Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006287.D
Acq On : 12 Jun 2019 19:02
Operator : JU/SJ
Sample : K3231-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB8L5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:02 AM

Quant Time: Jun 13 02:20:15 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 : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4962	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	19400	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9788	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	18037m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11612m	0.40	ng/ul	-0.02
20) Perylene-d12	23.51	264	16456	0.40	ng/ul	-0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4919	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10429m	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	1285	0.024	ng/ul#	78
5) 2-Methylnaphthalene	12.10	142	775	0.021	ng/ul	99
7) Acenaphthylene	14.01	152	3293	0.061	ng/ul#	93
9) Fluorene	15.35	166	1247	0.028	ng/ul#	94
11) Pentachlorophenol	16.71	266	151m	0.033	ng/ul	
12) Phenanthrene	17.09	178	3851m	0.067	ng/ul	
13) Anthracene	17.18	178	1505m	0.027	ng/ul	
15) Fluoranthene	19.12	202	3644m	0.057	ng/ul	
17) Pyrene	19.49	202	3956m	0.065	ng/ul	
18) Benzo(a)anthracene	21.26	228	3116m	0.061	ng/ul	
19) Chrysene	21.31	228	2209	0.046	ng/ul#	82
21) Benzo(b)fluoranthene	22.84	252	2365	0.034	ng/ul#	1
22) Benzo(k)fluoranthene	22.88	252	2543	0.038	ng/ul#	1
23) Benzo(a)pyrene	23.36	252	2935	0.046	ng/ul#	15
24) Indeno(1,2,3-cd)pyrene	25.74	276	2426	0.035	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.75	278	1627	0.029	ng/ul#	19
26) Benzo(g,h,i)perylene	26.43	276	2833	0.049	ng/ul#	68

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006287.D
Acq On : 12 Jun 2019 19:02
Operator : JU/SJ
Sample : K3231-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 13 02:20:15 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 : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8L5

Manual Integrations APPROVED
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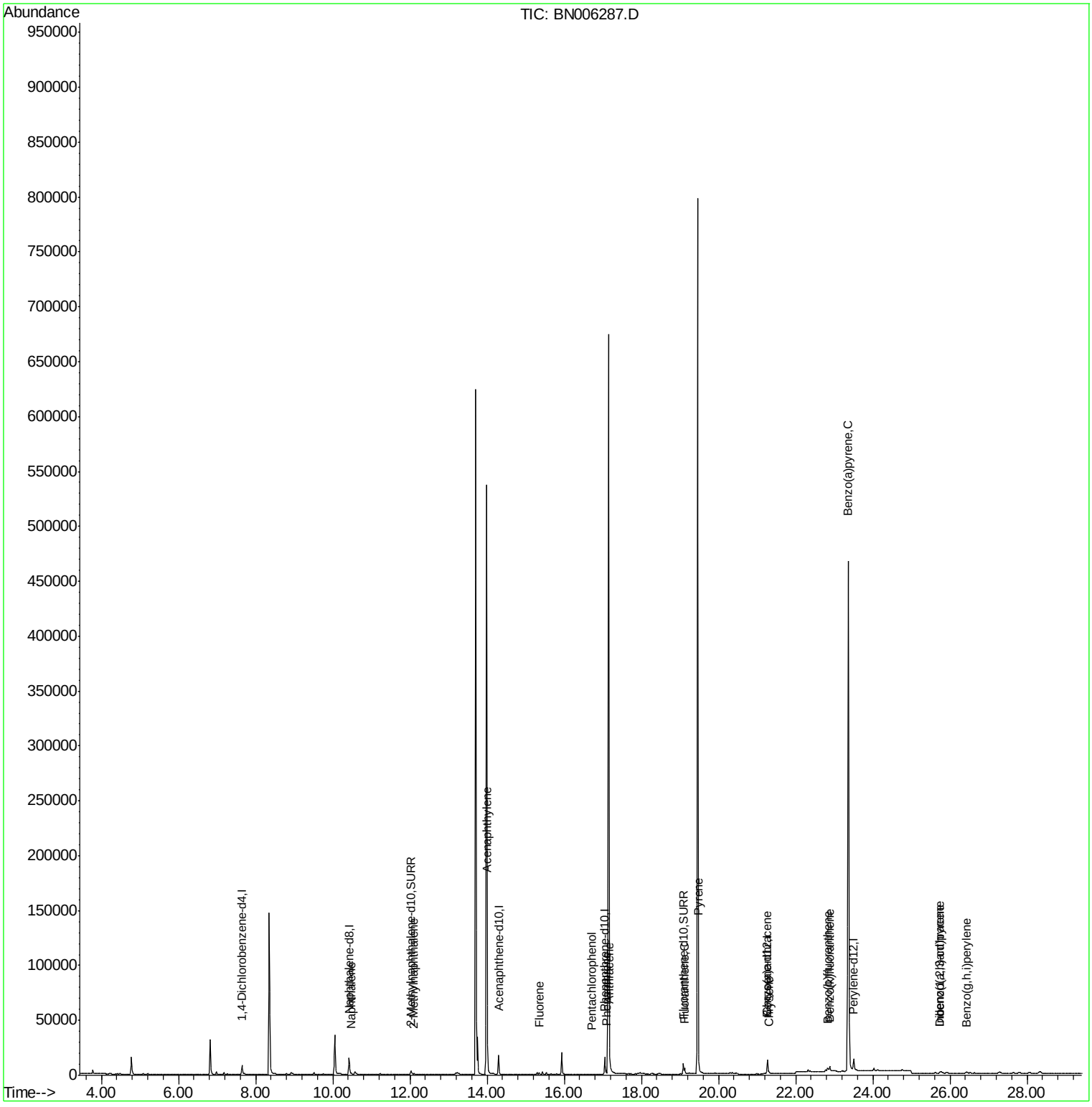

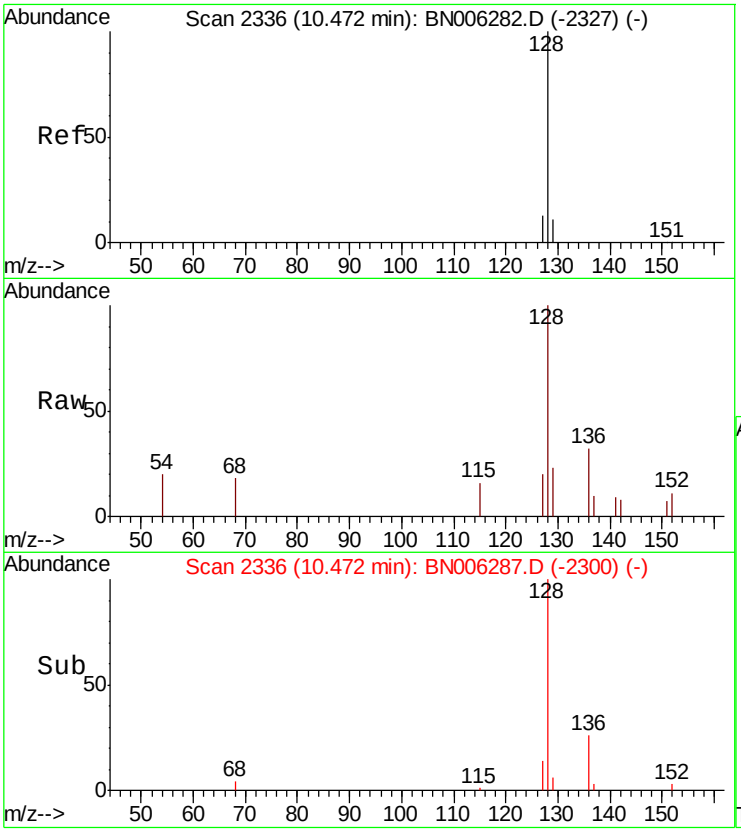

#3
Naphthalene
Concen: 0.024 ng/ul
RT: 10.47 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:128 Resp: 1285

