Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008111.D
Acq On : 12 Oct 2019 14:10
Operator : JU
Sample : K5178-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD1

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:39 AM

Quant Time: Oct 14 15:48:43 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	2968	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	14351	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	9211	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	21416m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	20736m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	18673	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	4621	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	15766m	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	849	0.021	ng/ul#	74
5) 2-Methylnaphthalene	12.07	142	587	0.021	ng/ul	99
7) Acenaphthylene	13.98	152	3743	0.085	ng/ul#	93
8) Acenaphthene	14.32	153	2032	0.060	ng/ul	97
9) Fluorene	15.31	166	2771	0.072	ng/ul#	97
12) Phenanthrene	17.05	178	119153m	1.900	ng/ul	
13) Anthracene	17.14	178	13559m	0.246	ng/ul	
15) Fluoranthene	19.07	202	442565m	5.344	ng/ul	
17) Pyrene	19.44	202	350596	4.246	ng/ul	100
18) Benzo(a)anthracene	21.20	228	164407	2.181	ng/ul	99
19) Chrysene	21.24	228	205012	2.216	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	255446m	4.202	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	93369m	1.356	ng/ul	
23) Benzo(a)pyrene	23.31	252	147521	2.306	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.58	276	106010	1.407	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.58	278	20791	0.349	ng/ul#	91
26) Benzo(g,h,i)perylene	26.24	276	103145	1.493	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008111.D
Acq On : 12 Oct 2019 14:10
Operator : JU
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Oct 14 15:48:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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Instrument :
BNA_N
ClientSampleId :
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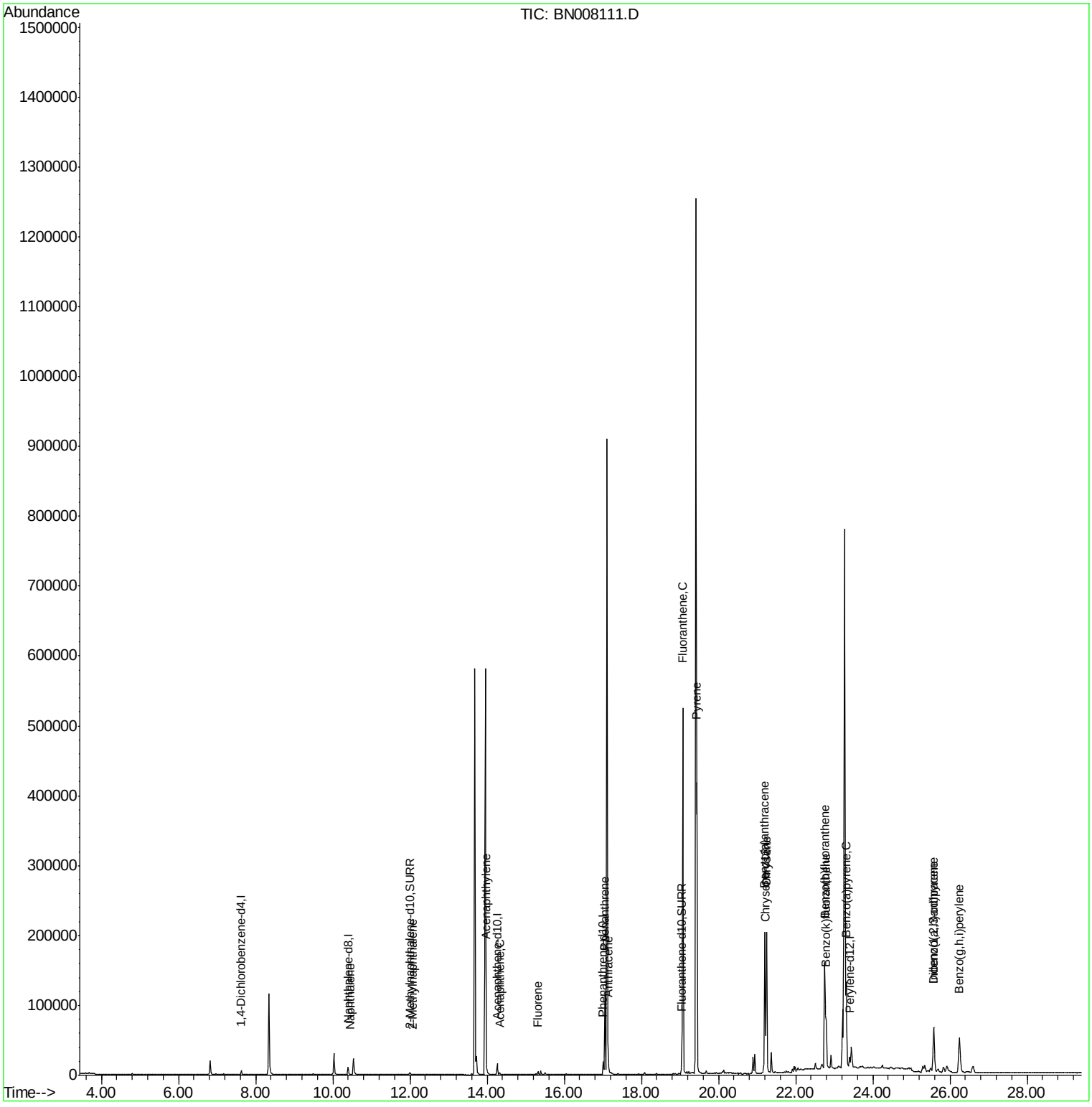

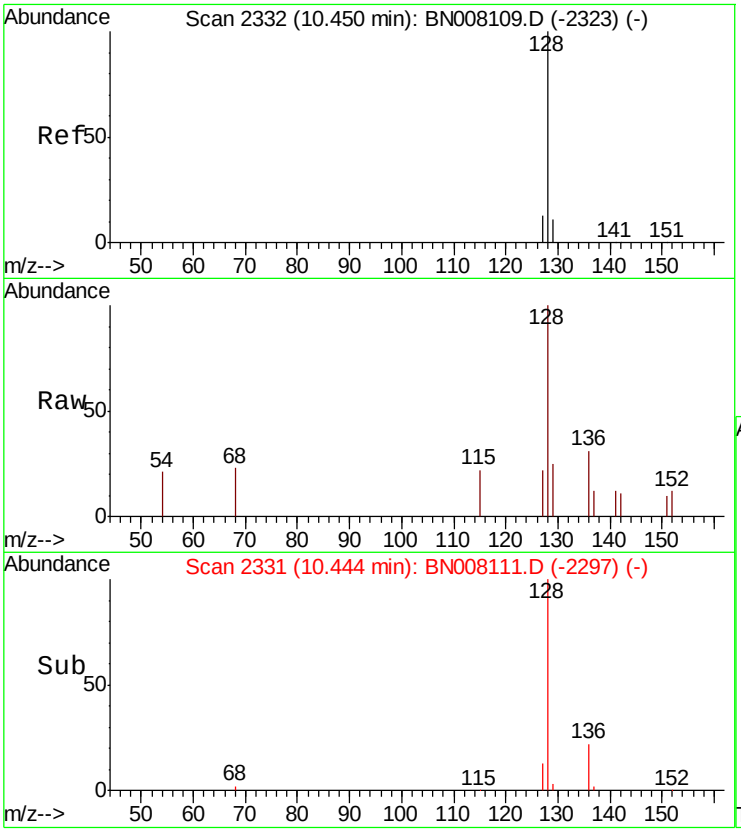

#3
Naphthalene
Concen: 0.021 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:128 Resp: 849

