Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008303.D
Acq On : 22 Oct 2019 03:48
Operator : JU
Sample : K5199-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 22 04:46:23 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 : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEPJ5

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1976	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9302	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5893	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12901m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	10624	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9105	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4877	0.31	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	15272	0.34	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	4181	0.158	ng/ul	97
5) 2-Methylnaphthalene	12.02	142	2224	0.122	ng/ul	100
7) Acenaphthylene	13.94	152	12277	0.437	ng/ul	99
8) Acenaphthene	14.28	153	7348	0.337	ng/ul	98
9) Fluorene	15.28	166	9546	0.385	ng/ul	97
12) Phenanthrene	17.01	178	211312	5.595	ng/ul	98
13) Anthracene	17.10	178	39379	1.185	ng/ul	100
15) Fluoranthene	19.04	202	511531	10.254	ng/ul	98
17) Pyrene	19.40	202	531555	12.566	ng/ul	99
18) Benzo(a)anthracene	21.16	228	293928	7.610	ng/ul	98
19) Chrysene	21.21	228	316478	6.677	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	303092m	10.226	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	92780m	2.763	ng/ul	
23) Benzo(a)pyrene	23.26	252	212090	6.800	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.50	276	122681	3.340	ng/ul	99
25) Dibenzo(a,h)anthracene	25.50	278	35416	1.220	ng/ul	96
26) Benzo(g,h,i)perylene	26.16	276	93753	2.783	ng/ul	99

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

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Instrument :
BNA_N
ClientSampleId :
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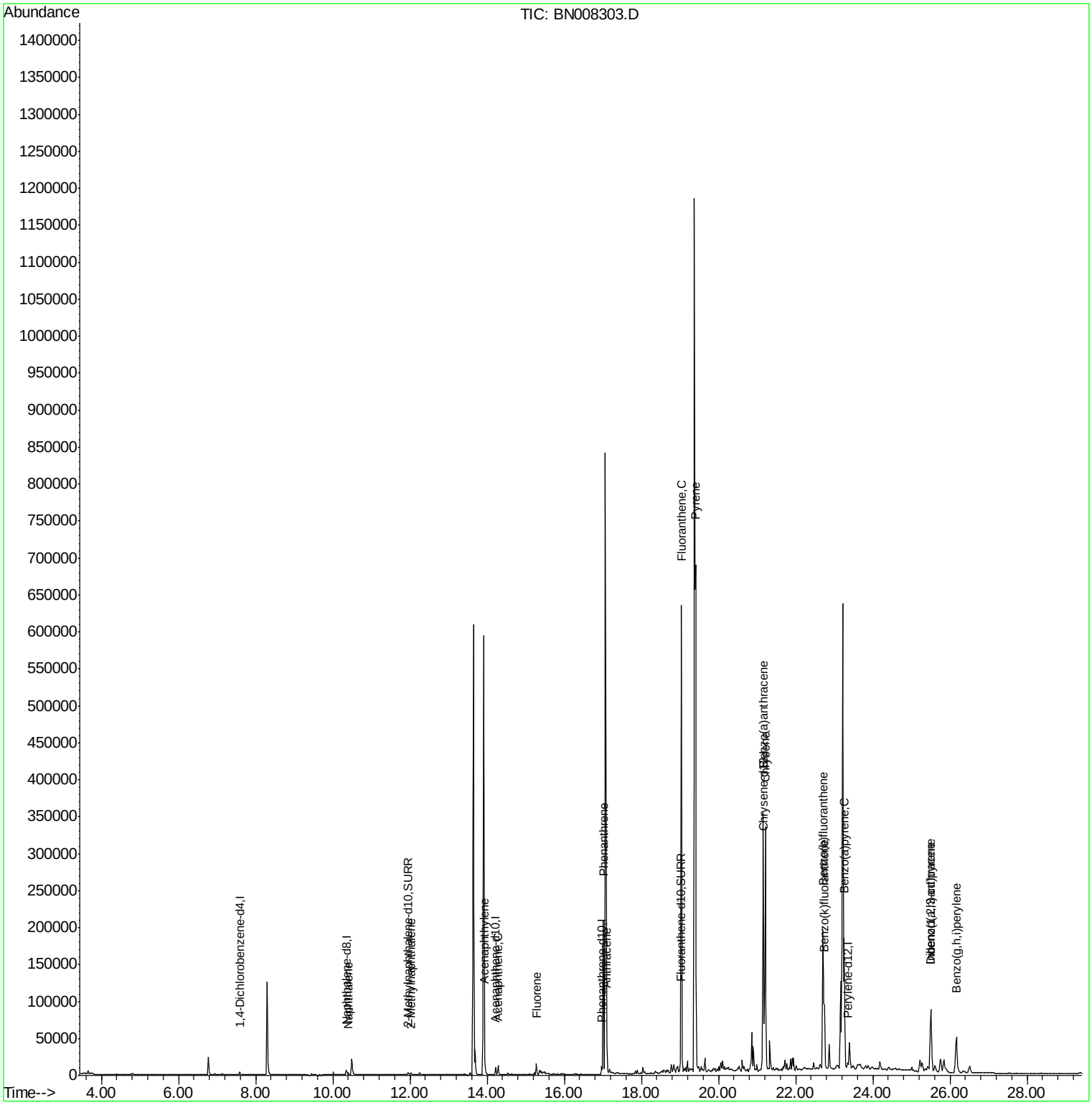
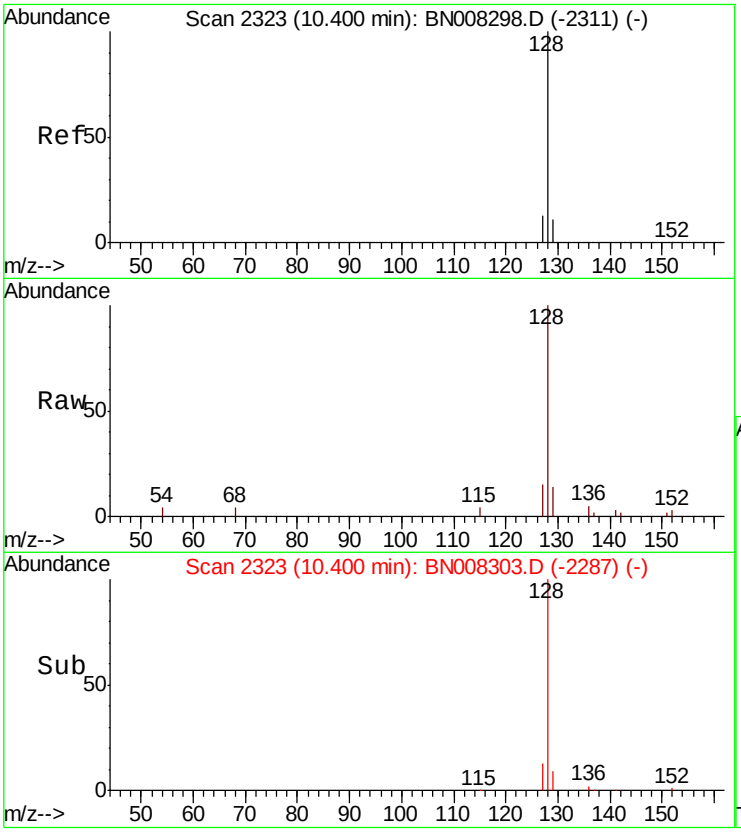
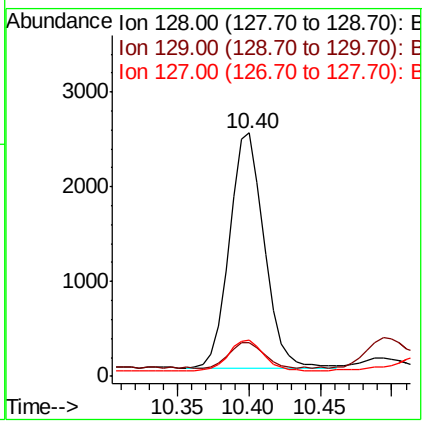




