Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006251.D
Acq On : 11 Jun 2019 18:03
Operator : JU/SJ
Sample : K3083-17MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51G0MSD

Manual Integrations APPROVED
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6/12/2019 8:18:55 AM

Quant Time: Jun 12 02:05:04 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	5216	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	20273	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10529	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19859	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	13384	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	16615	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7797	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	13445	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	1693	0.030	ng/ul#	83
7) Acenaphthylene	14.01	152	5061	0.086	ng/ul	94
8) Acenaphthene	14.36	153	16073	0.396	ng/ul	99
9) Fluorene	15.35	166	5724	0.121	ng/ul#	96
11) Pentachlorophenol	16.71	266	1322	0.262	ng/ul	93
12) Phenanthrene	17.09	178	158398	2.485	ng/ul	100
13) Anthracene	17.18	178	14584	0.240	ng/ul	98
15) Fluoranthene	19.12	202	461198	6.552	ng/ul	96
17) Pyrene	19.49	202	378868	5.374	ng/ul	100
18) Benzo(a)anthracene	21.25	228	136737	2.310	ng/ul	100
19) Chrysene	21.30	228	199576	3.591	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	282638m	4.080	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	114110m	1.691	ng/ul	
23) Benzo(a)pyrene	23.40	252	170363	2.640	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.74	276	150378	2.153	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.74	278	31697	0.568	ng/ul	99
26) Benzo(g,h,i)perylene	26.42	276	136279	2.330	ng/ul	95

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

Quantitation Report (QT Reviewed)

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Acq On : 11 Jun 2019 18:03
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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BNA_N
ClientSampleId :
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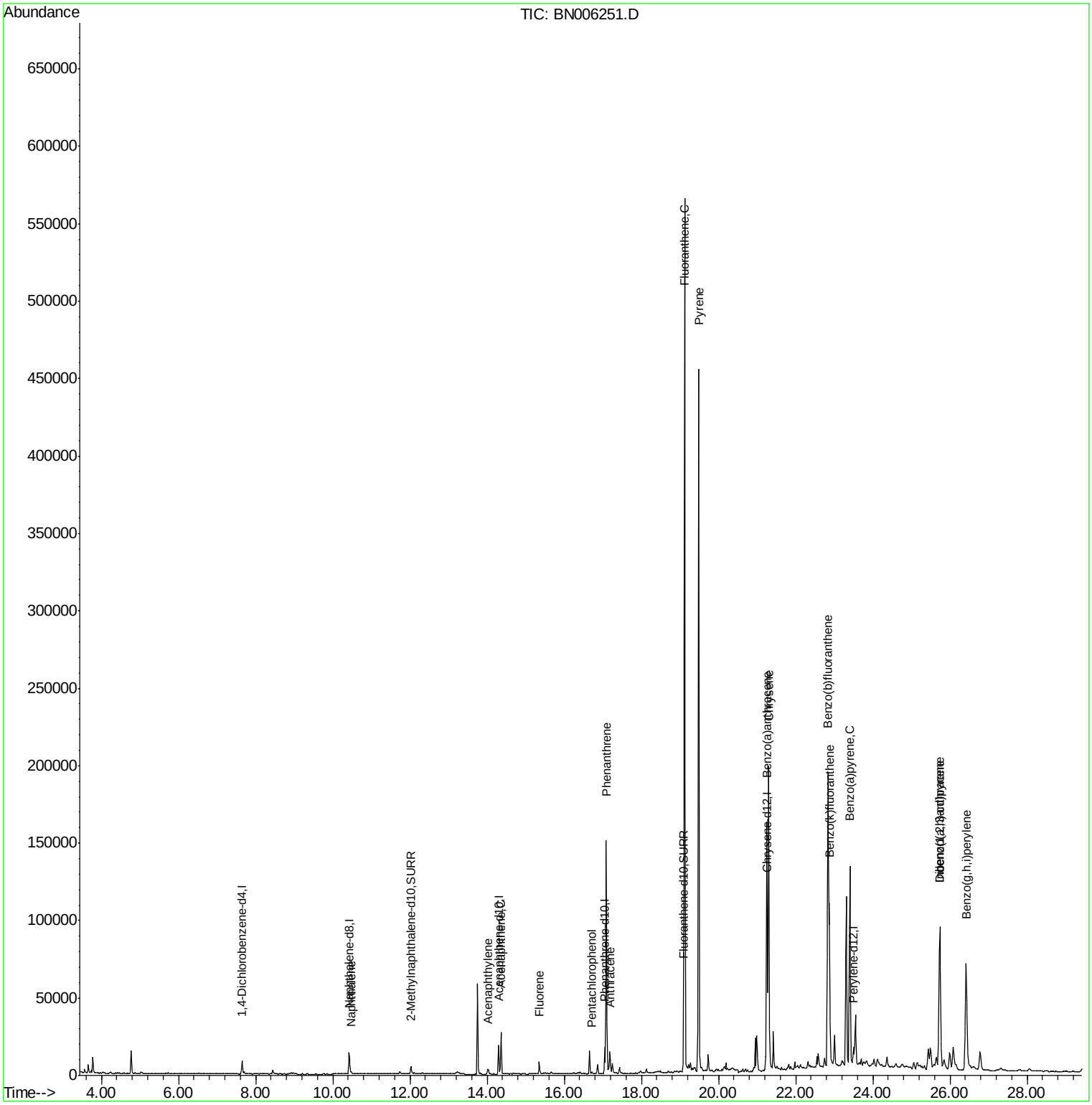
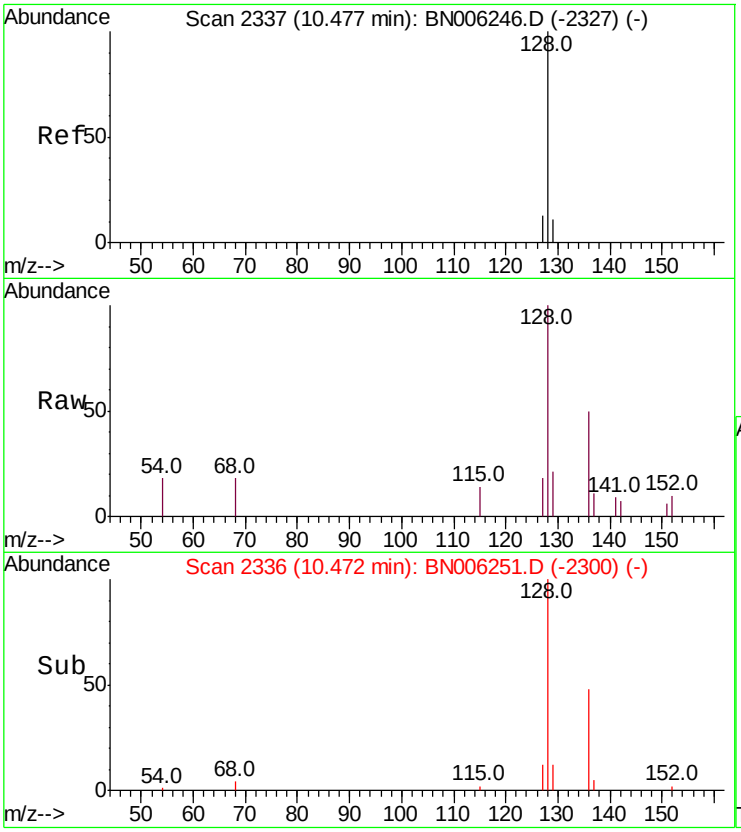
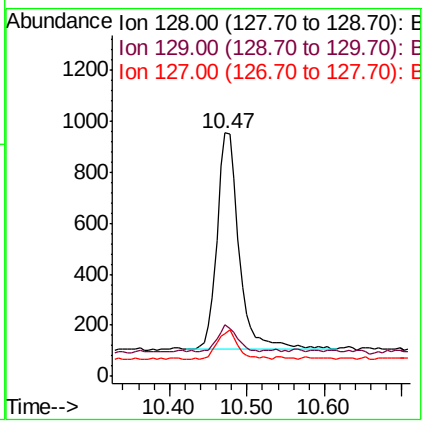




