Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006205.D
Acq On : 09 Jun 2019 00:15
Operator : JU/SJ
Sample : K3017-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51E2

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:27 PM

Quant Time: Jun 09 06:06:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5436	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	20265	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10947	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	22154m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	20652m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	17207m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6154	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	13044m	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	7465	0.133	ng/ul	96
5) 2-Methylnaphthalene	12.09	142	4020	0.103	ng/ul	100
7) Acenaphthylene	14.01	152	26256	0.431	ng/ul	99
8) Acenaphthene	14.36	153	2936	0.070	ng/ul#	87
9) Fluorene	15.35	166	6652	0.135	ng/ul#	96
12) Phenanthrene	17.09	178	164299m	2.310	ng/ul	
13) Anthracene	17.18	178	26255m	0.387	ng/ul	
15) Fluoranthene	19.12	202	325481m	4.145	ng/ul	
17) Pyrene	19.49	202	285301	2.623	ng/ul	100
18) Benzo(a)anthracene	21.24	228	95839m	1.049	ng/ul	
19) Chrysene	21.30	228	150522	1.755	ng/ul	97
21) Benzo(b)fluoranthene	22.83	252	173414m	2.417	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	73179m	1.047	ng/ul	
23) Benzo(a)pyrene	23.40	252	122309	1.830	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.73	276	104345	1.443	ng/ul#	43
25) Dibenzo(a,h)anthracene	25.74	278	22649	0.392	ng/ul#	7
26) Benzo(g,h,i)perylene	26.42	276	102483	1.692	ng/ul	98

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

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Manual Integrations APPROVED
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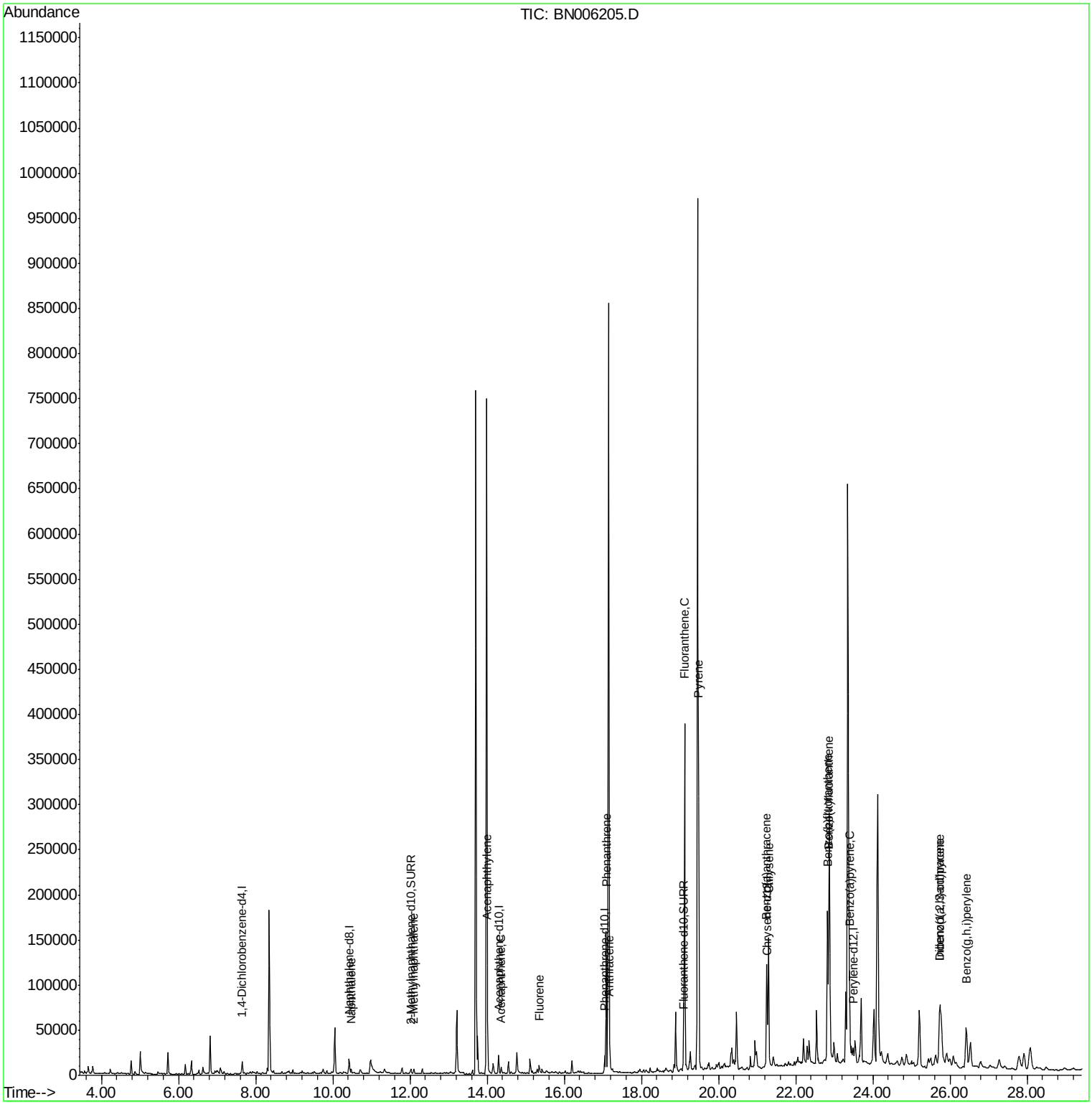

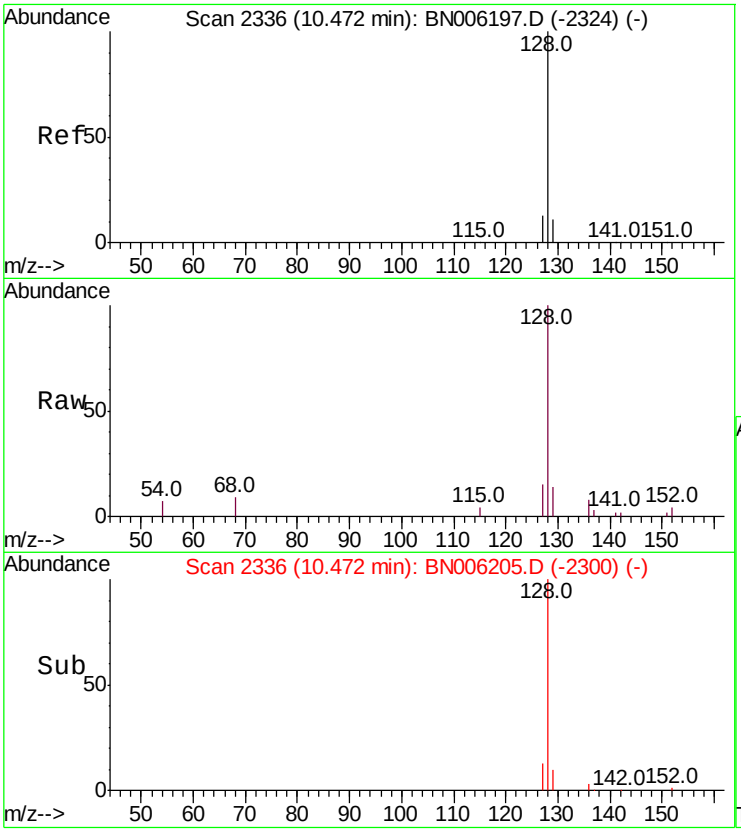

#3
Naphthalene
Concen: 0.133 ng/ul
RT: 10.47 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:128 Resp: 7465