#3
Naphthalene
Concen: 0.158 ng/ul
RT: 10.40 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:128 Resp: 4181

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.8	14.8
127	15.0	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
BEPJ5

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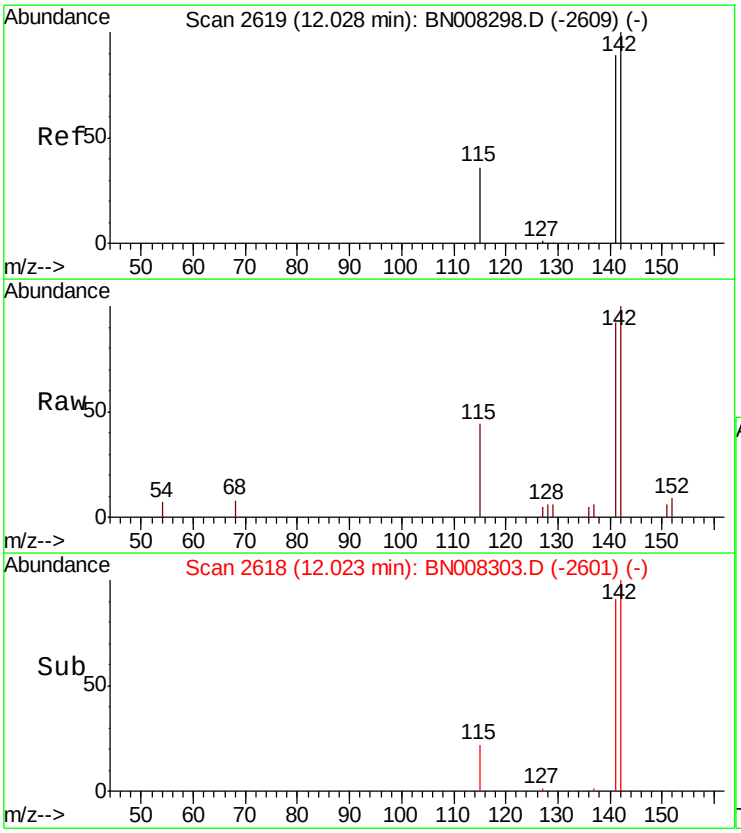
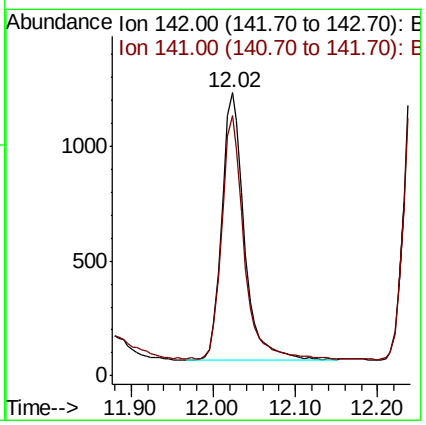
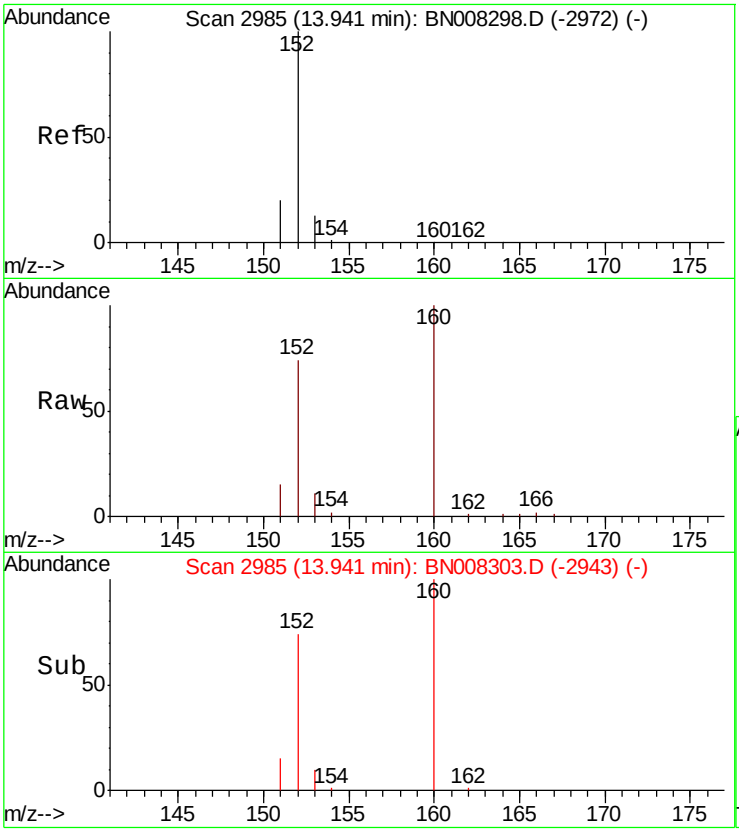


#5
2-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.02 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:142 Resp: 2224

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2

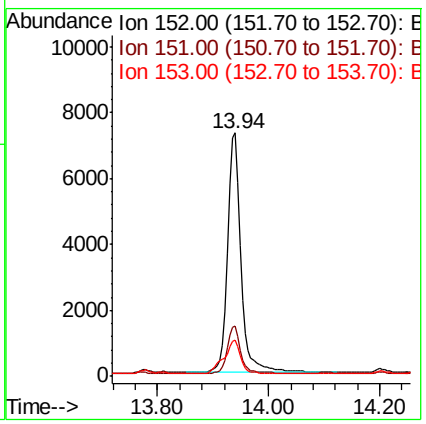




#7
Acenaphthylene
Concen: 0.437 ng/ul
RT: 13.94 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:152 Resp: 12277