#3
Naphthalene
Concen: 0.030 ng/ul
RT: 10.47 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:128 Resp: 1693

Ion	Ratio	Lower	Upper
128	100		
129	21.0	9.3	13.9#
127	17.7	10.7	16.1#



Instrument :
BNA_N
ClientSampleId :
A51G0MSD

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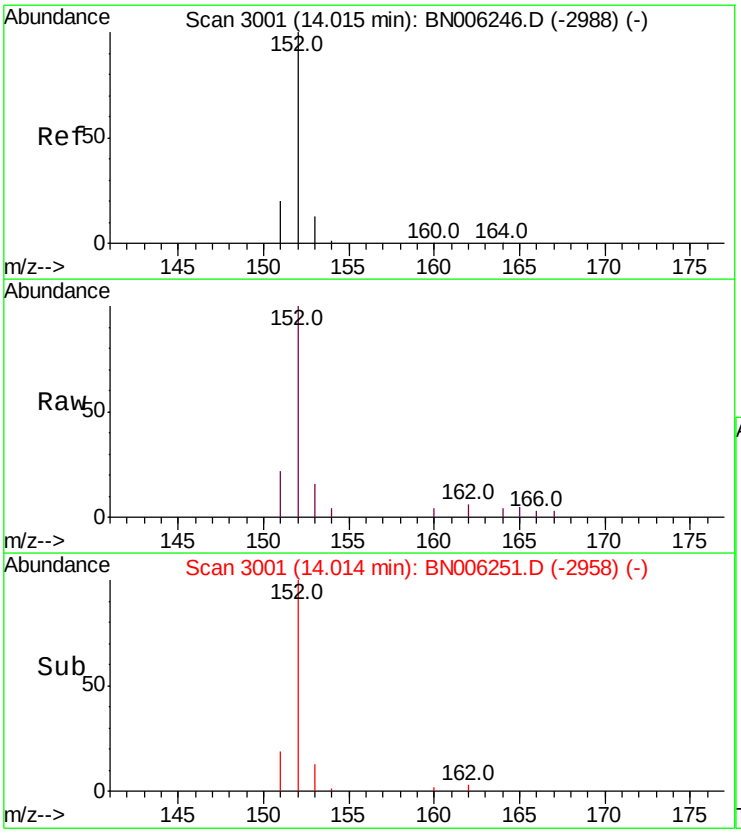
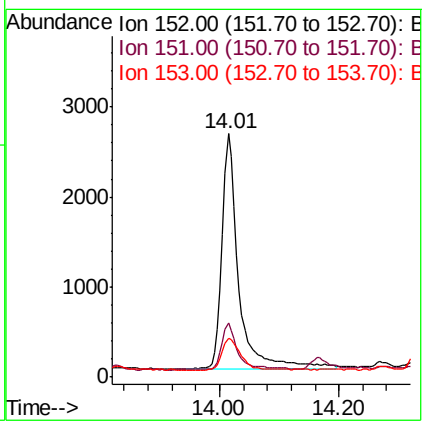
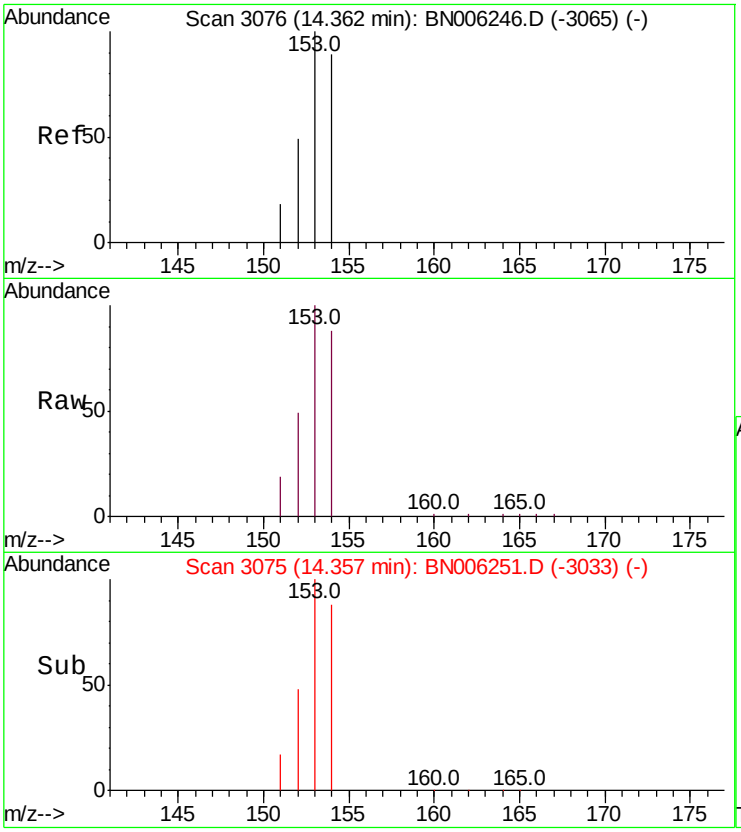


#7
Acenaphthylene
Concen: 0.086 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:152 Resp: 5061

Ion	Ratio	Lower	Upper
152	100		
151	22.3	15.8	23.8
153	16.0	10.8	16.2





#8
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.36 min Scan# 3075
Delta R.T. -0.00 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:153 Resp: 16073

