Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101819\
Data File : BN008252.D
Acq On : 18 Oct 2019 18:00
Operator : JU
Sample : K5178-21DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPJ3DL

Manual Integrations APPROVED
mohammad
10/22/2019 1:40:41 AM

Quant Time: Oct 18 18:41:14 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 : Fri Oct 18 17:22:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3059	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	14888	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	9440	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	20050	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	19316	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	17185	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	765	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	2544	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	1224	0.029	ng/ul#	85
5) 2-Methylnaphthalene	12.04	142	696	0.024	ng/ul	99
7) Acenaphthylene	13.95	152	3821	0.085	ng/ul	96
8) Acenaphthene	14.29	153	1721	0.049	ng/ul	98
9) Fluorene	15.28	166	2318	0.058	ng/ul#	95
12) Phenanthrene	17.02	178	51535	0.878	ng/ul	99
13) Anthracene	17.11	178	9149	0.177	ng/ul	99
15) Fluoranthene	19.04	202	138590	1.788	ng/ul	97
17) Pyrene	19.41	202	136954	1.781	ng/ul	100
18) Benzo(a)anthracene	21.17	228	74144	1.056	ng/ul	98
19) Chrysene	21.22	228	82834	0.961	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	89776m	1.605	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	38386m	0.606	ng/ul	
23) Benzo(a)pyrene	23.26	252	61651	1.047	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.52	276	34868	0.503	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.52	278	8292	0.151	ng/ul#	90
26) Benzo(g,h,i)perylene	26.17	276	33121	0.521	ng/ul	99

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

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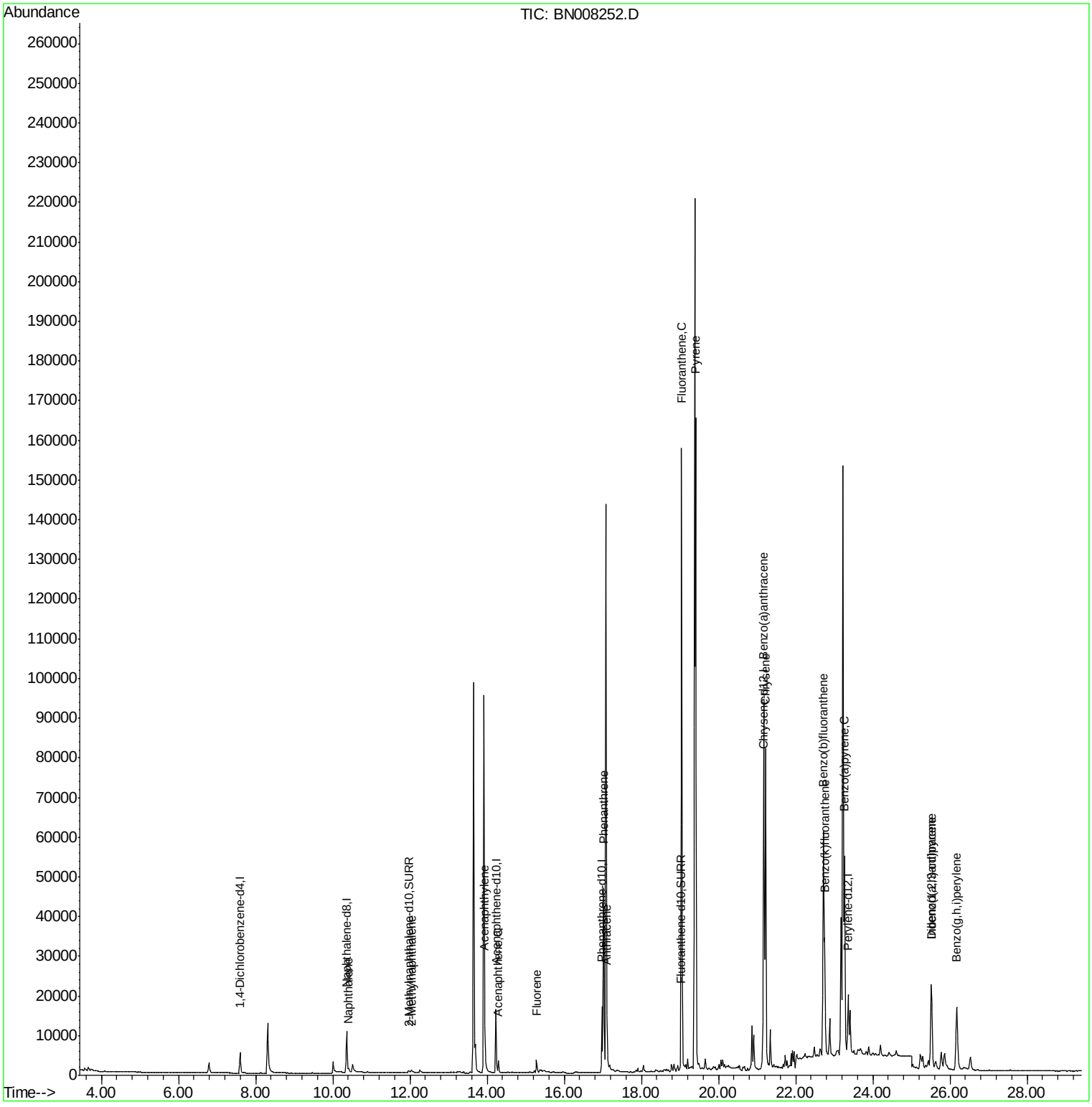

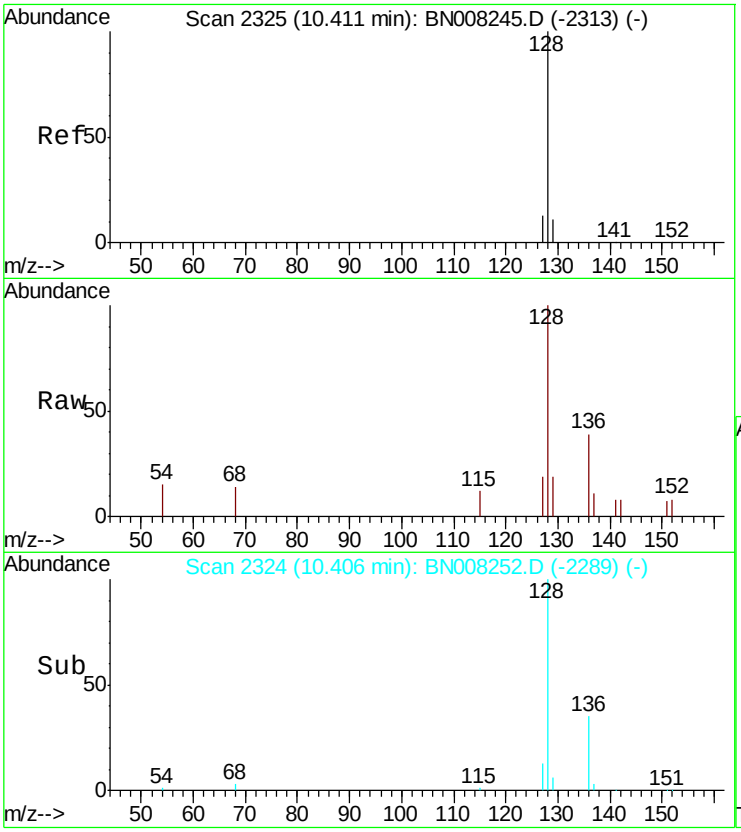

#3
Naphthalene
Concen: 0.029 ng/ul
RT: 10.41 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:128 Resp: 1224

