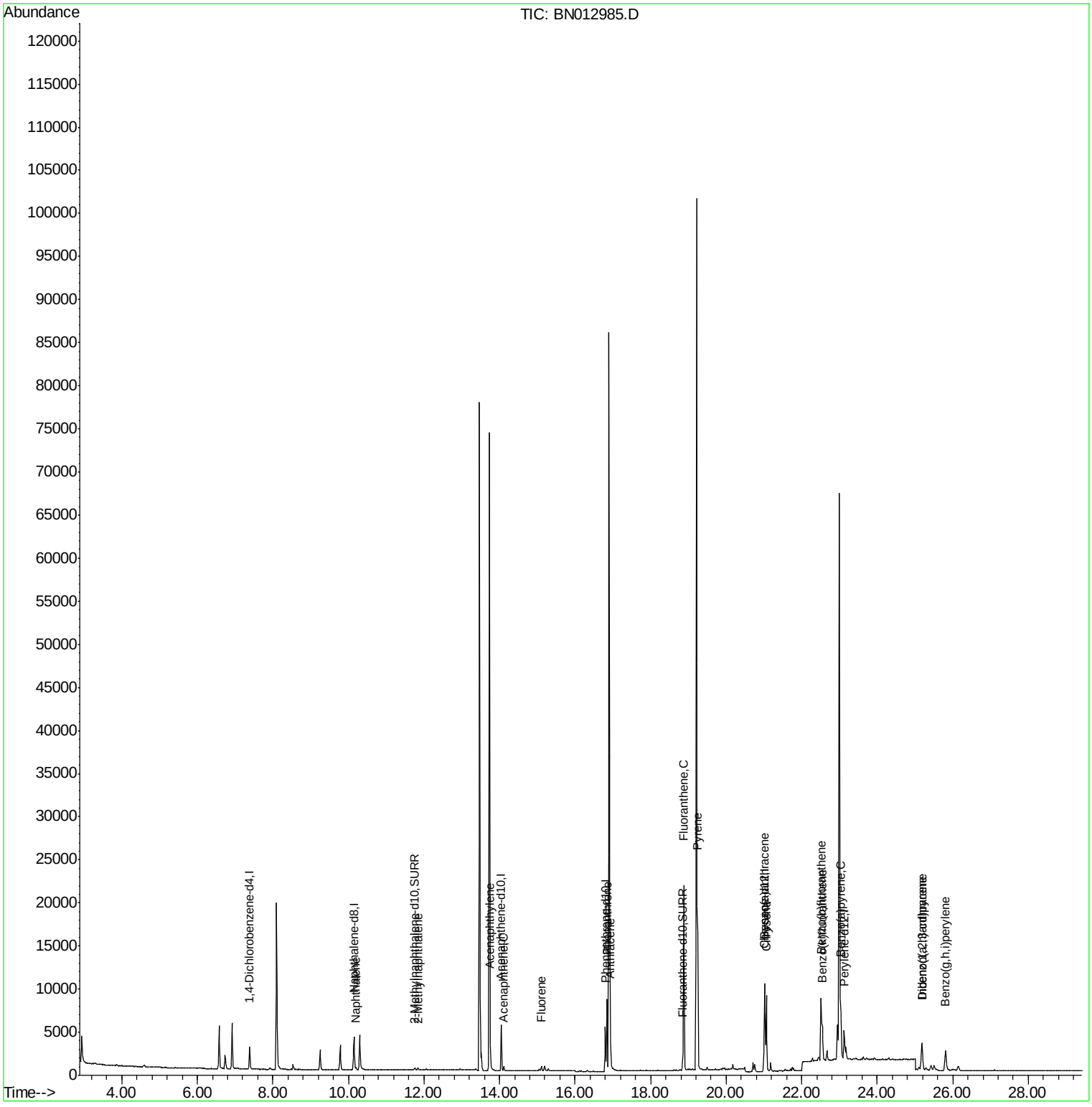

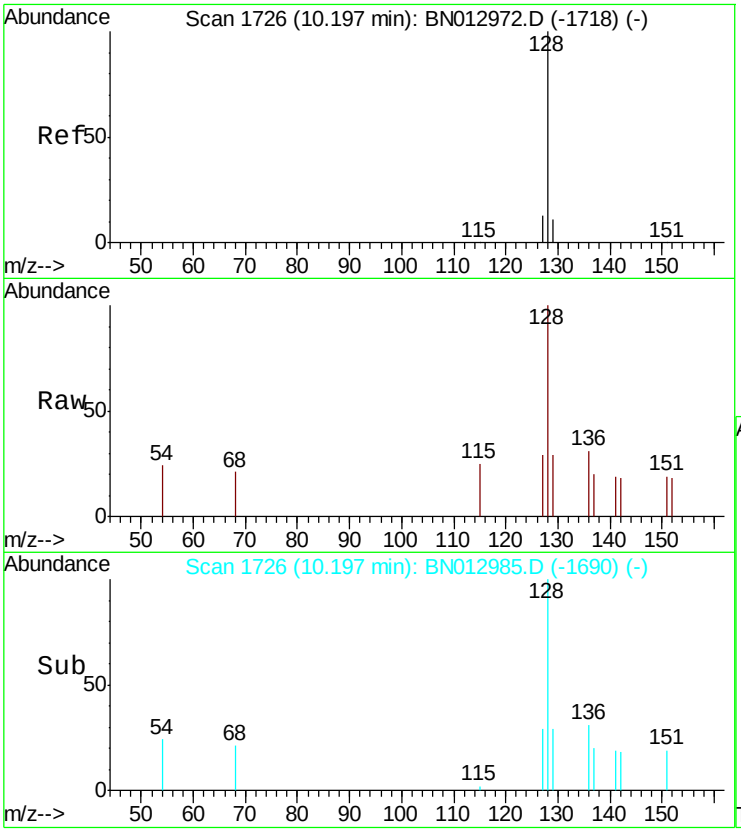

#3
Naphthalene
Concen: 0.027 ng/ul
RT: 10.20 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:128 Resp: 405

