Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008120.D
Acq On : 12 Oct 2019 19:32
Operator : JU
Sample : K5178-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPJ3

Manual Integrations APPROVED
mohammad
10/15/2019 7:59:12 AM

Quant Time: Oct 13 04:22:51 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 11 19:05:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2244	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	10977	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7190	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	16864m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	17175m	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	15482m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	3883	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	14009m	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	5614	0.180	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	3434	0.160	ng/ul	99
7) Acenaphthylene	13.98	152	24007	0.701	ng/ul	99
8) Acenaphthene	14.32	153	8227	0.309	ng/ul	100
9) Fluorene	15.31	166	11831	0.391	ng/ul	97
12) Phenanthrene	17.05	178	266925m	5.406	ng/ul	
13) Anthracene	17.14	178	53779m	1.238	ng/ul	
15) Fluoranthene	19.07	202	735265m	11.275	ng/ul	
17) Pyrene	19.44	202	711280	10.401	ng/ul	98
18) Benzo(a)anthracene	21.19	228	419289m	6.715	ng/ul	
19) Chrysene	21.24	228	459161	5.992	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	513921m	10.197	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	164796m	2.887	ng/ul	
23) Benzo(a)pyrene	23.30	252	350444	6.608	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.57	276	190128	3.044	ng/ul	98
25) Dibenzo(a,h)anthracene	25.57	278	50462	1.022	ng/ul	99
26) Benzo(g,h,i)perylene	26.23	276	186238	3.251	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008120.D
Acq On : 12 Oct 2019 19:32
Operator : JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 13 04:22:51 2019
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BNA_N
ClientSampleId :
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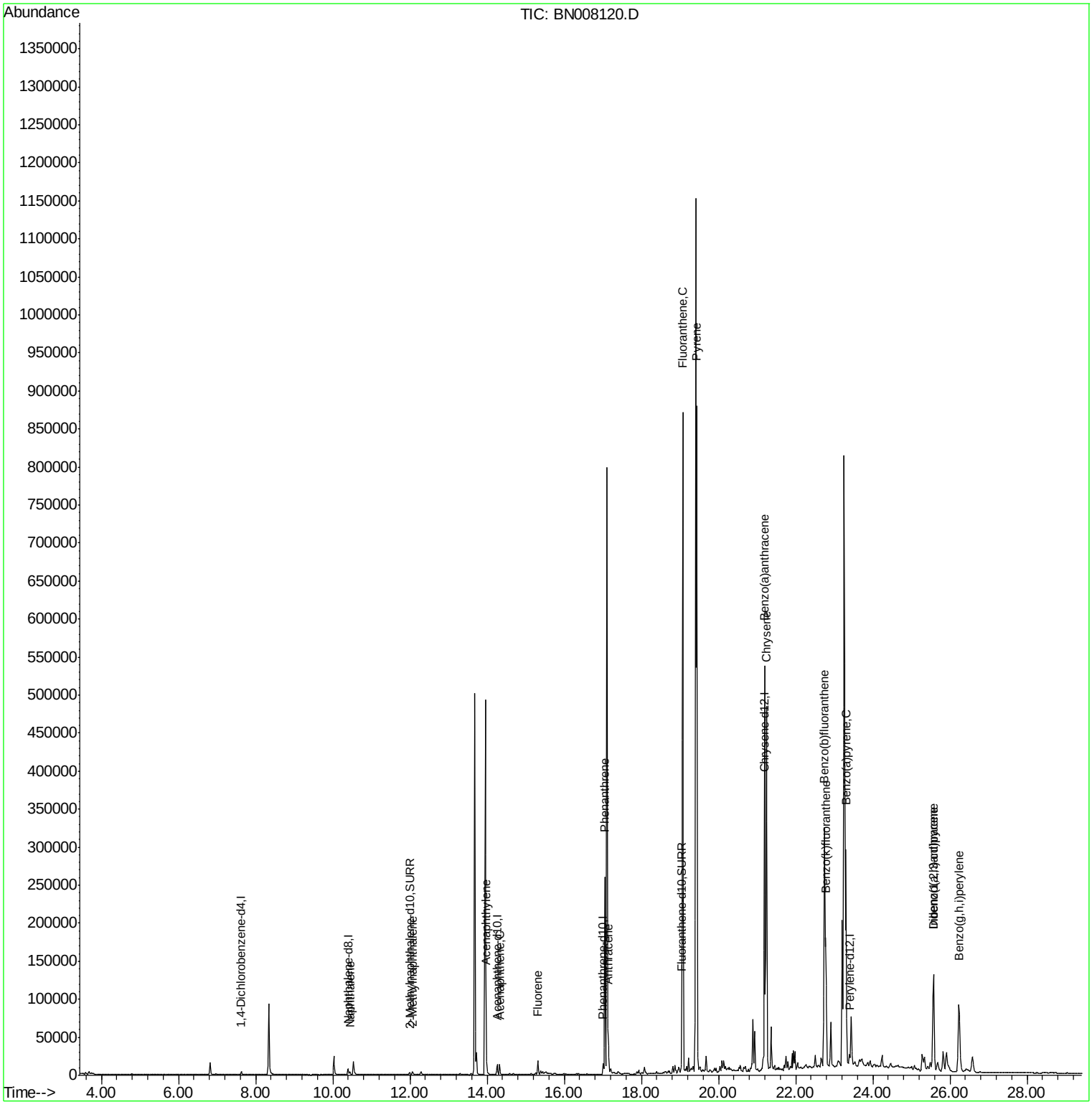
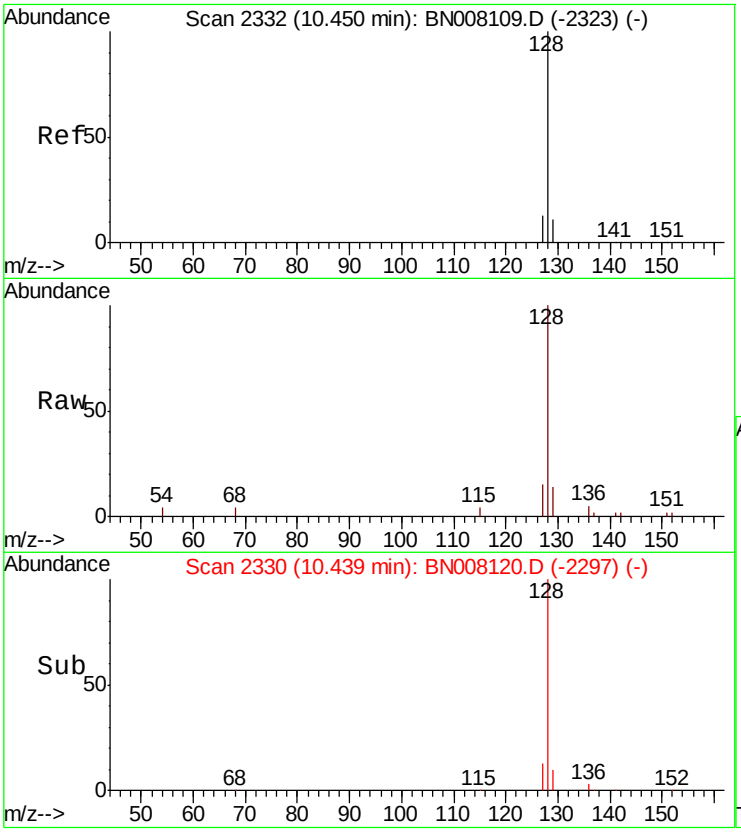
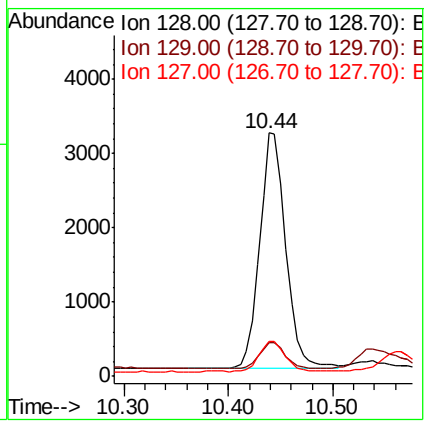