Ion	Ratio	Lower	Upper
128	100		
129	19.1	9.8	14.8#
127	19.3	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEPJ3DL

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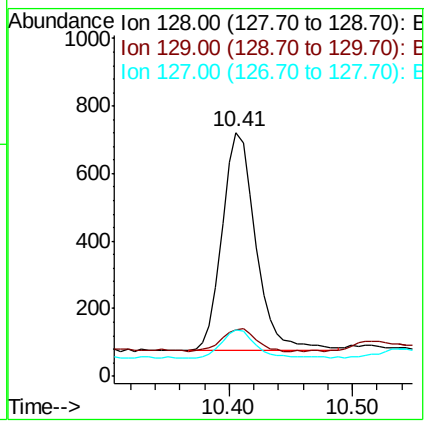
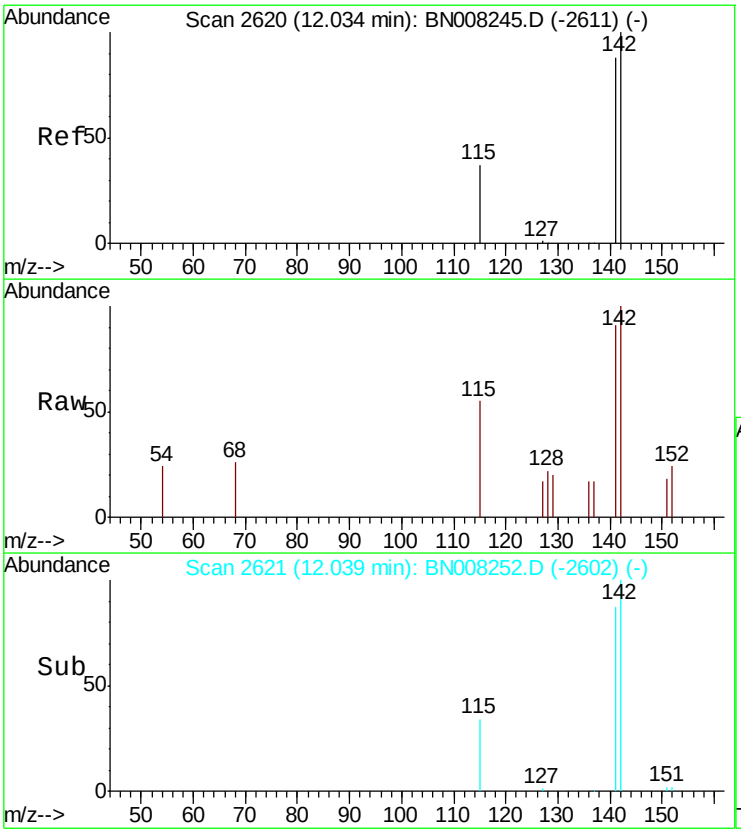
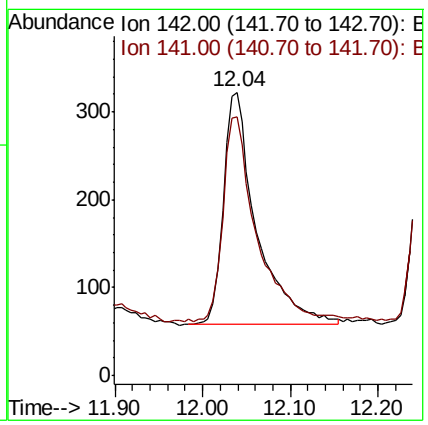


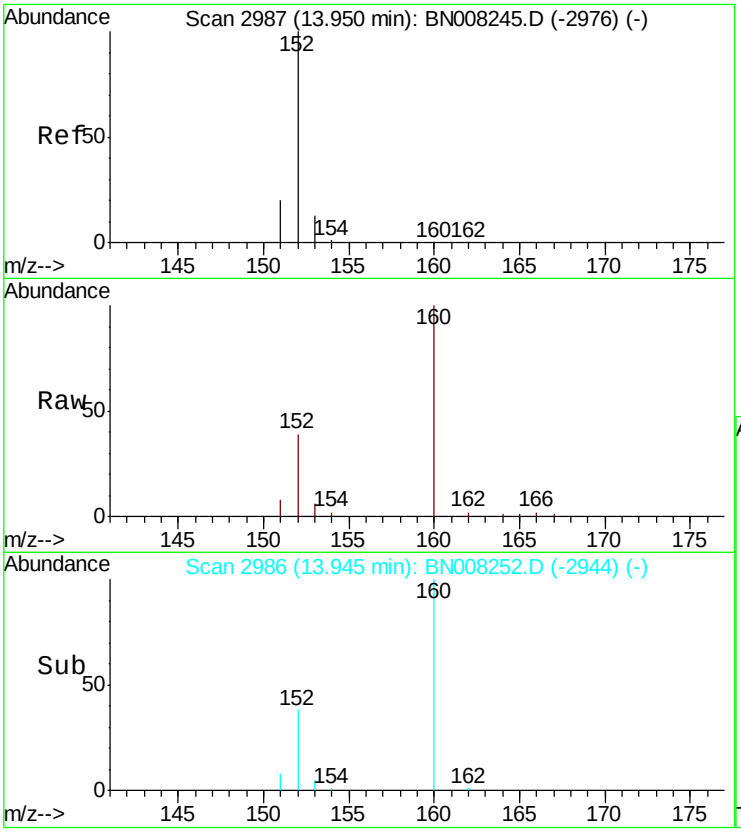


#5
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.04 min Scan# 2621
Delta R.T. 0.01 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:142 Resp: 696

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2

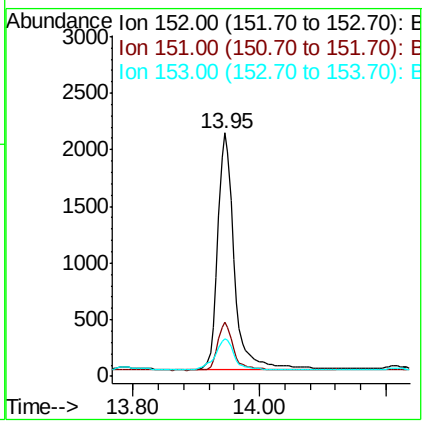




#7
Acenaphthylene
Concen: 0.085 ng/ul
RT: 13.95 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:152 Resp: 3821