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.3	13.9
127	14.8	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
A51E2

Manual Integrations APPROVED
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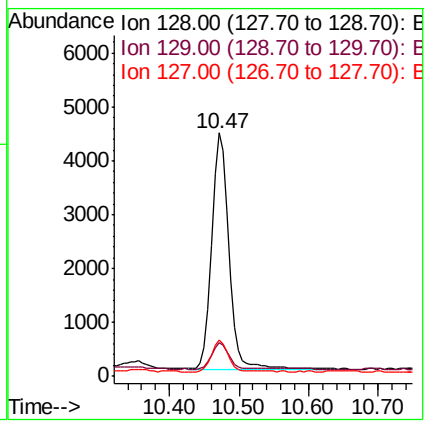
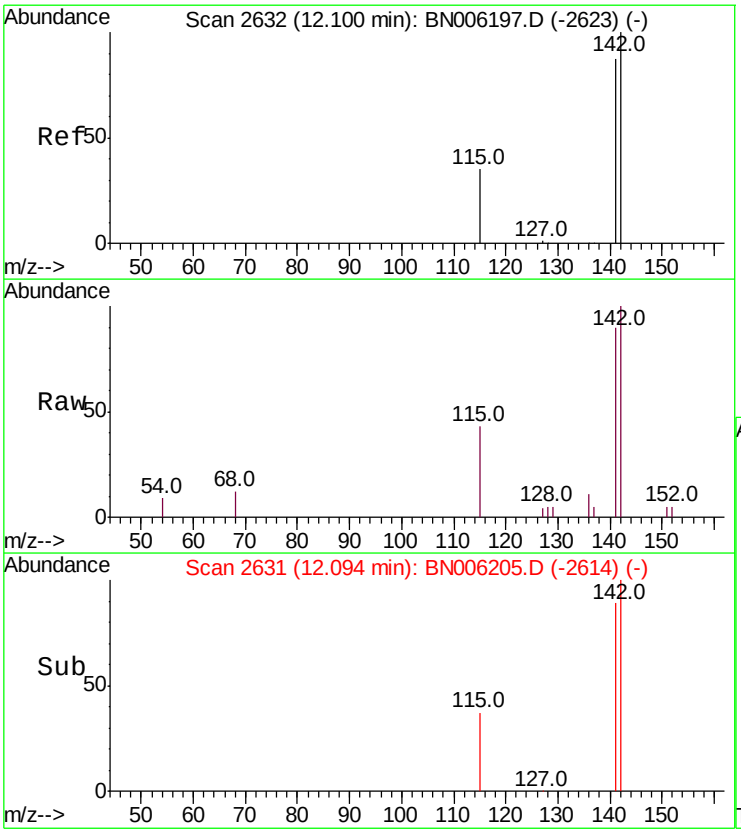
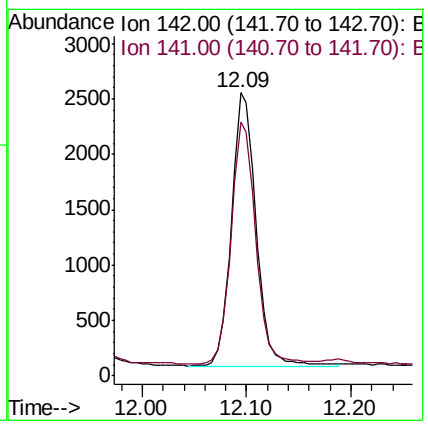


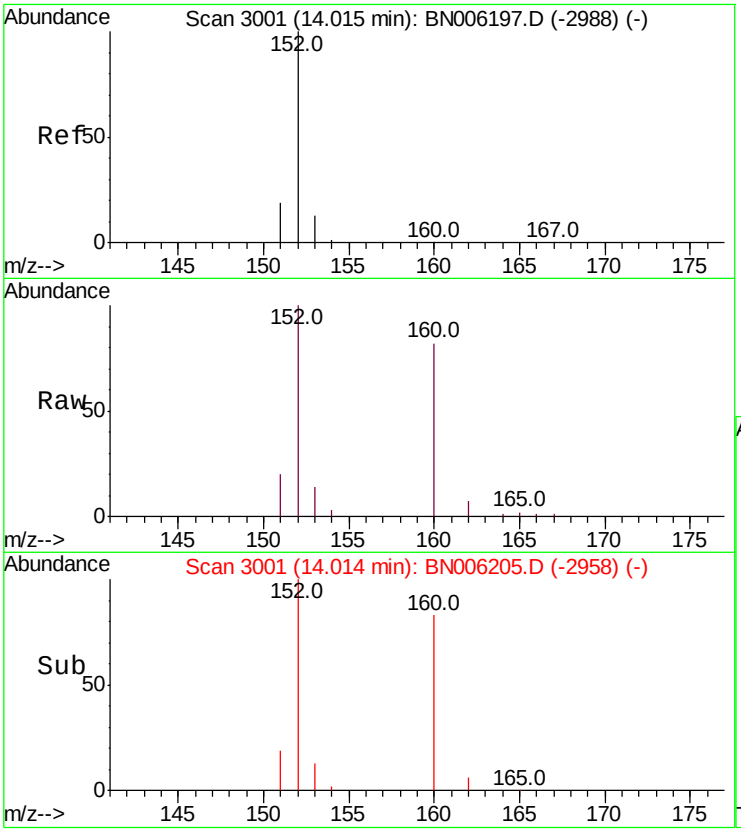


#5
2-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.09 min Scan# 2631
Delta R.T. -0.01 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:142 Resp: 4020

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5

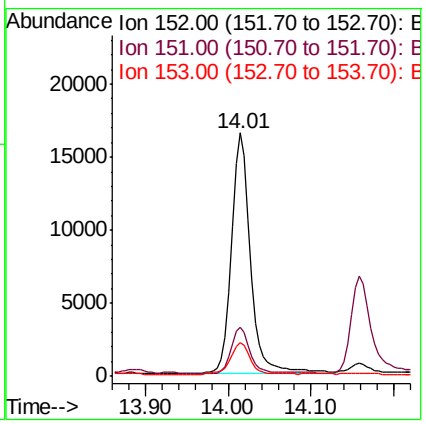




#7
Acenaphthylene
Concen: 0.431 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:152 Resp: 26256

