Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006173.D
Acq On : 07 Jun 2019 18:45
Operator : JU/SJ
Sample : K3201-09DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC0DL

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:43 PM

Quant Time: Jun 08 02:55:53 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5090	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19307	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9853	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20947	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	17679	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	23817	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1497	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	3543	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	5157	0.097	ng/ul#	95
5) 2-Methylnaphthalene	12.10	142	1841	0.050	ng/ul	98
7) Acenaphthylene	14.01	152	27861	0.509	ng/ul	100
8) Acenaphthene	14.36	153	3861	0.102	ng/ul	99
9) Fluorene	15.35	166	4381	0.099	ng/ul#	95
12) Phenanthrene	17.09	178	117850	1.753	ng/ul	100
13) Anthracene	17.18	178	32732	0.510	ng/ul	99
15) Fluoranthene	19.12	202	312570	4.210	ng/ul	98
17) Pyrene	19.49	202	283832	3.048	ng/ul	99
18) Benzo(a)anthracene	21.26	228	155794	1.992	ng/ul	99
19) Chrysene	21.31	228	170218	2.319	ng/ul	98
21) Benzo(b)fluoranthene	22.84	252	245784m	2.475	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	95597m	0.988	ng/ul	
23) Benzo(a)pyrene	23.42	252	152555	1.649	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.75	276	127017	1.269	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.75	278	30476	0.381	ng/ul	95
26) Benzo(g,h,i)perylene	26.43	276	99363	1.185	ng/ul	94

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

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Manual Integrations APPROVED
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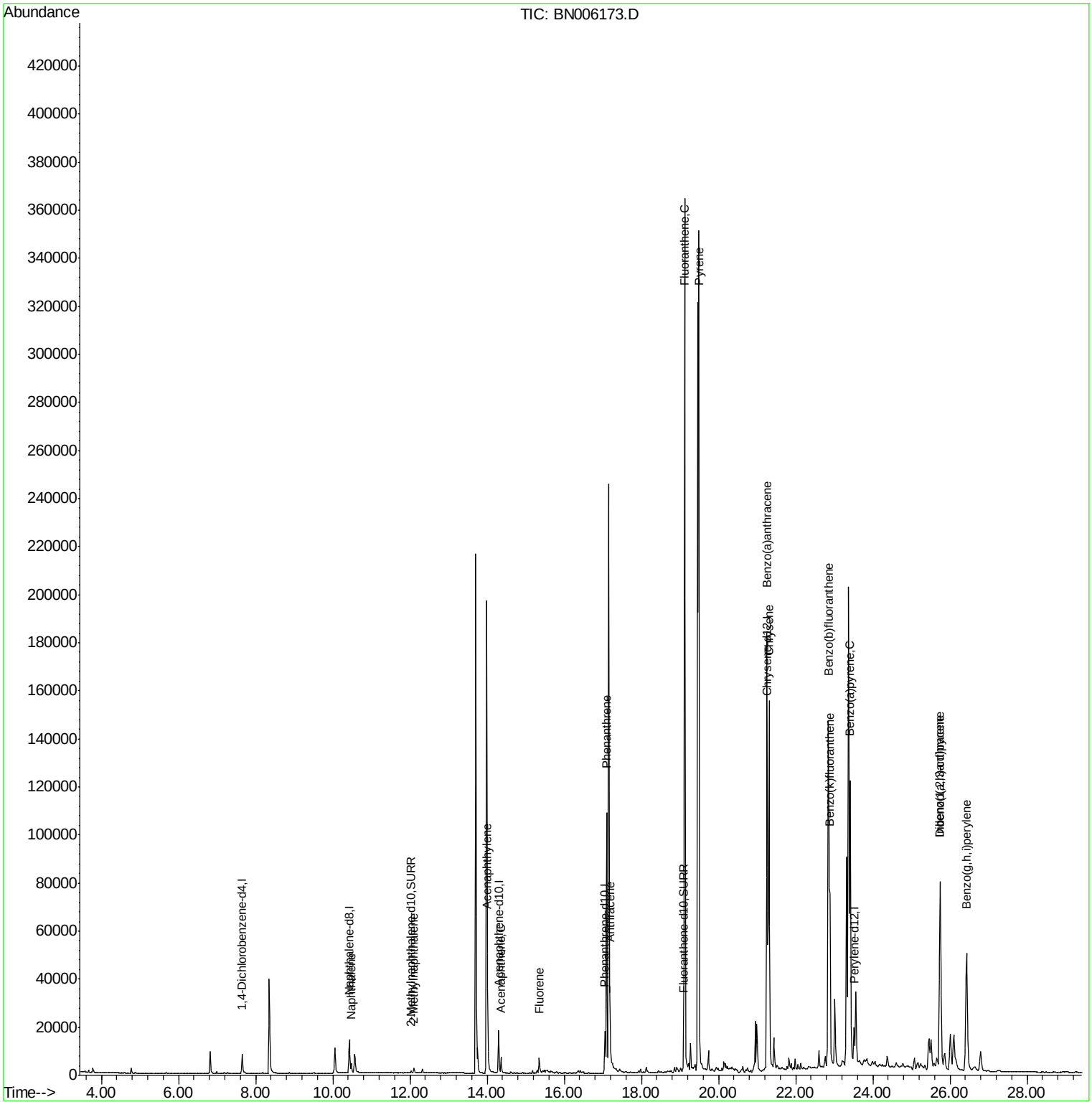

