Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008172.D
Acq On : 15 Oct 2019 14:27
Operator : JU
Sample : K5175-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEP84

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:52 PM

Quant Time: Oct 15 16:06:40 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2068	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	10309	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6733	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	15660m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	16552m	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	13567m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3858	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	14121m	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.43	128	1928	0.066	ng/ul#	89
5) 2-Methylnaphthalene	12.06	142	1119	0.056	ng/ul	98
7) Acenaphthylene	13.97	152	7615	0.237	ng/ul	98
8) Acenaphthene	14.31	153	2249	0.090	ng/ul	97
9) Fluorene	15.31	166	3112	0.110	ng/ul#	96
12) Phenanthrene	17.04	178	74911m	1.634	ng/ul	
13) Anthracene	17.13	178	16780m	0.416	ng/ul	
15) Fluoranthene	19.06	202	206568m	3.411	ng/ul	
17) Pyrene	19.43	202	207762	3.152	ng/ul	98
18) Benzo(a)anthracene	21.18	228	136023m	2.260	ng/ul	
19) Chrysene	21.23	228	143822	1.947	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	152485m	3.453	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	60930m	1.218	ng/ul	
23) Benzo(a)pyrene	23.28	252	107483m	2.313	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.55	276	55947	1.022	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.55	278	14841	0.343	ng/ul	95
26) Benzo(g,h,i)perylene	26.21	276	43680	0.870	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008172.D
Acq On : 15 Oct 2019 14:27
Operator : JU
Sample : K5175-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Oct 15 16:06:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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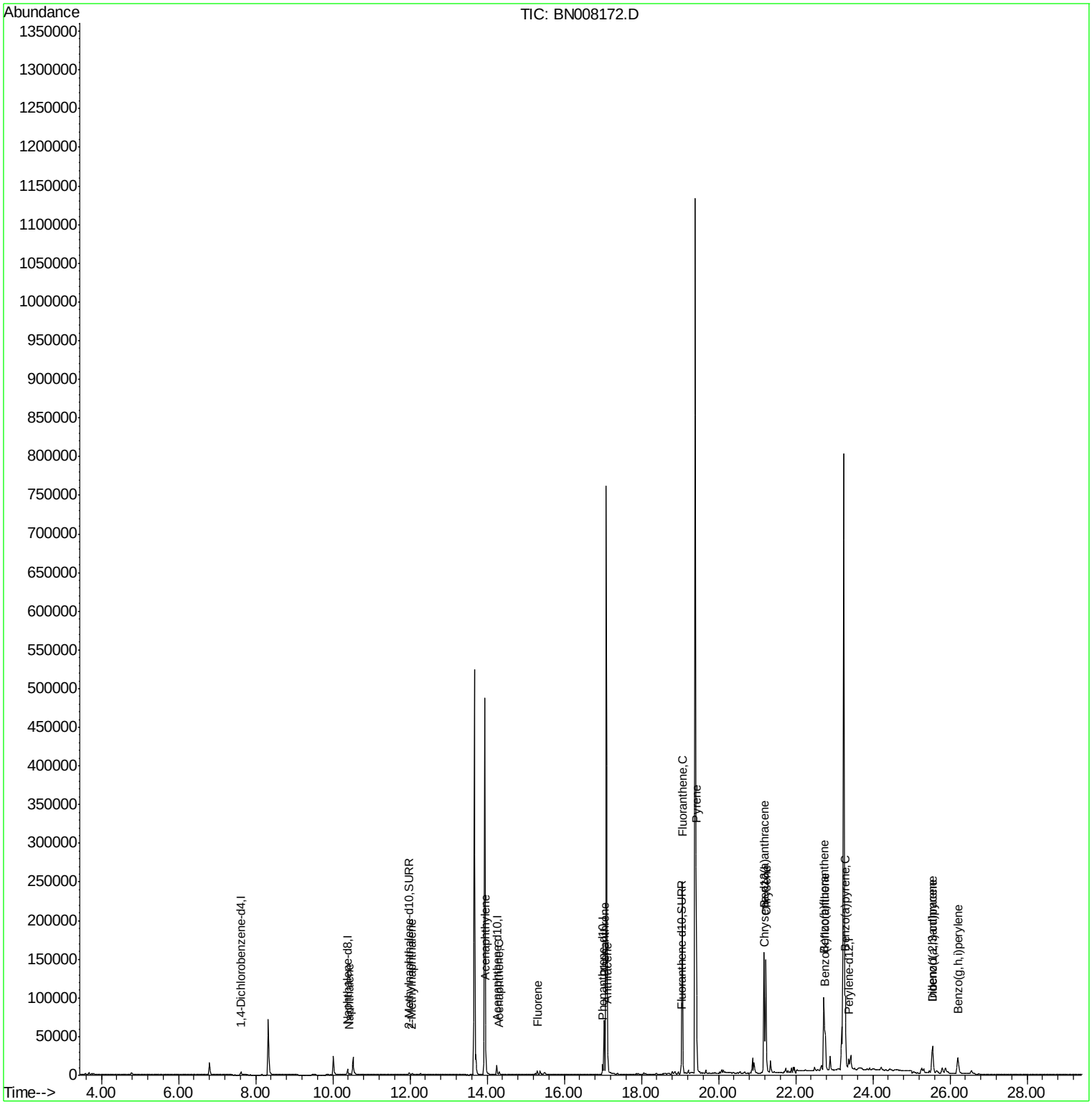

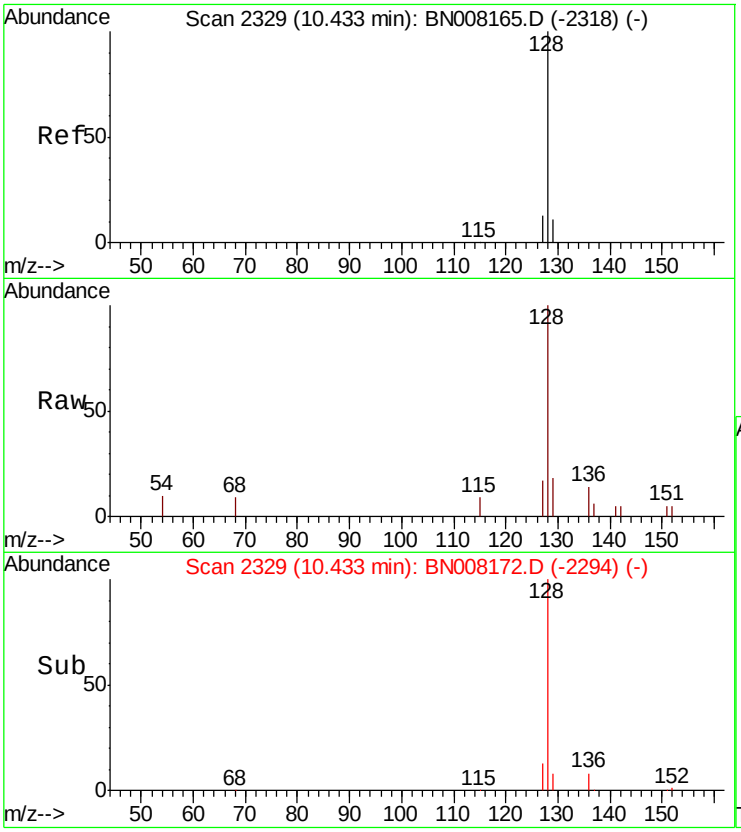

#3
Naphthalene
Concen: 0.066 ng/ul
RT: 10.43 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:128 Resp: 1928