#3
Naphthalene
Concen: 0.180 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:128 Resp: 5614

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.8	14.8
127	14.6	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
BEPJ3

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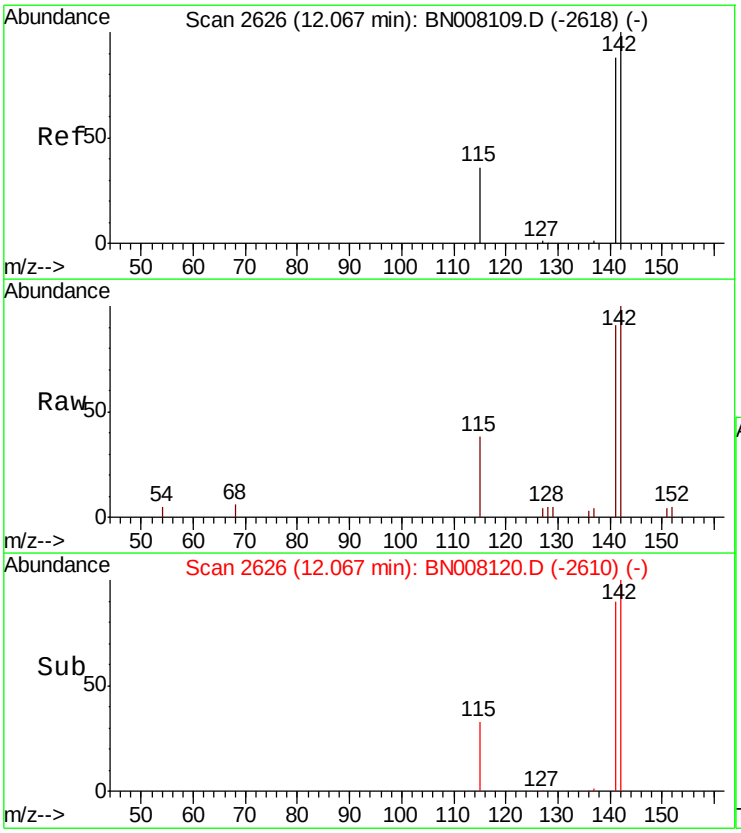
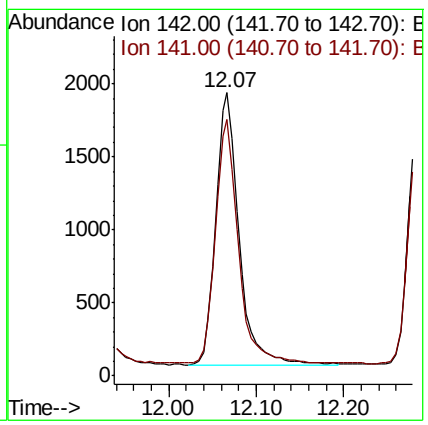
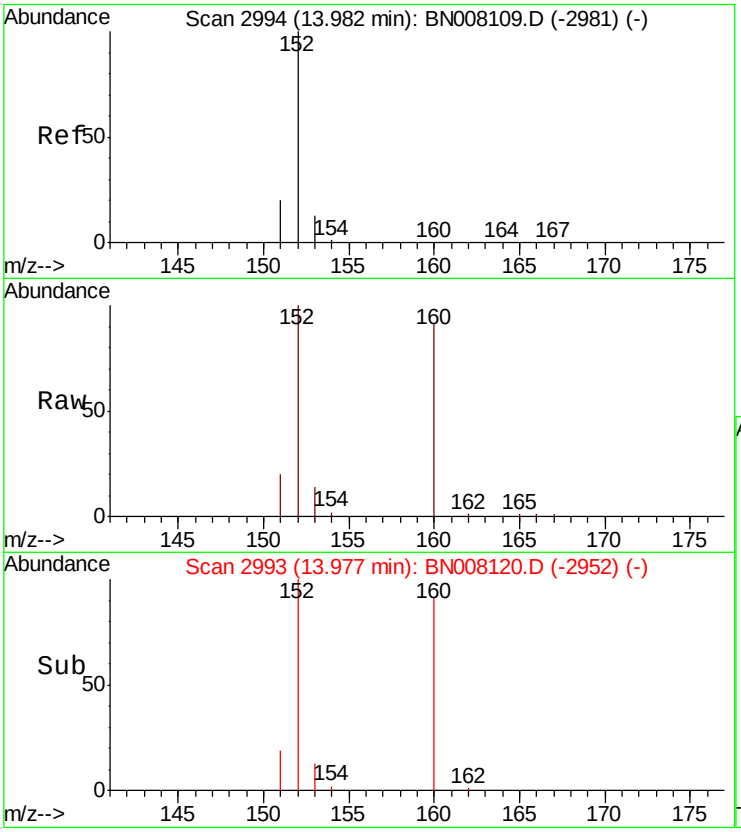


#5
2-Methylnaphthalene
Concen: 0.160 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:142 Resp: 3434

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2

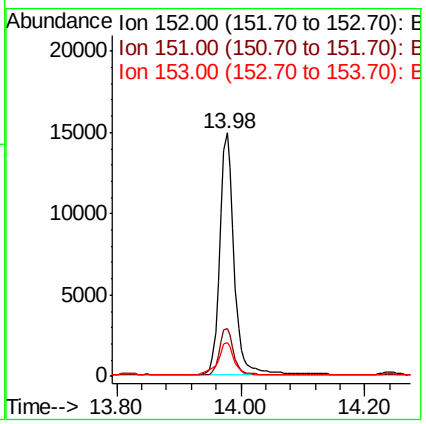




#7
Acenaphthylene
Concen: 0.701 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:152 Resp: 24007

