Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012994.D
Acq On : 09 Dec 2020 02:53
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B98

Manual Integrations APPROVED
mohammad
12/9/2020 12:25:40 PM

Quant Time: Dec 09 03:51:15 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 03:31:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1089	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4462	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2519	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5134m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3883	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3228	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1253	0.19	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	2621	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	602	0.047	ng/ul#	85
5) 2-Methylnaphthalene	11.82	142	471	0.056	ng/ul	93
7) Acenaphthylene	13.76	152	1083	0.091	ng/ul#	92
8) Acenaphthene	14.11	153	475	0.049	ng/ul	97
9) Fluorene	15.11	166	636	0.057	ng/ul#	96
12) Phenanthrene	16.85	178	18901	1.098	ng/ul	97
13) Anthracene	16.94	178	3378	0.231	ng/ul	99
15) Fluoranthene	18.88	202	76932	3.761	ng/ul	97
17) Pyrene	19.25	202	69519	3.790	ng/ul	99
18) Benzo(a)anthracene	21.01	228	37941	2.362	ng/ul	99
19) Chrysene	21.06	228	43198	2.434	ng/ul	99
21) Benzo(b)fluoranthene	22.51	252	58260m	3.901	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	21503m	1.303	ng/ul	
23) Benzo(a)pyrene	23.04	252	37927m	2.737	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.18	276	25738	1.414	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.18	278	6091	0.423	ng/ul	96
26) Benzo(g,h,i)perylene	25.81	276	22805	1.385	ng/ul	97

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

Quantitation Report (QT Reviewed)

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Acq On : 09 Dec 2020 02:53
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QLast Update : Wed Dec 09 03:31:51 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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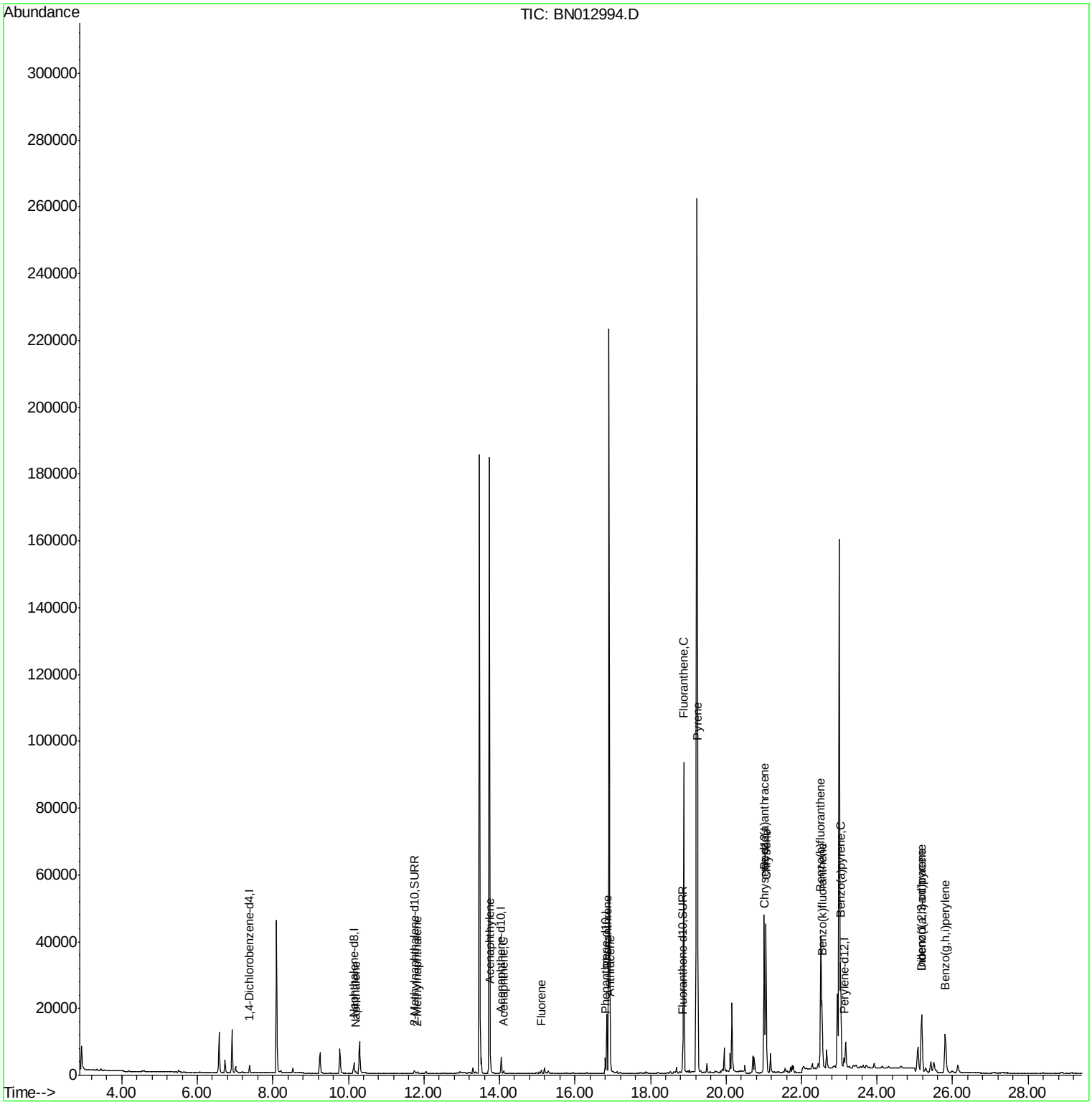

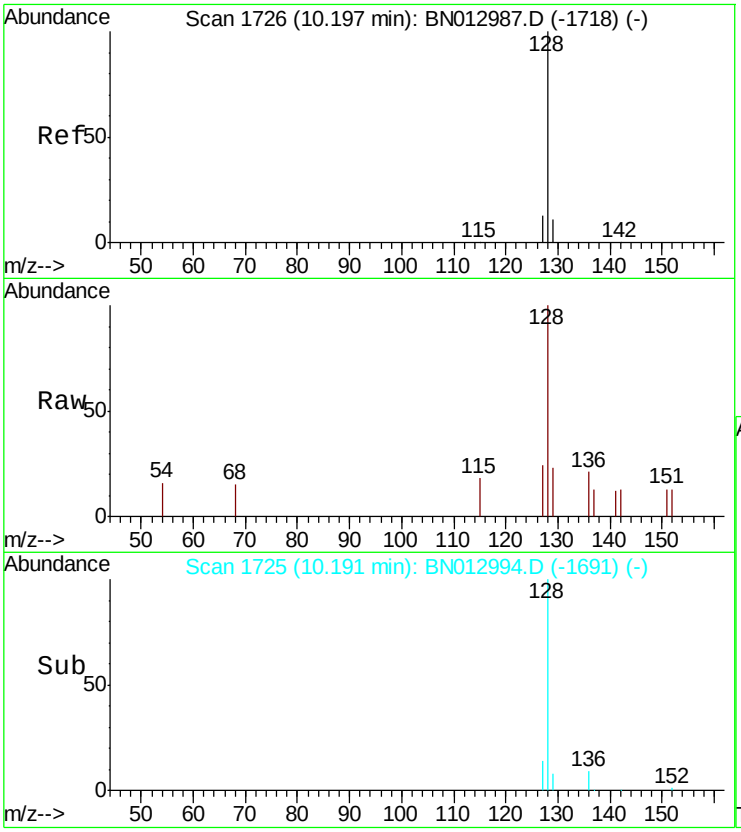

#3
Naphthalene
Concen: 0.047 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:128 Resp: 602