Ion	Ratio	Lower	Upper
153	100		
152	49.4	39.1	58.7
154	88.2	71.1	106.7

Instrument :
BNA_N
ClientSampleId :
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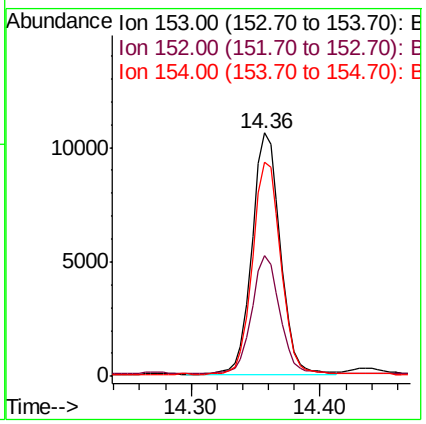
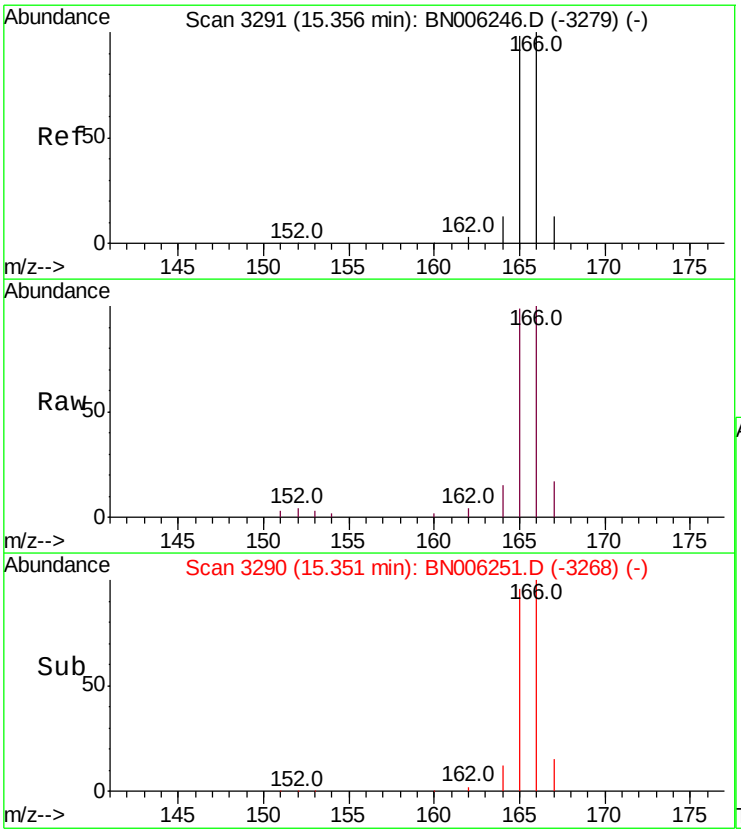
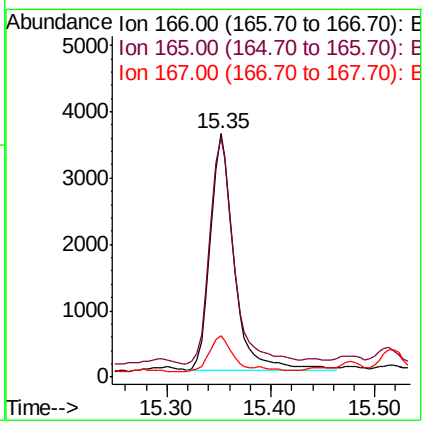


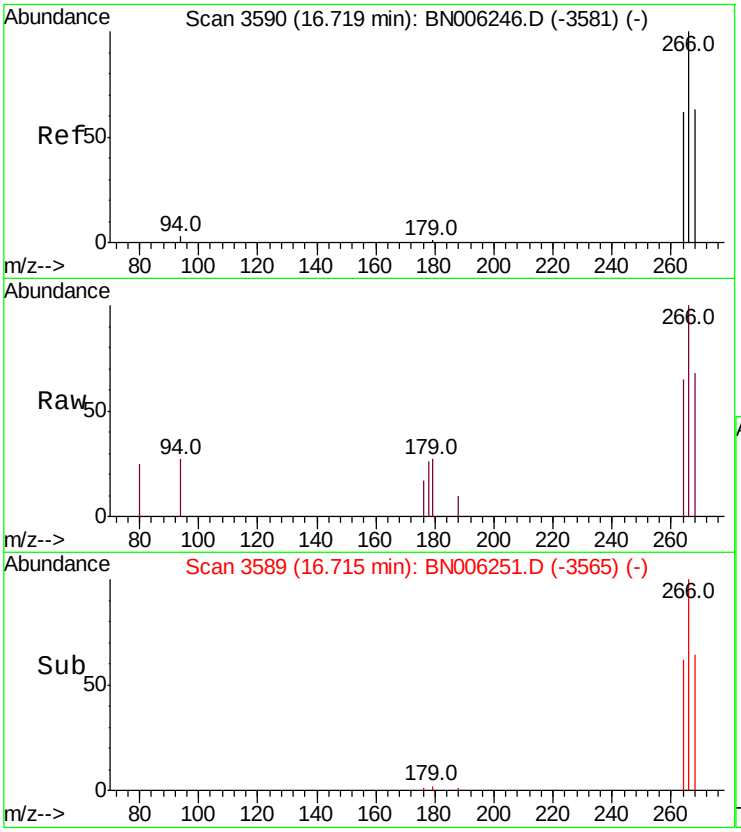


#9
Fluorene
Concen: 0.121 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:166 Resp: 5724

Ion	Ratio	Lower	Upper
166	100		
165	98.7	76.4	114.6
167	16.9	11.0	16.6#

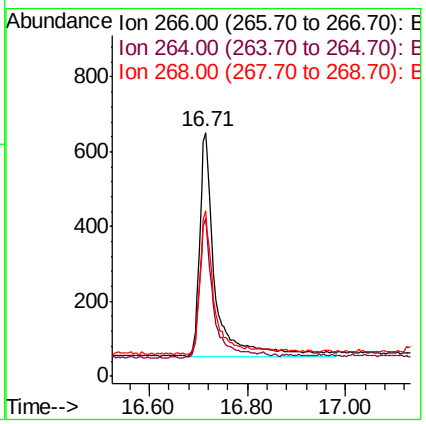




#11
Pentachlorophenol
Concen: 0.262 ng/ul
RT: 16.71 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:266 Resp: 1322