Ion	Ratio	Lower	Upper
128	100		
129	17.7	9.8	14.8#
127	17.3	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEP84

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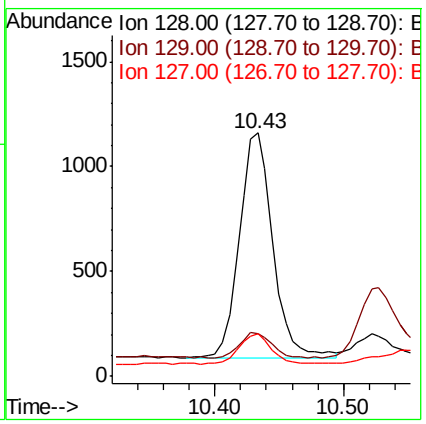
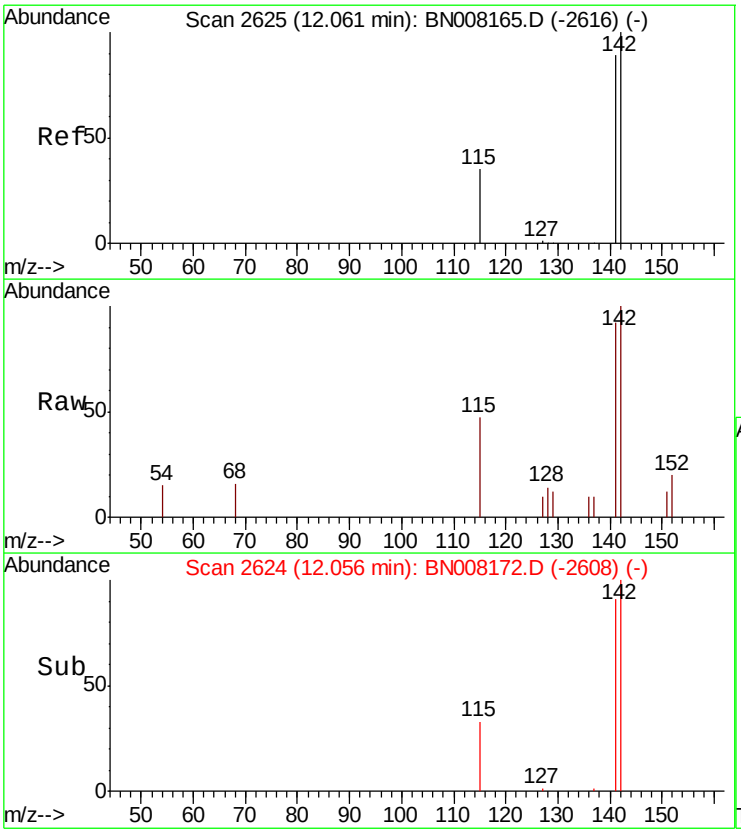
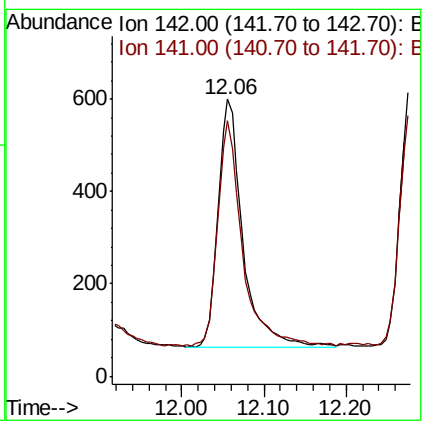


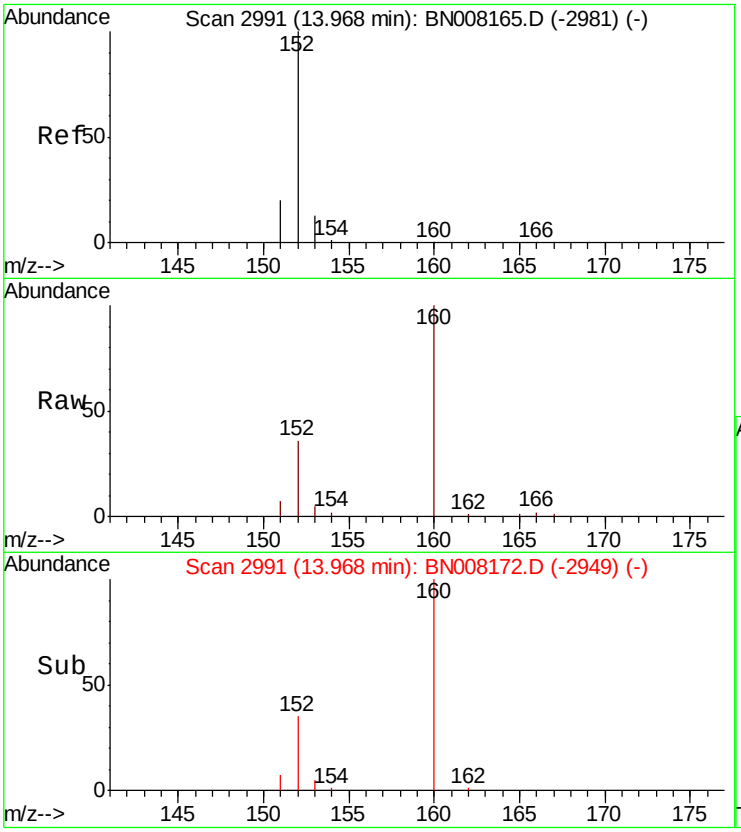


#5
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.06 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:142 Resp: 1119

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.4	107.2

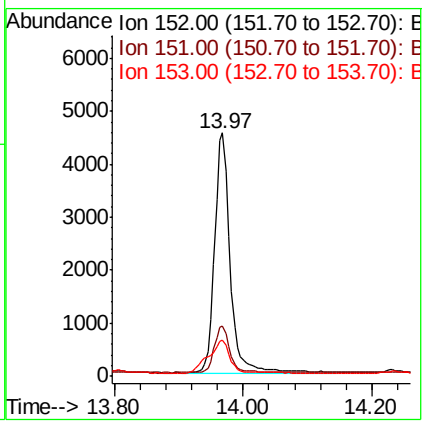




#7
Acenaphthylene
Concen: 0.237 ng/ul
RT: 13.97 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:152 Resp: 7615