Ion	Ratio	Lower	Upper
128	100		
129	22.5	12.3	18.5#
127	23.5	14.2	21.4#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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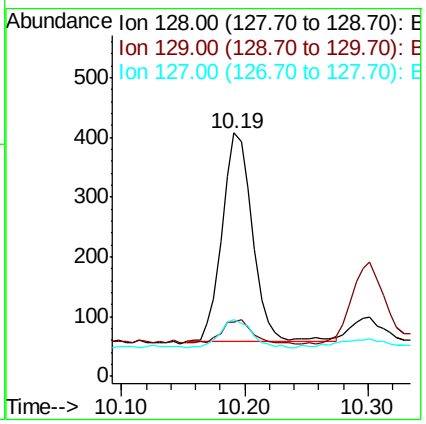
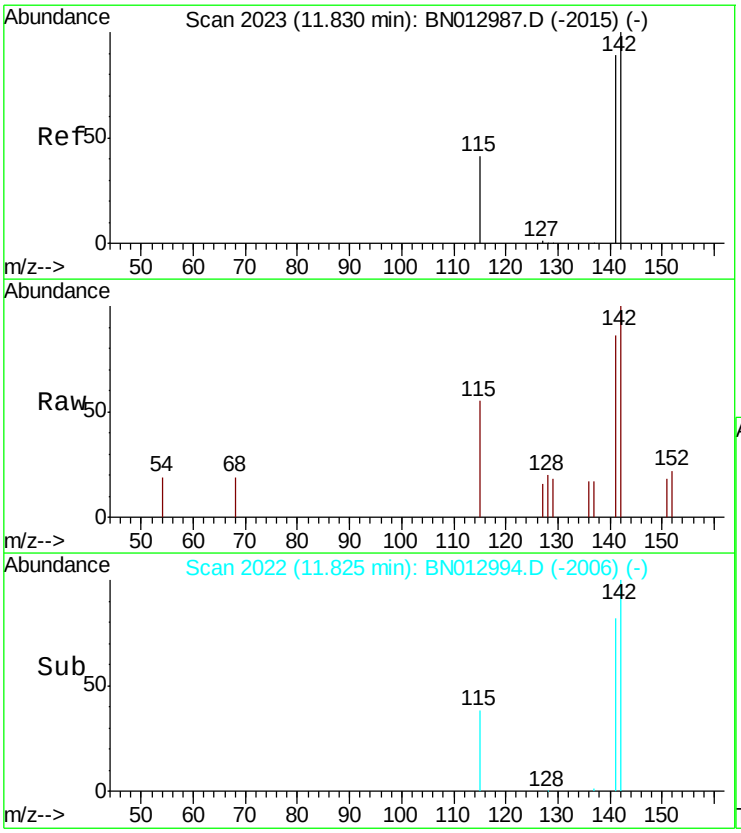
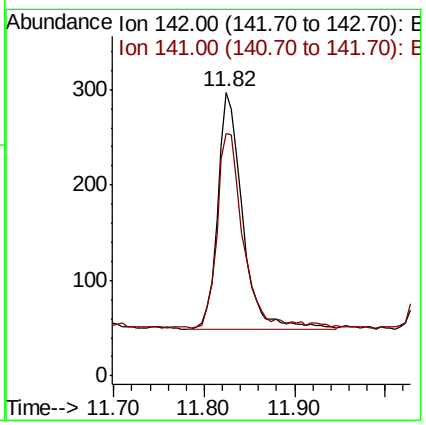


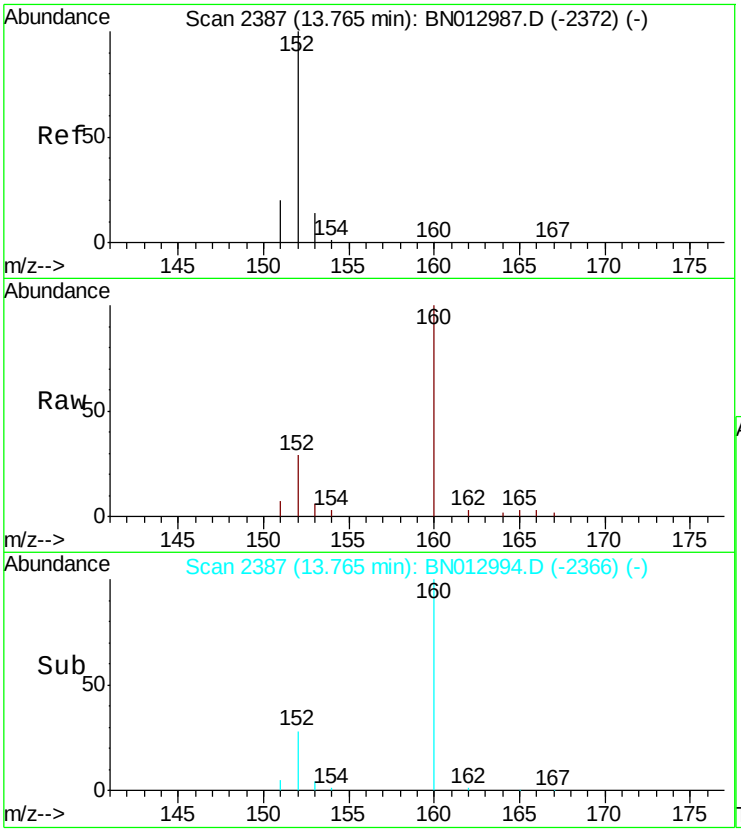


#5
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:142 Resp: 471

Ion	Ratio	Lower	Upper
142	100		
141	84.9	73.0	109.6





#7
Acenaphthylene
Concen: 0.091 ng/ul
RT: 13.76 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:152 Resp: 1083