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.2	24.4
153	15.4	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
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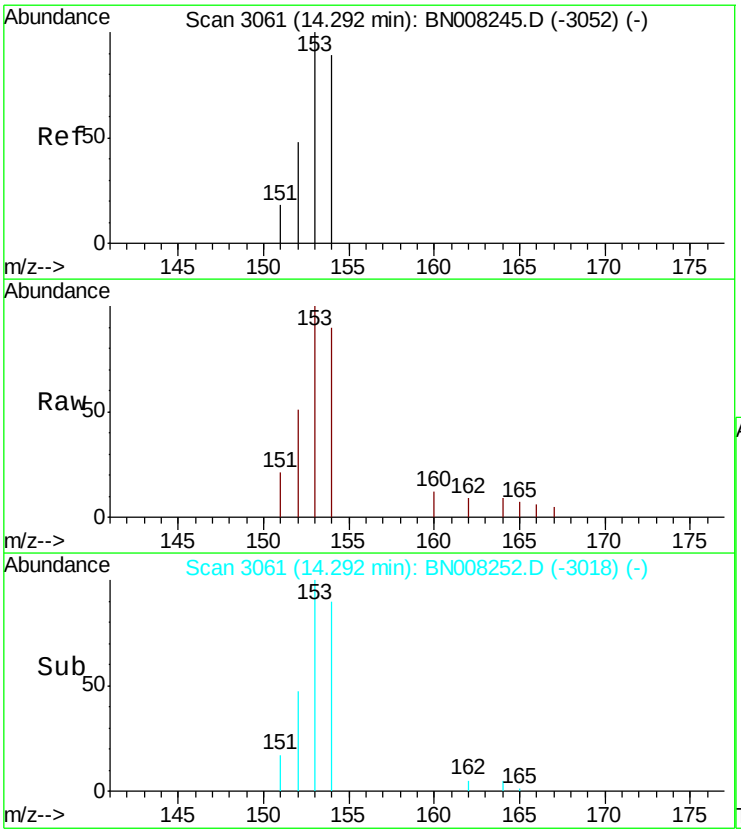
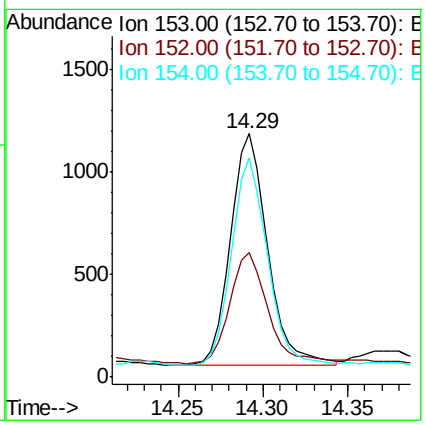
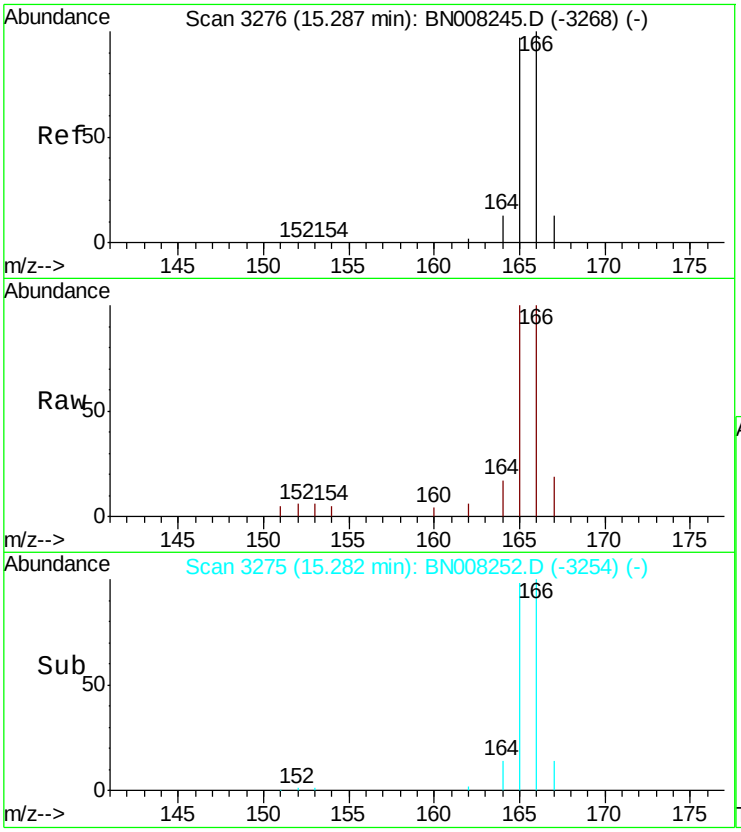


#8
Acenaphthene
Concen: 0.049 ng/ul
RT: 14.29 min Scan# 3061
Delta R.T. 0.00 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:153 Resp: 1721

Ion	Ratio	Lower	Upper
153	100		
152	51.2	38.2	57.2
154	90.0	71.8	107.8





#9
Fluorene
Concen: 0.058 ng/ul
RT: 15.28 min Scan# 3275
Delta R.T. -0.00 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:166 Resp: 2318

Ion	Ratio	Lower	Upper
166	100		
165	99.9	76.6	115.0
167	19.1	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
BEPJ3DL

