Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012781.D
Acq On : 01 Dec 2020 14:38
Operator : CG/JU
Sample : L4793-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B31

Manual Integrations APPROVED
mohammad
12/2/2020 2:27:30 PM

Quant Time: Dec 01 15:08:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 10:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	814	0.40	ng/ul	0.00
2) Naphthalene-d8	10.19	136	3264	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	1884	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	4184	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4970	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	5788	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	299	0.06	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	768	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.24	128	1076	0.110	ng/ul#	92
5) 2-Methylnaphthalene	11.87	142	508	0.081	ng/ul	99
7) Acenaphthylene	13.80	152	701	0.076	ng/ul#	82
8) Acenaphthene	14.14	153	1804	0.233	ng/ul	99
9) Fluorene	15.14	166	2413	0.283	ng/ul	98
11) Pentachlorophenol	16.50	266	49	0.037	ng/ul	91
12) Phenanthrene	16.88	178	91035	6.253	ng/ul	95
13) Anthracene	16.97	178	13522	1.068	ng/ul	96
15) Fluoranthene	18.91	202	460278	27.384	ng/ul	96
17) Pyrene	19.27	202	445670	20.047	ng/ul	98
18) Benzo(a)anthracene	21.04	228	324411	18.215	ng/ul	98
19) Chrysene	21.09	228	394372	17.727	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	695551m	26.122	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	217940m	7.098	ng/ul	
23) Benzo(a)pyrene	23.07	252	360241	14.376	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.24	276	338924	10.343	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.24	278	83988m	3.190	ng/ul	
26) Benzo(g,h,i)perylene	25.87	276	282324	9.573	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012781.D
Acq On : 01 Dec 2020 14:38
Operator : CG/JU
Sample : L4793-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 01 15:08:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 10:54:12 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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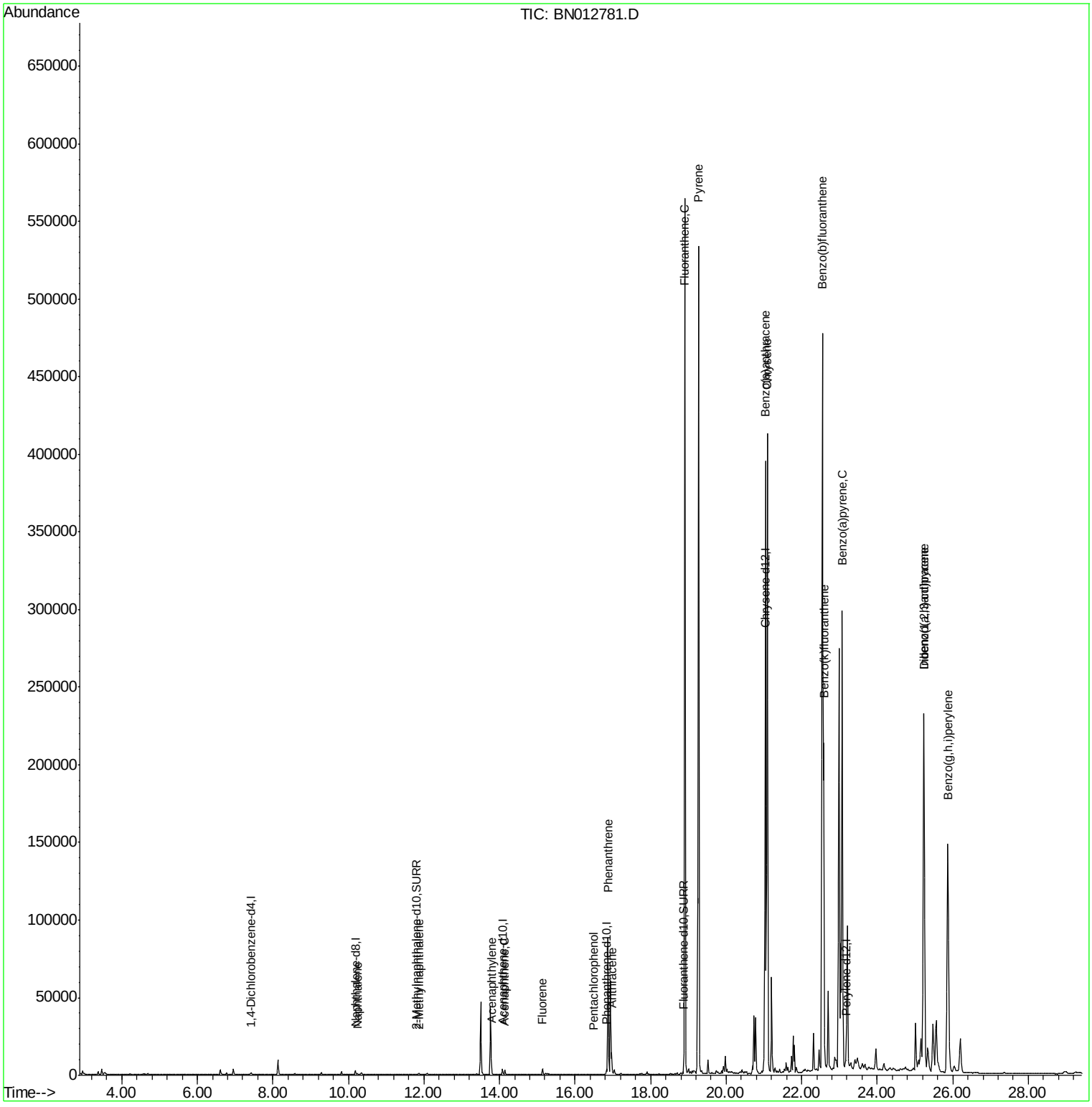

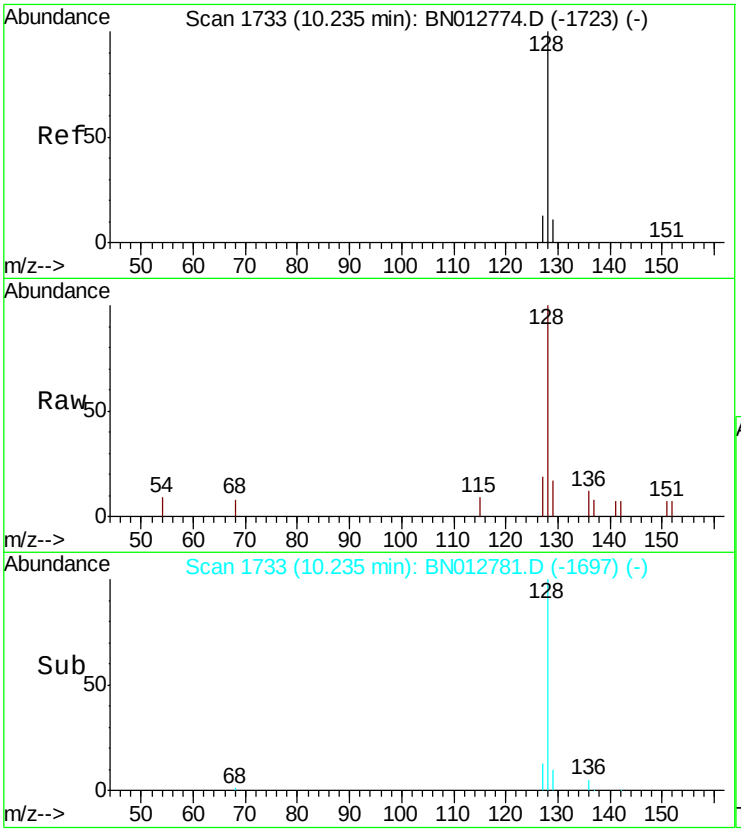

#3
Naphthalene
Concen: 0.110 ng/ul
RT: 10.24 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:128 Resp: 1076