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	14.7	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
BEPJ5

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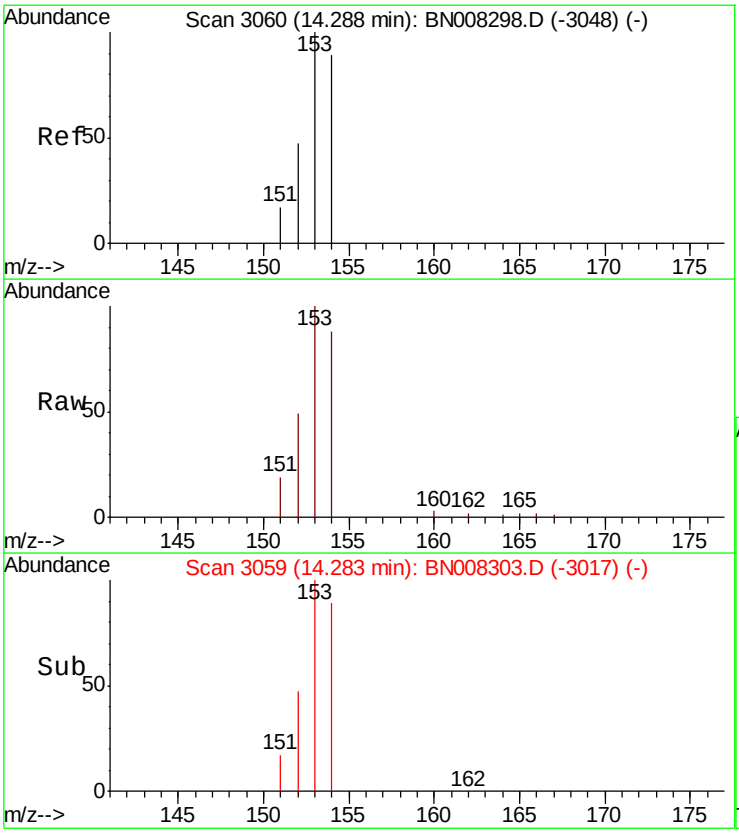
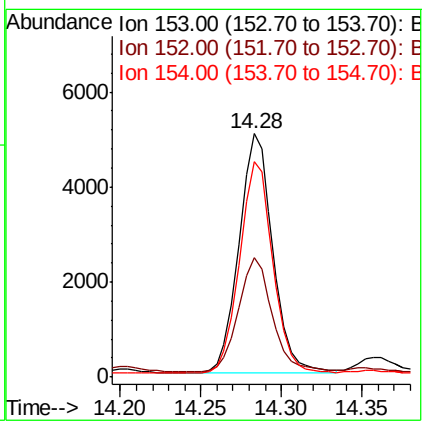
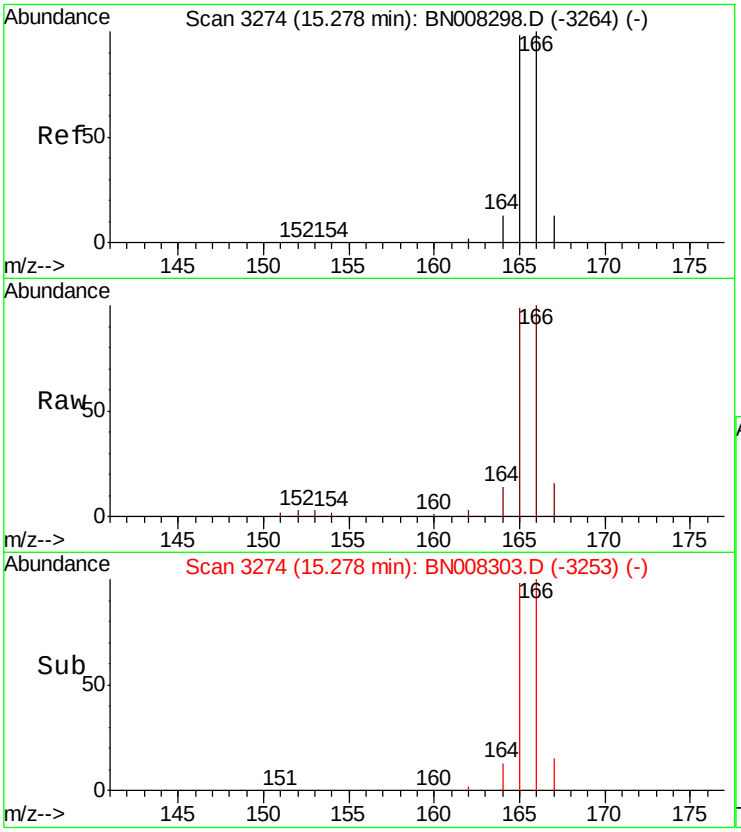


#8
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.28 min Scan# 3059
Delta R.T. -0.00 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:153 Resp: 7348

Ion	Ratio	Lower	Upper
153	100		
152	49.3	38.2	57.2
154	88.5	71.8	107.8

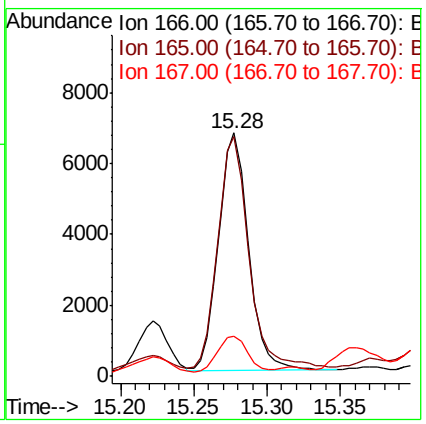




#9
Fluorene
Concen: 0.385 ng/ul
RT: 15.28 min Scan# 3274
Delta R.T. -0.00 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:166 Resp: 9546

Ion	Ratio	Lower	Upper
166	100		
165	98.7	76.6	115.0
167	16.5	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
BEPJ5