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	14.8	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
BEP84

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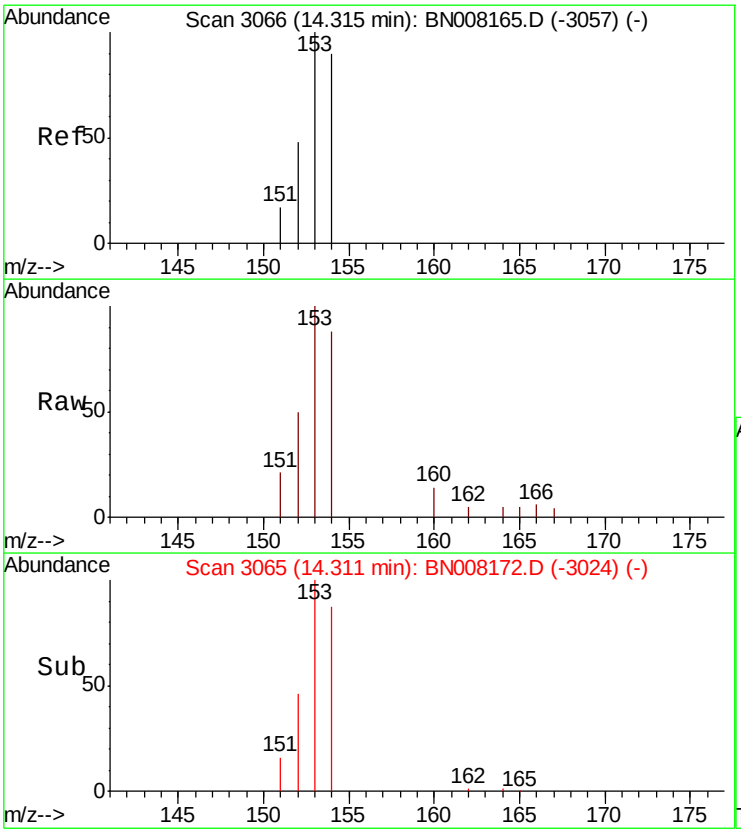
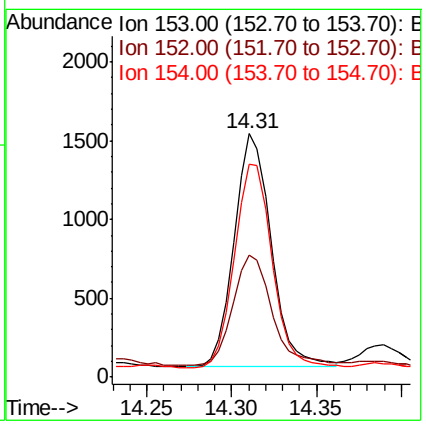
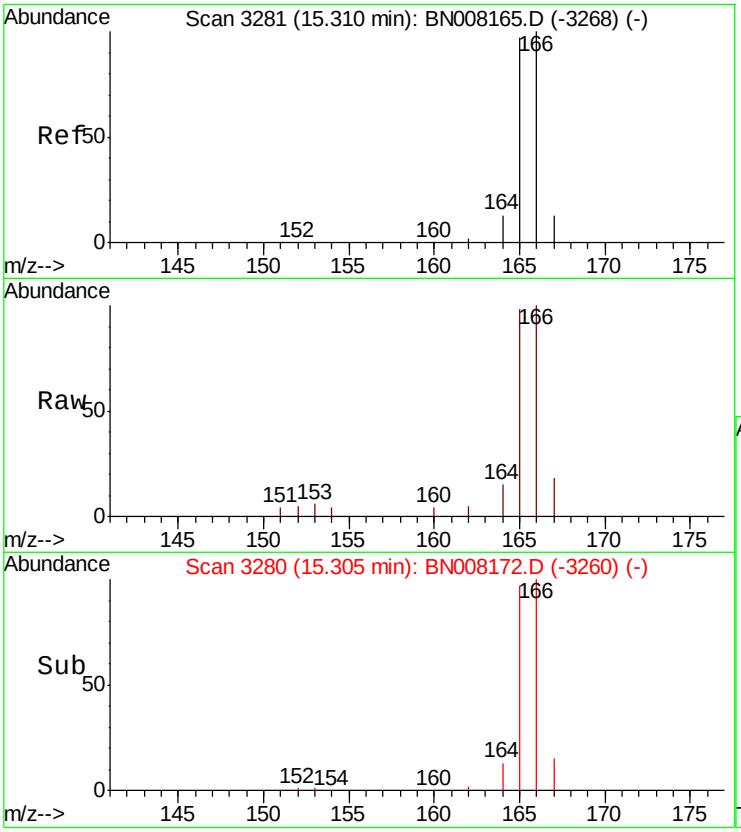


#8
Acenaphthene
Concen: 0.090 ng/ul
RT: 14.31 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:153 Resp: 2249

Ion	Ratio	Lower	Upper
153	100		
152	50.2	38.2	57.2
154	87.6	71.8	107.8





#9
Fluorene
Concen: 0.110 ng/ul
RT: 15.31 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:166 Resp: 3112

Ion	Ratio	Lower	Upper
166	100		
165	98.5	76.6	115.0
167	18.3	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
BEP84