Ion	Ratio	Lower	Upper
128	100		
129	17.1	11.2	16.8#
127	18.7	12.5	18.7#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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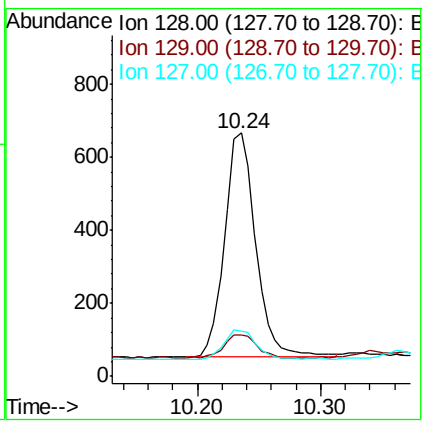
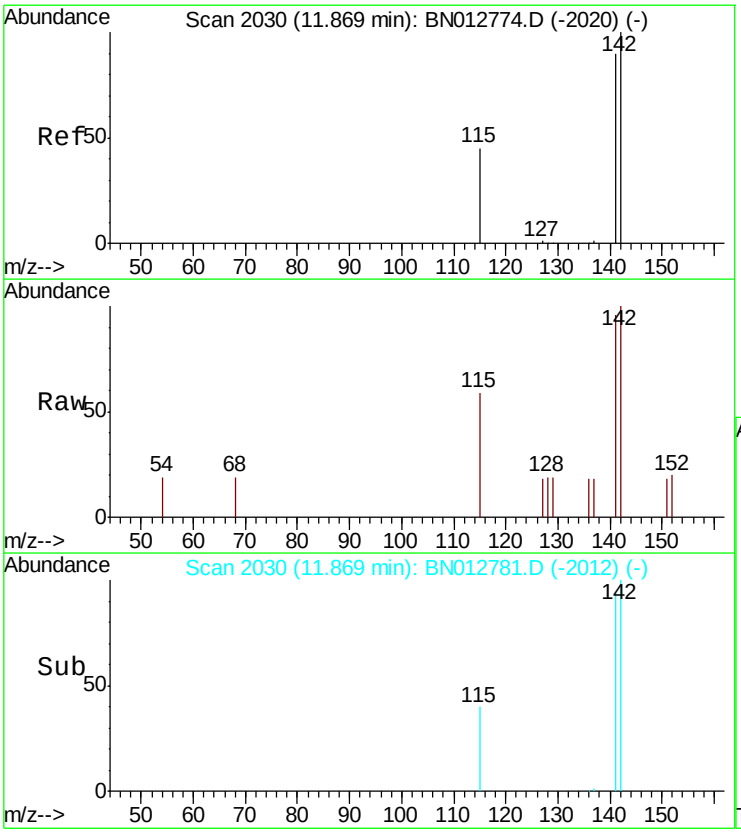
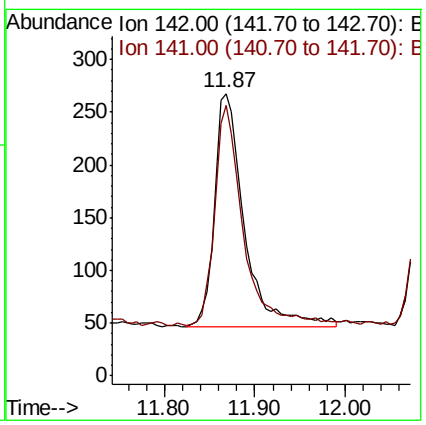


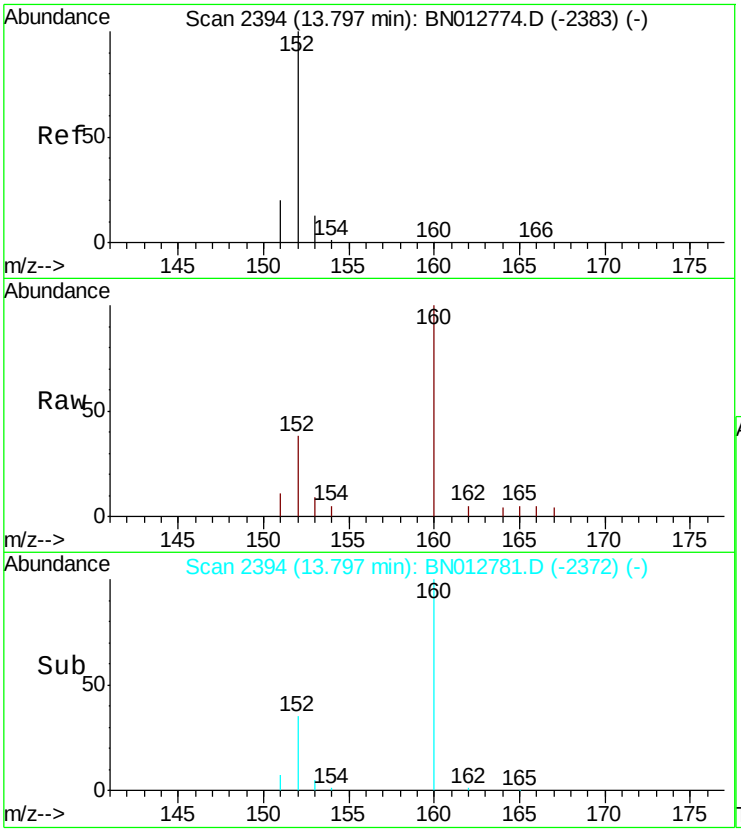


#5
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 11.87 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:142 Resp: 508

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.3	108.5

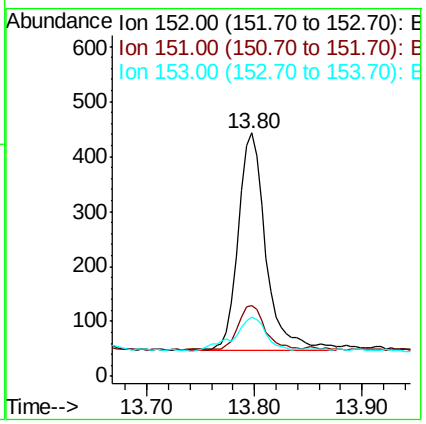




#7
Acenaphthylene
Concen: 0.076 ng/ul
RT: 13.80 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:152 Resp: 701

