Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101420\

Quantitation Report (QT Reviewed)

Data File : BN012244.D
Acq On : 15 Oct 2020 22:49
Operator : CG/JU
Sample : L4235-10
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AK7

Manual Integrations APPROVED
mohammad
10/19/2020 1:20:18 PM

Quant Time: Oct 16 02:15:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 01:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1703	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7035	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4101	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8461	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7316	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7479	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1524	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3356	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	544	0.027	ng/ul#	74
5) 2-Methylnaphthalene	12.07	142	304	0.024	ng/ul	100
7) Acenaphthylene	13.98	152	783	0.044	ng/ul#	83
8) Acenaphthene	14.32	153	665	0.044	ng/ul	95
9) Fluorene	15.31	166	875	0.052	ng/ul#	97
12) Phenanthrene	17.05	178	25762	0.955	ng/ul	98
13) Anthracene	17.14	178	2294	0.099	ng/ul#	91
15) Fluoranthene	19.07	202	46207	1.465	ng/ul	97
17) Pyrene	19.44	202	35603	1.079	ng/ul	99
18) Benzo(a)anthracene	21.19	228	11907	0.439	ng/ul	98
19) Chrysene	21.24	228	23012	0.697	ng/ul	99
21) Benzo(b)fluoranthene	22.74	252	30093m	0.996	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	9326m	0.279	ng/ul	
23) Benzo(a)pyrene	23.30	252	15518	0.528	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.57	276	13353	0.354	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	3223	0.107	ng/ul#	77
26) Benzo(g,h,i)perylene	26.24	276	12010	0.347	ng/ul	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101420\

Quantitation Report (QT Reviewed)

Data File : BN012244.D
Acq On : 15 Oct 2020 22:49
Operator : CG/JU
Sample : L4235-10
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Oct 16 02:15:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 01:19:50 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK7

Manual Integrations APPROVED
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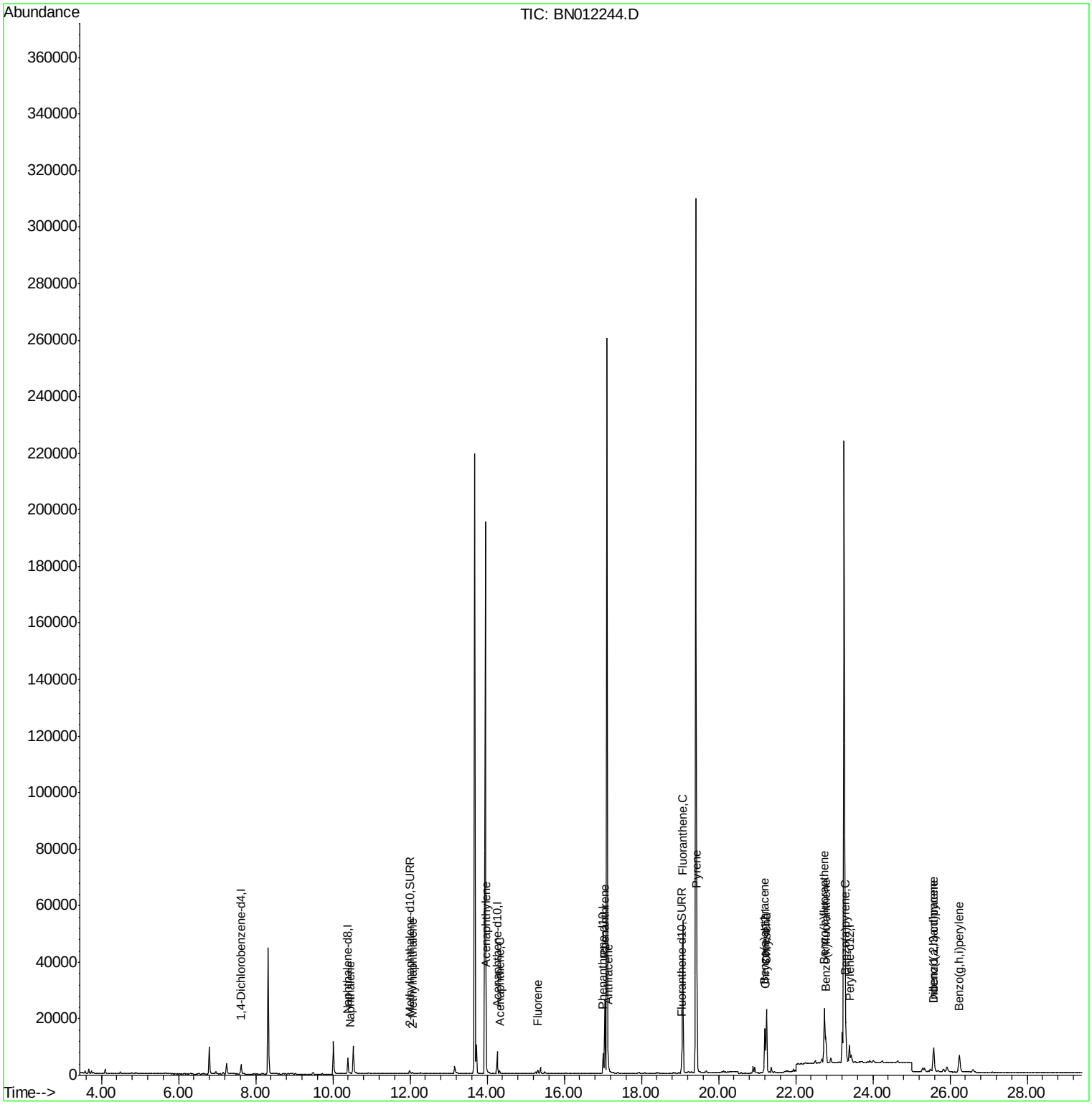

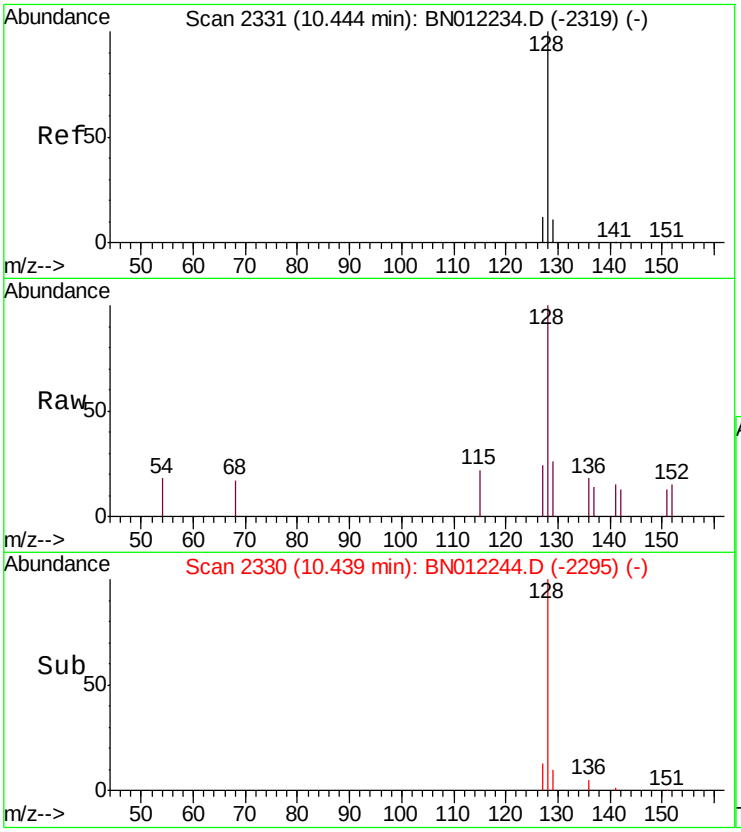

#3
Naphthalene
Concen: 0.027 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:128 Resp: 544