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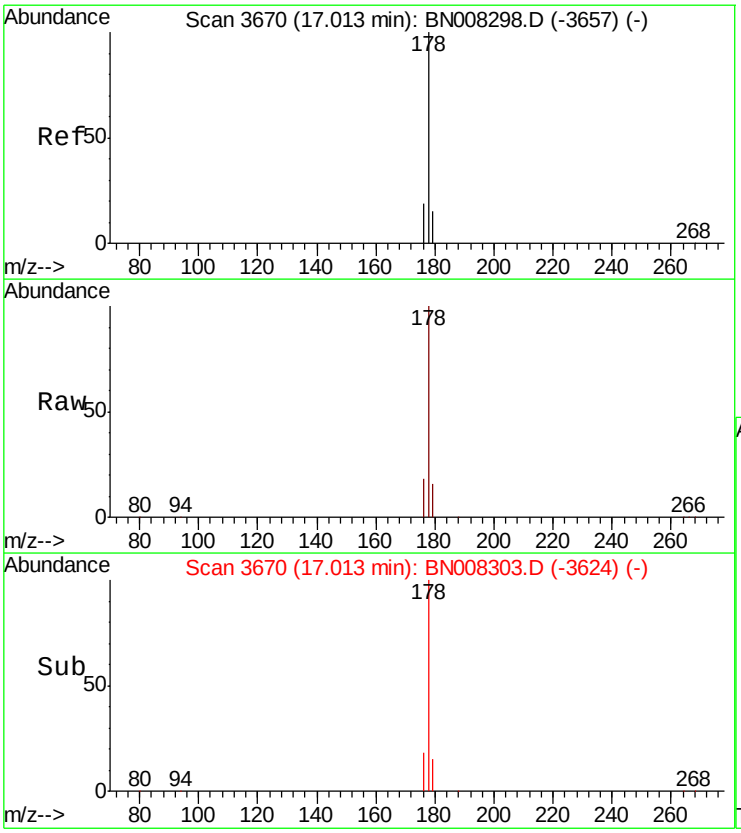
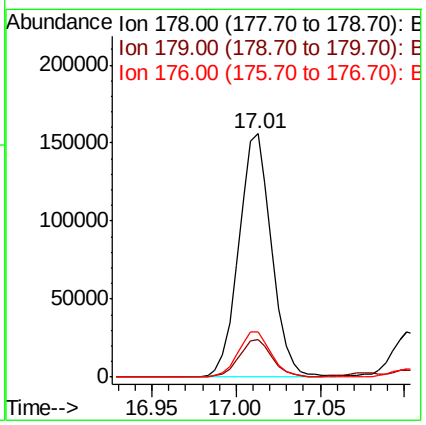
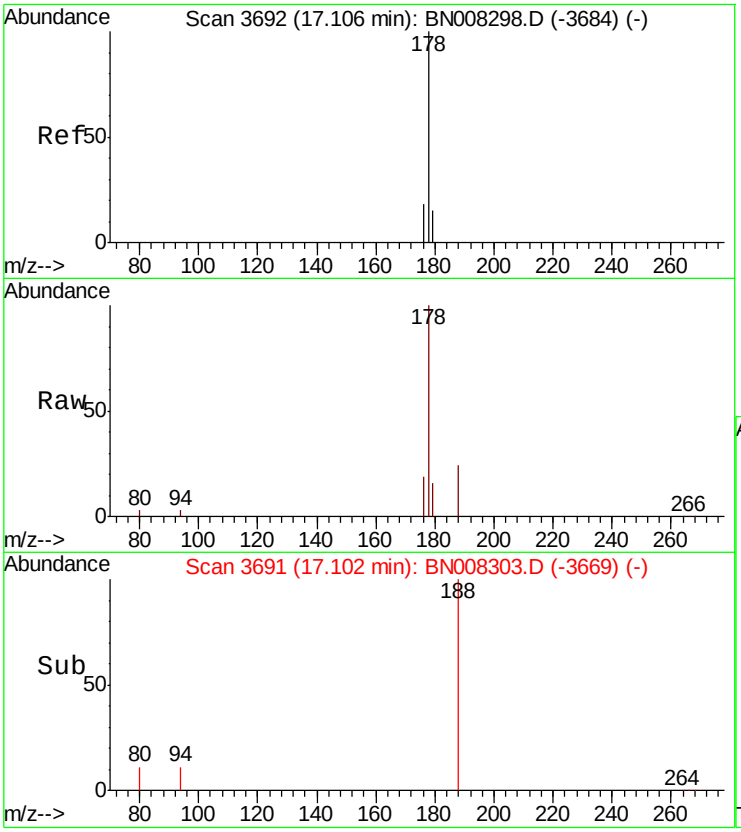


#12
Phenanthrene
Concen: 5.595 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:178 Resp: 211312

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.4	15.4	23.2





#13
Anthracene
Concen: 1.185 ng/ul
RT: 17.10 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:178 Resp: 39379

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.6
176	18.6	15.0	22.6

Instrument :
BNA_N
ClientSampleId :
BEPJ5

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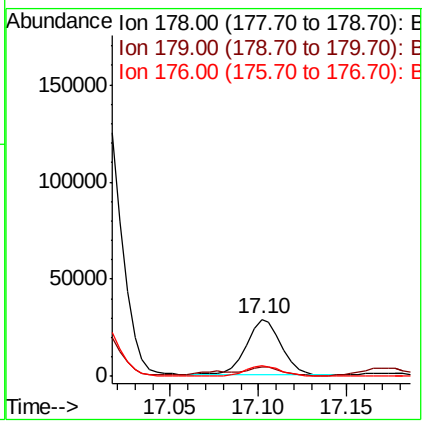
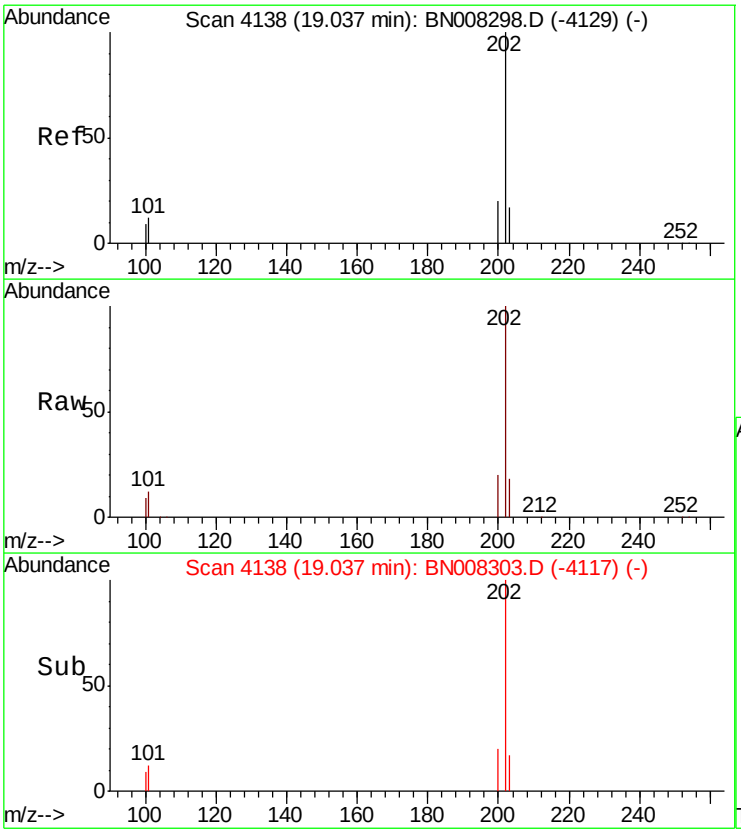
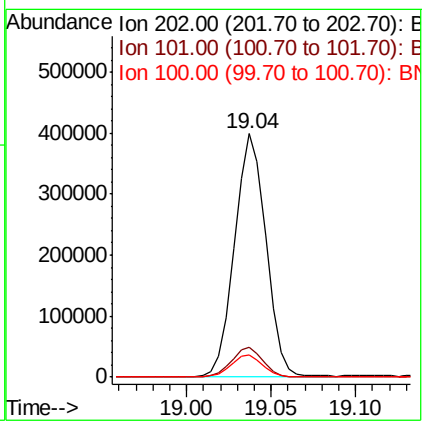