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



Instrument :
BNA_N
ClientSampleId :
BEPJ3

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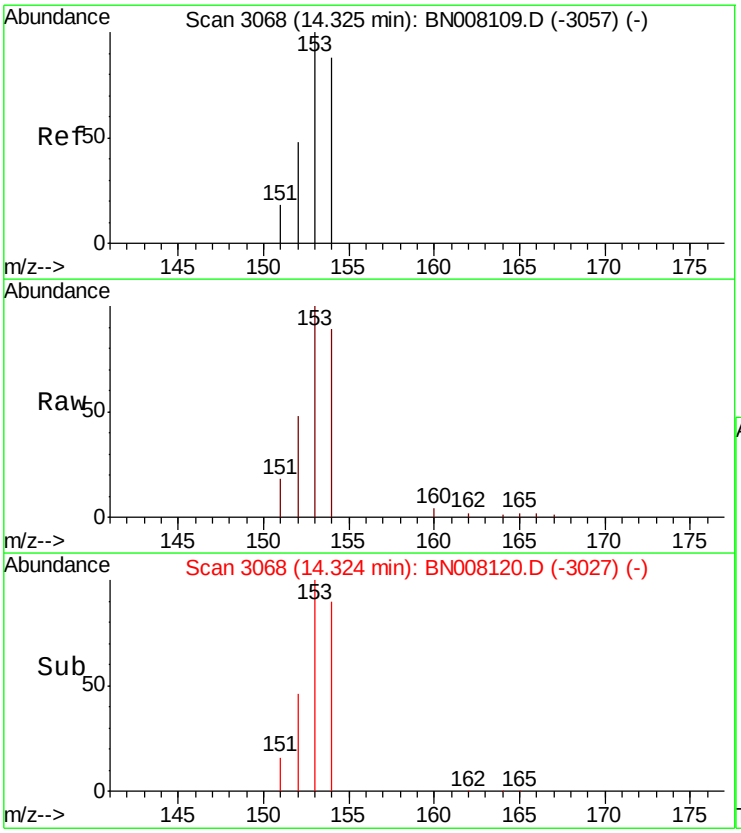
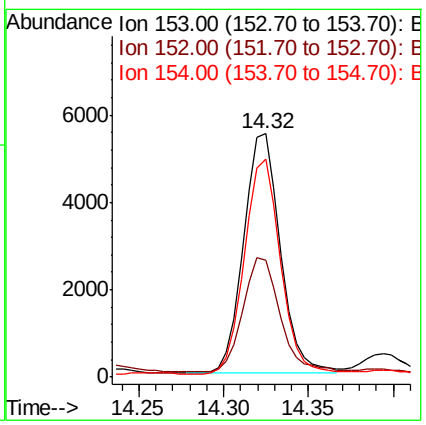
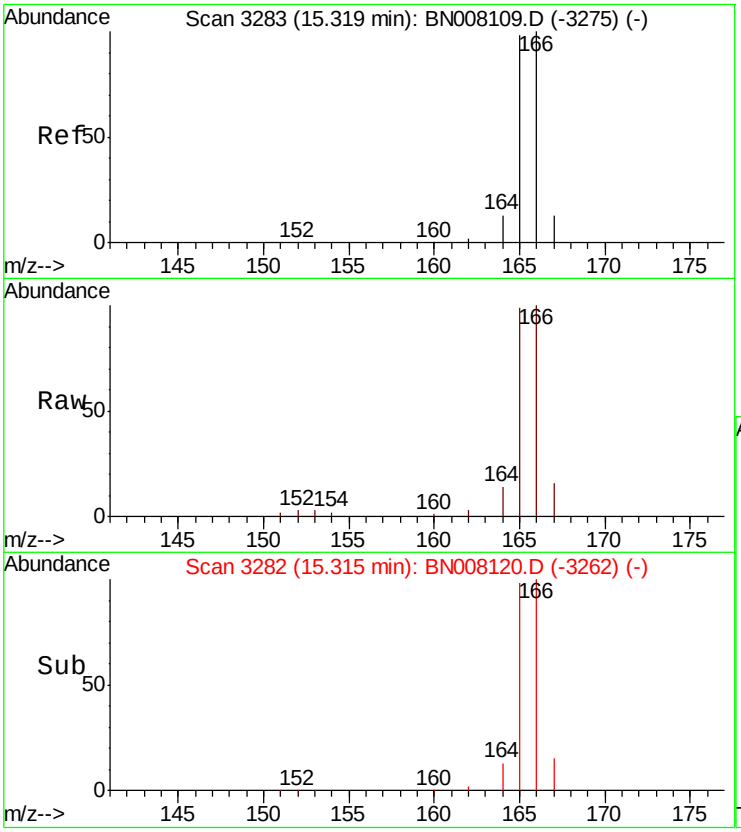


#8
Acenaphthene
Concen: 0.309 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:153 Resp: 8227

Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.2	57.2
154	89.5	71.8	107.8

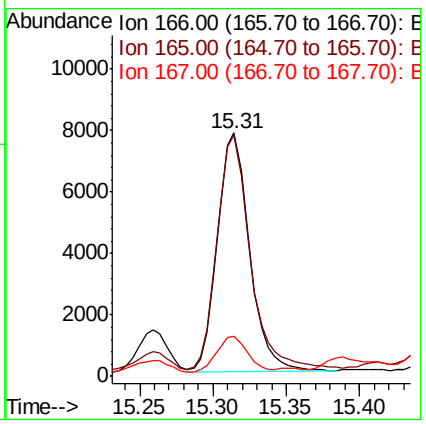




#9
Fluorene
Concen: 0.391 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:166 Resp: 11831

Ion	Ratio	Lower	Upper
166	100		
165	98.8	76.6	115.0
167	16.3	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
BEPJ3

