Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
Data File : BN008381.D
Acq On : 24 Oct 2019 11:15
Operator : JU
Sample : K5235-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 14:09:46 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 24 13:52:48 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPB5

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2428	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.33	136	11697	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	7223	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	16021	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	12723	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	11250	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	3954	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	10696	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	14140	0.425	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	8252	0.361	ng/ul	99
7) Acenaphthylene	13.93	152	31323	0.910	ng/ul	99
8) Acenaphthene	14.27	153	17654	0.660	ng/ul	97
9) Fluorene	15.26	166	24781	0.816	ng/ul	96
11) Pentachlorophenol	16.62	266	262	0.068	ng/ul	98
12) Phenanthrene	17.00	178	447682	9.544	ng/ul	99
13) Anthracene	17.09	178	101978	2.471	ng/ul	99
15) Fluoranthene	19.03	202	1064670	17.186	ng/ul	97
17) Pyrene	19.40	202	1225366	24.189	ng/ul	98
18) Benzo(a)anthracene	21.15	228	680109	14.703	ng/ul	97
19) Chrysene	21.21	228	722927	12.735	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	697837m	19.055	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	237994m	5.737	ng/ul	
23) Benzo(a)pyrene	23.25	252	519771	13.487	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.49	276	278571	6.137	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.49	278	81810	2.280	ng/ul	99
26) Benzo(g,h,i)perylene	26.14	276	290937	6.990	ng/ul	98

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

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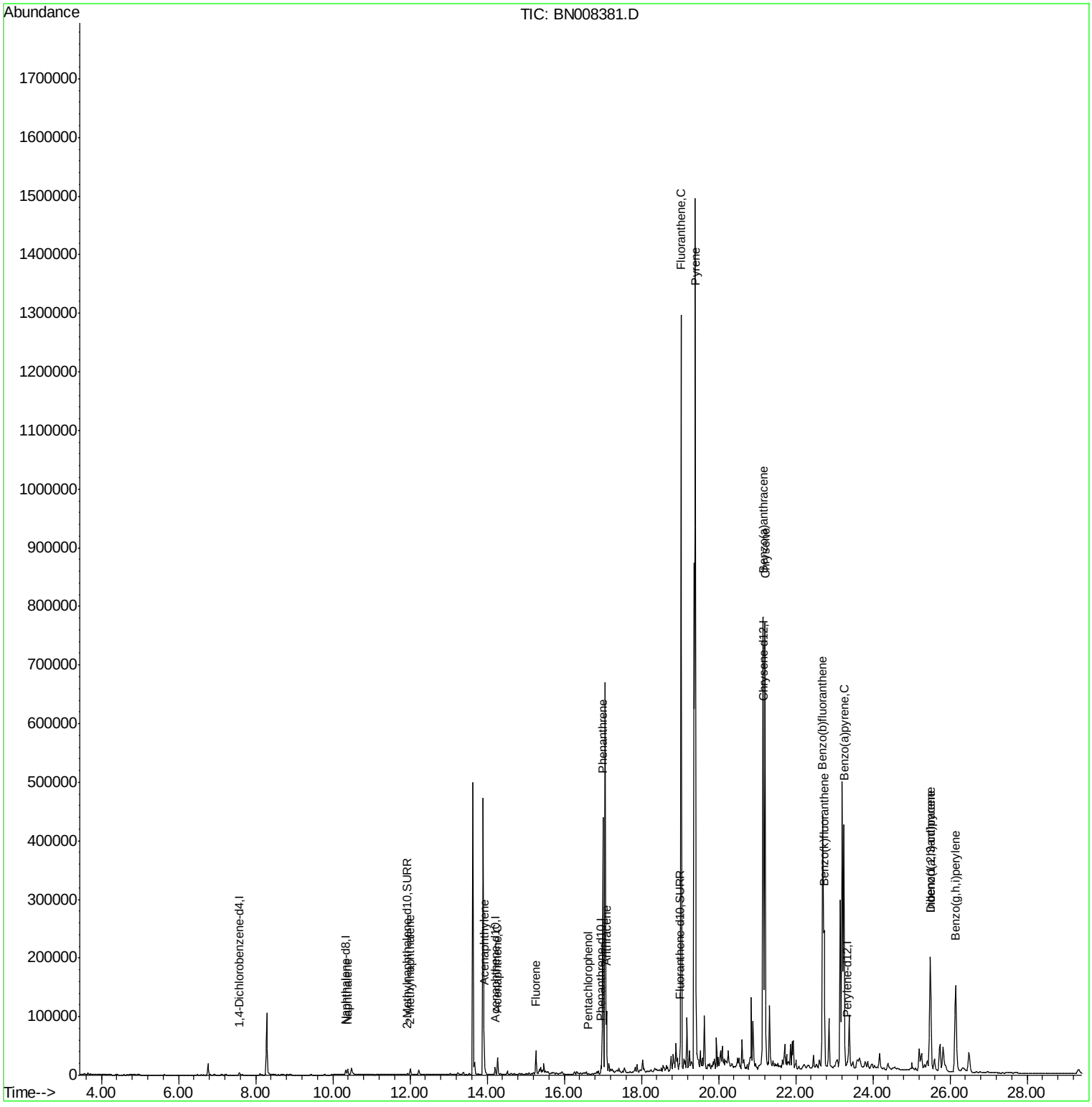
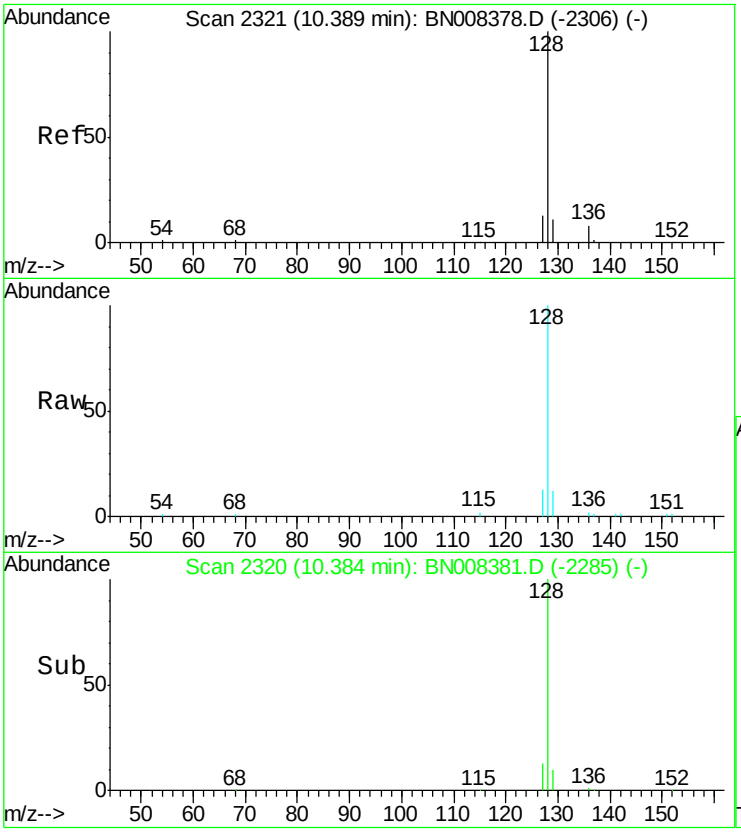
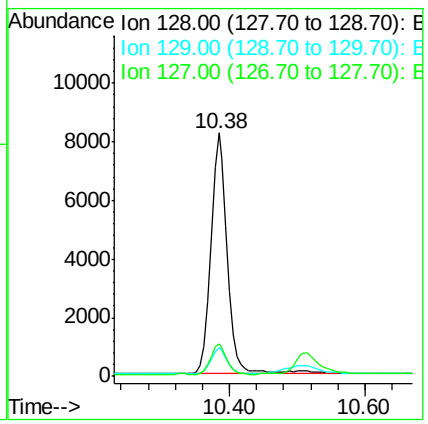