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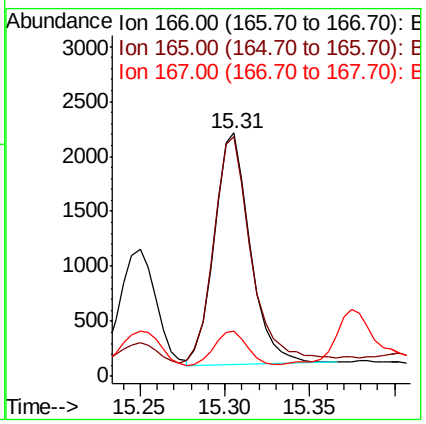
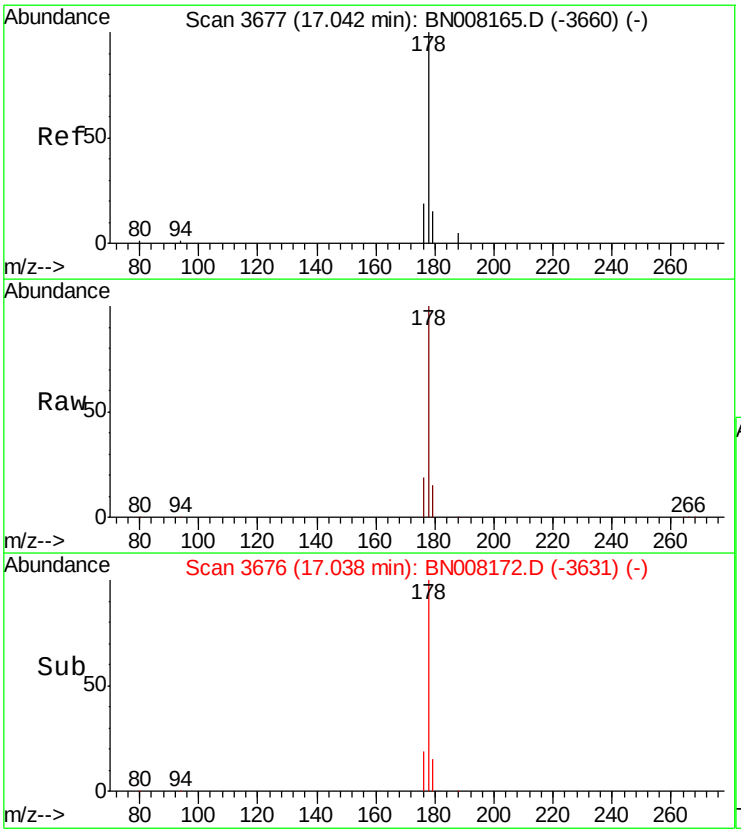
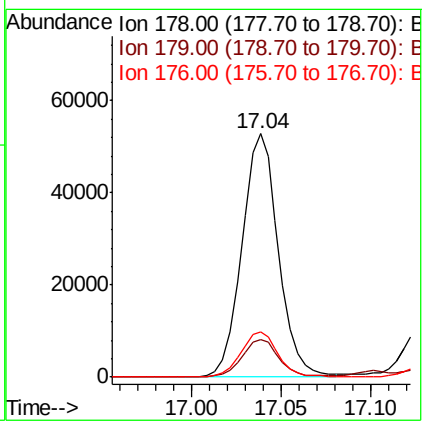


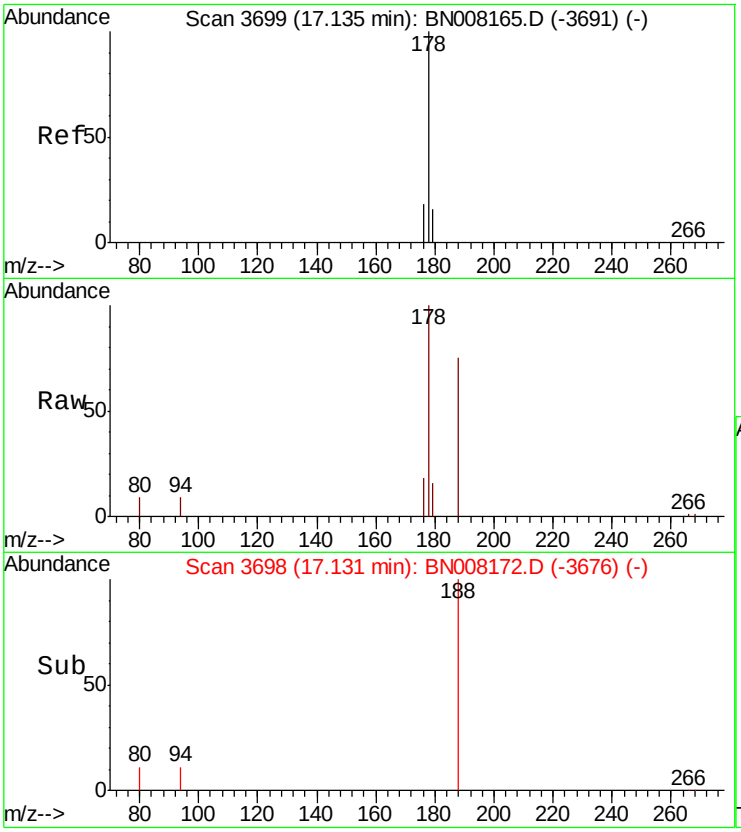


#12
Phenanthrene
Concen: 1.634 ng/ul m
RT: 17.04 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:178 Resp: 74911

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.7	15.4	23.2

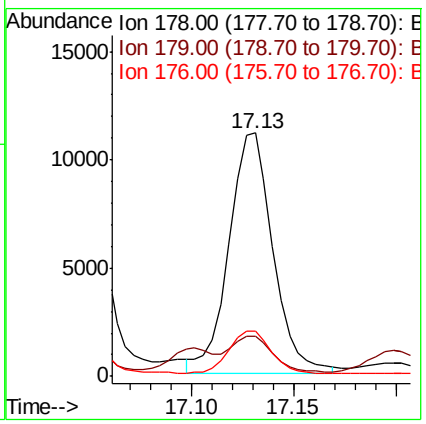




#13
Anthracene
Concen: 0.416 ng/ul m
RT: 17.13 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:178 Resp: 16780

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.6
176	18.4	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEP84