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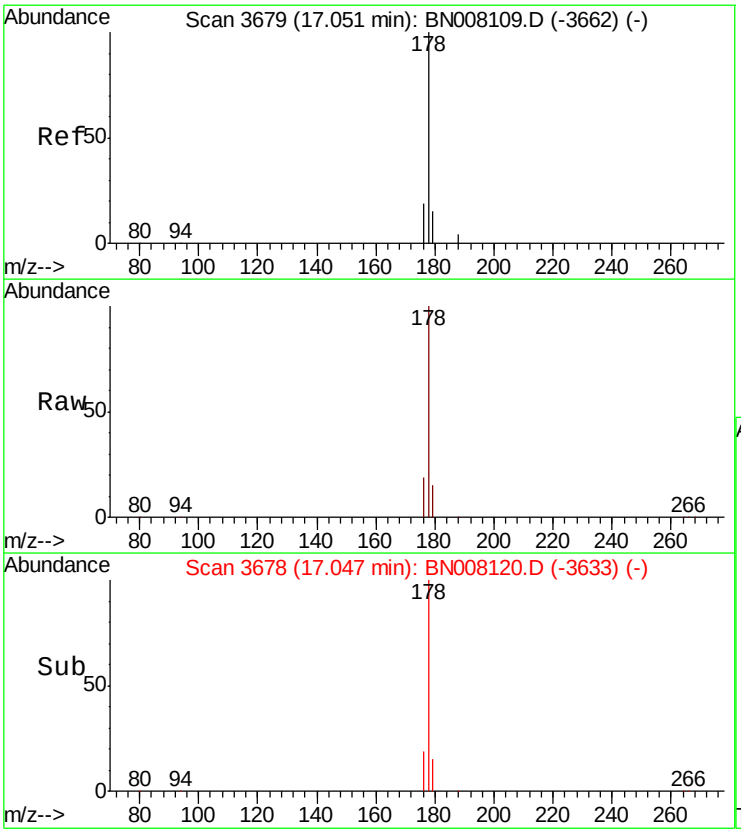
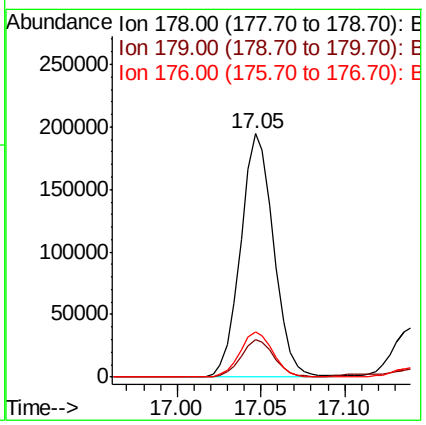
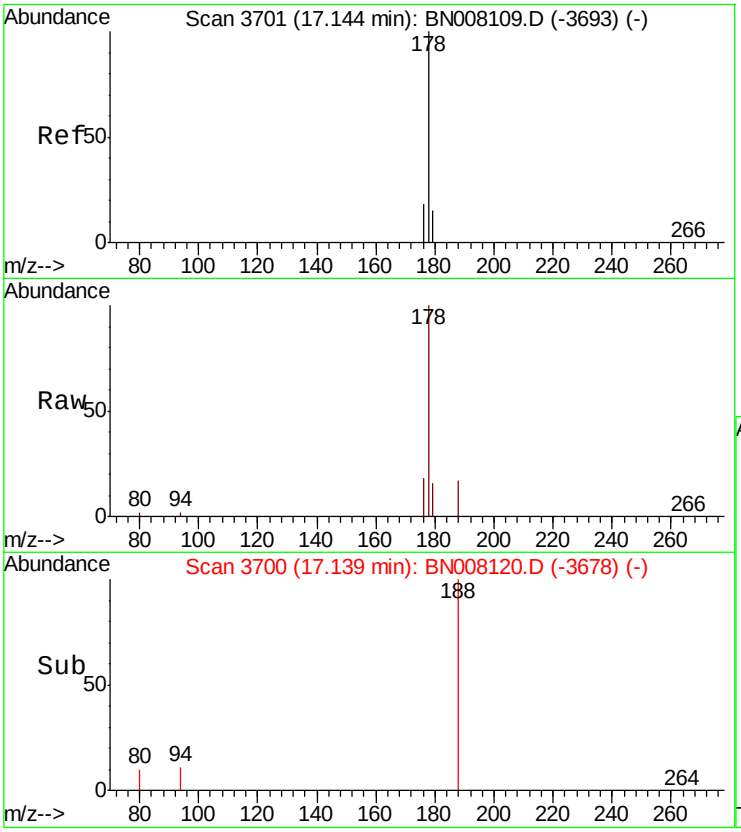


#12
Phenanthrene
Concen: 5.406 ng/ul m
RT: 17.05 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:178 Resp: 266925

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.6	15.4	23.2

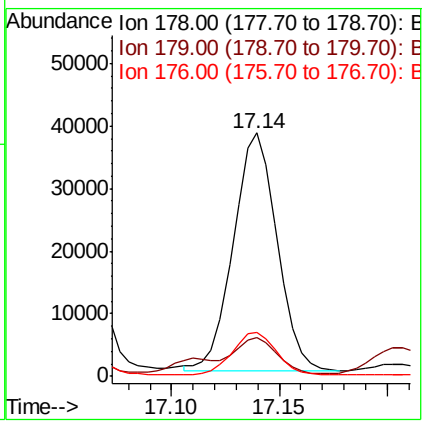




#13
Anthracene
Concen: 1.238 ng/ul m
RT: 17.14 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:178 Resp: 53779