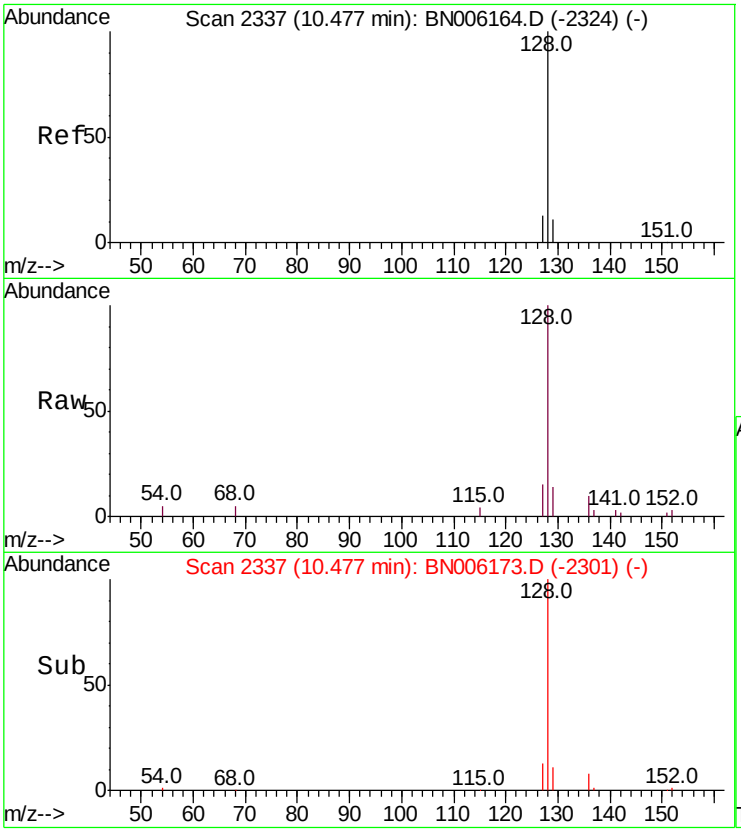

#3
Naphthalene
Concen: 0.097 ng/ul
RT: 10.48 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:128 Resp: 5157

Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.3	13.9#
127	14.5	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
C0AC0DL