#3
Naphthalene
Concen: 0.425 ng/ul
RT: 10.38 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:128 Resp: 14140

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.8
127	13.4	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
BEPB5

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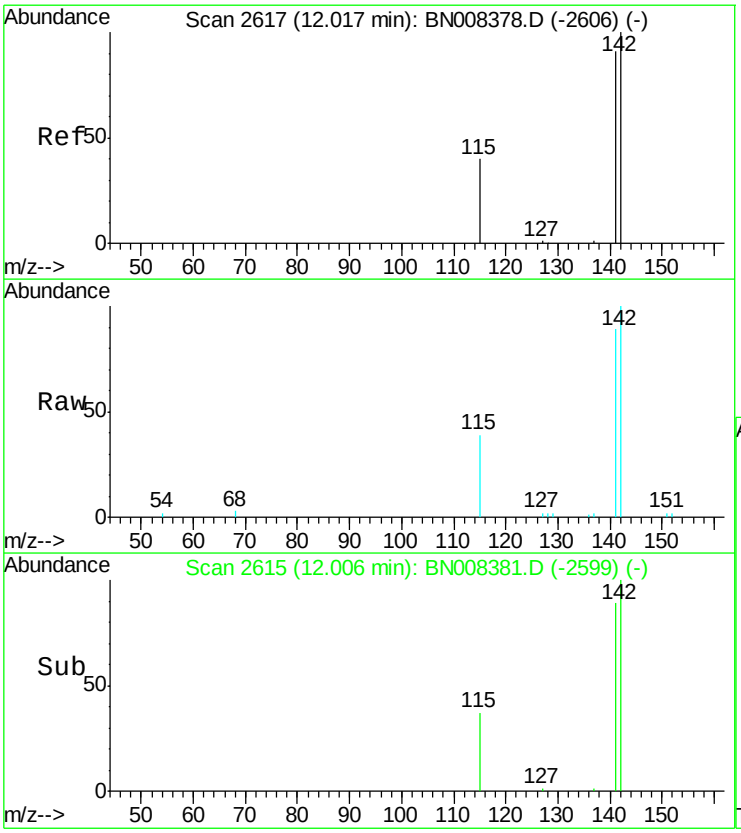
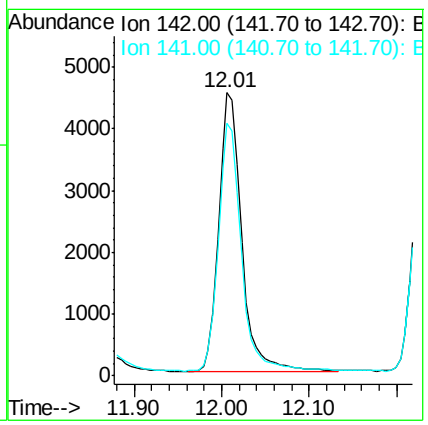
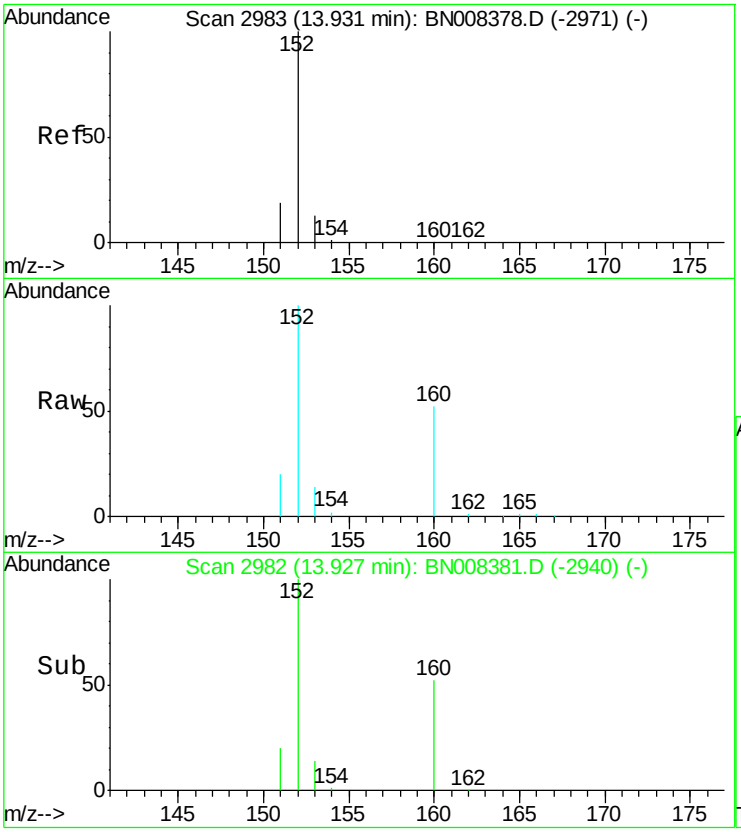


#5
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.01 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:142 Resp: 8252

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.2

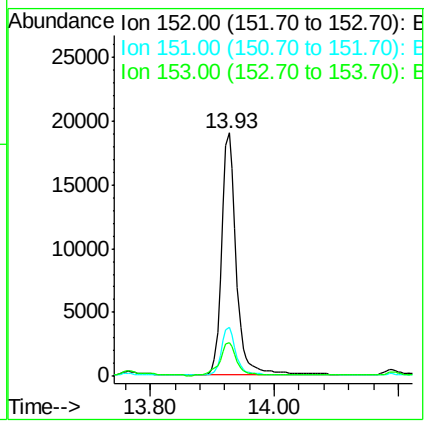




#7
Acenaphthylene
Concen: 0.910 ng/ul
RT: 13.93 min Scan# 2982
Delta R.T. -0.00 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:152 Resp: 31323