Ion	Ratio	Lower	Upper
152	100		
151	25.4	18.2	27.4
153	21.1	13.1	19.7#

Instrument :
BNA_N
ClientSampleId :
C0B98

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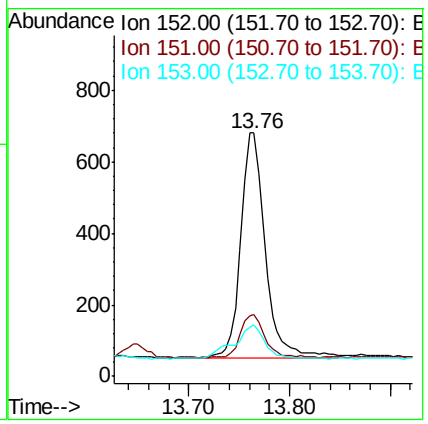
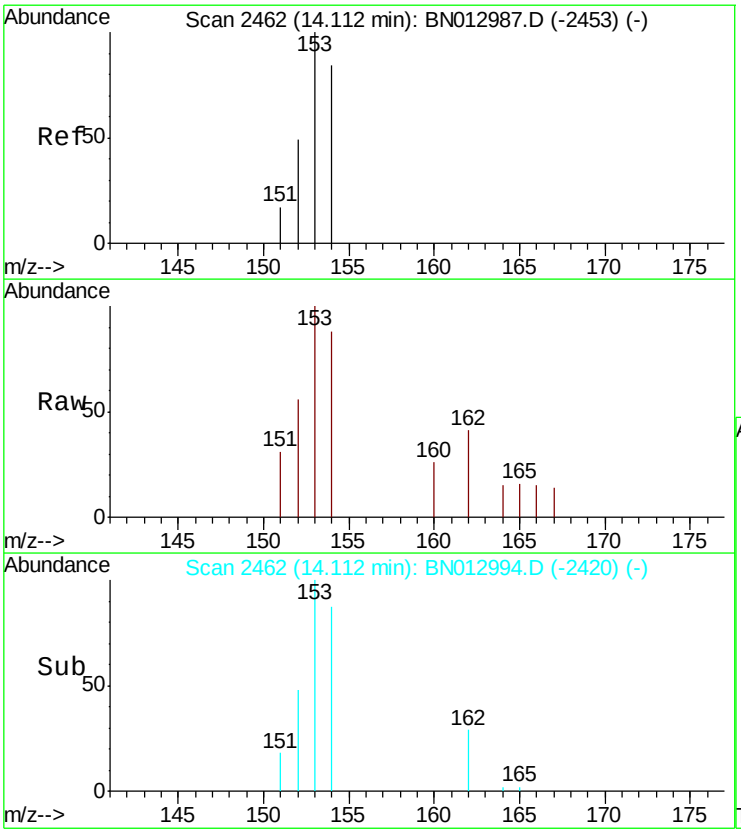
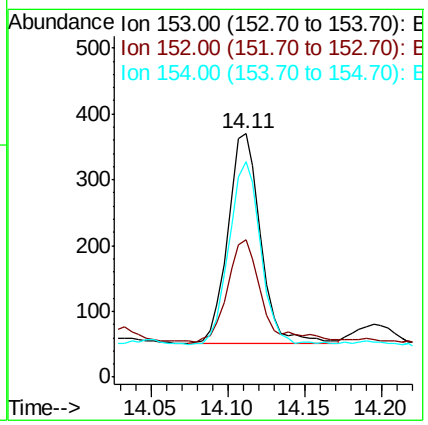


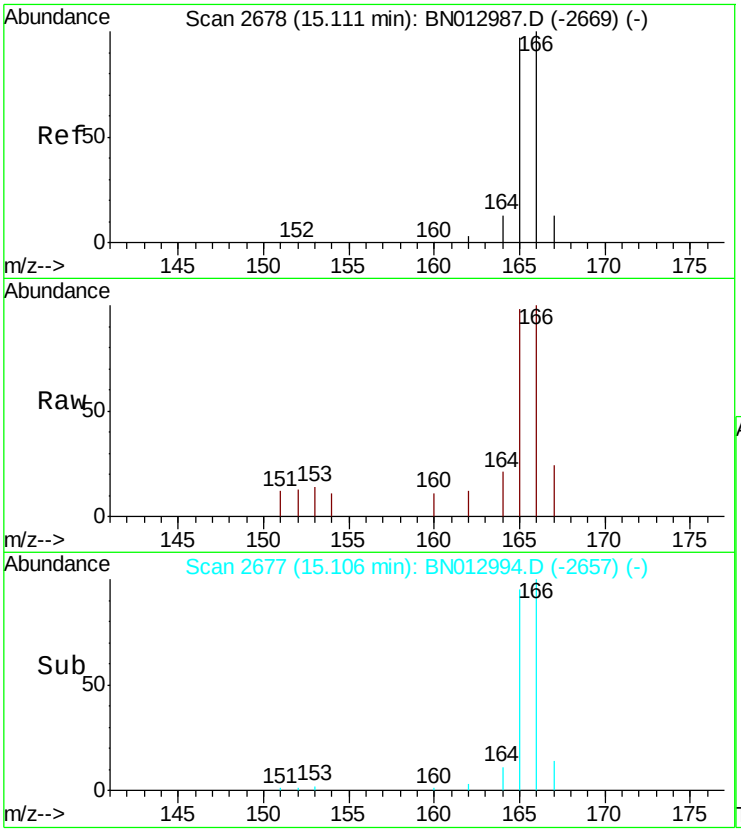


#8
Acenaphthene
Concen: 0.049 ng/ul
RT: 14.11 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:153 Resp: 475

Ion	Ratio	Lower	Upper
153	100		
152	56.5	40.7	61.1
154	88.4	70.8	106.2

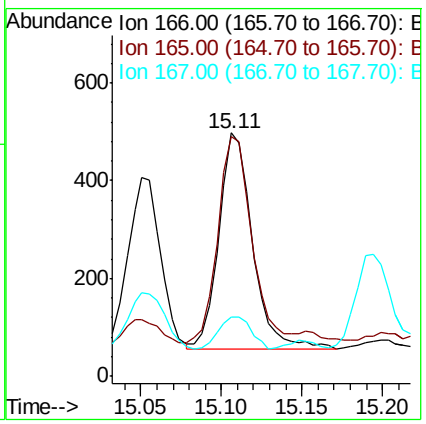




#9
Fluorene
Concen: 0.057 ng/ul
RT: 15.11 min Scan# 2677
Delta R.T. -0.01 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:166 Resp: 636