Ion	Ratio	Lower	Upper
266	100		
264	57.8	50.3	75.5
268	59.0	51.3	76.9



Instrument :
BNA_N
ClientSampleId :
A51G0MSD

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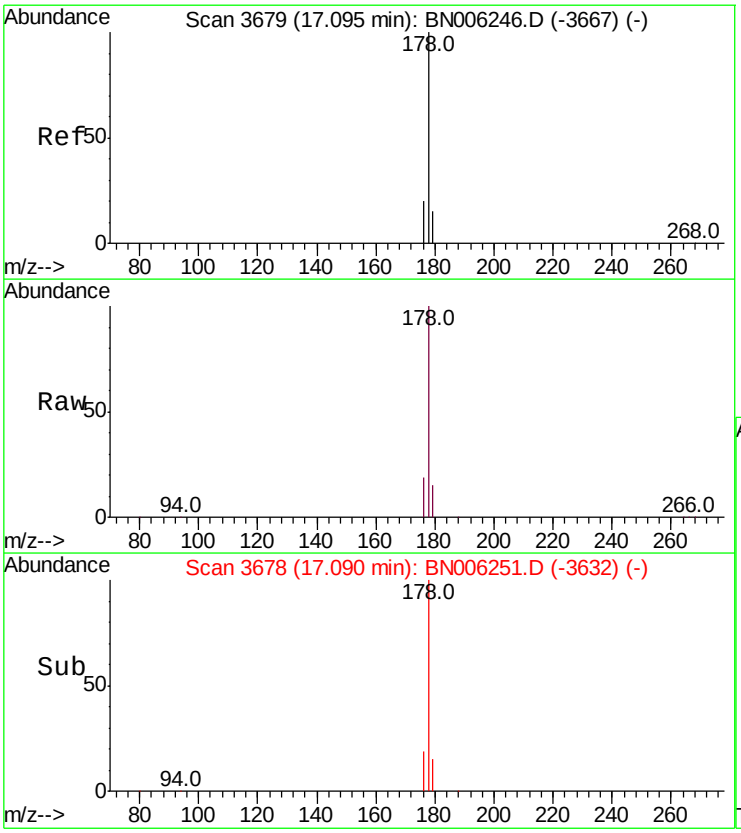
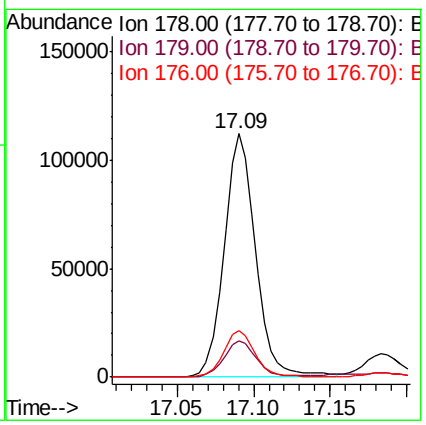
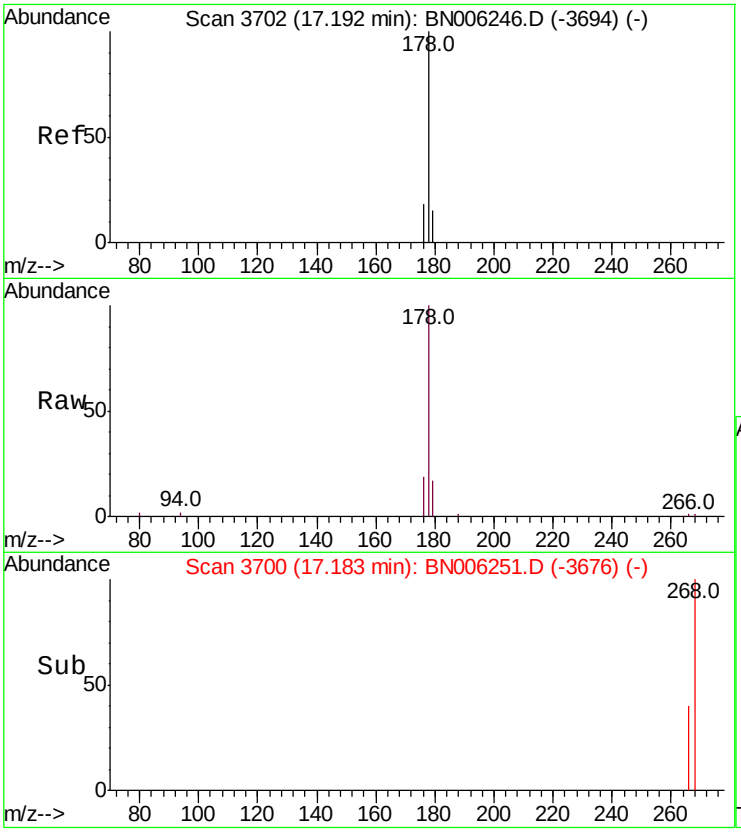


#12
Phenanthrene
Concen: 2.485 ng/ul
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:178 Resp: 158398

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	19.2	15.3	22.9





#13
Anthracene
Concen: 0.240 ng/ul
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:178 Resp: 14584

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.2	18.4
176	19.0	15.1	22.7

Instrument :
BNA_N
ClientSampleId :
A51G0MSD

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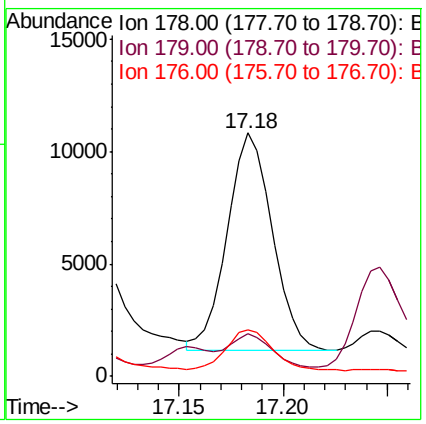
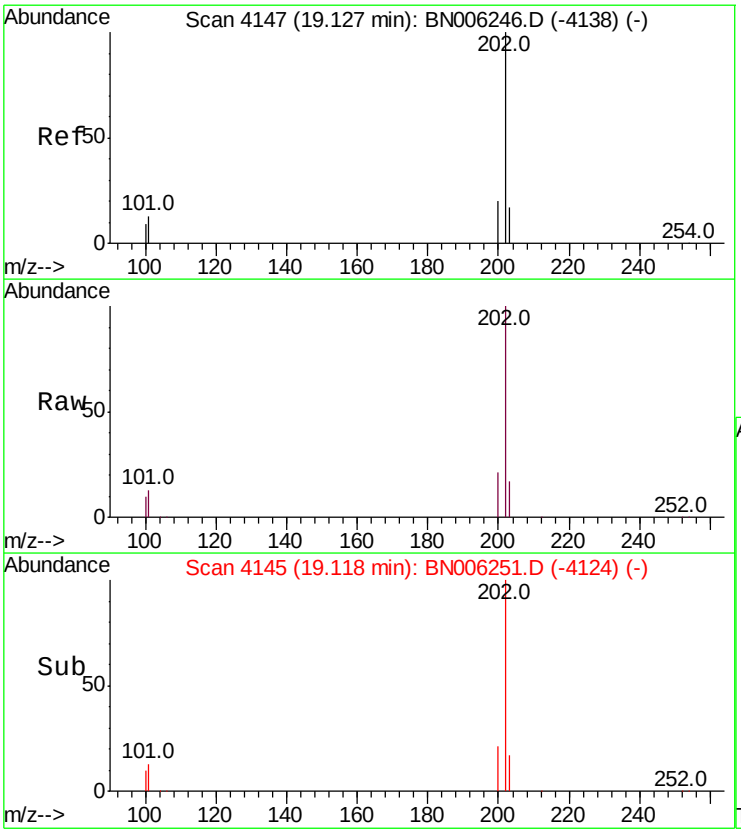
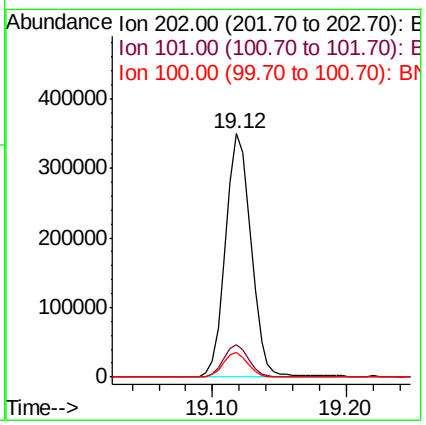