Ion	Ratio	Lower	Upper
128	100		
129	25.6	10.3	15.5#
127	23.8	11.9	17.9#

Instrument :
BNA_N
ClientSampleId :
C0AK7

Manual Integrations APPROVED
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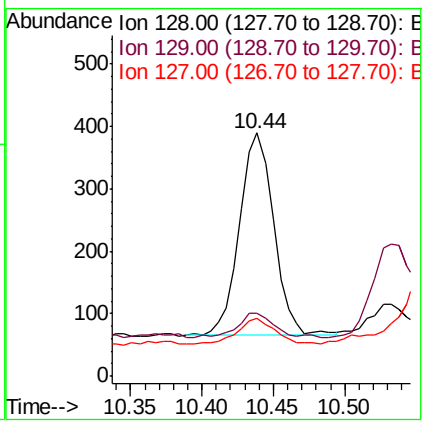
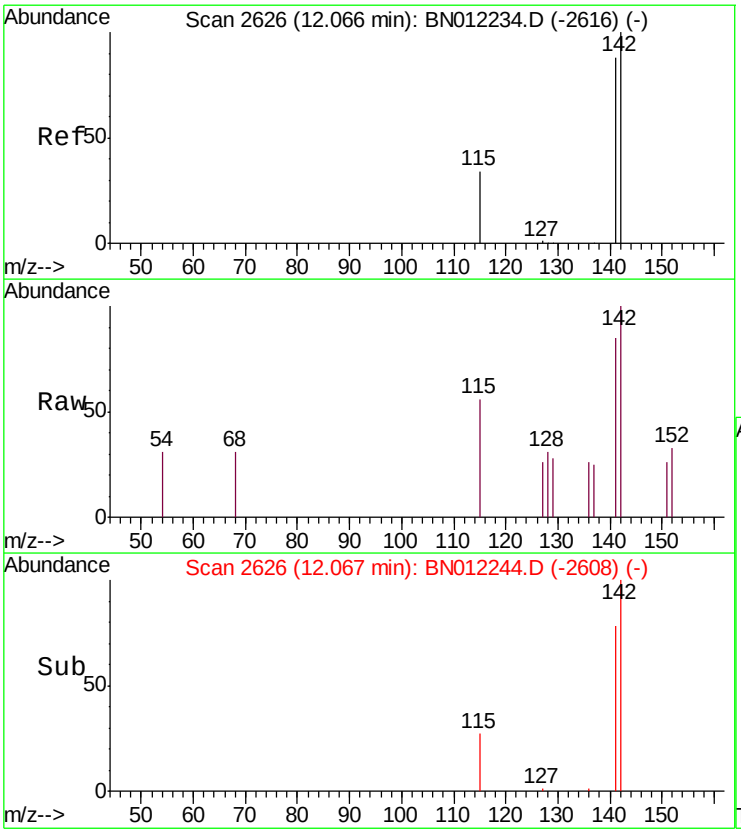
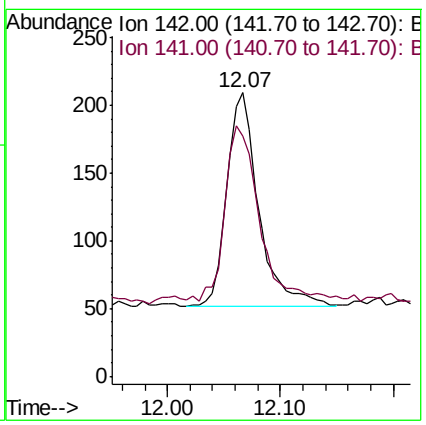


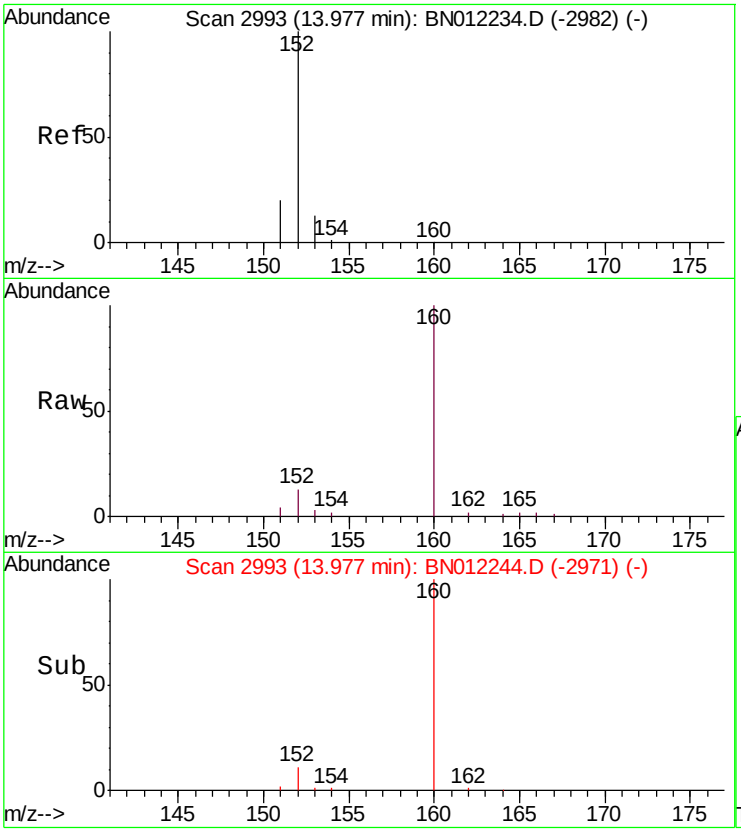


#5
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:142 Resp: 304

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.7	107.5





#7
Acenaphthylene
Concen: 0.044 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. 0.00 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:152 Resp: 783