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	14.0	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
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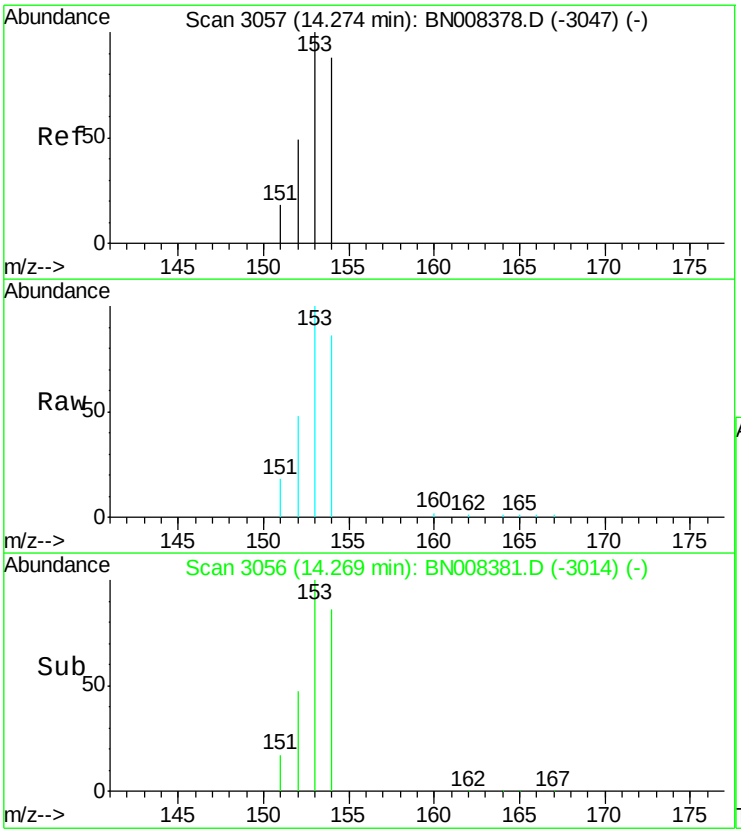
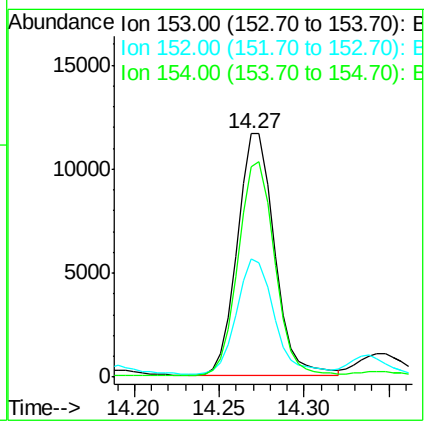
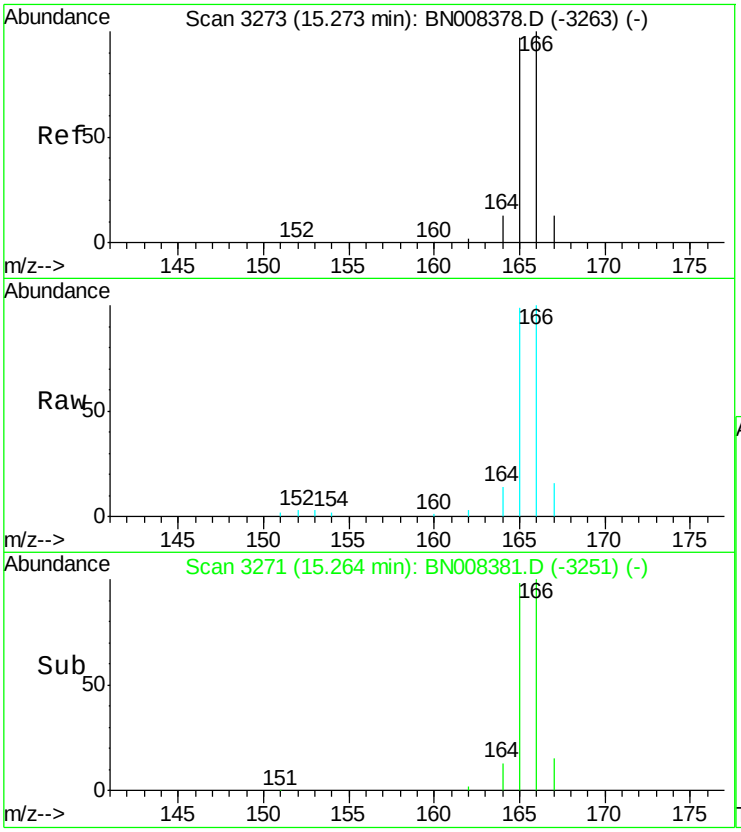


#8
Acenaphthene
Concen: 0.660 ng/ul
RT: 14.27 min Scan# 3056
Delta R.T. -0.00 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:153 Resp: 17654

Ion	Ratio	Lower	Upper
153	100		
152	48.3	38.2	57.2
154	86.4	71.8	107.8

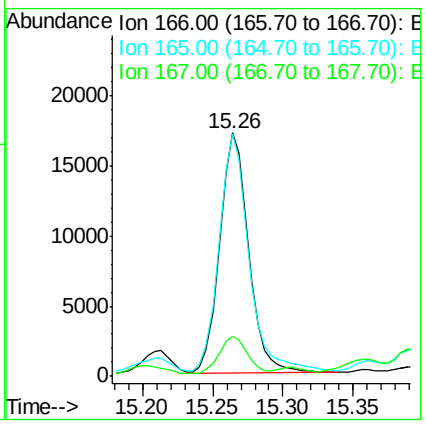




#9
Fluorene
Concen: 0.816 ng/ul
RT: 15.26 min Scan# 3271
Delta R.T. -0.01 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:166 Resp: 24781

Ion	Ratio	Lower	Upper
166	100		
165	99.4	76.6	115.0
167	16.4	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
BEPB5