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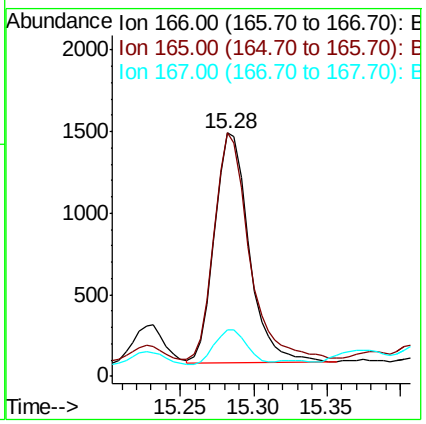
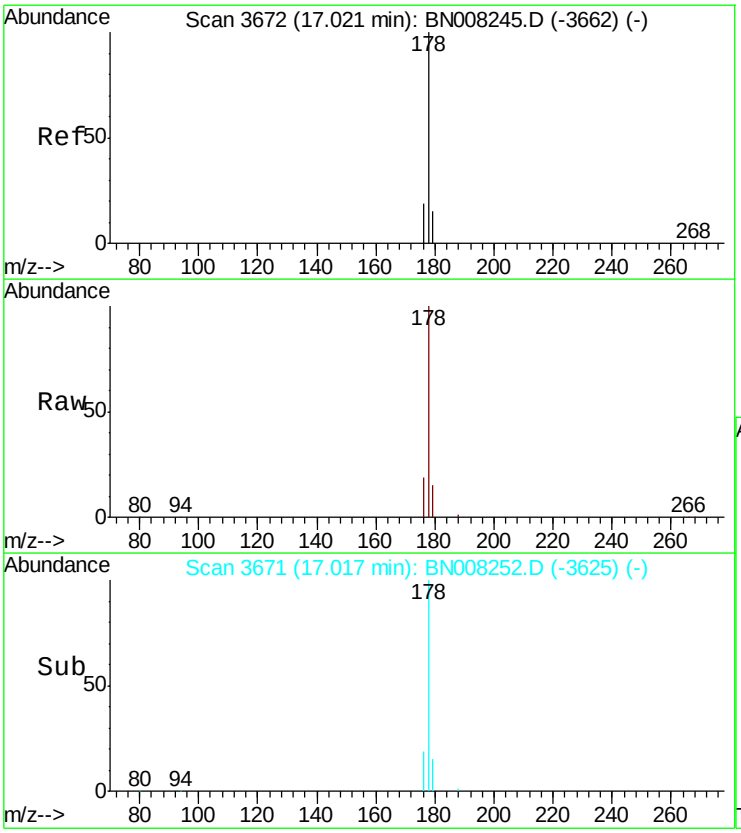
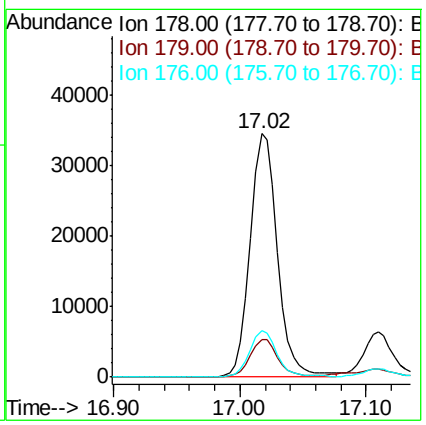


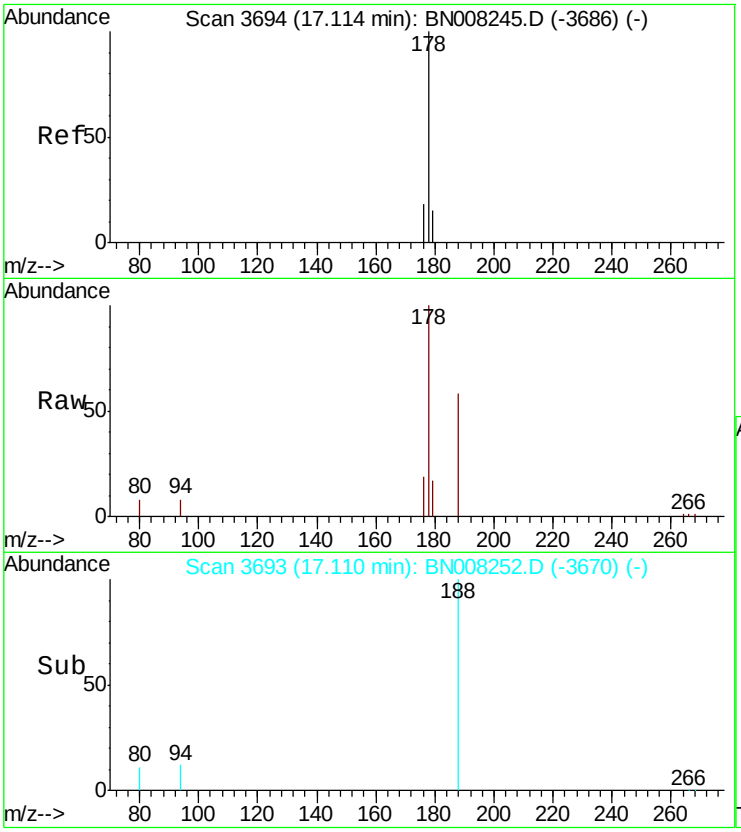


#12
Phenanthrene
Concen: 0.878 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:178 Resp: 51535

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.9	15.4	23.2

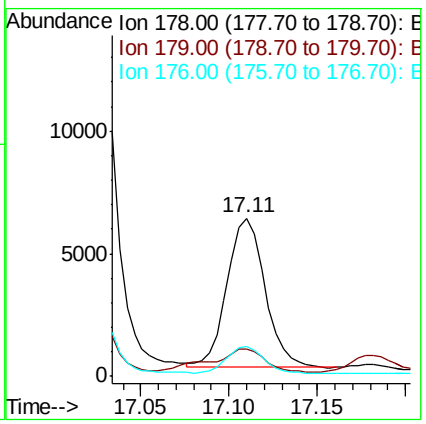




#13
Anthracene
Concen: 0.177 ng/ul
RT: 17.11 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:178 Resp: 9149

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.0	19.6
176	18.8	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPJ3DL

