Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008690.D
Acq On : 21 Nov 2019 22:51
Operator : JU
Sample : K5851-15DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB3DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:49 PM

Quant Time: Nov 22 07:11:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:30:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3948	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14095	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8220	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	16408	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	13633	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	14060	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	417	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1113	0.02	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	9613	0.226	ng/ul	99
5) 2-Methylnaphthalene	12.03	142	8400	0.283	ng/ul	100
7) Acenaphthylene	13.95	152	1376	0.030	ng/ul#	79
8) Acenaphthene	14.29	153	1531	0.045	ng/ul	92
9) Fluorene	15.29	166	2002	0.051	ng/ul#	89
12) Phenanthrene	17.02	178	54269	0.981	ng/ul	98
13) Anthracene	17.11	178	4613	0.088	ng/ul#	87
15) Fluoranthene	19.04	202	77685	1.143	ng/ul	94
17) Pyrene	19.40	202	62623	1.145	ng/ul	97
18) Benzo(a)anthracene	21.15	228	16319	0.298	ng/ul#	92
19) Chrysene	21.21	228	24700	0.459	ng/ul#	95
21) Benzo(b)fluoranthene	22.69	252	23662m	0.408	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	8832m	0.154	ng/ul	
23) Benzo(a)pyrene	23.24	252	12602	0.232	ng/ul#	53
24) Indeno(1,2,3-cd)pyrene	25.47	276	8699	0.137	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.47	278	2421	0.047	ng/ul#	1
26) Benzo(g,h,i)perylene	26.12	276	9350	0.176	ng/ul#	81

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008690.D
Acq On : 21 Nov 2019 22:51
Operator : JU
Sample : K5851-15DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 22 07:11:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:30:58 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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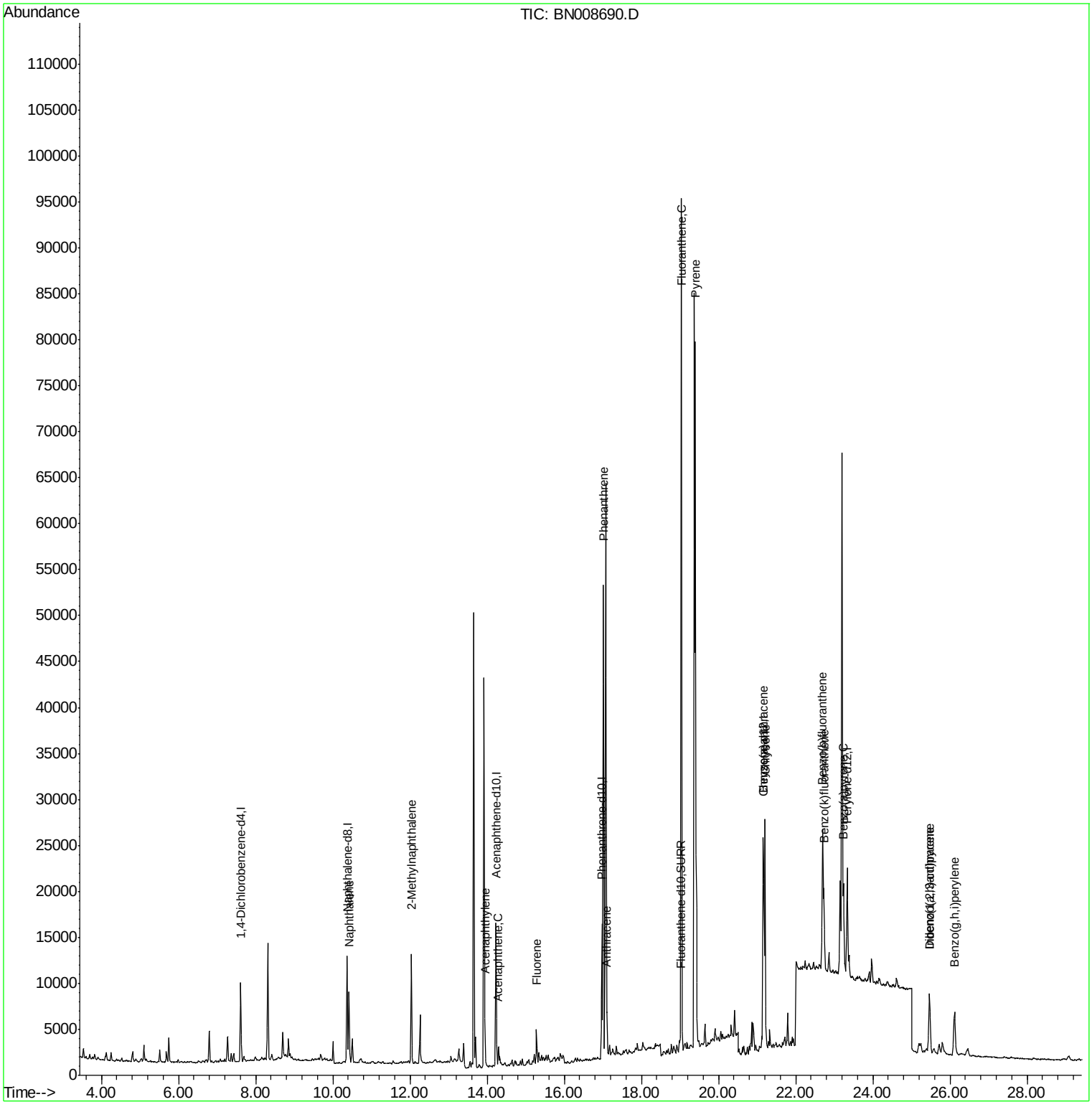
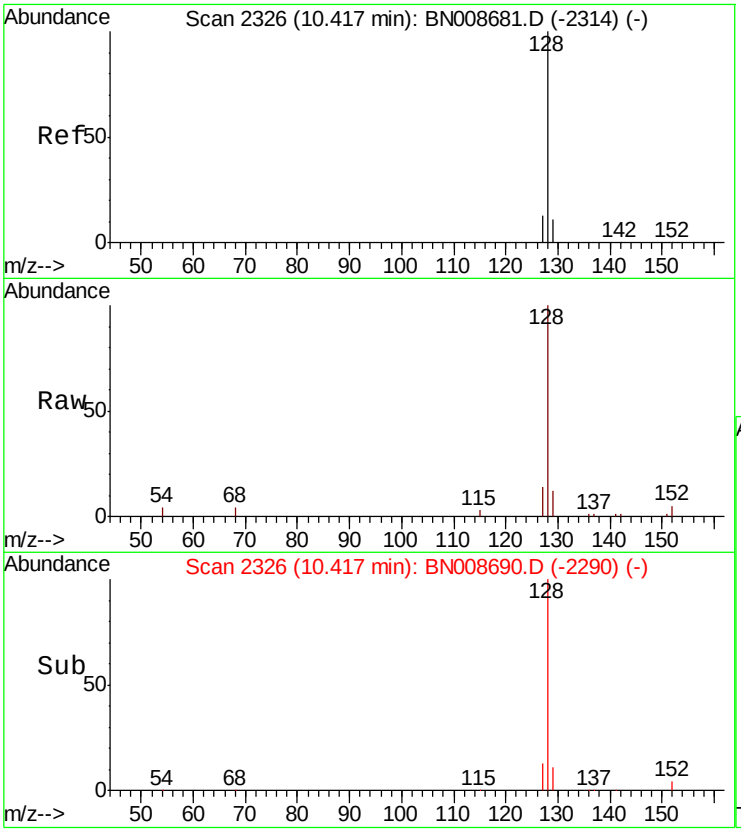
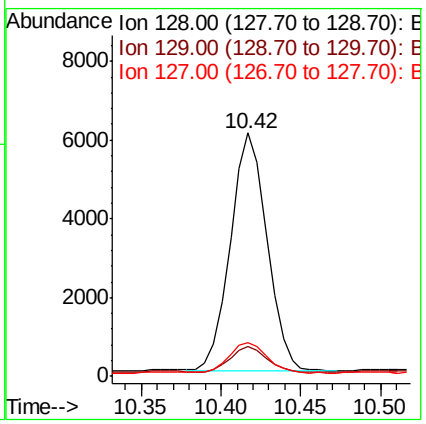