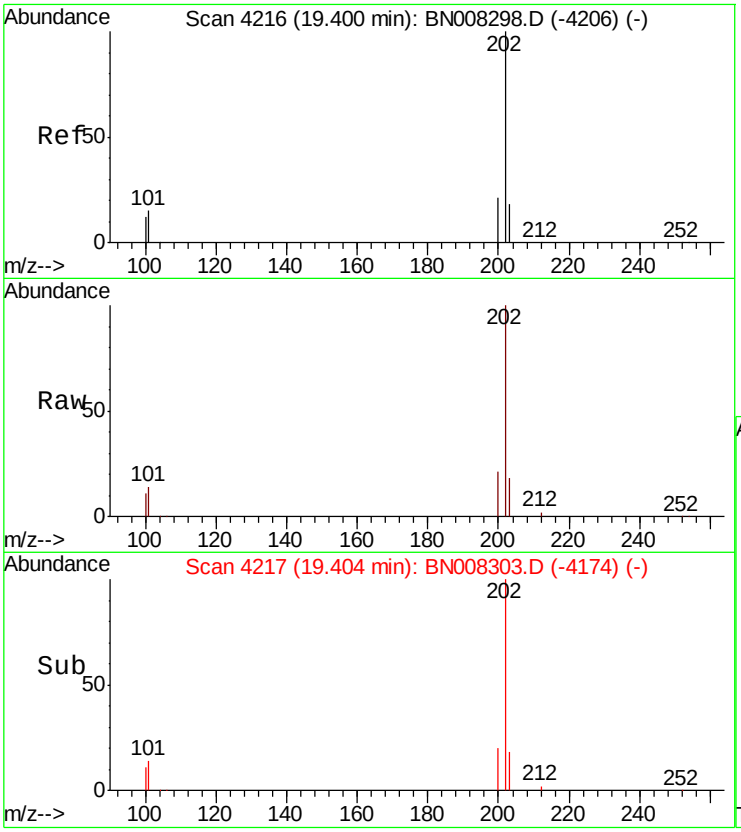


#15
Fluoranthene
Concen: 10.254 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:202 Resp: 511531

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.2
100	9.2	0.0	28.5





#17
Pyrene
Concen: 12.566 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:202 Resp: 531555

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.9	16.3
100	11.1	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEPJ5

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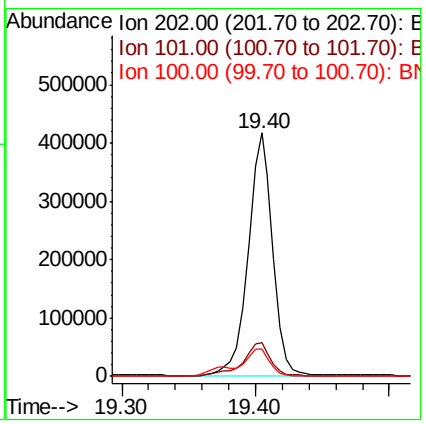
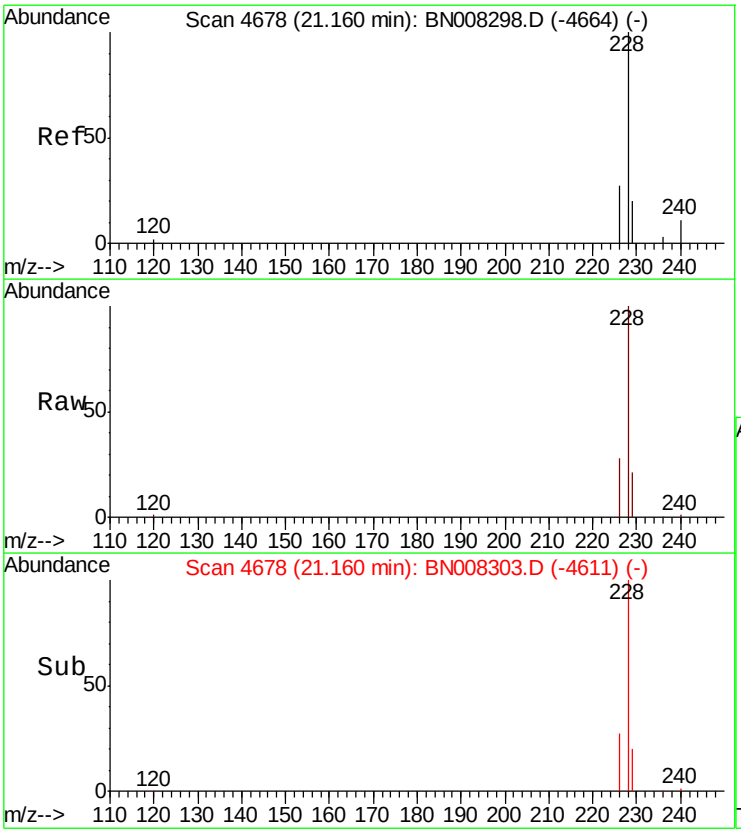
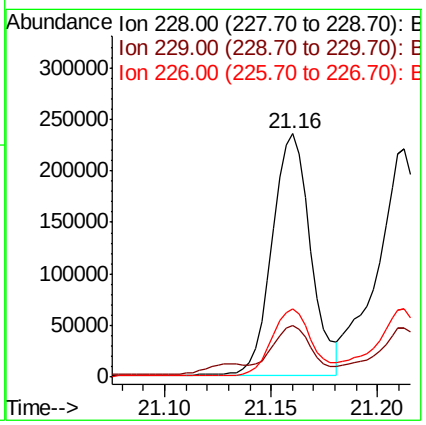