Manual Integrations APPROVED
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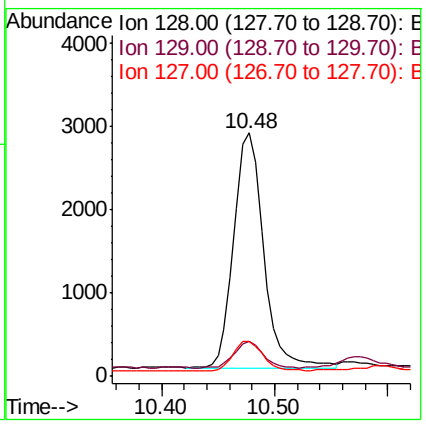
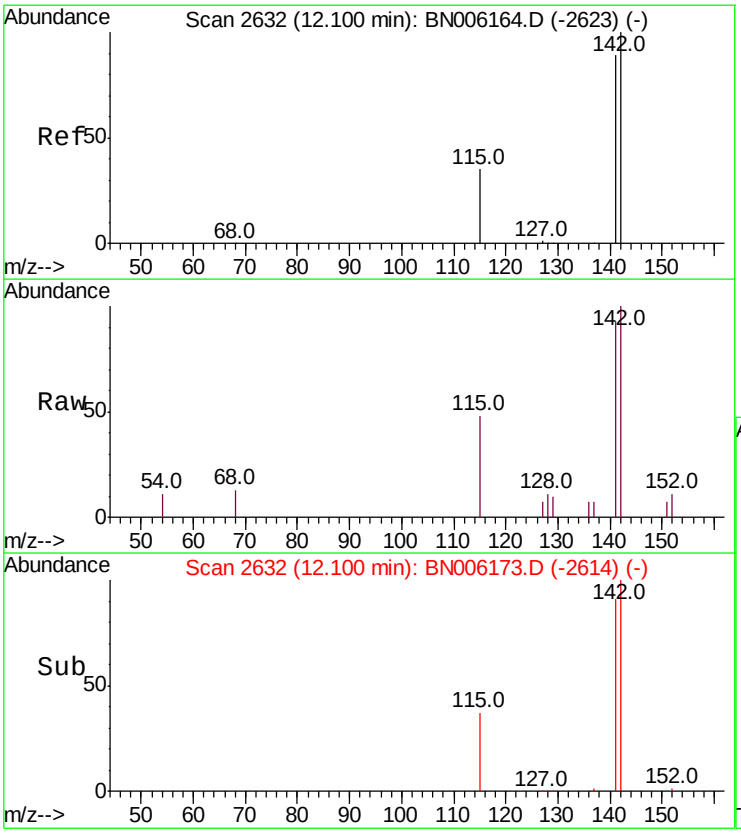
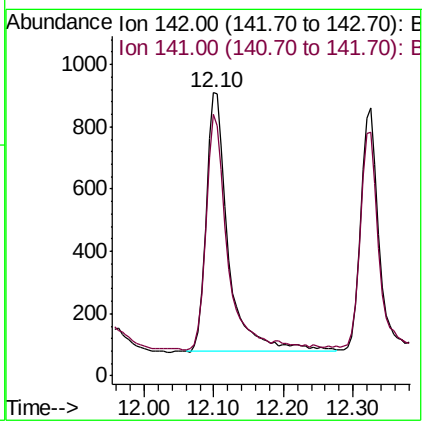


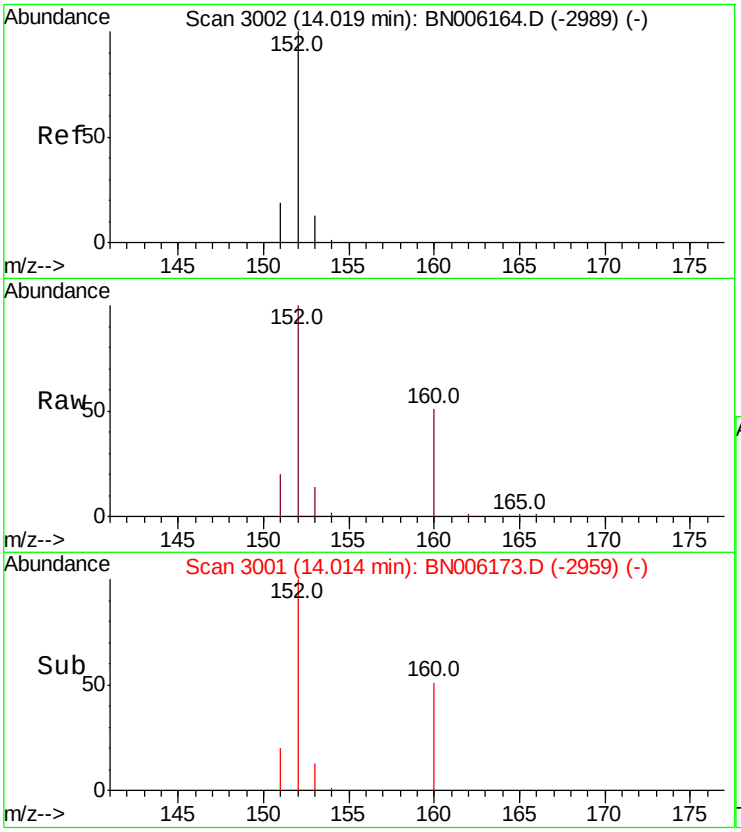


#5
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.10 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:142 Resp: 1841