Ion	Ratio	Lower	Upper
128	100		
129	25.4	9.8	14.8#
127	21.8	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEPD1

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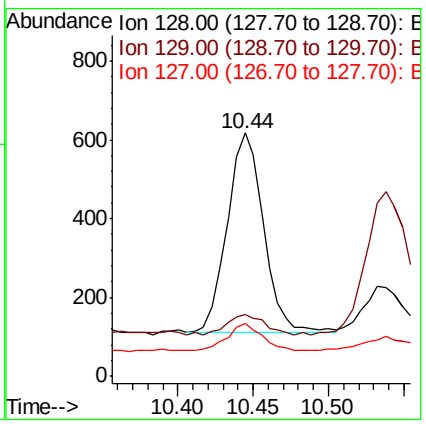
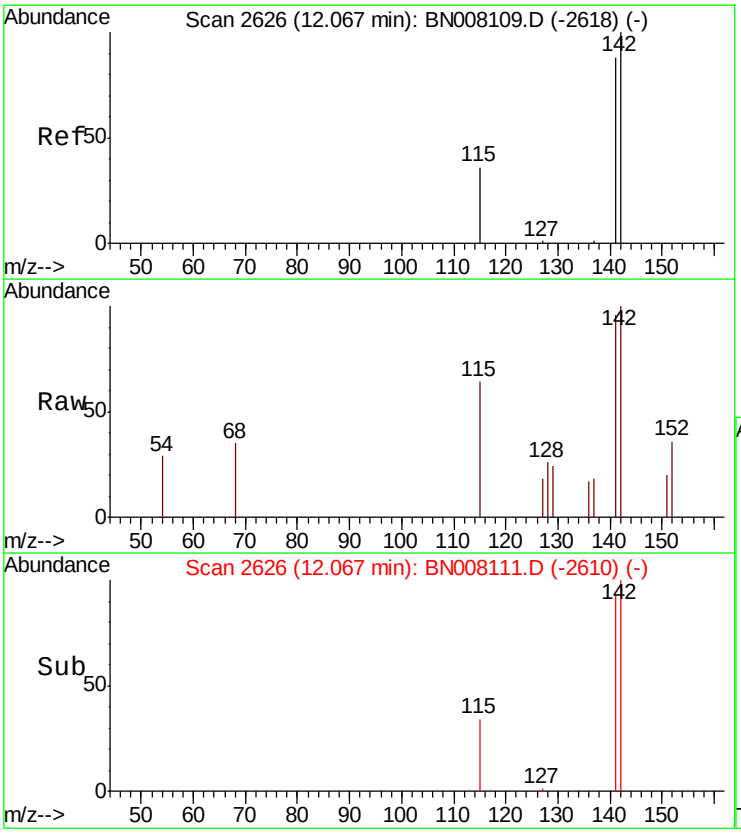
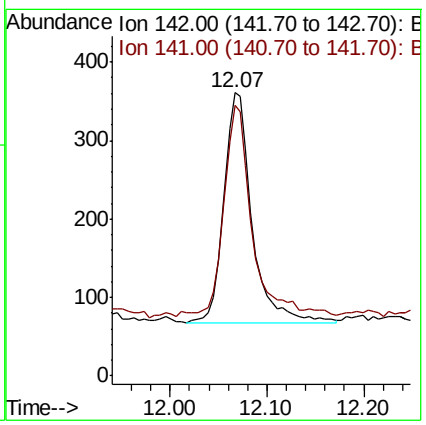


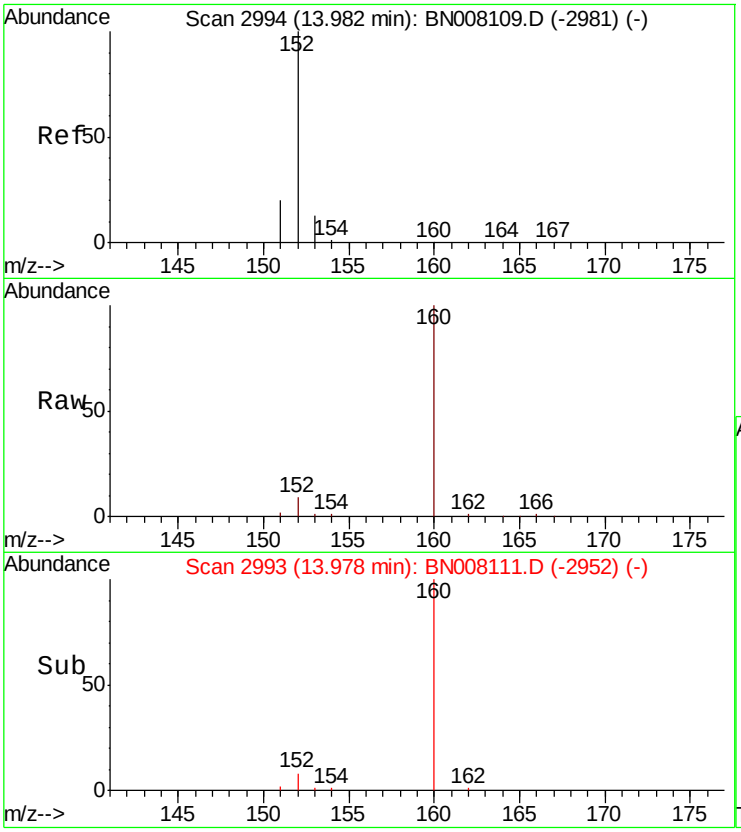


#5
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:142 Resp: 587

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2





#7
Acenaphthylene
Concen: 0.085 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:152 Resp: 3743

Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.2	24.4
153	17.3	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
BEPD1