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	14.0	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
A51E2

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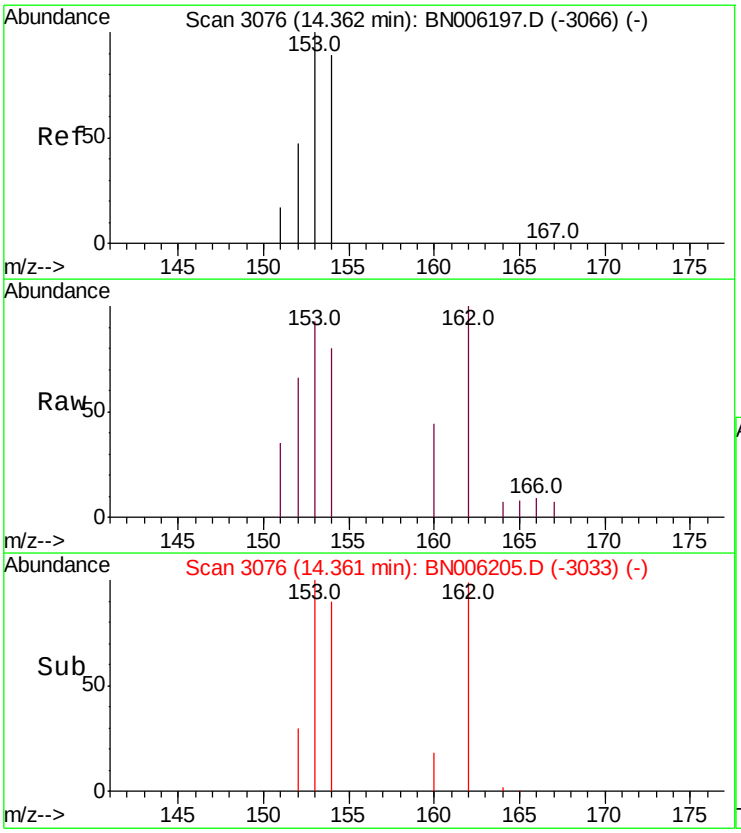
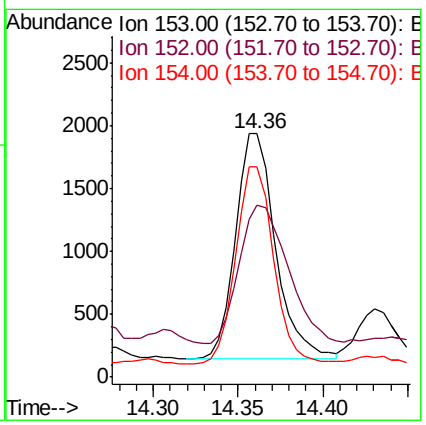
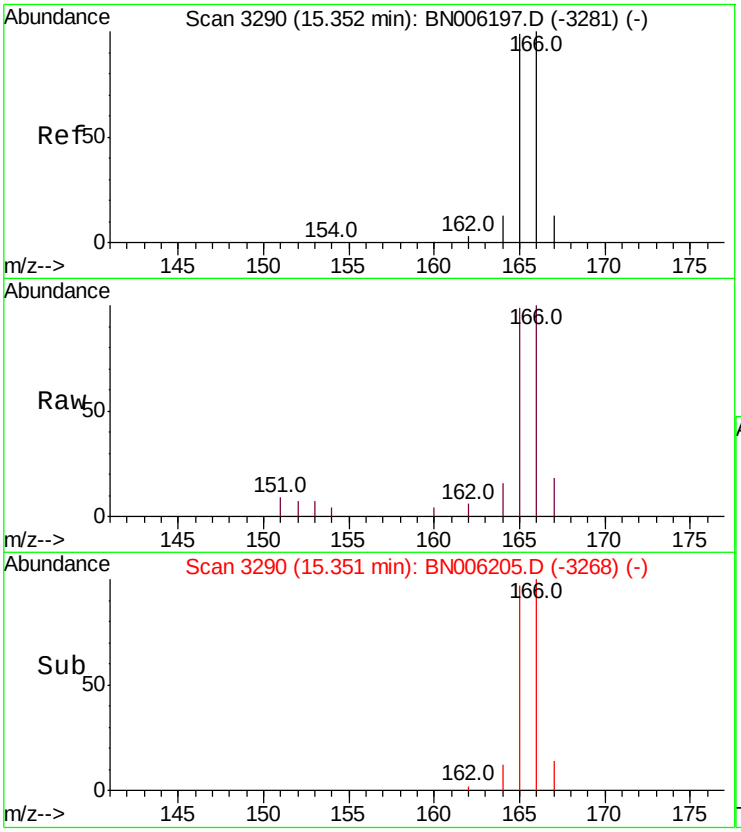


#8
Acenaphthene
Concen: 0.070 ng/ul
RT: 14.36 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:153 Resp: 2936

Ion	Ratio	Lower	Upper
153	100		
152	70.9	39.1	58.7#
154	86.3	71.1	106.7

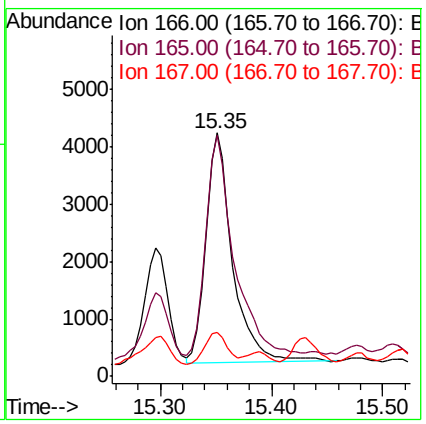




#9
Fluorene
Concen: 0.135 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:166 Resp: 6652