Ion	Ratio	Lower	Upper
128	100		
129	29.0	12.3	18.5#
127	28.7	14.2	21.4#

Instrument :
BNA_N
ClientSampleId :
C0AZ3DL

Manual Integrations APPROVED
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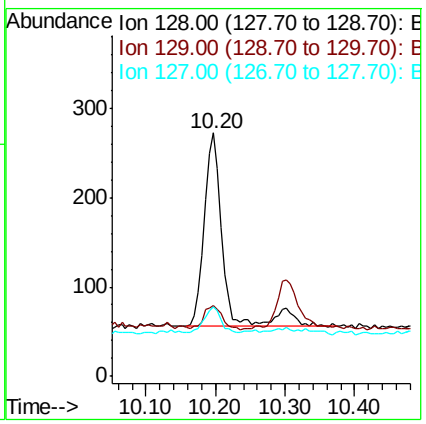
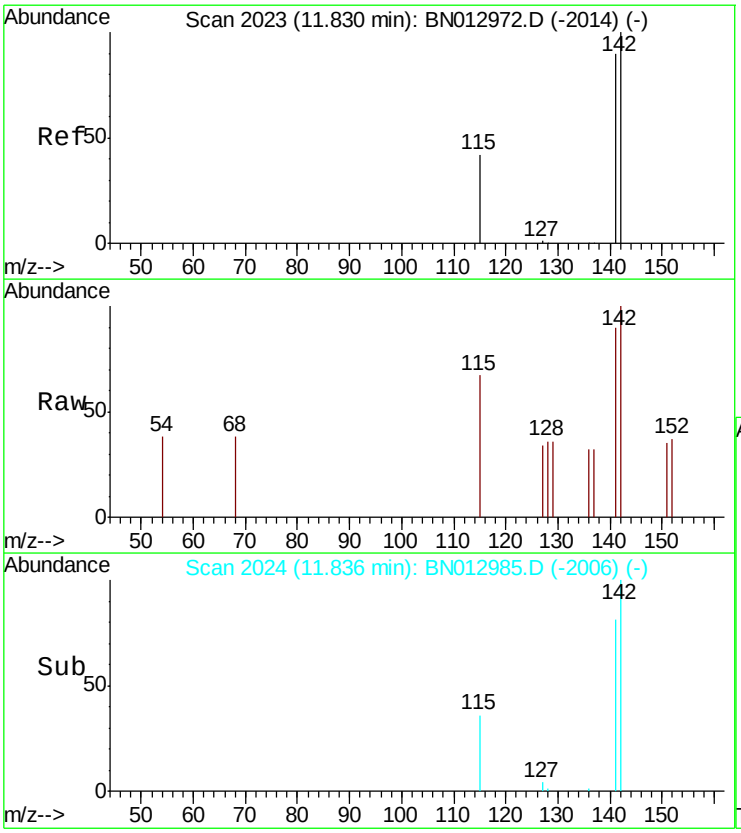
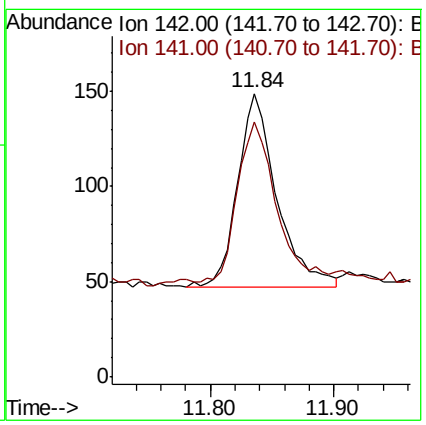


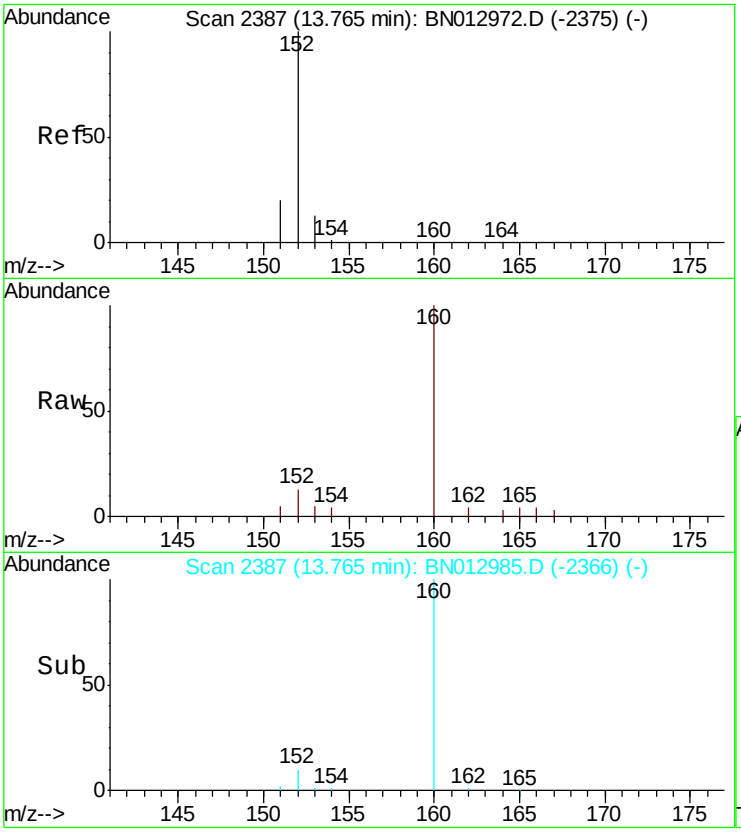


#5
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.84 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:142 Resp: 225

Ion	Ratio	Lower	Upper
142	100		
141	86.2	73.0	109.6

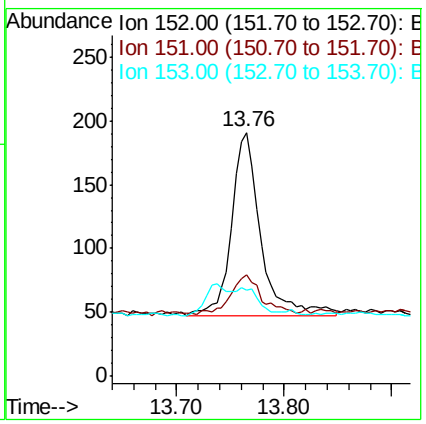




#7
Acenaphthylene
Concen: 0.020 ng/ul
RT: 13.76 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:152 Resp: 270