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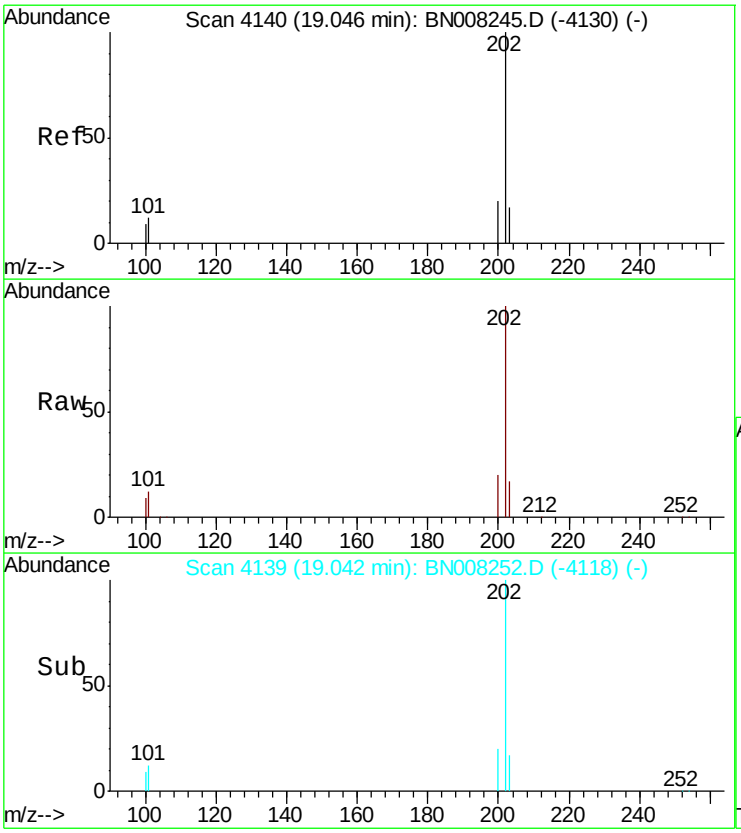
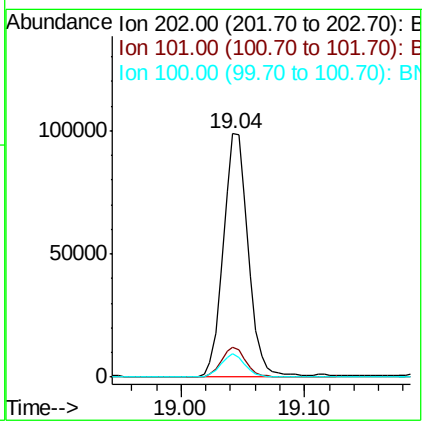
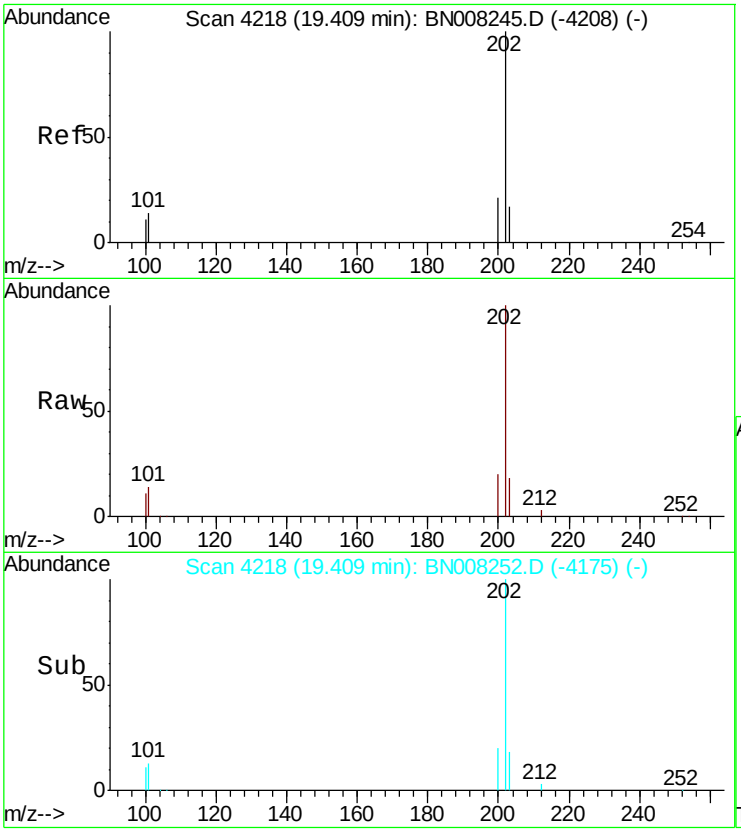


#15
Fluoranthene
Concen: 1.788 ng/ul
RT: 19.04 min Scan# 4139
Delta R.T. -0.00 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:202 Resp: 138590

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.2
100	9.5	0.0	28.5





#17
Pyrene
Concen: 1.781 ng/ul
RT: 19.41 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:202 Resp: 136954

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
100	10.9	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEPJ3DL

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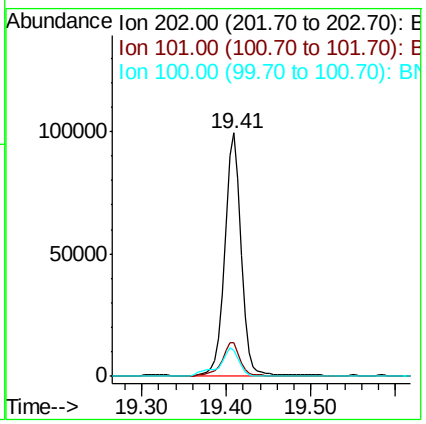
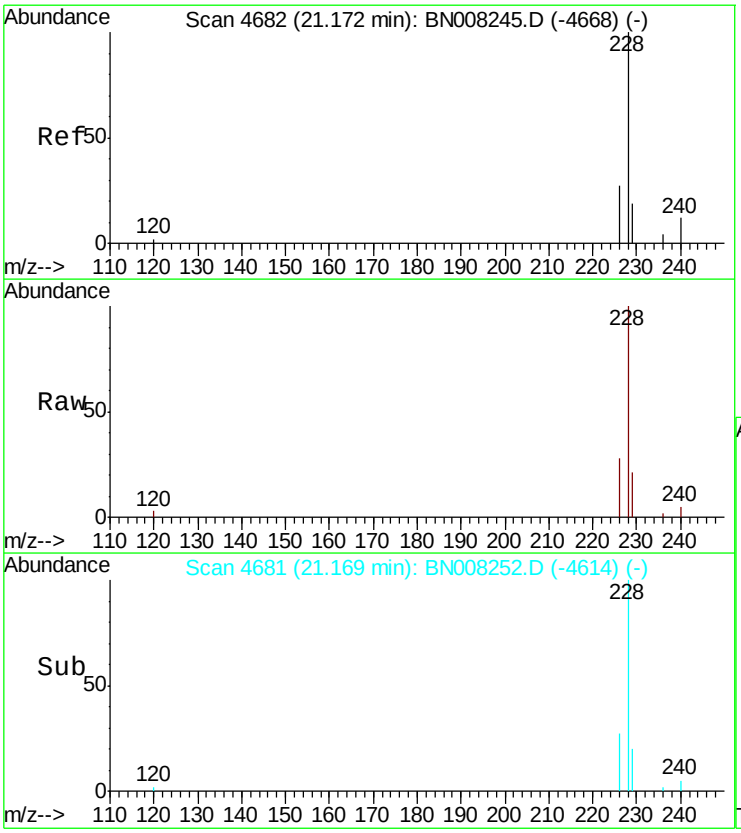
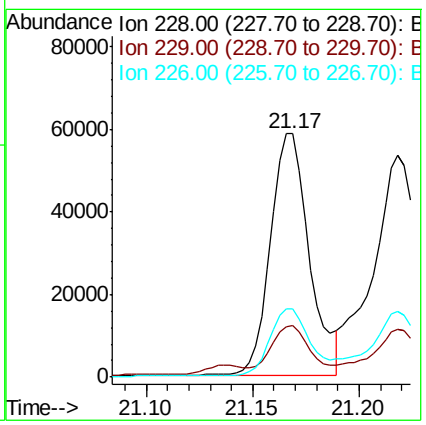