Ion	Ratio	Lower	Upper
152	100		
151	29.1	17.1	25.7#
153	24.6	12.6	19.0#



Instrument :
BNA_N
ClientSampleId :
C0B31

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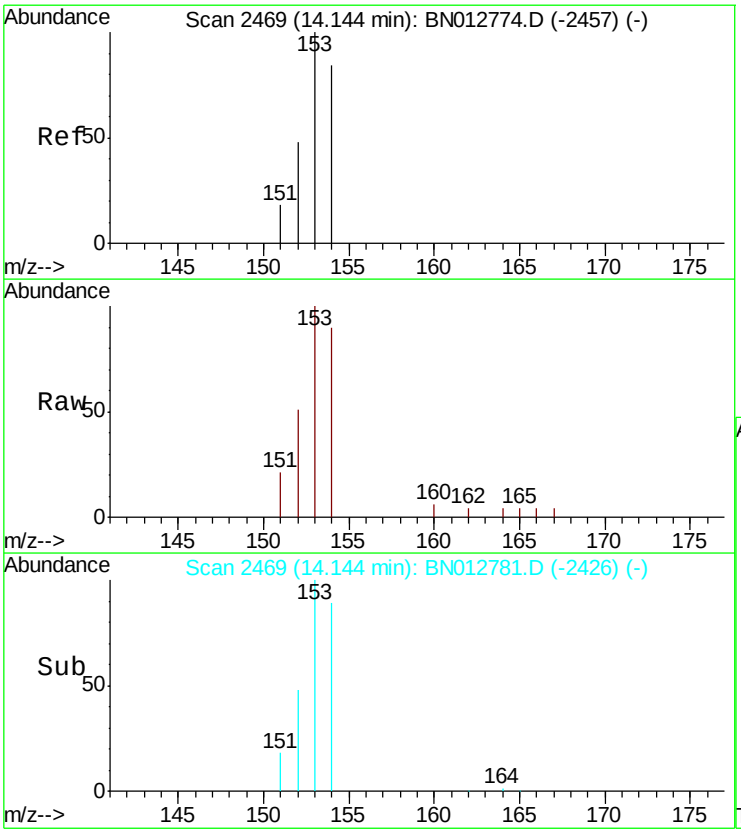
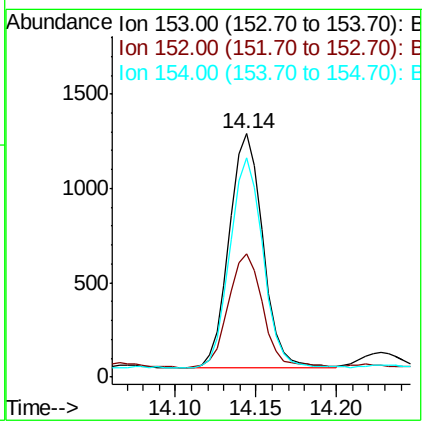
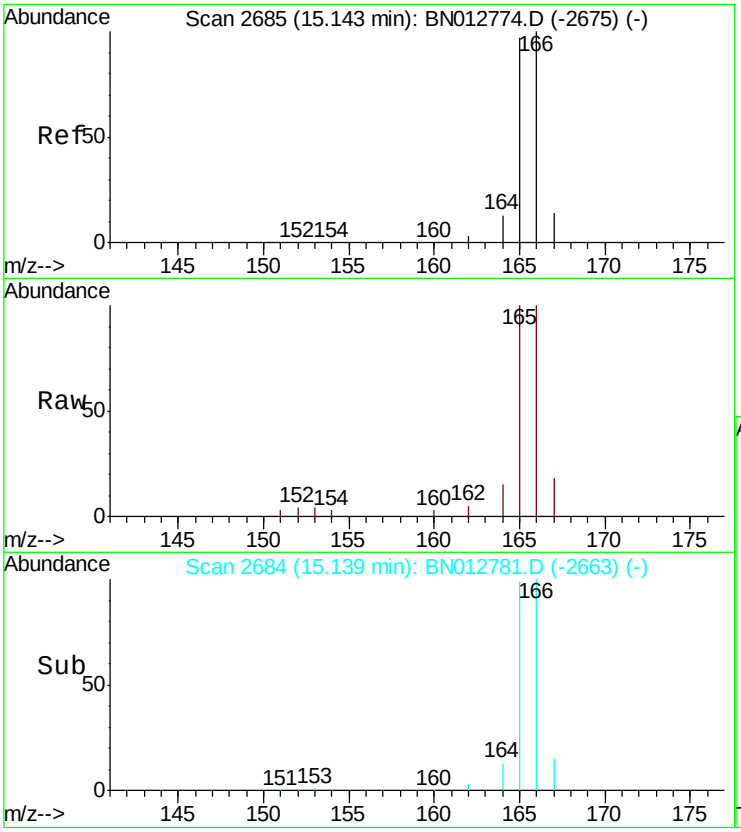


#8
Acenaphthene
Concen: 0.233 ng/ul
RT: 14.14 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:153 Resp: 1804

Ion	Ratio	Lower	Upper
153	100		
152	50.7	41.4	62.0
154	89.9	70.9	106.3

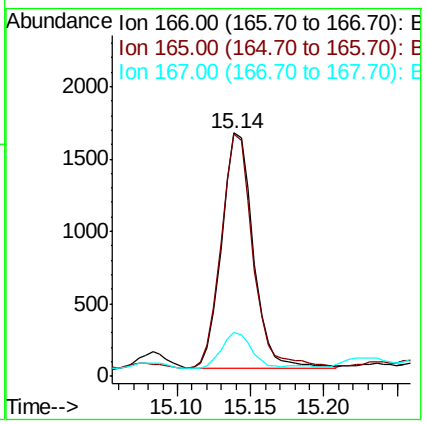




#9
Fluorene
Concen: 0.283 ng/ul
RT: 15.14 min Scan# 2684
Delta R.T. -0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:166 Resp: 2413