#3
Naphthalene
Concen: 0.226 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:128 Resp: 9613

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.7	14.5
127	13.9	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AB3DL

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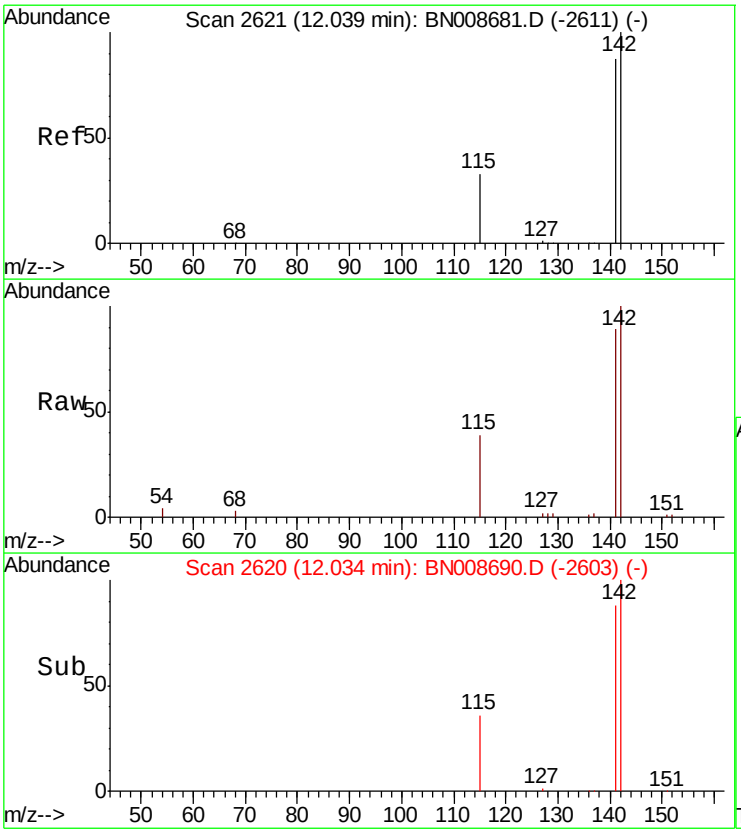
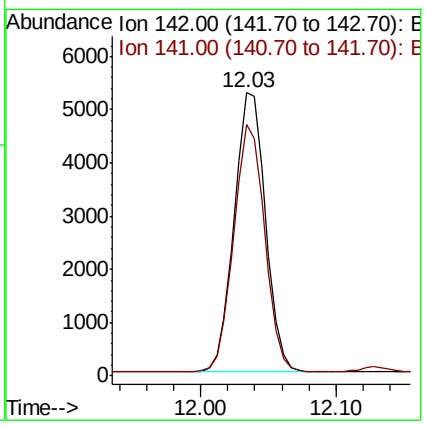
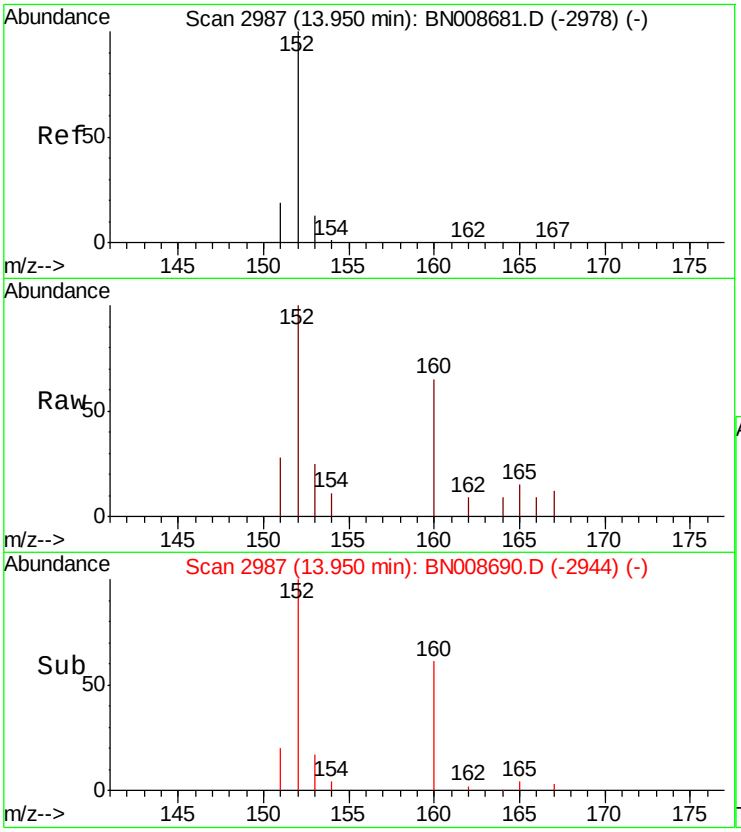


#5
2-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:142 Resp: 8400

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.5	105.7





#7
Acenaphthylene
Concen: 0.030 ng/ul
RT: 13.95 min Scan# 2987
Delta R.T. 0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:152 Resp: 1376

Ion	Ratio	Lower	Upper
152	100		
151	28.1	16.6	24.8#
153	25.0	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0AB3DL