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	24.1	13.8	20.8#



Instrument :
BNA_N
ClientSampleId :
C0B98

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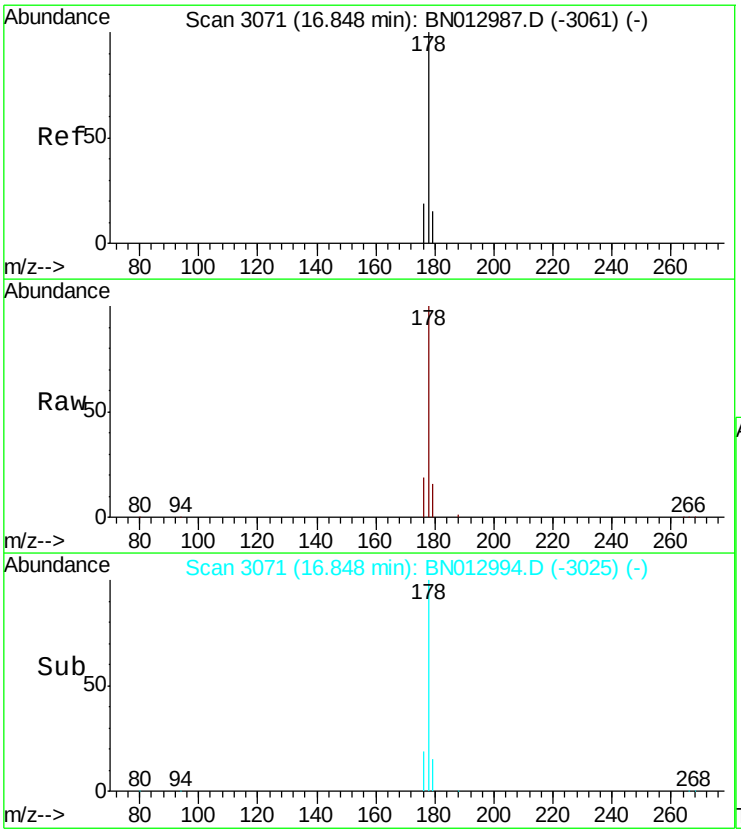
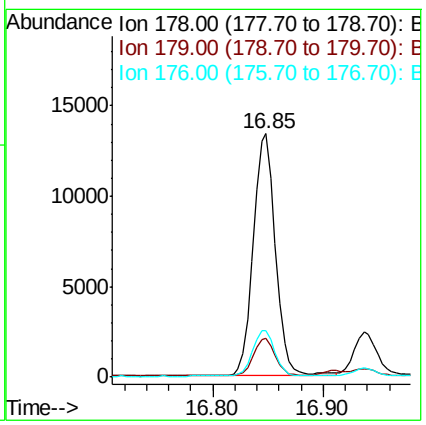
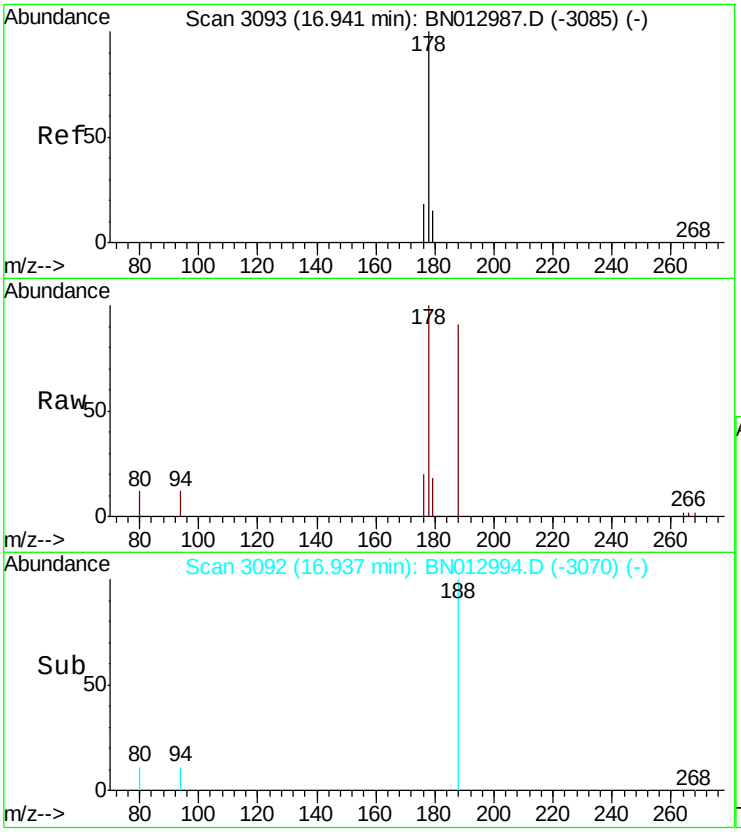


#12
Phenanthrene
Concen: 1.098 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:178 Resp: 18901

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.6	20.4
176	19.1	16.4	24.6





#13
Anthracene
Concen: 0.231 ng/ul
RT: 16.94 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:178 Resp: 3378

Ion	Ratio	Lower	Upper
178	100		
179	18.5	14.6	21.8
176	20.4	17.1	25.7

Instrument :
BNA_N
ClientSampleId :
C0B98

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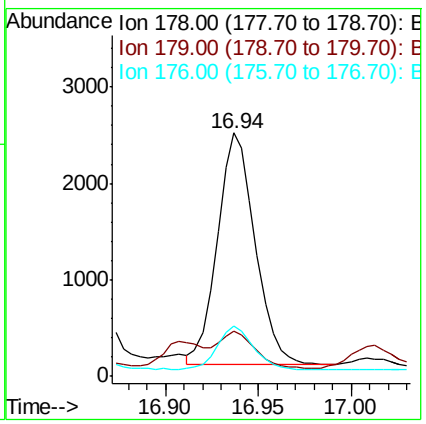
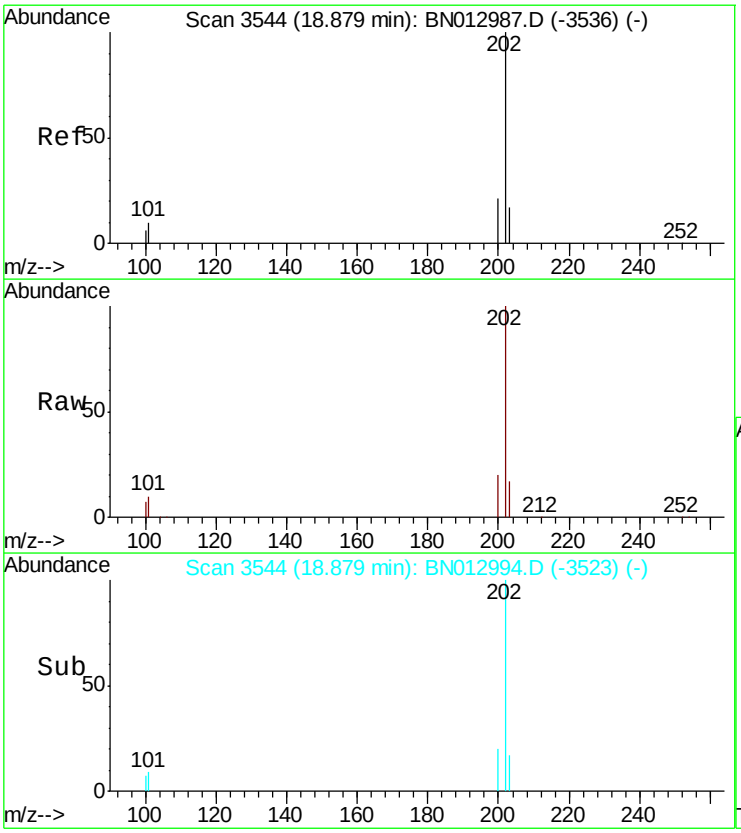
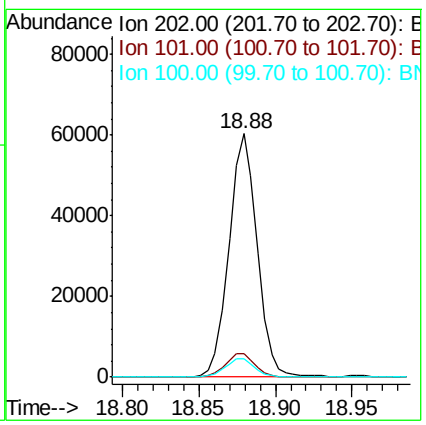