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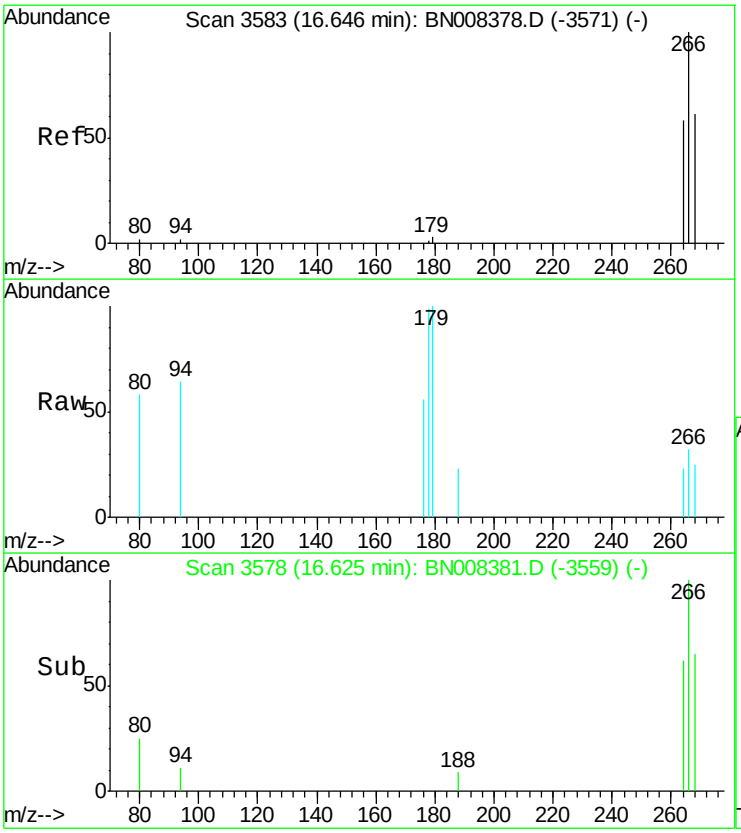
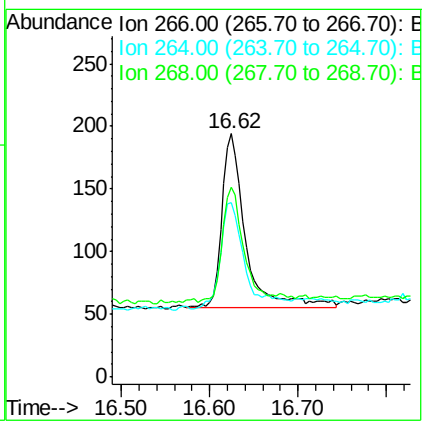
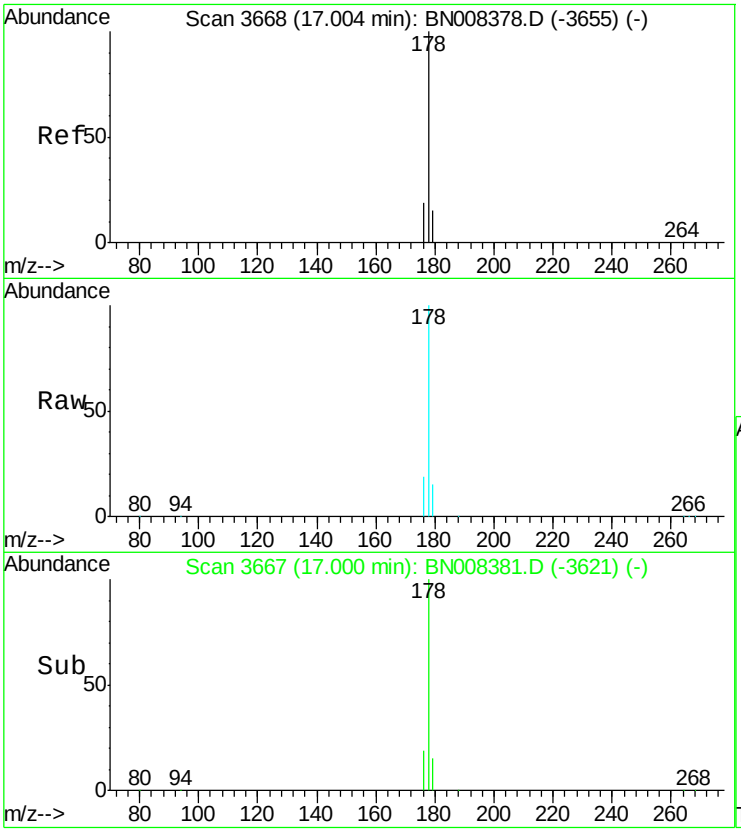


#11
Pentachlorophenol
Concen: 0.068 ng/ul
RT: 16.62 min Scan# 3578
Delta R.T. -0.02 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:266 Resp: 262

Ion	Ratio	Lower	Upper
266	100		
264	64.1	50.1	75.1
268	63.4	51.9	77.9

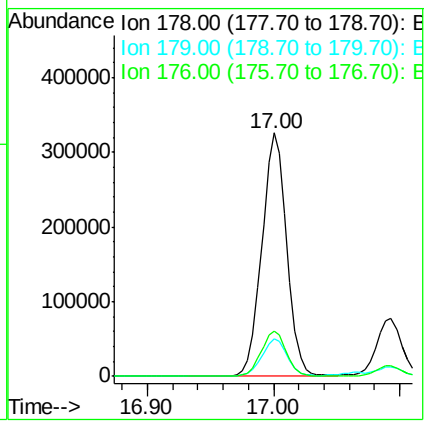




#12
Phenanthrene
Concen: 9.544 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. -0.00 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:178 Resp: 447682

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.8	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
BEPB5

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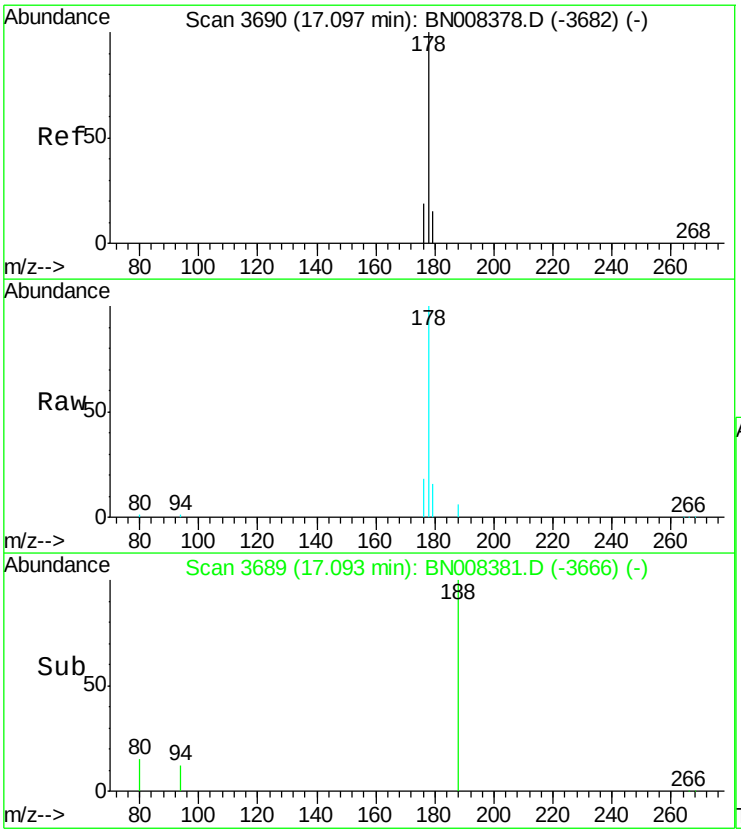
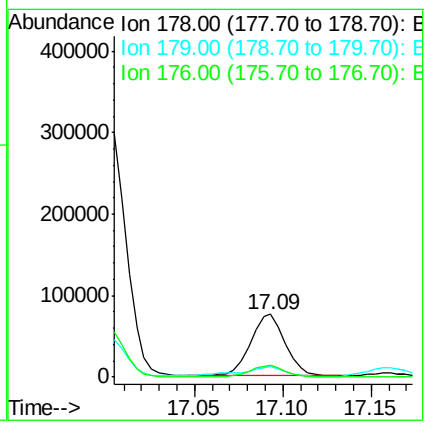
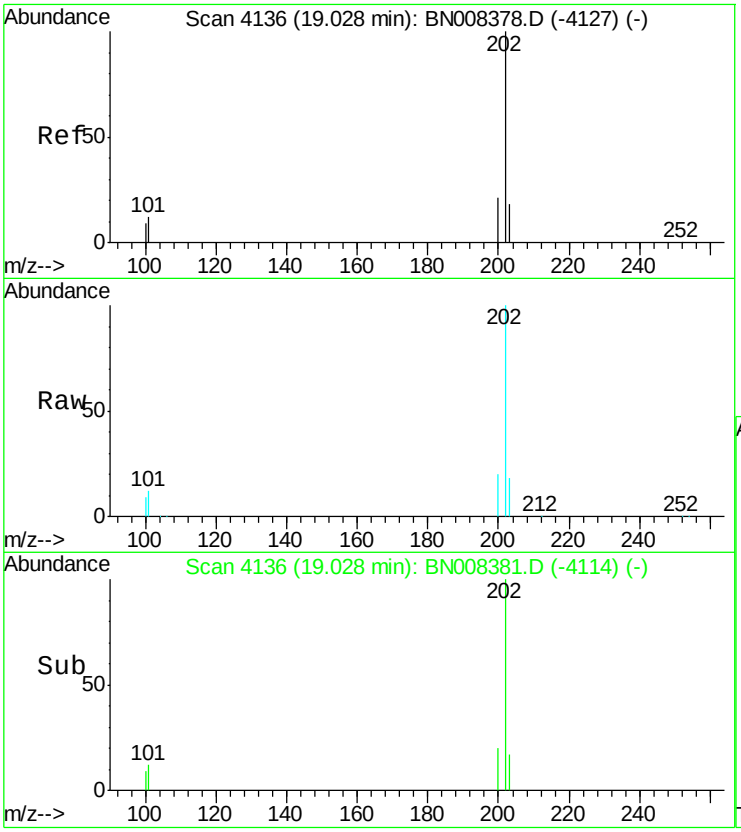


