Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008234.D
Acq On : 17 Oct 2019 22:58
Operator : JU
Sample : K5177-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEP96

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:33 PM

Quant Time: Oct 18 03:55:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3114	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14853	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9082	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	19435m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	14220	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12631	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3565	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	9710	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	2452	0.058	ng/ul#	91
5) 2-Methylnaphthalene	12.04	142	1307	0.045	ng/ul	99
7) Acenaphthylene	13.95	152	5482	0.127	ng/ul	94
8) Acenaphthene	14.30	153	1644	0.049	ng/ul	98
9) Fluorene	15.29	166	2347	0.061	ng/ul#	96
12) Phenanthrene	17.03	178	51330	0.902	ng/ul	99
13) Anthracene	17.12	178	9382	0.187	ng/ul	97
15) Fluoranthene	19.05	202	128281	1.707	ng/ul	98
17) Pyrene	19.42	202	115589	2.042	ng/ul	99
18) Benzo(a)anthracene	21.17	228	54138	1.047	ng/ul	96
19) Chrysene	21.22	228	62772	0.989	ng/ul	97
21) Benzo(b)fluoranthene	22.72	252	67475m	1.641	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	22250m	0.478	ng/ul	
23) Benzo(a)pyrene	23.27	252	45886	1.060	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.53	276	33596	0.659	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.54	278	7602	0.189	ng/ul#	68
26) Benzo(g,h,i)perylene	26.19	276	31811	0.681	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008234.D
Acq On : 17 Oct 2019 22:58
Operator : JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 18 03:55:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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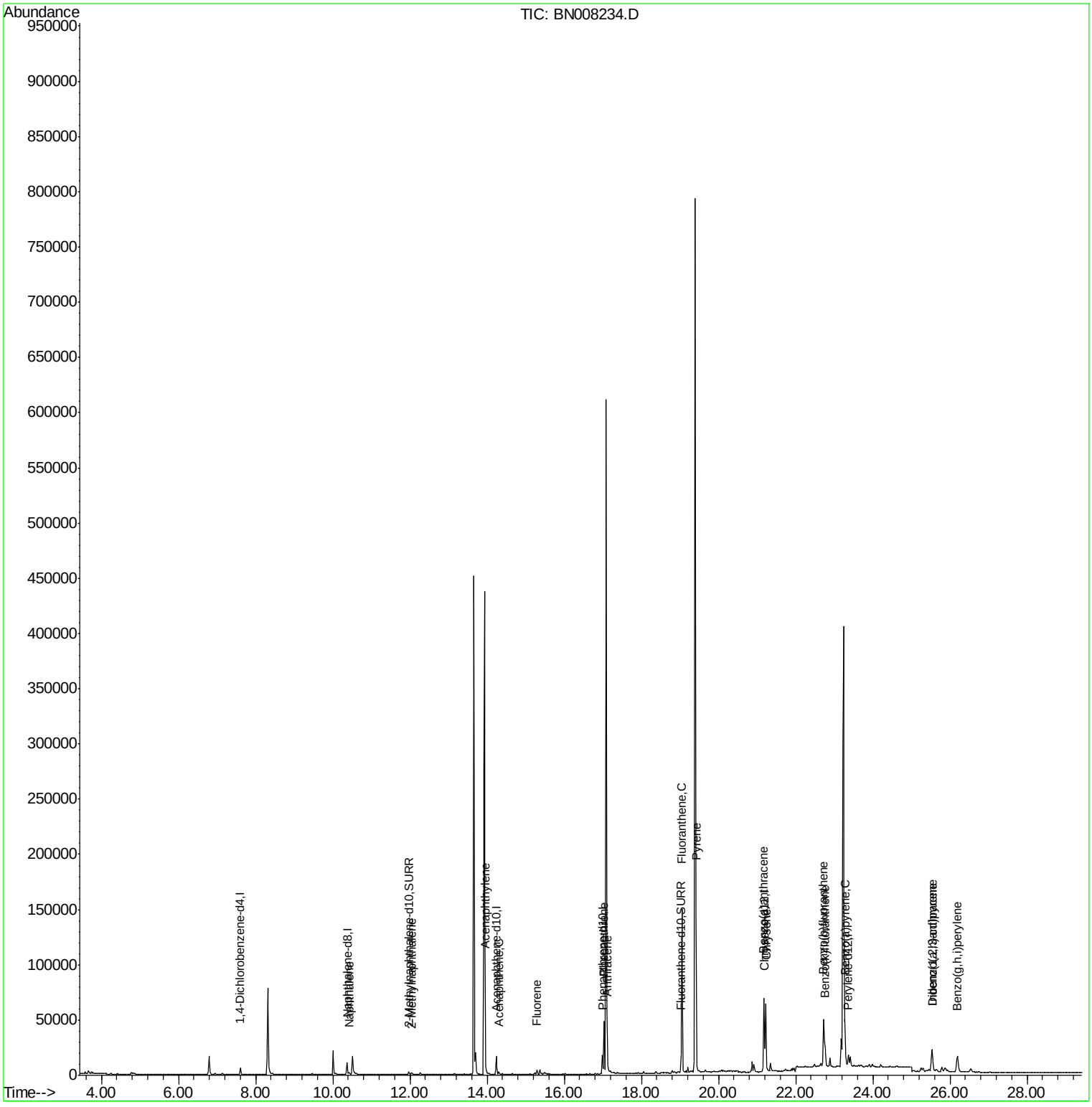

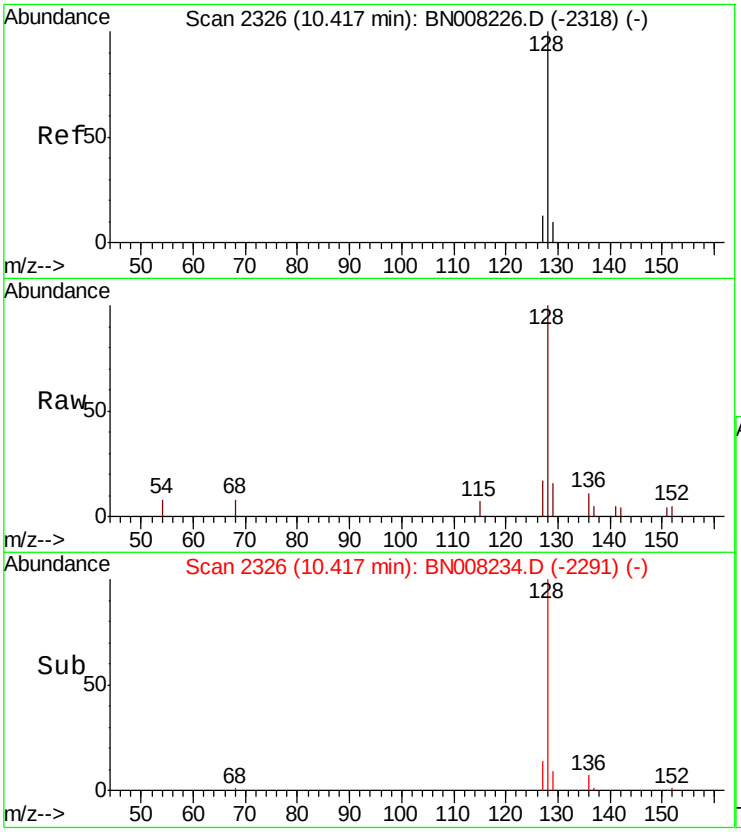

#3
Naphthalene
Concen: 0.058 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:128 Resp: 2452