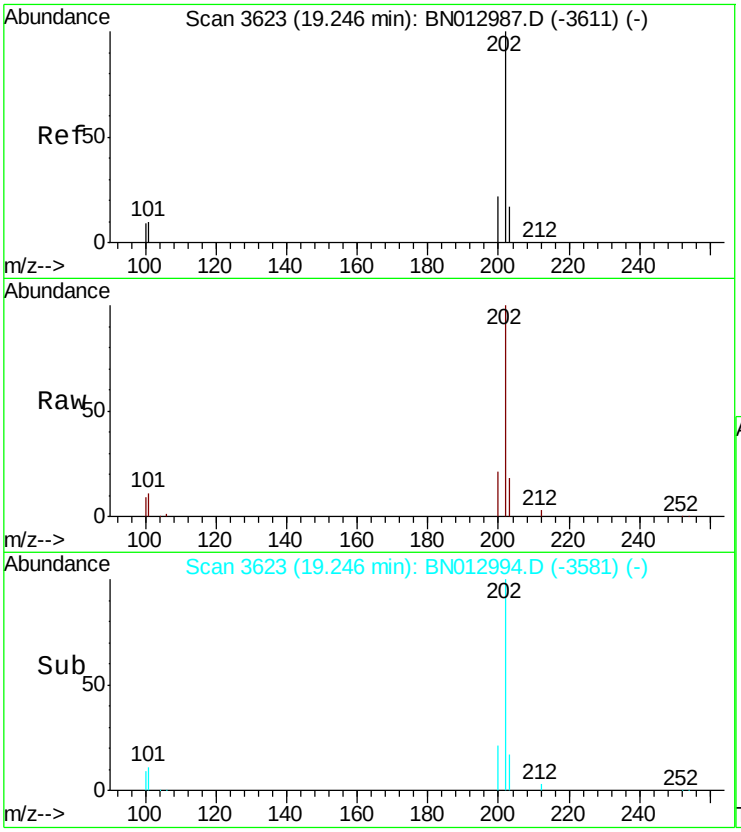


#15
Fluoranthene
Concen: 3.761 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:202 Resp: 76932

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





#17
Pyrene
Concen: 3.790 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:202 Resp: 69519

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	9.2	7.5	11.3

Instrument :
BNA_N
ClientSampleId :
C0B98

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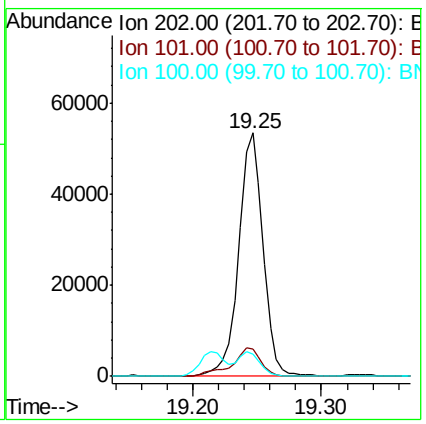
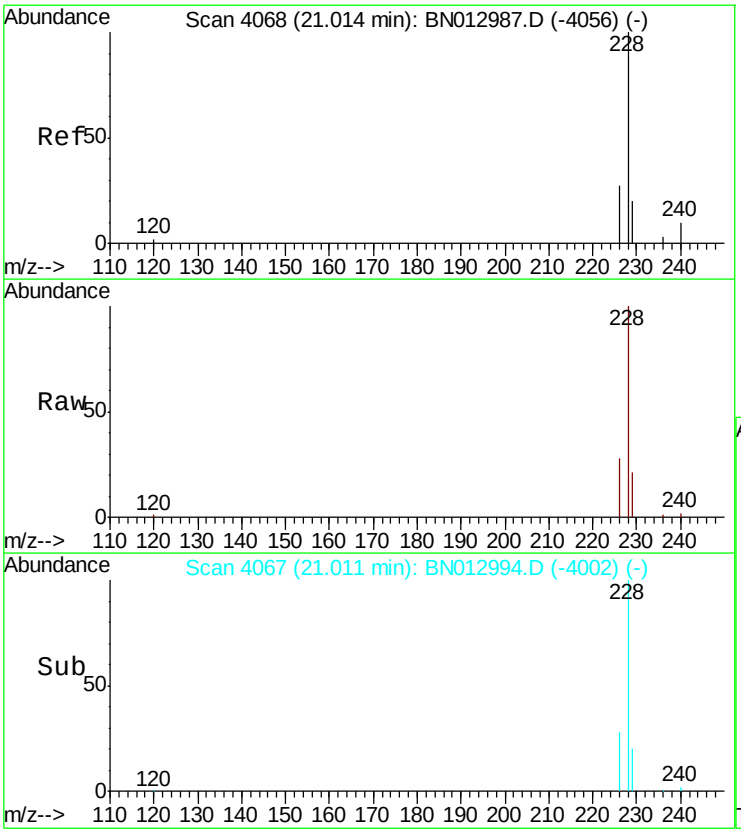
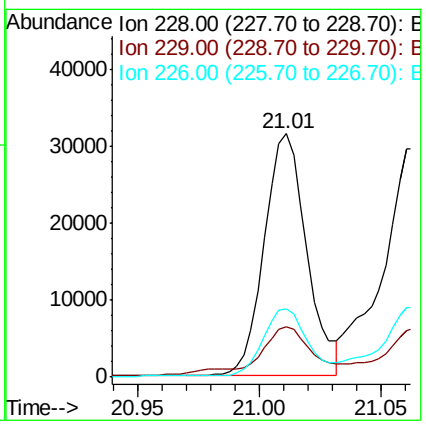