#13
Anthracene
Concen: 2.471 ng/ul
RT: 17.09 min Scan# 3689
Delta R.T. -0.00 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:178 Resp: 101978

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	18.2	15.0	22.6

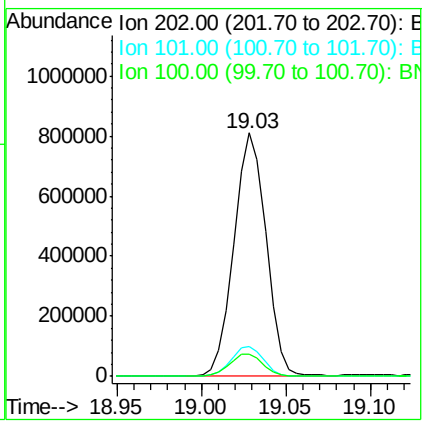




#15
Fluoranthene
Concen: 17.186 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. 0.00 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:202 Resp: 1064670

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.2
100	9.3	0.0	28.5



Instrument :
BNA_N
ClientSampleId :
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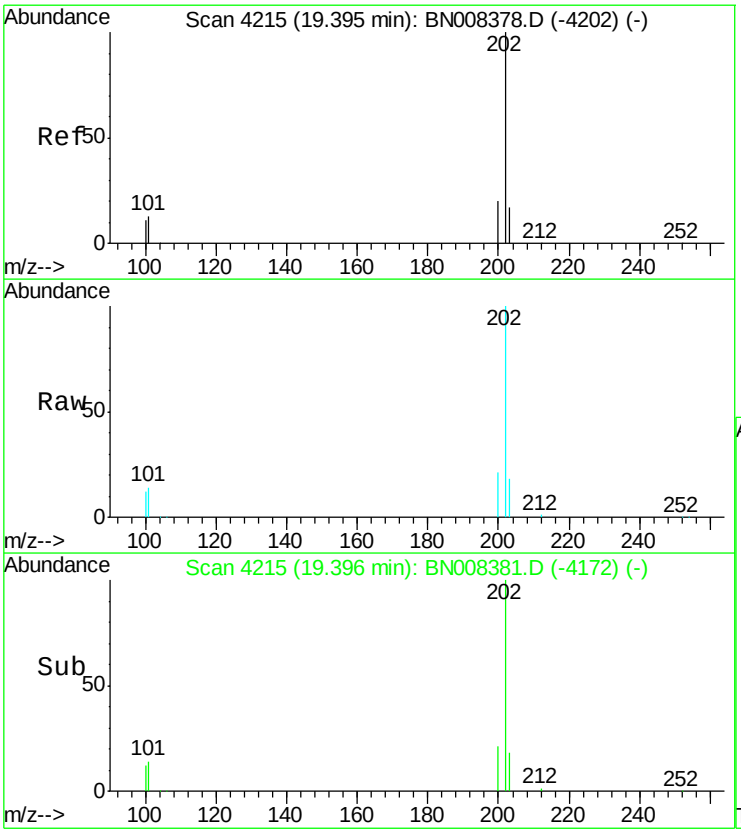
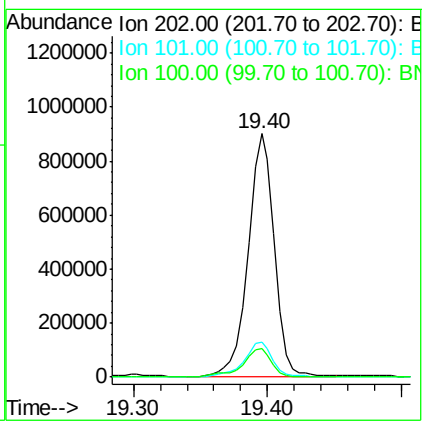
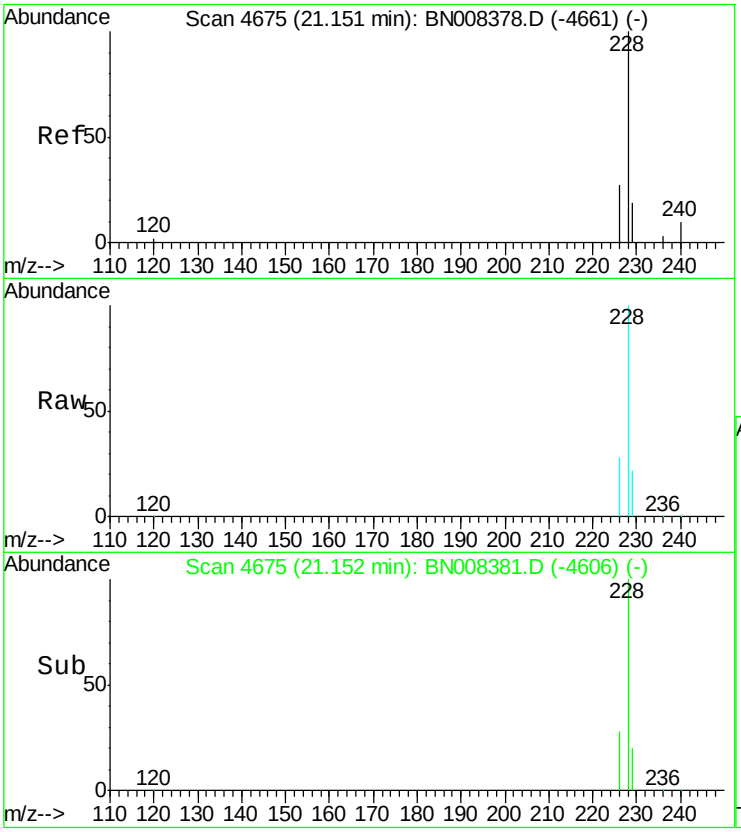