Ion	Ratio	Lower	Upper
152	100		
151	28.1	16.7	25.1#
153	22.6	11.8	17.8#

Instrument :
BNA_N
ClientSampleId :
C0AK7

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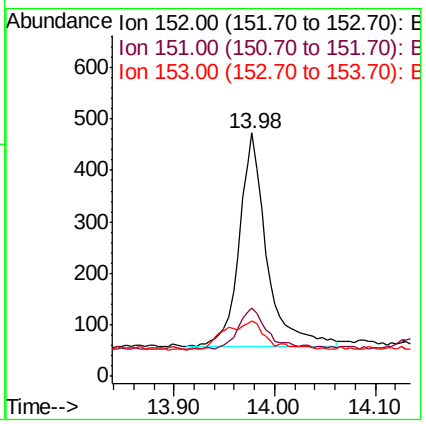
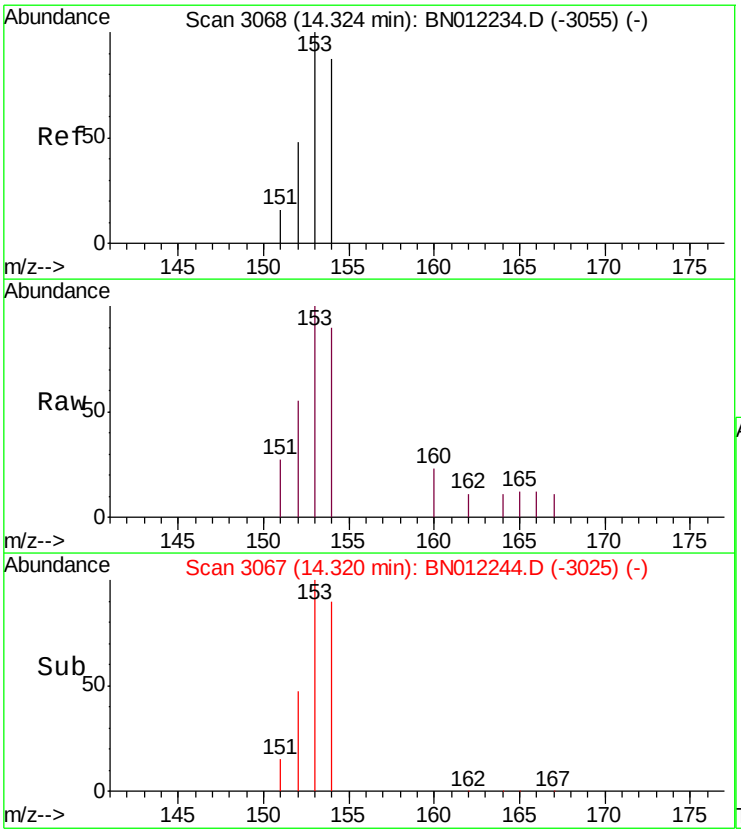
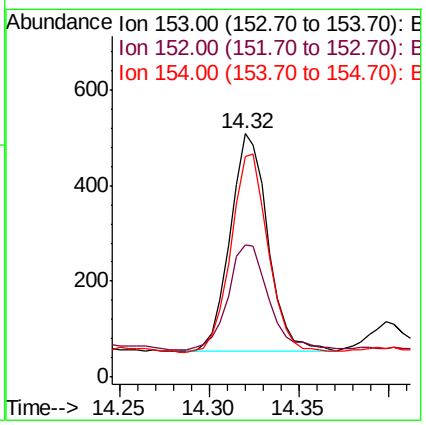


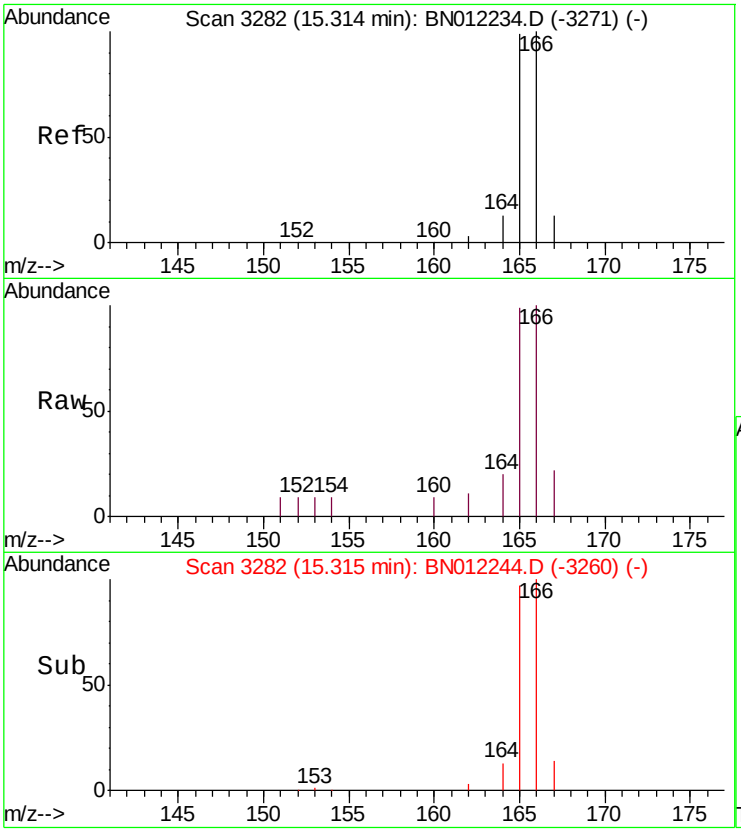


#8
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.00 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:153 Resp: 665

Ion	Ratio	Lower	Upper
153	100		
152	54.5	38.2	57.2
154	90.4	71.1	106.7

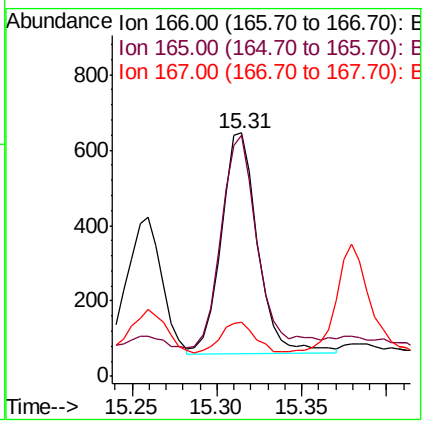




#9
Fluorene
Concen: 0.052 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. 0.00 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:166 Resp: 875

