Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008182.D
Acq On : 15 Oct 2019 20:26
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF7

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:40 PM

Quant Time: Oct 16 04:22:50 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	7.61	152	2449	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	11912	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.25	164	7414	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	16983m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	17179m	0.40	ng/ul	-0.01
20) Perylene-d12	23.38	264	15304m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4171	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	14019m	0.24	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.43	128	5346	0.158	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	4179	0.180	ng/ul	99
7) Acenaphthylene	13.96	152	13933	0.395	ng/ul	99
8) Acenaphthene	14.31	153	8078	0.294	ng/ul	99
9) Fluorene	15.30	166	8499	0.273	ng/ul#	95
12) Phenanthrene	17.03	178	197869m	3.979	ng/ul	
13) Anthracene	17.13	178	38657m	0.883	ng/ul	
15) Fluoranthene	19.06	202	398088m	6.062	ng/ul	
17) Pyrene	19.43	202	469119	6.858	ng/ul	99
18) Benzo(a)anthracene	21.18	228	304022m	4.868	ng/ul	
19) Chrysene	21.23	228	321089	4.189	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	294110m	5.903	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	102829m	1.822	ng/ul	
23) Benzo(a)pyrene	23.28	252	236438	4.510	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.54	276	111656	1.808	ng/ul	100
25) Dibenzo(a,h)anthracene	25.54	278	33131	0.679	ng/ul	96
26) Benzo(g,h,i)perylene	26.20	276	100414	1.773	ng/ul	99

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

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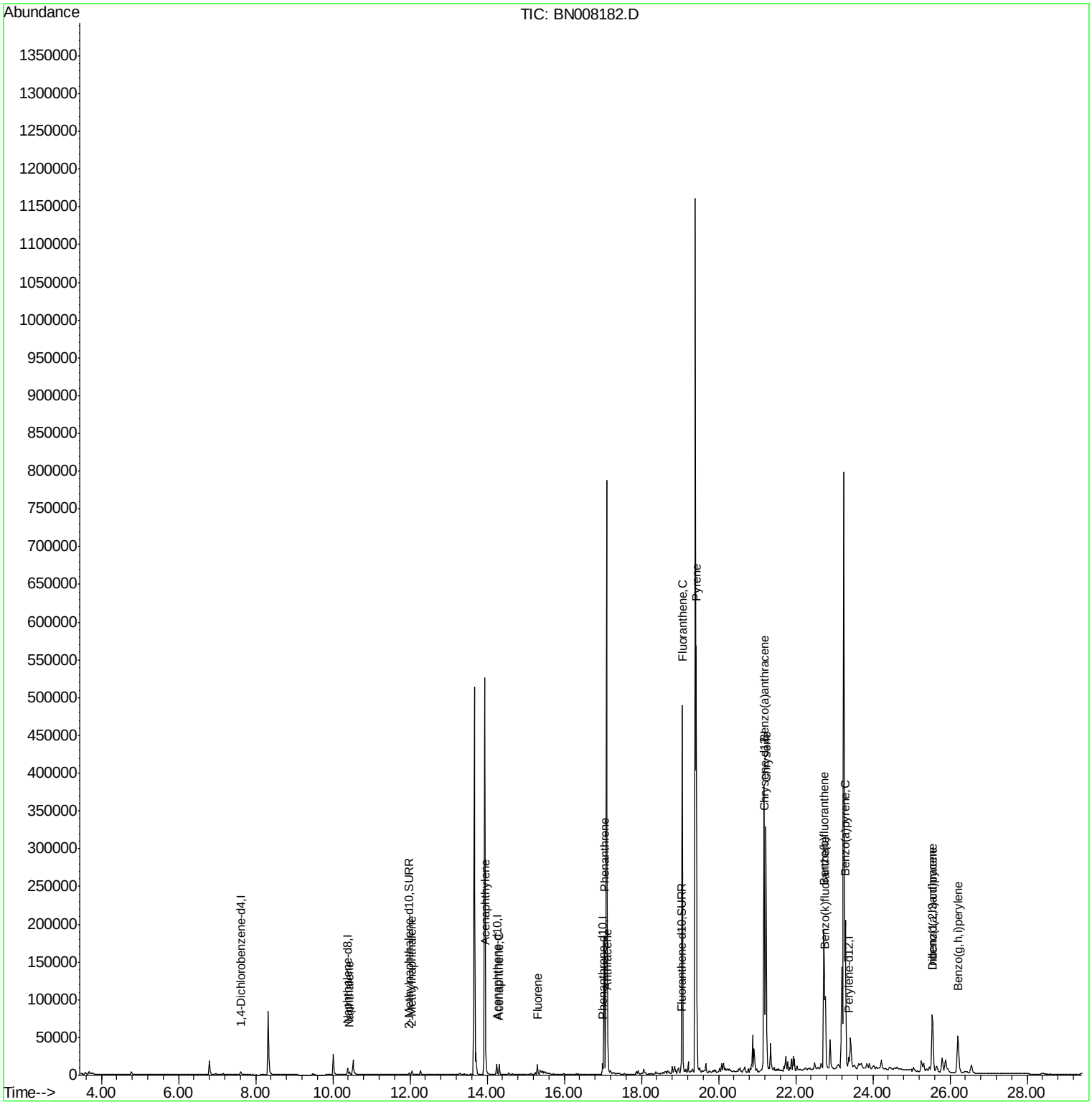

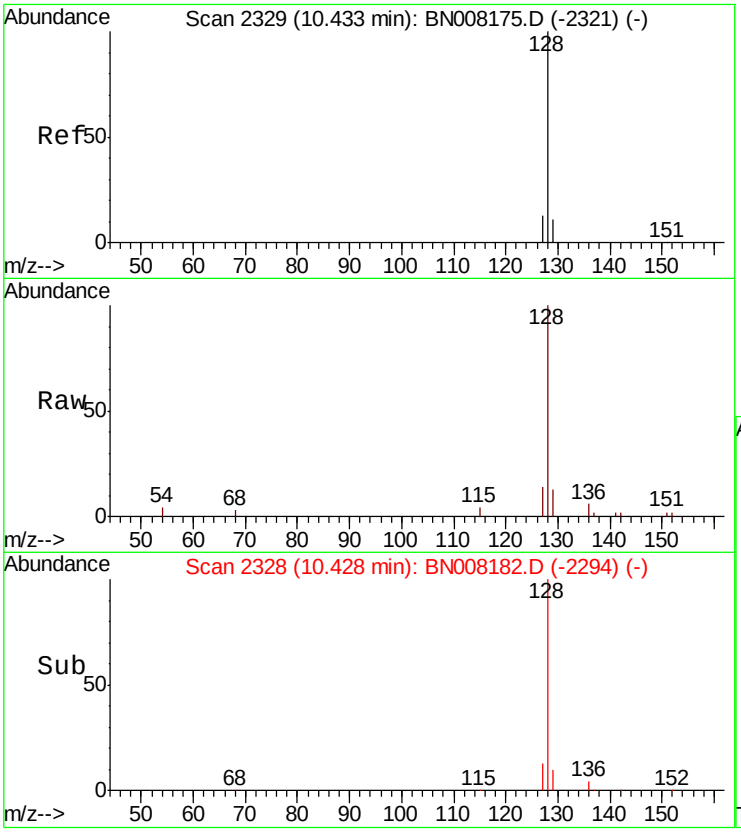

#3
Naphthalene
Concen: 0.158 ng/ul
RT: 10.43 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:128 Resp: 5346