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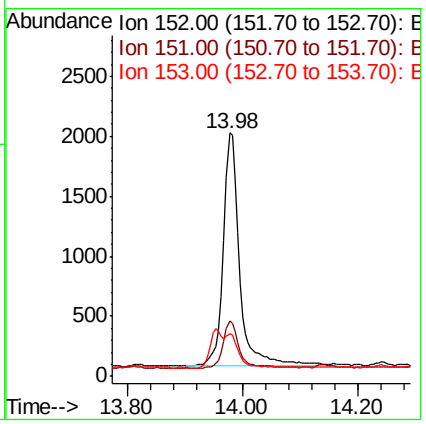
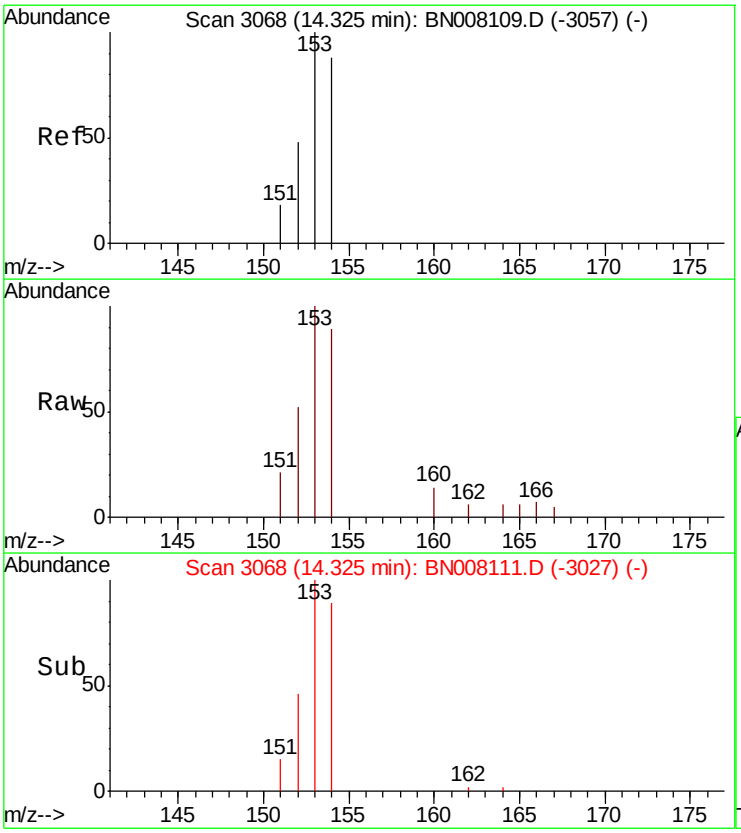
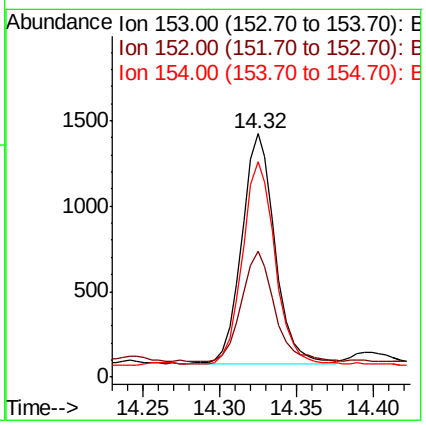


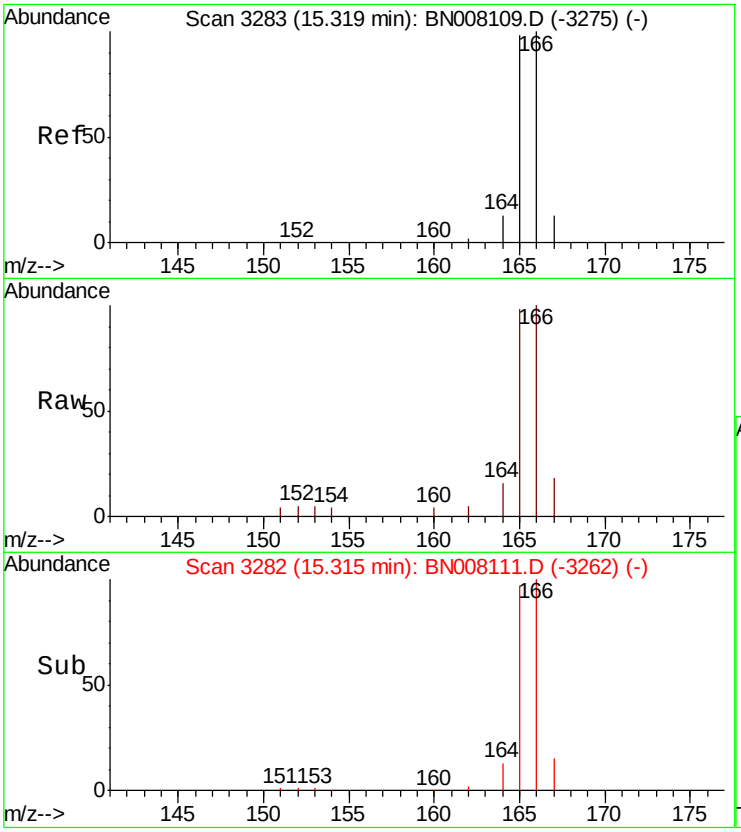


#8
Acenaphthene
Concen: 0.060 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:153 Resp: 2032

Ion	Ratio	Lower	Upper
153	100		
152	51.6	38.2	57.2
154	88.8	71.8	107.8





#9
Fluorene
Concen: 0.072 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:166 Resp: 2771

Ion	Ratio	Lower	Upper
166	100		
165	98.0	76.6	115.0
167	18.3	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
BEPD1