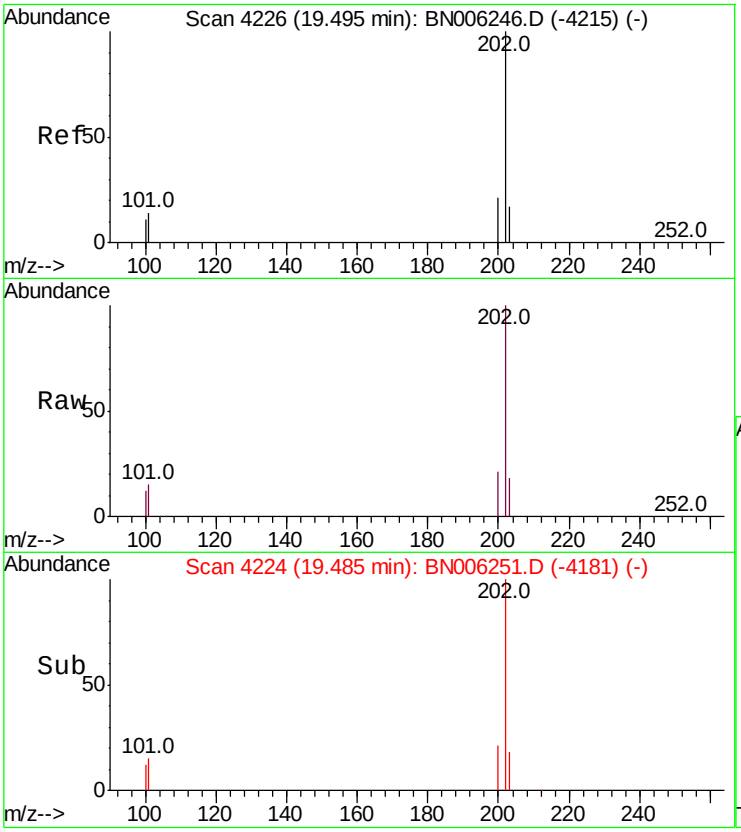


#15
Fluoranthene
Concen: 6.552 ng/ul
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:202 Resp: 461198

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	32.1
100	10.0	0.0	28.7

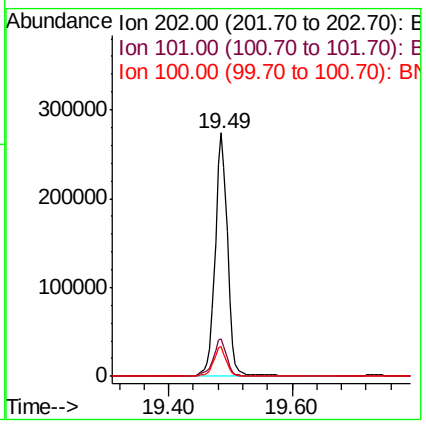




#17
Pyrene
Concen: 5.374 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:202 Resp: 378868

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



Instrument :
BNA_N
ClientSampleId :
A51G0MSD

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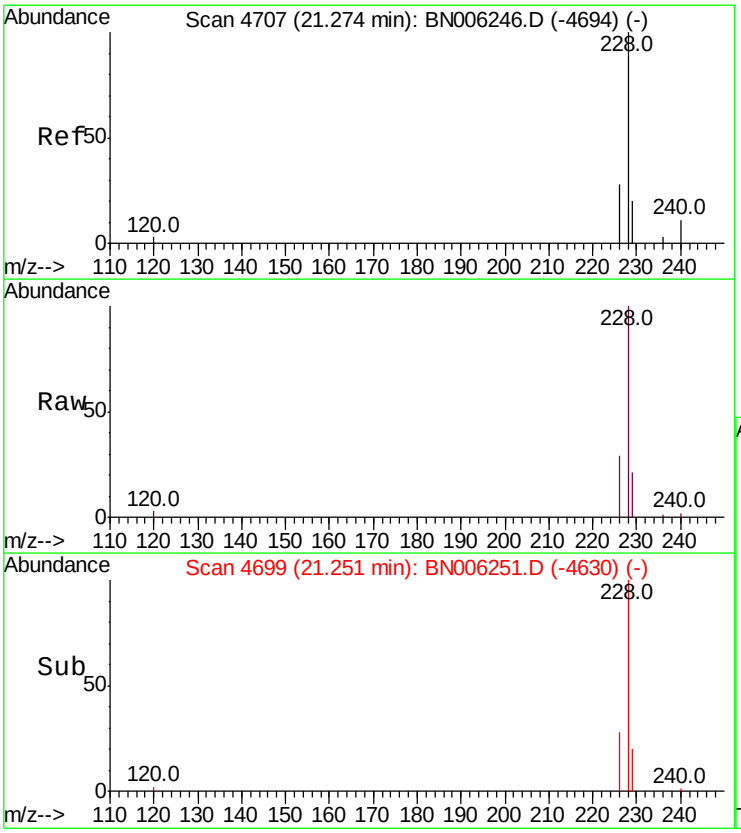
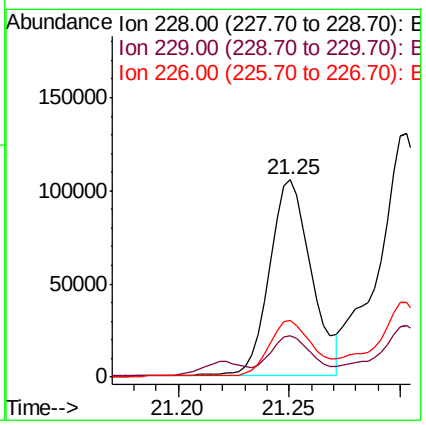
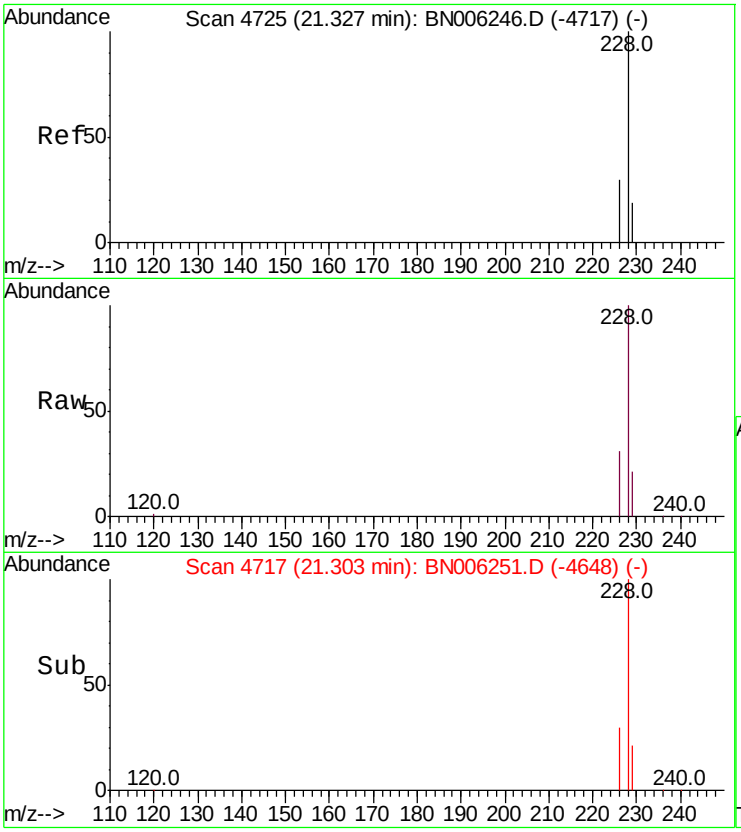