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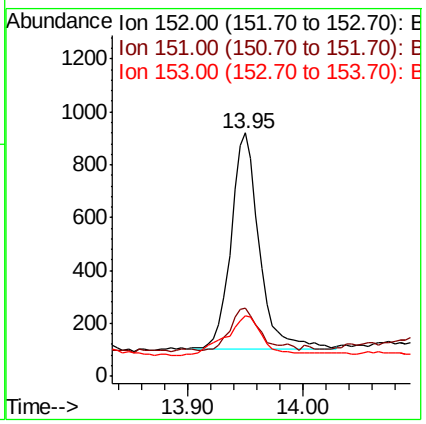
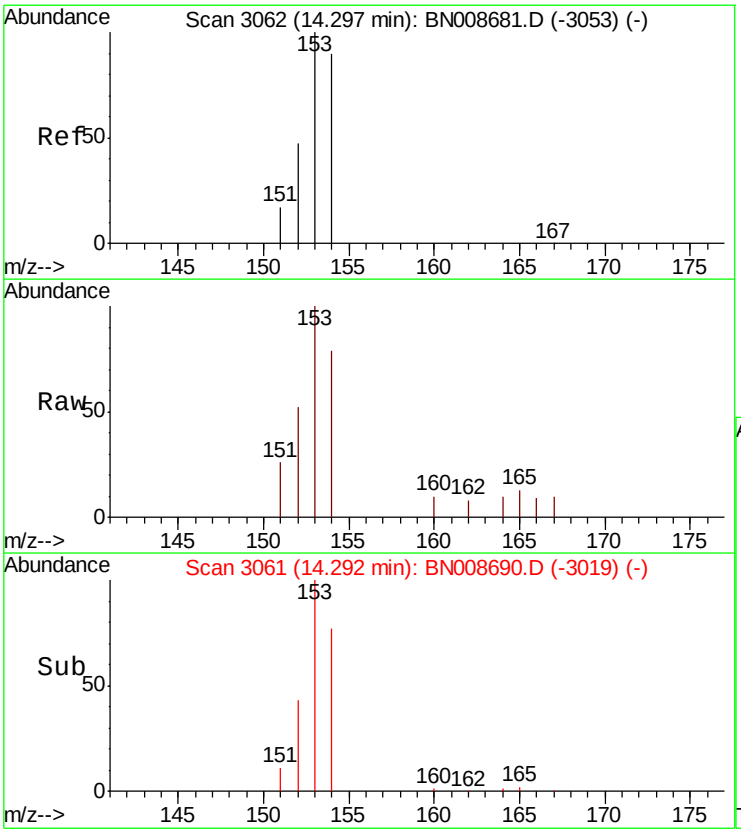
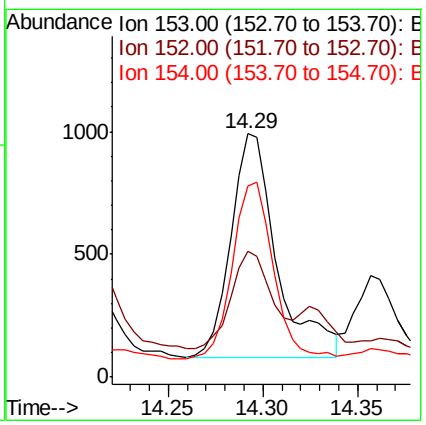


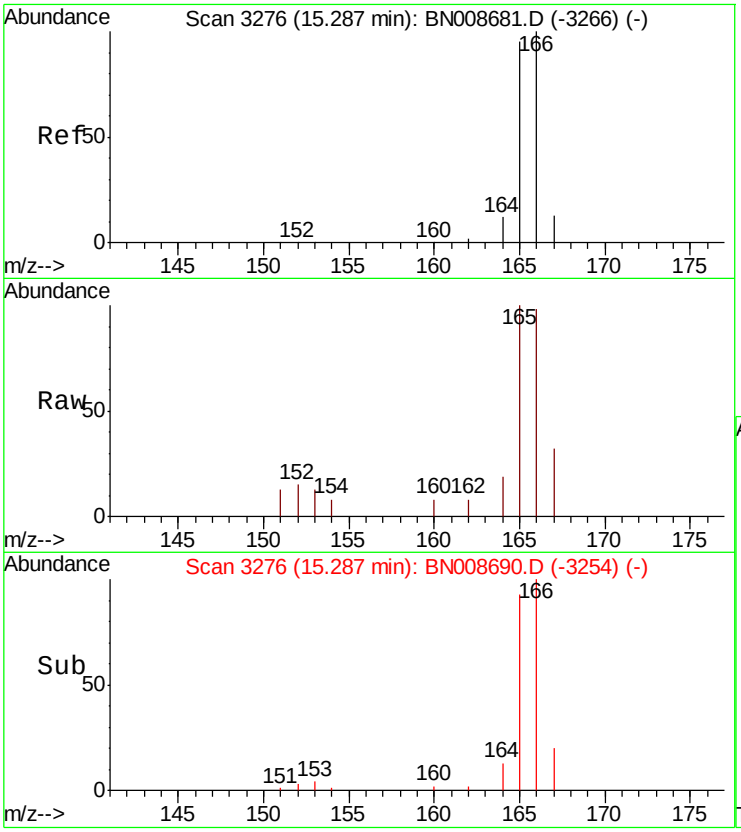


#8
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.29 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:153 Resp: 1531

Ion	Ratio	Lower	Upper
153	100		
152	51.9	39.6	59.4
154	78.5	70.6	106.0





#9
Fluorene
Concen: 0.051 ng/ul
RT: 15.29 min Scan# 3276
Delta R.T. 0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:166 Resp: 2002