Ion	Ratio	Lower	Upper
128	100		
129	22.6	9.3	13.9#
127	20.0	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
DB8L5

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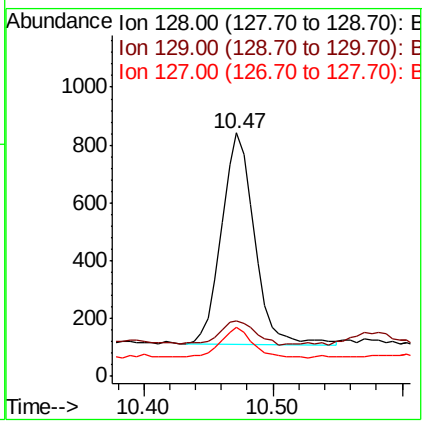
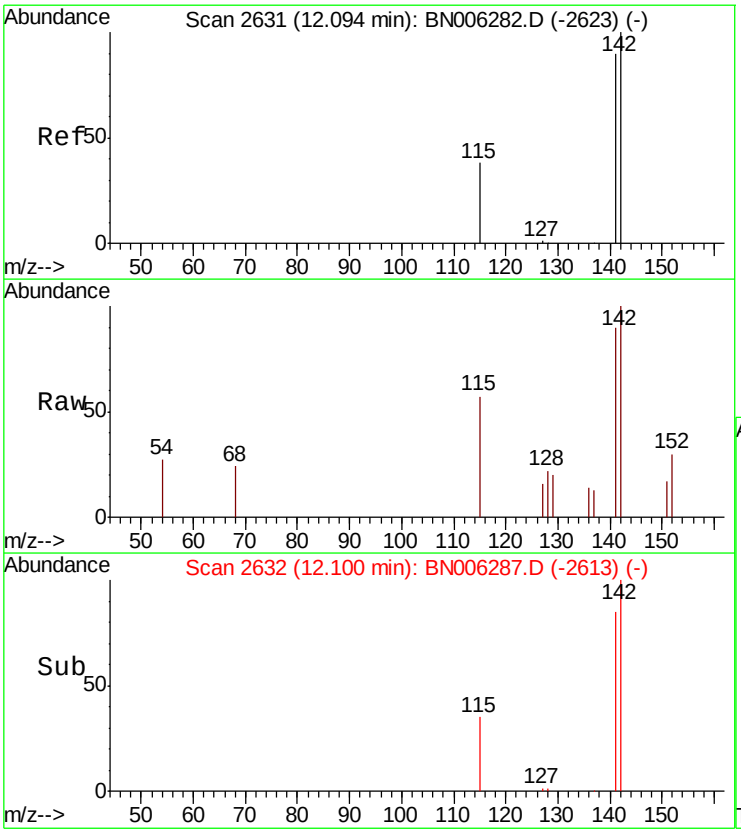
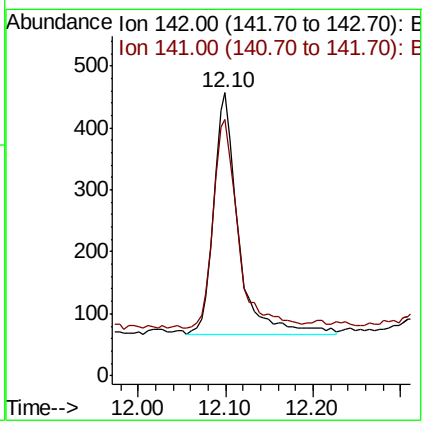


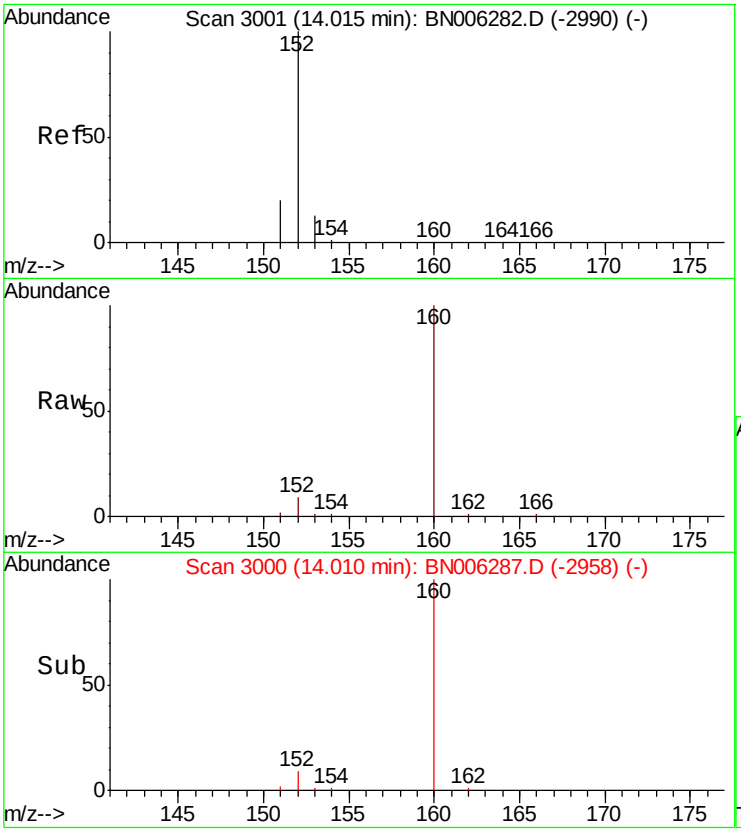


#5
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.10 min Scan# 2632
Delta R.T. 0.01 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:142 Resp: 775

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.3	105.5

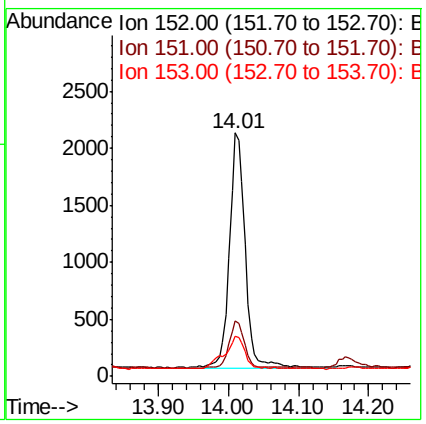




#7
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.01 min Scan# 3000
Delta R.T. -0.01 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:152 Resp: 3293