Ion	Ratio	Lower	Upper
166	100		
165	98.8	76.4	114.6
167	18.2	11.0	16.6#



Instrument :
BNA_N
ClientSampleId :
A51E2

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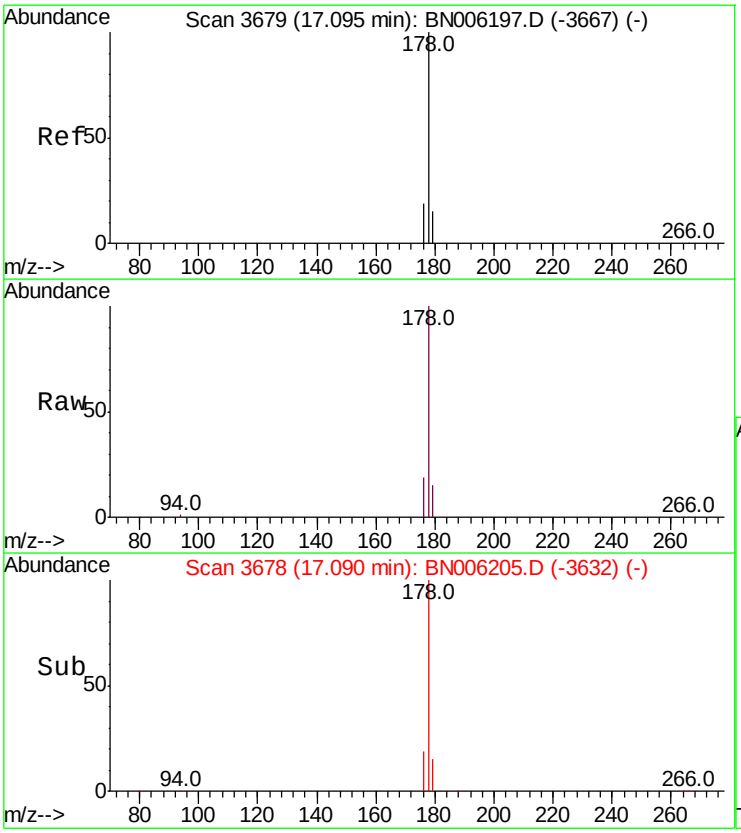
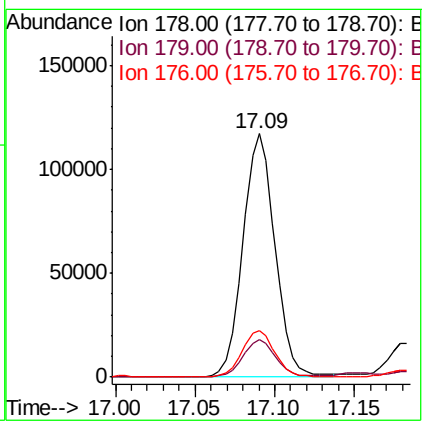
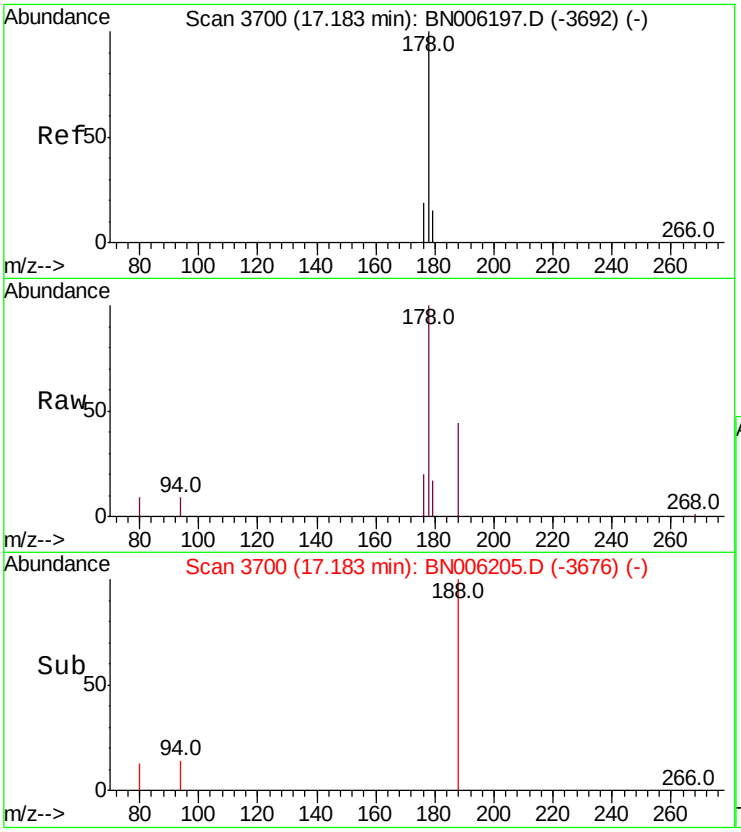


#12
Phenanthrene
Concen: 2.310 ng/ul m
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:178 Resp: 164299

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.2	15.3	22.9

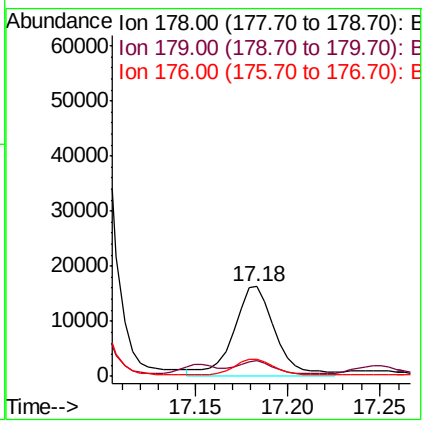




#13
Anthracene
Concen: 0.387 ng/ul m
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:178 Resp: 26255

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.2	18.4
176	19.6	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
A51E2