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.8	14.8
127	14.2	11.1	16.7

Instrument :
BNA_N
ClientSampleId :
BEPF7

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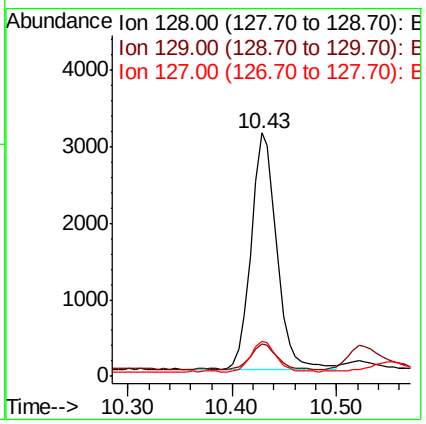
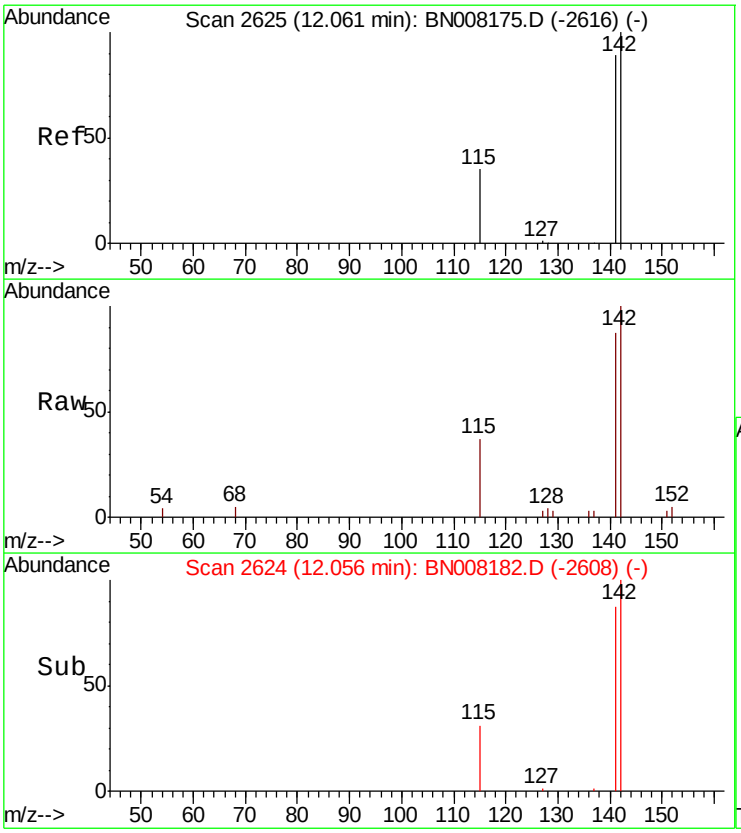
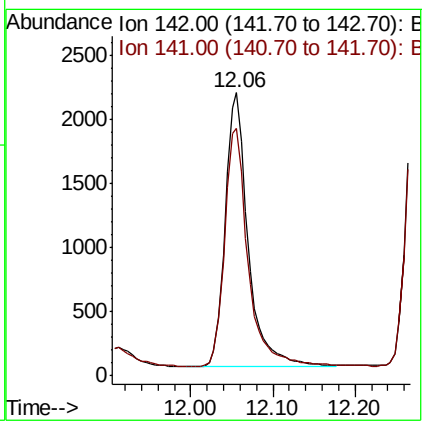


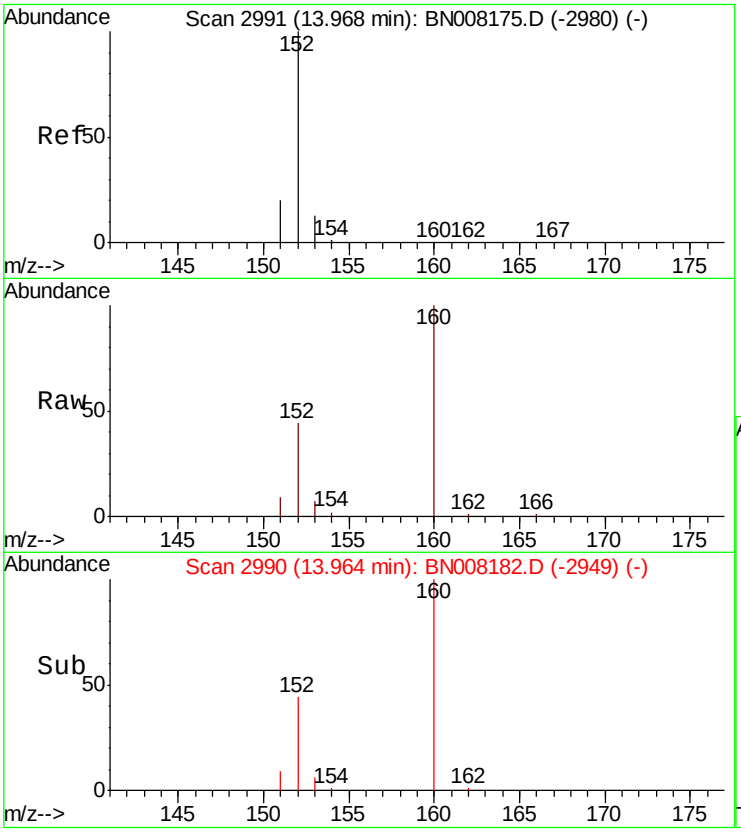


#5
2-Methylnaphthalene
Concen: 0.180 ng/ul
RT: 12.06 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:142 Resp: 4179

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2

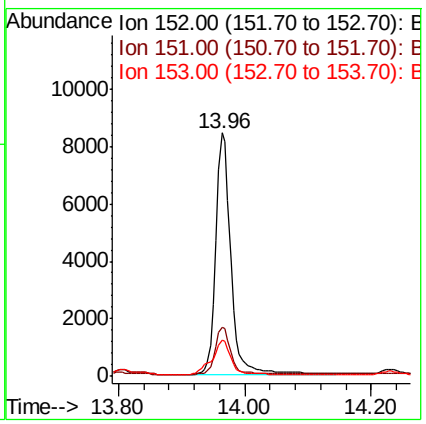




#7
Acenaphthylene
Concen: 0.395 ng/ul
RT: 13.96 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:152 Resp: 13933