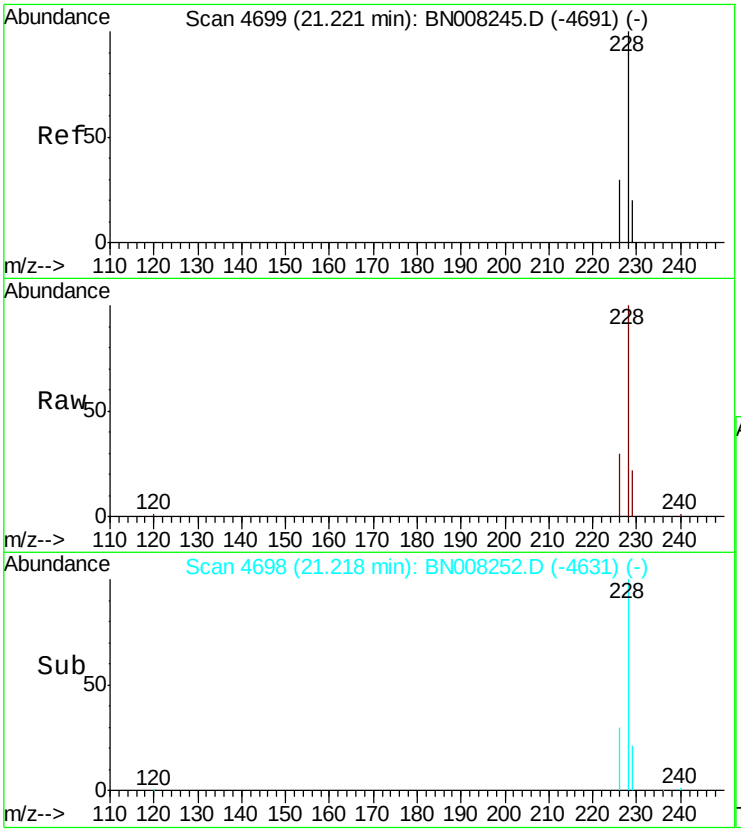


#18
Benzo(a)anthracene
Concen: 1.056 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:228 Resp: 74144

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.2	24.2
226	27.8	21.4	32.0

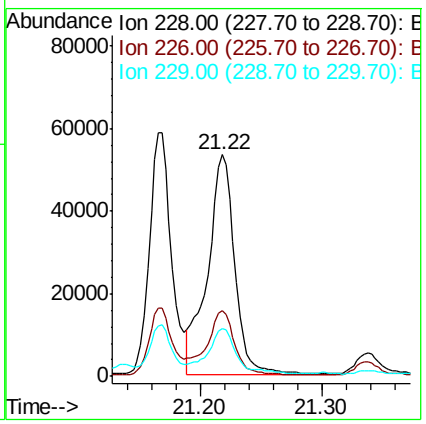




#19
Chrysene
Concen: 0.961 ng/ul
RT: 21.22 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:228 Resp: 82834

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	21.7	16.2	24.2



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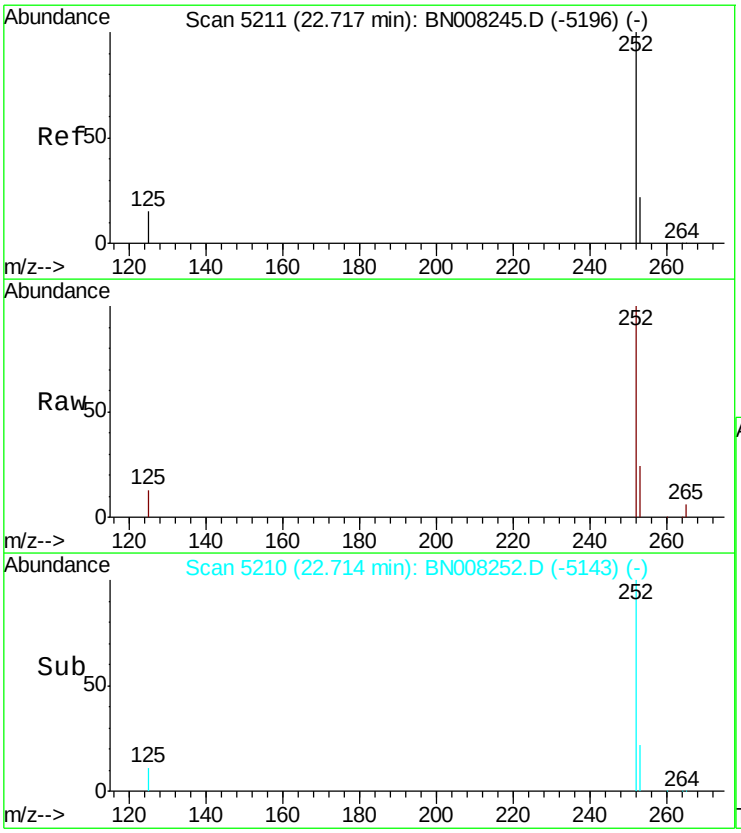
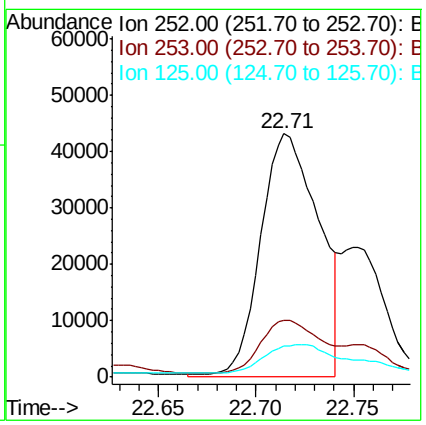
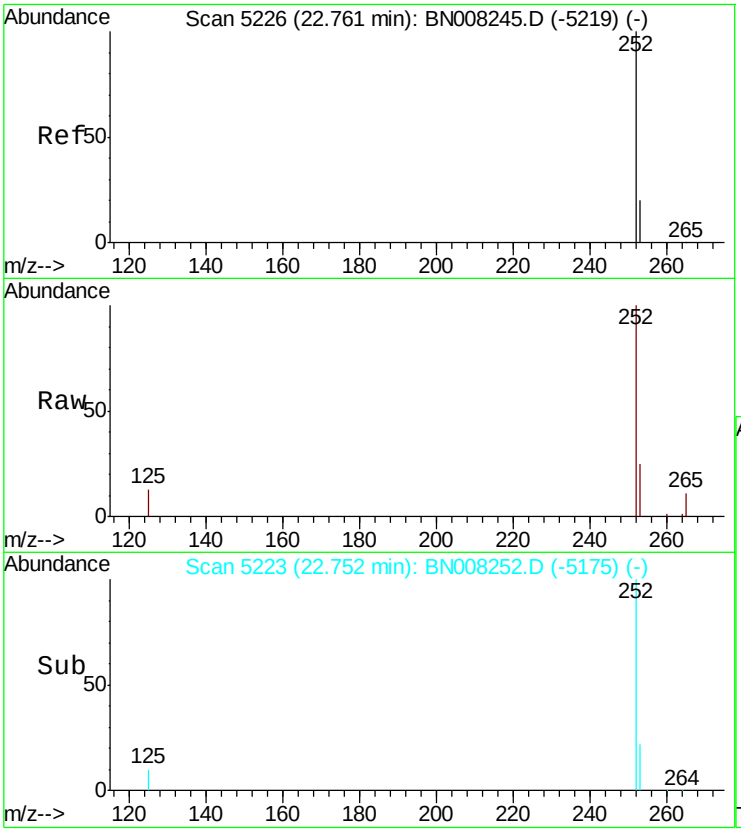