Ion	Ratio	Lower	Upper
166	100		
165	102.0	77.4	116.0
167	33.0	11.4	17.0#

Instrument :
BNA_N
ClientSampleId :
C0AB3DL

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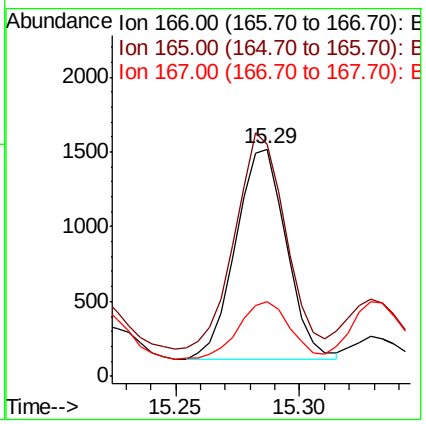
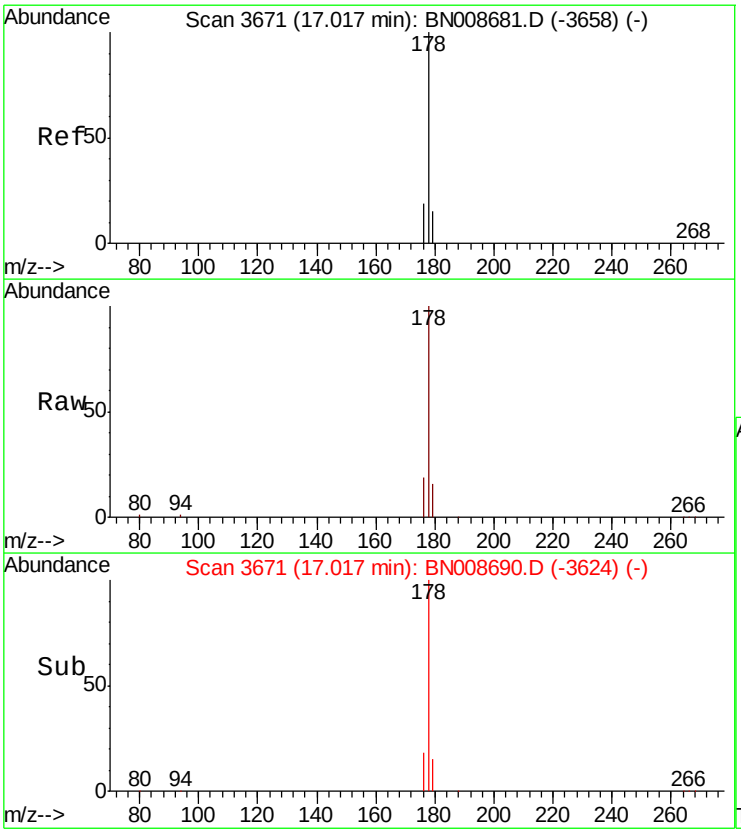
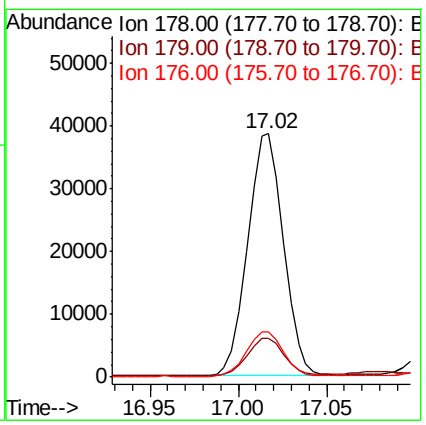


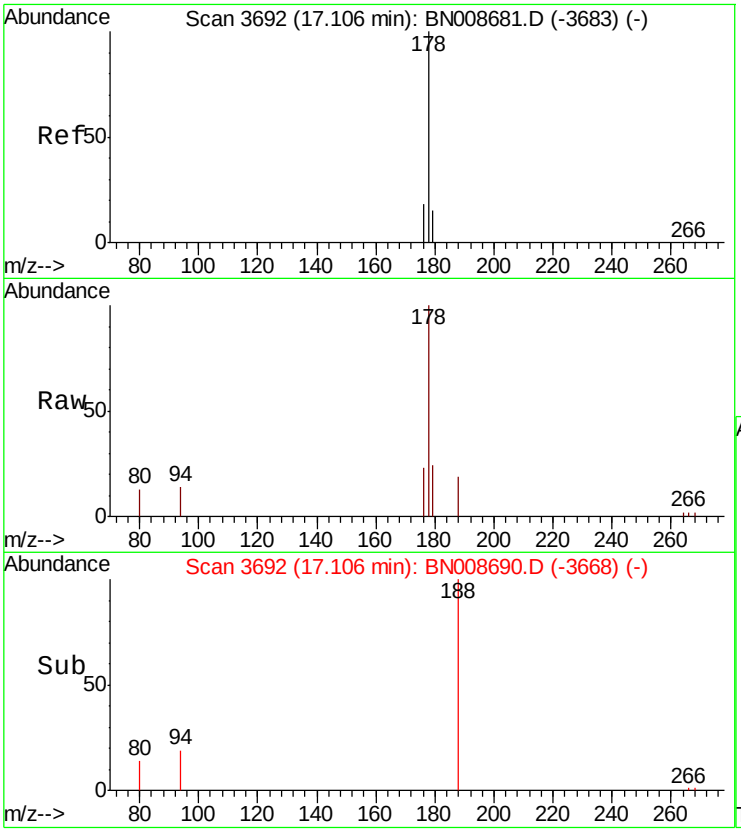


#12
Phenanthrene
Concen: 0.981 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. 0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:178 Resp: 54269

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	18.6	16.0	24.0





#13
Anthracene
Concen: 0.088 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. 0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:178 Resp: 4613

Ion	Ratio	Lower	Upper
178	100		
179	23.9	13.0	19.4#
176	23.1	15.3	22.9#

Instrument :
BNA_N
ClientSampleId :
C0AB3DL

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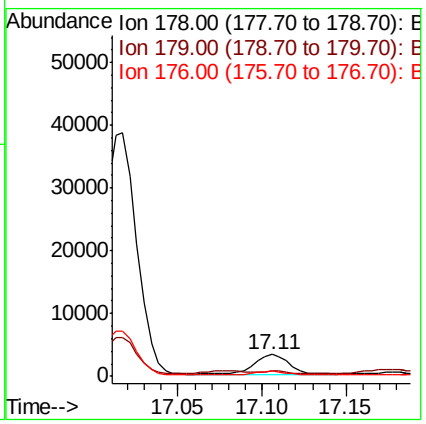
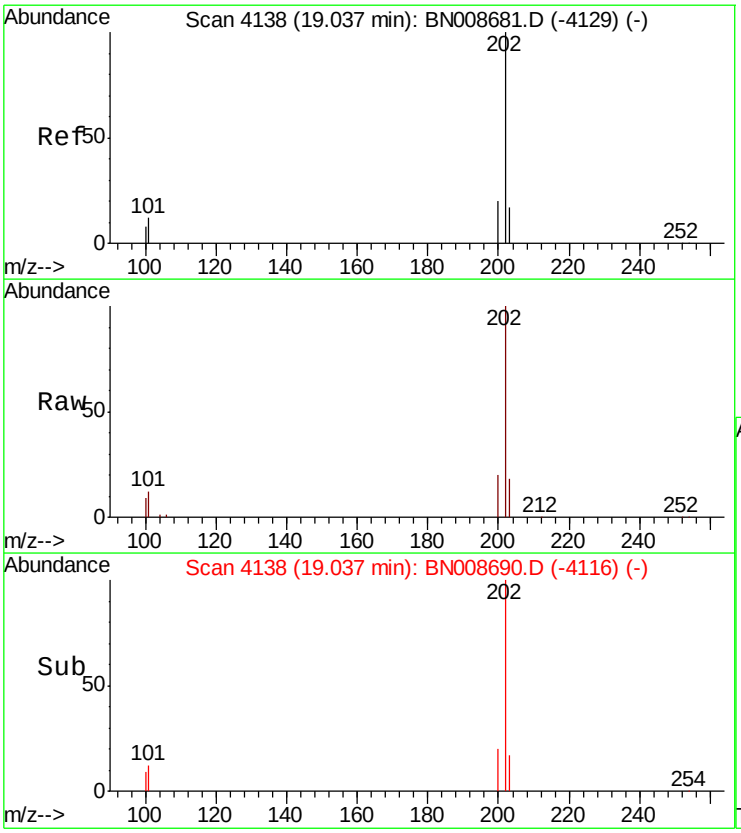
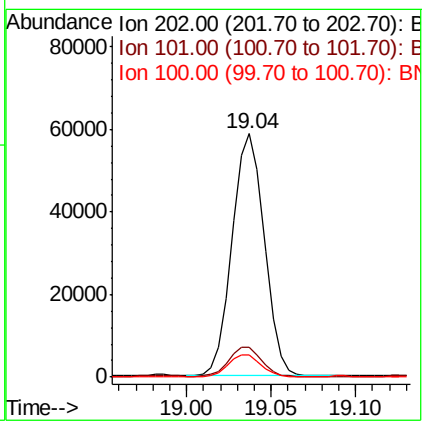