Ion	Ratio	Lower	Upper
152	100		
151	22.9	15.8	23.8
153	16.3	10.8	16.2#



Instrument :
BNA_N
ClientSampleId :
DB8L5

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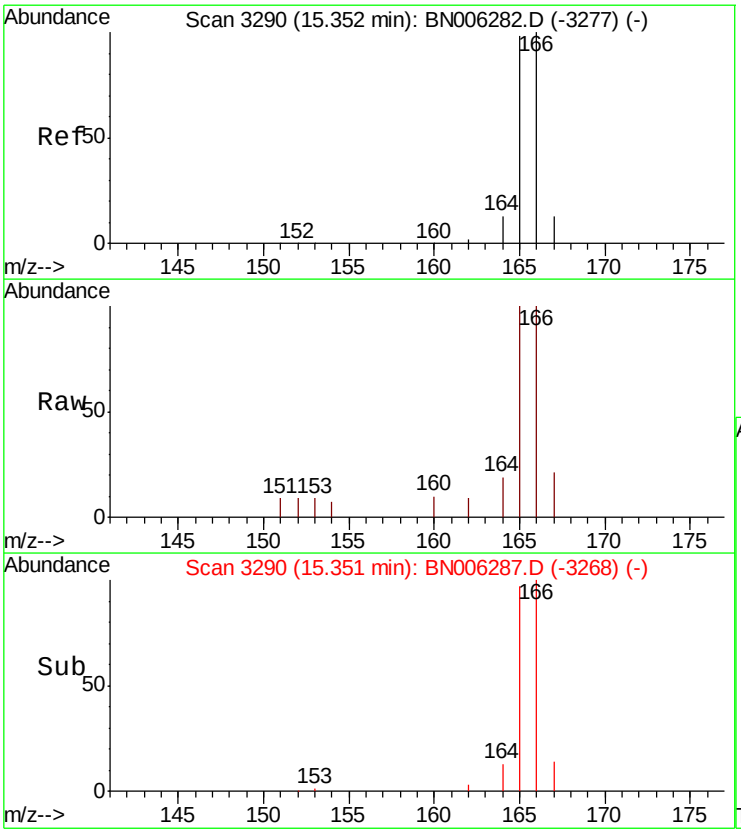
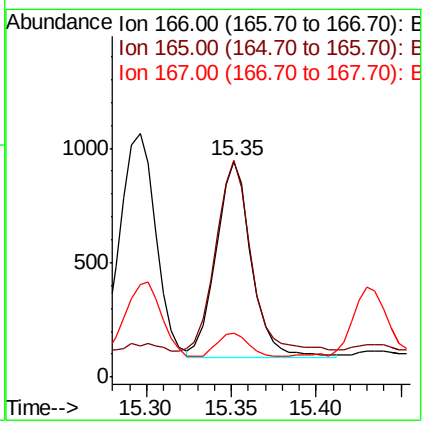
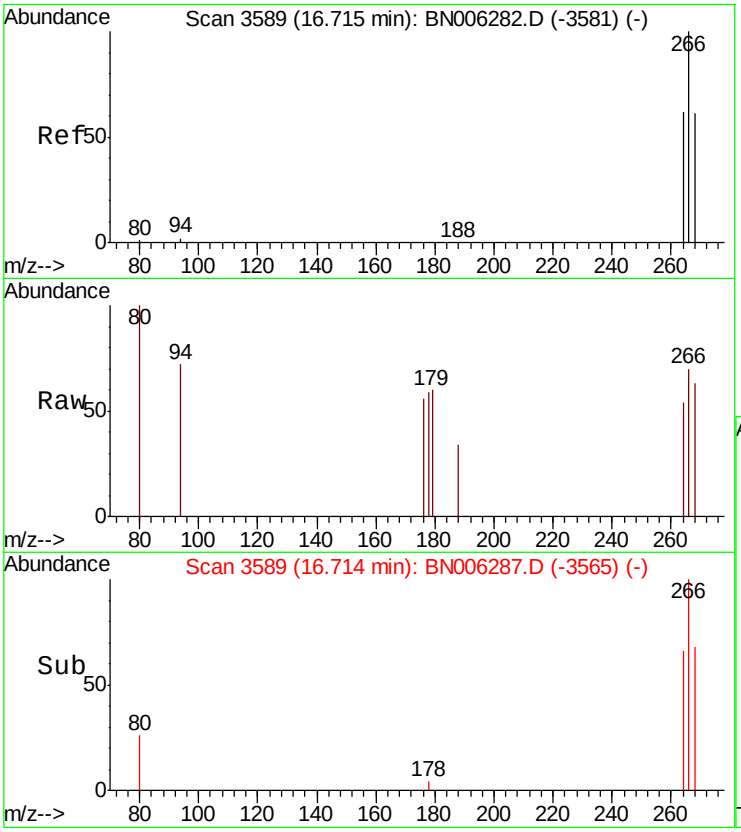


#9
Fluorene
Concen: 0.028 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:166 Resp: 1247

Ion	Ratio	Lower	Upper
166	100		
165	100.3	76.4	114.6
167	20.6	11.0	16.6#





#11
Pentachlorophenol
Concen: 0.033 ng/ul m
RT: 16.71 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:266 Resp: 151