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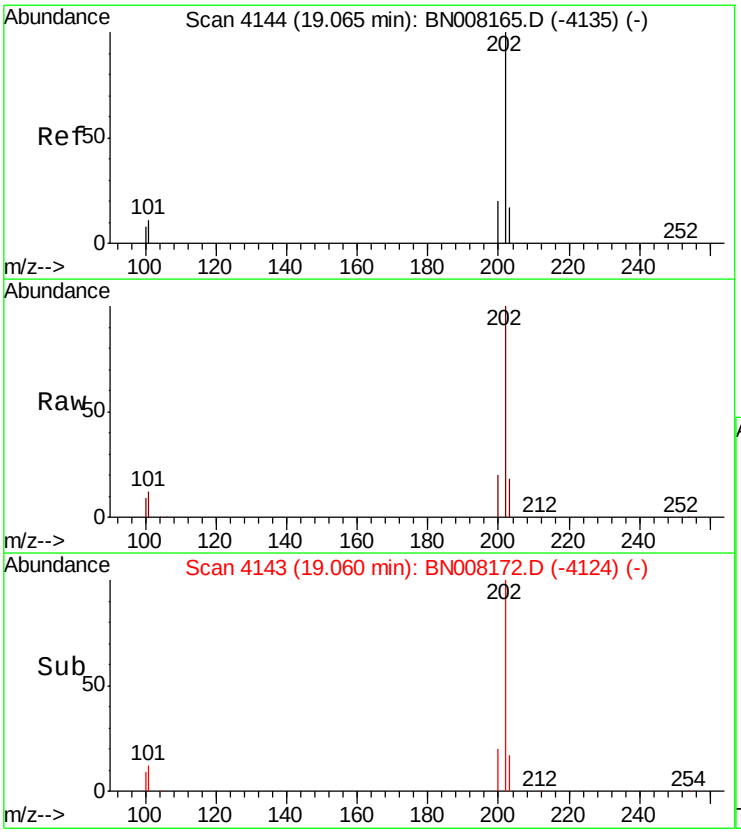
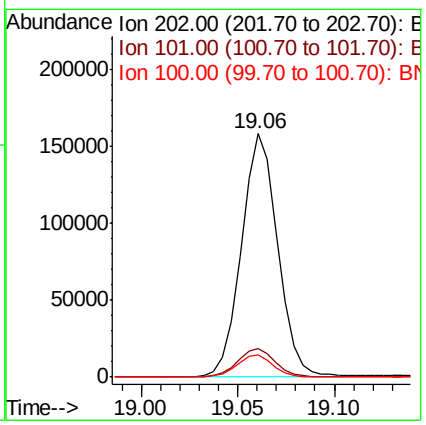
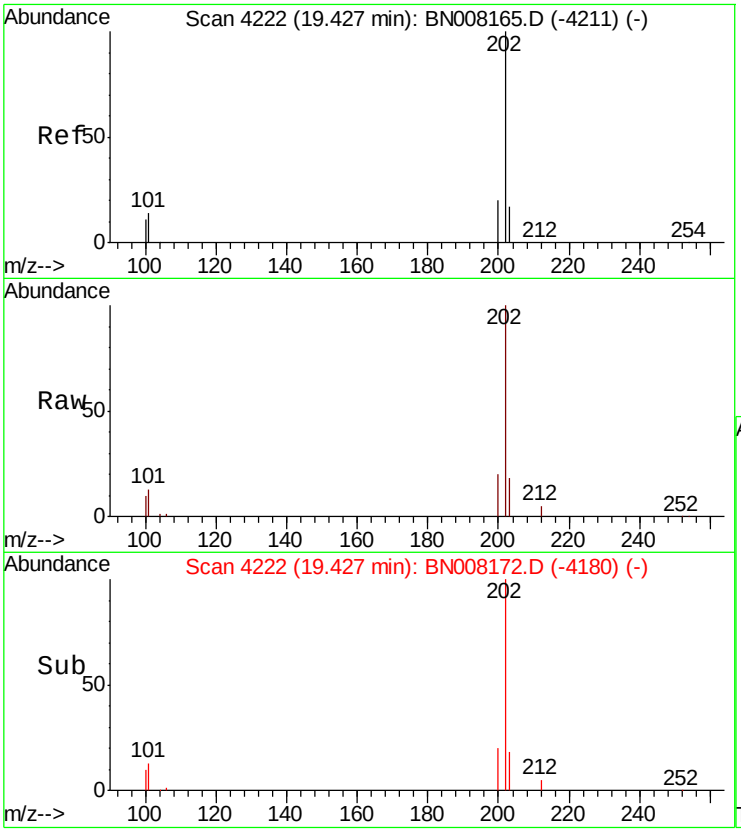


#15
Fluoranthene
Concen: 3.411 ng/ul m
RT: 19.06 min Scan# 4143
Delta R.T. -0.01 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:202 Resp: 206568

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

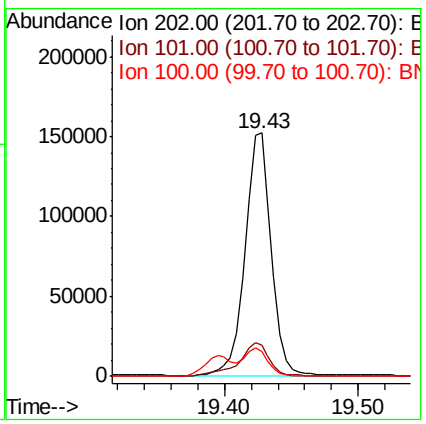




#17
Pyrene
Concen: 3.152 ng/ul
RT: 19.43 min Scan# 4222
Delta R.T. -0.00 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:202 Resp: 207762

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.9	16.3
100	10.3	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
BEP84

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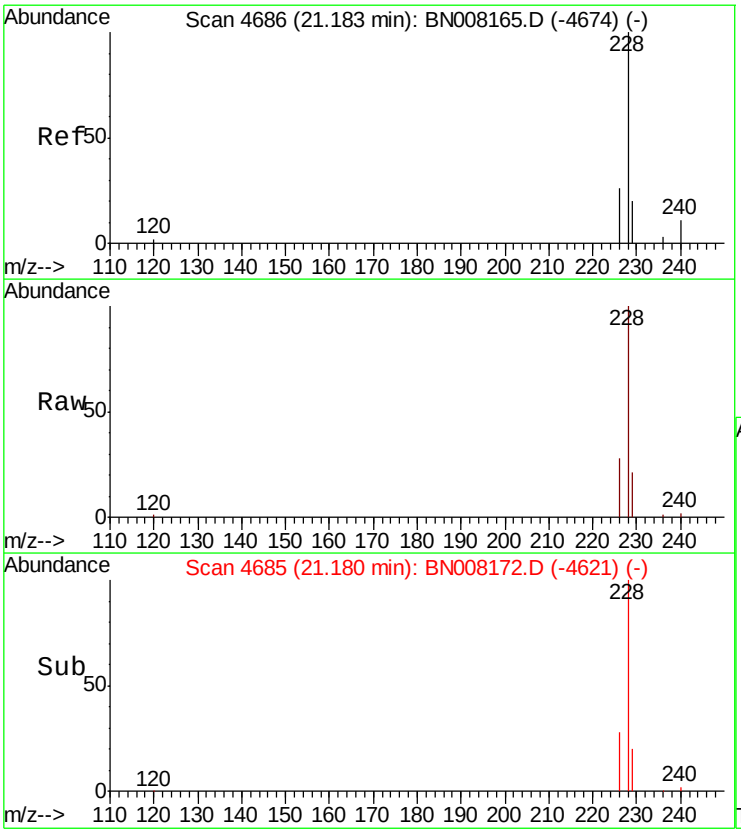
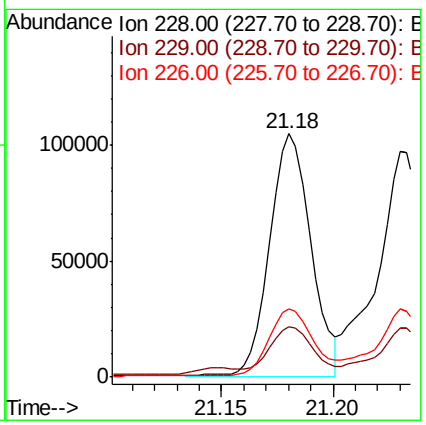
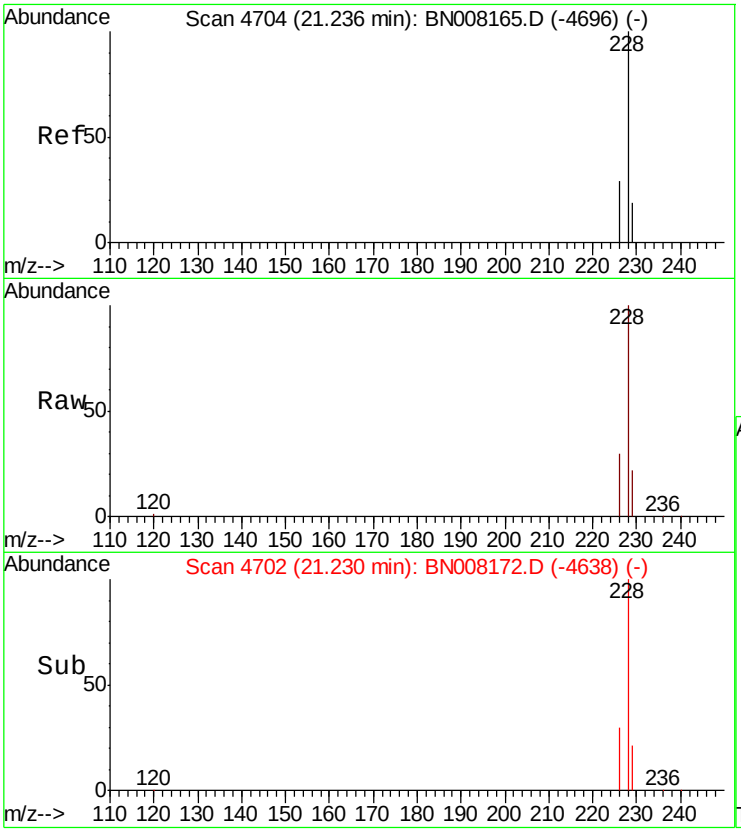