Ion	Ratio	Lower	Upper
152	100		
151	41.4	18.2	27.4#
153	35.1	13.1	19.7#



Instrument :
BNA_N
ClientSampleId :
C0AZ3DL

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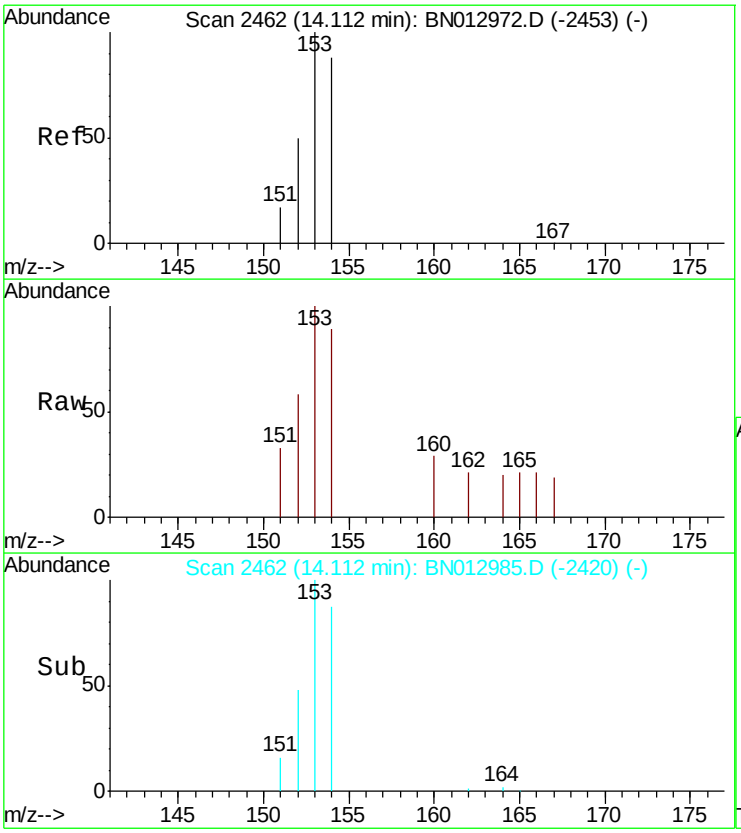
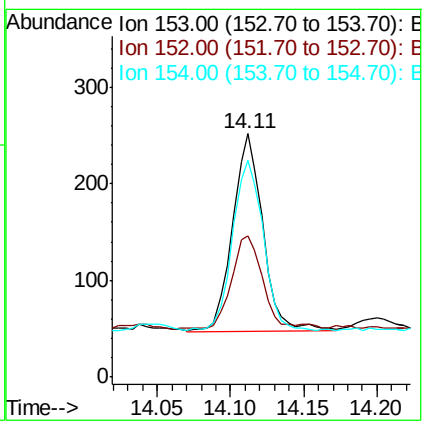
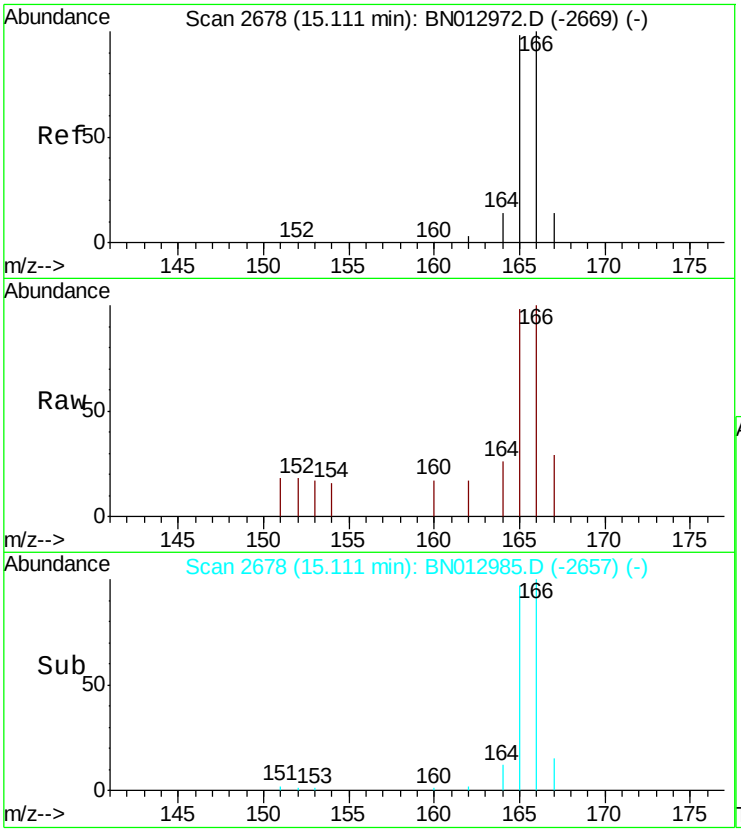


#8
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.11 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:153 Resp: 292

Ion	Ratio	Lower	Upper
153	100		
152	57.9	40.7	61.1
154	88.9	70.8	106.2

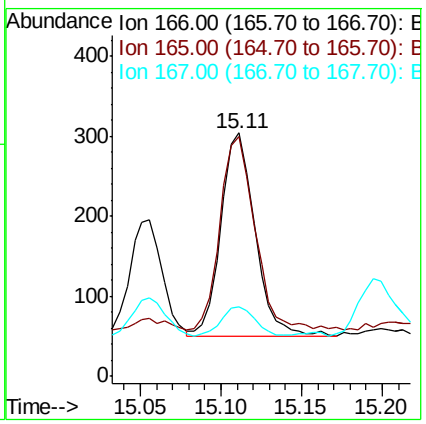




#9
Fluorene
Concen: 0.029 ng/ul
RT: 15.11 min Scan# 2678
Delta R.T. -0.00 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:166 Resp: 370