Ion	Ratio	Lower	Upper
266	100		
264	4.0	50.3	75.5#
268	4.0	51.3	76.9#

Instrument :
BNA_N
ClientSampleId :
DB8L5

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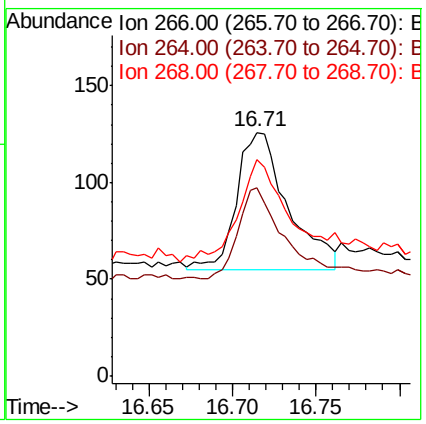
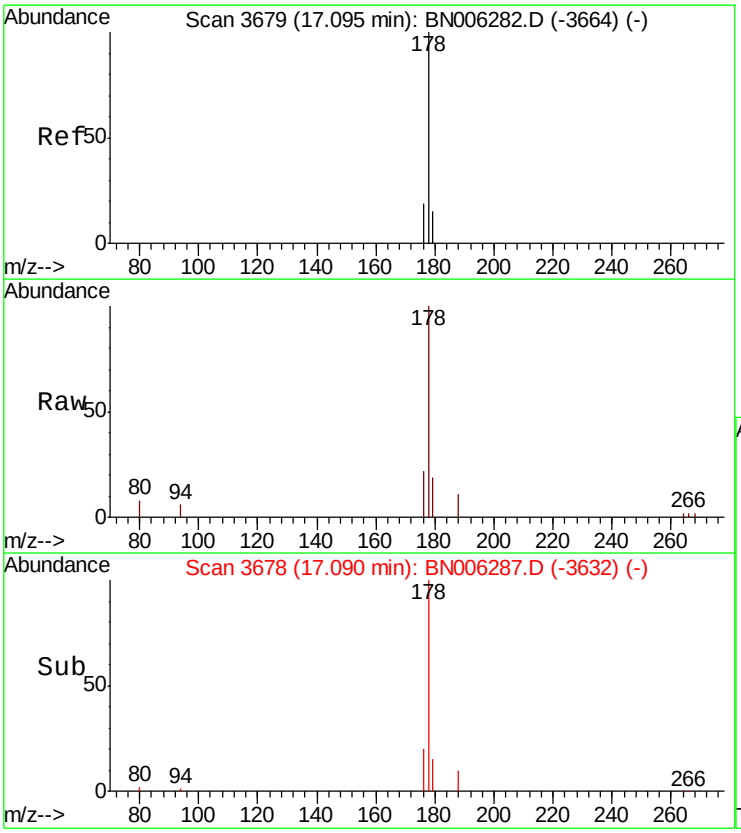
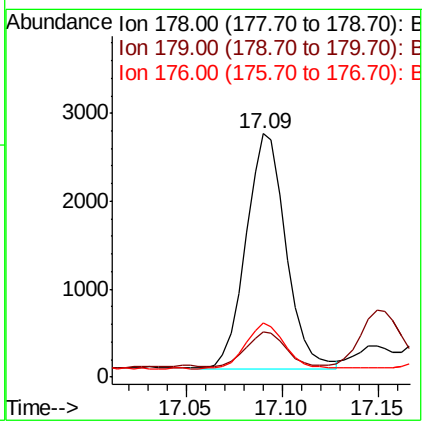


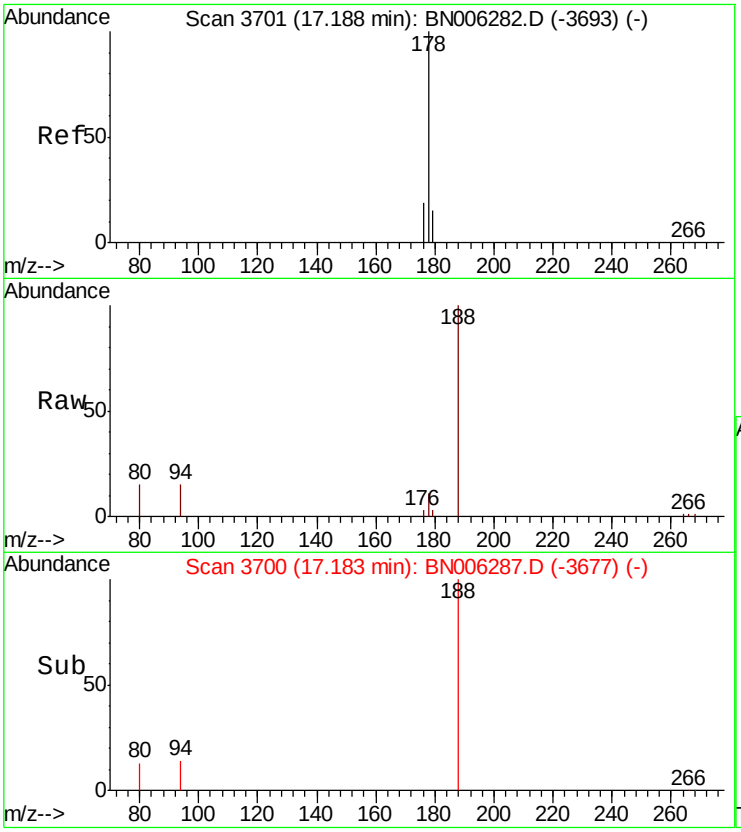


#12
Phenanthrene
Concen: 0.067 ng/ul m
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:178 Resp: 3851

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.3	18.5#
176	22.4	15.3	22.9

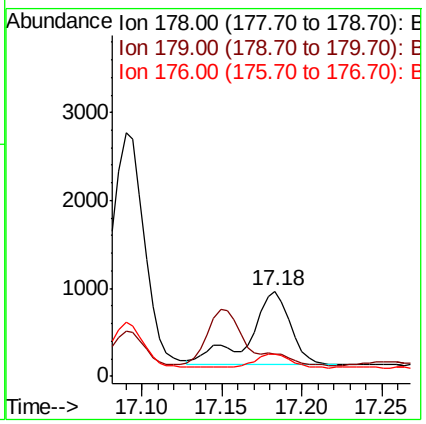




#13
Anthracene
Concen: 0.027 ng/ul m
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:178 Resp: 1505