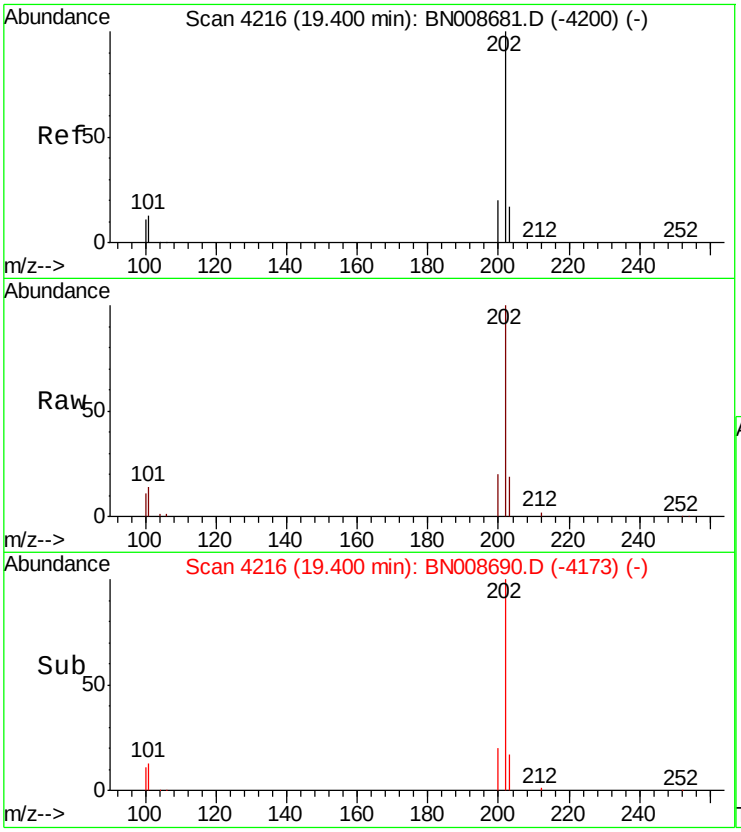


#15
Fluoranthene
Concen: 1.143 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. 0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:202 Resp: 77685

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	29.6
100	9.1	0.0	27.0





#17
Pyrene
Concen: 1.145 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. 0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:202 Resp: 62623

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.2	15.2
100	11.3	8.2	12.2

Instrument :
BNA_N
ClientSampleId :
C0AB3DL

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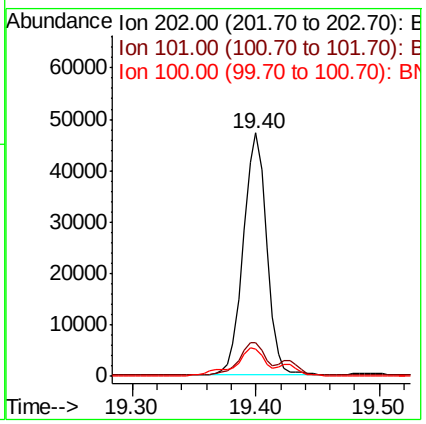
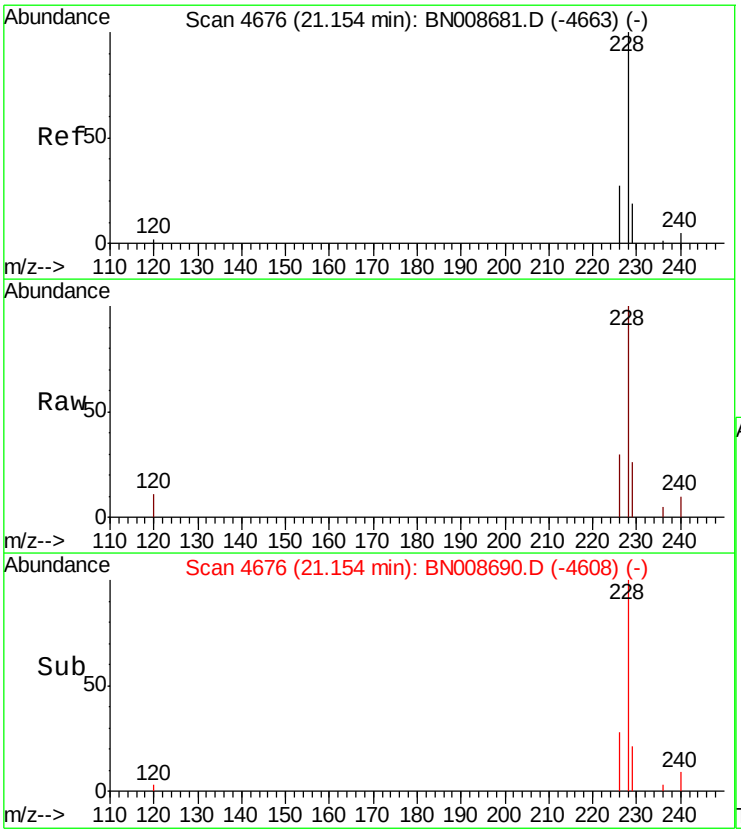
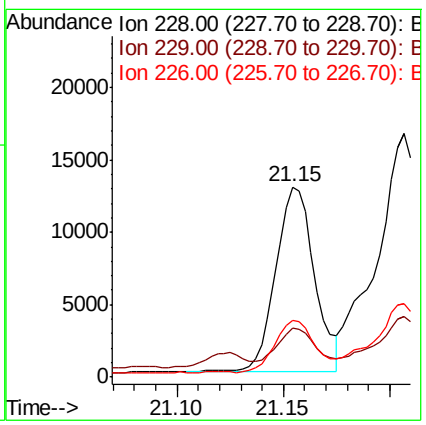