Ion	Ratio	Lower	Upper
128	100		
129	16.2	9.8	14.8#
127	16.9	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEP96

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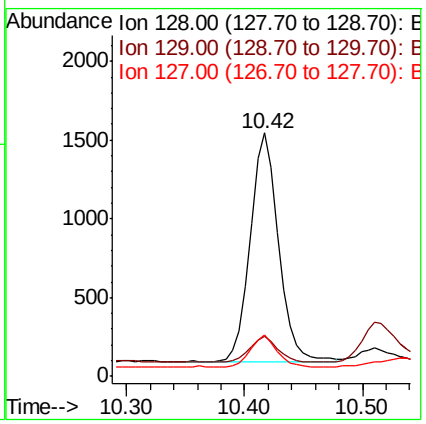
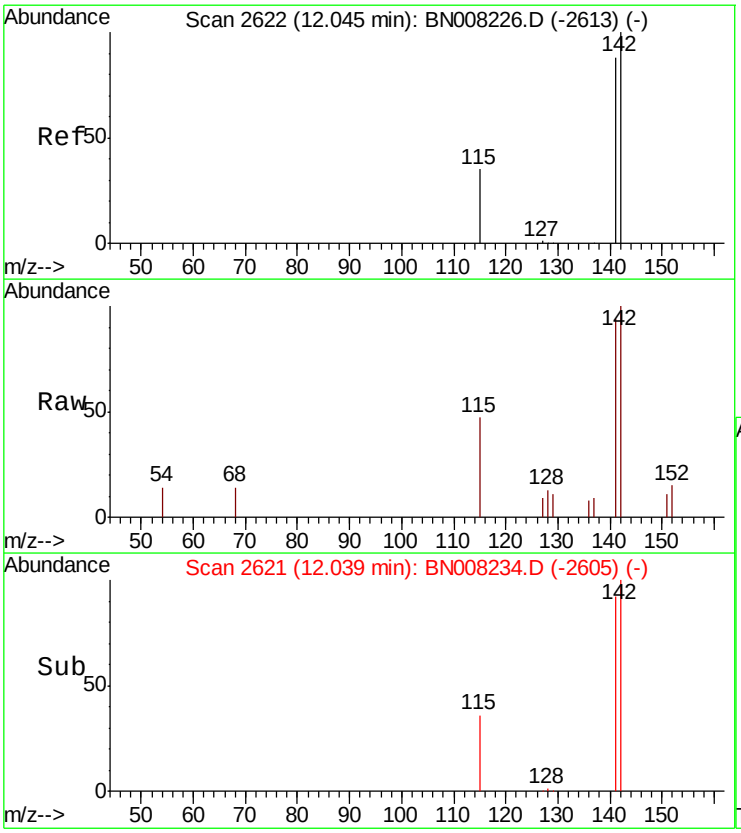
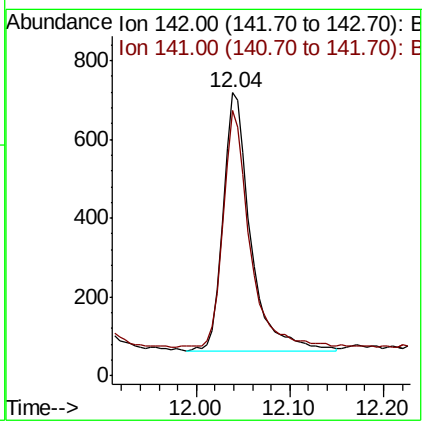


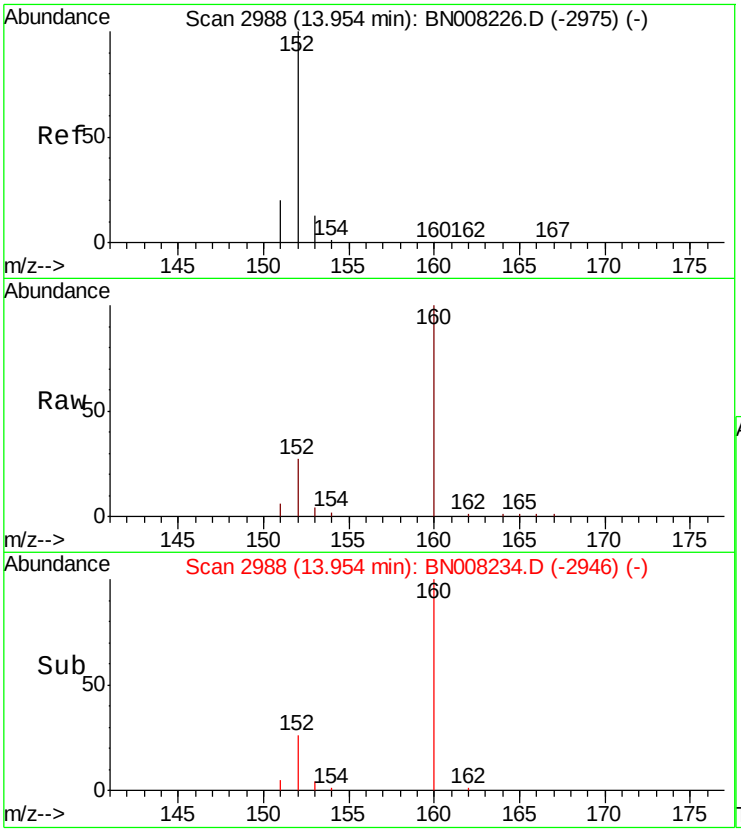


#5
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.04 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:142 Resp: 1307

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.4	107.2

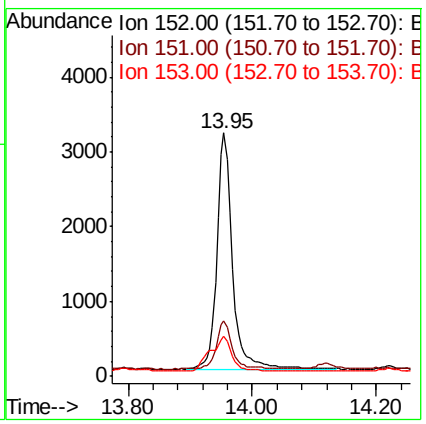




#7
Acenaphthylene
Concen: 0.127 ng/ul
RT: 13.95 min Scan# 2988
Delta R.T. -0.00 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:152 Resp: 5482