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.5	117.7
167	18.0	12.7	19.1



Instrument :
BNA_N
ClientSampleId :
C0B31

Manual Integrations APPROVED
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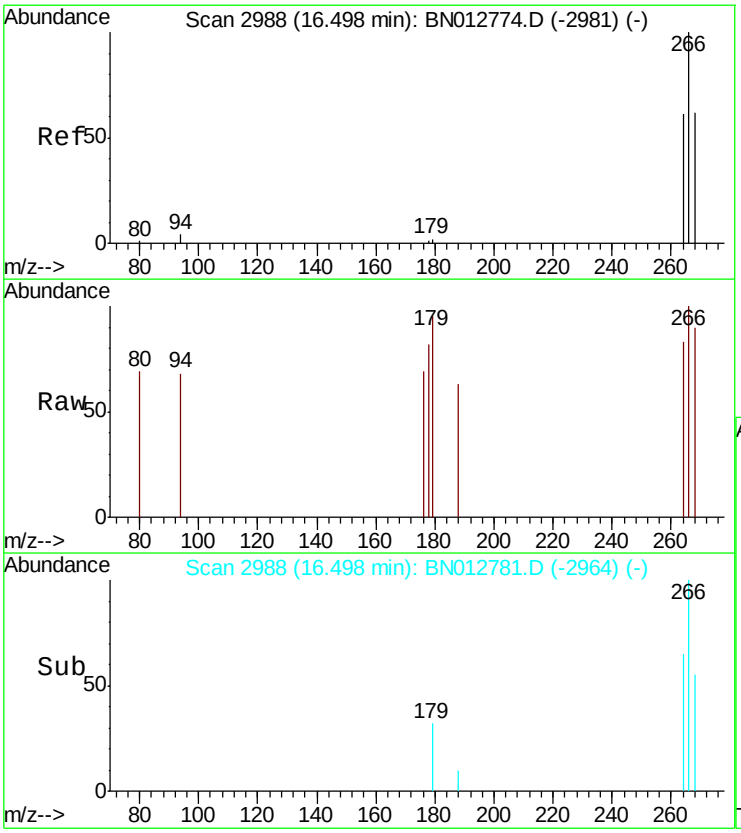
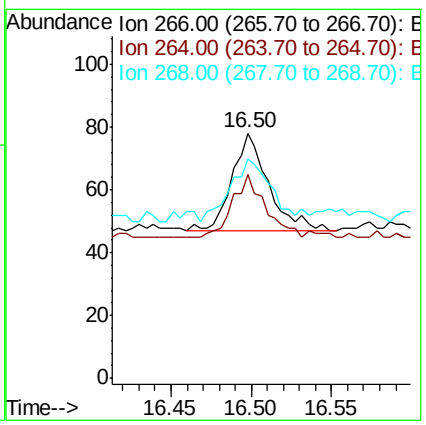
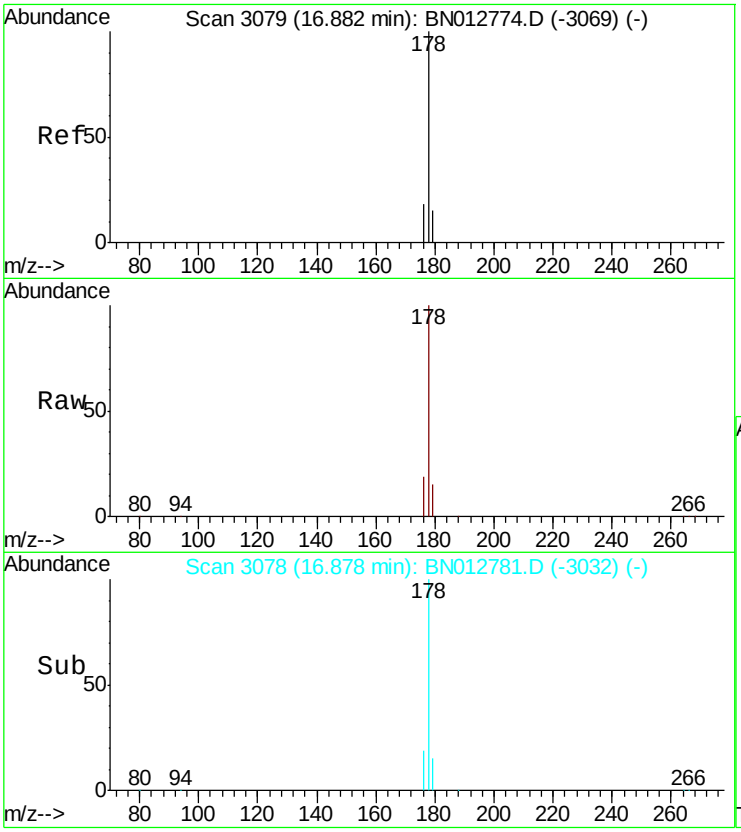


#11
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 16.50 min Scan# 2988
Delta R.T. 0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:266 Resp: 49

Ion	Ratio	Lower	Upper
266	100		
264	65.3	51.0	76.6
268	71.4	47.8	71.6

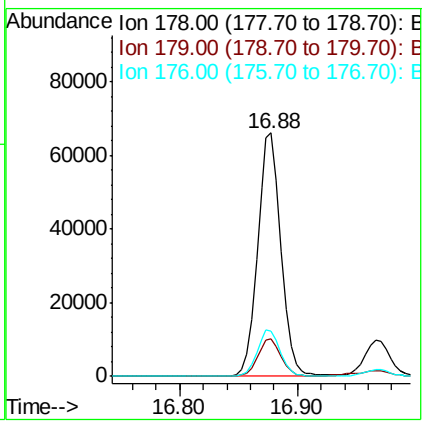




#12
Phenanthrene
Concen: 6.253 ng/ul
RT: 16.88 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:178 Resp: 91035

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.8	20.6
176	18.8	16.7	25.1



Instrument :
BNA_N
ClientSampleId :
C0B31

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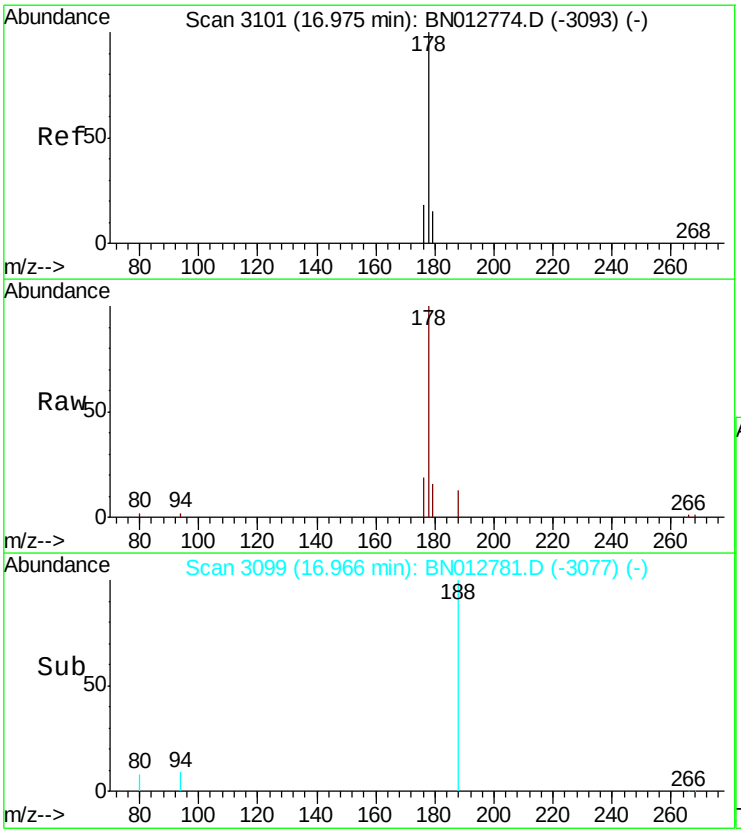
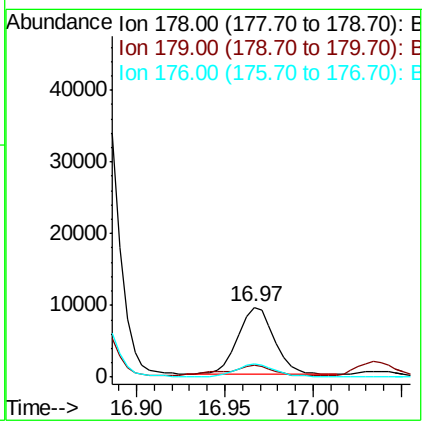
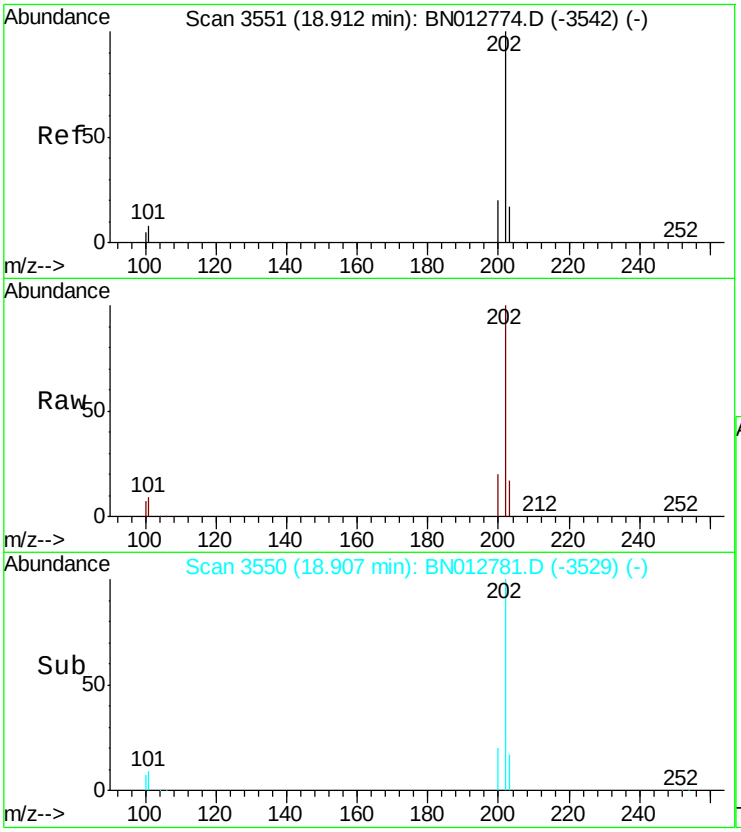