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



Instrument :
BNA_N
ClientSampleId :
BEPJ3

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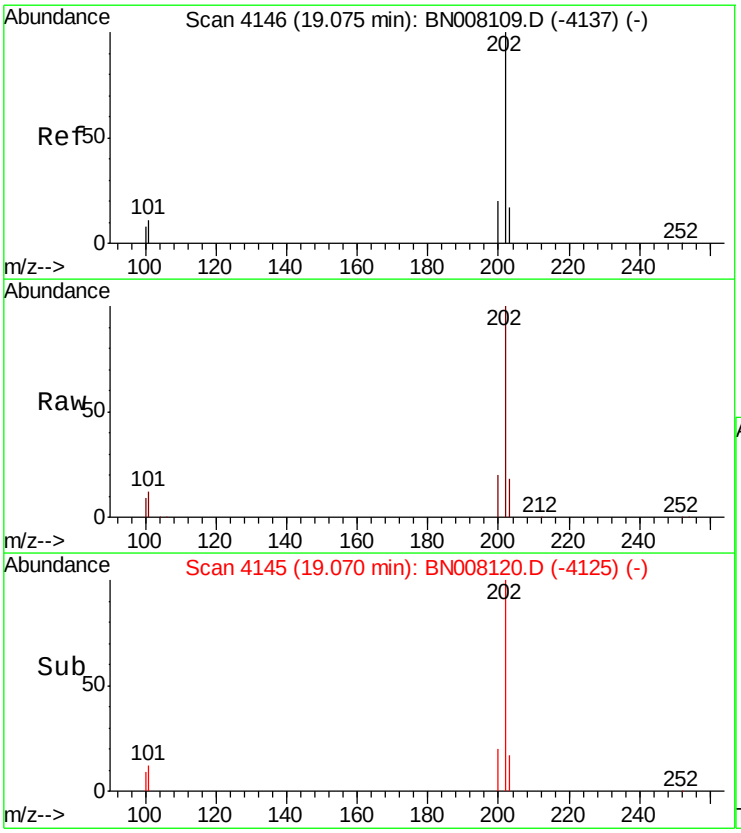
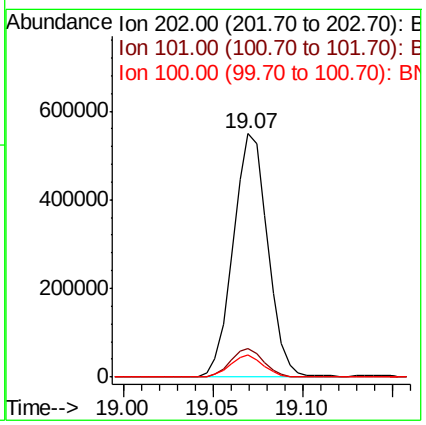
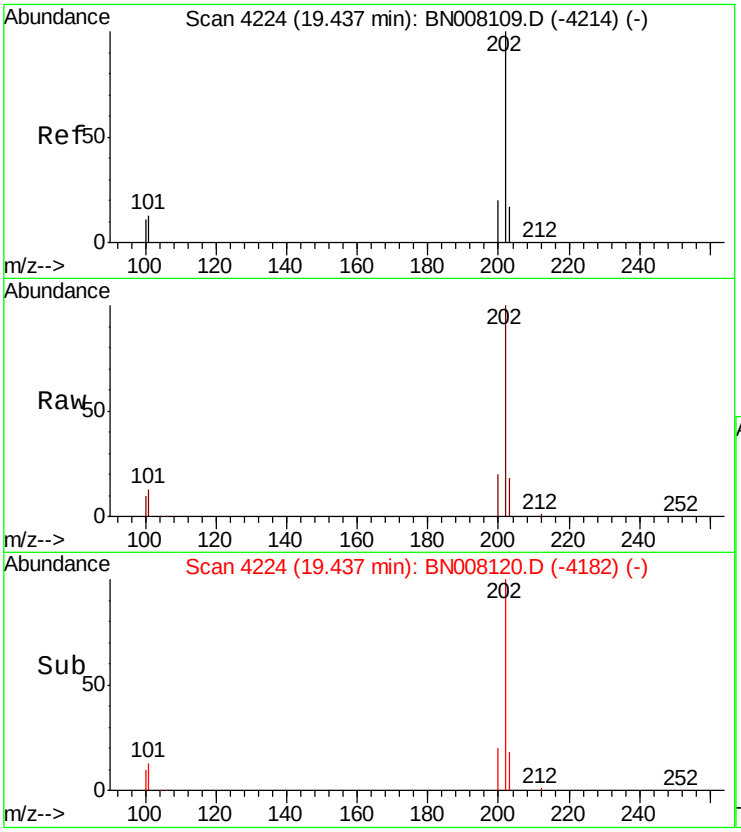


#15
Fluoranthene
Concen: 11.275 ng/ul m
RT: 19.07 min Scan# 4145
Delta R.T. -0.01 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:202 Resp: 735265

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.2
100	9.0	0.0	28.5

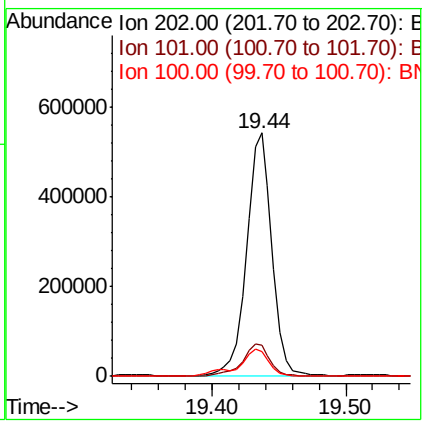




#17
Pyrene
Concen: 10.401 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:202 Resp: 711280

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.9	16.3
100	10.1	8.7	13.1



Instrument :
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ClientSampleId :
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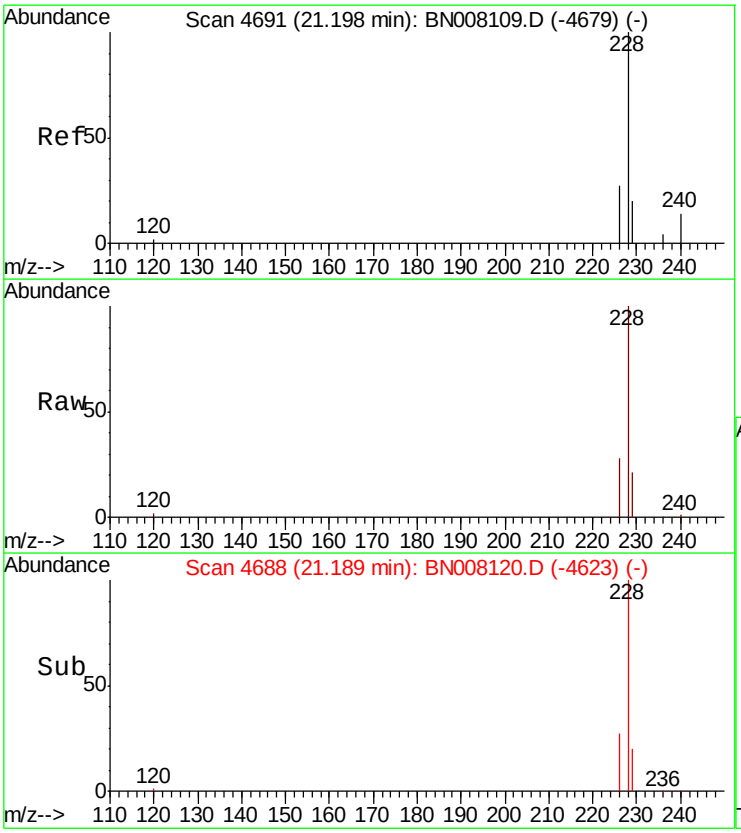
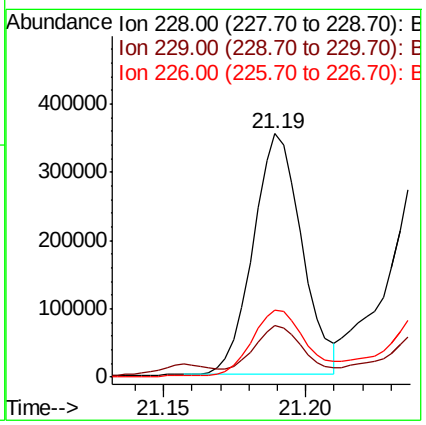
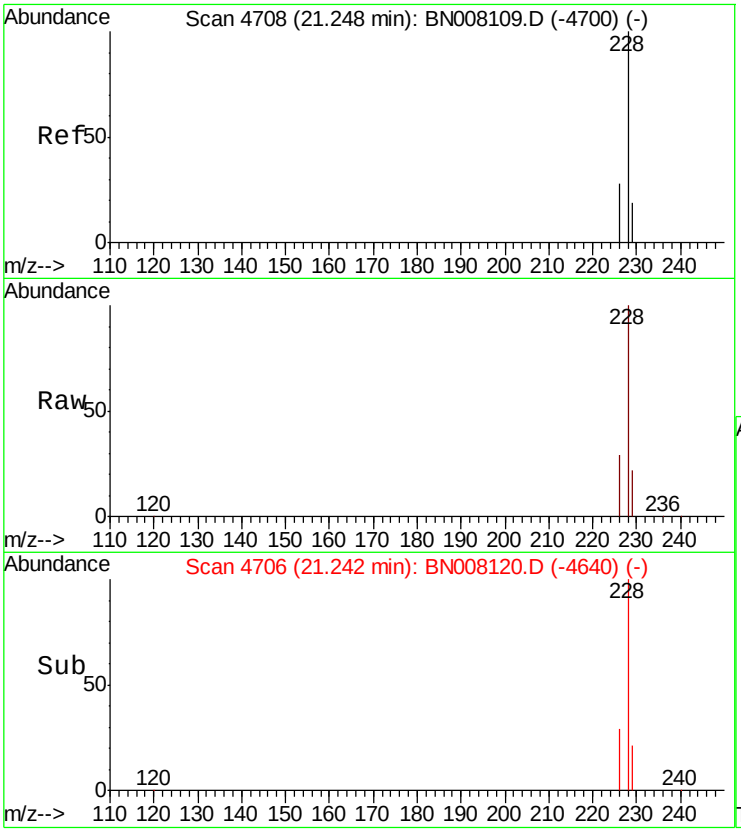