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.2	24.4
153	16.3	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
BEP96

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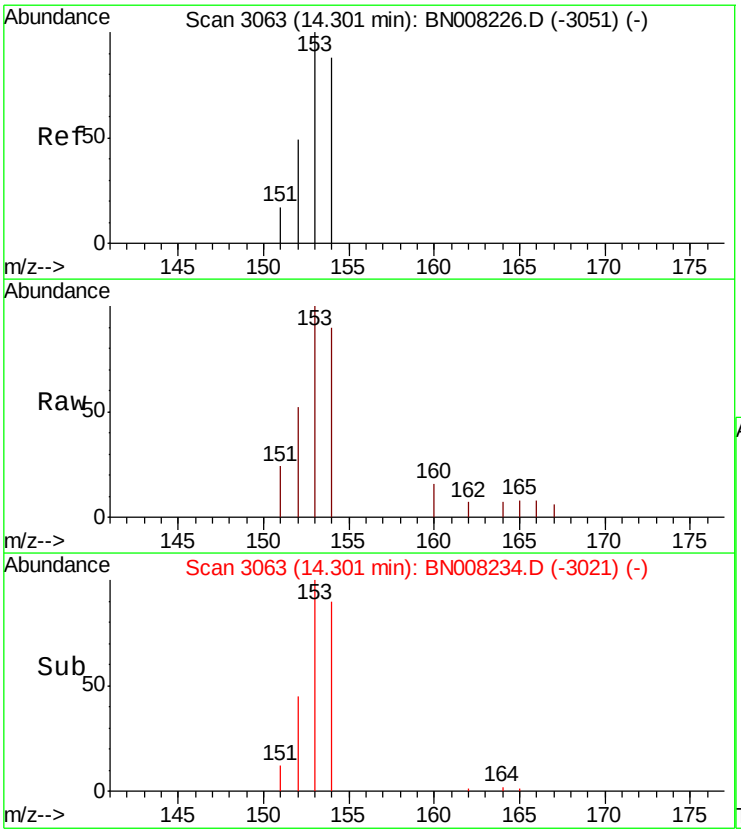
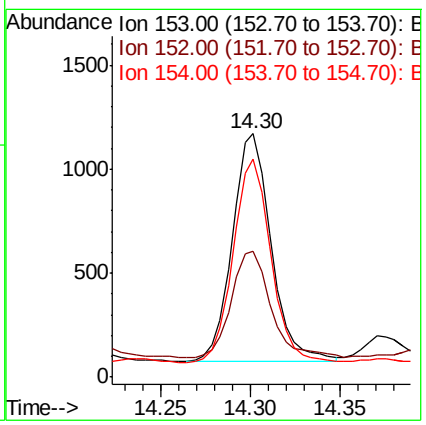
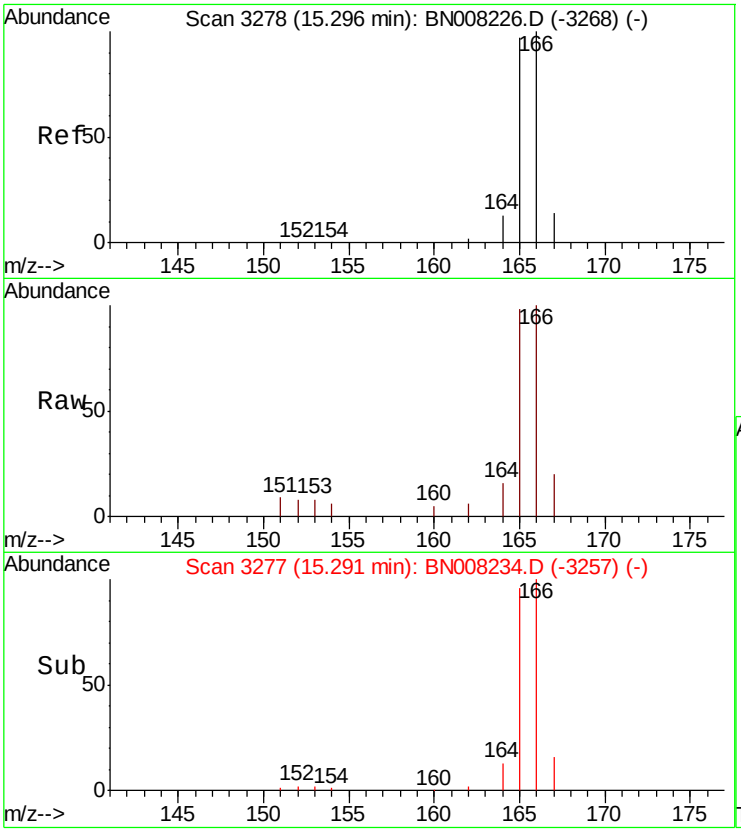


#8
Acenaphthene
Concen: 0.049 ng/ul
RT: 14.30 min Scan# 3063
Delta R.T. -0.00 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:153 Resp: 1644

Ion	Ratio	Lower	Upper
153	100		
152	51.8	38.2	57.2
154	89.7	71.8	107.8





#9
Fluorene
Concen: 0.061 ng/ul
RT: 15.29 min Scan# 3277
Delta R.T. -0.01 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:166 Resp: 2347

Ion	Ratio	Lower	Upper
166	100		
165	98.2	76.6	115.0
167	19.6	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
BEP96