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	28.6	13.8	20.8#



Instrument :
BNA_N
ClientSampleId :
C0AZ3DL

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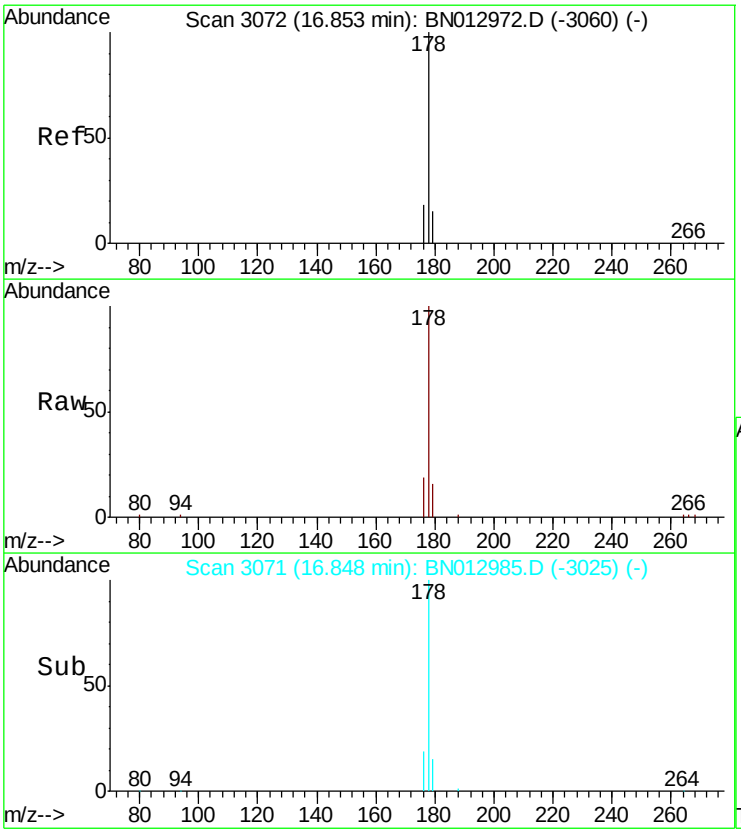
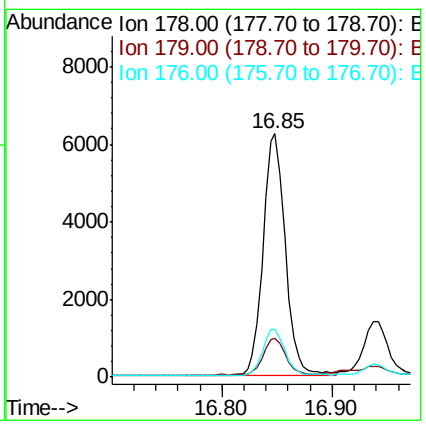
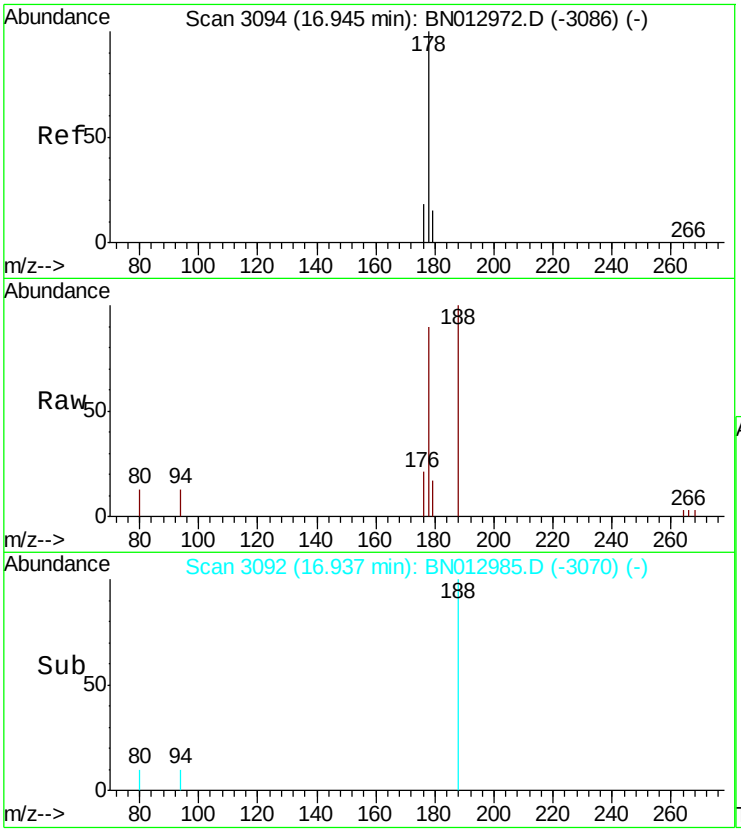


#12
Phenanthrene
Concen: 0.441 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:178 Resp: 8730

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.6	20.4
176	19.4	16.4	24.6





#13
Anthracene
Concen: 0.123 ng/ul
RT: 16.94 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:178 Resp: 2069

Ion	Ratio	Lower	Upper
178	100		
179	19.3	14.6	21.8
176	23.1	17.1	25.7

Instrument :
BNA_N
ClientSampleId :
C0AZ3DL

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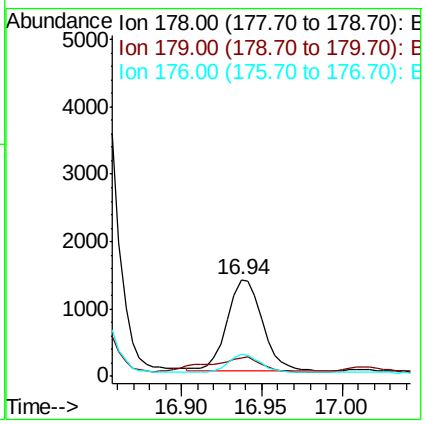
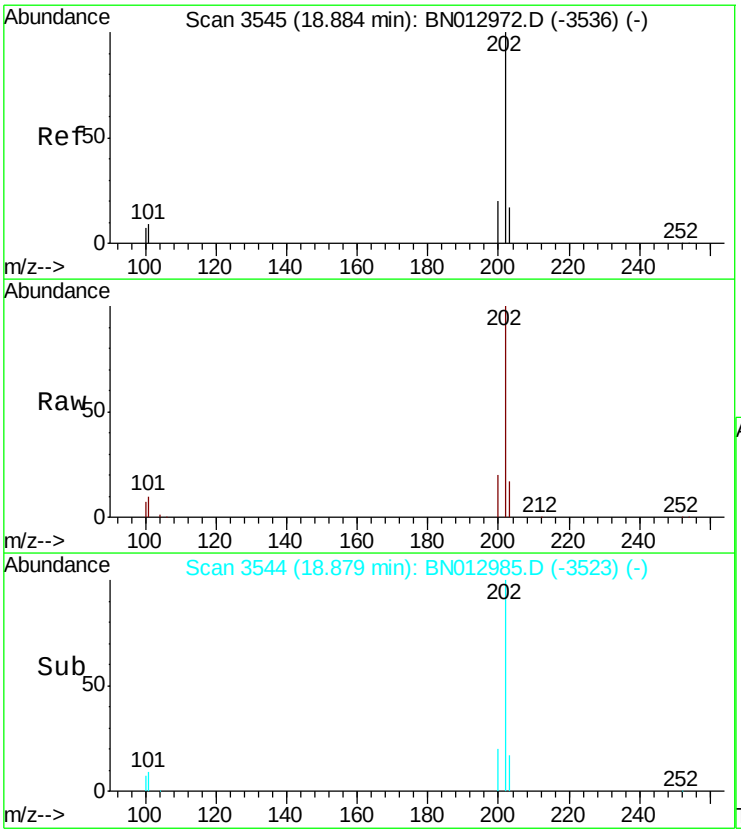
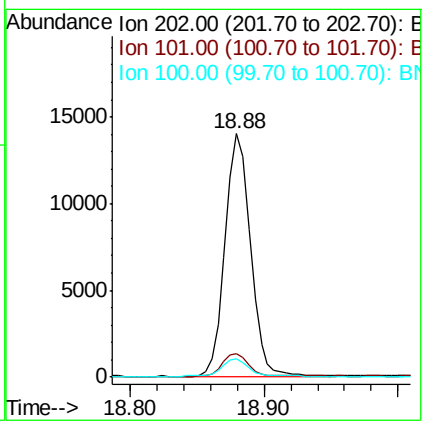