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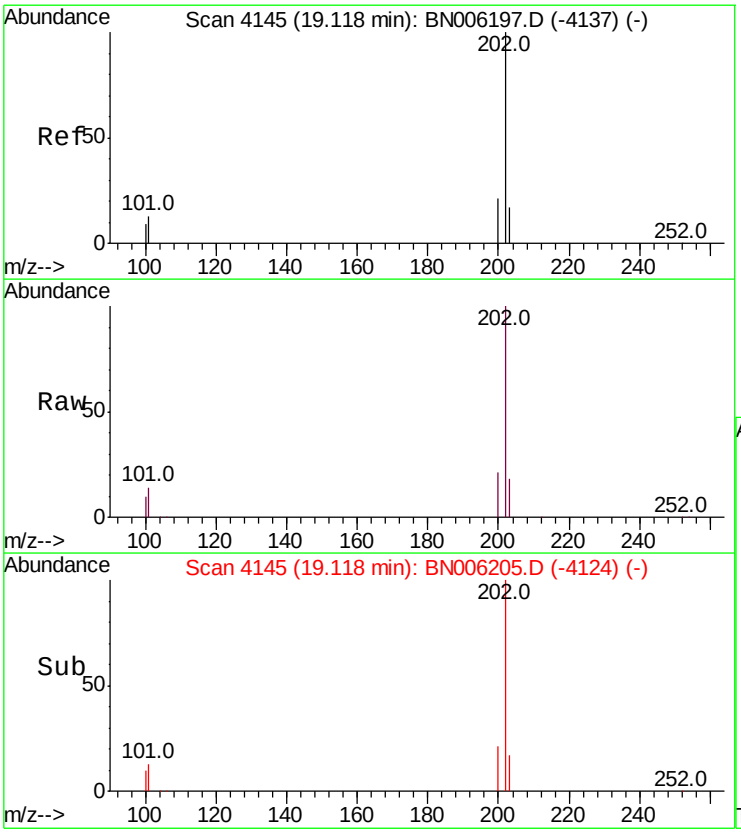
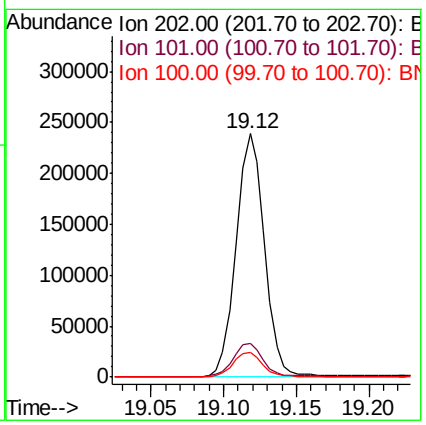
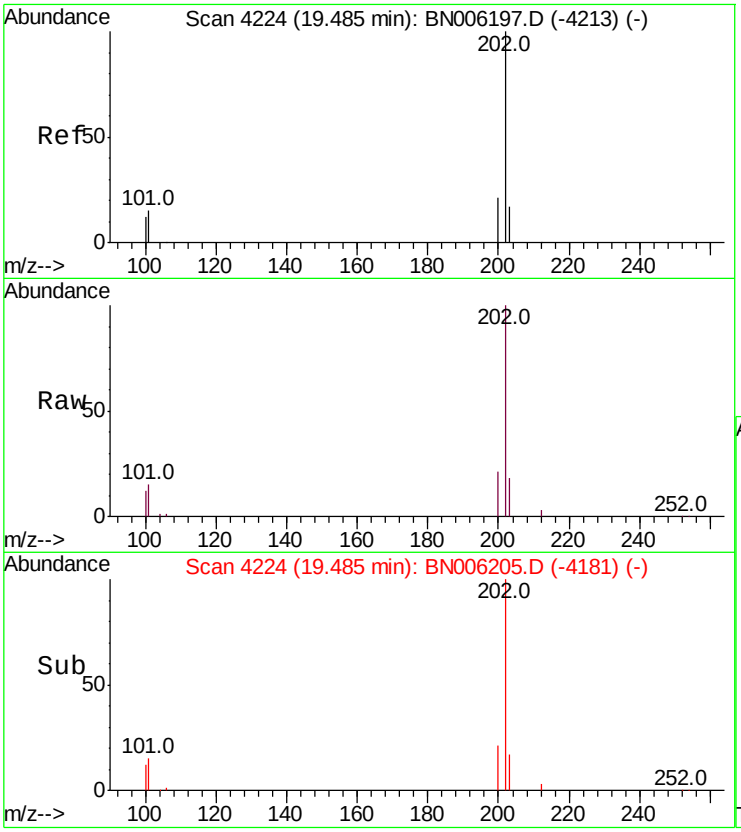


#15
Fluoranthene
Concen: 4.145 ng/ul m
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:202 Resp: 325481

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	32.1
100	10.0	0.0	28.7

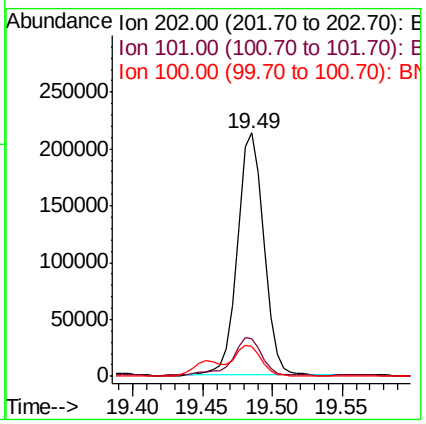




#17
Pyrene
Concen: 2.623 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:202 Resp: 285301

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.2	18.2
100	12.0	9.8	14.6



Instrument :
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ClientSampleId :
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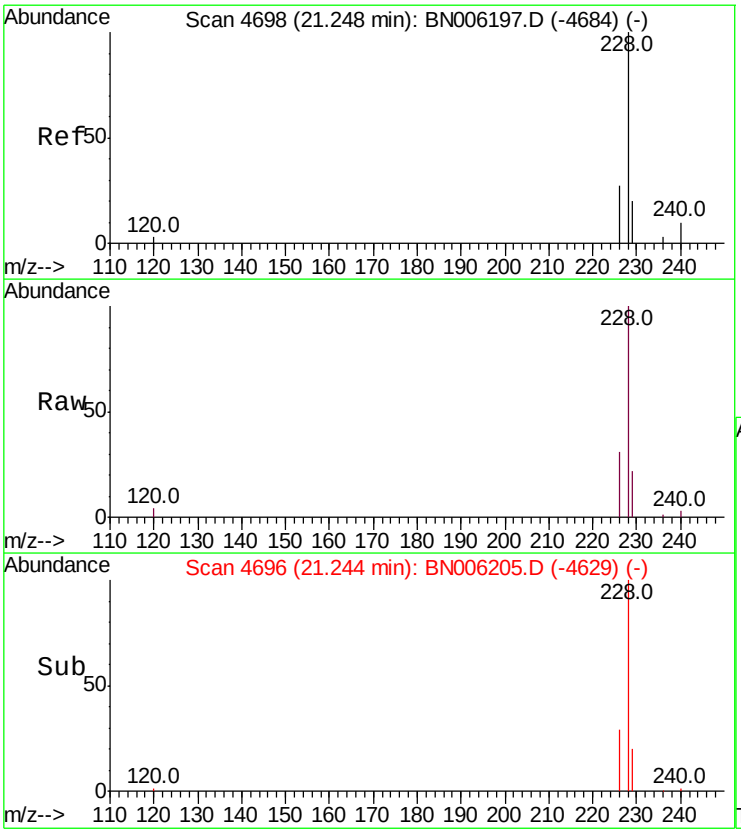
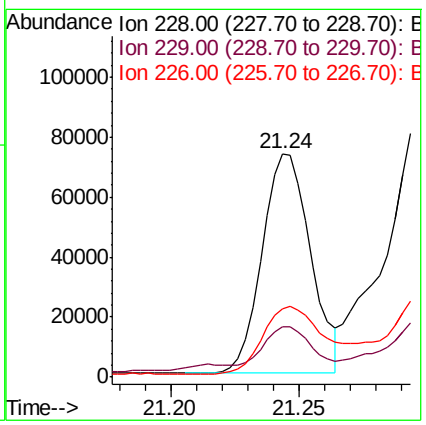
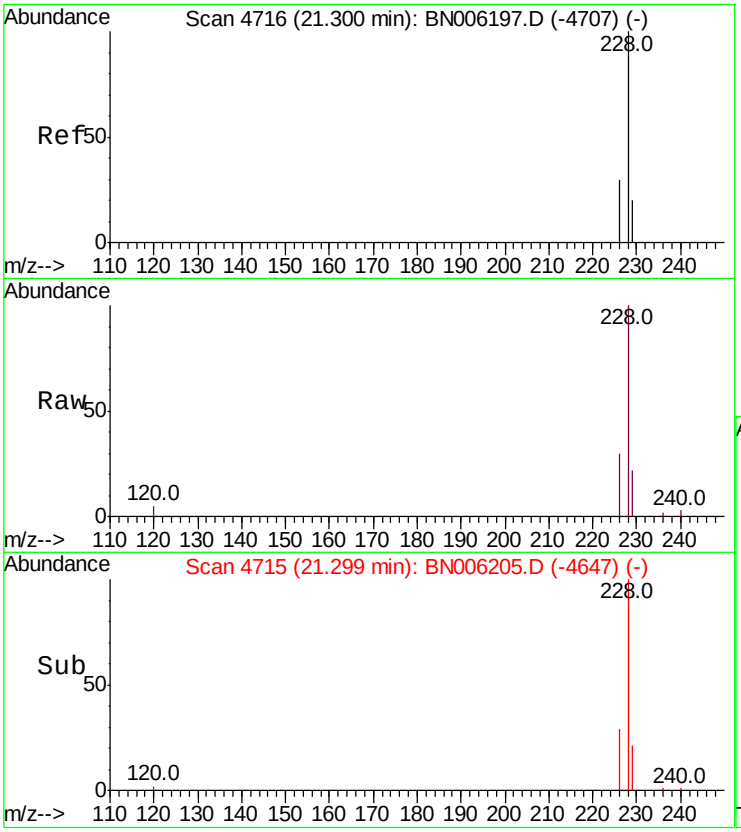