#18
Benzo(a)anthracene
Concen: 2.310 ng/ul
RT: 21.25 min Scan# 4699
Delta R.T. 0.00 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:228 Resp: 136737

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.5	24.7
226	28.6	22.8	34.2

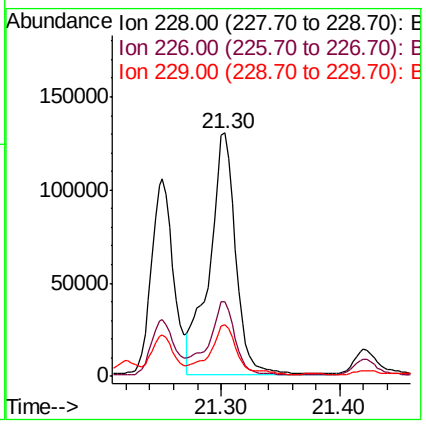




#19
Chrysene
Concen: 3.591 ng/ul
RT: 21.30 min Scan# 4717
Delta R.T. 0.00 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:228 Resp: 199576

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.4	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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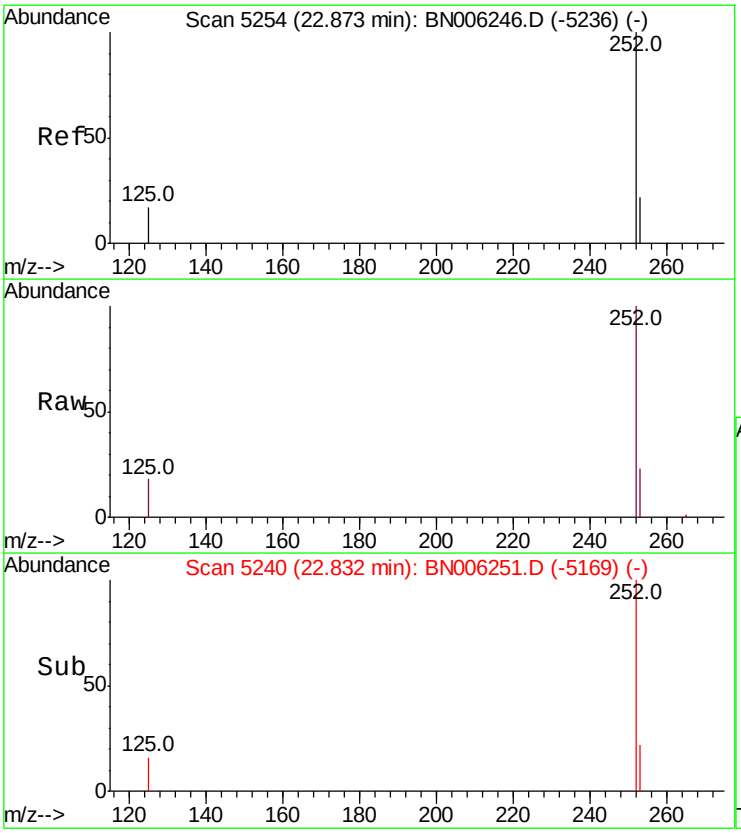
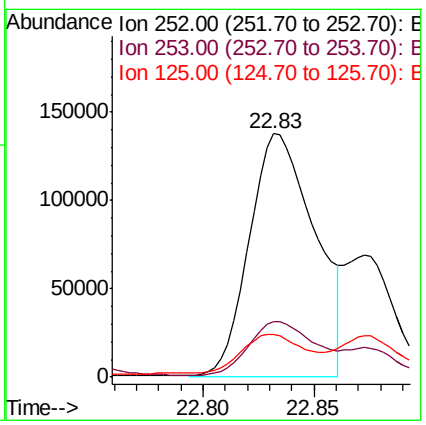
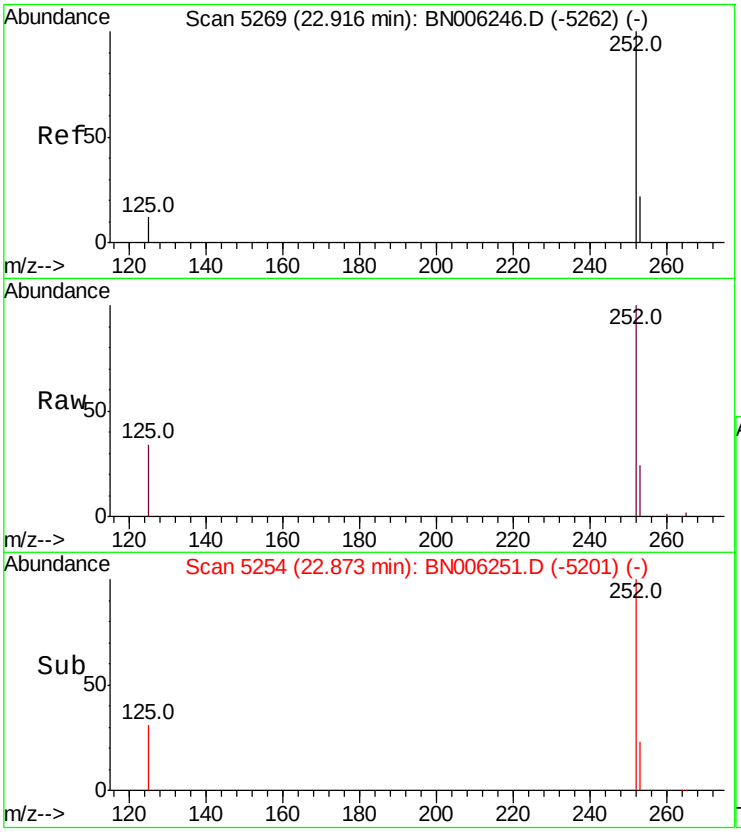