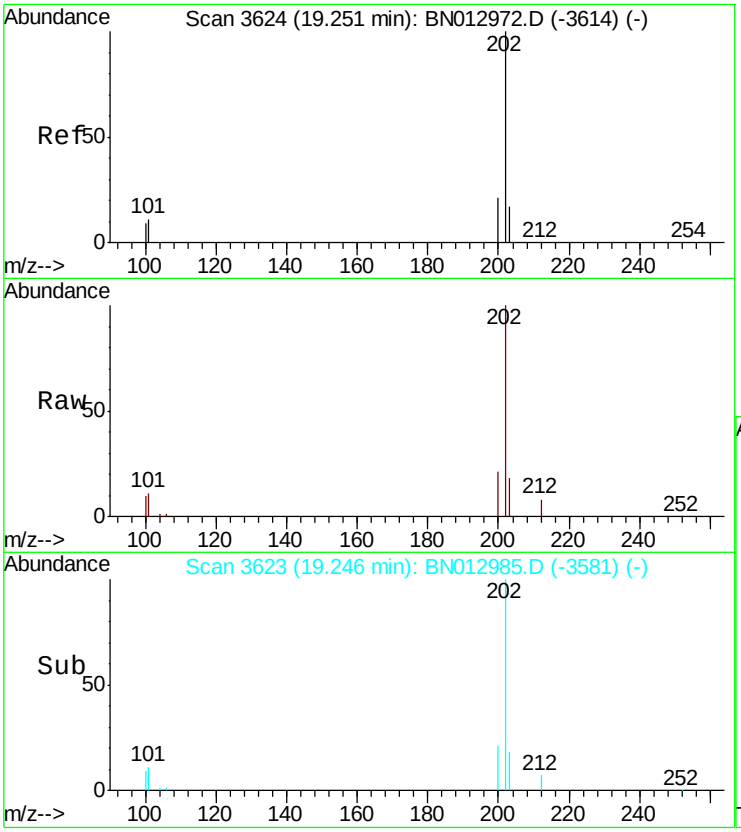


#15
Fluoranthene
Concen: 0.783 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:202 Resp: 18421

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.6
100	7.5	0.0	28.7





#17
Pyrene
Concen: 0.818 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:202 Resp: 16229

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.1	13.7
100	9.6	7.5	11.3

Instrument :
BNA_N
ClientSampleId :
C0AZ3DL

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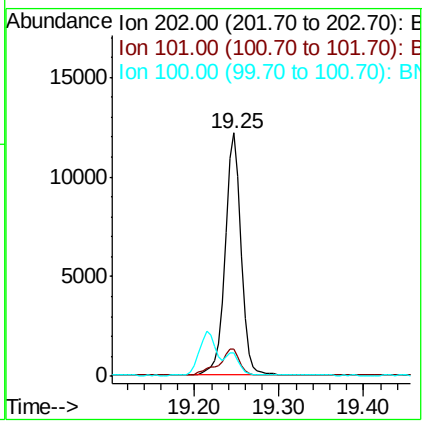
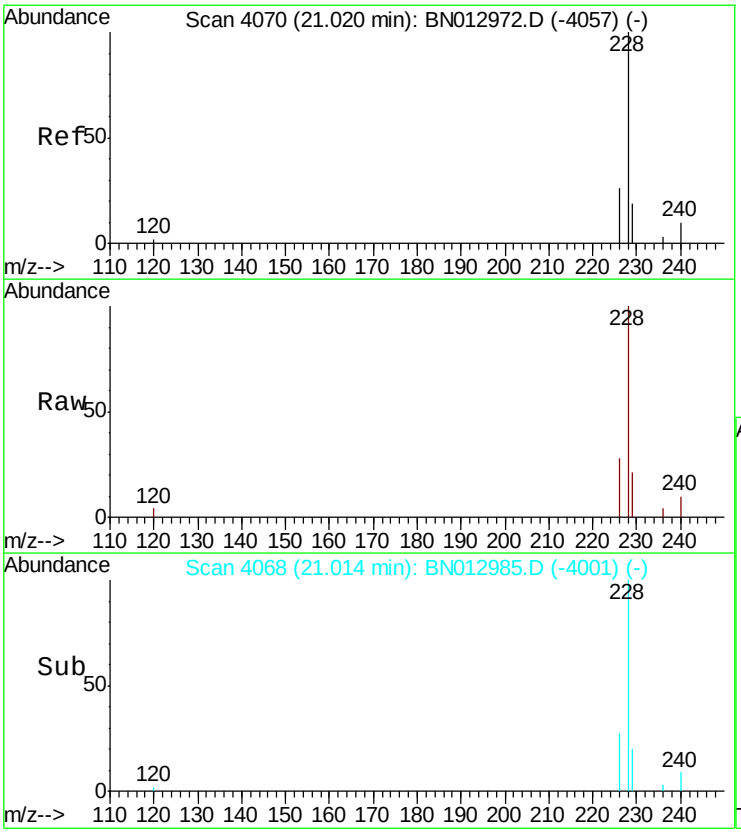
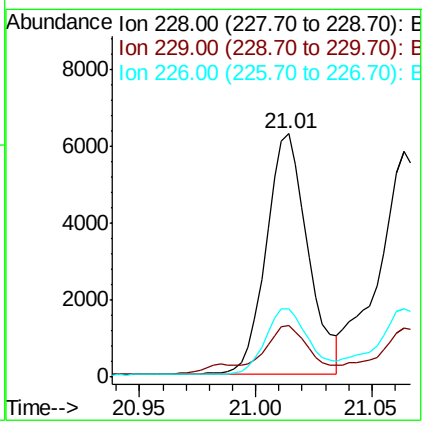