#13
Anthracene
Concen: 1.068 ng/ul
RT: 16.97 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:178 Resp: 13522

Ion	Ratio	Lower	Upper
178	100		
179	16.3	14.8	22.2
176	19.0	16.3	24.5

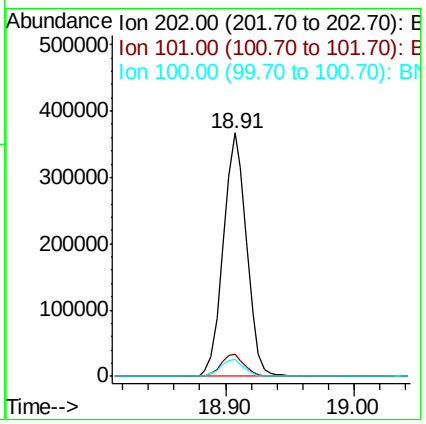




#15
Fluoranthene
Concen: 27.384 ng/ul
RT: 18.91 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:202 Resp: 460278

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.5
100	7.0	0.0	28.4



Instrument :
BNA_N
ClientSampleId :
C0B31

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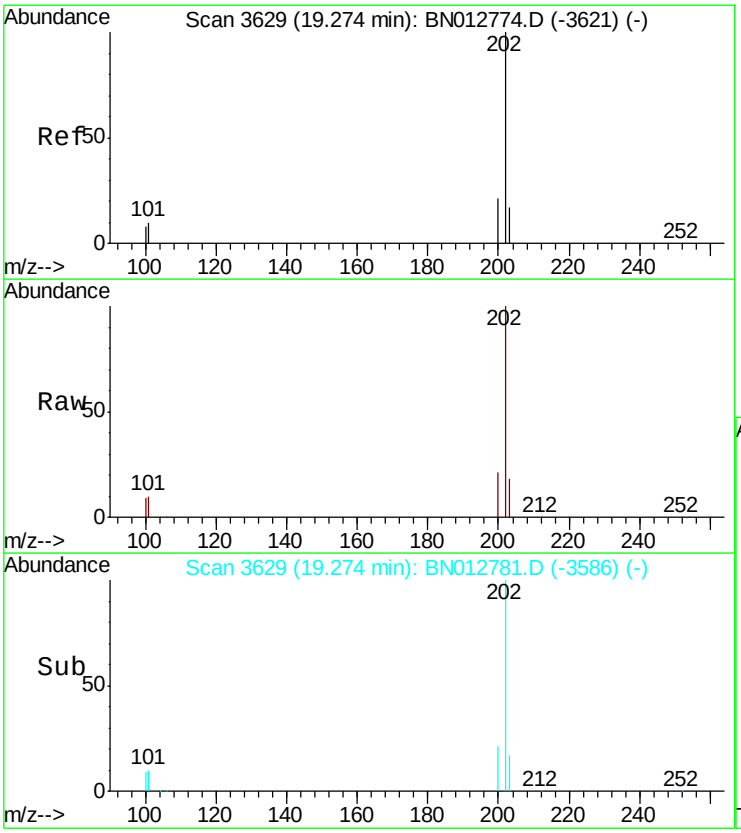
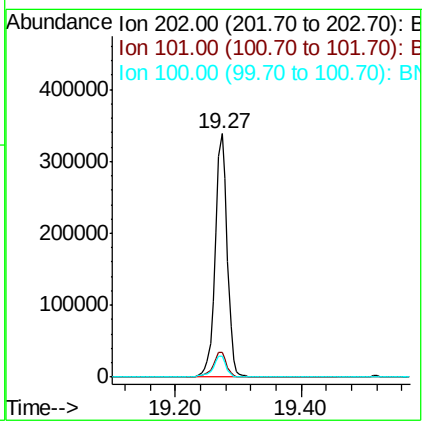
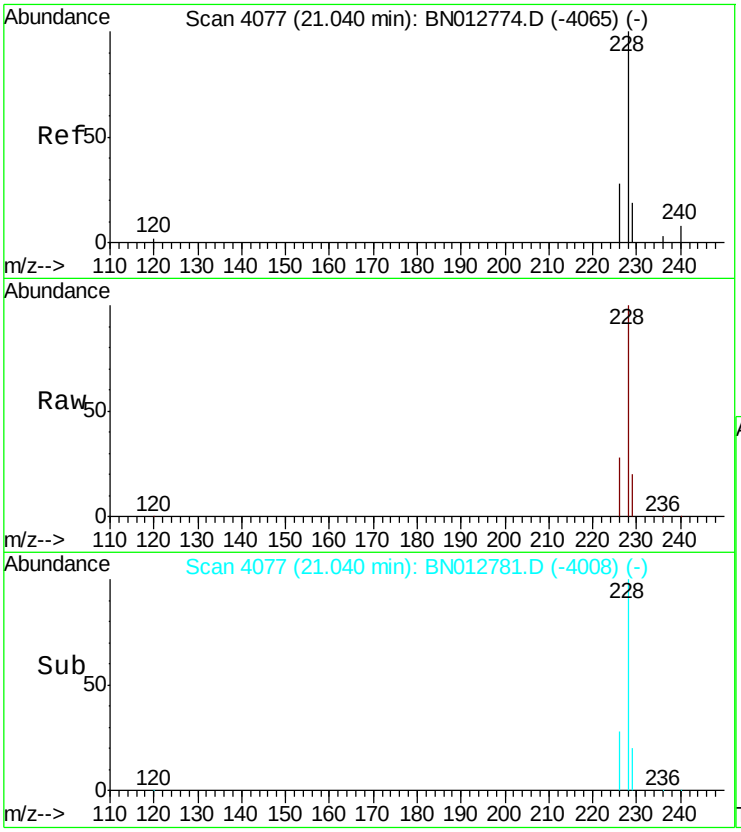