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	118.0
167	22.1	11.9	17.9#



Instrument :
BNA_N
ClientSampleId :
C0AK7

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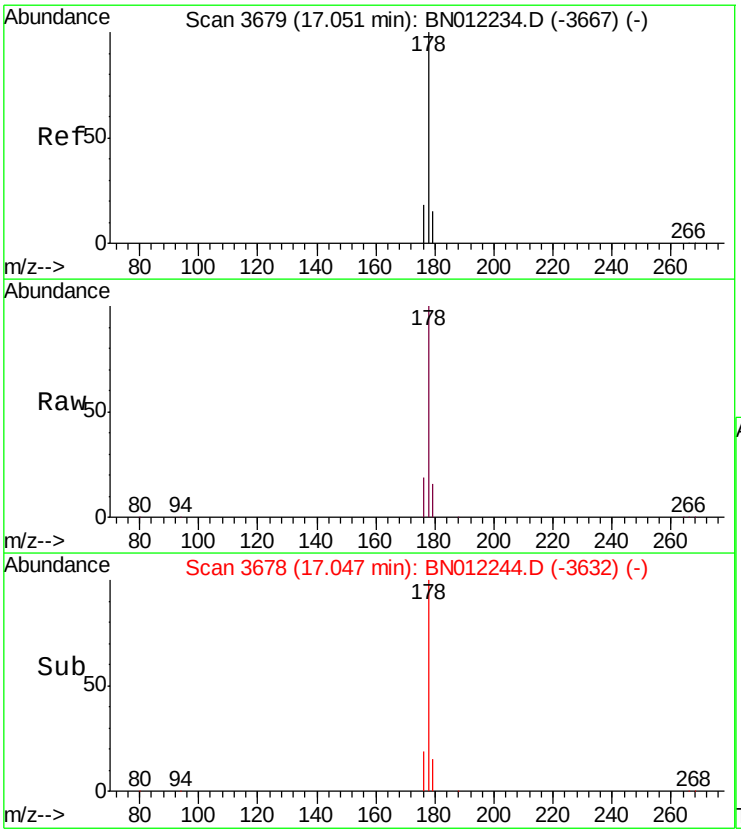
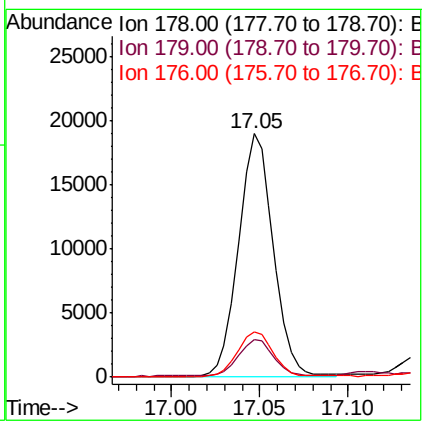
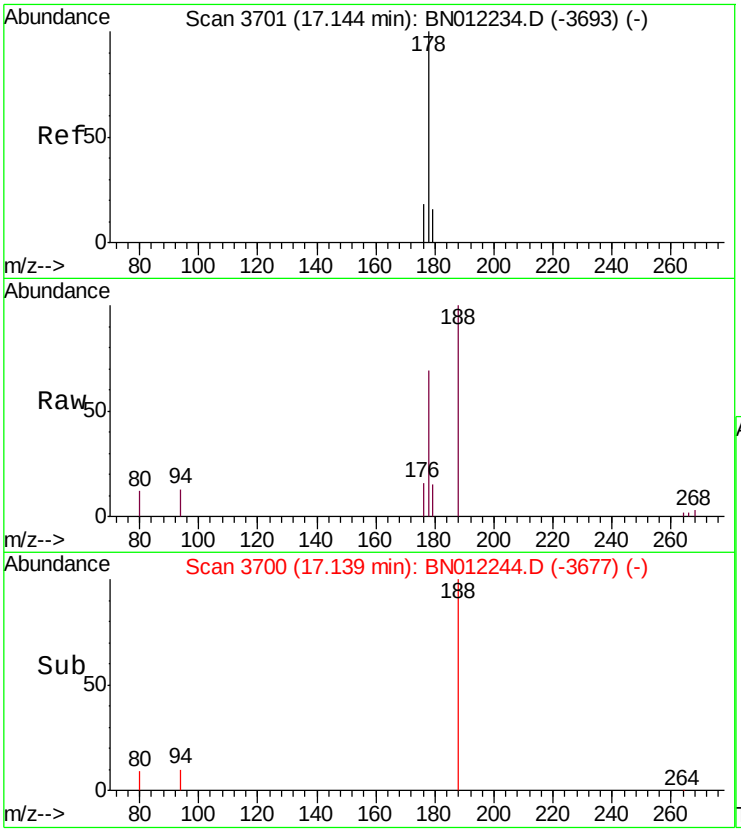


#12
Phenanthrene
Concen: 0.955 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:178 Resp: 25762

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.8	15.7	23.5





#13
Anthracene
Concen: 0.099 ng/ul
RT: 17.14 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Instrument :
BNA_N
ClientSampleId :
C0AK7

Manual Integrations APPROVED
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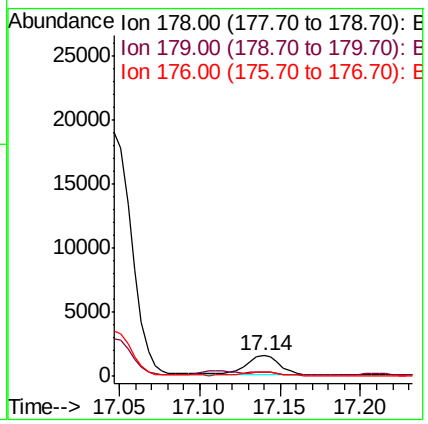
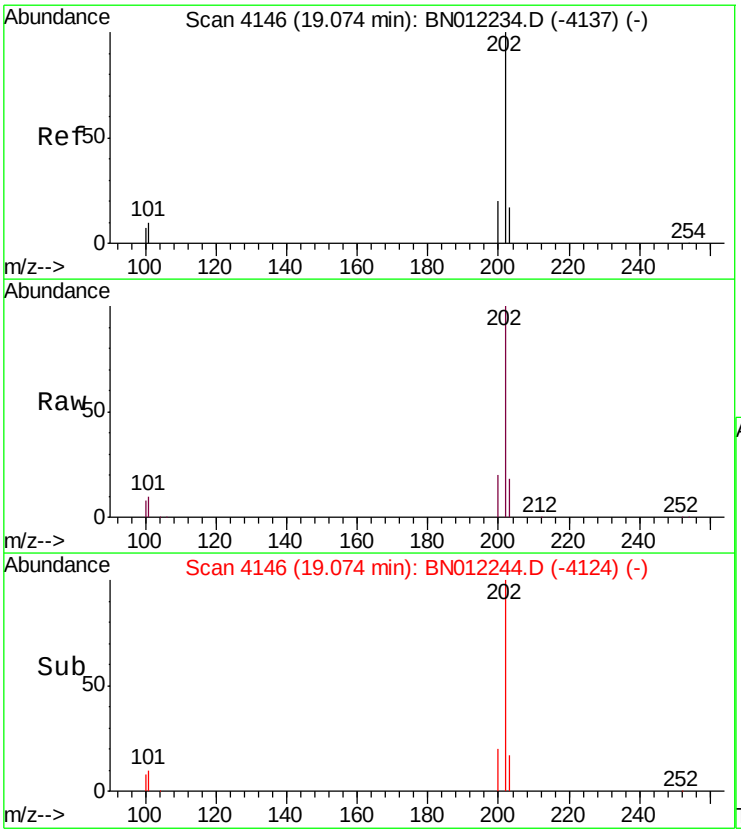
Tgt Ion:178 Resp: 2294