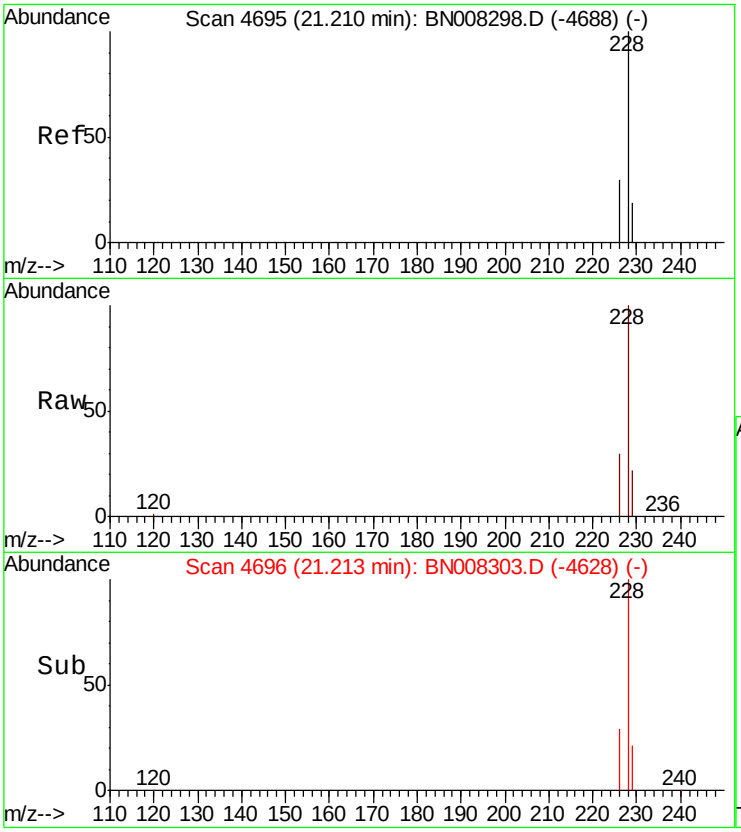


#18
Benzo(a)anthracene
Concen: 7.610 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:228 Resp: 293928

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.2
226	27.8	21.4	32.0

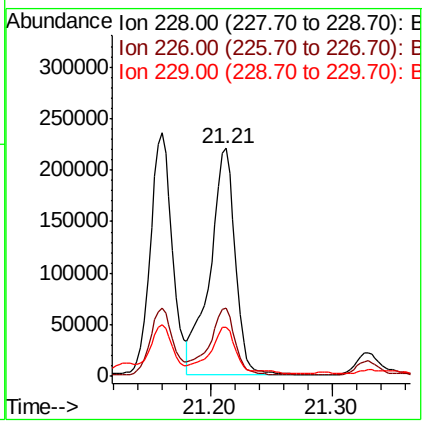




#19
Chrysene
Concen: 6.677 ng/ul
RT: 21.21 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:228 Resp: 316478

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	21.6	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
BEPJ5

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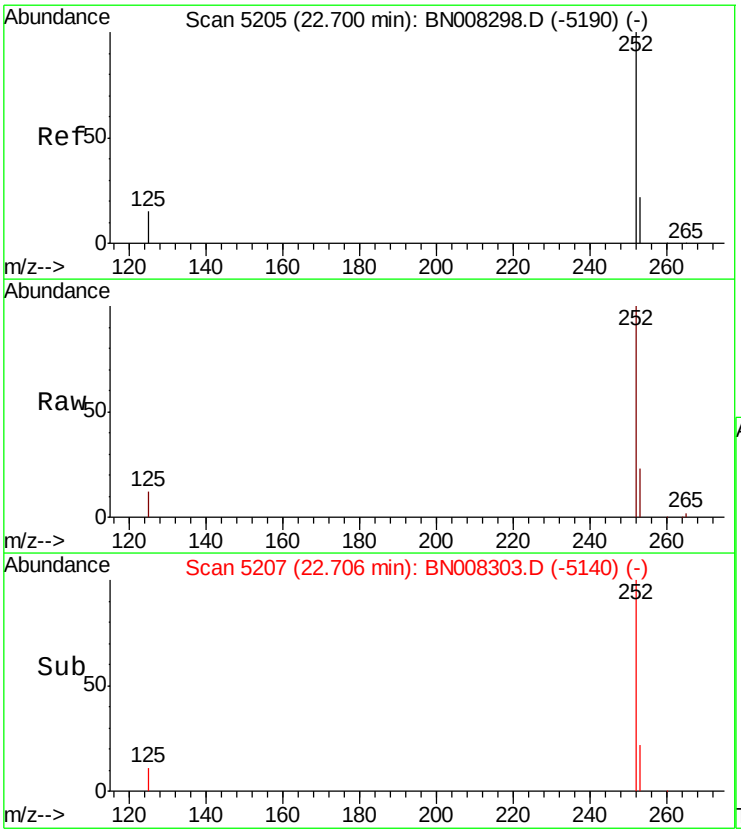
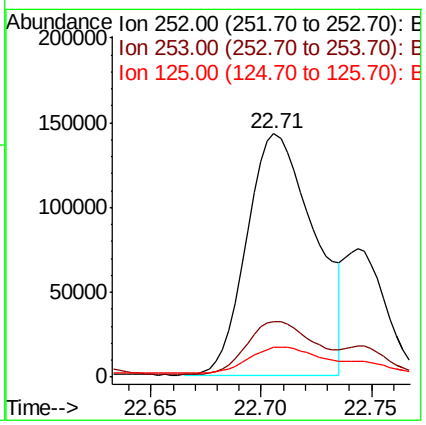
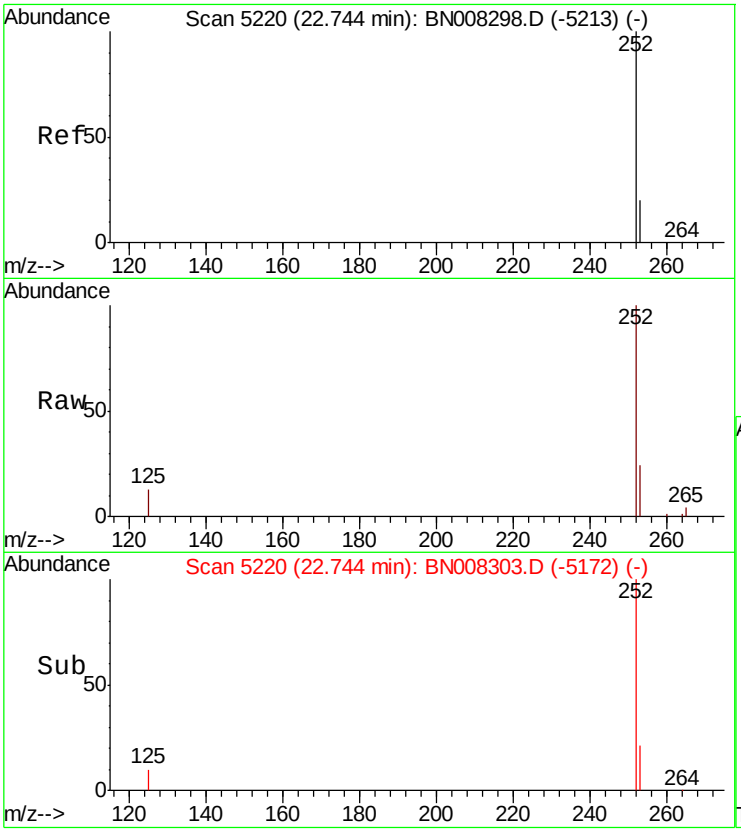