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	14.8	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
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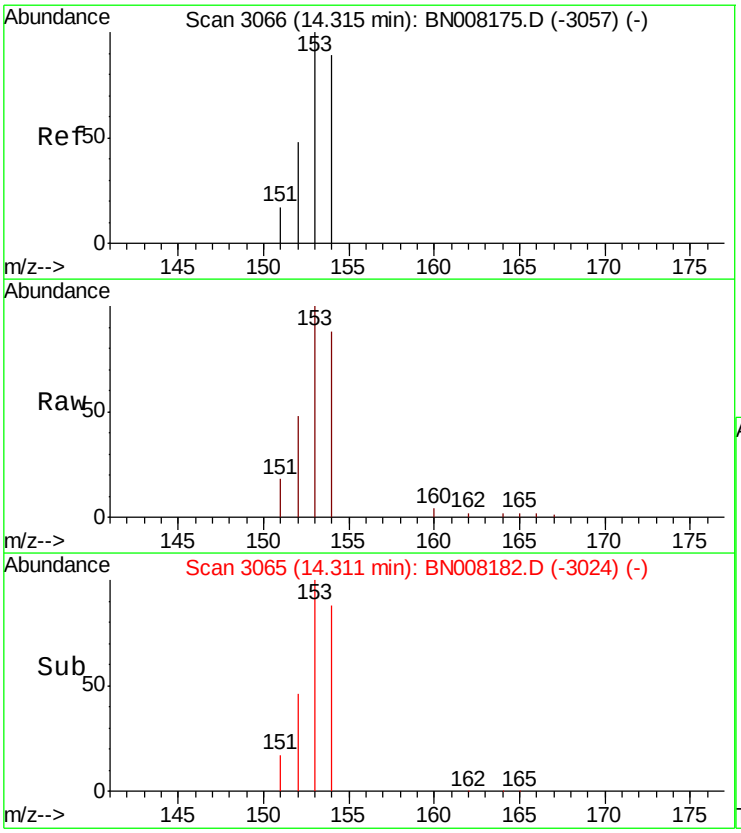
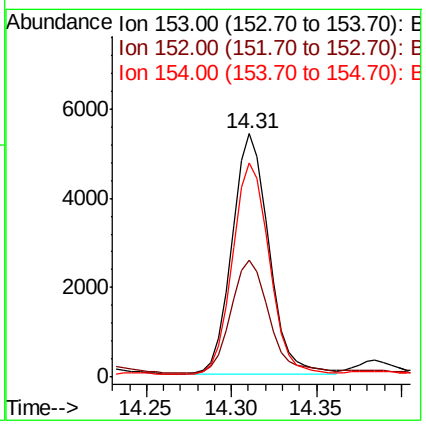
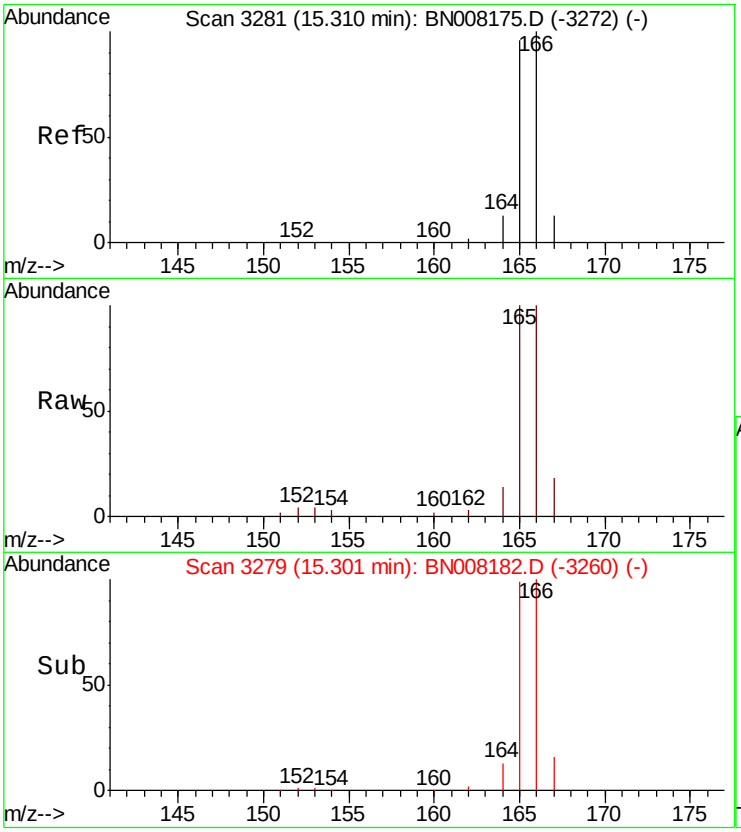


#8
Acenaphthene
Concen: 0.294 ng/ul
RT: 14.31 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:153 Resp: 8078

Ion	Ratio	Lower	Upper
153	100		
152	47.9	38.2	57.2
154	88.1	71.8	107.8





#9
Fluorene
Concen: 0.273 ng/ul
RT: 15.30 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:166 Resp: 8499

Ion	Ratio	Lower	Upper
166	100		
165	99.8	76.6	115.0
167	17.7	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
BEPF7