Ion	Ratio	Lower	Upper
178	100		
179	21.4	13.9	20.9#
176	23.1	15.4	23.0#

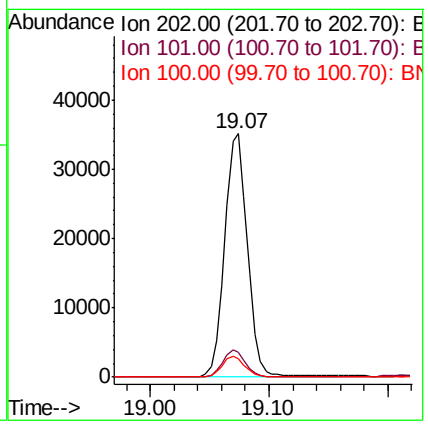


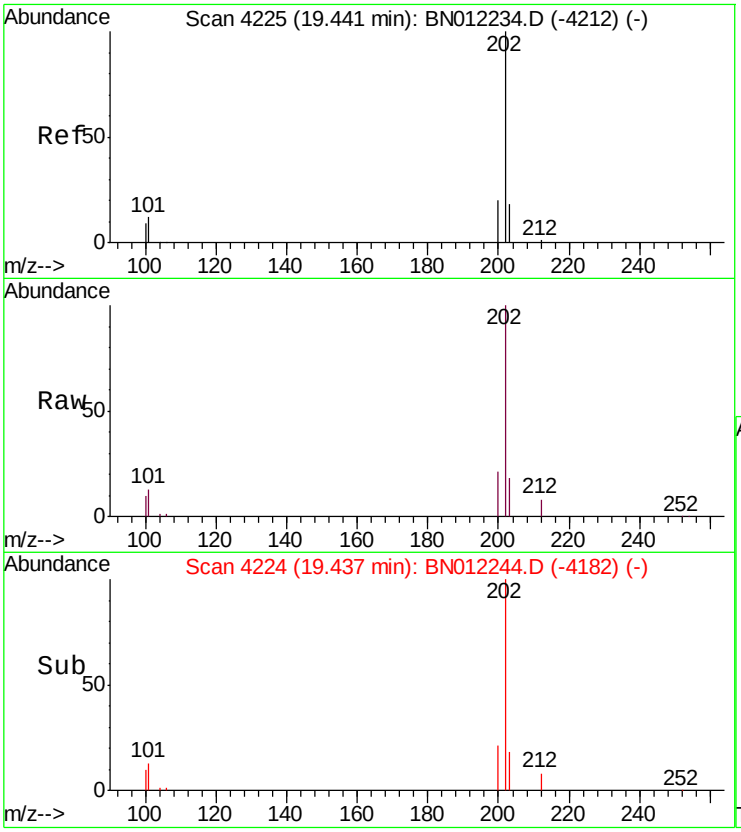


#15
Fluoranthene
Concen: 1.465 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:202 Resp: 46207

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.0
100	7.7	0.0	28.7

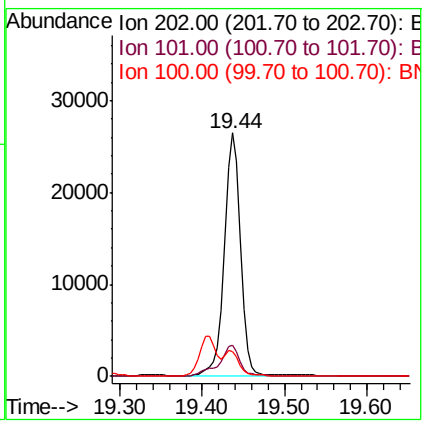




#17
Pyrene
Concen: 1.079 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:202 Resp: 35603

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.9	14.9
100	10.4	8.0	12.0



Instrument :
BNA_N
ClientSampleId :
C0AK7

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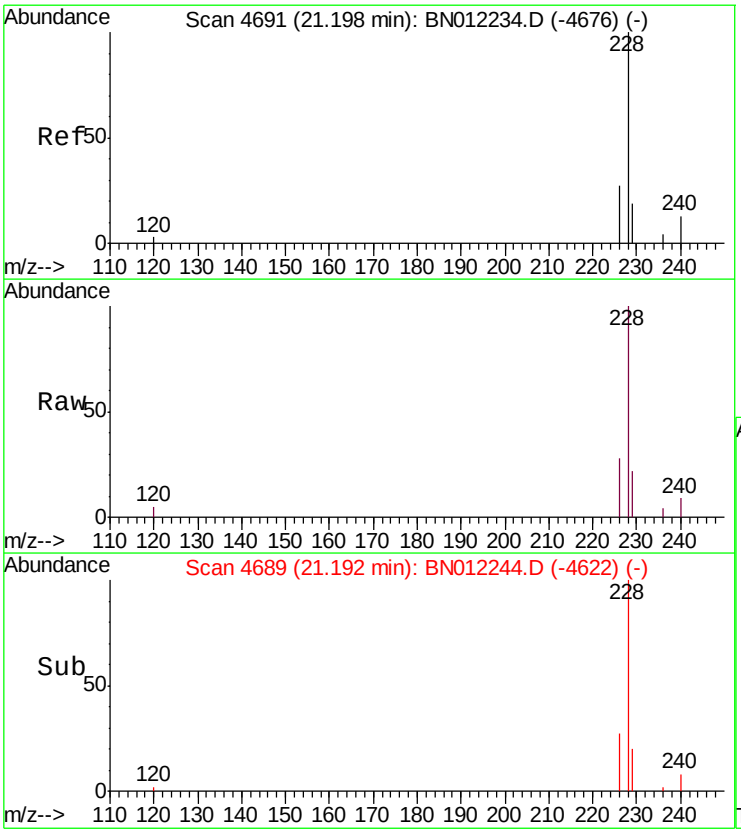
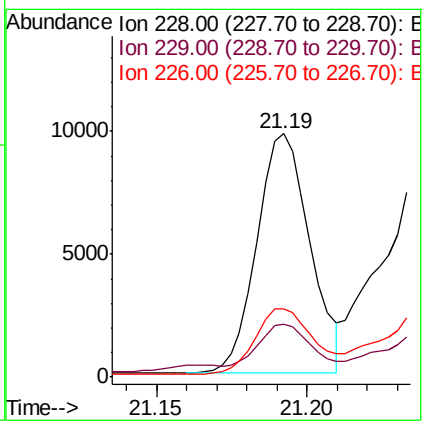
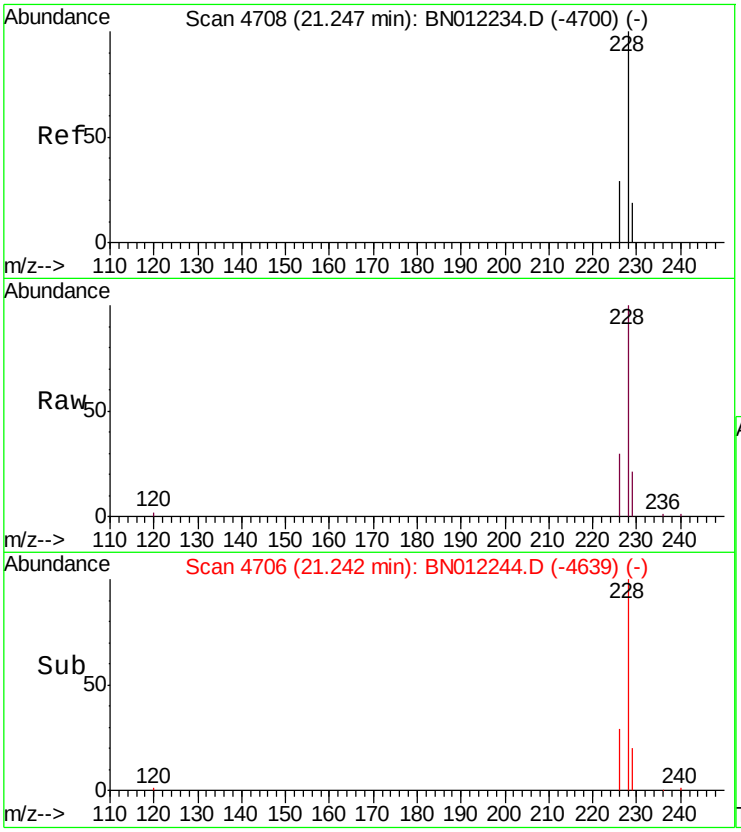