#21
Benzo(b)fluoranthene
Concen: 1.605 ng/ul m
RT: 22.71 min Scan# 5210
Delta R.T. -0.00 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:252 Resp: 89776

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	53.4
125	12.6	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 0.606 ng/ul m
RT: 22.75 min Scan# 5223
Delta R.T. -0.01 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:252 Resp: 38386

Ion	Ratio	Lower	Upper
252	100		
253	25.3	21.3	31.9
125	13.2	12.3	18.5

Instrument :
BNA_N
ClientSampleId :
BEPJ3DL

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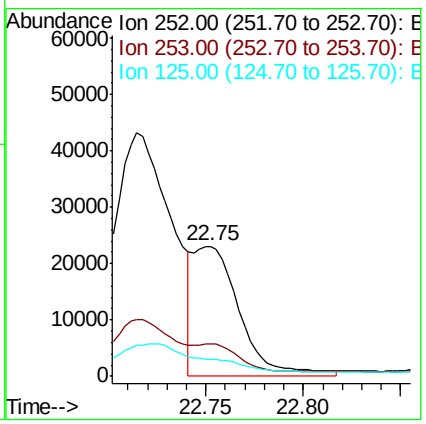
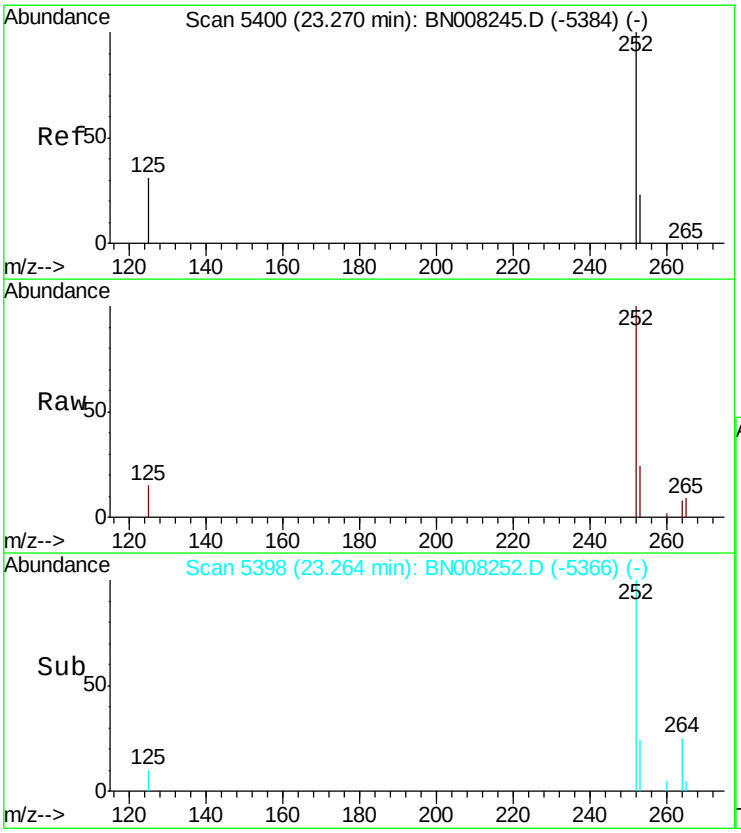
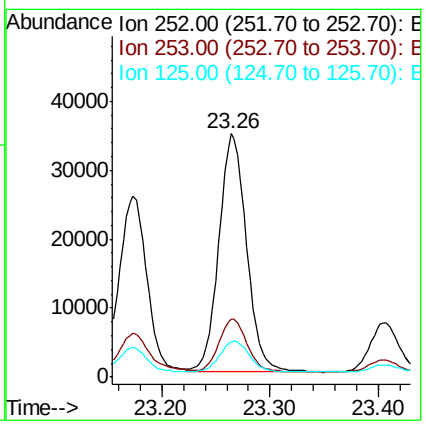


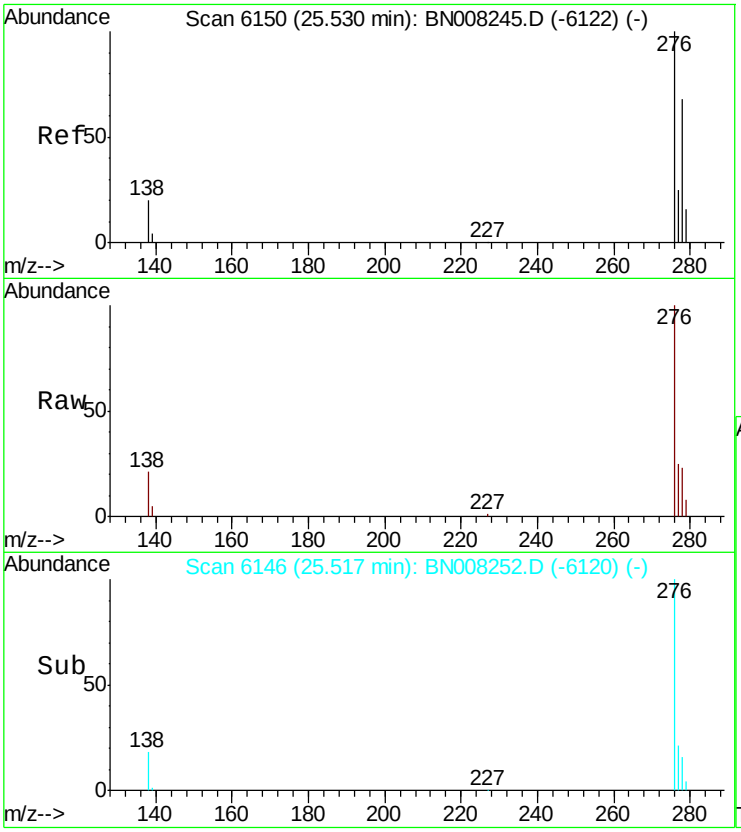


#23
Benzo(a)pyrene
Concen: 1.047 ng/ul
RT: 23.26 min Scan# 5398
Delta R.T. -0.01 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:252 Resp: 61651

Ion	Ratio	Lower	Upper
252	100		
253	23.9	22.8	34.2
125	14.6	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.503 ng/ul
RT: 25.52 min Scan# 6146
Delta R.T. -0.01 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:276 Resp: 34868