#21
Benzo(b)fluoranthene
Concen: 10.226 ng/ul m
RT: 22.71 min Scan# 5207
Delta R.T. -0.00 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:252 Resp: 303092

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	53.4
125	12.1	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 2.763 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:252 Resp: 92780

Ion	Ratio	Lower	Upper
252	100		
253	24.1	21.3	31.9
125	12.6	12.3	18.5

Instrument :
BNA_N
ClientSampleId :
BEPJ5

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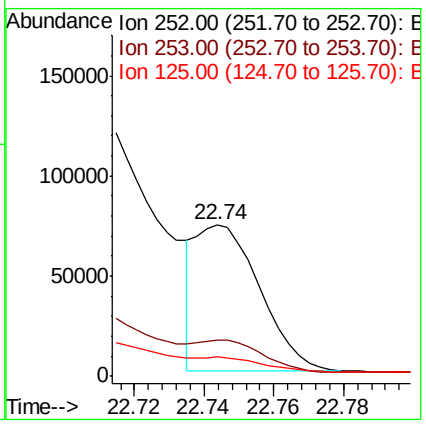
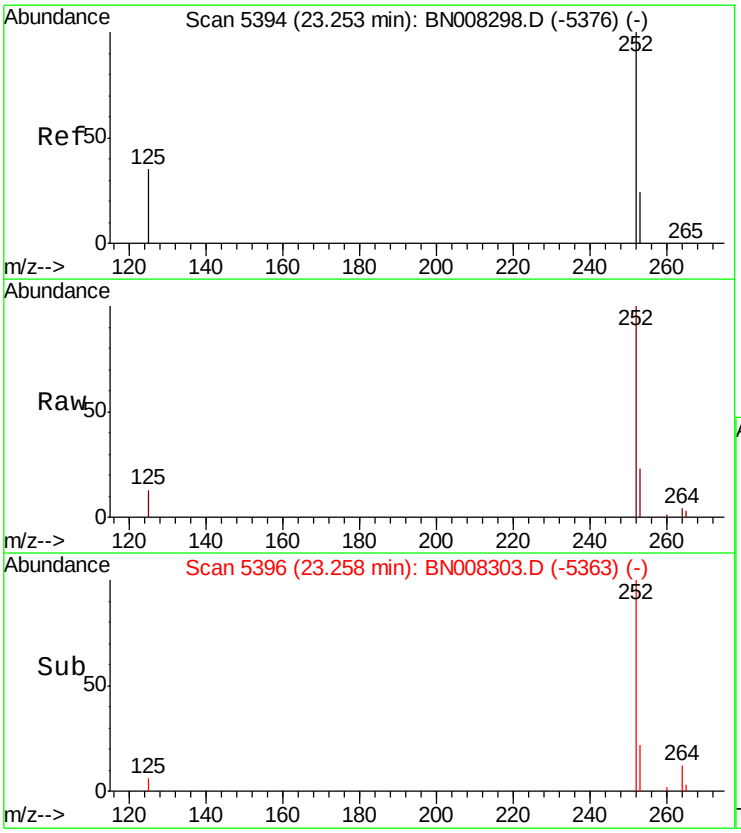
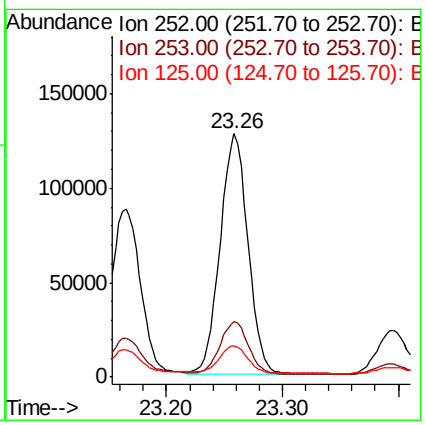


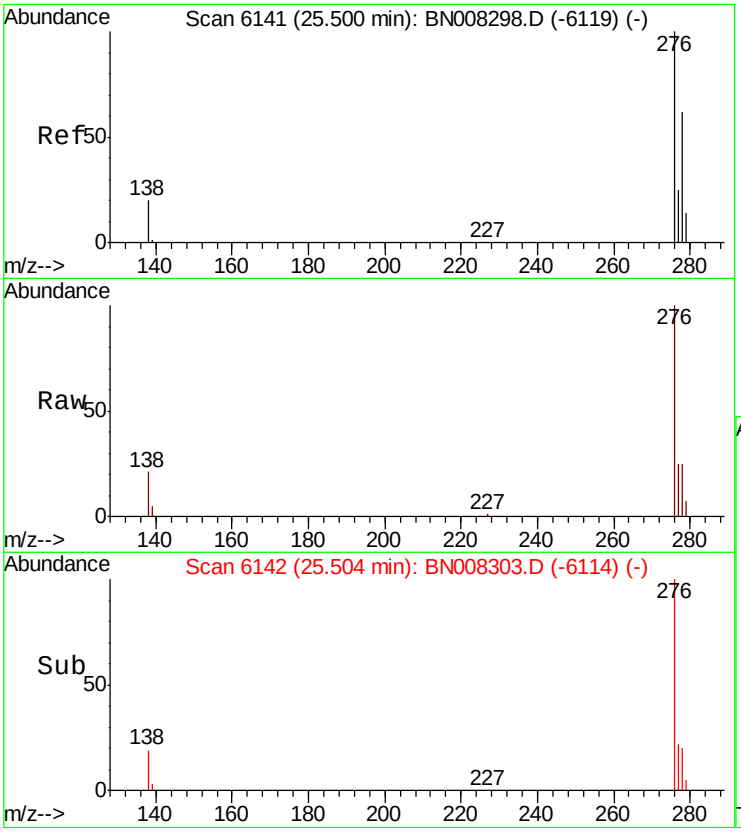


#23
Benzo(a)pyrene
Concen: 6.800 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.00 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:252 Resp: 212090

Ion	Ratio	Lower	Upper
252	100		
253	23.0	22.8	34.2
125	13.0	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 3.340 ng/ul
RT: 25.50 min Scan# 6142
Delta R.T. -0.01 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:276 Resp: 122681