#18
Benzo(a)anthracene
Concen: 2.260 ng/ul m
RT: 21.18 min Scan# 4685
Delta R.T. -0.01 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:228 Resp: 136023

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.2
226	28.2	21.4	32.0

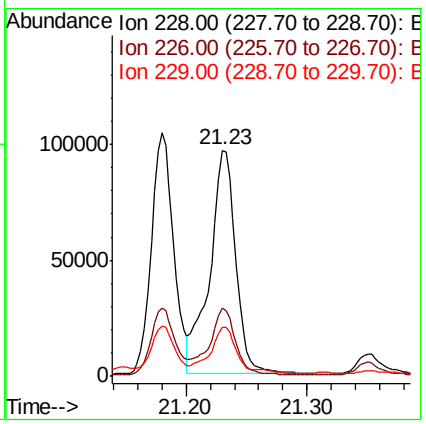




#19
Chrysene
Concen: 1.947 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:228 Resp: 143822

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	21.7	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
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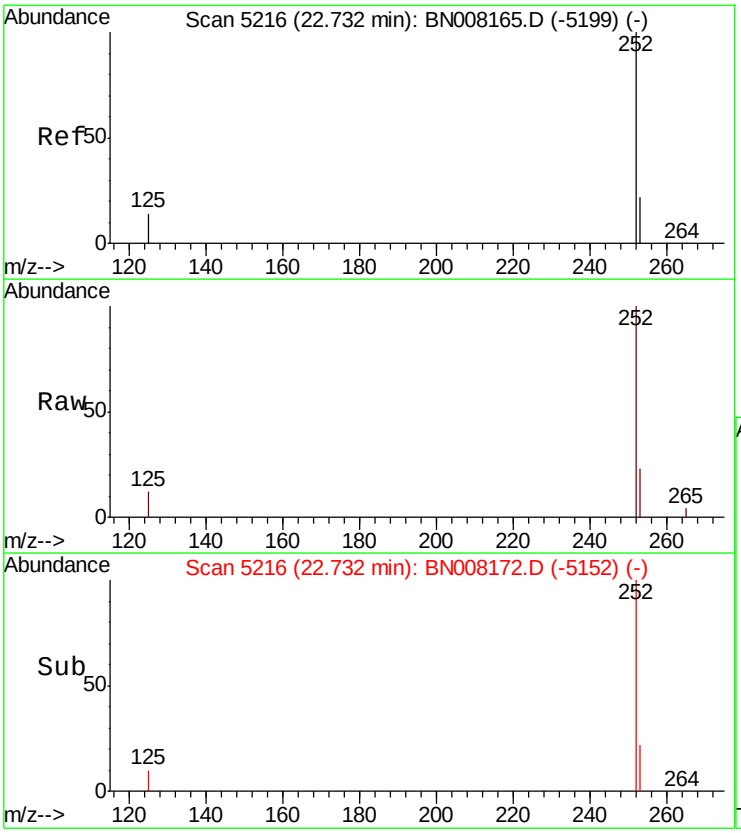
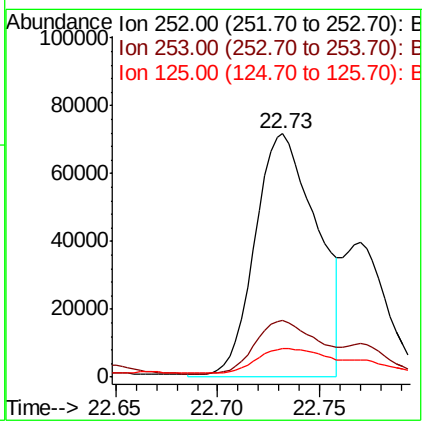
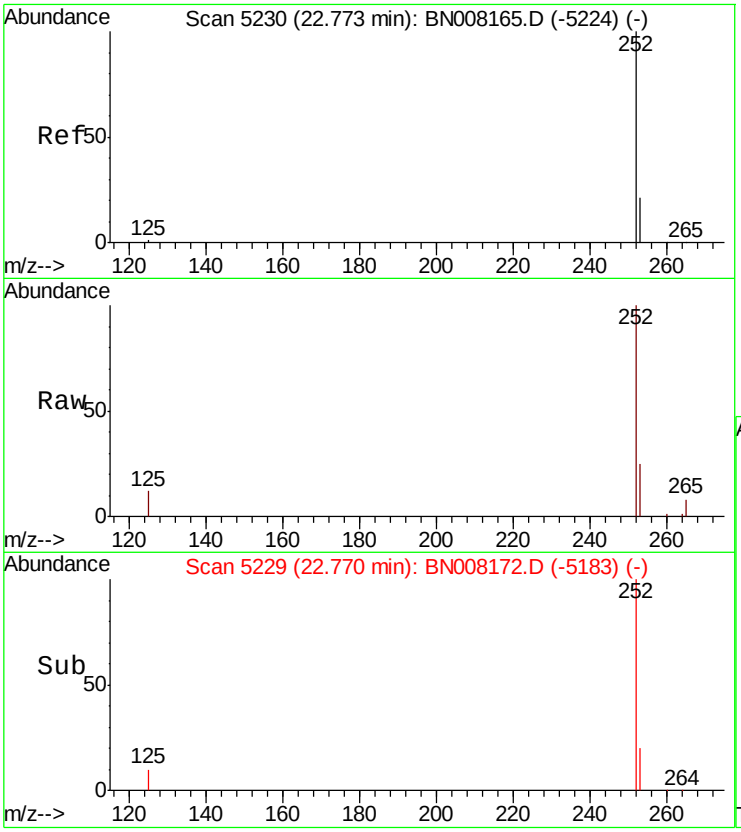