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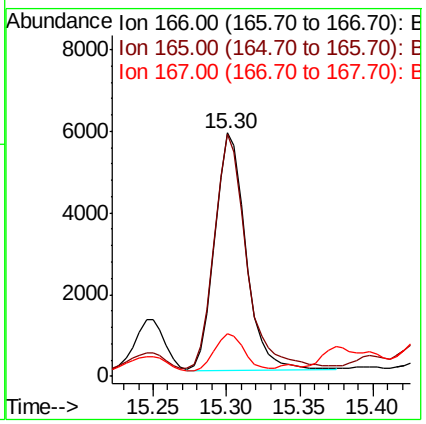
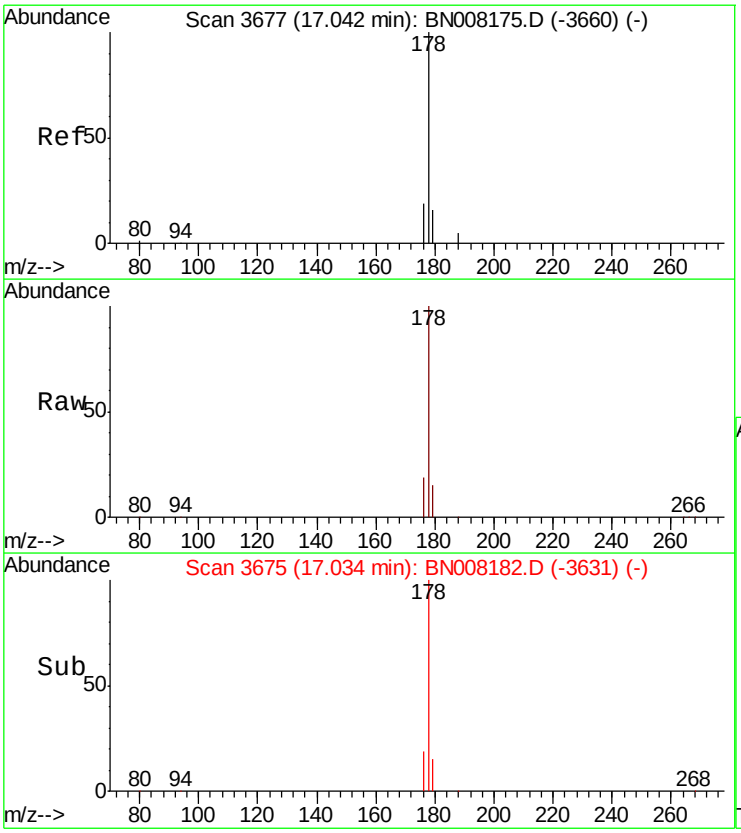
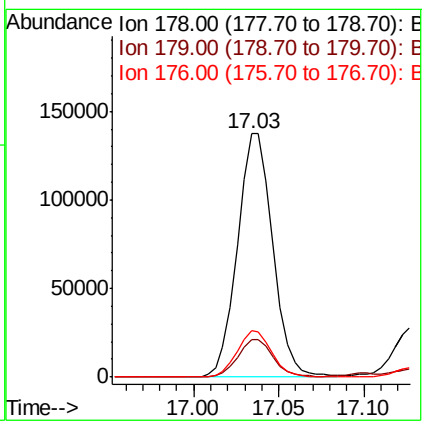


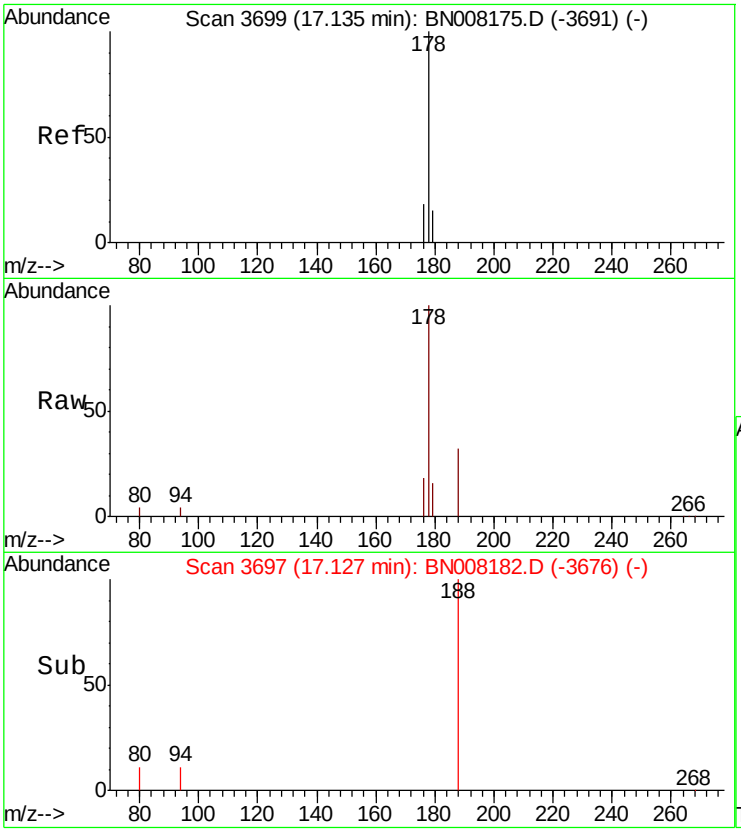


#12
Phenanthrene
Concen: 3.979 ng/ul m
RT: 17.03 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:178 Resp: 197869

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.9	15.4	23.2

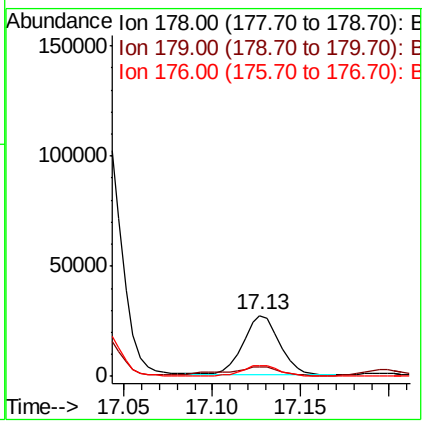




#13
Anthracene
Concen: 0.883 ng/ul m
RT: 17.13 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:178 Resp: 38657