#18
Benzo(a)anthracene
Concen: 0.439 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:228 Resp: 11907

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.8
226	28.3	22.6	33.8

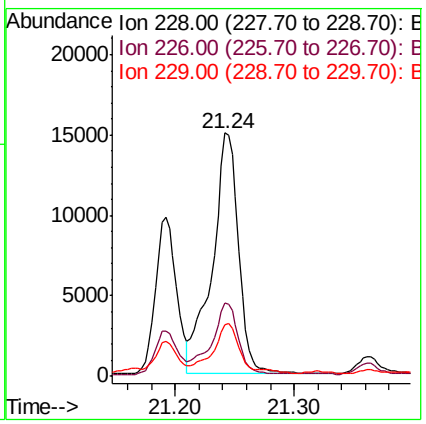




#19
Chrysene
Concen: 0.697 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.01 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:228 Resp: 23012

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	21.2	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
C0AK7

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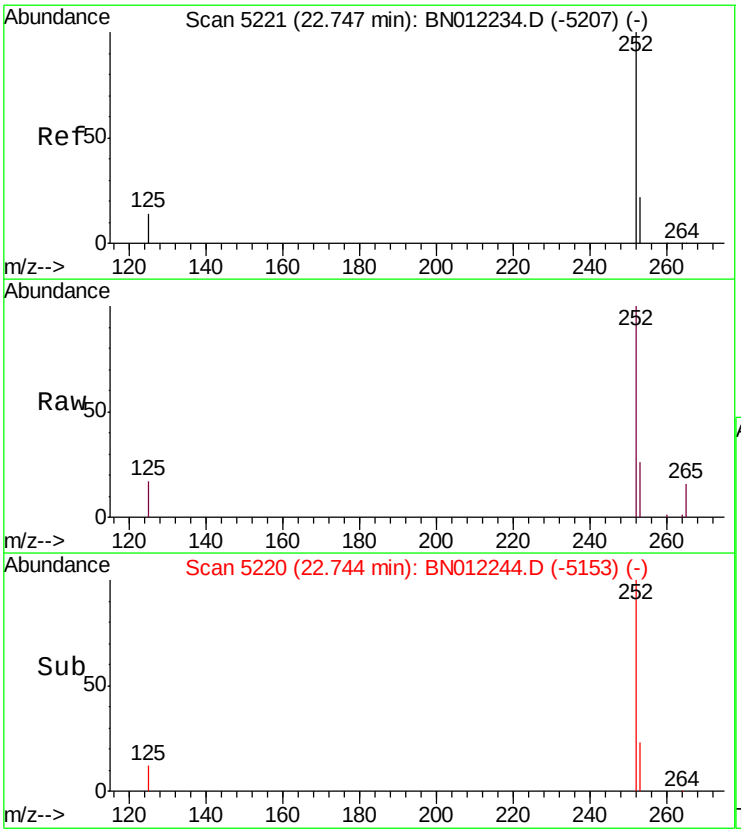
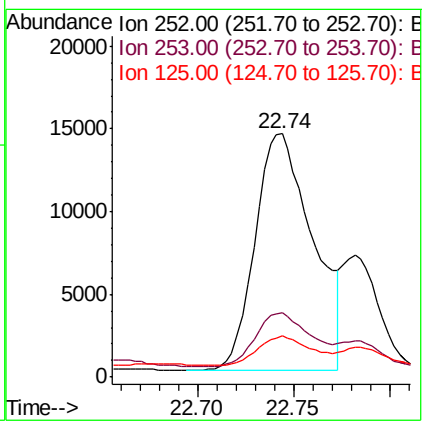
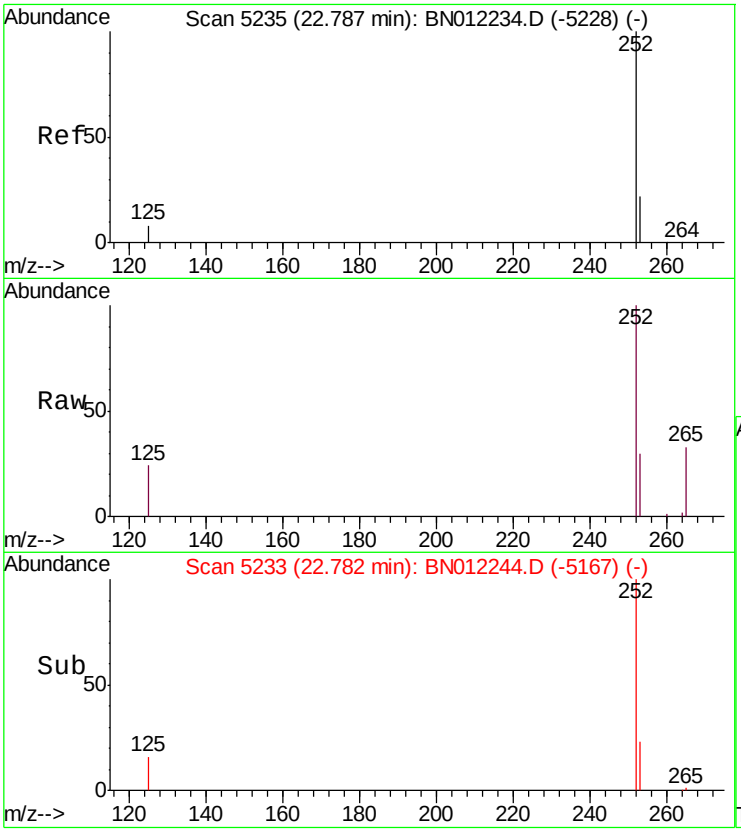