#17
Pyrene
Concen: 20.047 ng/ul
RT: 19.27 min Scan# 3629
Delta R.T. 0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:202 Resp: 445670

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.9	13.3
100	8.6	7.4	11.2

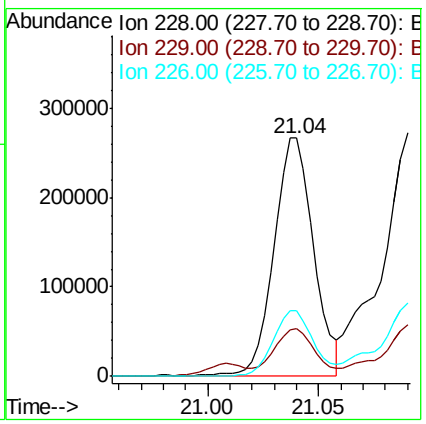




#18
Benzo(a)anthracene
Concen: 18.215 ng/ul
RT: 21.04 min Scan# 4077
Delta R.T. 0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:228 Resp: 324411

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.9	25.3
226	27.6	23.1	34.7



Instrument :
BNA_N
ClientSampleId :
C0B31

Manual Integrations APPROVED
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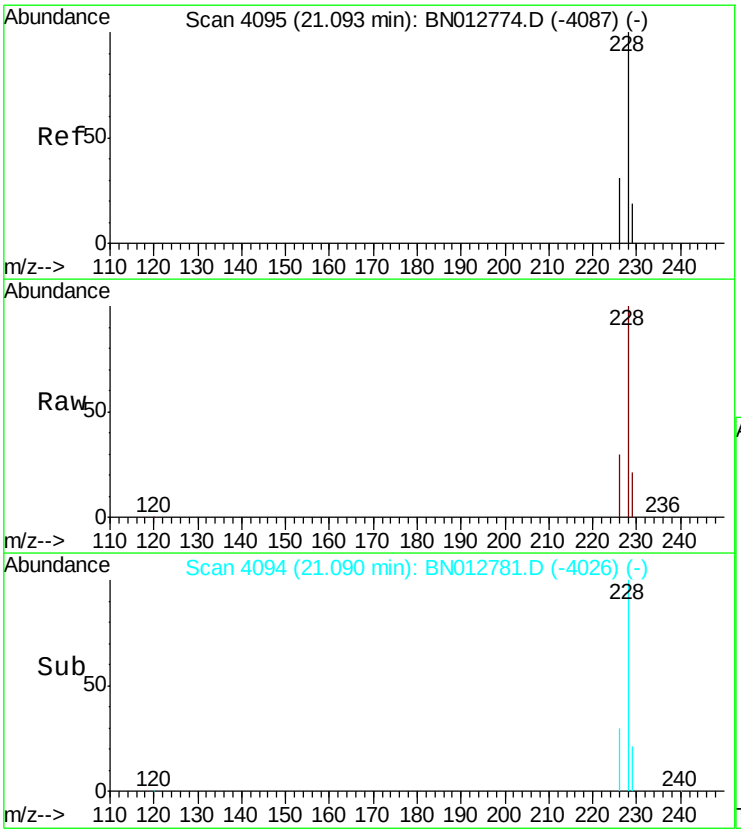
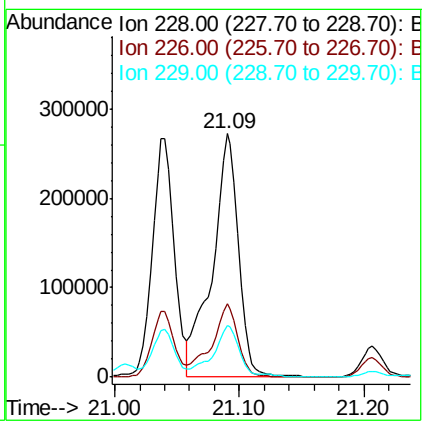
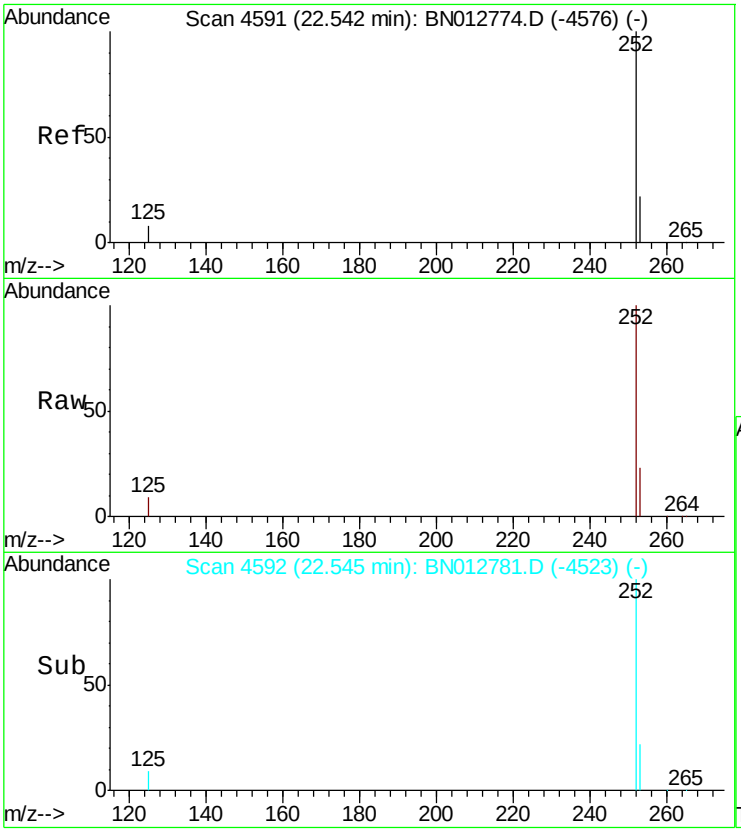


#19
Chrysene
Concen: 17.727 ng/ul
RT: 21.09 min Scan# 4094
Delta R.T. -0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:228 Resp: 394372

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	21.2	16.1	24.1

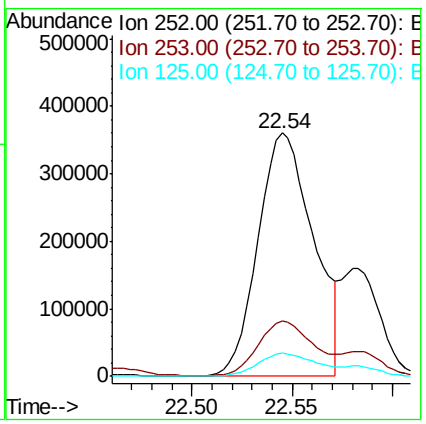




#21
Benzo(b)fluoranthene
Concen: 26.122 ng/ul m
RT: 22.54 min Scan# 4592
Delta R.T. 0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:252 Resp: 695551