#18
Benzo(a)anthracene
Concen: 1.049 ng/ul m
RT: 21.24 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:228 Resp: 95839

Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.5	24.7
226	30.6	22.8	34.2





#19
Chrysene
Concen: 1.755 ng/ul
RT: 21.30 min Scan# 4715
Delta R.T. -0.00 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:228 Resp: 150522

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	22.4	16.3	24.5

Instrument :
BNA_N
ClientSampleId :
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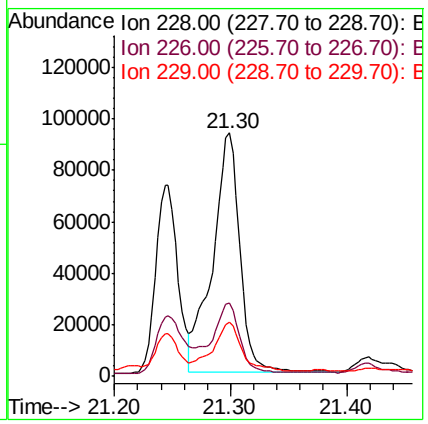
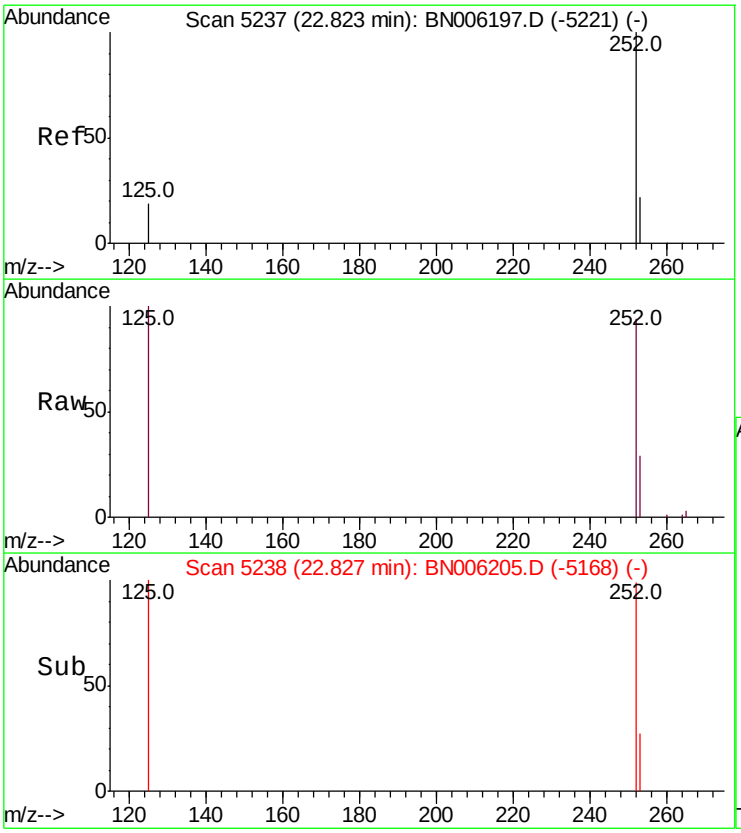
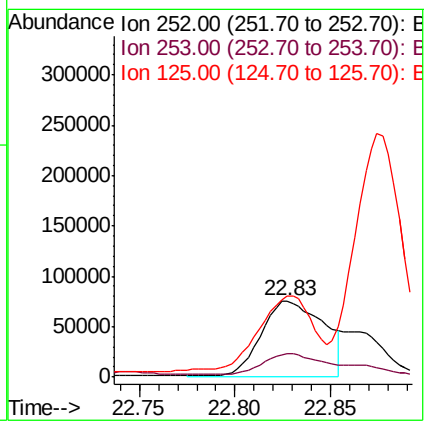


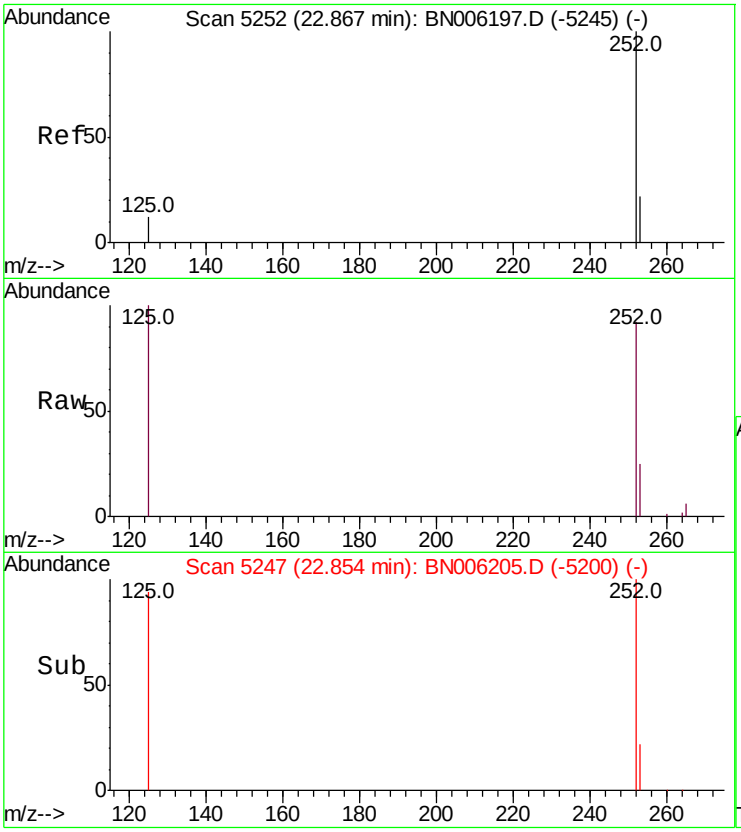


#21
Benzo(b)fluoranthene
Concen: 2.417 ng/ul m
RT: 22.83 min Scan# 5238
Delta R.T. 0.00 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:252 Resp: 173414