#17
Pyrene
Concen: 24.189 ng/ul
RT: 19.40 min Scan# 4215
Delta R.T. 0.00 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:202 Resp: 1225366

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.9	16.3
100	11.7	8.7	13.1

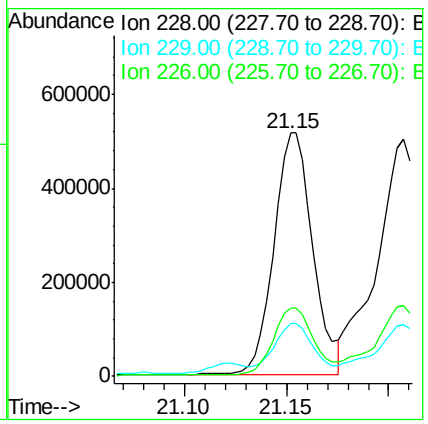




#18
Benzo(a)anthracene
Concen: 14.703 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. 0.00 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:228 Resp: 680109

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.2
226	28.2	21.4	32.0



Instrument :
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ClientSampleId :
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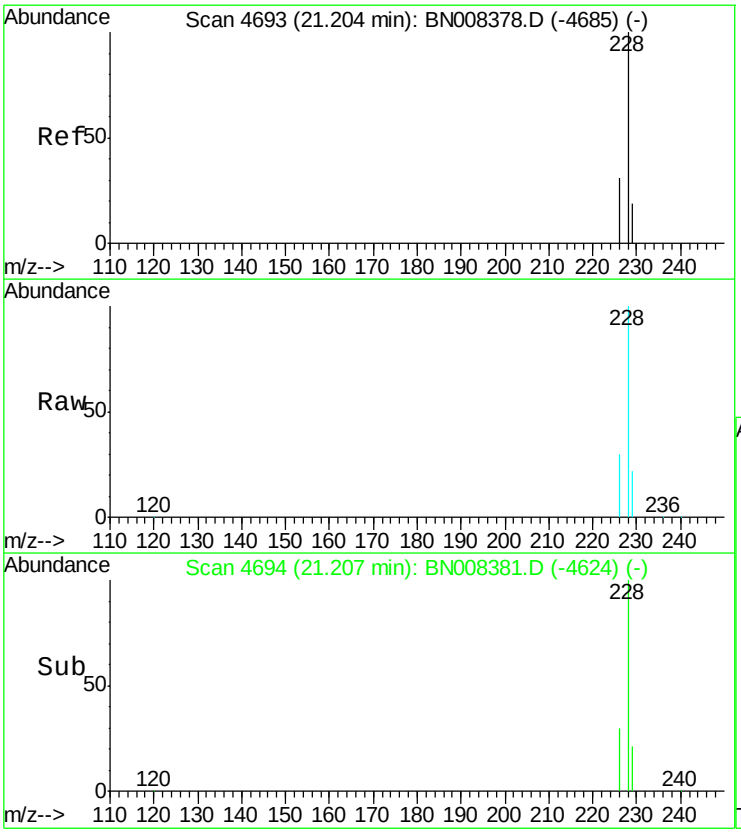
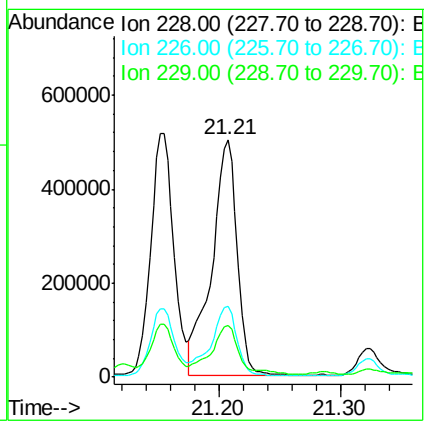
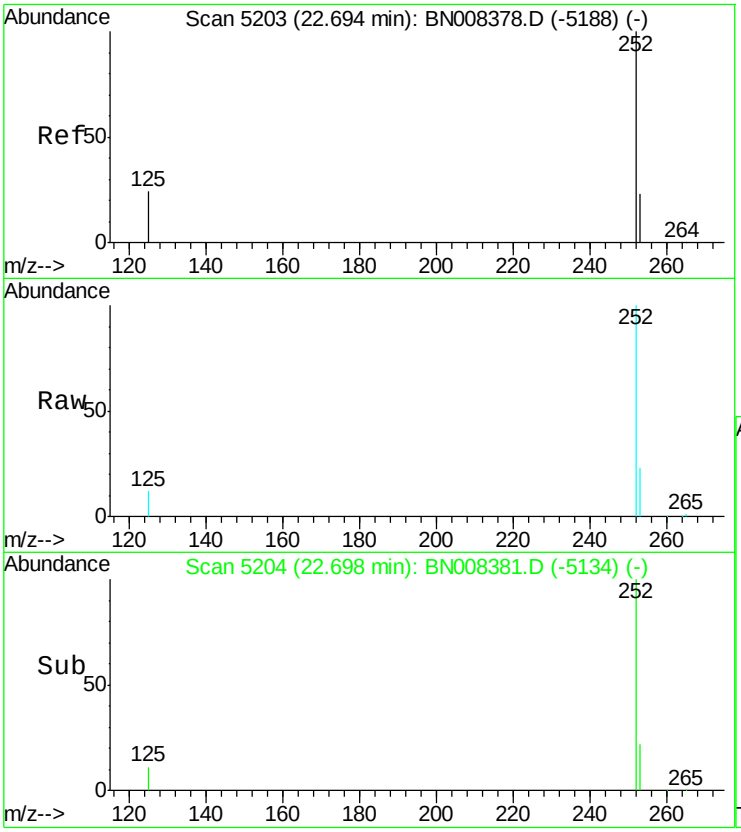


#19
Chrysene
Concen: 12.735 ng/ul
RT: 21.21 min Scan# 4694
Delta R.T. 0.00 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:228 Resp: 722927

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	22.0	16.2	24.2

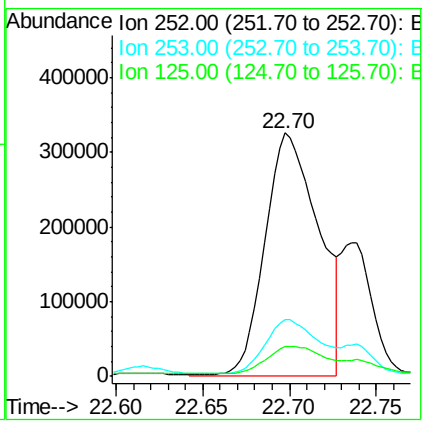




#21
Benzo(b)fluoranthene
Concen: 19.055 ng/ul m
RT: 22.70 min Scan# 5204
Delta R.T. 0.00 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:252 Resp: 697837