#18
Benzo(a)anthracene
Concen: 6.715 ng/ul m
RT: 21.19 min Scan# 4688
Delta R.T. -0.01 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:228 Resp: 419289

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.2
226	27.7	21.4	32.0

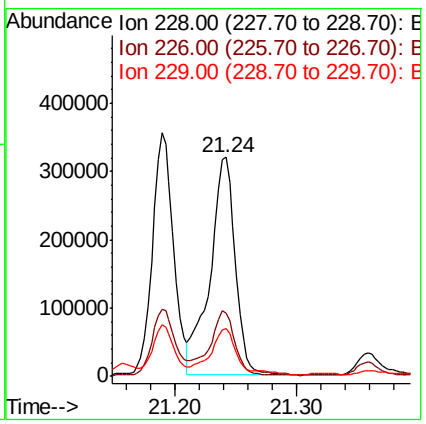




#19
Chrysene
Concen: 5.992 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.01 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:228 Resp: 459161

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.1	36.1
229	21.9	16.2	24.2



Instrument :
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ClientSampleId :
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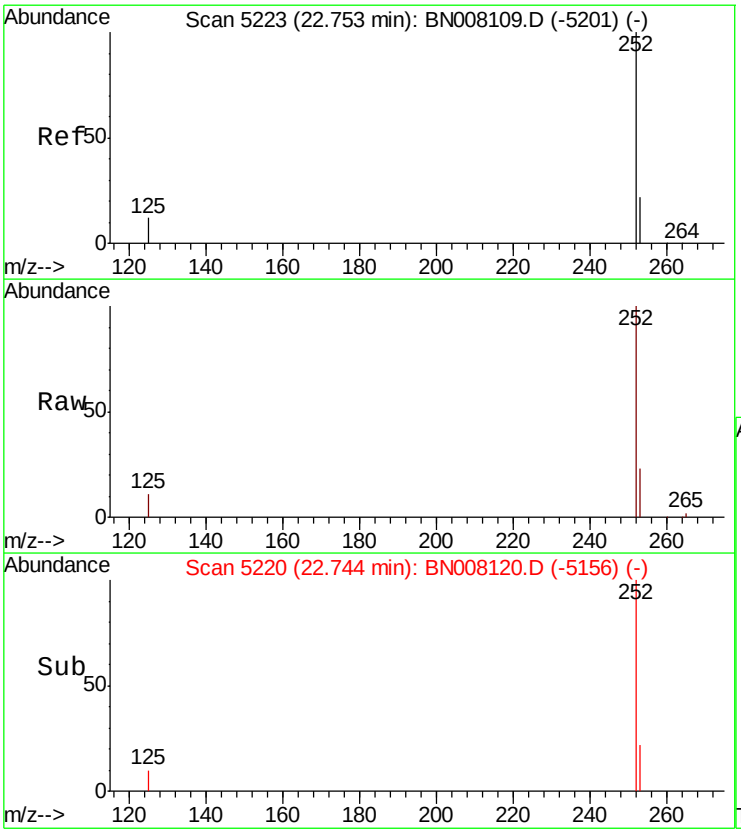
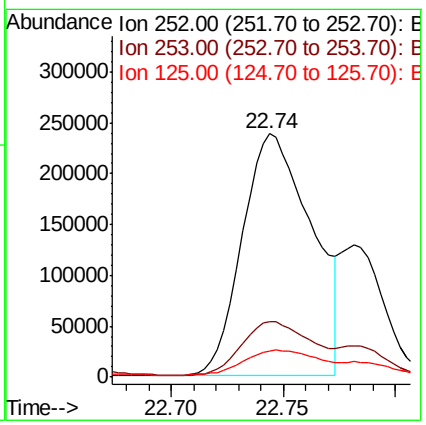
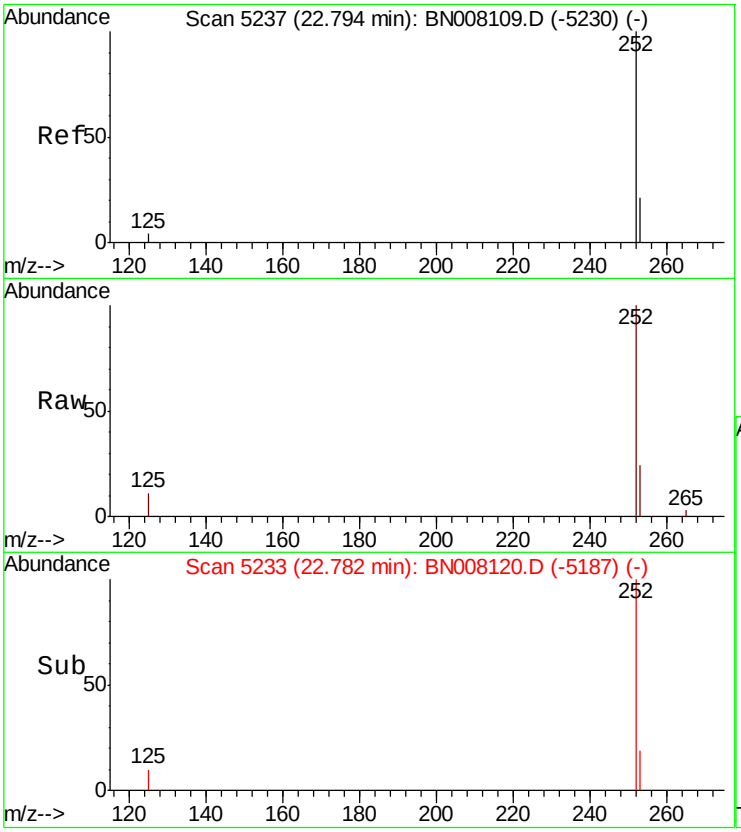