Ion	Ratio	Lower	Upper
178	100		
179	26.4	12.2	18.4#
176	26.3	15.1	22.7#



Instrument :
BNA_N
ClientSampleId :
DB8L5

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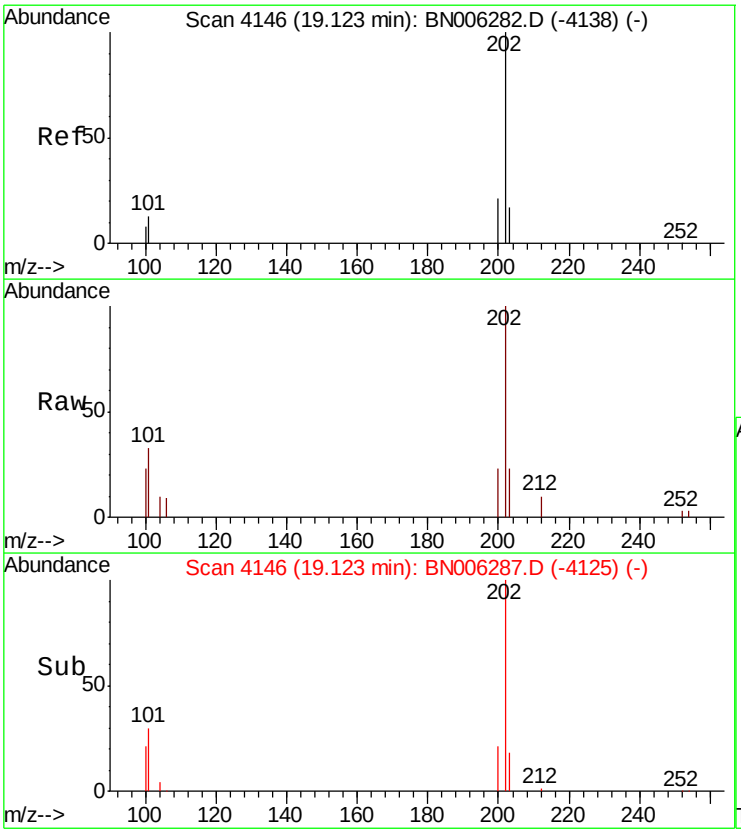
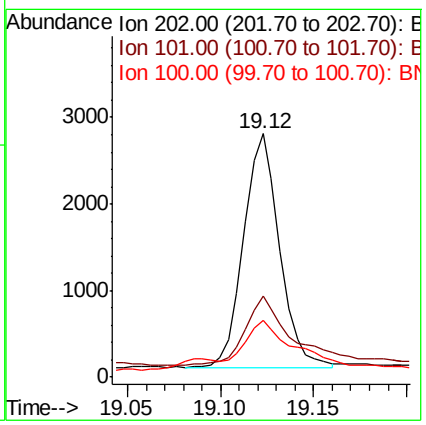
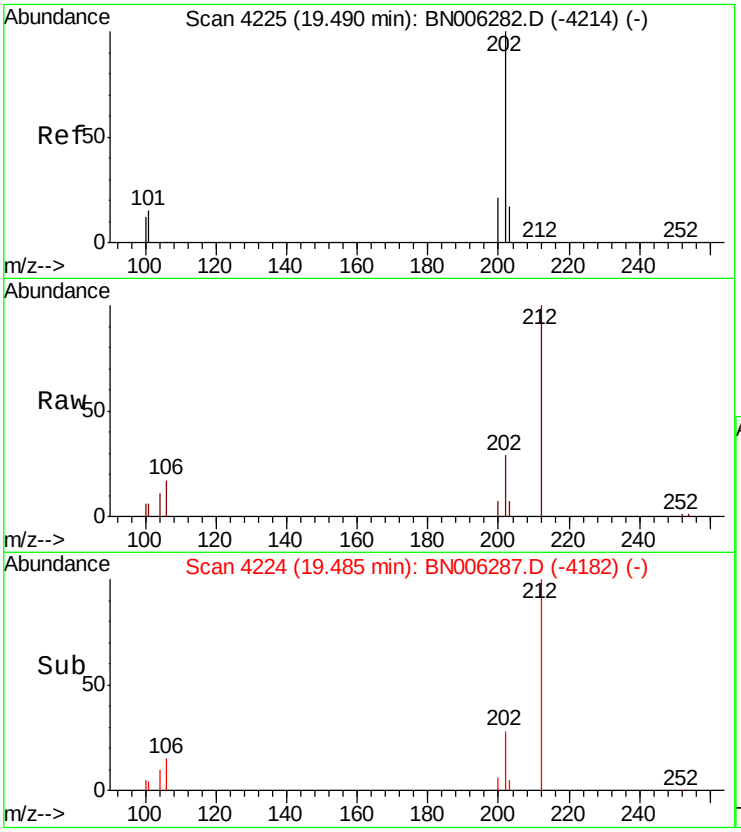


#15
Fluoranthene
Concen: 0.057 ng/ul m
RT: 19.12 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:202 Resp: 3644

Ion	Ratio	Lower	Upper
202	100		
101	33.3	0.0	32.1#
100	23.5	0.0	28.7





#17
Pyrene
Concen: 0.065 ng/ul m
RT: 19.49 min Scan# 4224
Delta R.T. -0.01 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:202 Resp: 3956

Ion	Ratio	Lower	Upper
202	100		
101	22.3	12.2	18.2#
100	20.1	9.8	14.6#

Instrument :
BNA_N
ClientSampleId :
DB8L5

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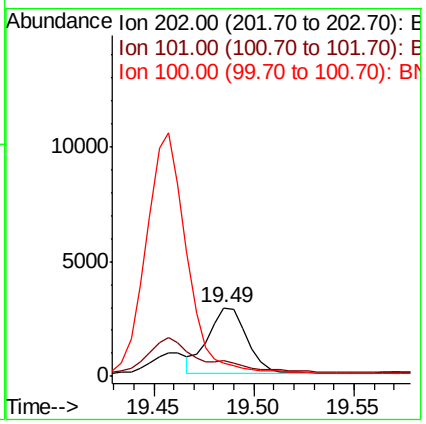
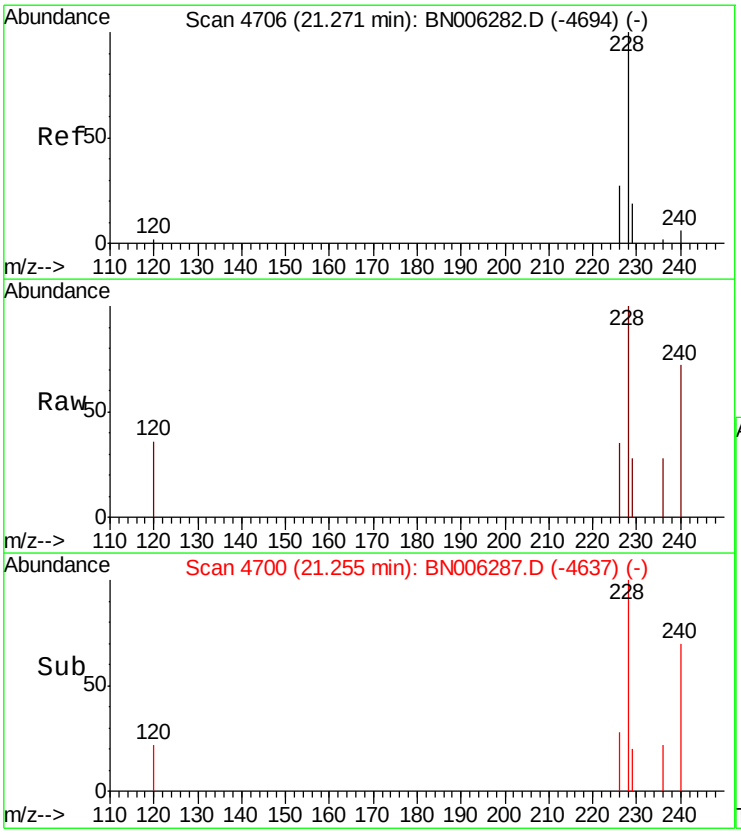
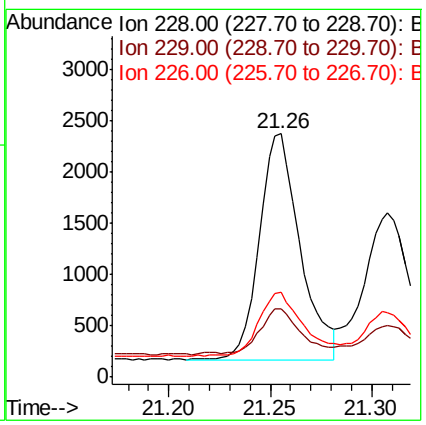