Ion	Ratio	Lower	Upper
252	100		
253	30.3	0.0	51.4
125	106.0	0.0	41.0#

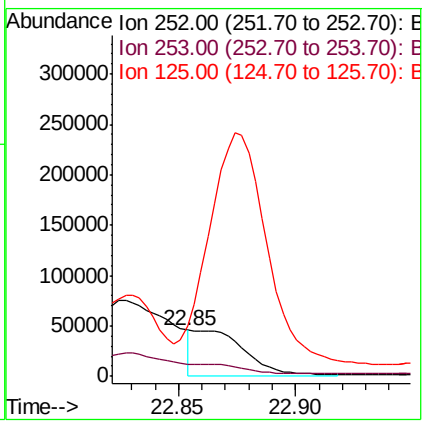




#22
Benzo(k)fluoranthene
Concen: 1.047 ng/ul m
RT: 22.85 min Scan# 5247
Delta R.T. -0.01 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:252 Resp: 73179

Ion	Ratio	Lower	Upper
252	100		
253	26.8	20.3	30.5
125	108.5	14.3	21.5#



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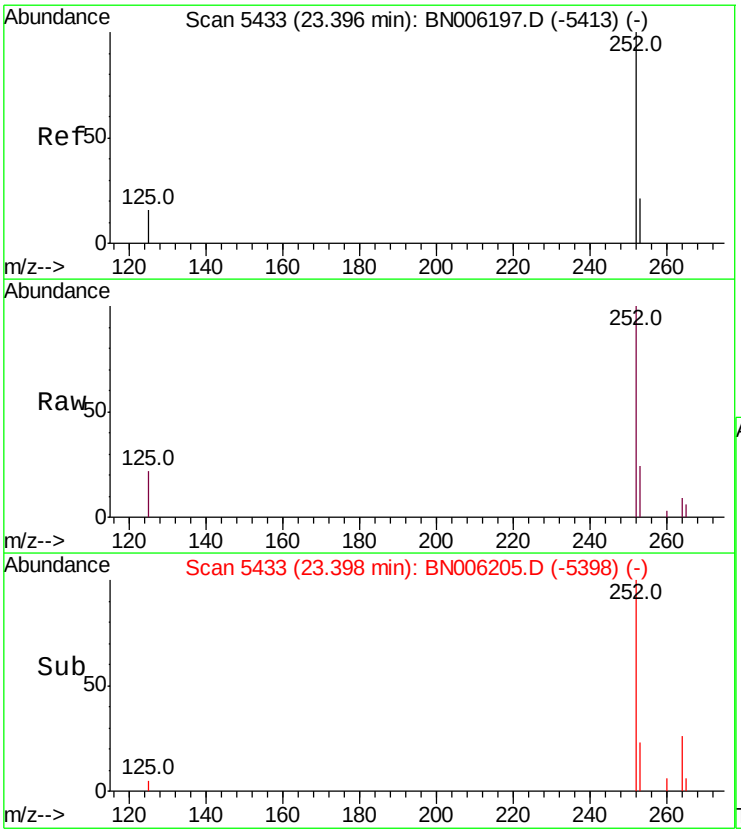
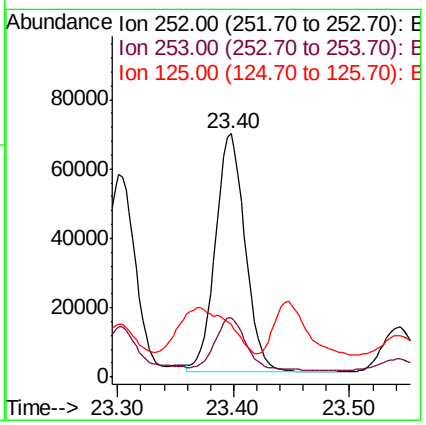
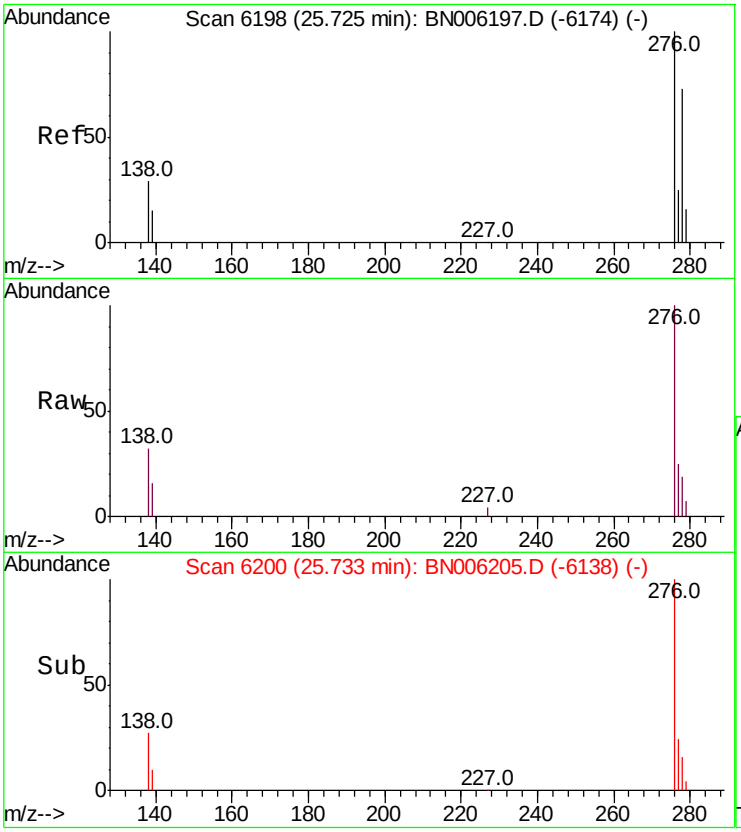


#23
Benzo(a)pyrene
Concen: 1.830 ng/ul
RT: 23.40 min Scan# 5433
Delta R.T. 0.00 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:252 Resp: 122309