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5

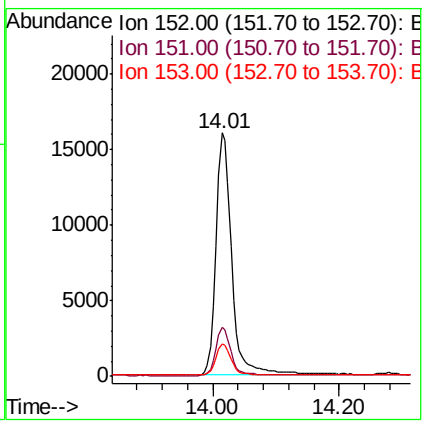




#7
Acenaphthylene
Concen: 0.509 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:152 Resp: 27861

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.5	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AC0DL

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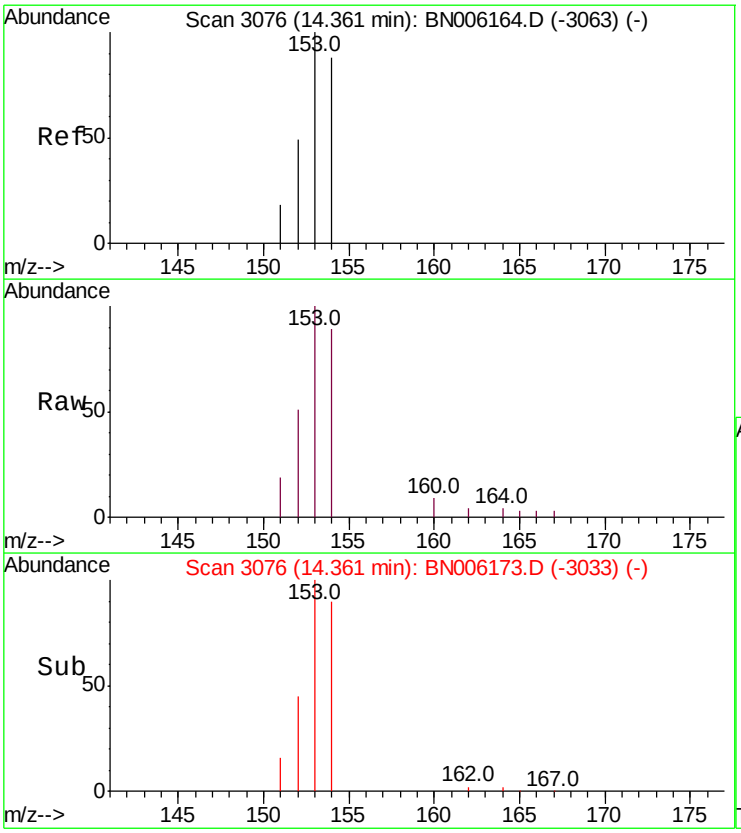
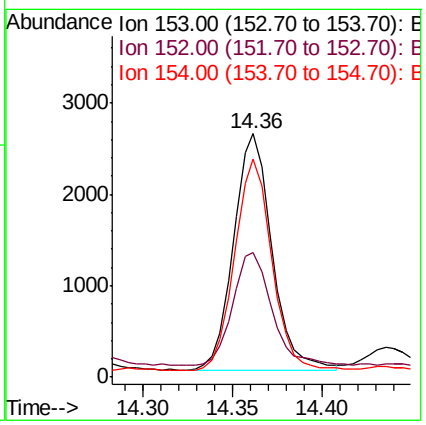
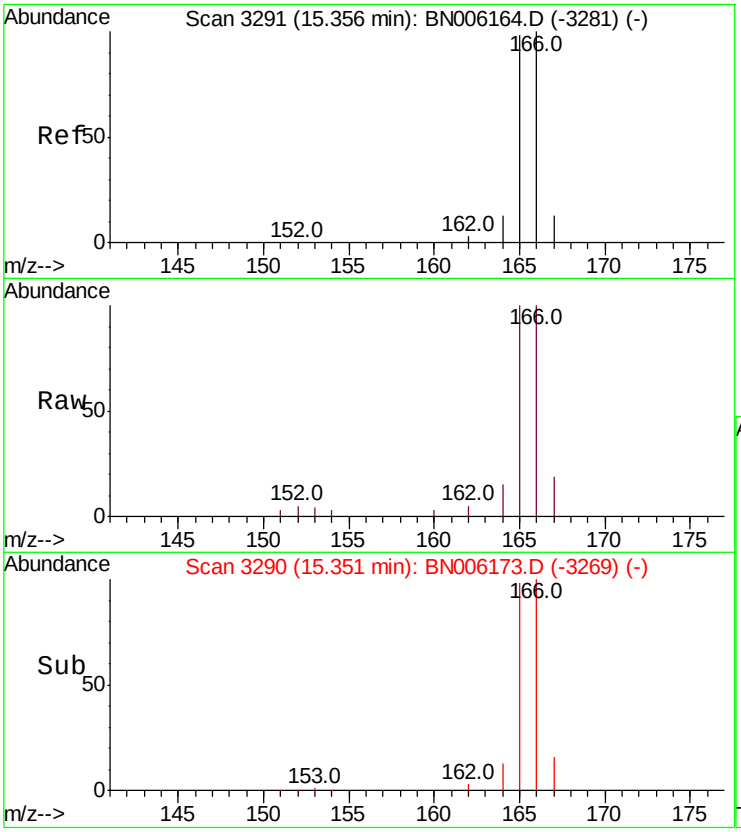