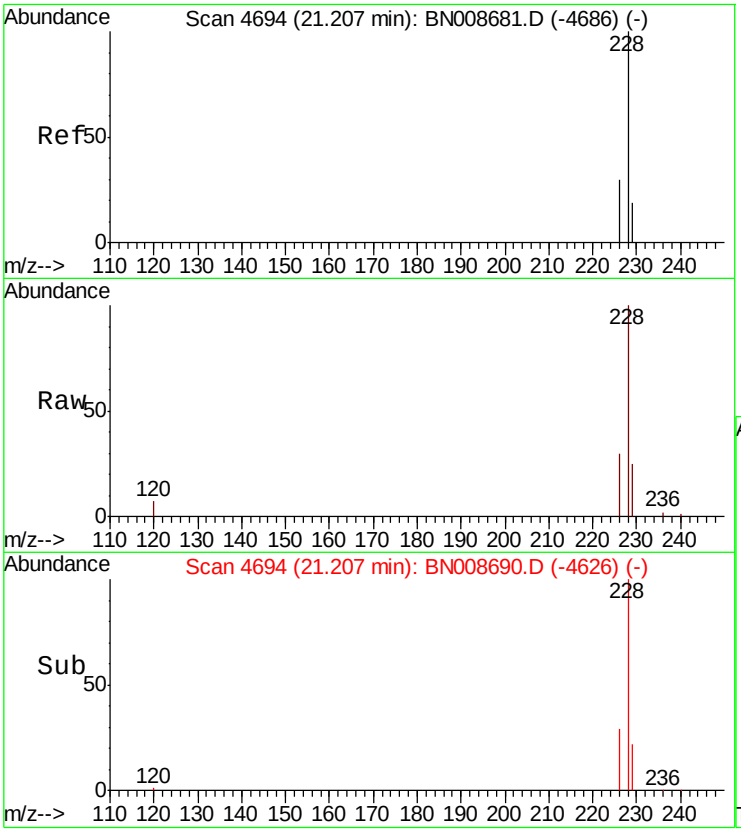


#18
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. 0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:228 Resp: 16319

Ion	Ratio	Lower	Upper
228	100		
229	25.5	15.8	23.6#
226	29.8	21.6	32.4





#19
Chrysene
Concen: 0.459 ng/ul
RT: 21.21 min Scan# 4694
Delta R.T. 0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:228 Resp: 24700

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	24.9	15.5	23.3#

Instrument :
BNA_N
ClientSampleId :
C0AB3DL

Manual Integrations APPROVED
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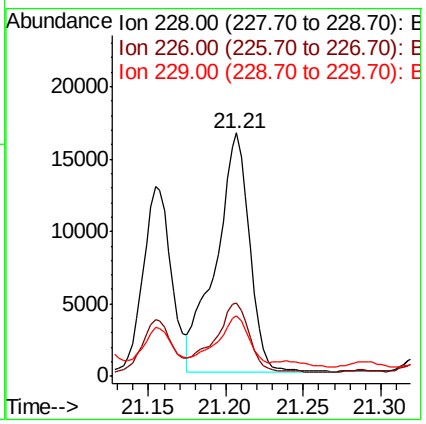
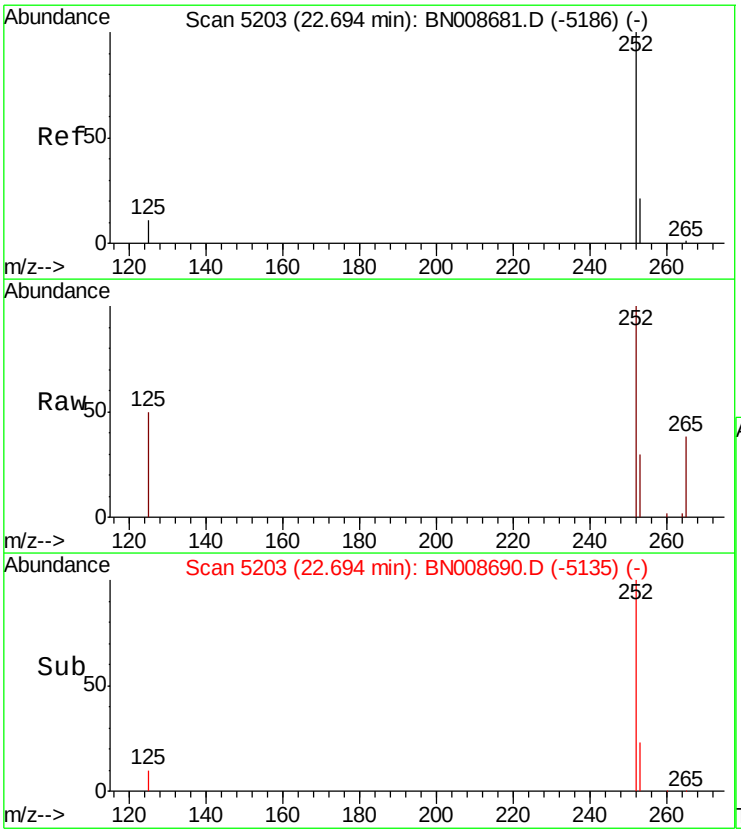
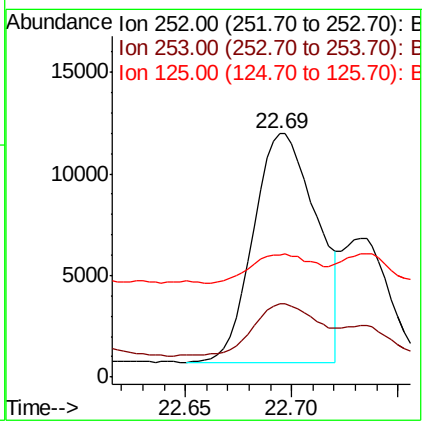


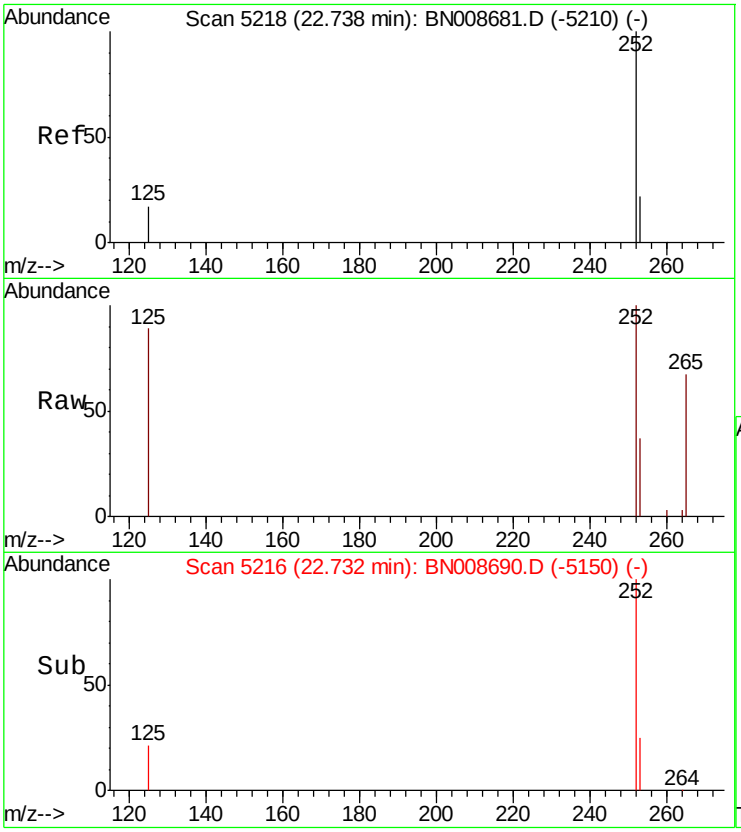


#21
Benzo(b)fluoranthene
Concen: 0.408 ng/ul m
RT: 22.69 min Scan# 5203
Delta R.T. 0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:252 Resp: 23662