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.6
176	18.3	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
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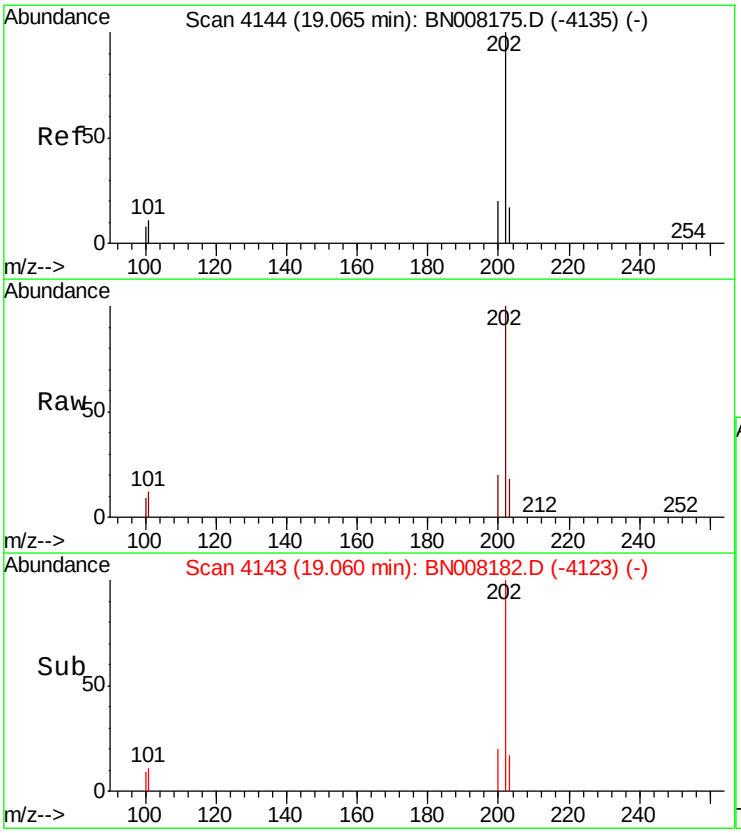
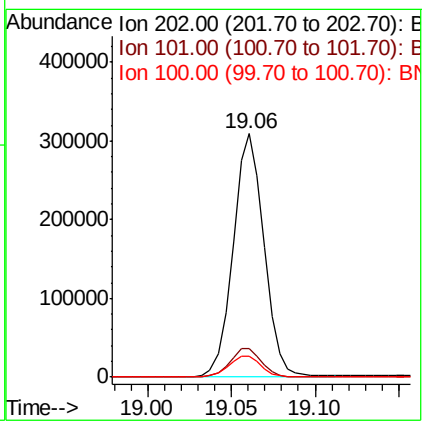
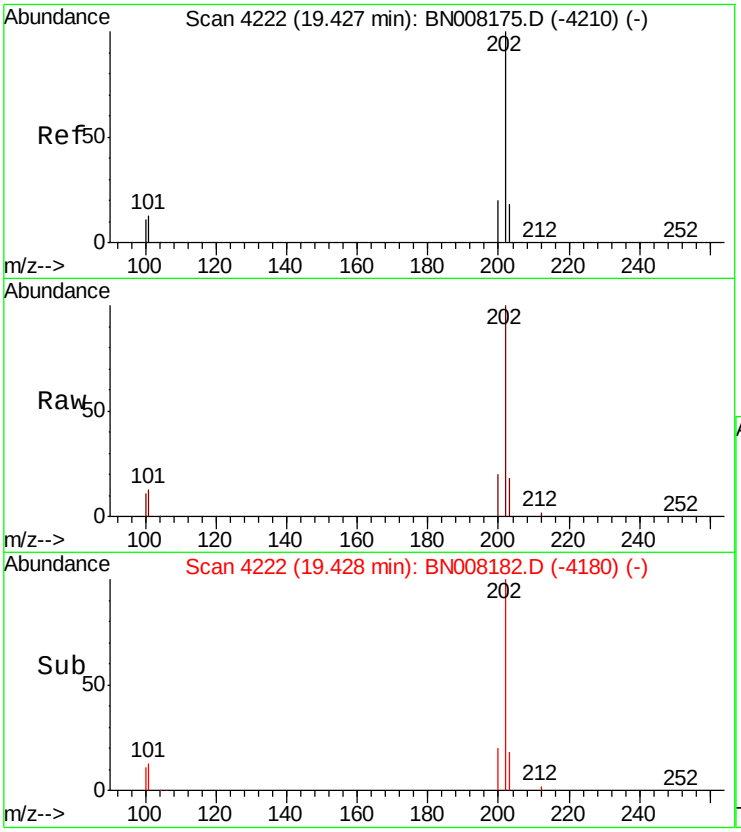


#15
Fluoranthene
Concen: 6.062 ng/ul m
RT: 19.06 min Scan# 4143
Delta R.T. -0.01 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:202 Resp: 398088

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.2
100	8.7	0.0	28.5





#17
Pyrene
Concen: 6.858 ng/ul
RT: 19.43 min Scan# 4222
Delta R.T. -0.00 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:202 Resp: 469119

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.9	16.3
100	10.5	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEPF7

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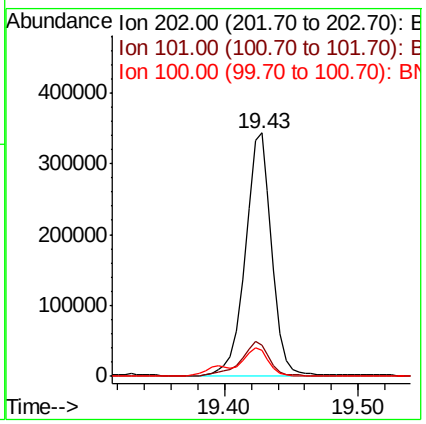
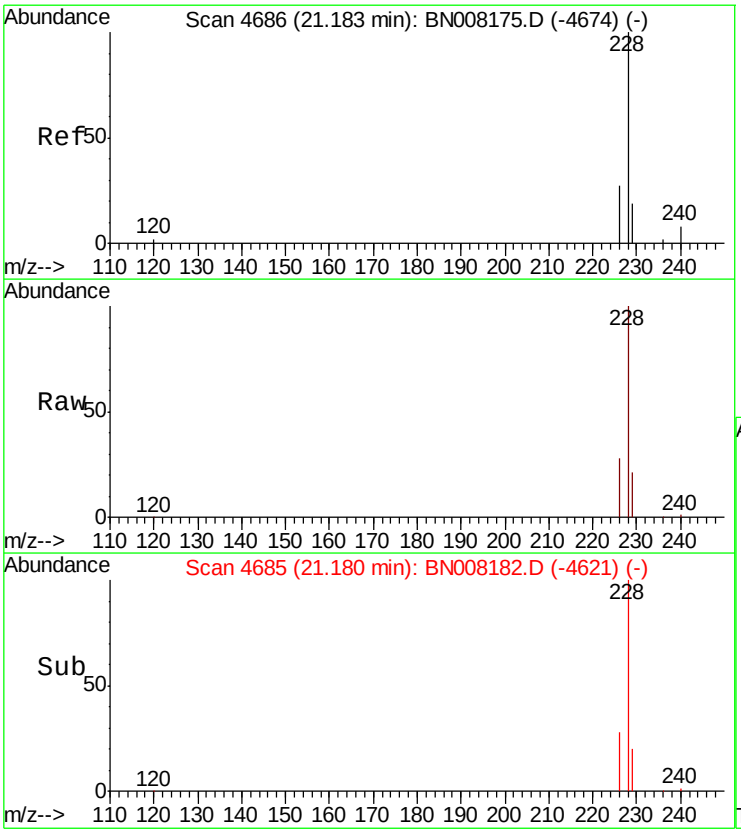
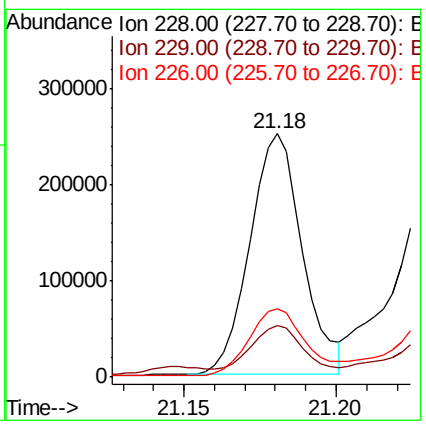