#8
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.36 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:153 Resp: 3861

Ion	Ratio	Lower	Upper
153	100		
152	51.0	39.1	58.7
154	89.5	71.1	106.7





#9
Fluorene
Concen: 0.099 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:166 Resp: 4381

Ion	Ratio	Lower	Upper
166	100		
165	99.5	76.4	114.6
167	18.7	11.0	16.6#

Instrument :
BNA_N
ClientSampleId :
C0AC0DL

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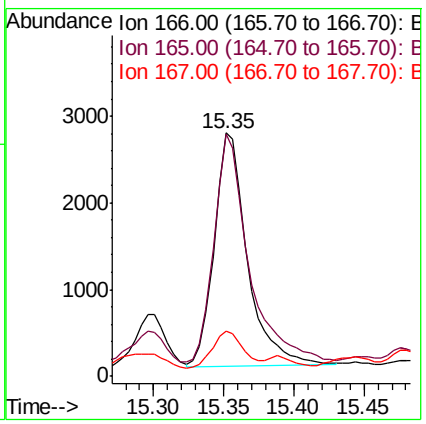
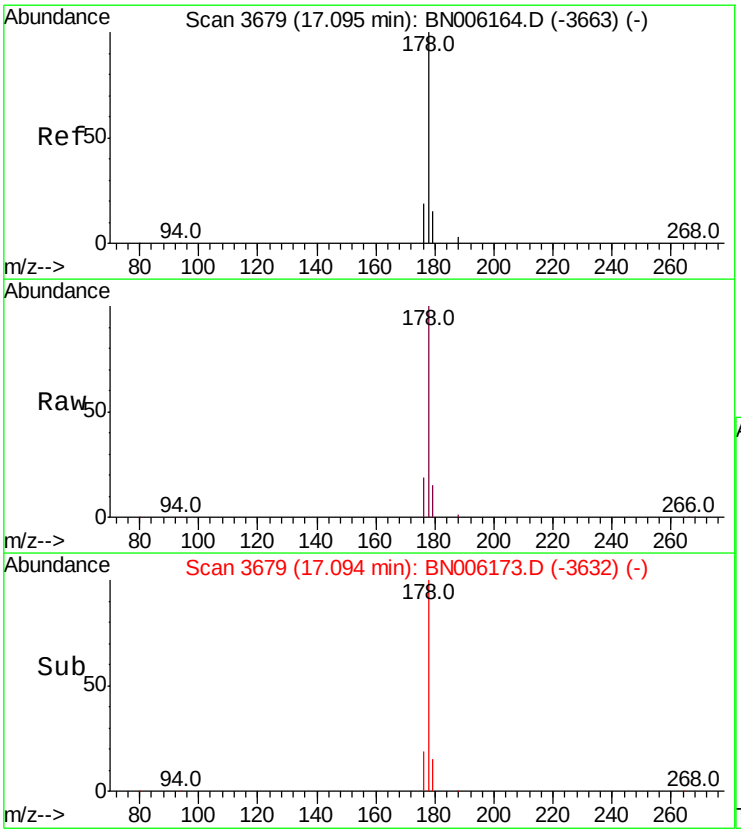
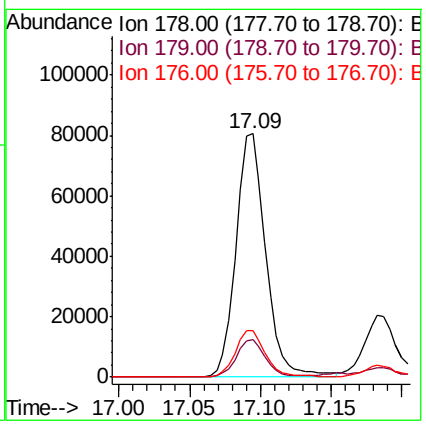