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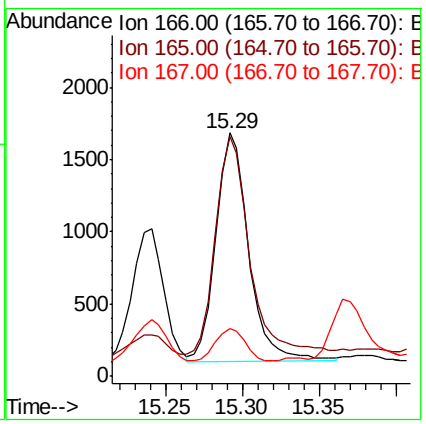
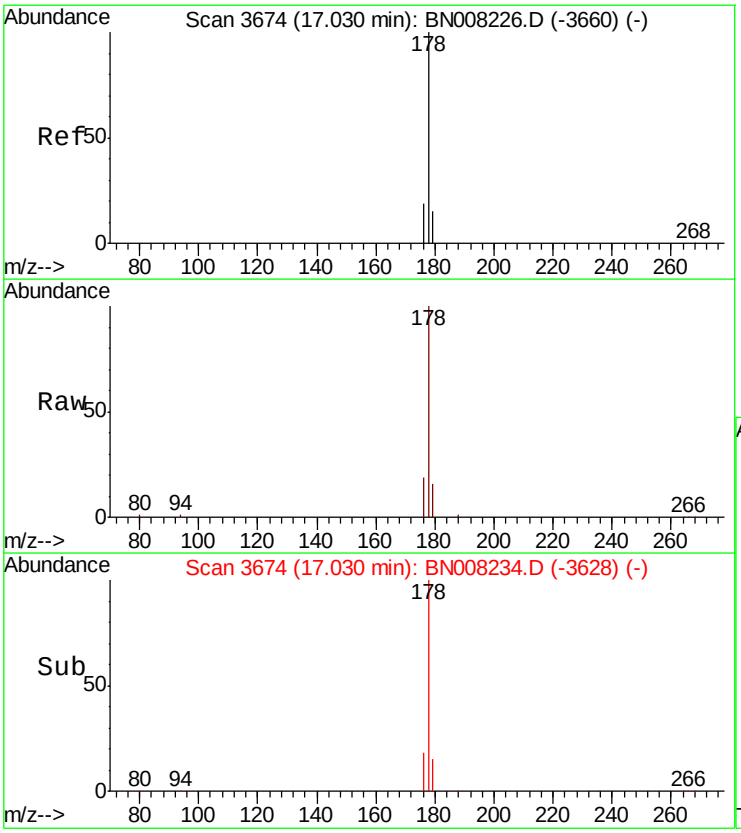
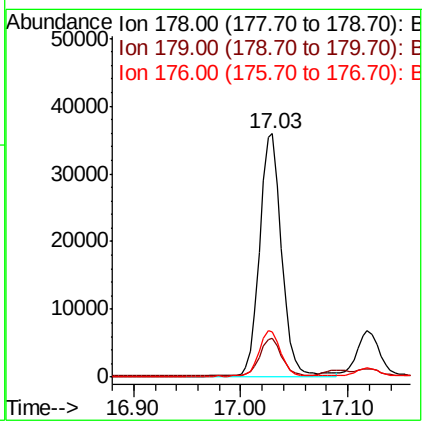


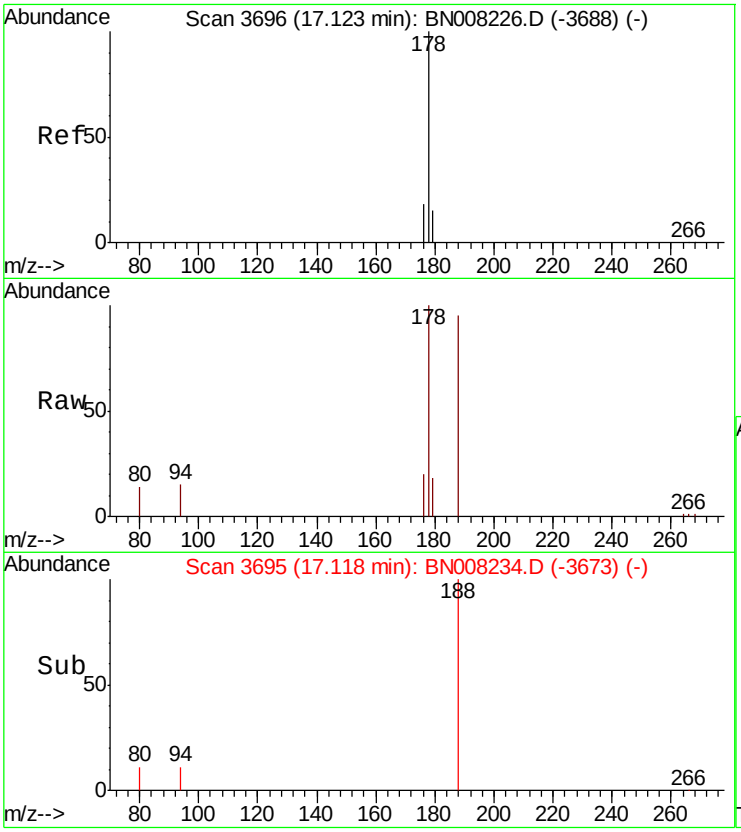


#12
Phenanthrene
Concen: 0.902 ng/ul
RT: 17.03 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:178 Resp: 51330

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	18.6	15.4	23.2

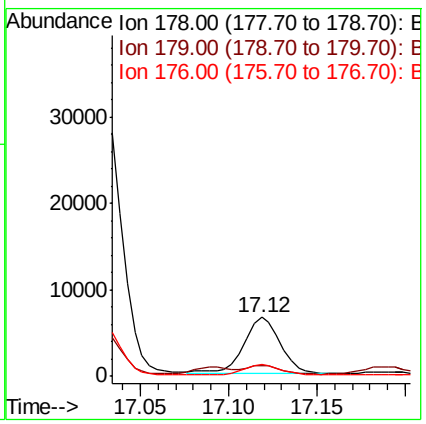




#13
Anthracene
Concen: 0.187 ng/ul
RT: 17.12 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:178 Resp: 9382

Ion	Ratio	Lower	Upper
178	100		
179	18.3	13.0	19.6
176	19.8	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEP96