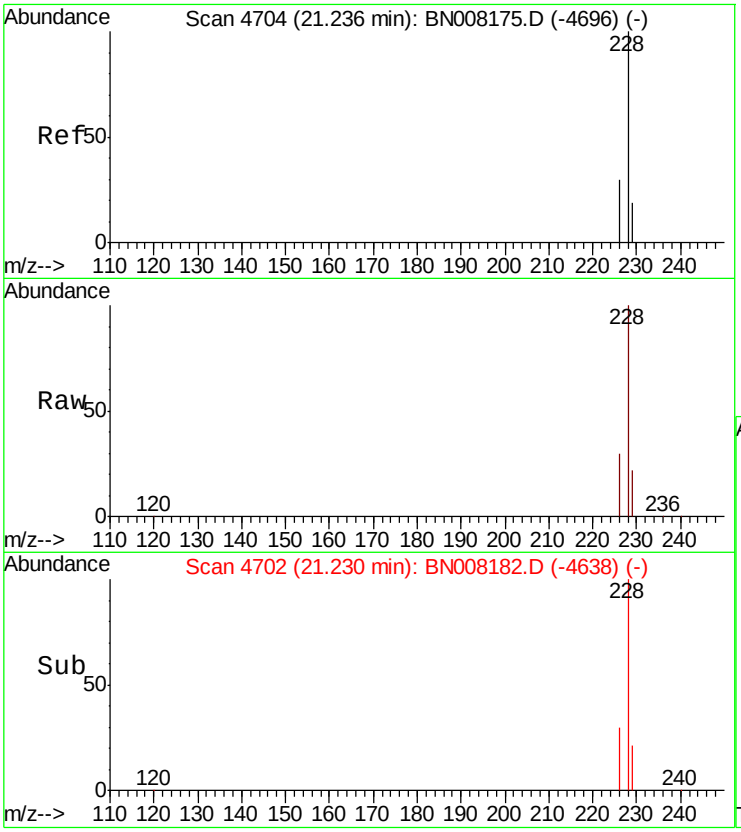


#18
Benzo(a)anthracene
Concen: 4.868 ng/ul m
RT: 21.18 min Scan# 4685
Delta R.T. -0.01 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:228 Resp: 304022

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.2
226	28.1	21.4	32.0

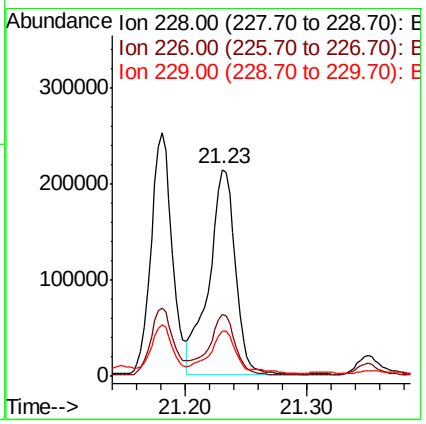




#19
Chrysene
Concen: 4.189 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:228 Resp: 321089

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.7	16.2	24.2



Instrument :
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ClientSampleId :
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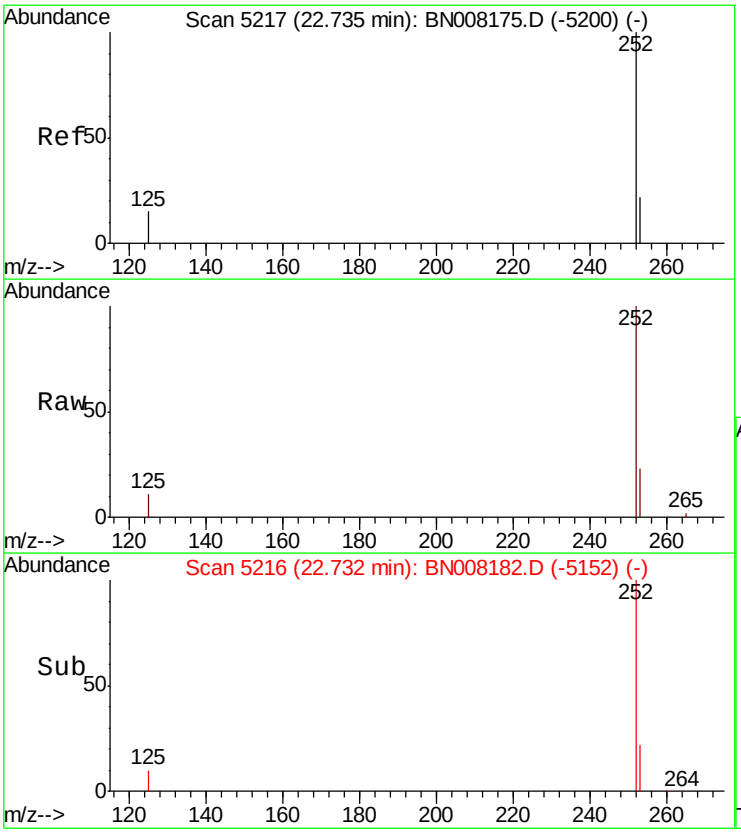
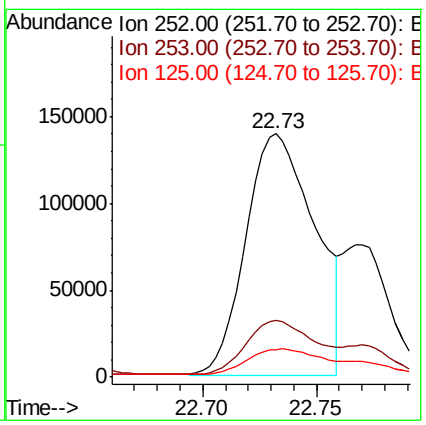
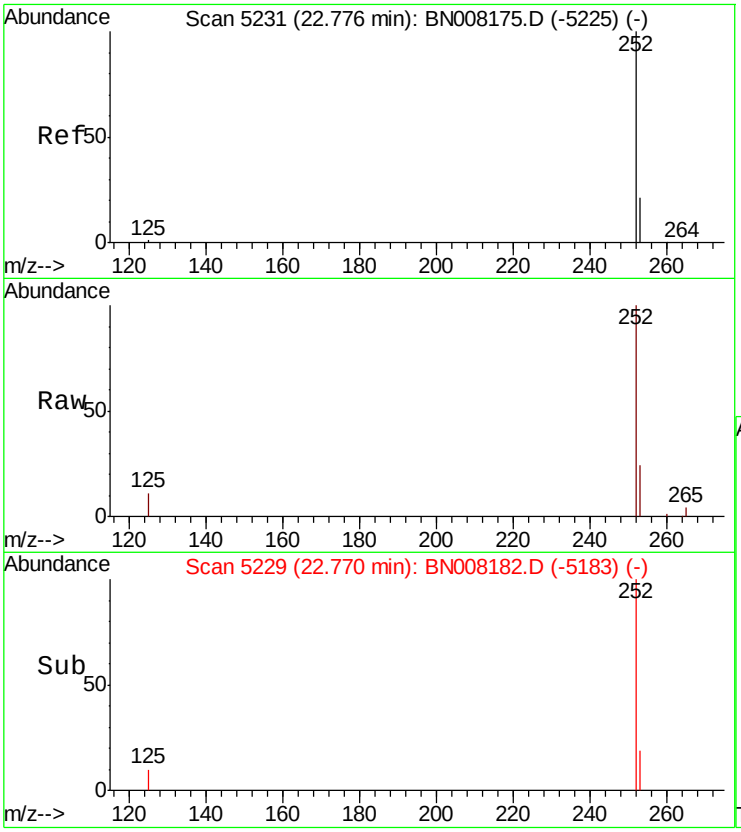