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	58.4
125	9.5	0.0	28.6



Instrument :
BNA_N
ClientSampleId :
C0B31

Manual Integrations APPROVED
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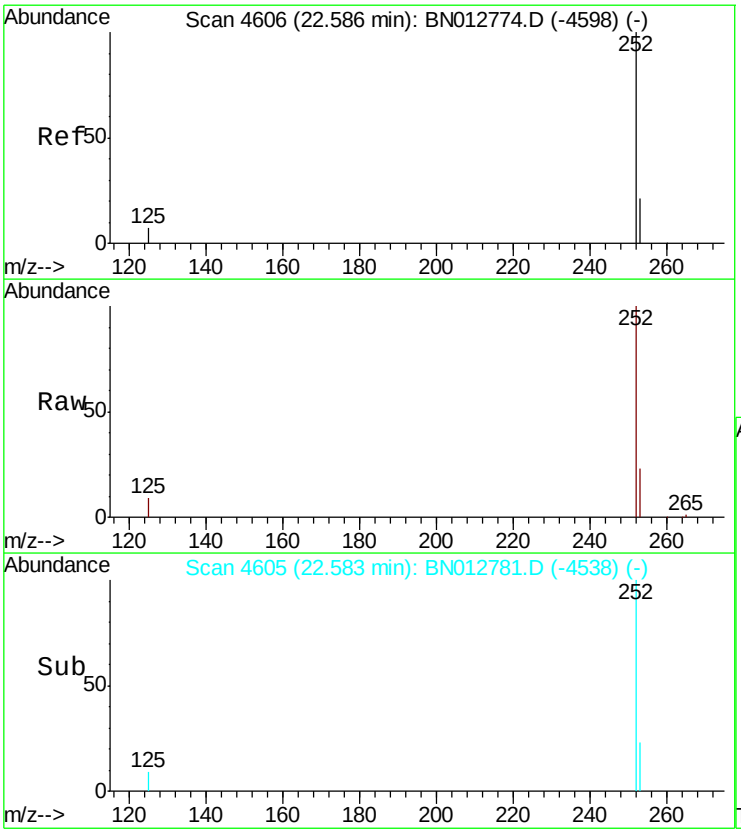
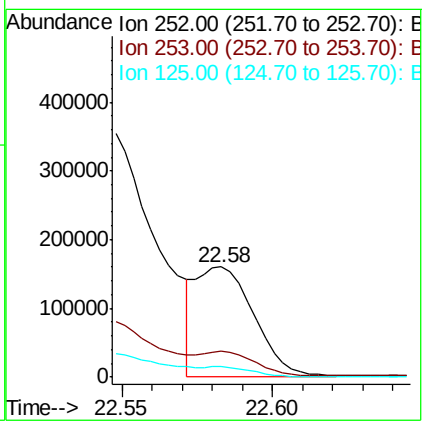
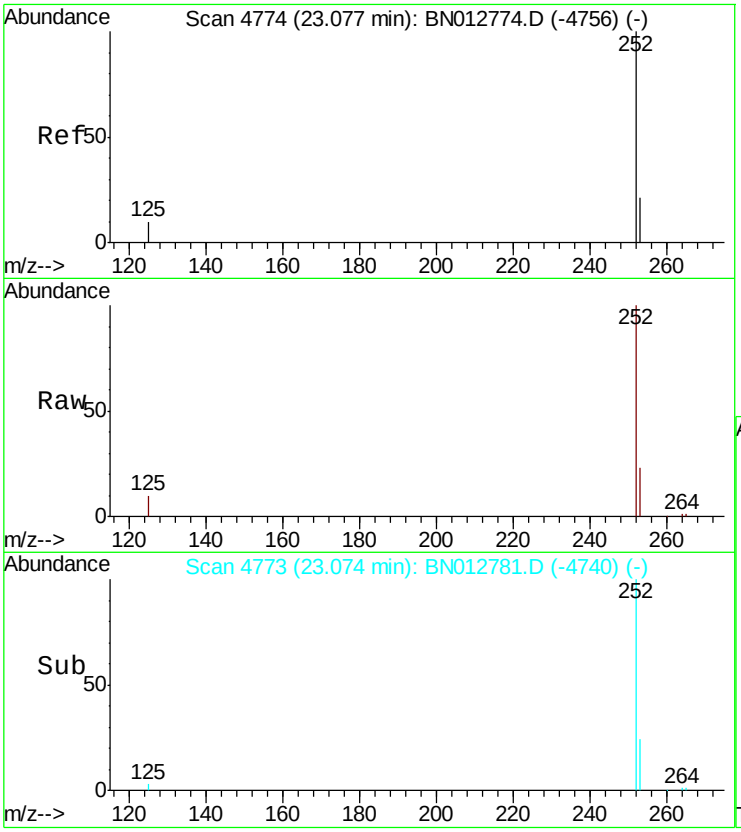


#22
Benzo(k)fluoranthene
Concen: 7.098 ng/ul m
RT: 22.58 min Scan# 4605
Delta R.T. -0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:252 Resp: 217940

Ion	Ratio	Lower	Upper
252	100		
253	23.3	23.4	35.2#
125	9.3	10.2	15.2#





#23
Benzo(a)pyrene
Concen: 14.376 ng/ul
RT: 23.07 min Scan# 4773
Delta R.T. -0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:252 Resp: 360241

Ion	Ratio	Lower	Upper
252	100		
253	22.7	27.6	41.4#
125	10.1	17.0	25.4#

Instrument :
BNA_N
ClientSampleId :
C0B31

Manual Integrations APPROVED
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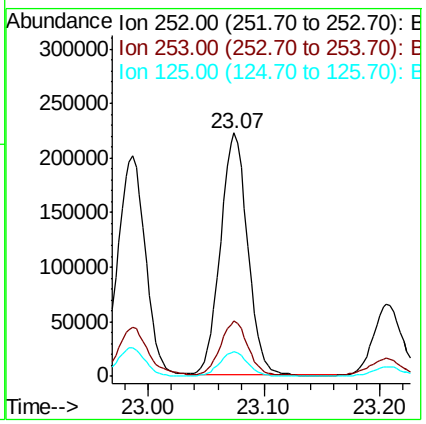
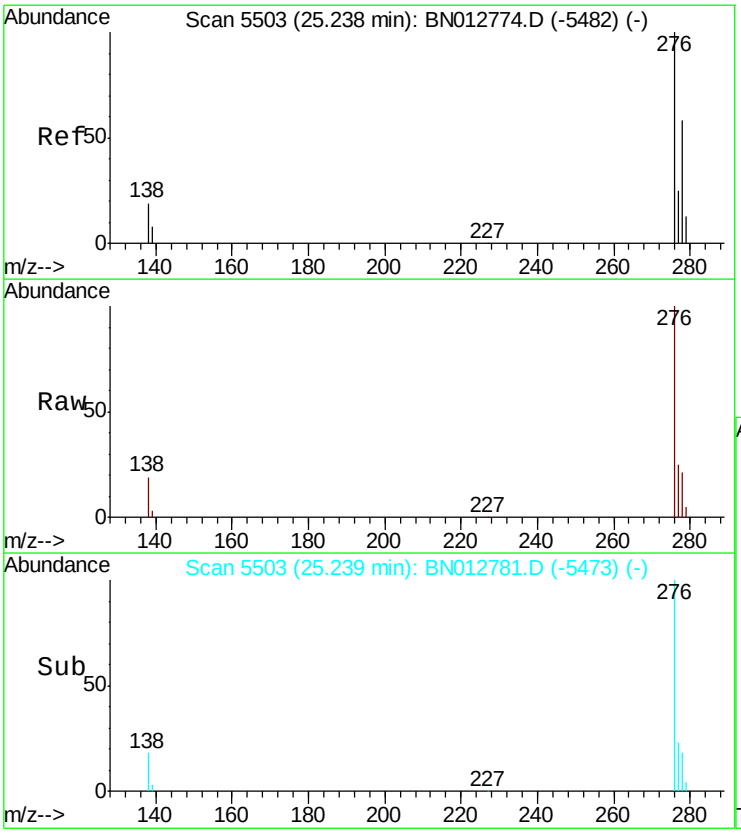
12/2/2020 2:27:30 PM