#21
Benzo(b)fluoranthene
Concen: 3.453 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.01 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:252 Resp: 152485

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	53.4
125	11.8	0.0	32.4

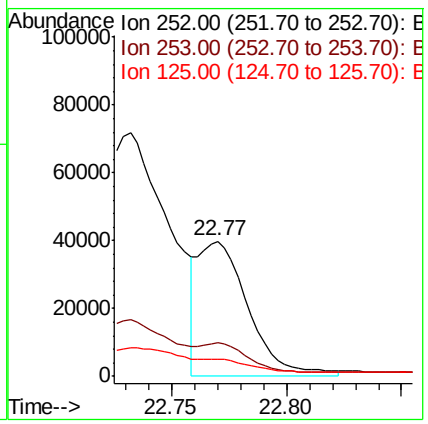




#22
Benzo(k)fluoranthene
Concen: 1.218 ng/ul m
RT: 22.77 min Scan# 5229
Delta R.T. -0.01 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:252 Resp: 60930

Ion	Ratio	Lower	Upper
252	100		
253	24.7	21.3	31.9
125	12.5	12.3	18.5



Instrument :
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ClientSampleId :
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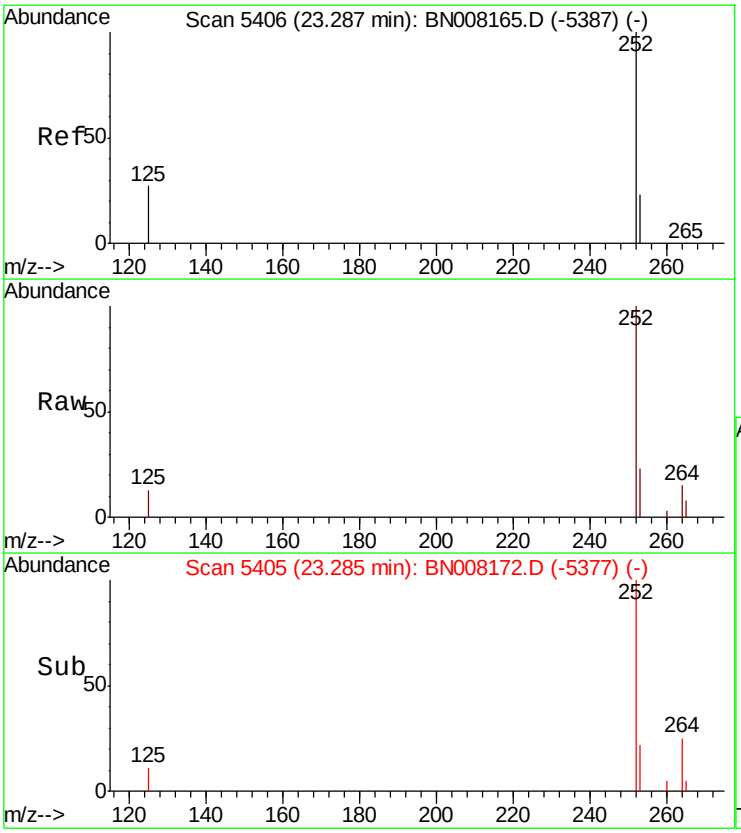
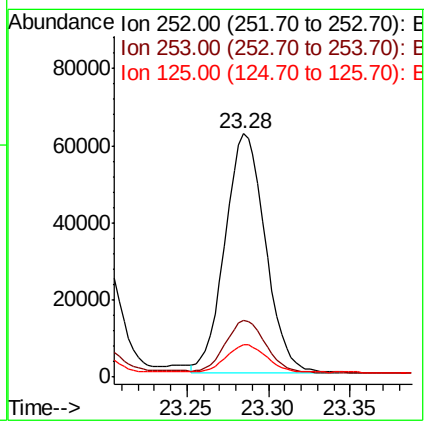
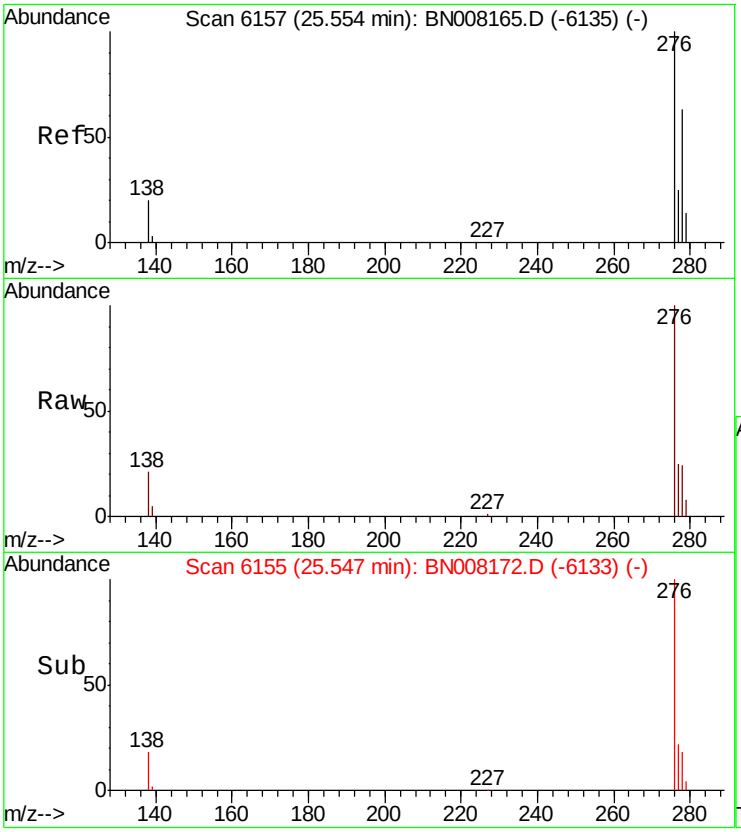


#23
Benzo(a)pyrene
Concen: 2.313 ng/ul m
RT: 23.28 min Scan# 5405
Delta R.T. -0.02 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:252 Resp: 107483

Ion	Ratio	Lower	Upper
252	100		
253	23.3	22.8	34.2
125	13.3	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.022 ng/ul
RT: 25.55 min Scan# 6155
Delta R.T. -0.03 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:276 Resp: 55947