#21
Benzo(b)fluoranthene
Concen: 4.080 ng/ul m
RT: 22.83 min Scan# 5240
Delta R.T. 0.01 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:252 Resp: 282638

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	51.4
125	17.5	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 1.691 ng/ul m
RT: 22.87 min Scan# 5254
Delta R.T. 0.01 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:252 Resp: 114110

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.3	30.5
125	33.8	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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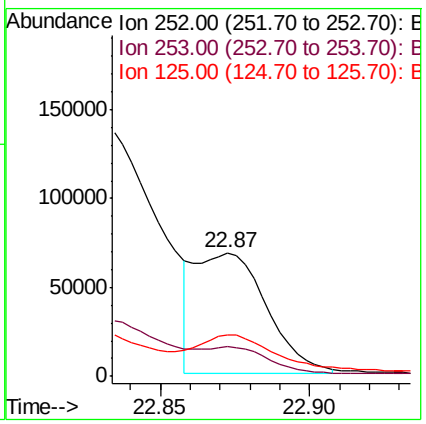
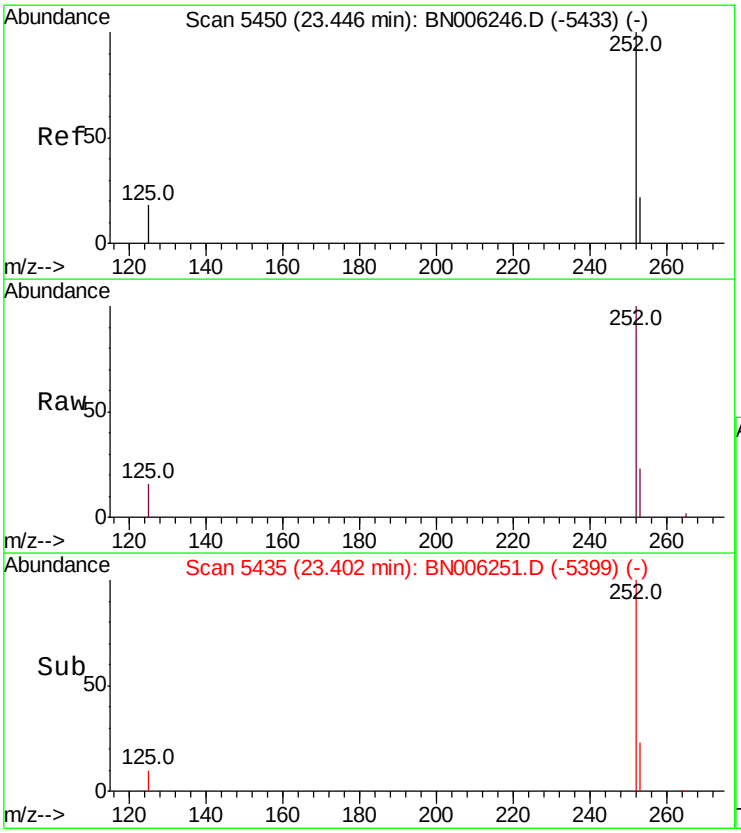
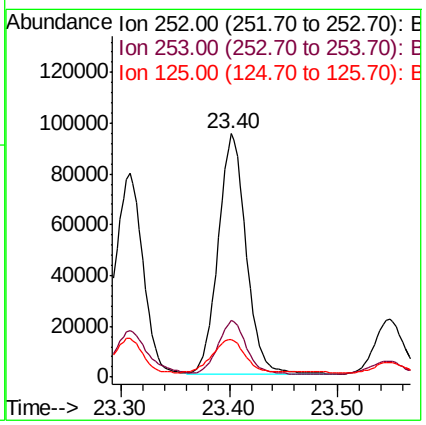


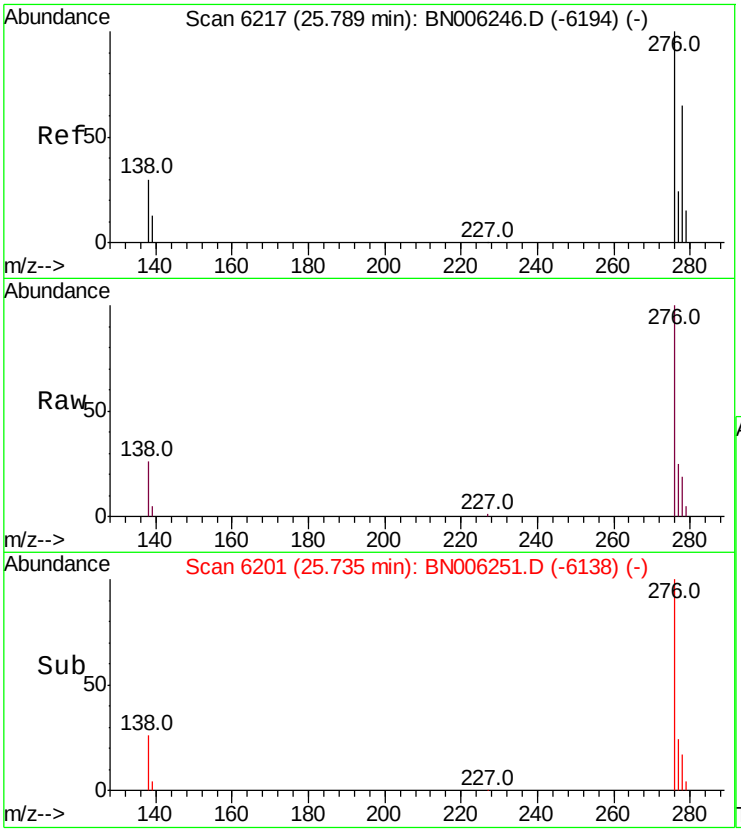


#23
Benzo(a)pyrene
Concen: 2.640 ng/ul
RT: 23.40 min Scan# 5435
Delta R.T. 0.01 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:252 Resp: 170363

Ion	Ratio	Lower	Upper
252	100		
253	23.1	21.1	31.7
125	15.6	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.153 ng/ul
RT: 25.74 min Scan# 6201
Delta R.T. 0.01 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:276 Resp: 150378