#21
Benzo(b)fluoranthene
Concen: 0.996 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.00 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:252 Resp: 30093

Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	61.6
125	16.8	0.0	36.8





#22
Benzo(k)fluoranthene
Concen: 0.279 ng/ul m
RT: 22.78 min Scan# 5233
Delta R.T. -0.01 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:252 Resp: 9326

Ion	Ratio	Lower	Upper
252	100		
253	30.3	24.4	36.6
125	24.3	12.9	19.3#

Instrument :
BNA_N
ClientSampleId :
C0AK7

Manual Integrations APPROVED
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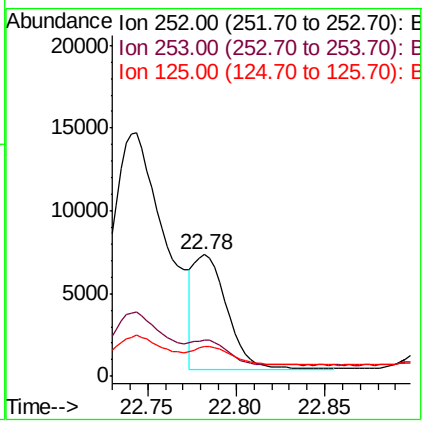
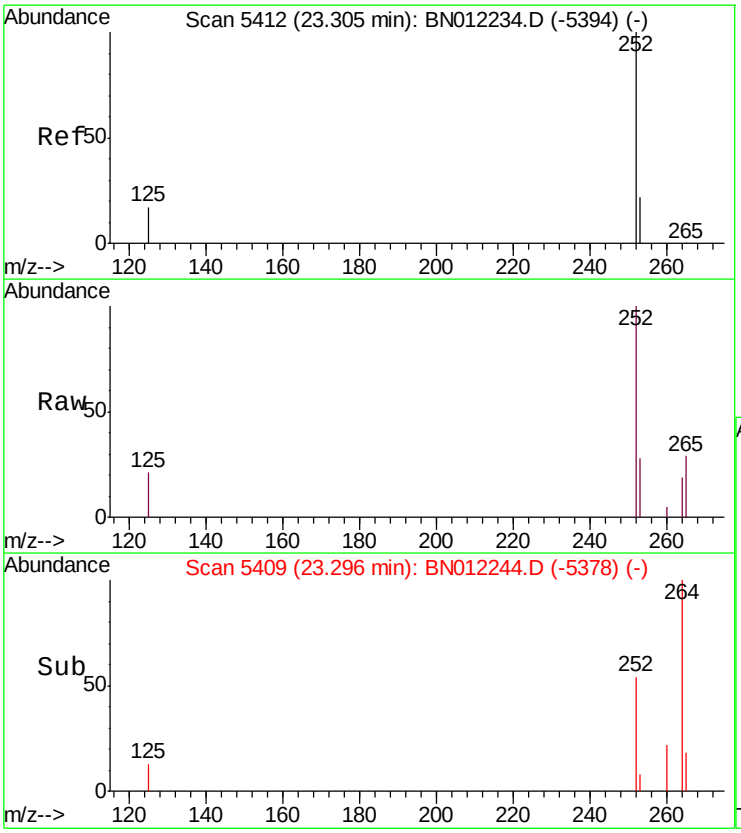
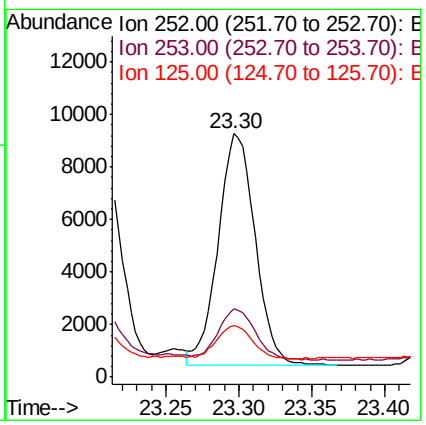


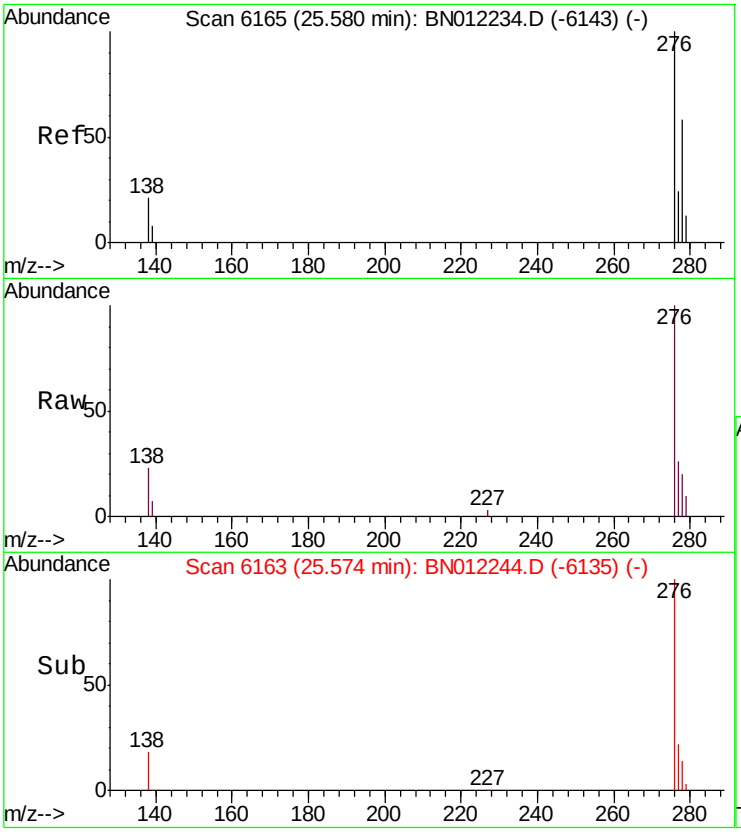


#23
Benzo(a)pyrene
Concen: 0.528 ng/ul
RT: 23.30 min Scan# 5409
Delta R.T. -0.01 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:252 Resp: 15518

Ion	Ratio	Lower	Upper
252	100		
253	27.9	27.0	40.4
125	21.0	18.8	28.2





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.01 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:276 Resp: 13353