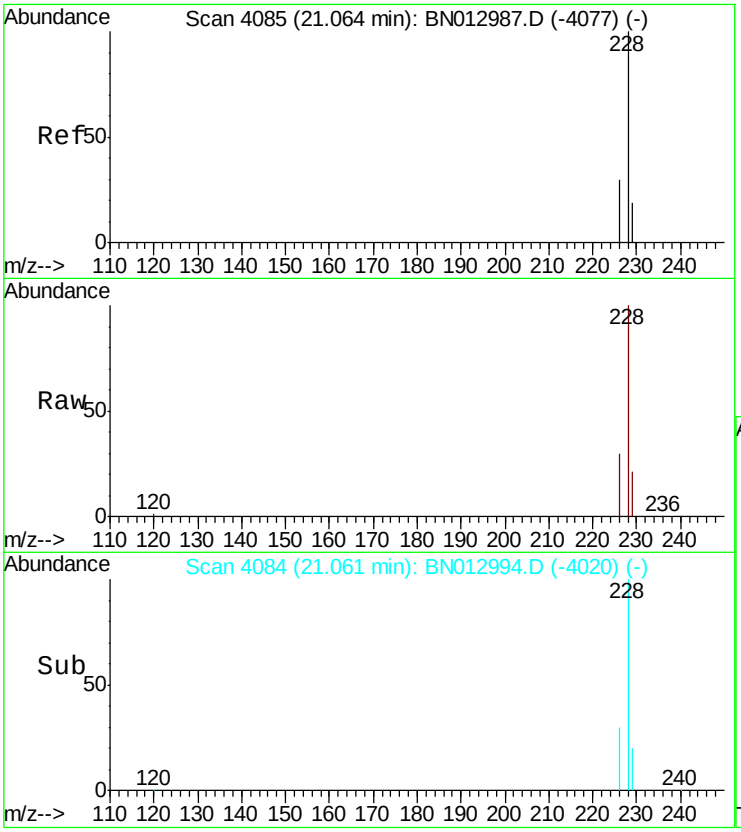


#18
Benzo(a)anthracene
Concen: 2.362 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.01 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:228 Resp: 37941

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.3	24.5
226	28.2	23.4	35.2

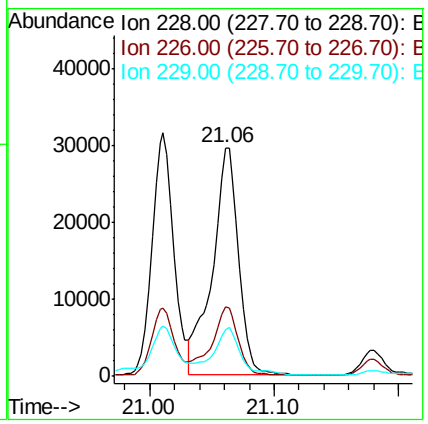




#19
Chrysene
Concen: 2.434 ng/ul
RT: 21.06 min Scan# 4084
Delta R.T. -0.01 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:228 Resp: 43198

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.7	16.4	24.6



Instrument :
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ClientSampleId :
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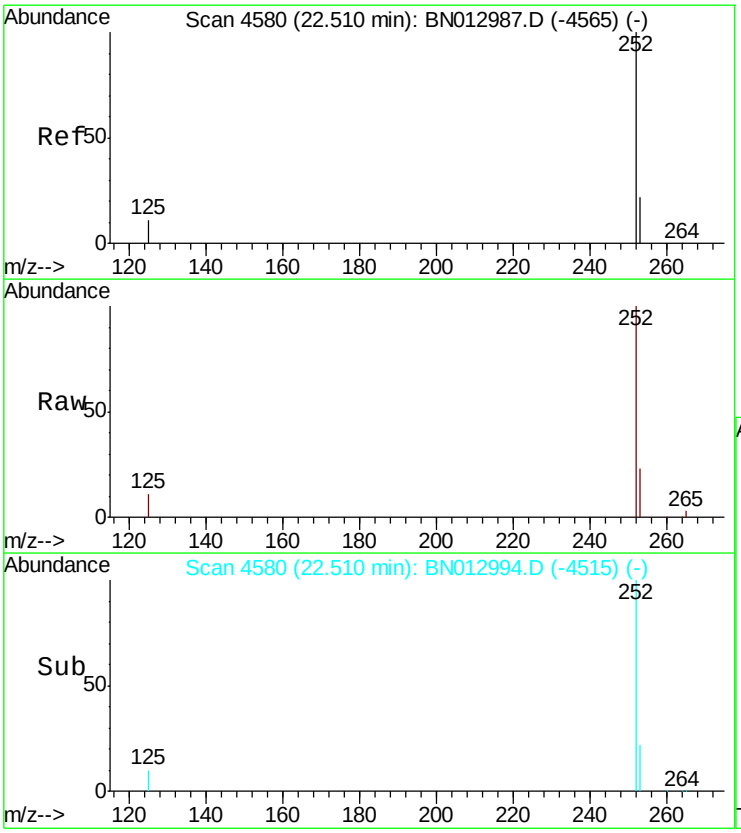
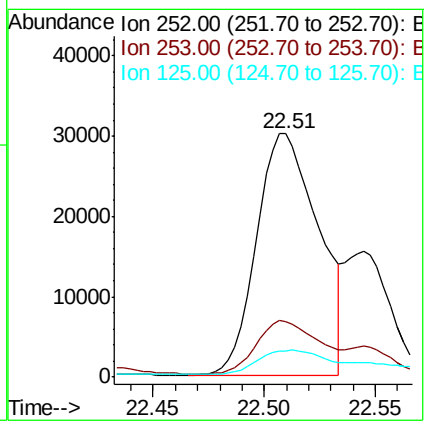
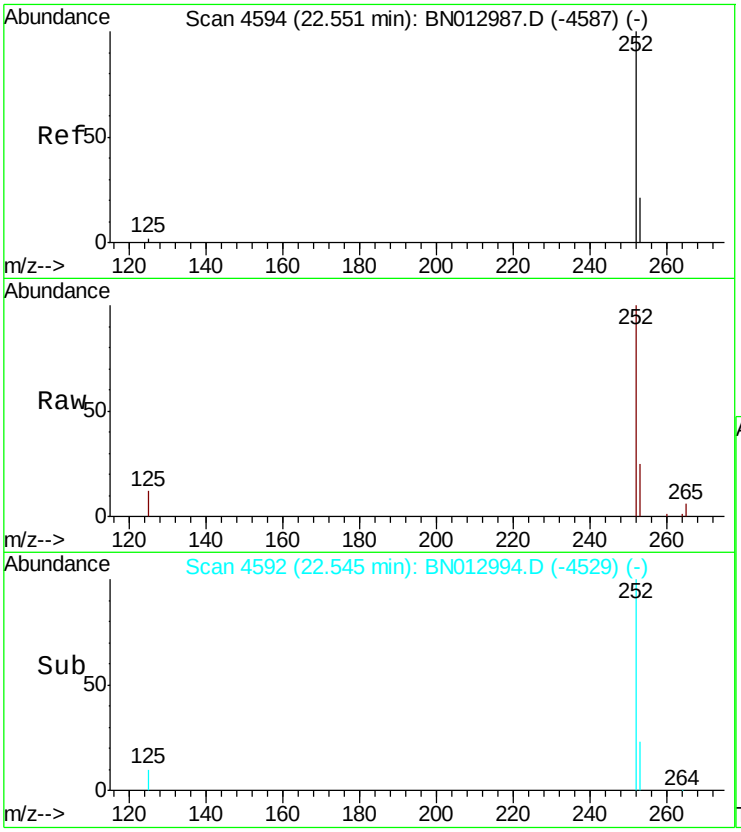