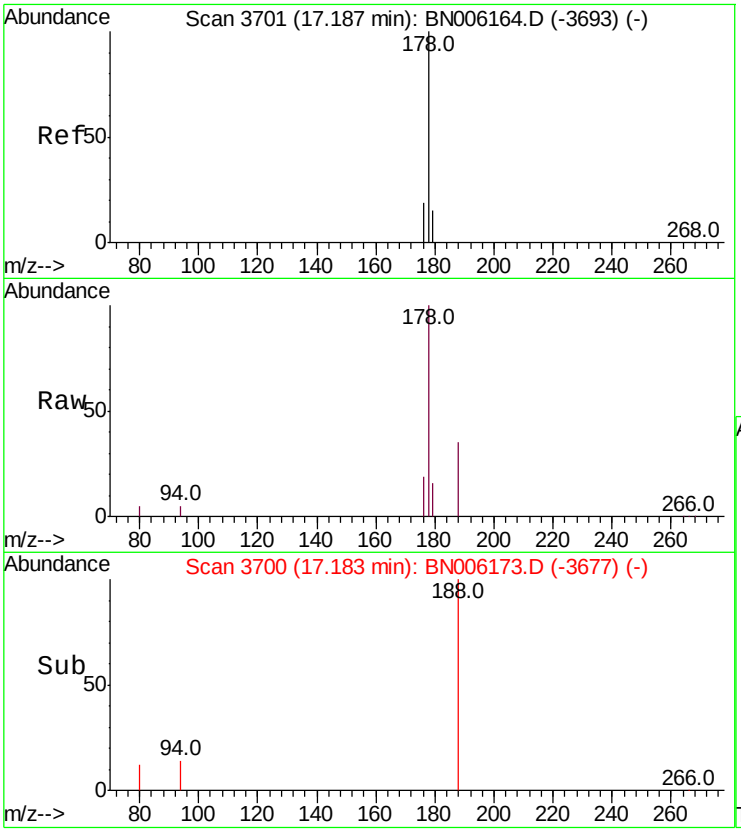


#12
Phenanthrene
Concen: 1.753 ng/ul
RT: 17.09 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:178 Resp: 117850

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.1	15.3	22.9

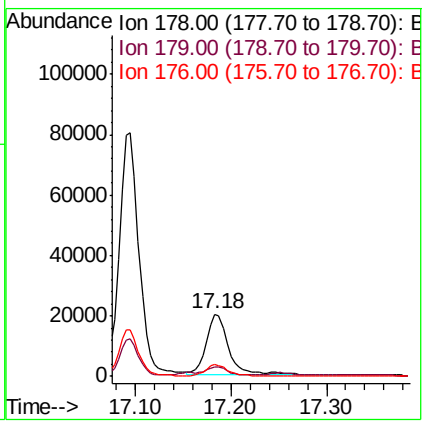




#13
Anthracene
Concen: 0.510 ng/ul
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:178 Resp: 32732

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	18.9	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
C0AC0DL