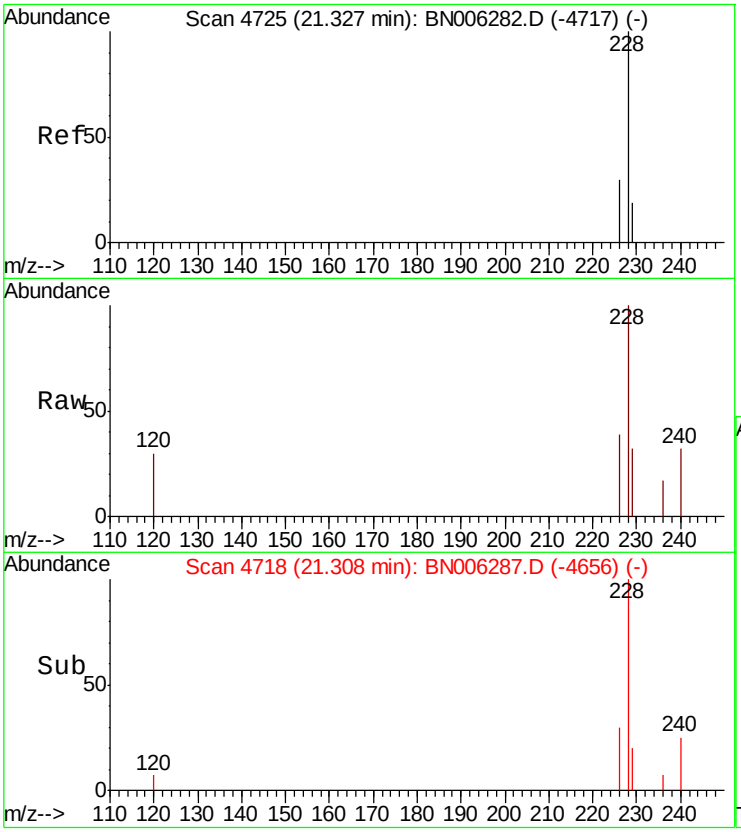


#18
Benzo(a)anthracene
Concen: 0.061 ng/ul m
RT: 21.26 min Scan# 4700
Delta R.T. -0.02 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:228 Resp: 3116

Ion	Ratio	Lower	Upper
228	100		
229	27.8	16.5	24.7#
226	34.8	22.8	34.2#





#19
Chrysene
Concen: 0.046 ng/ul
RT: 21.31 min Scan# 4718
Delta R.T. -0.02 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:228 Resp: 2209

Ion	Ratio	Lower	Upper
228	100		
226	39.4	25.0	37.6#
229	31.6	16.3	24.5#

Instrument :
BNA_N
ClientSampleId :
DB8L5

Manual Integrations APPROVED
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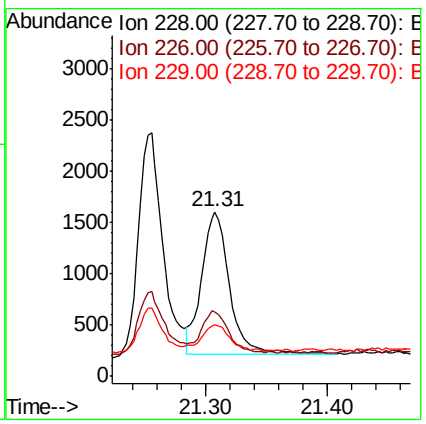
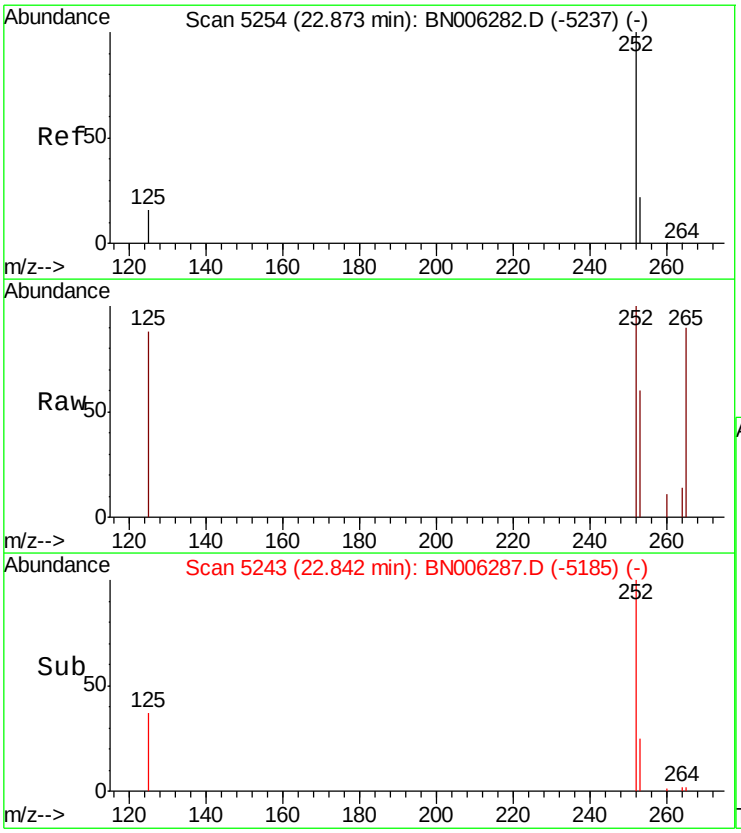
6/14/2019 8:34:02 AM

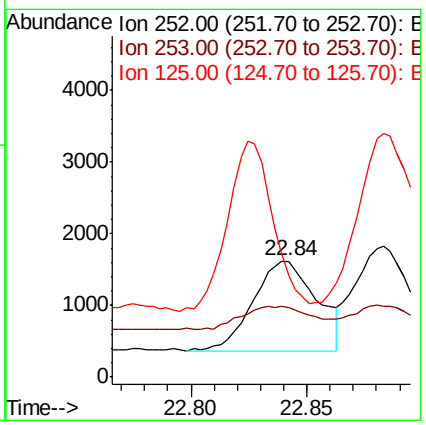


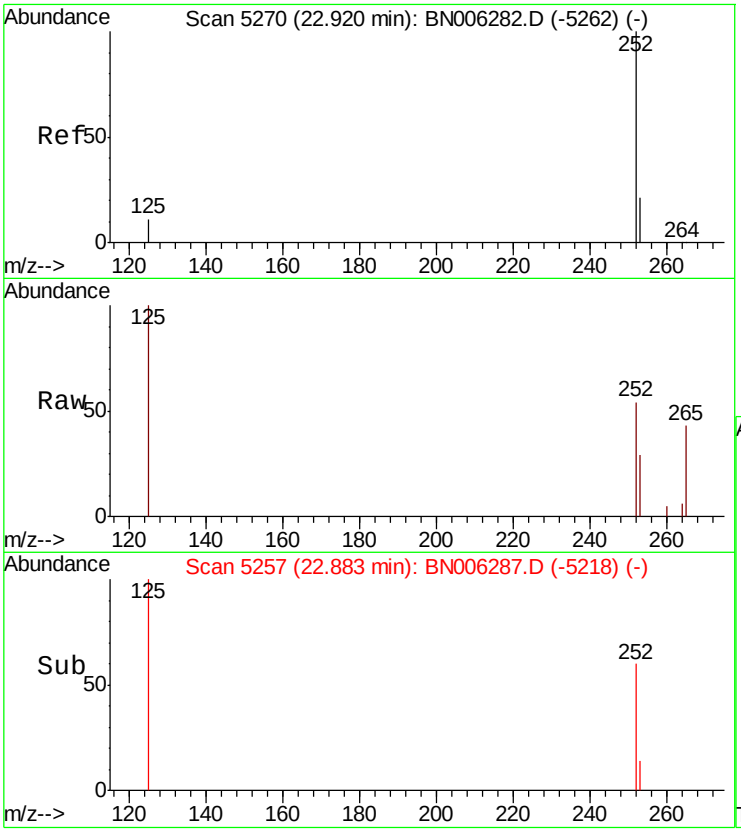


#21
Benzo(b)fluoranthene
Concen: 0.034 ng/ul
RT: 22.84 min Scan# 5243
Delta R.T. -0.03 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:252 Resp: 2365