#21
Benzo(b)fluoranthene
Concen: 3.901 ng/ul m
RT: 22.51 min Scan# 4580
Delta R.T. -0.01 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:252 Resp: 58260

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	59.6
125	10.9	0.0	26.0





#22
Benzo(k)fluoranthene
Concen: 1.303 ng/ul m
RT: 22.54 min Scan# 4592
Delta R.T. -0.01 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:252 Resp: 21503

Ion	Ratio	Lower	Upper
252	100		
253	24.6	23.4	35.2
125	11.5	11.1	16.7

Instrument :
BNA_N
ClientSampleId :
C0B98

Manual Integrations APPROVED
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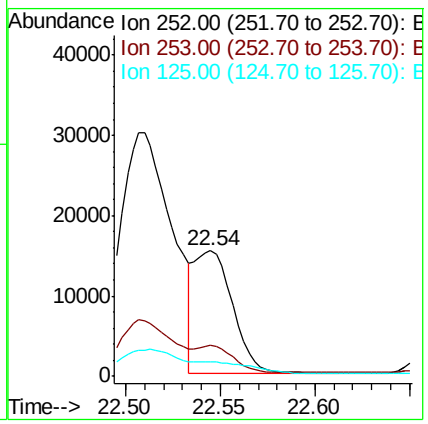
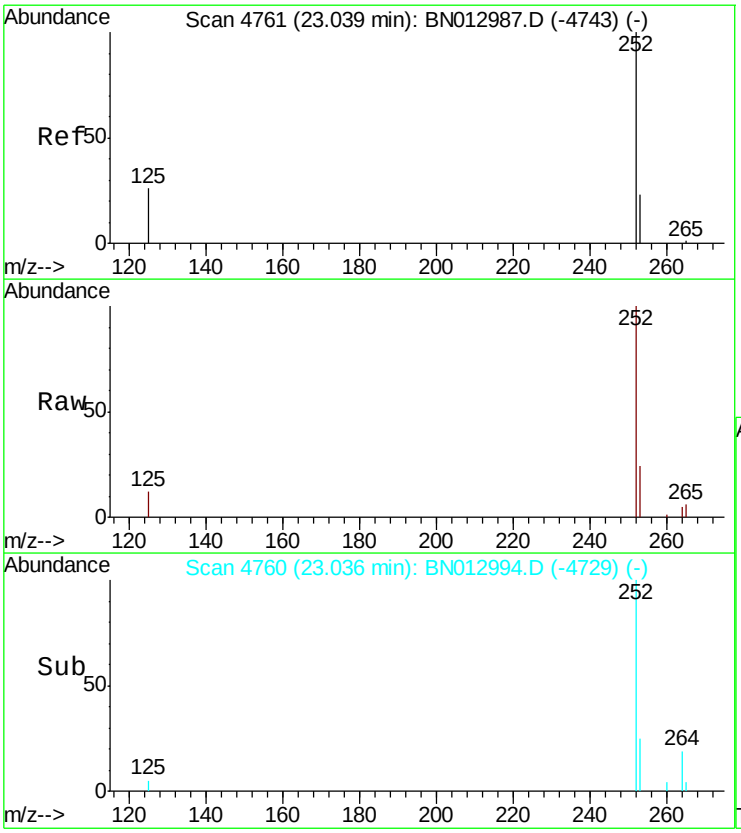
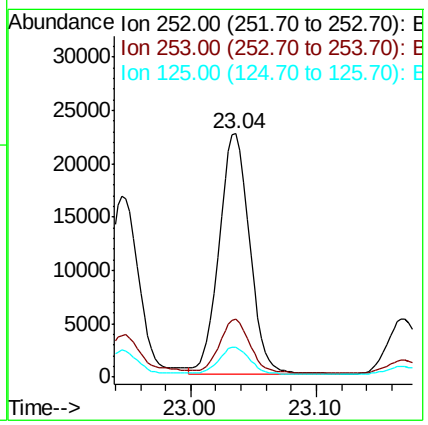


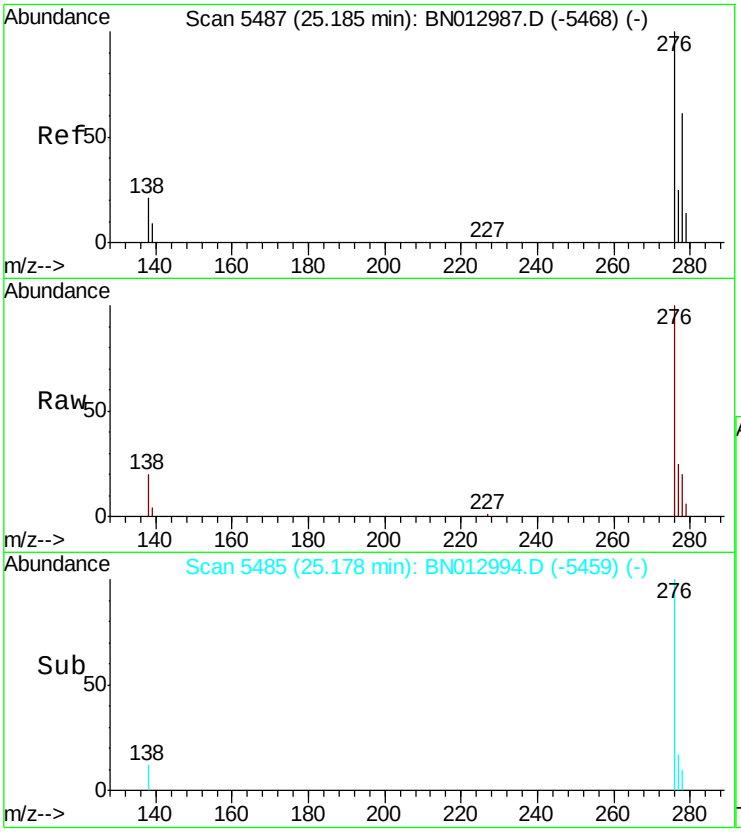


#23
Benzo(a)pyrene
Concen: 2.737 ng/ul m
RT: 23.04 min Scan# 4760
Delta R.T. -0.01 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:252 Resp: 37927