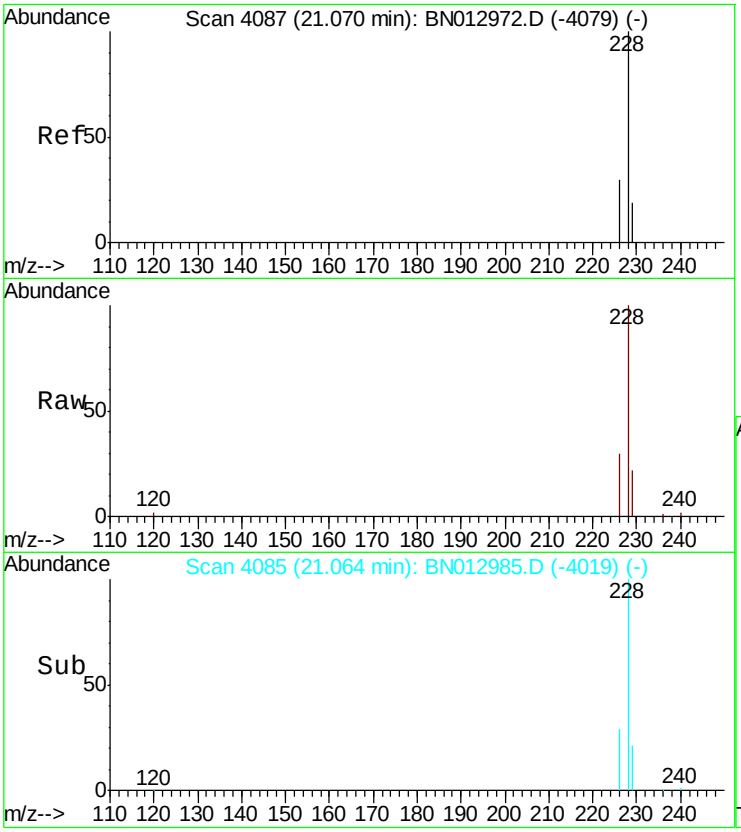


#18
Benzo(a)anthracene
Concen: 0.449 ng/ul
RT: 21.01 min Scan# 4068
Delta R.T. -0.01 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:228 Resp: 7806

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.3	24.5
226	28.2	23.4	35.2

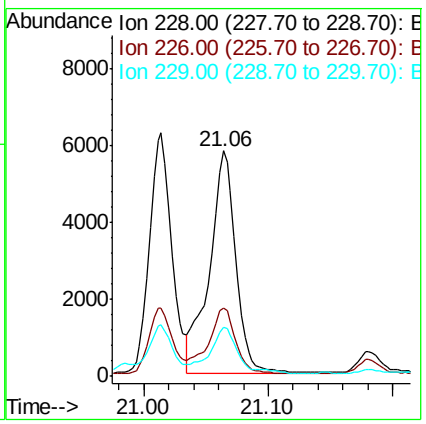




#19
Chrysene
Concen: 0.447 ng/ul
RT: 21.06 min Scan# 4085
Delta R.T. -0.01 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:228 Resp: 8583

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.7	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
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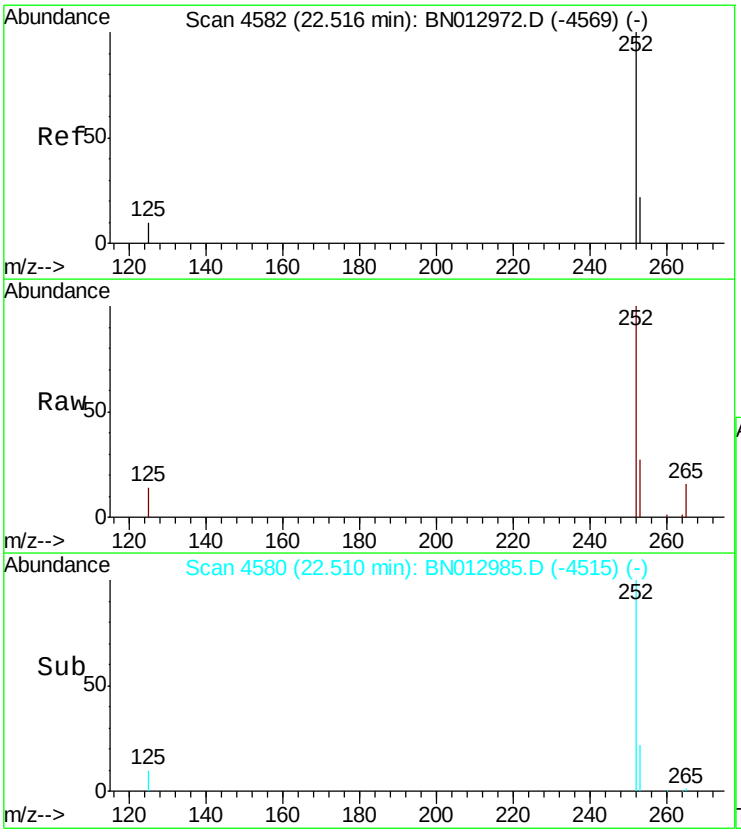
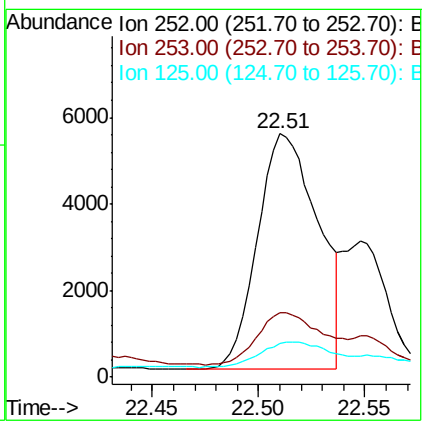
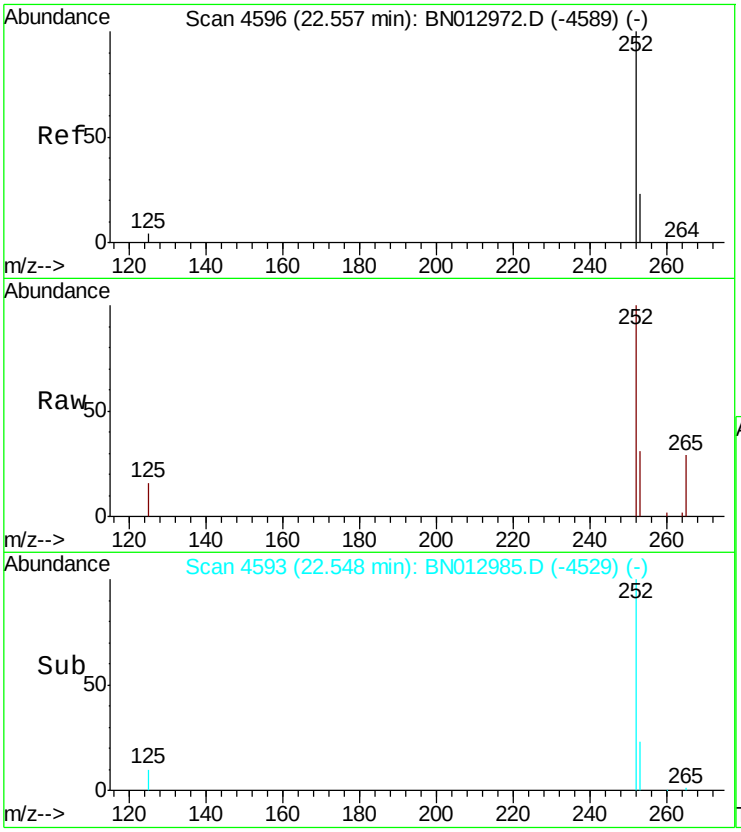