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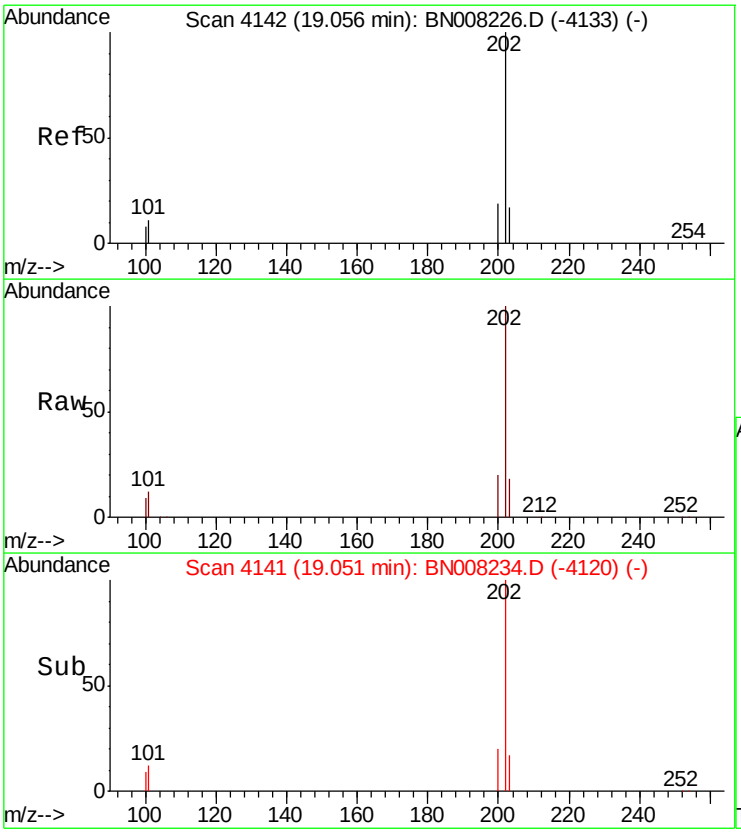
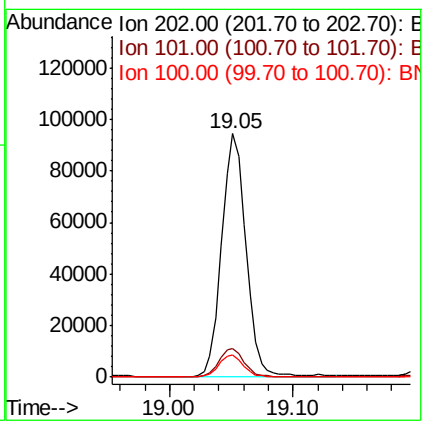
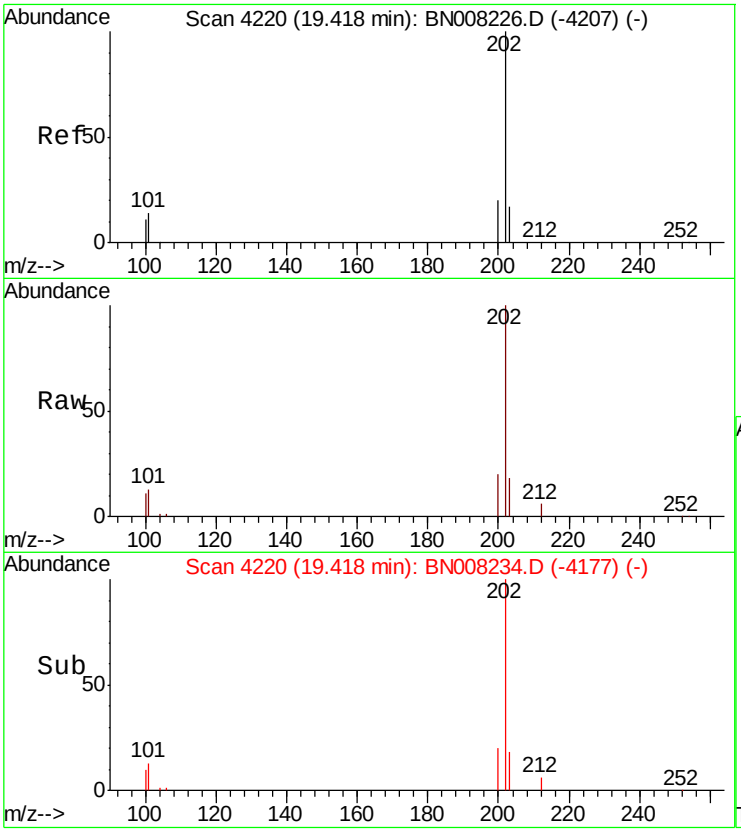


#15
Fluoranthene
Concen: 1.707 ng/ul
RT: 19.05 min Scan# 4141
Delta R.T. -0.00 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:202 Resp: 128281

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.2
100	8.9	0.0	28.5





#17
Pyrene
Concen: 2.042 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:202 Resp: 115589

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.9	16.3
100	10.6	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEP96

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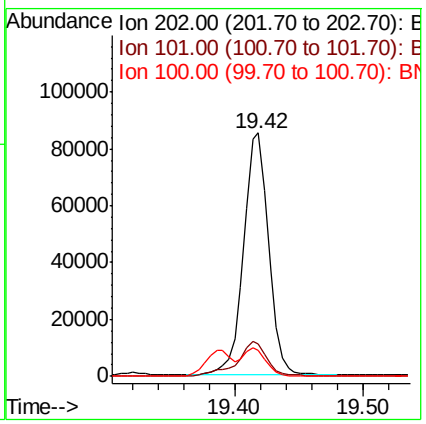
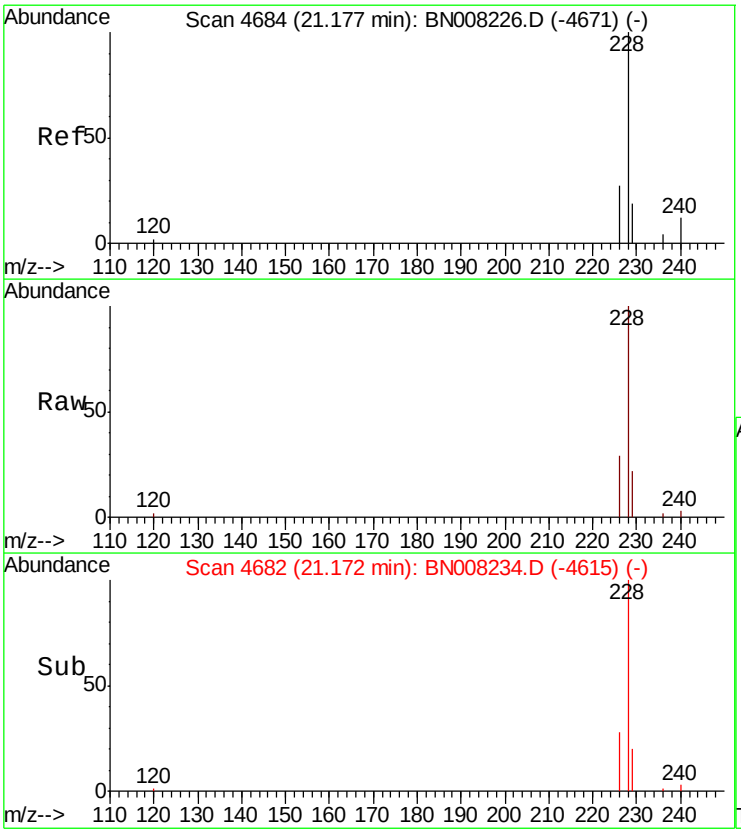
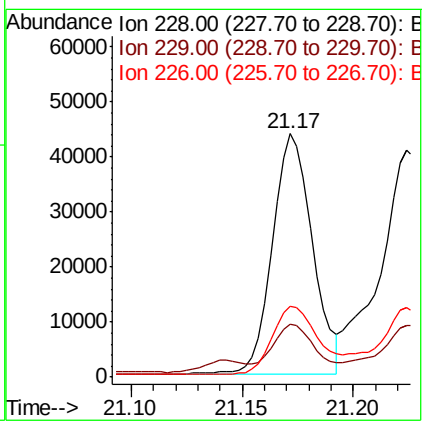