#21
Benzo(b)fluoranthene
Concen: 5.903 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.01 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:252 Resp: 294110

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	53.4
125	11.3	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 1.822 ng/ul m
RT: 22.77 min Scan# 5229
Delta R.T. -0.01 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:252 Resp: 102829

Ion	Ratio	Lower	Upper
252	100		
253	24.2	21.3	31.9
125	11.5	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
BEPF7

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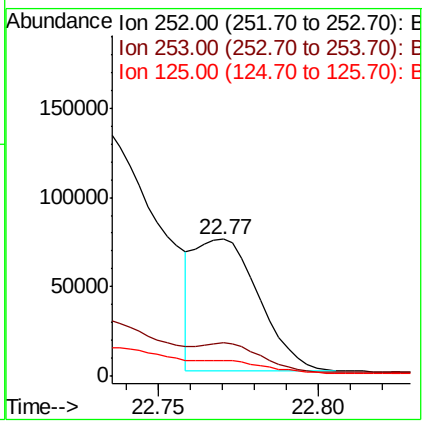
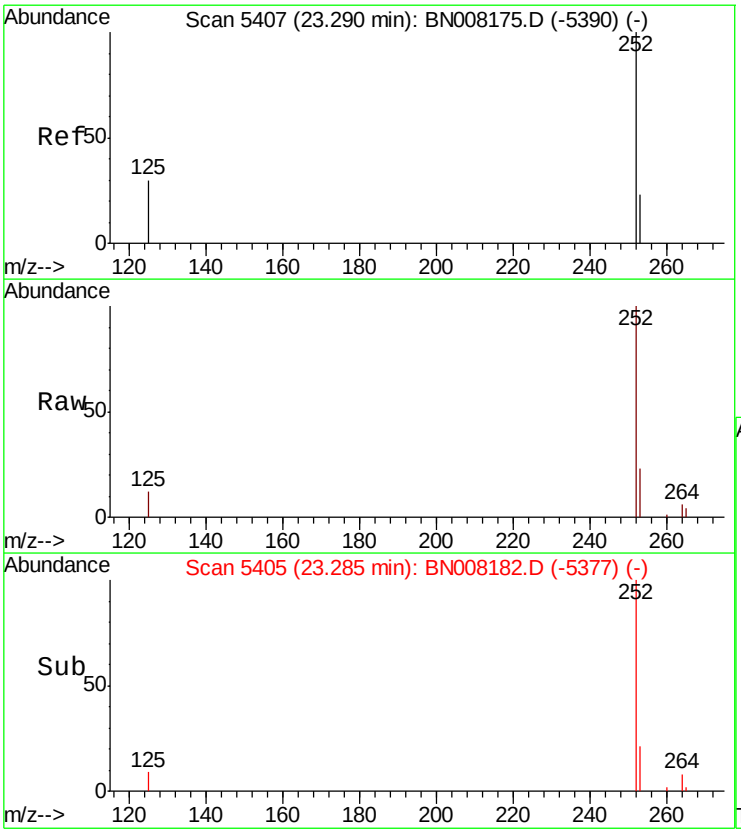
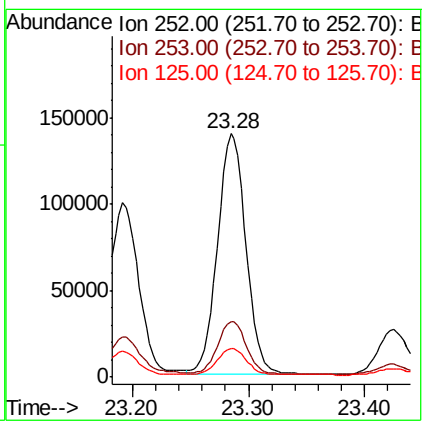


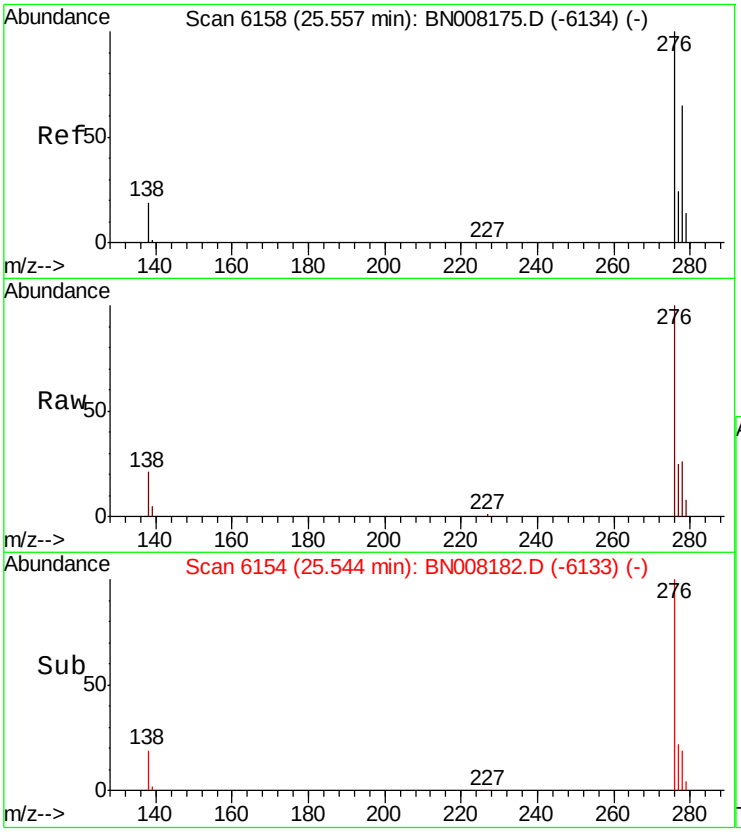


#23
Benzo(a)pyrene
Concen: 4.510 ng/ul
RT: 23.28 min Scan# 5405
Delta R.T. -0.02 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:252 Resp: 236438