Ion	Ratio	Lower	Upper
252	100		
253	29.9	0.0	50.2
125	49.9	0.0	30.0#





#22
Benzo(k)fluoranthene
Concen: 0.154 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.01 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:252 Resp: 8832

Ion	Ratio	Lower	Upper
252	100		
253	37.1	20.5	30.7#
125	88.6	15.0	22.4#

Instrument :
BNA_N
ClientSampleId :
C0AB3DL

Manual Integrations APPROVED
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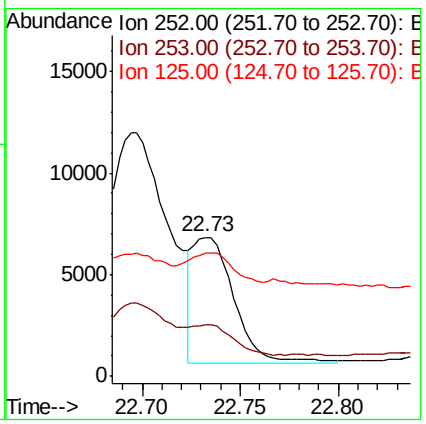
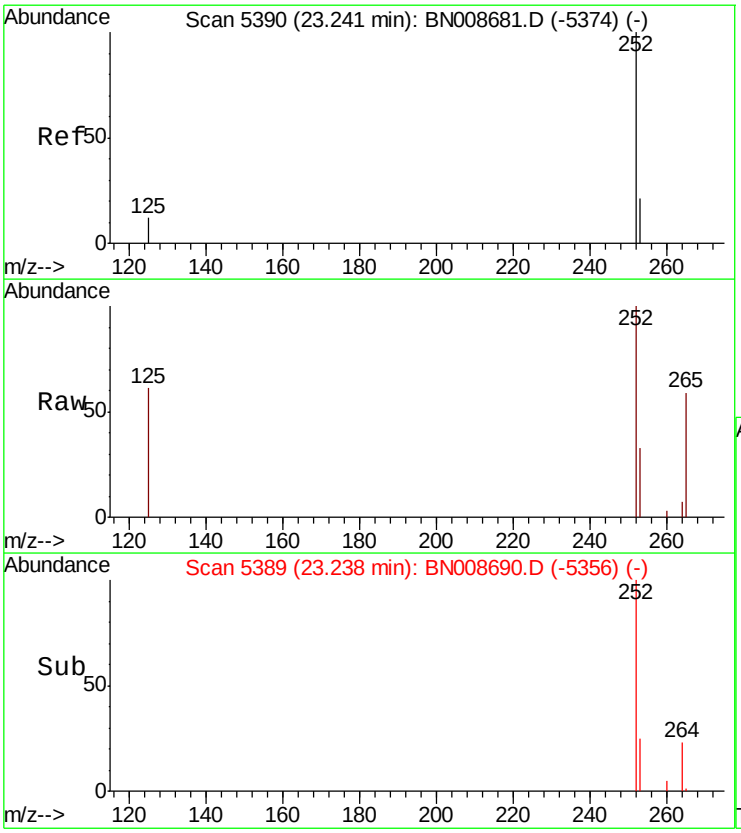
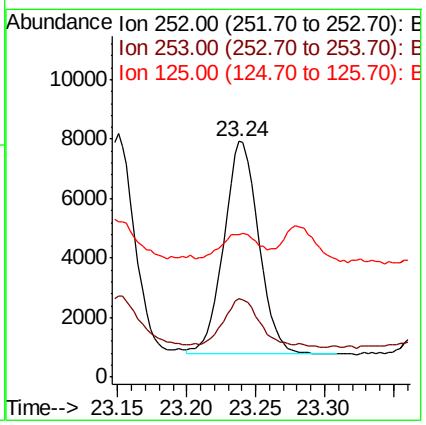


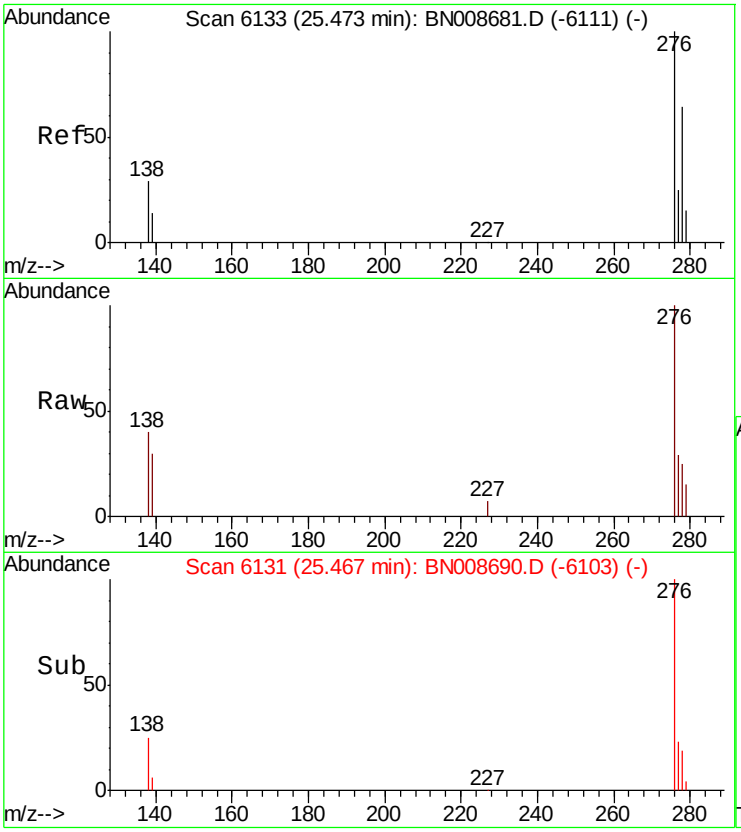


#23
Benzo(a)pyrene
Concen: 0.232 ng/ul
RT: 23.24 min Scan# 5389
Delta R.T. -0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:252 Resp: 12602

Ion	Ratio	Lower	Upper
252	100		
253	33.4	21.4	32.2#
125	60.7	13.8	20.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.137 ng/ul
RT: 25.47 min Scan# 6131
Delta R.T. -0.01 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:276 Resp: 8699