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.1	24.1
227	0.1	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
BEP84

Manual Integrations APPROVED
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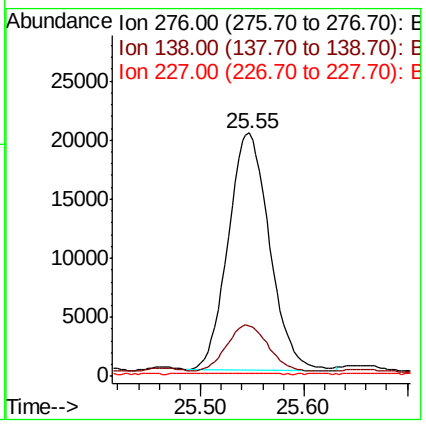
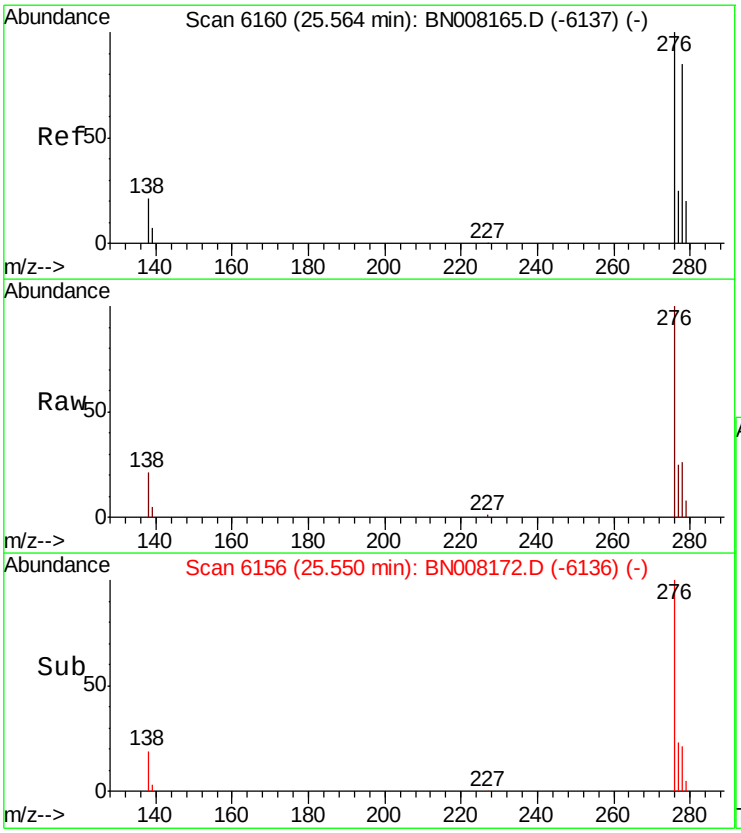
10/16/2019 4:07:52 PM

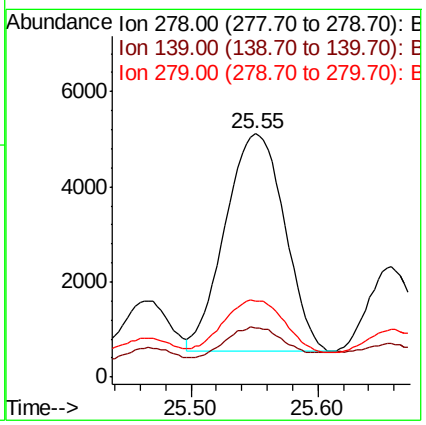


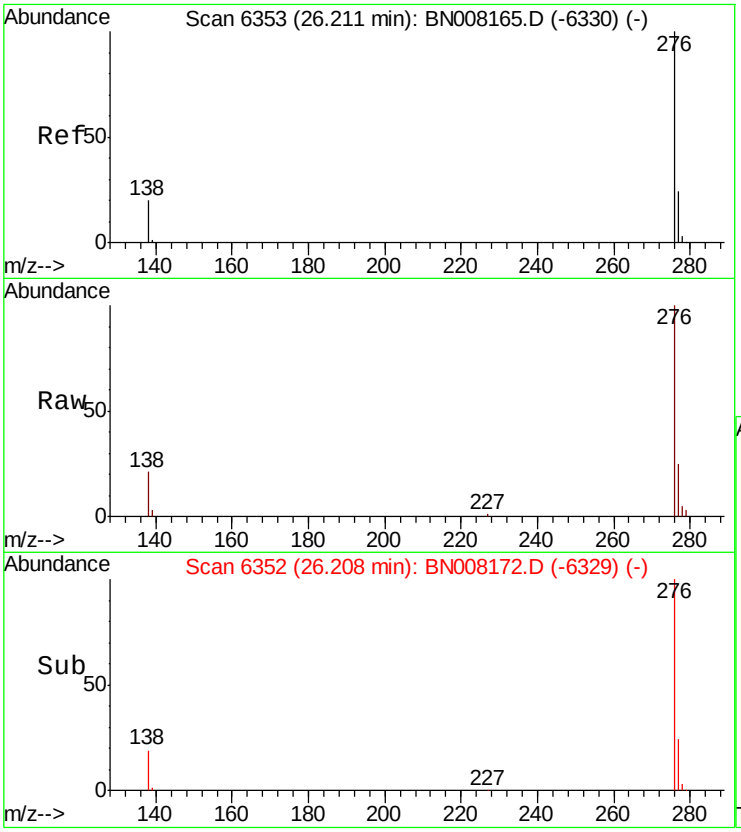


#25
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 25.55 min Scan# 6156
Delta R.T. -0.03 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:278 Resp: 14841

Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.0	22.6
279	31.4	22.4	33.6

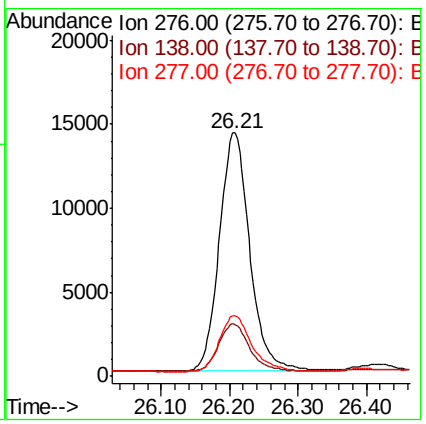




#26
Benzo(g,h,i)perylene
Concen: 0.870 ng/ul
RT: 26.21 min Scan# 6352
Delta R.T. -0.02 min
Lab File: BN008172.D
Acq: 15 Oct 2019 14:27

Tgt Ion:276 Resp: 43680

Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.0	25.4
277	25.0	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEP84

Manual Integrations APPROVED
mohammad
10/16/2019 4:07:52 PM