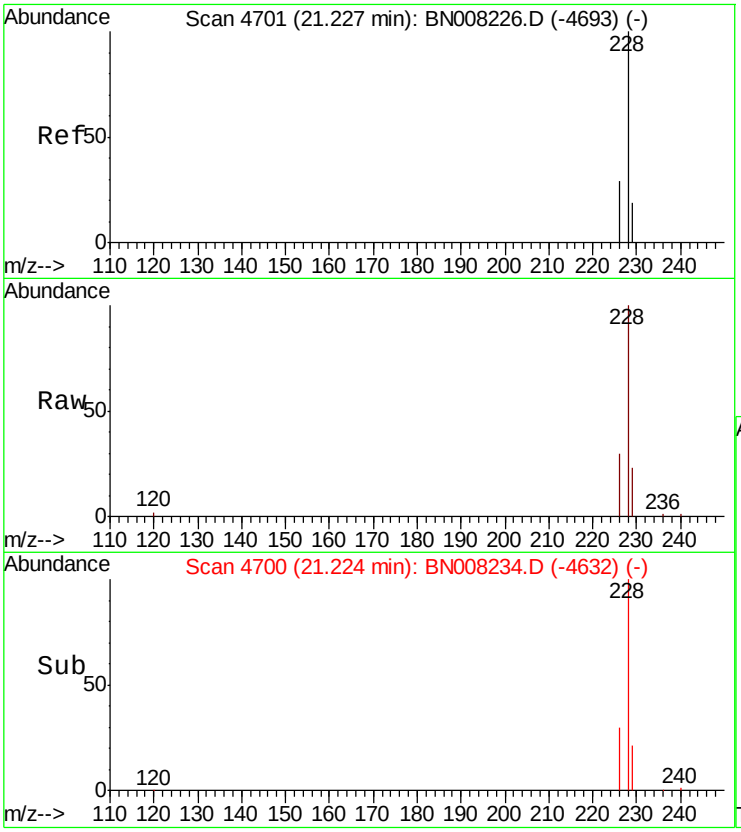


#18
Benzo(a)anthracene
Concen: 1.047 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. -0.01 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:228 Resp: 54138

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.2	24.2
226	29.2	21.4	32.0

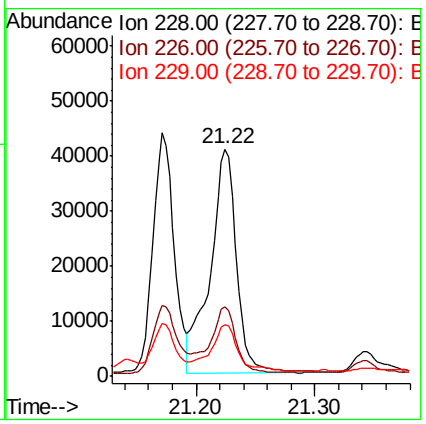




#19
Chrysene
Concen: 0.989 ng/ul
RT: 21.22 min Scan# 4700
Delta R.T. -0.00 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:228 Resp: 62772

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	22.9	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
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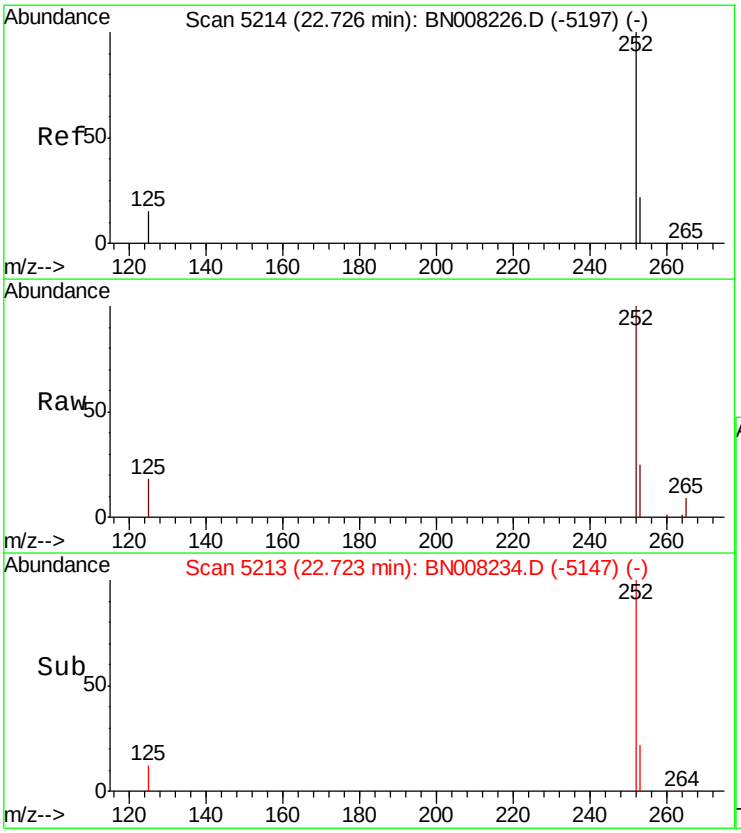
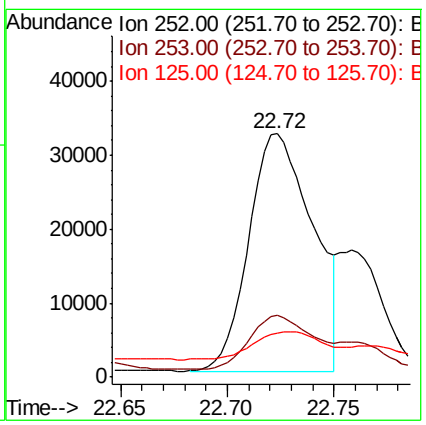
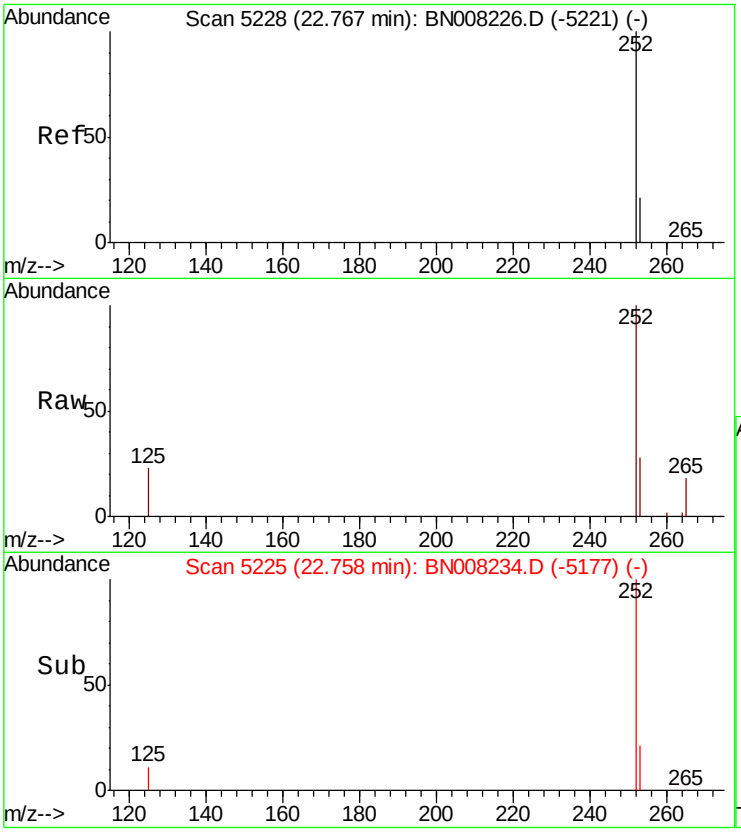