Ion	Ratio	Lower	Upper
276	100		
138	29.4	21.7	32.5
227	0.7	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
C0AB3DL

Manual Integrations APPROVED
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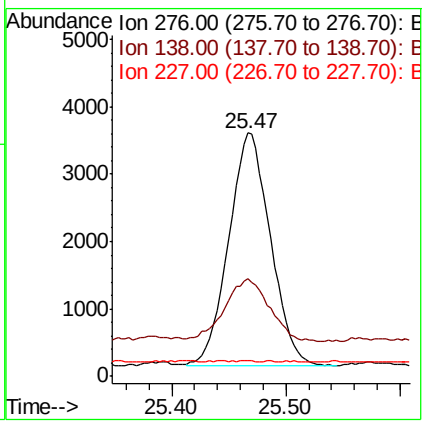
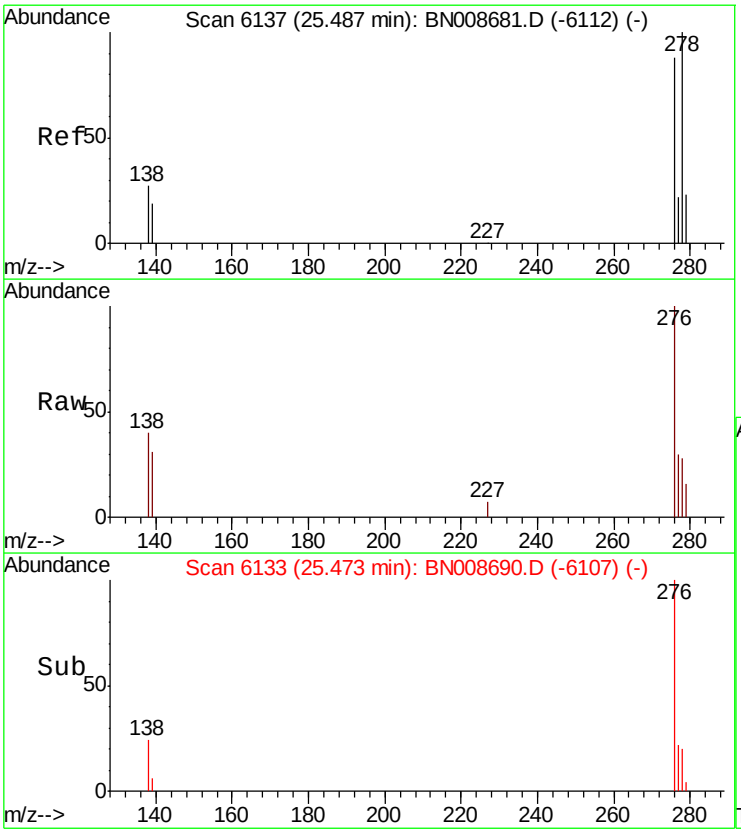
11/22/2019 1:23:49 PM

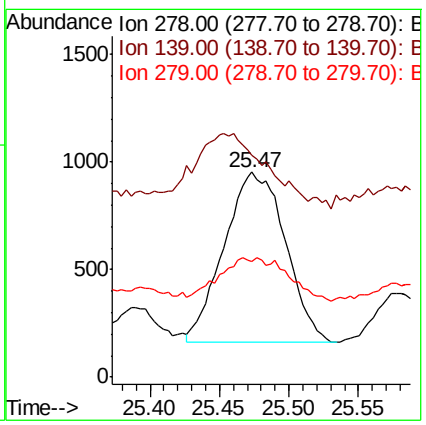


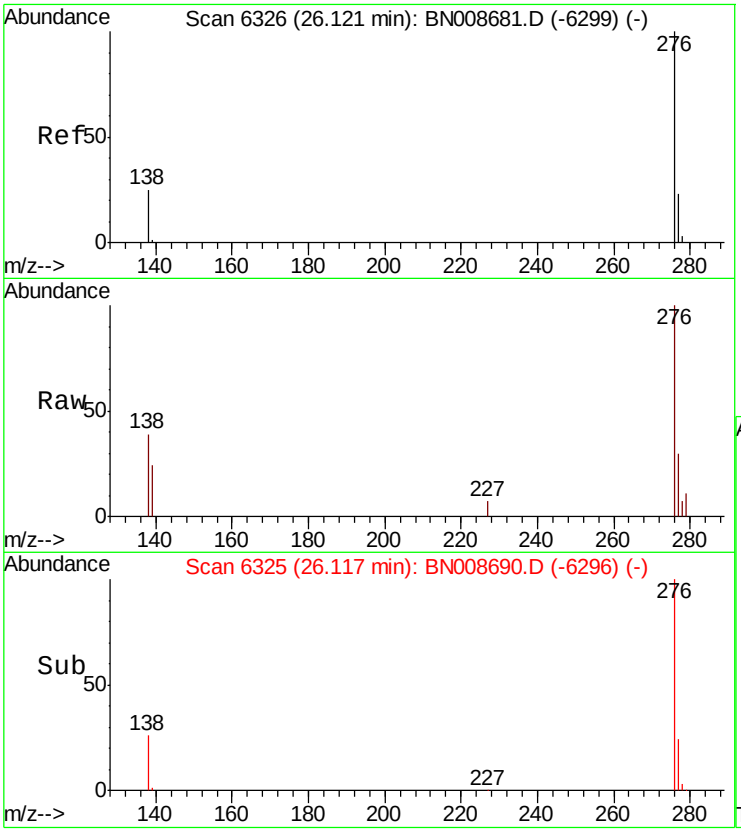


#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.47 min Scan# 6133
Delta R.T. -0.01 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:278 Resp: 2421

Ion	Ratio	Lower	Upper
278	100		
139	108.5	18.7	28.1#
279	56.6	20.8	31.2#

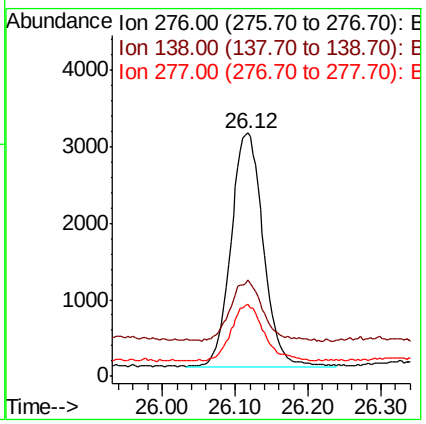




#26
Benzo(g,h,i)perylene
Concen: 0.176 ng/ul
RT: 26.12 min Scan# 6325
Delta R.T. -0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:276 Resp: 9350

Ion	Ratio	Lower	Upper
276	100		
138	39.4	20.0	30.0#
277	29.6	20.0	30.0



Instrument :
BNA_N
ClientSampleId :
C0AB3DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:49 PM