Ion	Ratio	Lower	Upper
276	100		
138	25.0	25.6	38.4#
227	0.4	0.3	0.5

Instrument :
BNA_N
ClientSampleId :
A51G0MSD

Manual Integrations APPROVED
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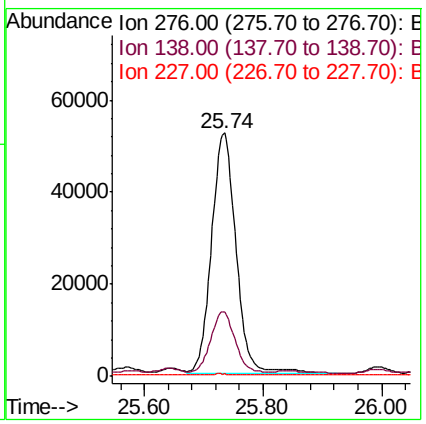
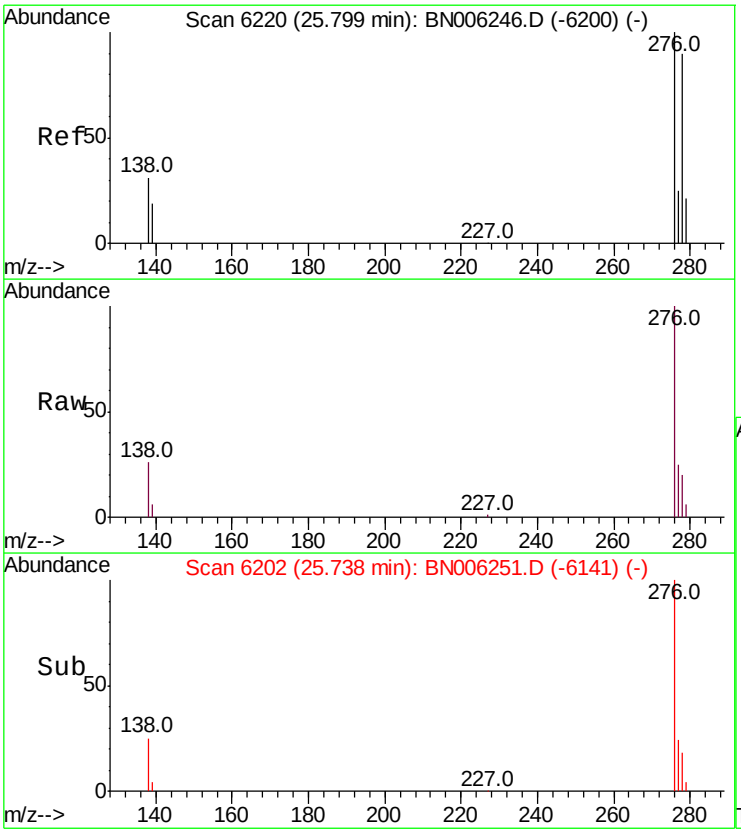
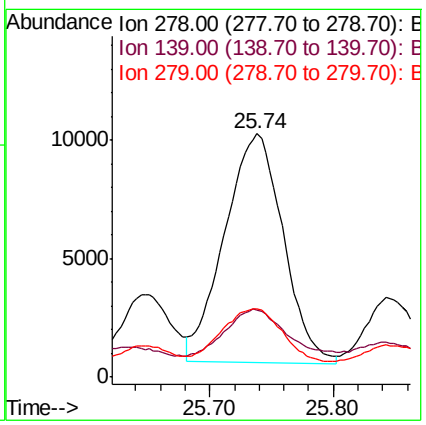


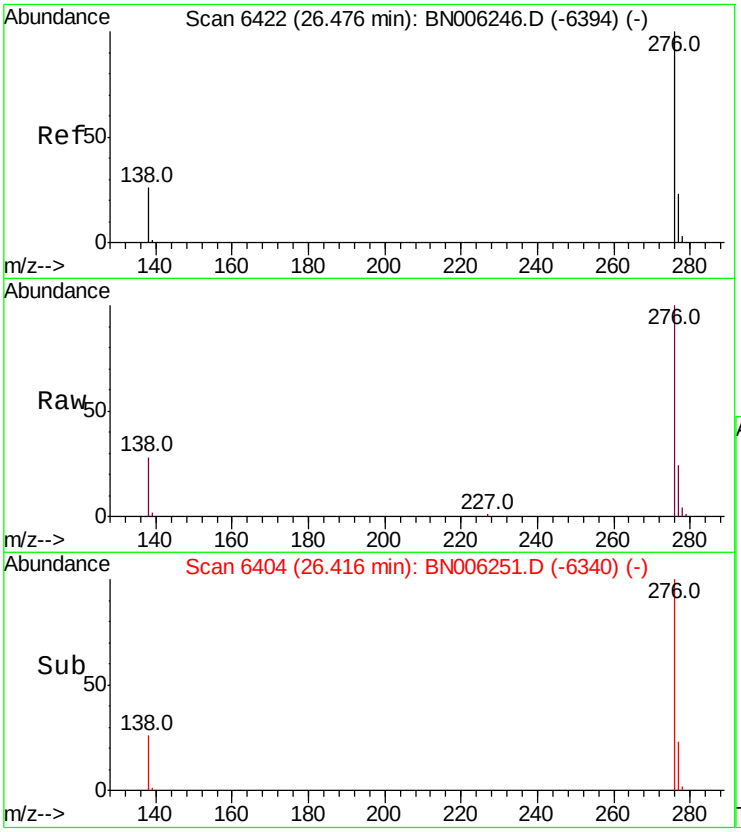


#25
Dibenzo(a,h)anthracene
Concen: 0.568 ng/ul
RT: 25.74 min Scan# 6202
Delta R.T. 0.00 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:278 Resp: 31697

Ion	Ratio	Lower	Upper
278	100		
139	27.6	21.2	31.8
279	28.3	22.6	33.8

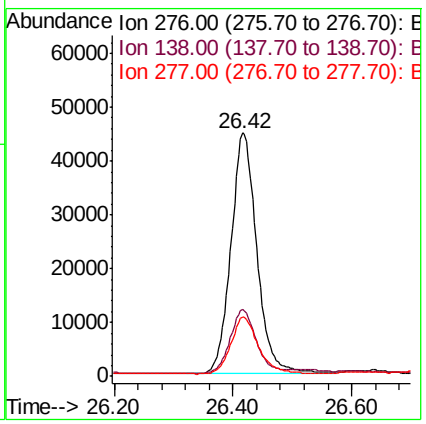




#26
Benzo(g,h,i)perylene
Concen: 2.330 ng/ul
RT: 26.42 min Scan# 6404
Delta R.T. 0.01 min
Lab File: BN006251.D
Acq: 11 Jun 2019 18:03

Tgt Ion:276 Resp: 136279

Ion	Ratio	Lower	Upper
276	100		
138	27.6	24.2	36.4
277	24.1	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A51G0MSD

Manual Integrations APPROVED
mohammad
6/12/2019 8:18:55 AM