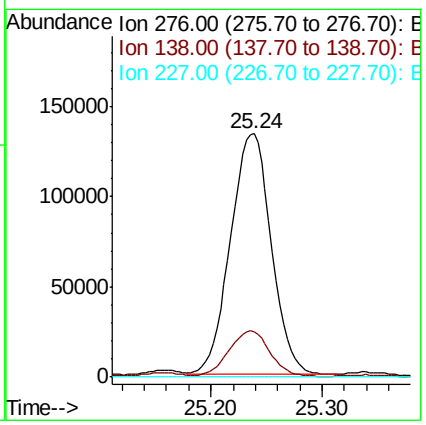


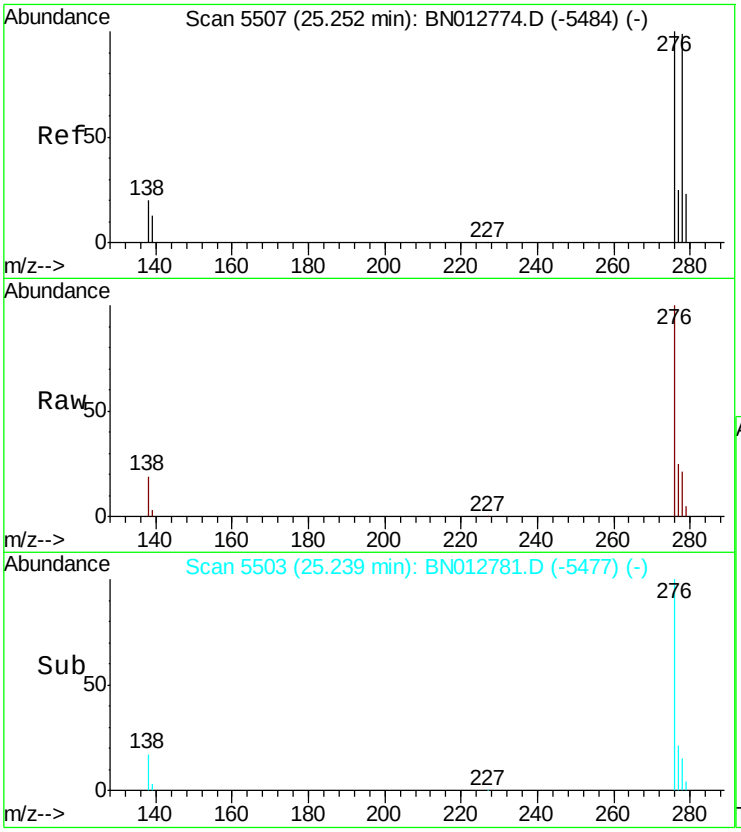


#24
Indeno(1,2,3-cd)pyrene
Concen: 10.343 ng/ul
RT: 25.24 min Scan# 5503
Delta R.T. 0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:276 Resp: 338924

Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.5	24.7
227	0.2	0.1	0.1#





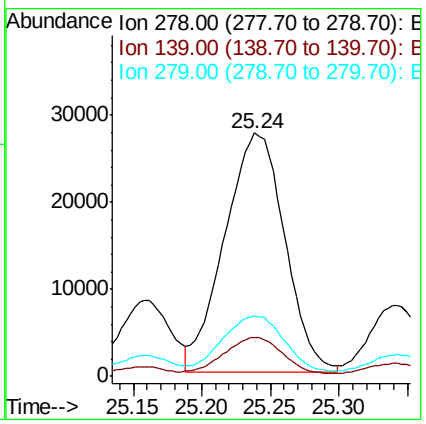
#25
Dibenzo(a,h)anthracene
Concen: 3.190 ng/ul m
RT: 25.24 min Scan# 5503
Delta R.T. -0.01 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

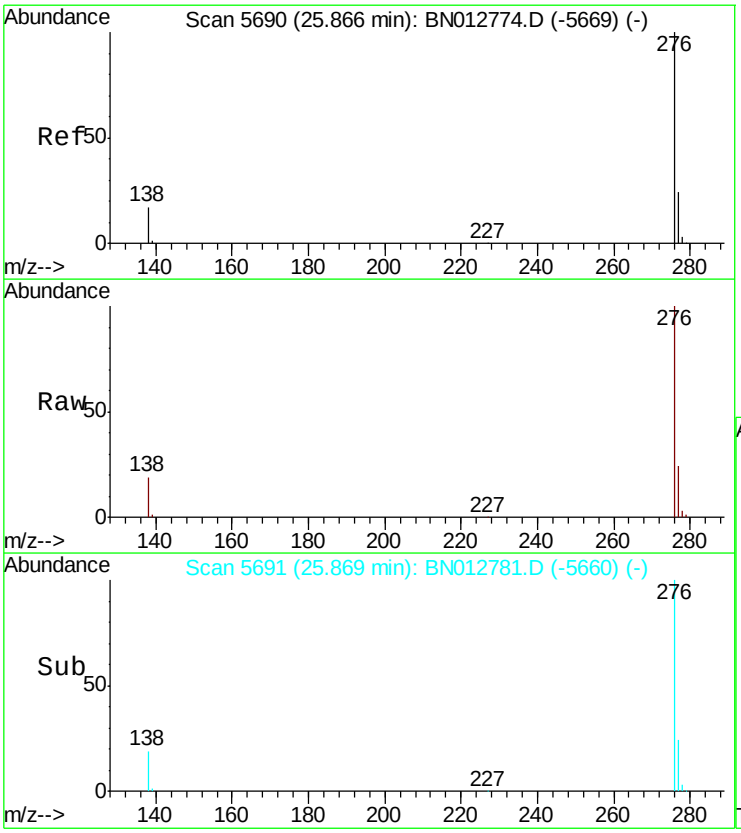
Tgt Ion:278 Resp: 83988

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.8	20.8
279	24.9	25.6	38.4#

Instrument :
BNA_N
ClientSampleId :
C0B31

Manual Integrations APPROVED
mohammad
12/2/2020 2:27:30 PM





#26
Benzo(g,h,i)perylene
Concen: 9.573 ng/ul
RT: 25.87 min Scan# 5691
Delta R.T. 0.00 min
Lab File: BN012781.D
Acq: 01 Dec 2020 14:38

Tgt Ion:276 Resp: 282324

Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.3	24.5
277	24.3	21.8	32.8