#21
Benzo(b)fluoranthene
Concen: 10.197 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:252 Resp: 513921

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	53.4
125	10.8	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 2.887 ng/ul m
RT: 22.78 min Scan# 5233
Delta R.T. -0.01 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:252 Resp: 164796

Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.3	31.9
125	11.5	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
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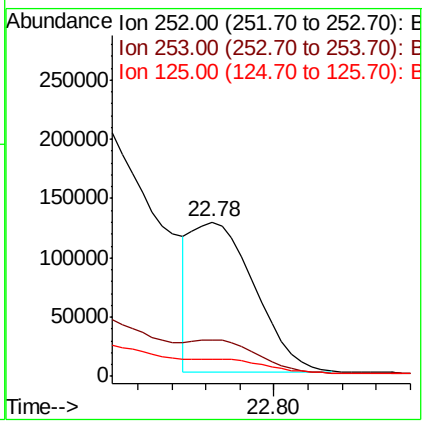
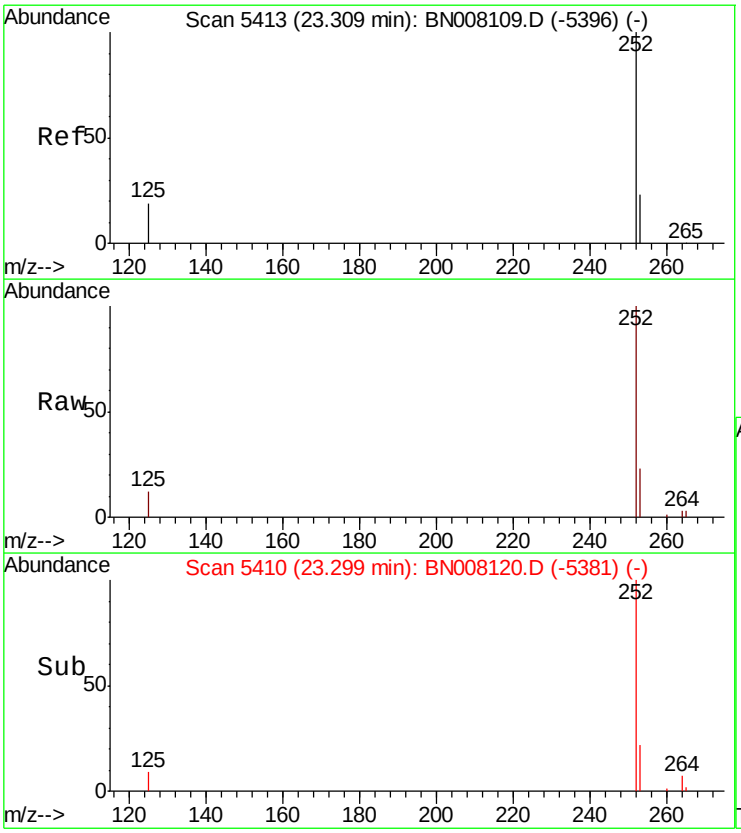
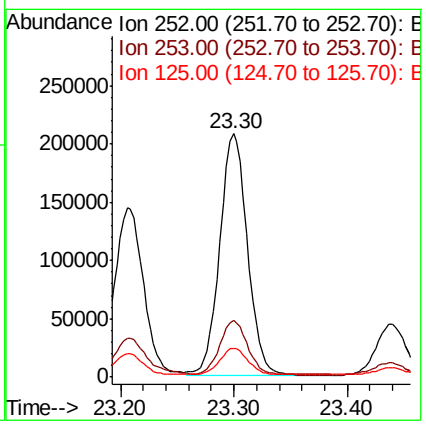


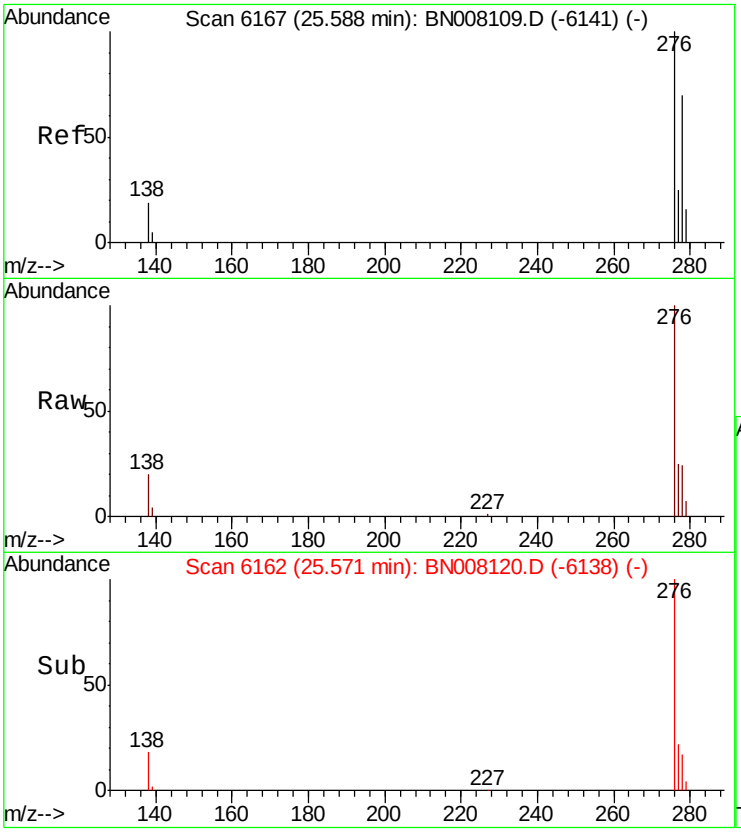


#23
Benzo(a)pyrene
Concen: 6.608 ng/ul
RT: 23.30 min Scan# 5410
Delta R.T. -0.01 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:252 Resp: 350444