Ion	Ratio	Lower	Upper
252	100		
253	23.0	22.8	34.2
125	11.8	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.808 ng/ul
RT: 25.54 min Scan# 6154
Delta R.T. -0.03 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:276 Resp: 111656

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.1	24.1
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
BEPF7

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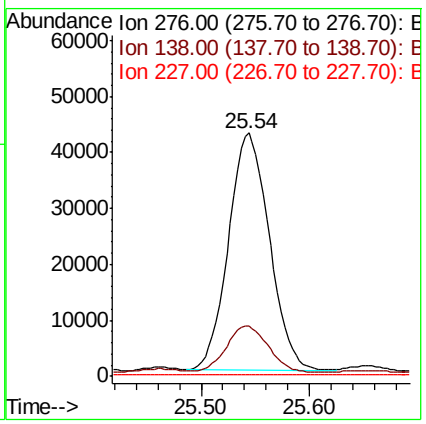
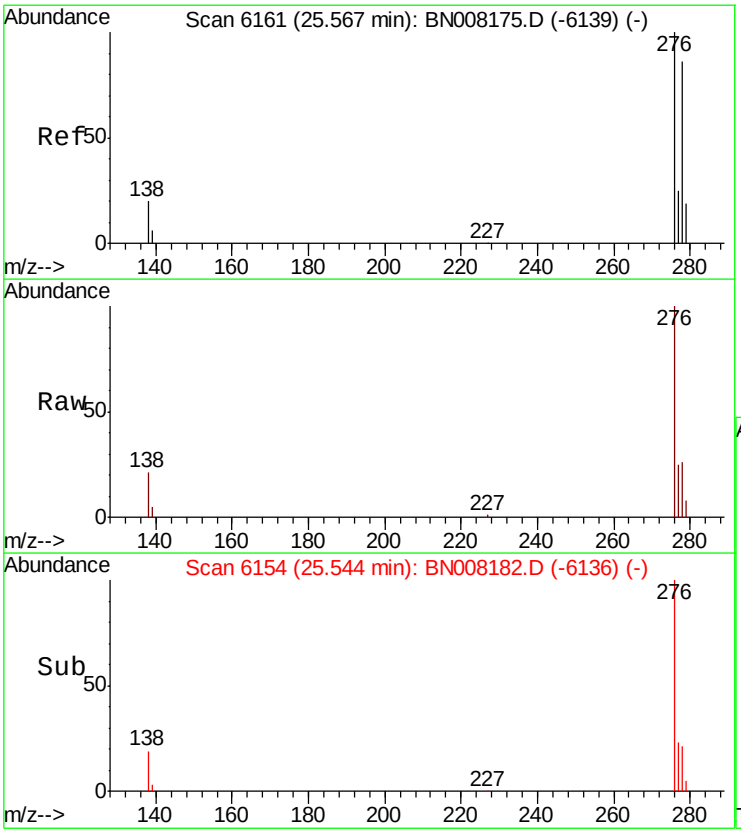
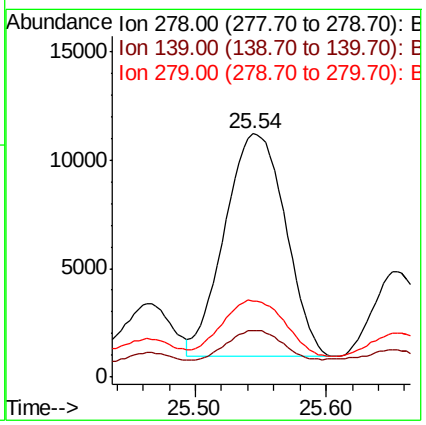


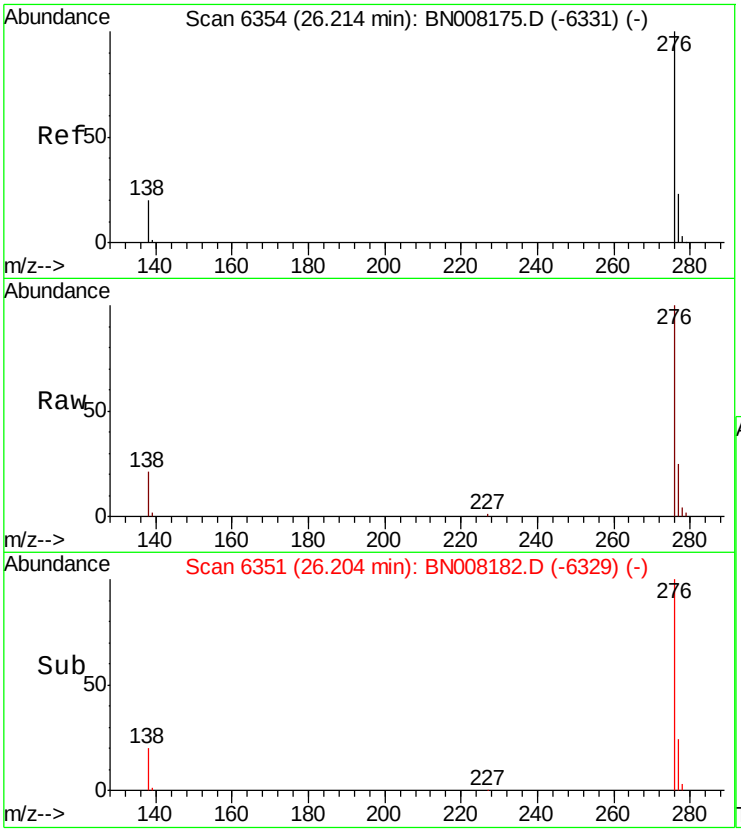


#25
Dibenzo(a,h)anthracene
Concen: 0.679 ng/ul
RT: 25.54 min Scan# 6154
Delta R.T. -0.04 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:278 Resp: 33131

Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.0	22.6
279	31.3	22.4	33.6

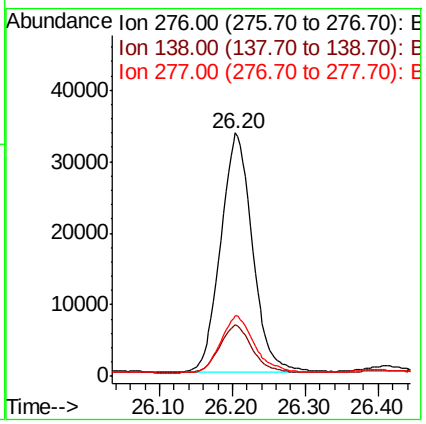




#26
Benzo(g,h,i)perylene
Concen: 1.773 ng/ul
RT: 26.20 min Scan# 6351
Delta R.T. -0.03 min
Lab File: BN008182.D
Acq: 15 Oct 2019 20:26

Tgt Ion:276 Resp: 100414

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.0	25.4
277	24.8	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPF7

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:40 PM