#21
Benzo(b)fluoranthene
Concen: 1.641 ng/ul m
RT: 22.72 min Scan# 5213
Delta R.T. -0.01 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:252 Resp: 67475

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	53.4
125	18.3	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 0.478 ng/ul m
RT: 22.76 min Scan# 5225
Delta R.T. -0.01 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:252 Resp: 22250

Ion	Ratio	Lower	Upper
252	100		
253	27.5	21.3	31.9
125	23.4	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
BEP96

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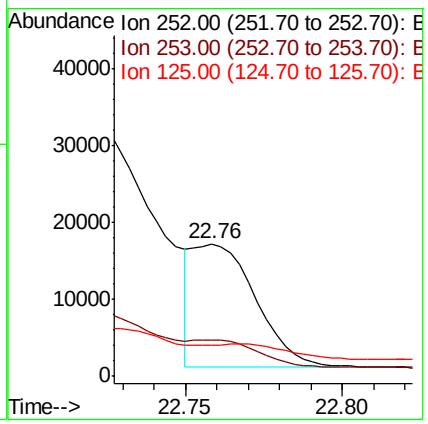
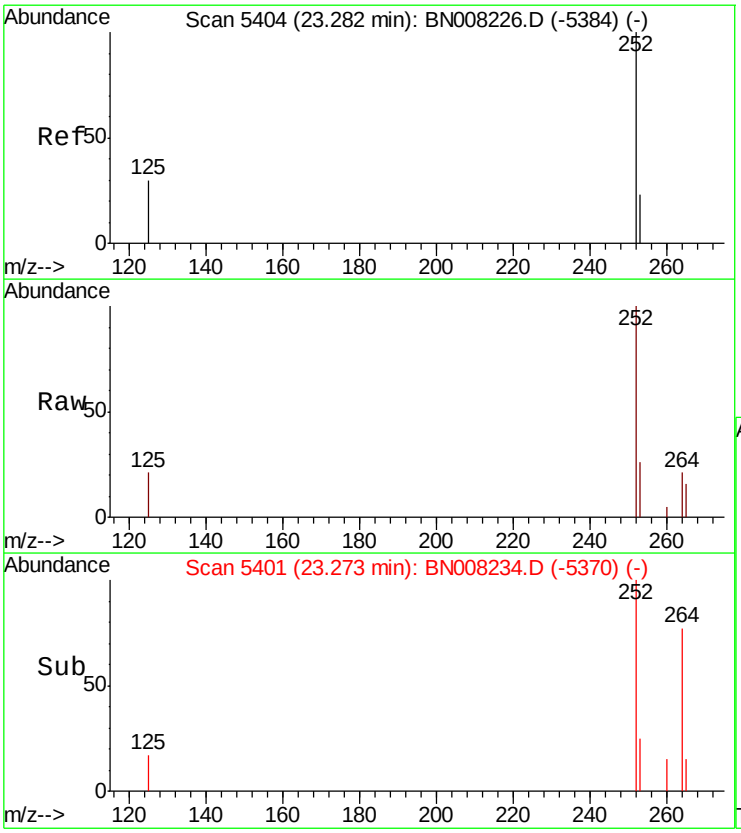
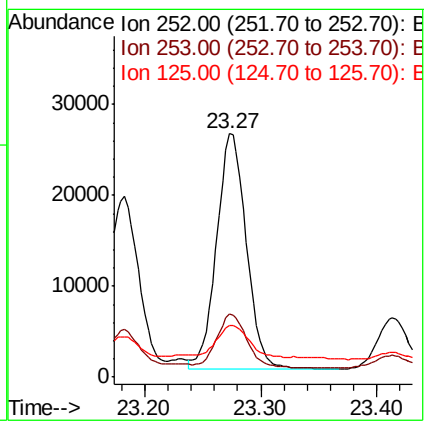


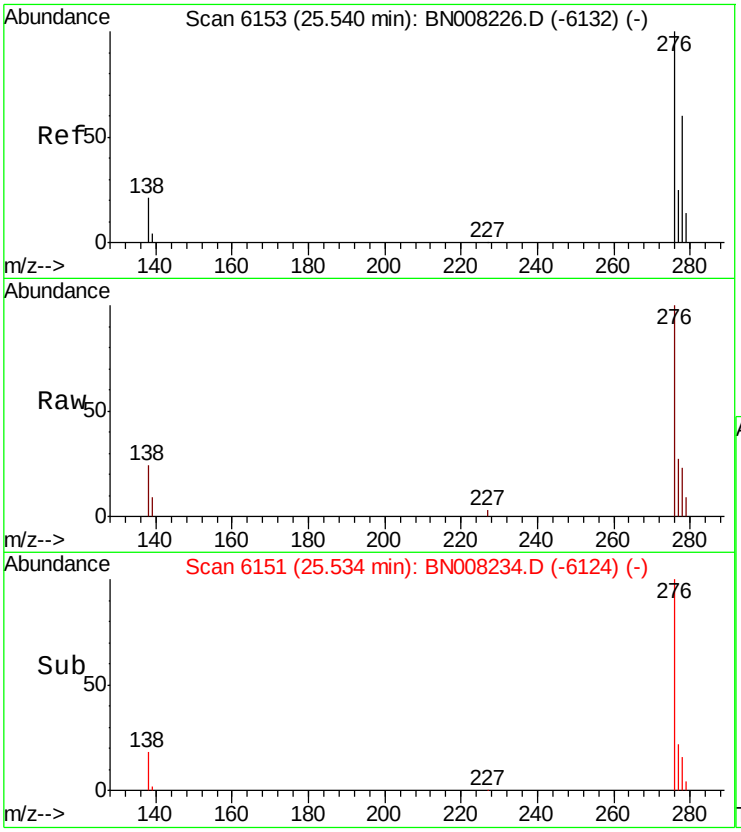


#23
Benzo(a)pyrene
Concen: 1.060 ng/ul
RT: 23.27 min Scan# 5401
Delta R.T. -0.01 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:252 Resp: 45886

Ion	Ratio	Lower	Upper
252	100		
253	25.7	22.8	34.2
125	21.1	18.4	27.6





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.659 ng/ul
RT: 25.53 min Scan# 6151
Delta R.T. -0.01 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:276 Resp: 33596

Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.1	24.1
227	0.1	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
BEP96

Manual Integrations APPROVED
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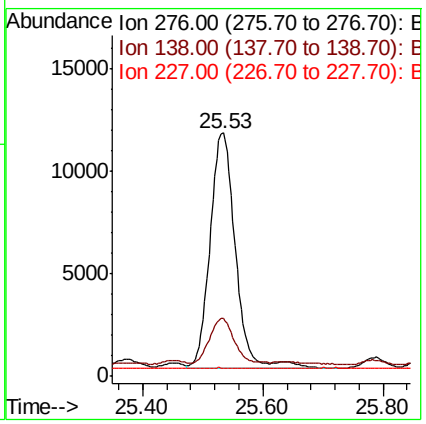
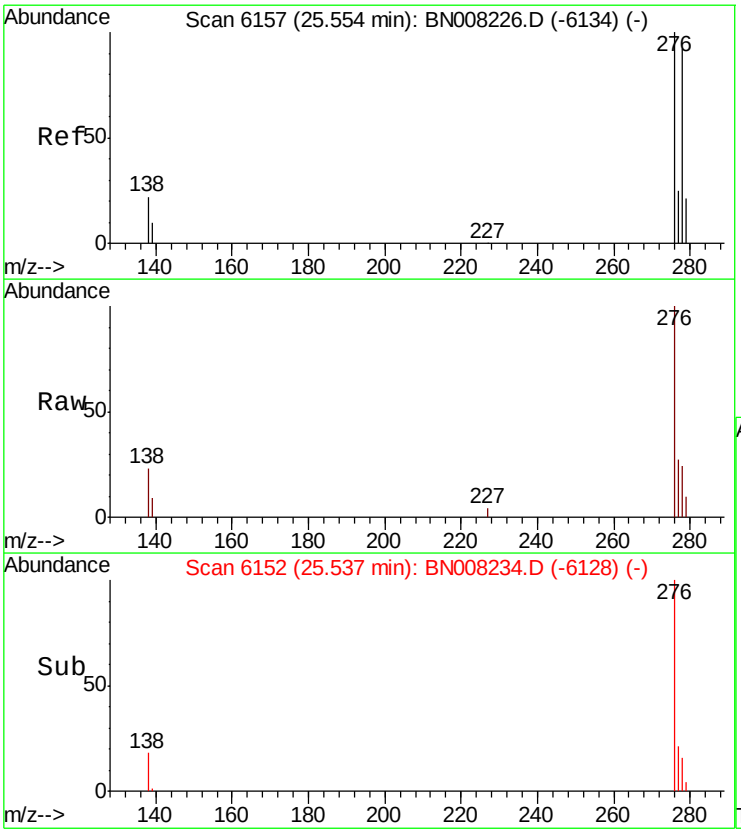
10/20/2019 8:09:33 PM

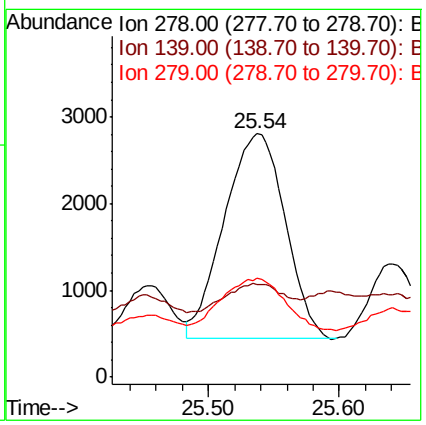


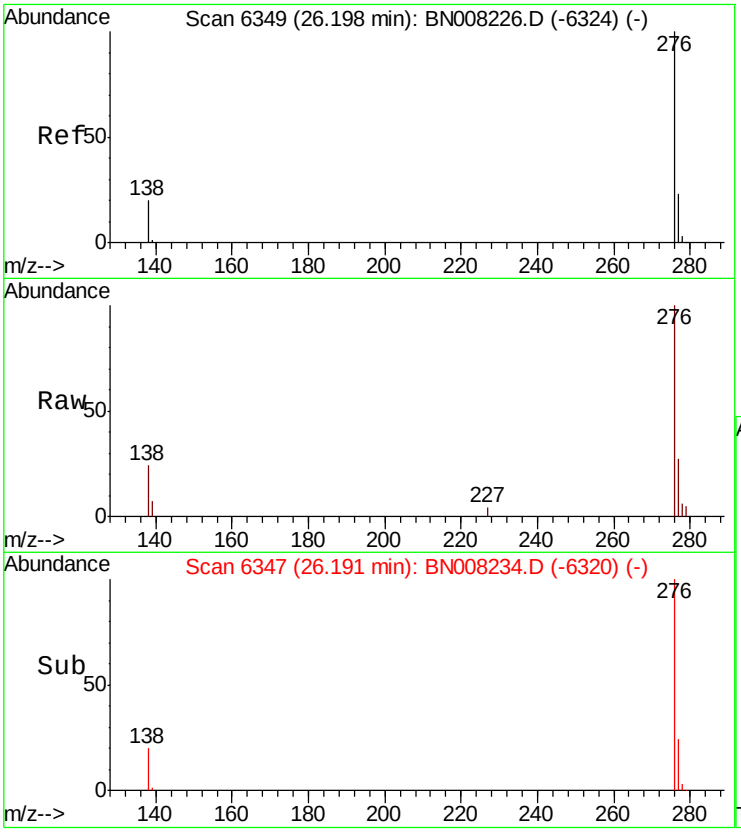


#25
Dibenzo(a,h)anthracene
Concen: 0.189 ng/ul
RT: 25.54 min Scan# 6152
Delta R.T. -0.02 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:278 Resp: 7602

Ion	Ratio	Lower	Upper
278	100		
139	38.2	15.0	22.6#
279	40.6	22.4	33.6#

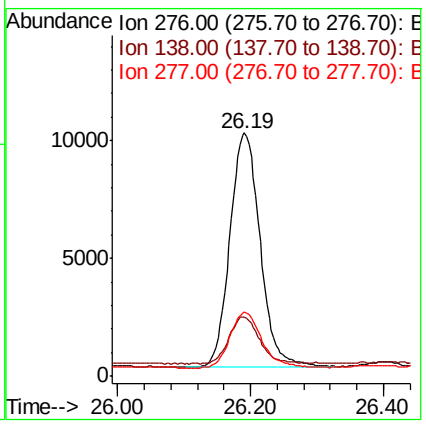




#26
Benzo(g,h,i)perylene
Concen: 0.681 ng/ul
RT: 26.19 min Scan# 6347
Delta R.T. -0.01 min
Lab File: BN008234.D
Acq: 17 Oct 2019 22:58

Tgt Ion:276 Resp: 31811

Ion	Ratio	Lower	Upper
276	100		
138	24.2	17.0	25.4
277	26.7	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEP96

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:33 PM