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	53.4
125	12.0	0.0	32.4



Instrument :
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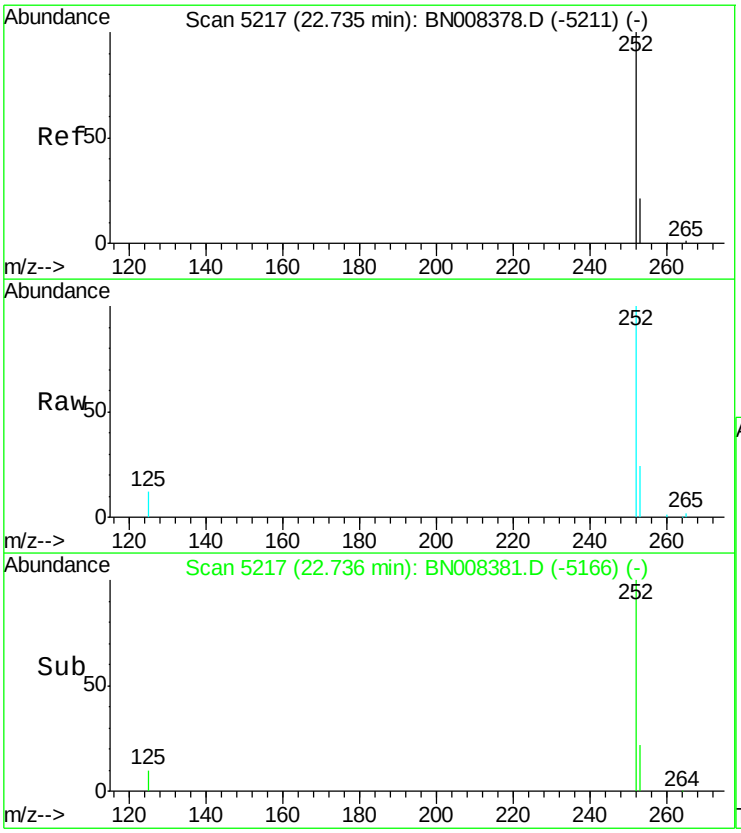
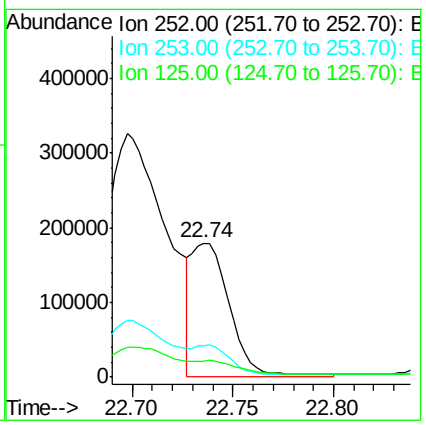
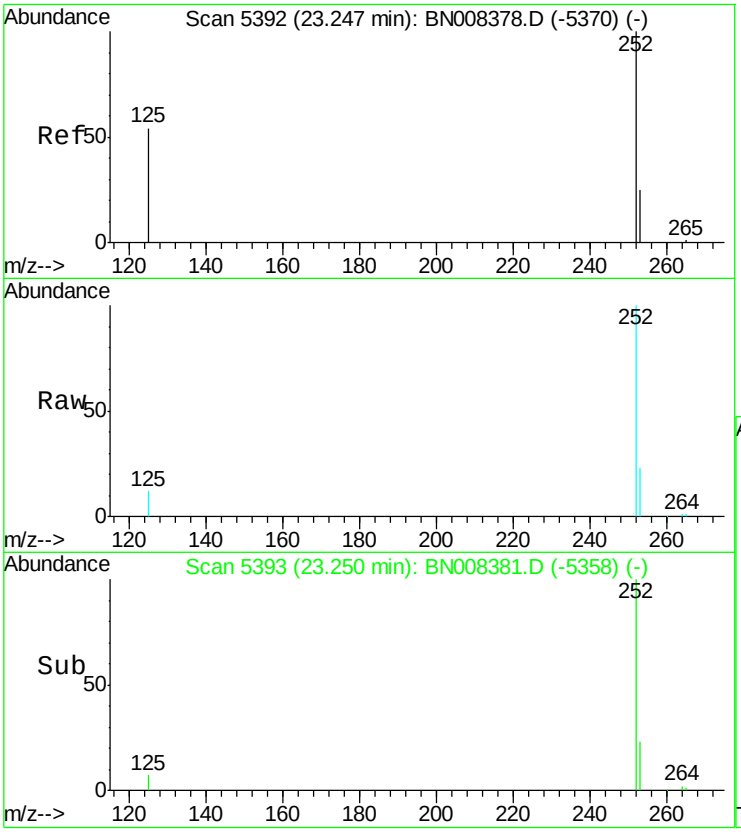


#22
Benzo(k)fluoranthene
Concen: 5.737 ng/ul m
RT: 22.74 min Scan# 5217
Delta R.T. 0.00 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:252 Resp: 237994

Ion	Ratio	Lower	Upper
252	100		
253	23.6	21.3	31.9
125	12.2	12.3	18.5#





#23
Benzo(a)pyrene
Concen: 13.487 ng/ul
RT: 23.25 min Scan# 5393
Delta R.T. 0.00 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:252 Resp: 519771

Ion	Ratio	Lower	Upper
252	100		
253	23.0	22.8	34.2
125	11.9	18.4	27.6#

Instrument :
BNA_N
ClientSampleId :
BEPB5

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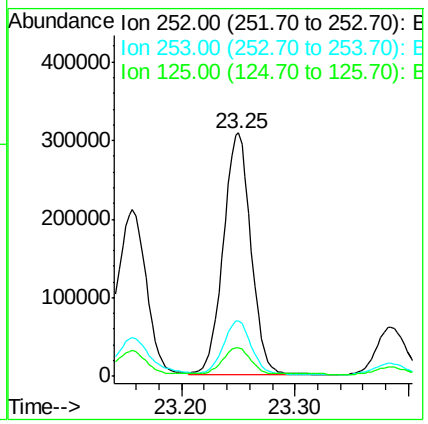
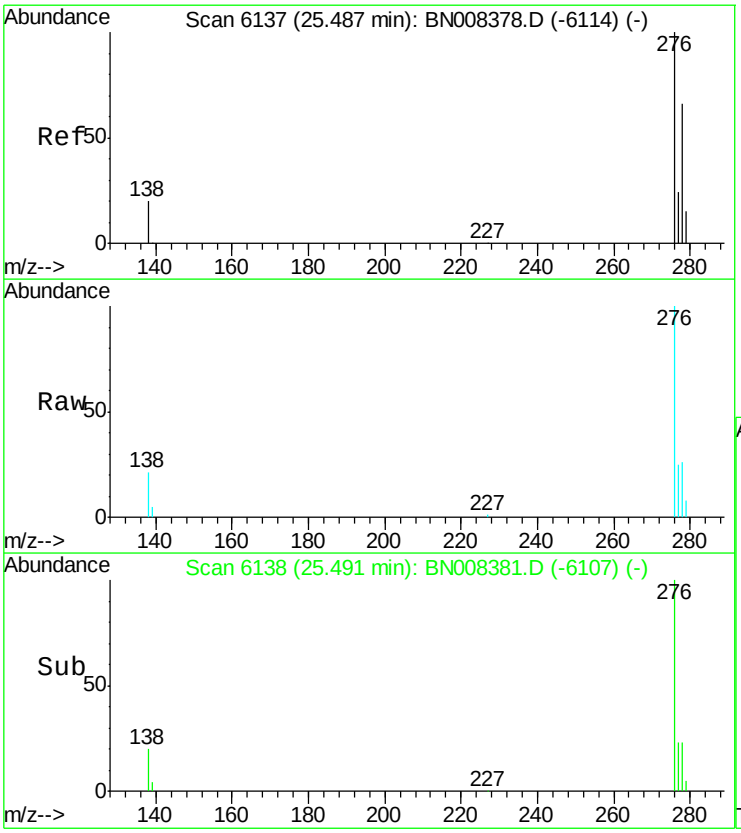
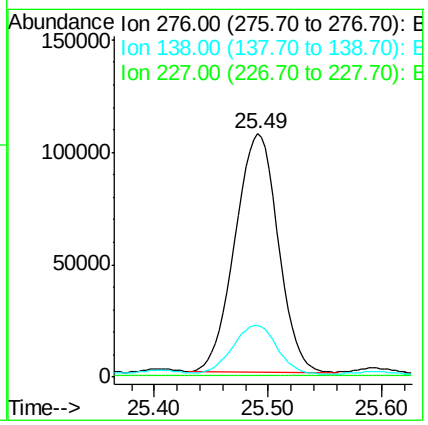