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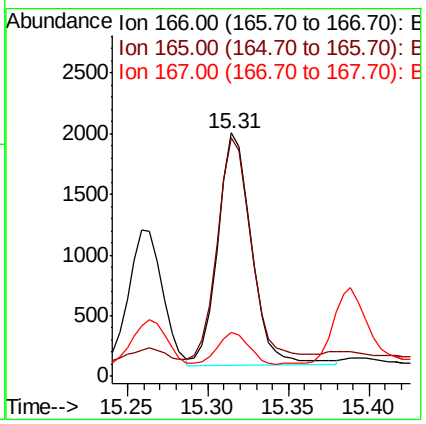
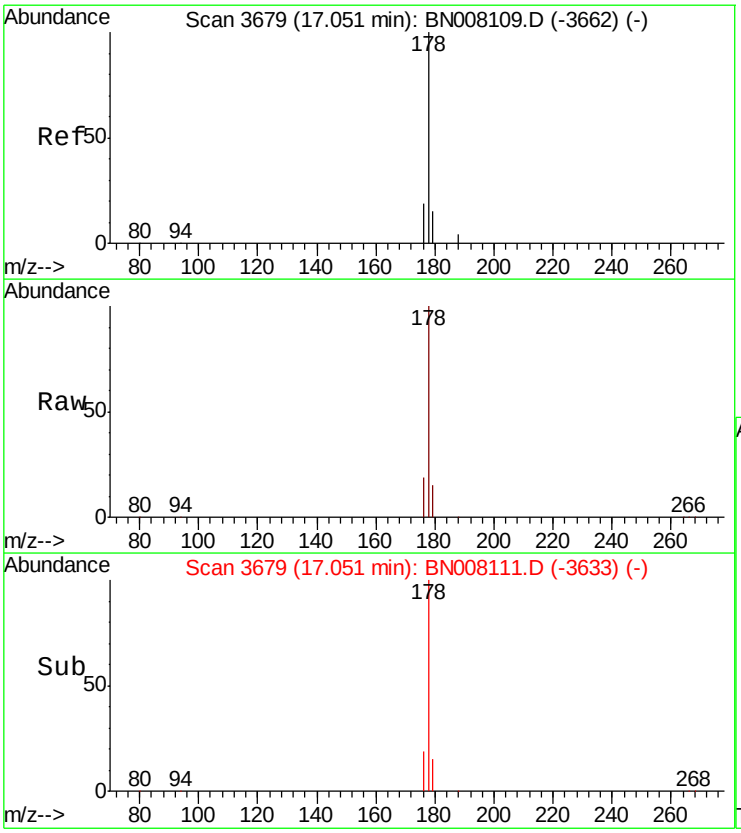
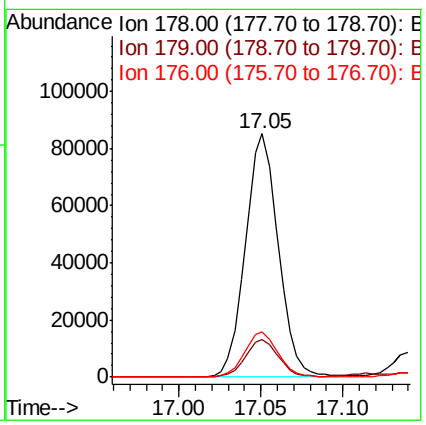


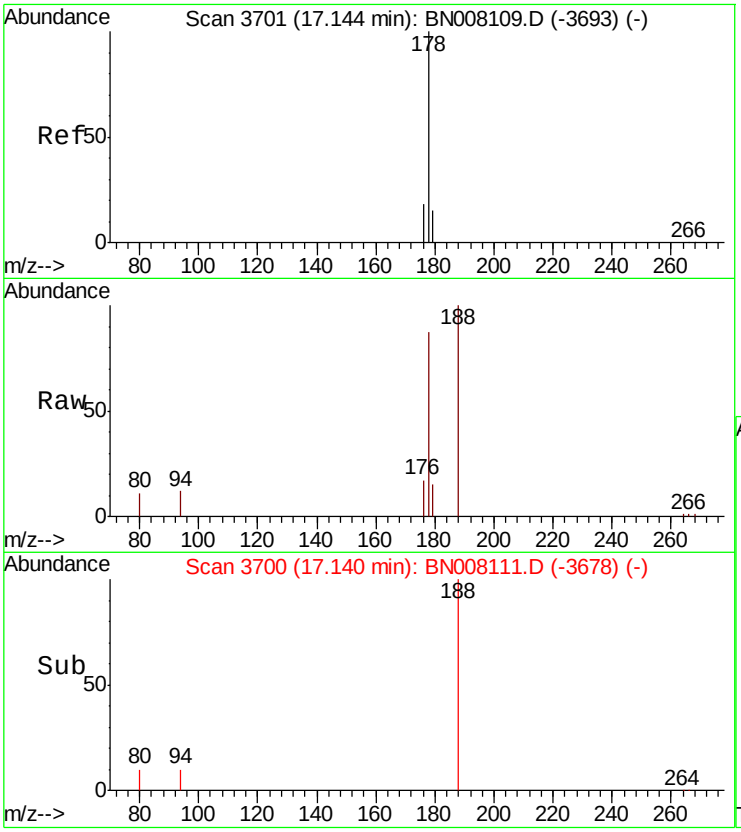


#12
Phenanthrene
Concen: 1.900 ng/ul m
RT: 17.05 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:178 Resp: 119153

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.7	15.4	23.2

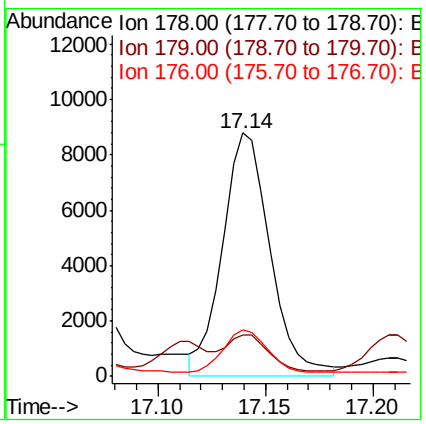




#13
Anthracene
Concen: 0.246 ng/ul m
RT: 17.14 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:178 Resp: 13559

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.0	19.6
176	19.0	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPD1