Ion	Ratio	Lower	Upper
252	100		
253	24.5	21.1	31.7
125	21.5	20.3	30.5





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.443 ng/ul
RT: 25.73 min Scan# 6200
Delta R.T. 0.01 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:276 Resp: 104345

Ion	Ratio	Lower	Upper
276	100		
138	0.0	25.6	38.4#
227	0.0	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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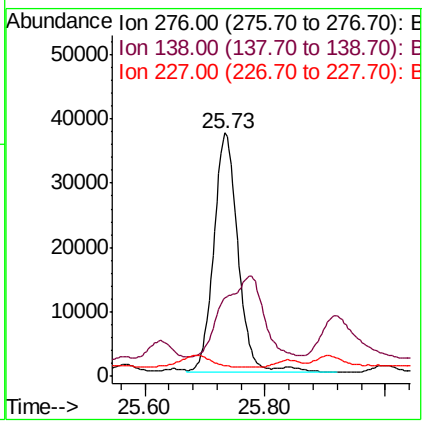
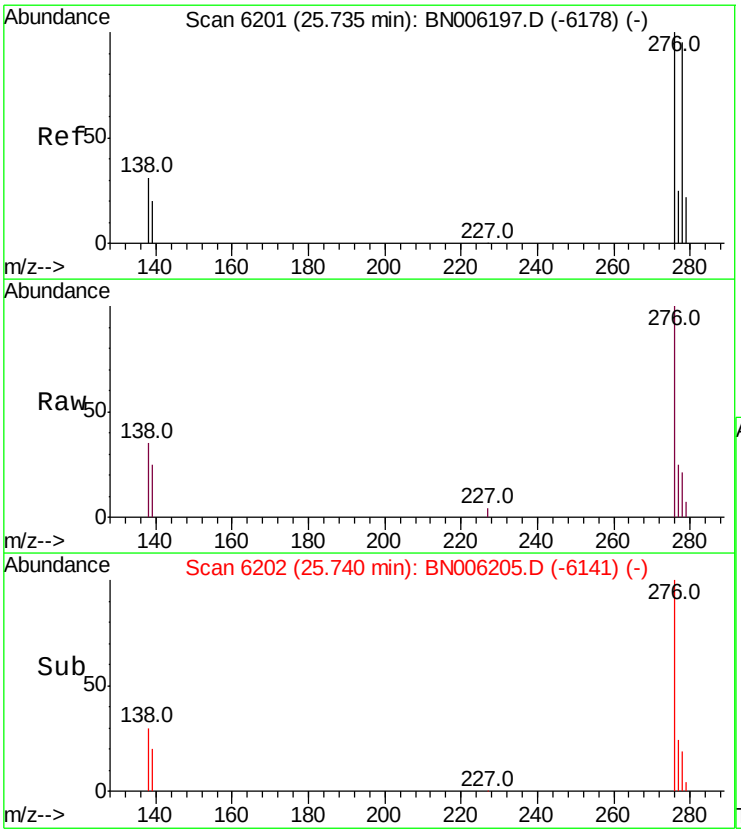
6/11/2019 4:32:27 PM

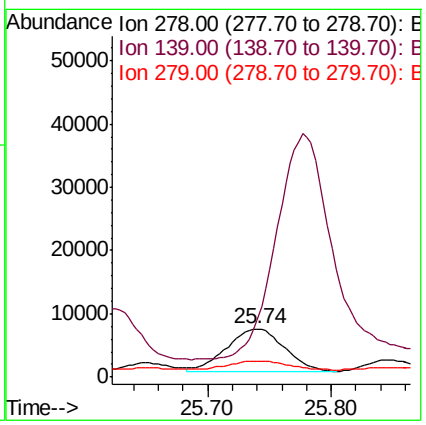


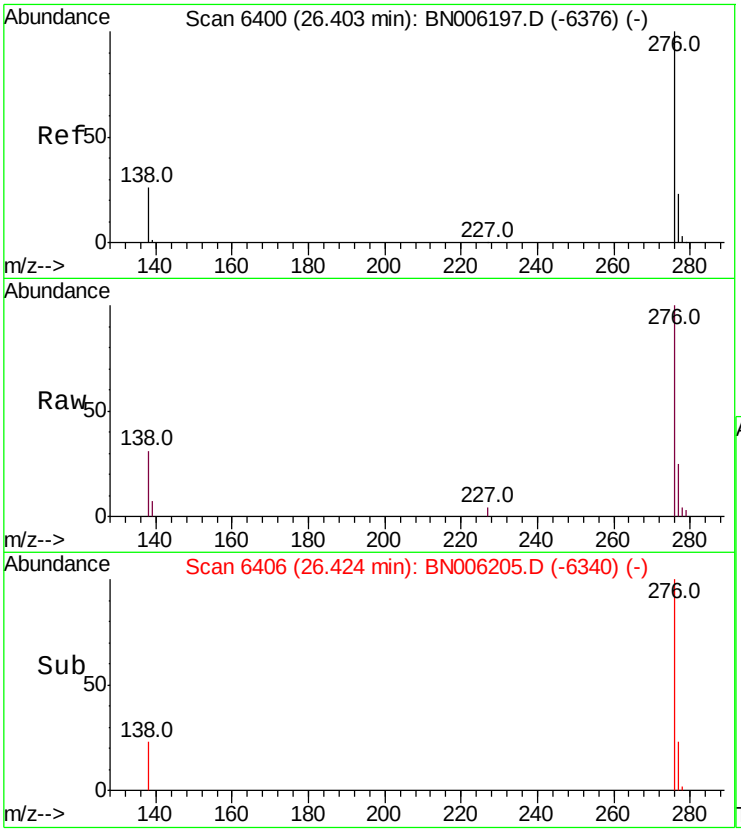


#25
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 25.74 min Scan# 6202
Delta R.T. 0.00 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:278 Resp: 22649

Ion	Ratio	Lower	Upper
278	100		
139	119.2	21.2	31.8#
279	33.6	22.6	33.8

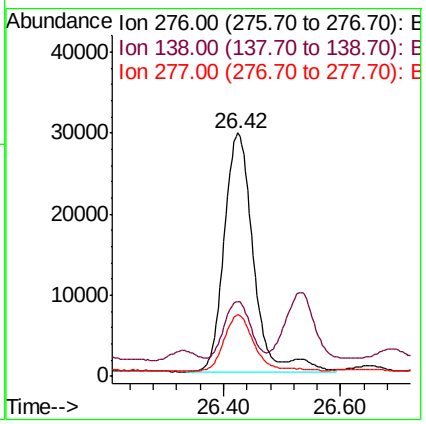




#26
Benzo(g,h,i)perylene
Concen: 1.692 ng/ul
RT: 26.42 min Scan# 6406
Delta R.T. 0.02 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:276 Resp: 102483

Ion	Ratio	Lower	Upper
276	100		
138	30.7	24.2	36.4
277	25.4	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A51E2

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:27 PM