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

Instrument :
BNA_N
ClientSampleId :
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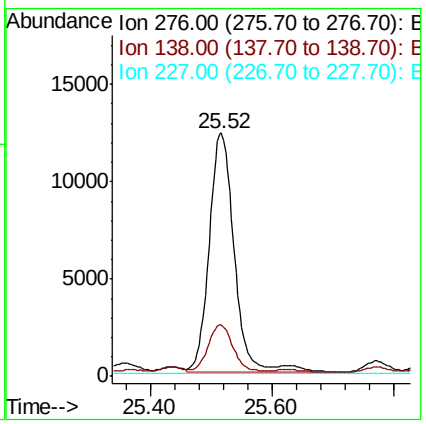
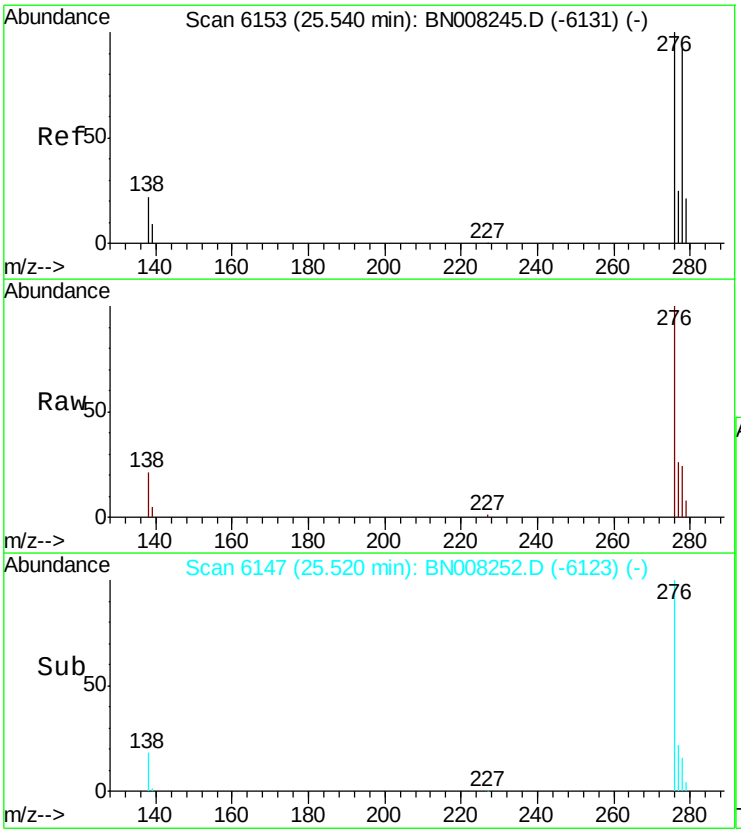
10/22/2019 1:40:41 AM

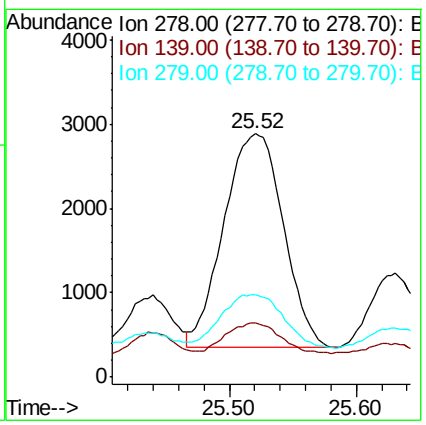


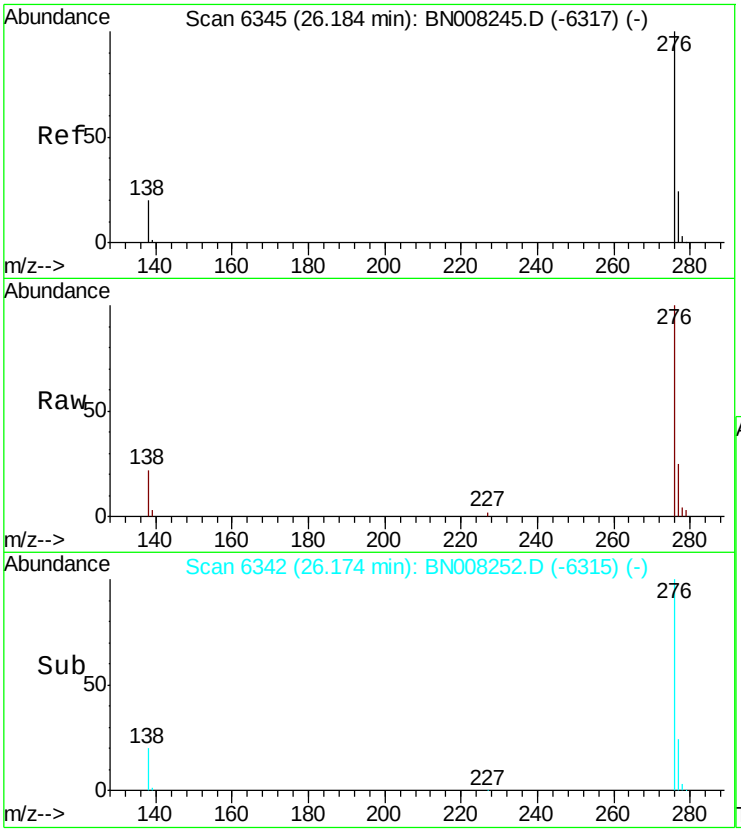


#25
Dibenzo(a,h)anthracene
Concen: 0.151 ng/ul
RT: 25.52 min Scan# 6147
Delta R.T. -0.02 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:278 Resp: 8292

Ion	Ratio	Lower	Upper
278	100		
139	22.5	15.0	22.6
279	33.9	22.4	33.6#

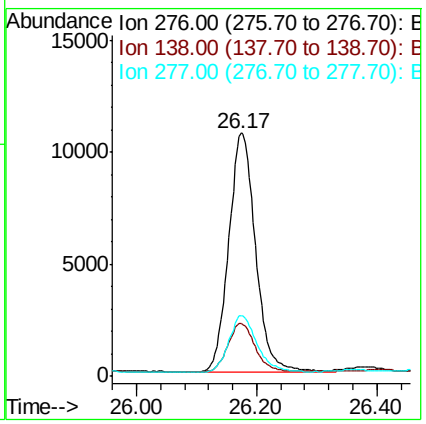




#26
Benzo(g,h,i)perylene
Concen: 0.521 ng/ul
RT: 26.17 min Scan# 6342
Delta R.T. -0.01 min
Lab File: BN008252.D
Acq: 18 Oct 2019 18:00

Tgt Ion:276 Resp: 33121

Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.0	25.4
277	25.0	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPJ3DL

Manual Integrations APPROVED
mohammad
10/22/2019 1:40:41 AM