#21
Benzo(b)fluoranthene
Concen: 0.603 ng/ul m
RT: 22.51 min Scan# 4580
Delta R.T. -0.01 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:252 Resp: 10839

Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	59.6
125	13.8	0.0	26.0

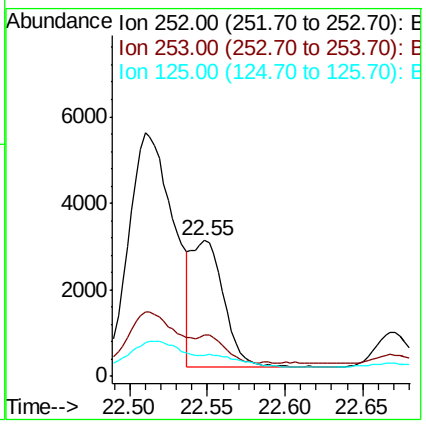




#22
Benzo(k)fluoranthene
Concen: 0.216 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. -0.01 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:252 Resp: 4303

Ion	Ratio	Lower	Upper
252	100		
253	30.7	23.4	35.2
125	15.7	11.1	16.7



Instrument :
BNA_N
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Manual Integrations APPROVED
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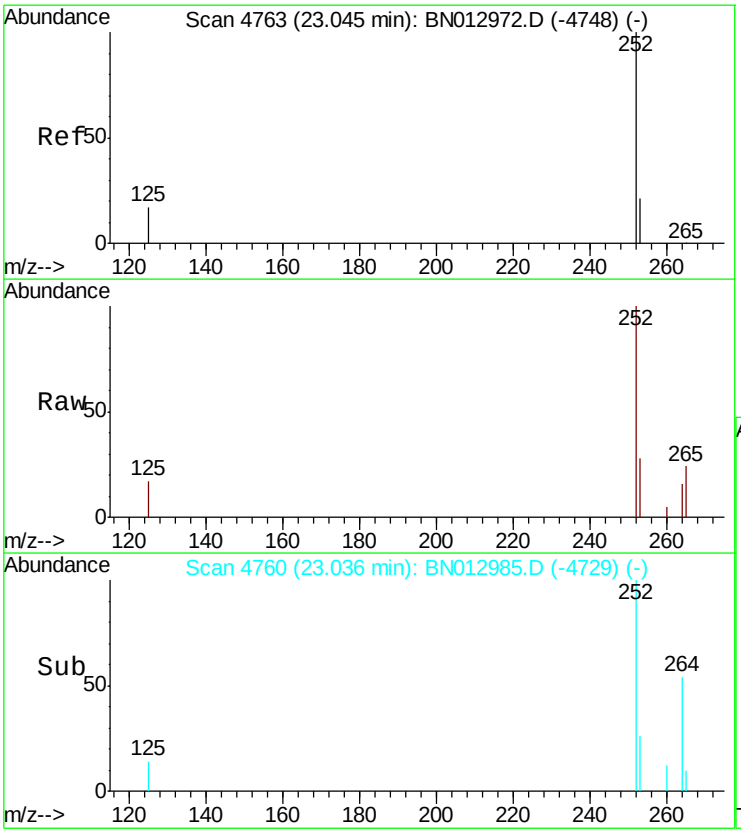
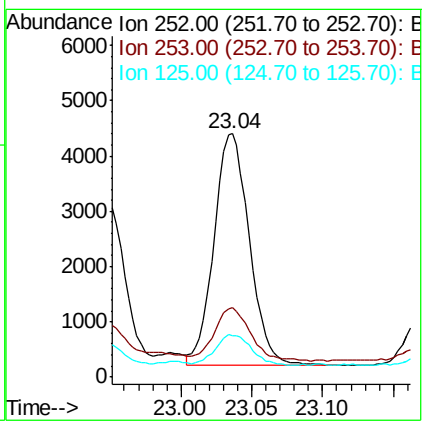
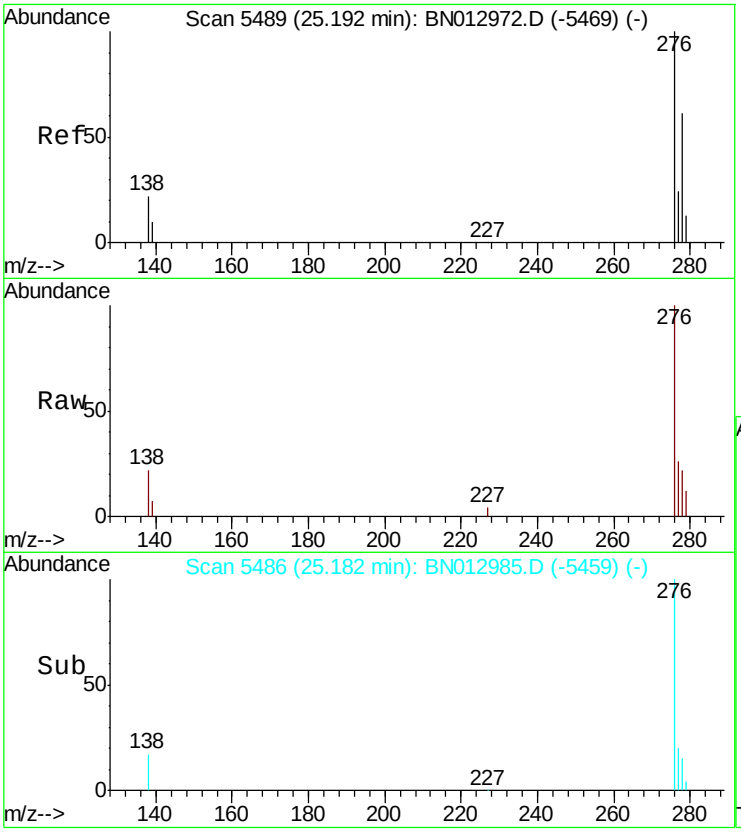


#23
Benzo(a)pyrene
Concen: 0.437 ng/ul
RT: 23.04 min Scan# 4760
Delta R.T. -0.01 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:252 Resp: 7293

Ion	Ratio	Lower	Upper
252	100		
253	28.4	26.5	39.7
125	17.2	14.2	21.2





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.220 ng/ul
RT: 25.18 min Scan# 5486
Delta R.T. -0.01 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:276 Resp: 4823

Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.2	24.2
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0AZ3DL