Ion	Ratio	Lower	Upper
252	100		
253	23.3	22.8	34.2
125	11.8	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 3.044 ng/ul
RT: 25.57 min Scan# 6162
Delta R.T. -0.02 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:276 Resp: 190128

Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.1	24.1
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
BEPJ3

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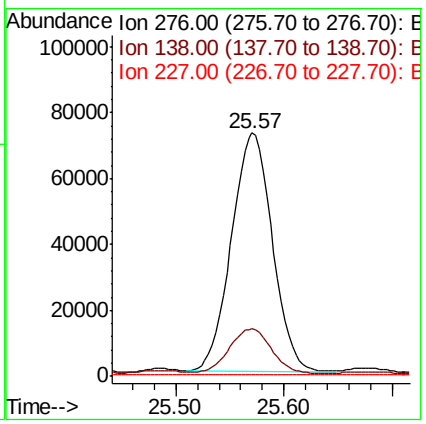
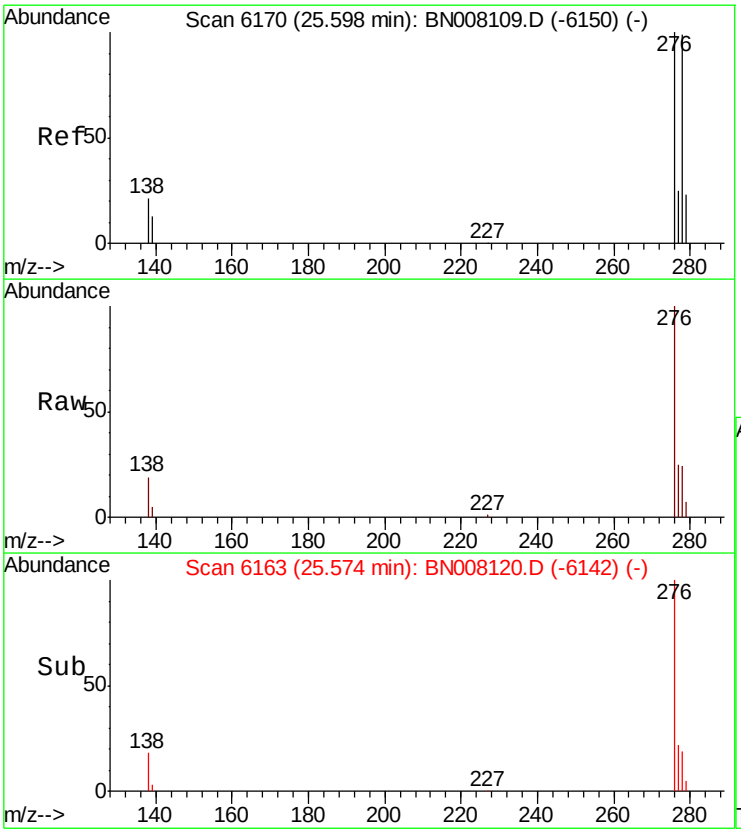
mohammad
10/15/2019 7:59:12 AM

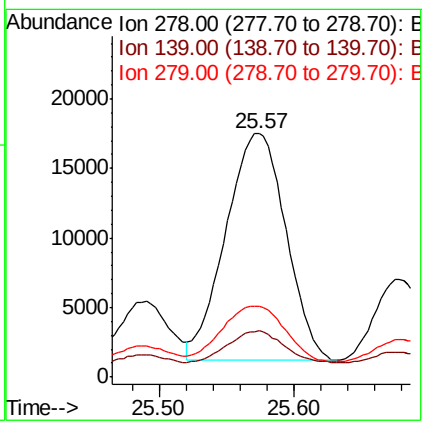


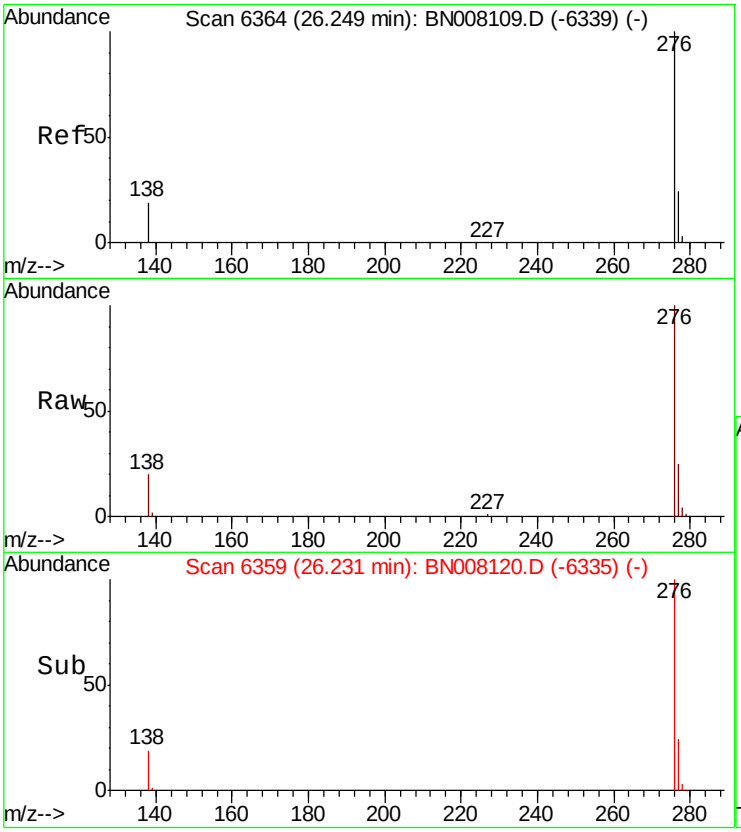


#25
Dibenzo(a,h)anthracene
Concen: 1.022 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.03 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:278 Resp: 50462

Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.0	22.6
279	29.1	22.4	33.6

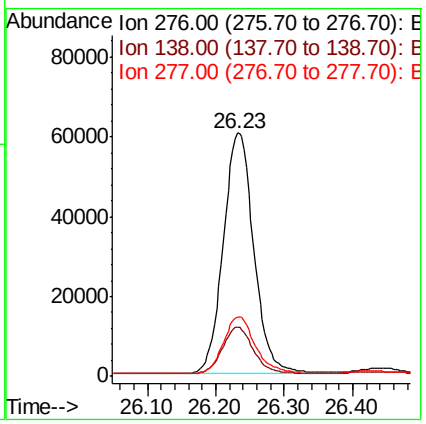




#26
Benzo(g,h,i)perylene
Concen: 3.251 ng/ul
RT: 26.23 min Scan# 6359
Delta R.T. -0.02 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:276 Resp: 186238

Ion	Ratio	Lower	Upper
276	100		
138	19.9	17.0	25.4
277	24.6	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPJ3

Manual Integrations APPROVED
mohammad
10/15/2019 7:59:12 AM