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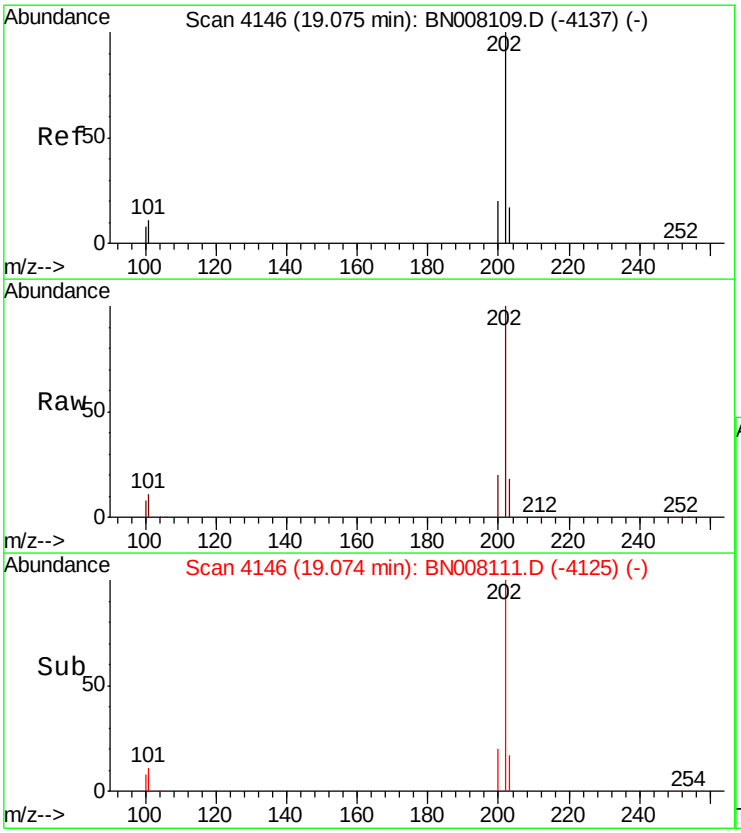
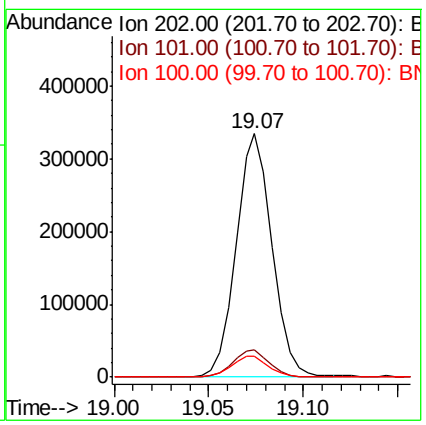
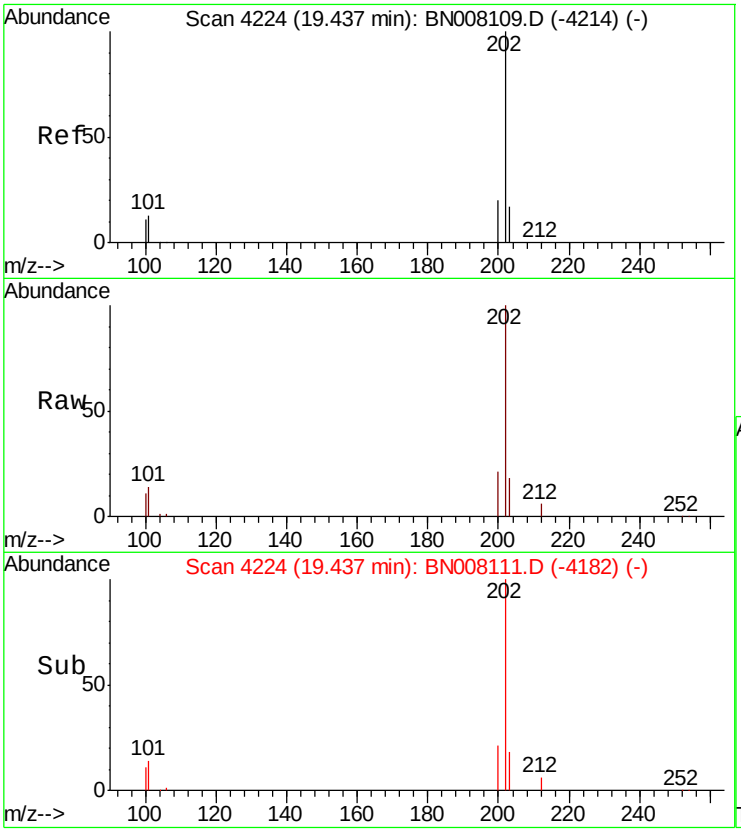


#15
Fluoranthene
Concen: 5.344 ng/ul m
RT: 19.07 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:202 Resp: 442565

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.2
100	8.4	0.0	28.5





#17
Pyrene
Concen: 4.246 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:202 Resp: 350596

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
100	11.2	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEPD1

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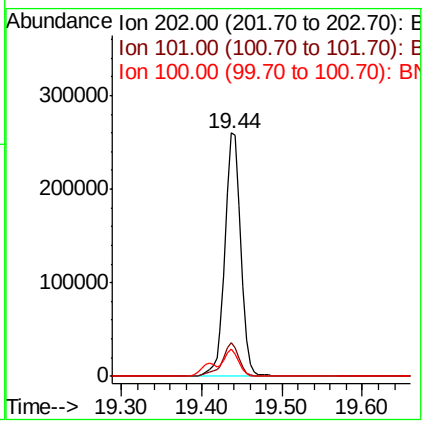
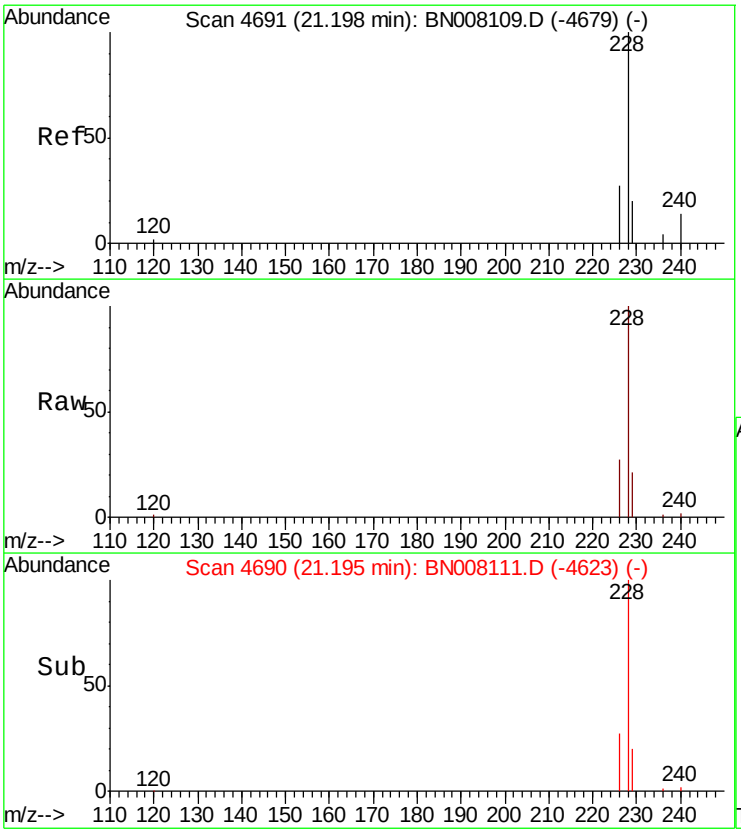
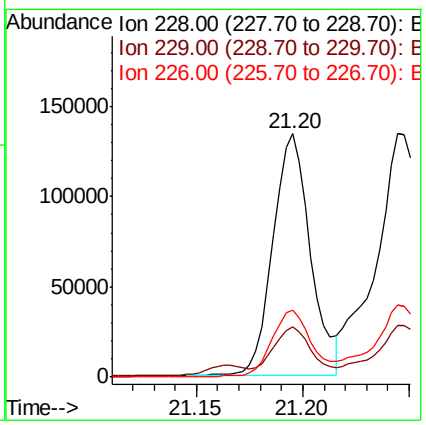