Ion	Ratio	Lower	Upper
276	100		
138	20.6	0.0	0.0#
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0AK7

Manual Integrations APPROVED
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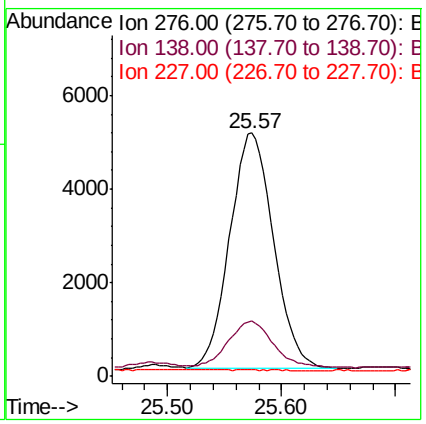
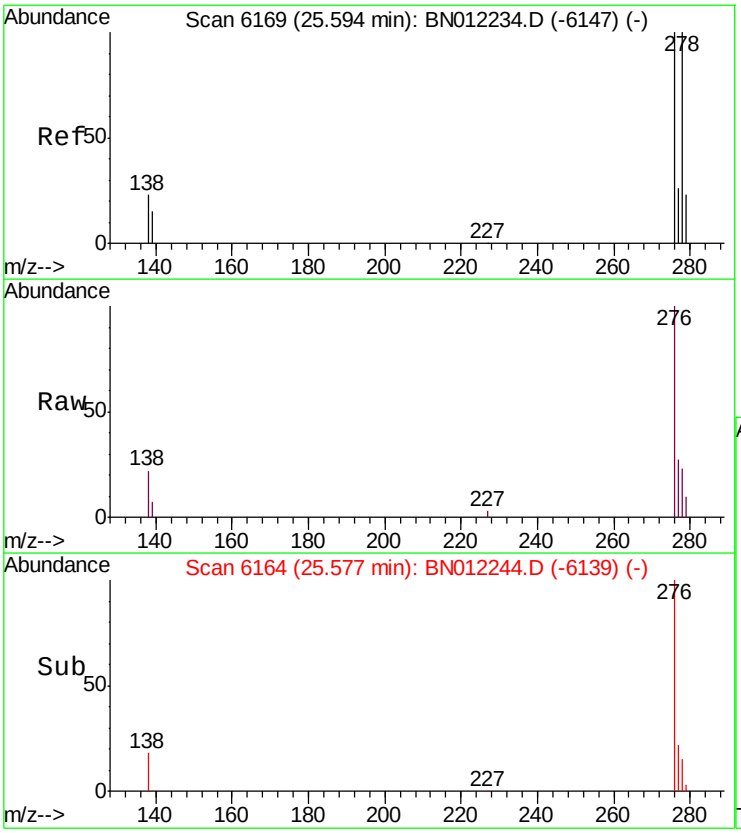
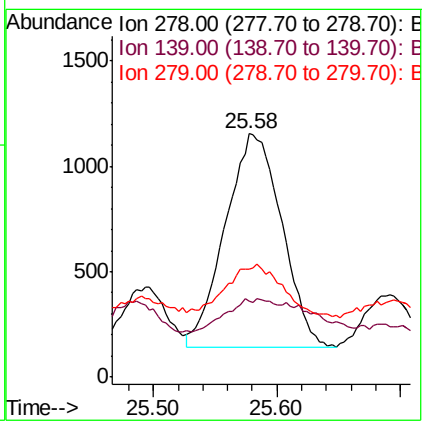


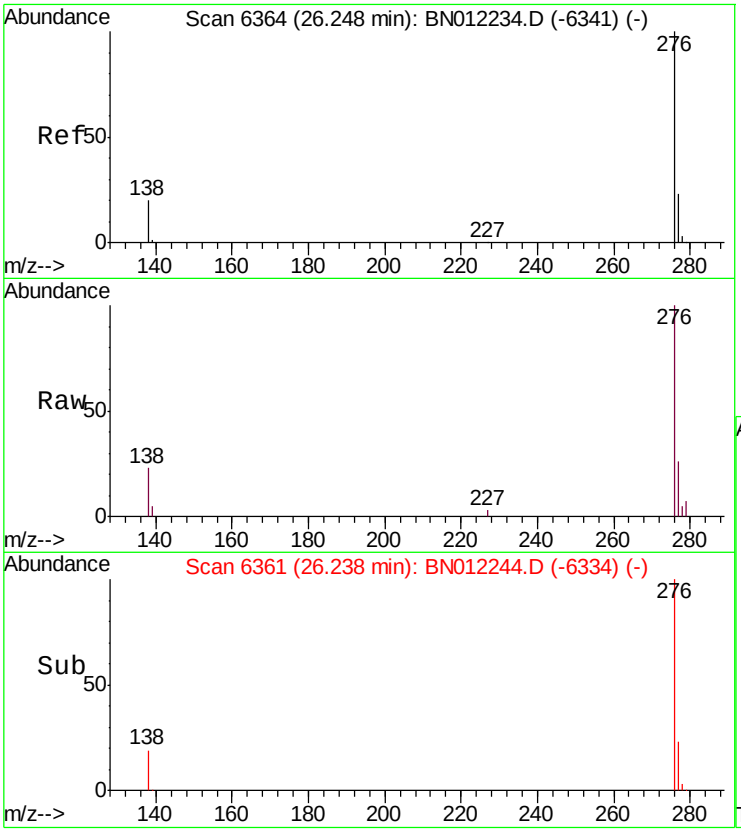


#25
Dibenzo(a,h)anthracene
Concen: 0.107 ng/ul
RT: 25.58 min Scan# 6164
Delta R.T. -0.02 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:278 Resp: 3223

Ion	Ratio	Lower	Upper
278	100		
139	31.4	15.7	23.5#
279	44.6	26.0	39.0#

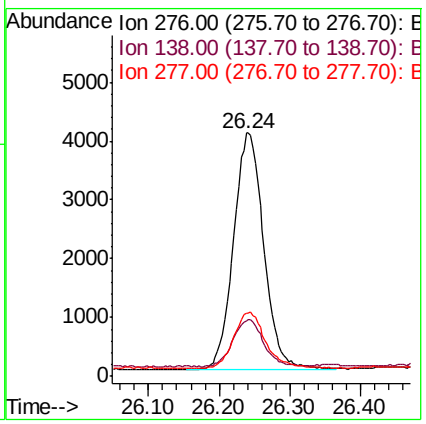




#26
Benzo(g,h,i)perylene
Concen: 0.347 ng/ul
RT: 26.24 min Scan# 6361
Delta R.T. -0.01 min
Lab File: BN012244.D
Acq: 15 Oct 2020 22:49

Tgt Ion:276 Resp: 12010

Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.1	25.7
277	26.1	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
C0AK7

Manual Integrations APPROVED
mohammad
10/19/2020 1:20:18 PM