Ion	Ratio	Lower	Upper
252	100		
253	60.0	0.0	51.4#
125	88.0	0.0	41.0#





#22
Benzo(k)fluoranthene
Concen: 0.038 ng/ul
RT: 22.88 min Scan# 5257
Delta R.T. -0.04 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:252 Resp: 2543

Ion	Ratio	Lower	Upper
252	100		
253	54.1	20.3	30.5#
125	185.3	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
DB8L5

Manual Integrations APPROVED
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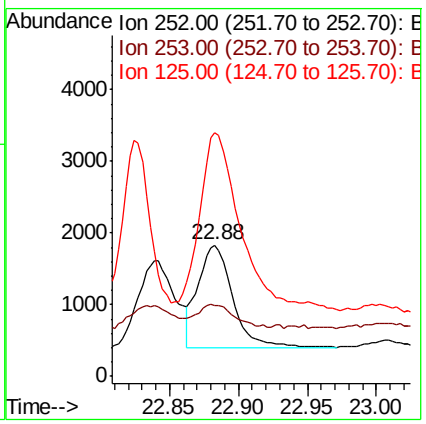
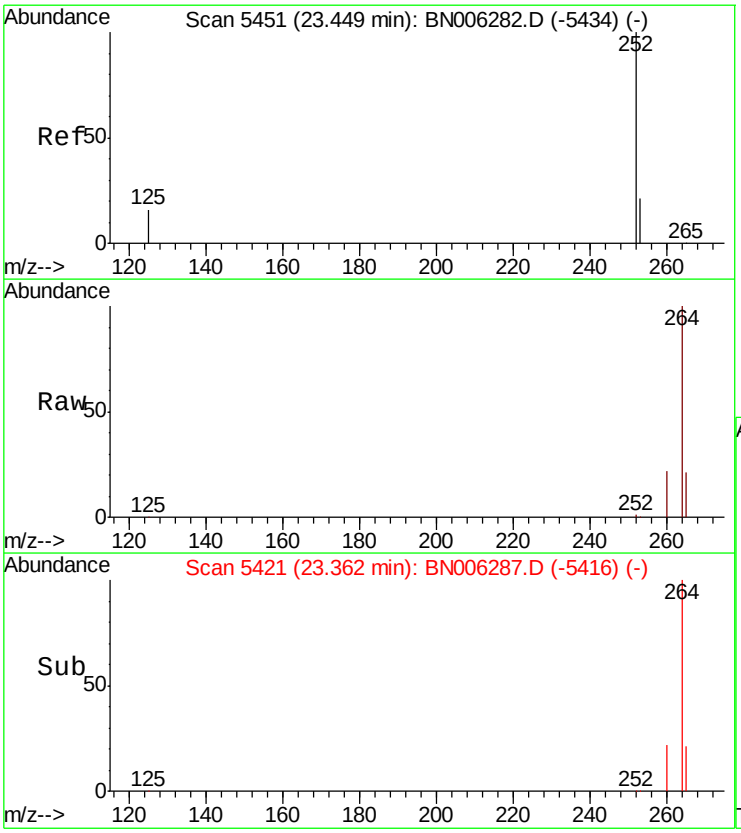
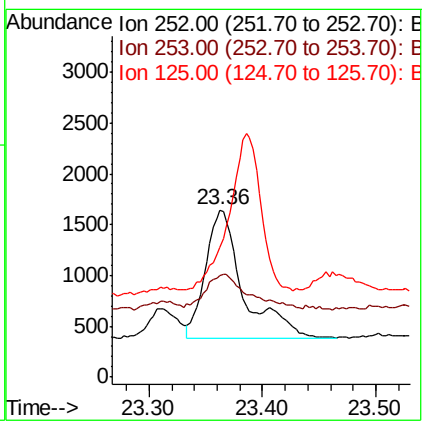


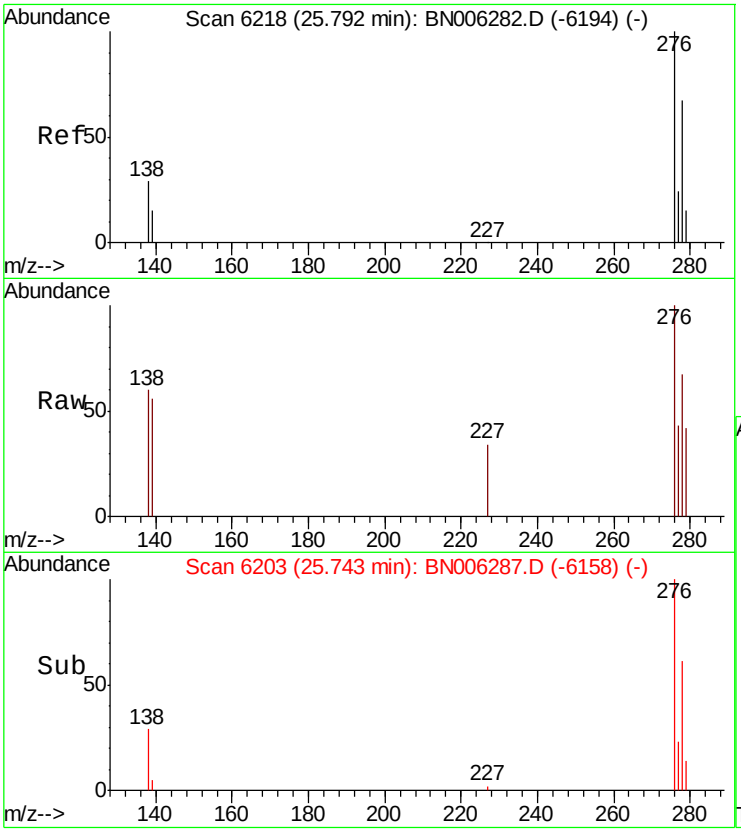


#23
Benzo(a)pyrene
Concen: 0.046 ng/ul
RT: 23.36 min Scan# 5421
Delta R.T. -0.09 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:252 Resp: 2935