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.1	24.1
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
BEPJ5

Manual Integrations APPROVED
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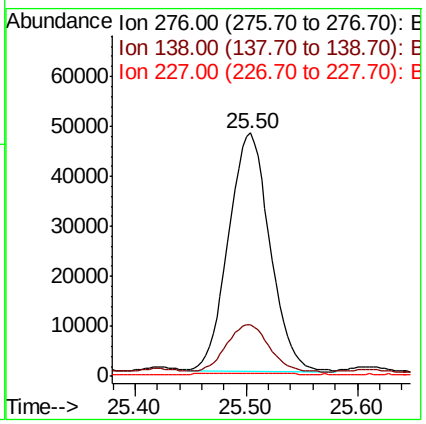
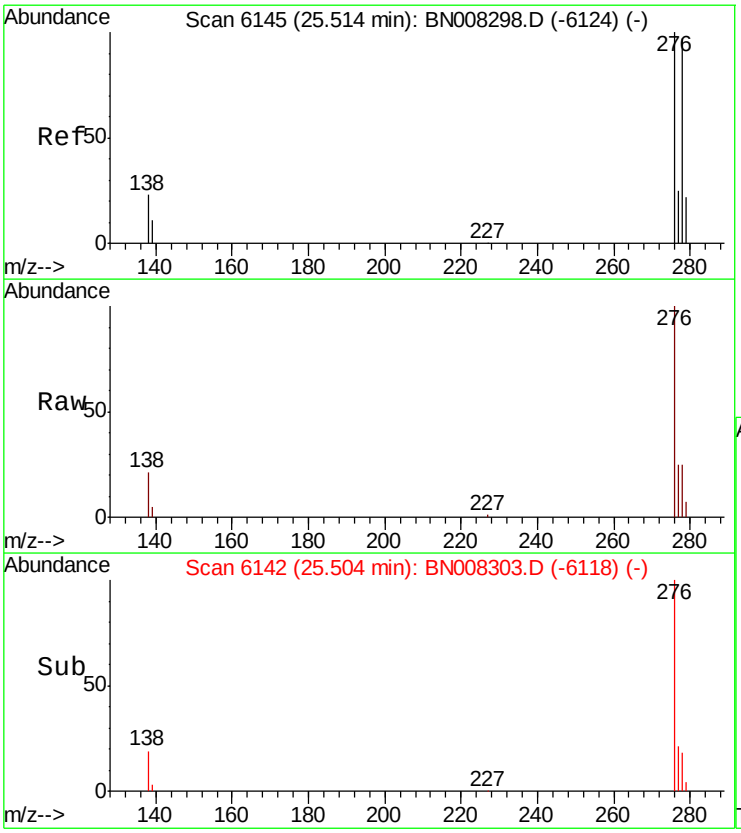
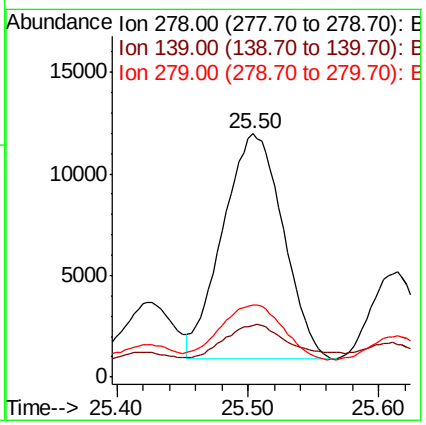


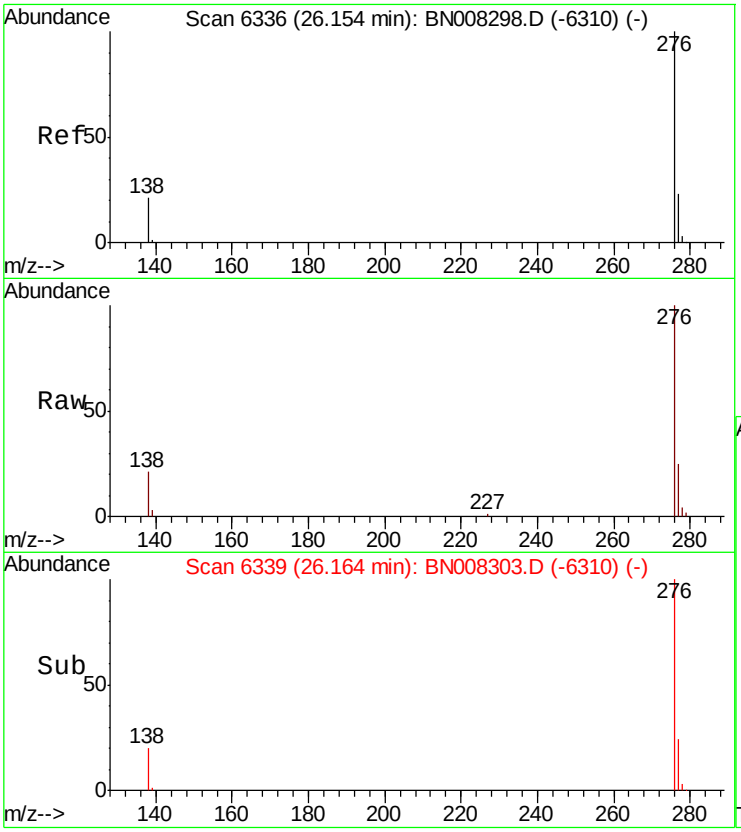


#25
Dibenzo(a,h)anthracene
Concen: 1.220 ng/ul
RT: 25.50 min Scan# 6142
Delta R.T. -0.02 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:278 Resp: 35416

Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.0	22.6
279	29.5	22.4	33.6

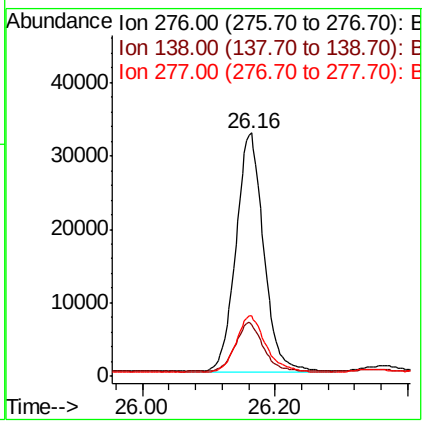




#26
Benzo(g,h,i)perylene
Concen: 2.783 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.00 min
Lab File: BN008303.D
Acq: 22 Oct 2019 03:48

Tgt Ion:276 Resp: 93753

Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.0	25.4
277	25.0	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPJ5

Manual Integrations APPROVED
mohammad
10/22/2019 3:28:20 PM