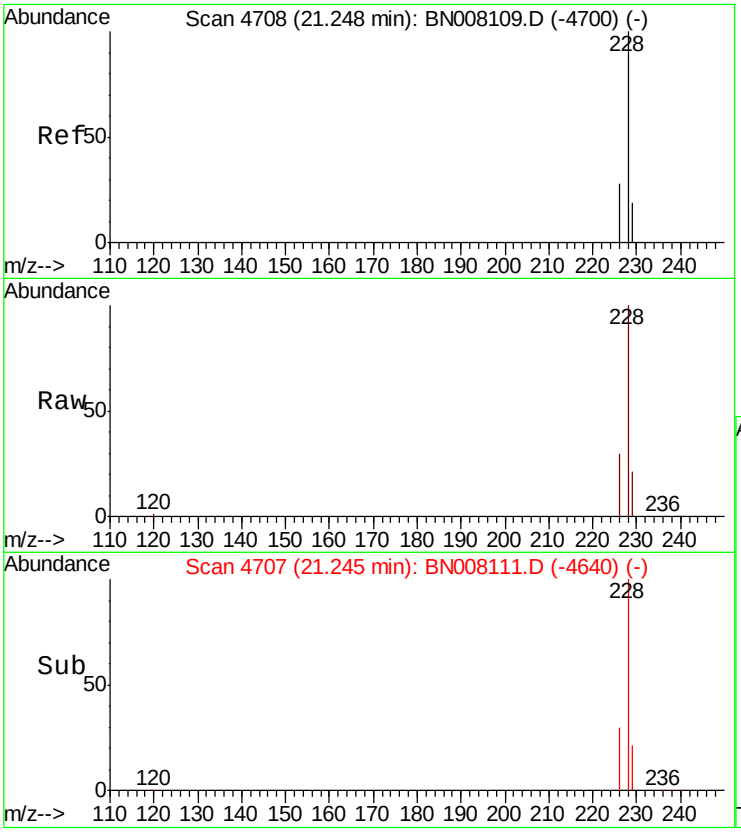


#18
Benzo(a)anthracene
Concen: 2.181 ng/ul
RT: 21.20 min Scan# 4690
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:228 Resp: 164407

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.2
226	27.4	21.4	32.0

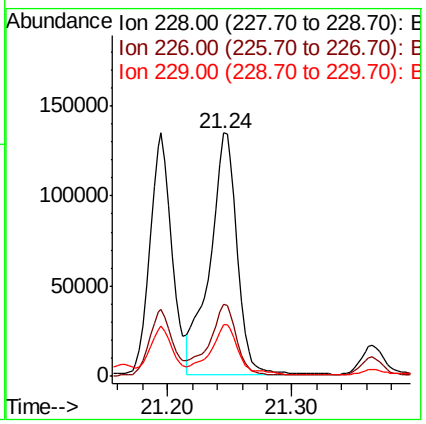




#19
Chrysene
Concen: 2.216 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:228 Resp: 205012

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	21.4	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
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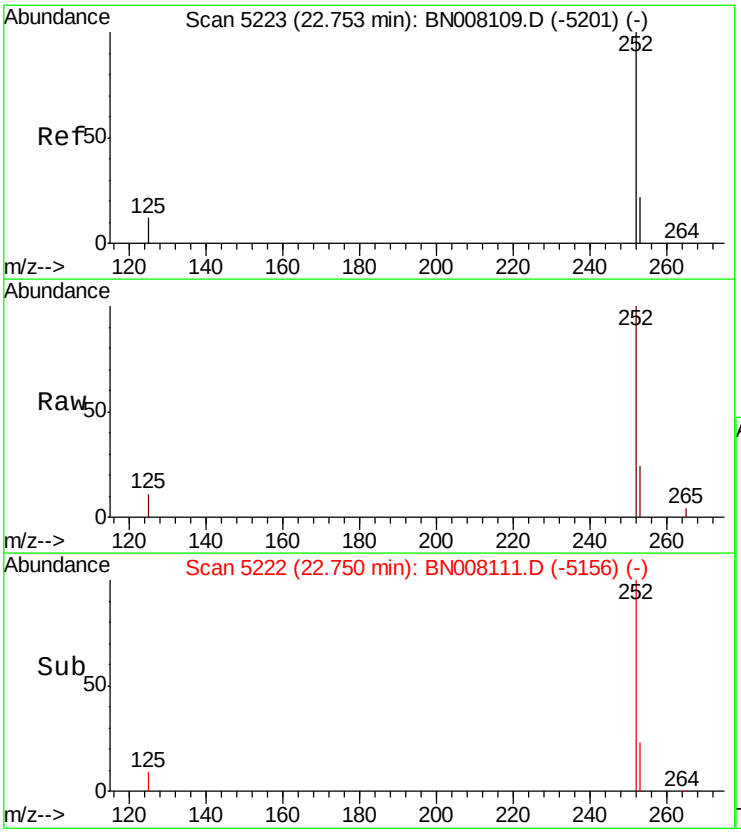
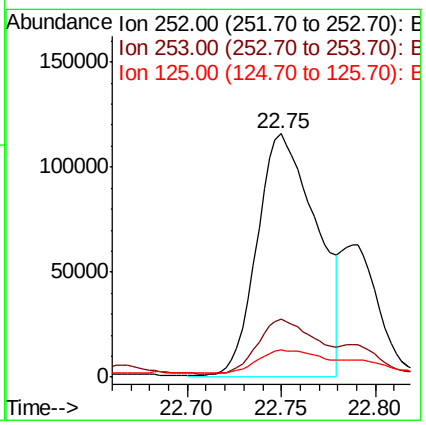
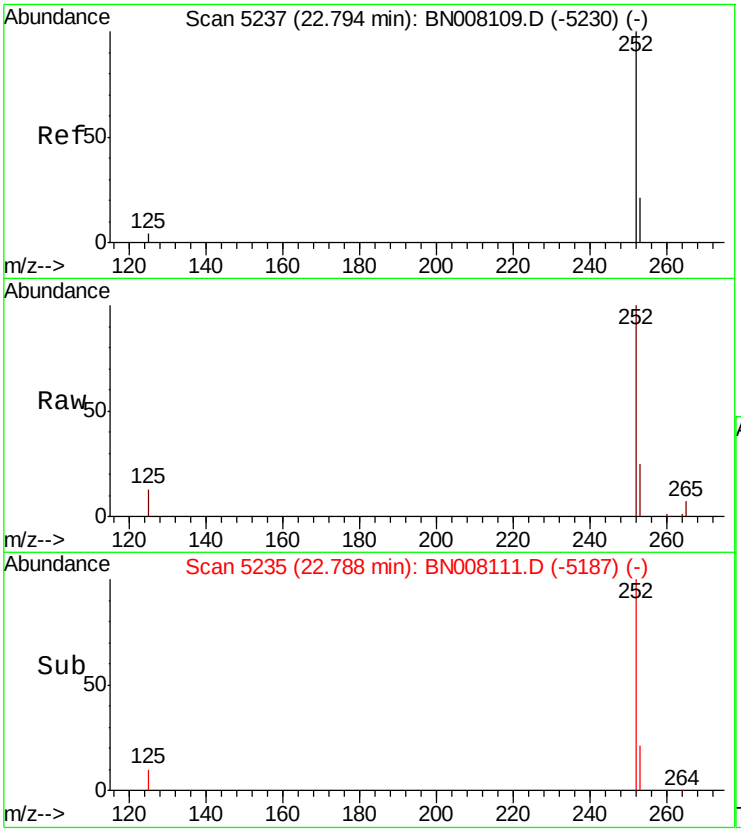