Manual Integrations APPROVED
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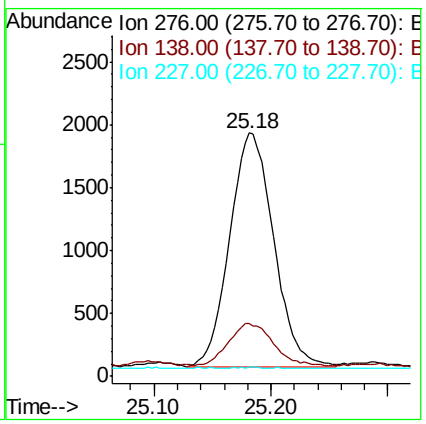
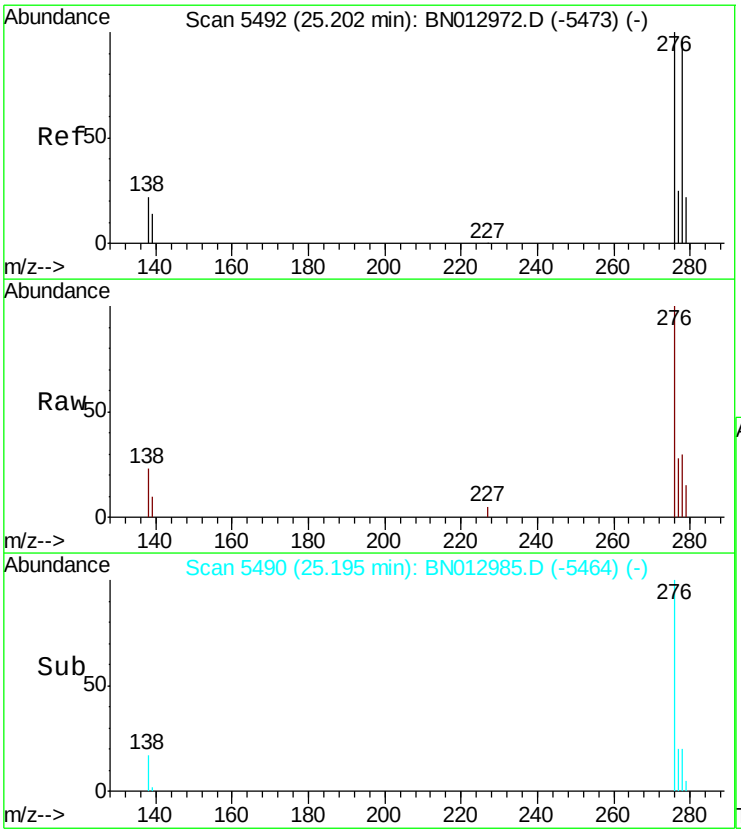
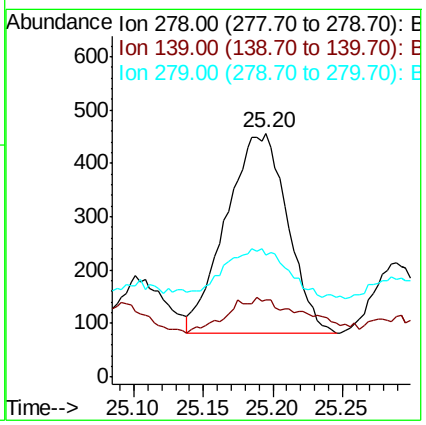


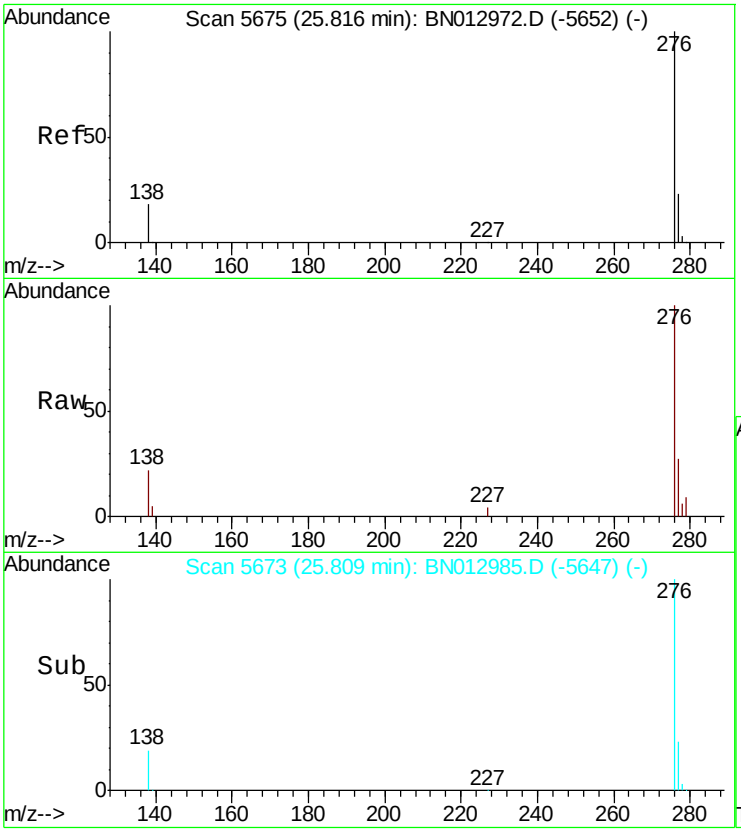


#25
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 25.20 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:278 Resp: 1146

Ion	Ratio	Lower	Upper
278	100		
139	31.6	14.5	21.7#
279	49.8	26.3	39.5#

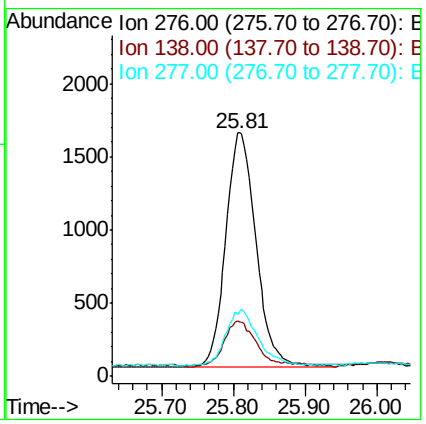




#26
Benzo(g,h,i)perylene
Concen: 0.238 ng/ul
RT: 25.81 min Scan# 5673
Delta R.T. -0.01 min
Lab File: BN012985.D
Acq: 08 Dec 2020 20:53

Tgt Ion:276 Resp: 4716

Ion	Ratio	Lower	Upper
276	100		
138	22.5	16.3	24.5
277	27.0	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0AZ3DL

Manual Integrations APPROVED
mohammad
12/9/2020 12:25:21 PM