Ion	Ratio	Lower	Upper
252	100		
253	60.9	21.1	31.7#
125	78.0	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng/ul
RT: 25.74 min Scan# 6203
Delta R.T. -0.05 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:276 Resp: 2426

Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.6	38.4
227	0.0	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
DB8L5

Manual Integrations APPROVED
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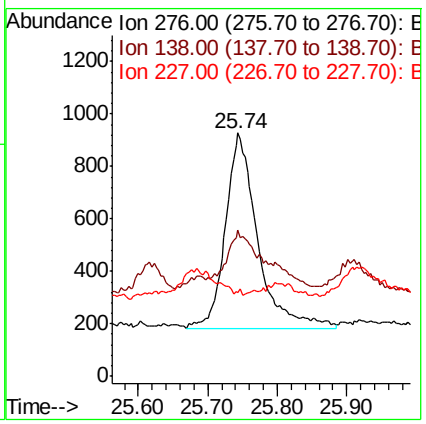
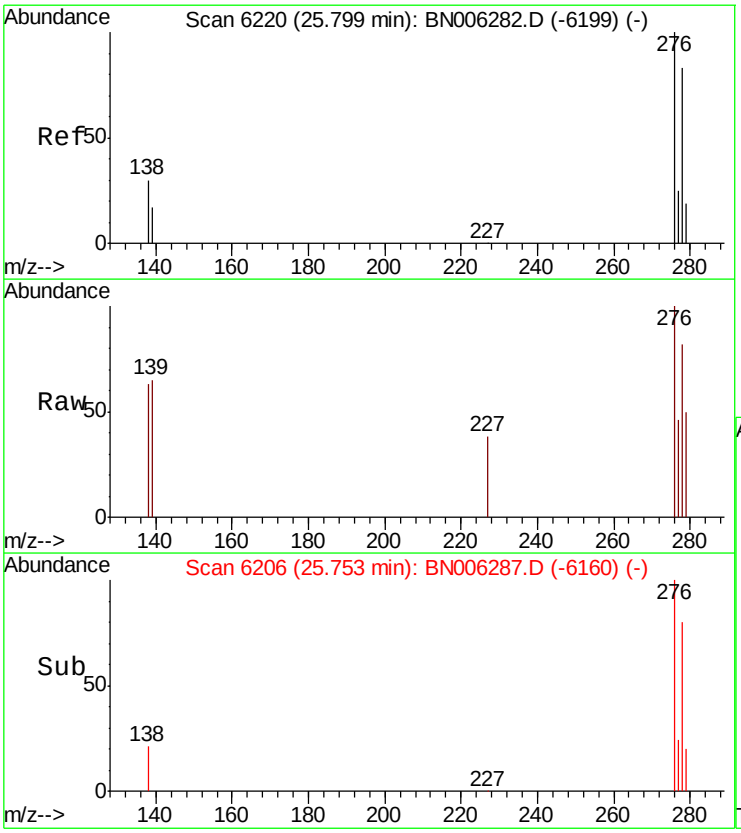
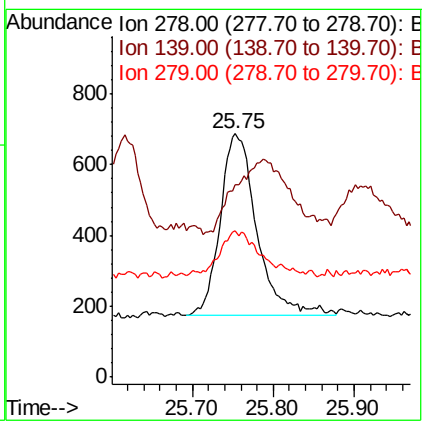


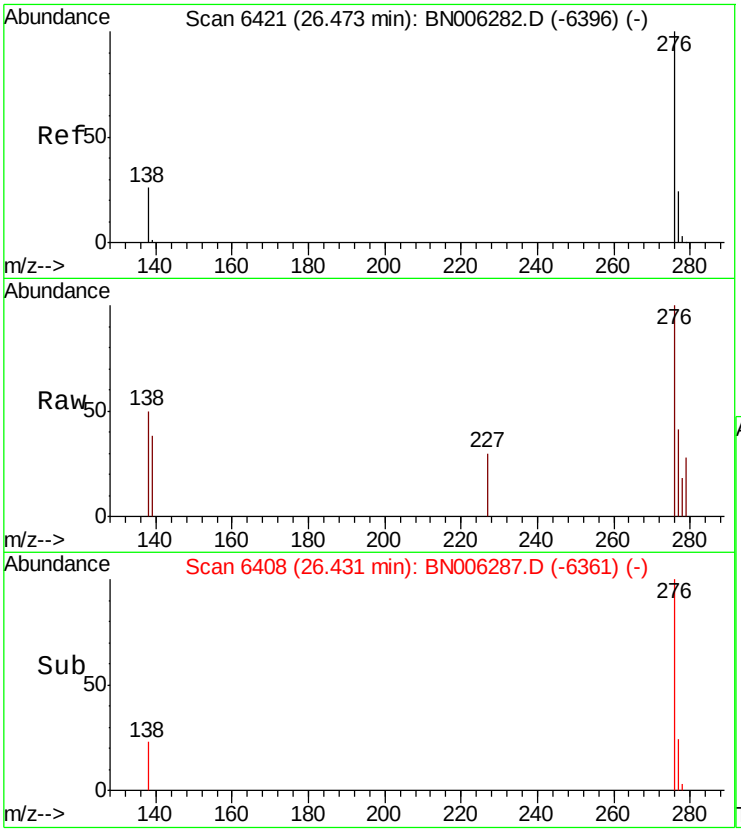


#25
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 25.75 min Scan# 6206
Delta R.T. -0.05 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:278 Resp: 1627

Ion	Ratio	Lower	Upper
278	100		
139	78.9	21.2	31.8#
279	60.3	22.6	33.8#

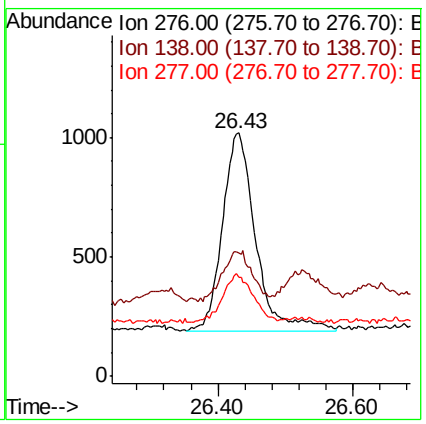




#26
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 26.43 min Scan# 6408
Delta R.T. -0.04 min
Lab File: BN006287.D
Acq: 12 Jun 2019 19:02

Tgt Ion:276 Resp: 2833

Ion	Ratio	Lower	Upper
276	100		
138	50.5	24.2	36.4#
277	40.7	21.5	32.3#



Instrument :
BNA_N
ClientSampleId :
DB8L5

Manual Integrations APPROVED
mohammad
6/14/2019 8:34:02 AM