#21
Benzo(b)fluoranthene
Concen: 4.202 ng/ul m
RT: 22.75 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:252 Resp: 255446

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	53.4
125	11.0	0.0	32.4

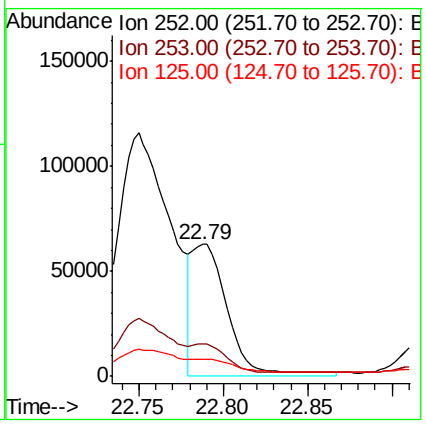




#22
Benzo(k)fluoranthene
Concen: 1.356 ng/ul m
RT: 22.79 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:252 Resp: 93369

Ion	Ratio	Lower	Upper
252	100		
253	24.5	21.3	31.9
125	12.8	12.3	18.5



Instrument :
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ClientSampleId :
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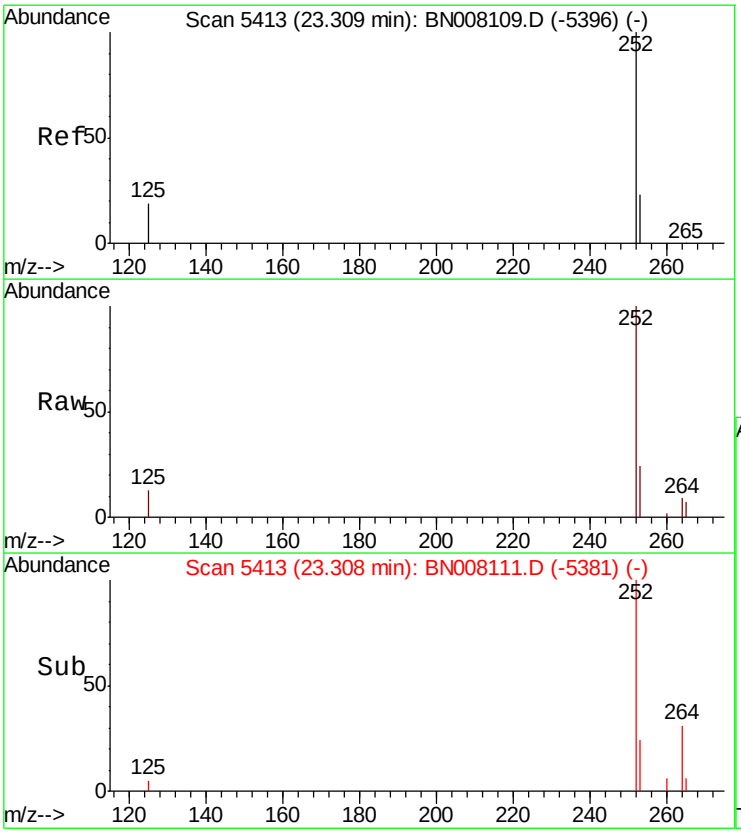
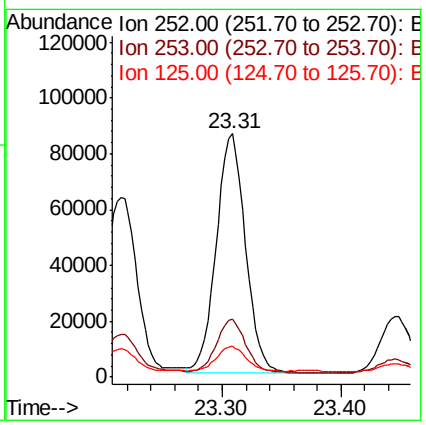
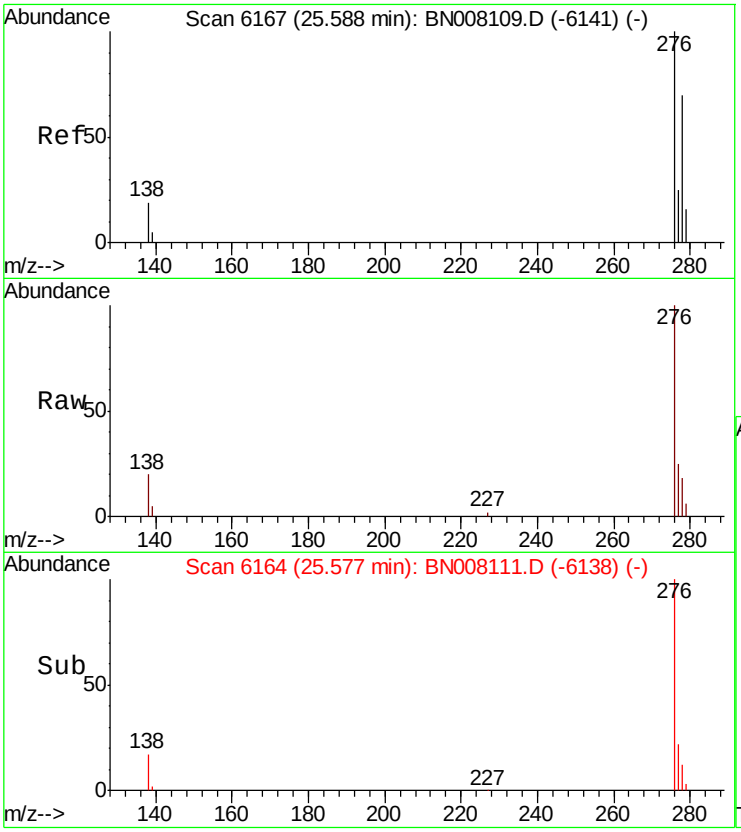


#23
Benzo(a)pyrene
Concen: 2.306 ng/ul
RT: 23.31 min Scan# 5413
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:252 Resp: 147521