Ion	Ratio	Lower	Upper
252	100		
253	23.7	26.5	39.7#
125	12.2	14.2	21.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.414 ng/ul
RT: 25.18 min Scan# 5485
Delta R.T. -0.01 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:276 Resp: 25738

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

Instrument :
BNA_N
ClientSampleId :
C0B98

Manual Integrations APPROVED
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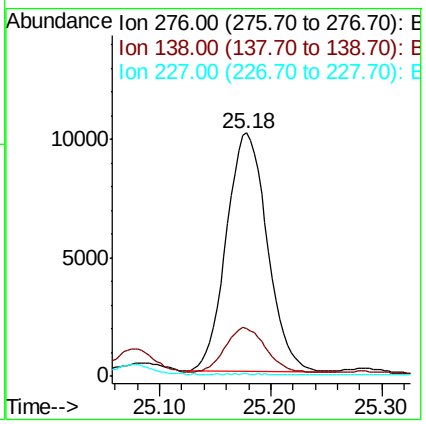
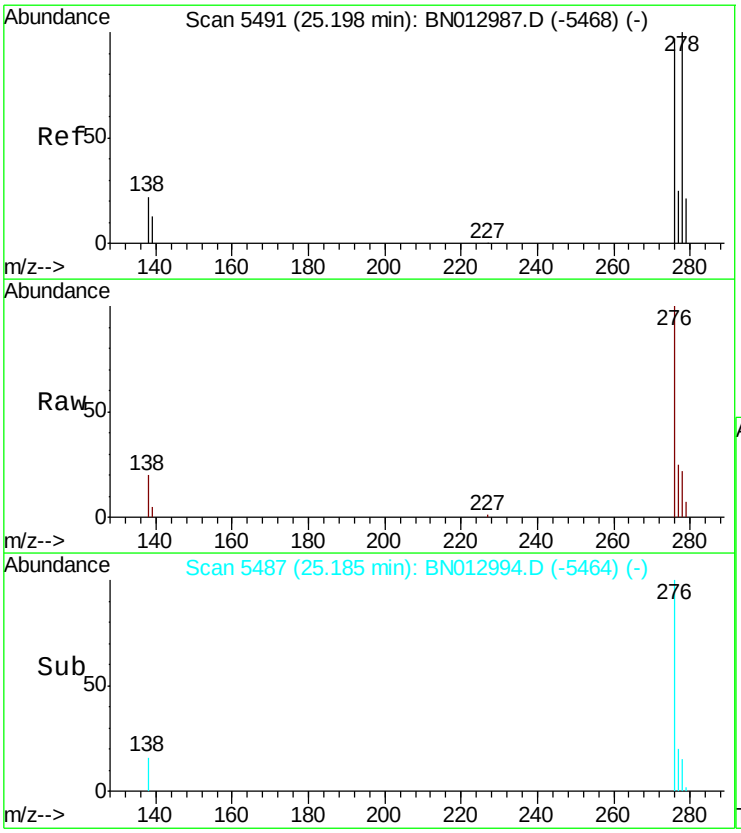
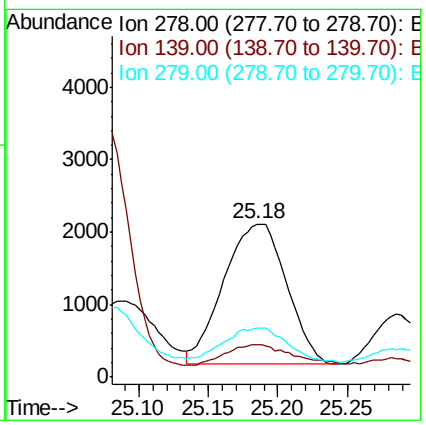


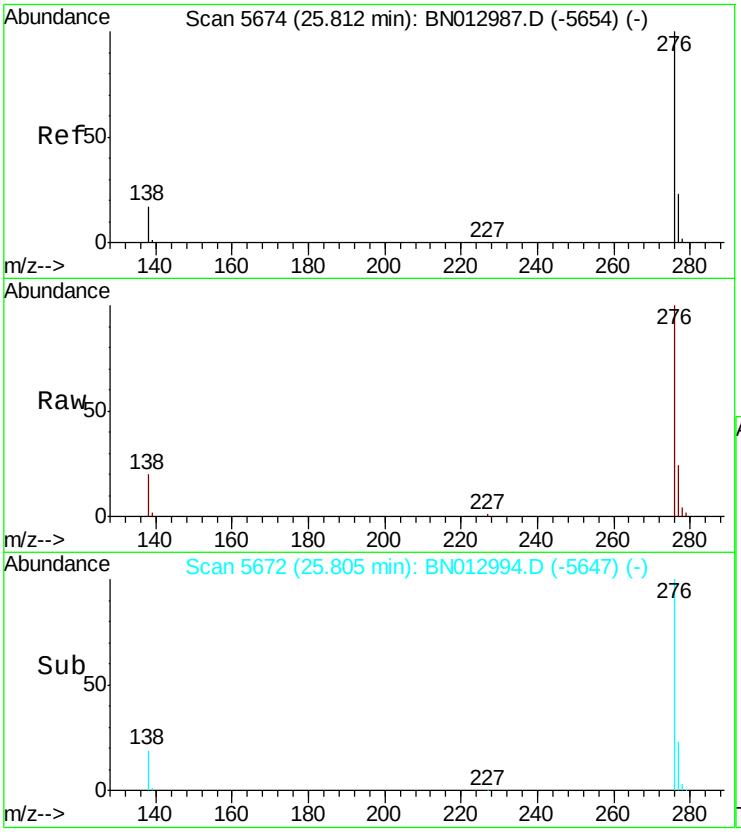


#25
Dibenzo(a,h)anthracene
Concen: 0.423 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.02 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:278 Resp: 6091

Ion	Ratio	Lower	Upper
278	100		
139	21.5	14.5	21.7
279	31.7	26.3	39.5

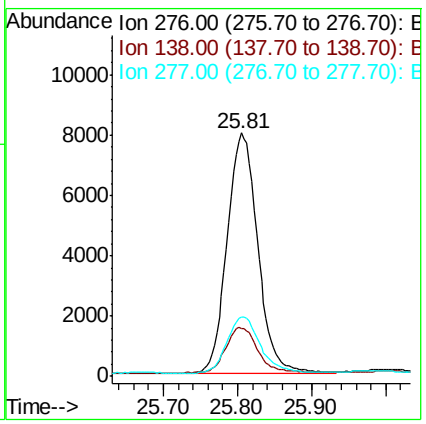




#26
Benzo(g,h,i)perylene
Concen: 1.385 ng/ul
RT: 25.81 min Scan# 5672
Delta R.T. -0.02 min
Lab File: BN012994.D
Acq: 09 Dec 2020 02:53

Tgt Ion:276 Resp: 22805

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.3	24.5
277	24.5	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0B98

Manual Integrations APPROVED
mohammad
12/9/2020 12:25:40 PM