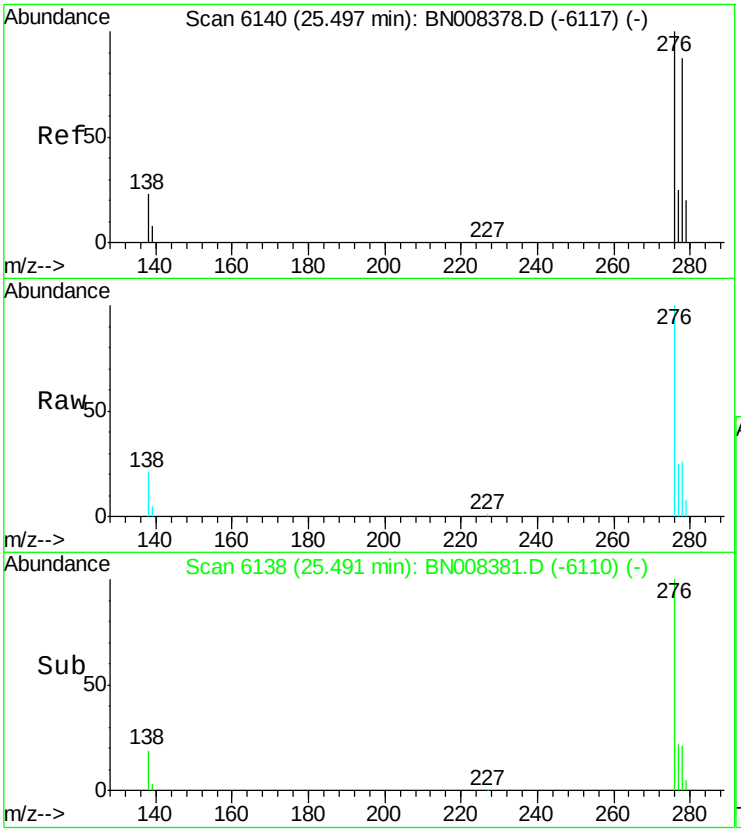


#24
Indeno(1,2,3-cd)pyrene
Concen: 6.137 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. 0.00 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:276 Resp: 278571

Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.1	24.1
227	0.2	0.2	0.2#

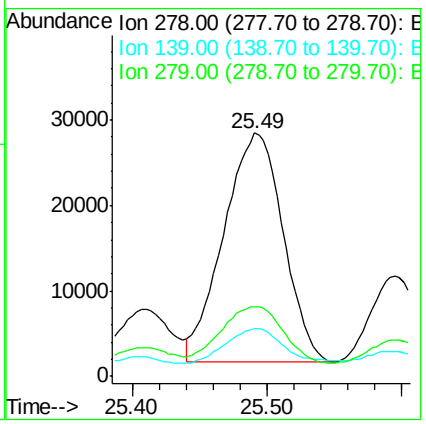




#25
Dibenzo(a,h)anthracene
Concen: 2.280 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.01 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

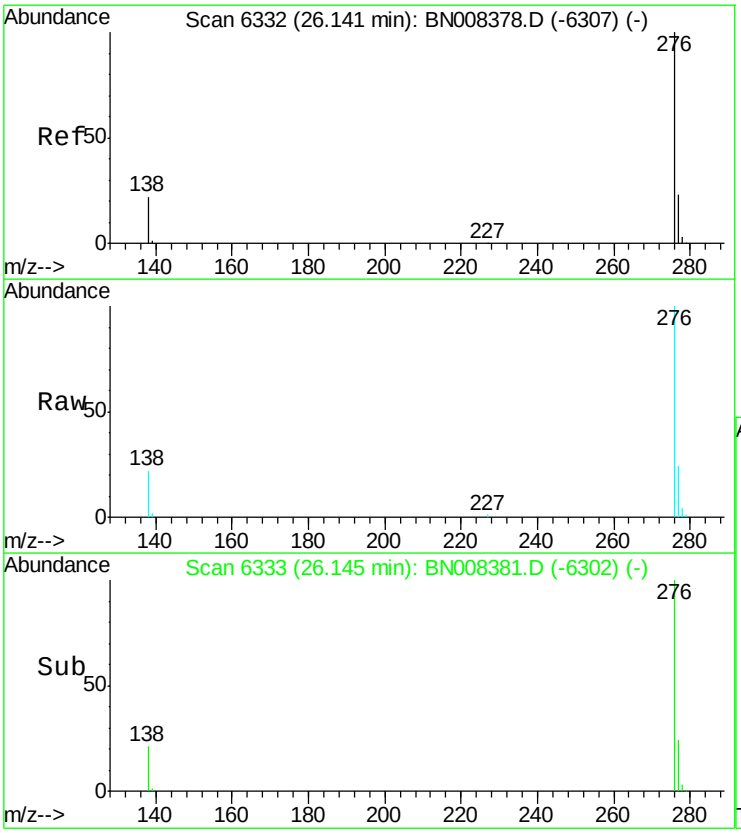
Tgt Ion:278 Resp: 81810

Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.0	22.6
279	28.8	22.4	33.6



Instrument :
BNA_N
ClientSampleId :
BEPB5

Manual Integrations APPROVED
mohammad
10/25/2019 8:05:21 AM



#26
Benzo(g,h,i)perylene
Concen: 6.990 ng/ul
RT: 26.14 min Scan# 6333
Delta R.T. 0.00 min
Lab File: BN008381.D
Acq: 24 Oct 2019 11:15

Tgt Ion:276 Resp: 290937

Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.0	25.4
277	24.4	20.4	30.6