Ion	Ratio	Lower	Upper
252	100		
253	23.6	22.8	34.2
125	12.7	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.407 ng/ul
RT: 25.58 min Scan# 6164
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:276 Resp: 106010

Ion	Ratio	Lower	Upper
276	100		
138	17.3	16.1	24.1
227	0.1	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
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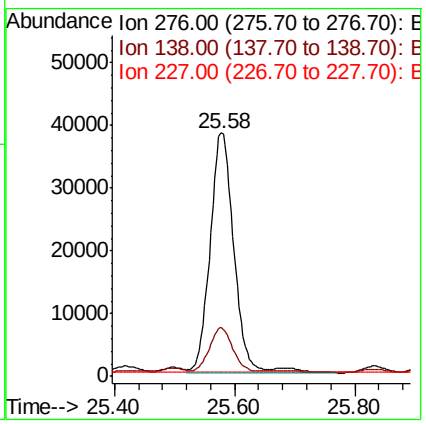
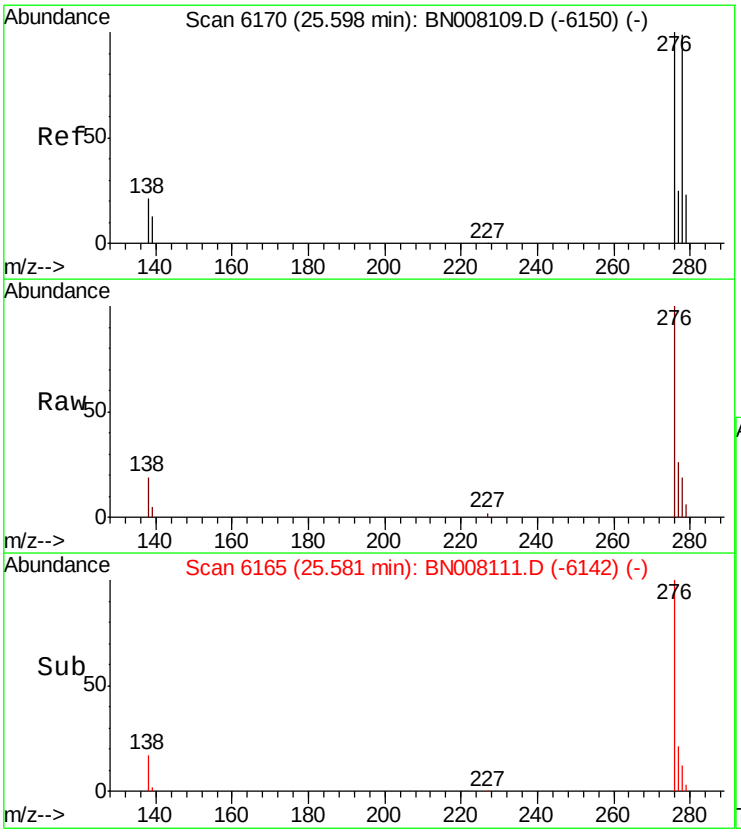
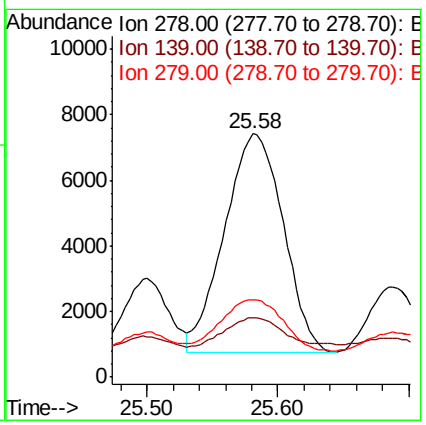


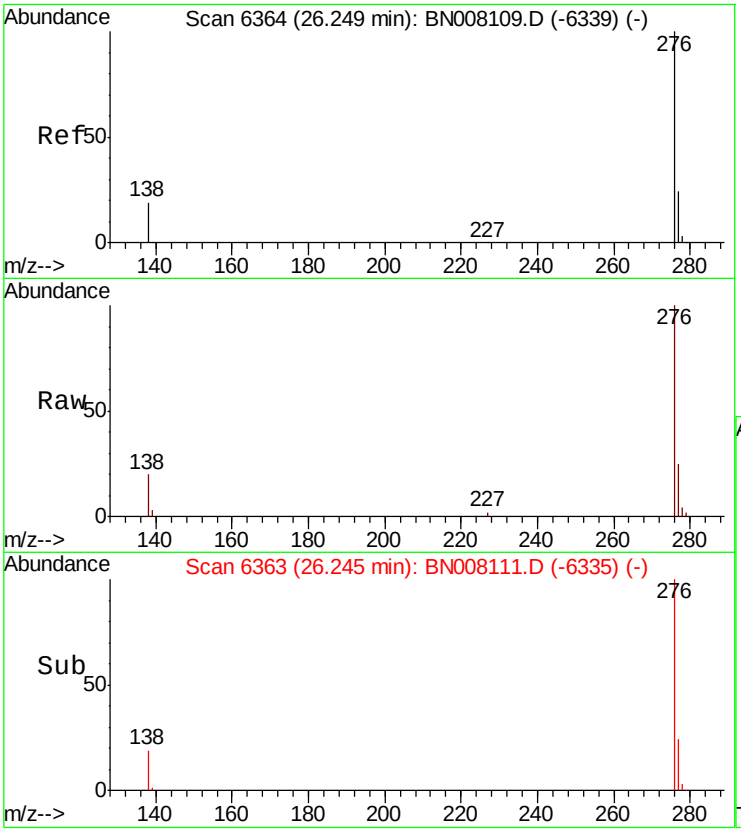


#25
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.02 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:278 Resp: 20791

Ion	Ratio	Lower	Upper
278	100		
139	24.2	15.0	22.6#
279	31.9	22.4	33.6

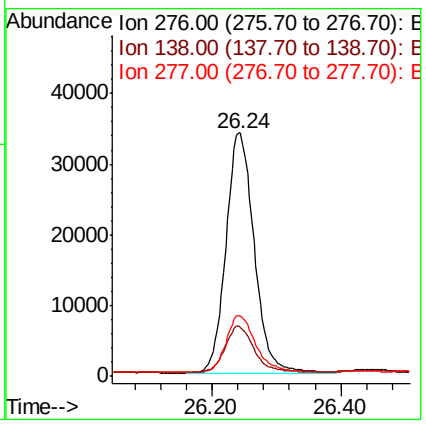




#26
Benzo(g,h,i)perylene
Concen: 1.493 ng/ul
RT: 26.24 min Scan# 6363
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:276 Resp: 103145

Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.0	25.4
277	24.9	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPD1

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:39 AM