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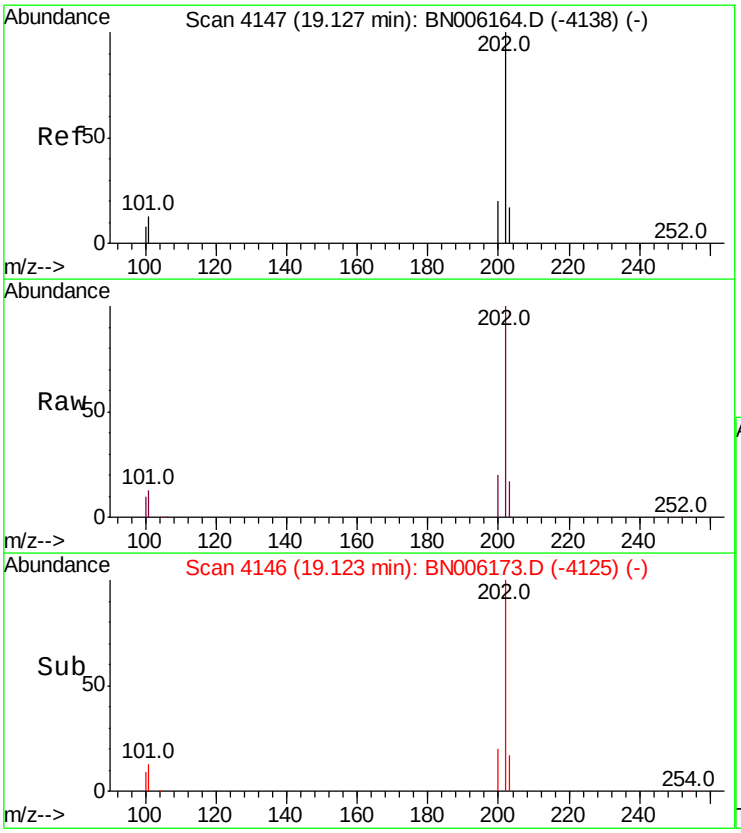
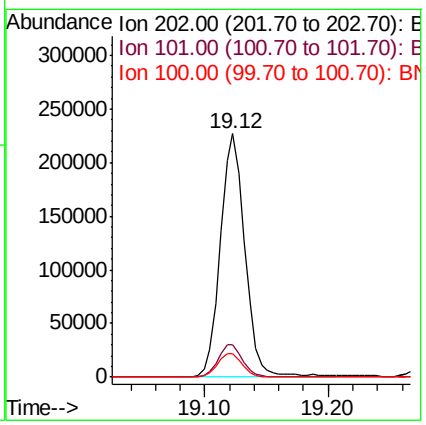
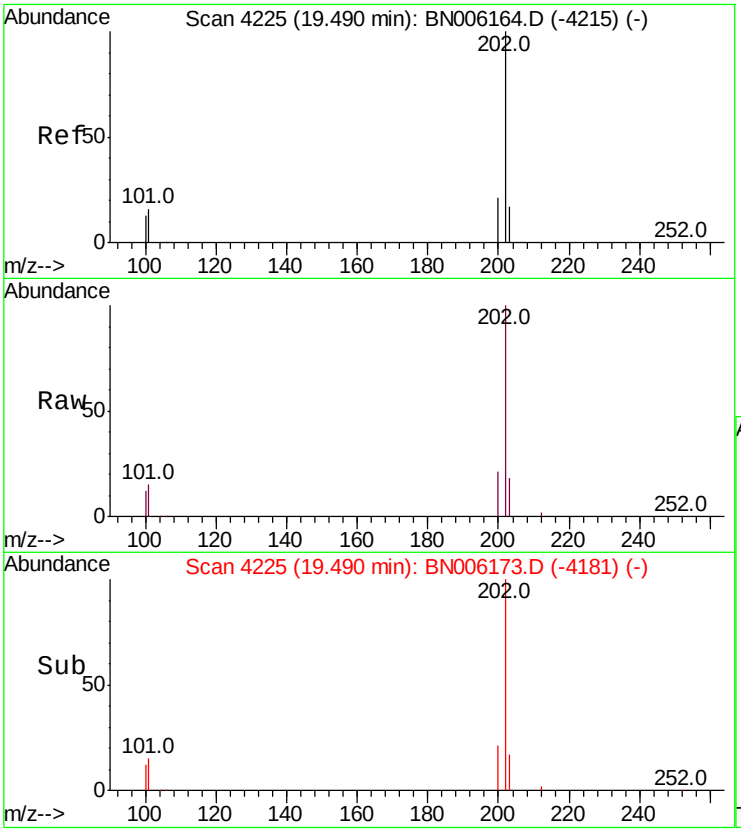


#15
Fluoranthene
Concen: 4.210 ng/ul
RT: 19.12 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:202 Resp: 312570

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.1
100	9.5	0.0	28.7





#17
Pyrene
Concen: 3.048 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:202 Resp: 283832

Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.2	18.2
100	11.5	9.8	14.6

Instrument :
BNA_N
ClientSampleId :
C0AC0DL

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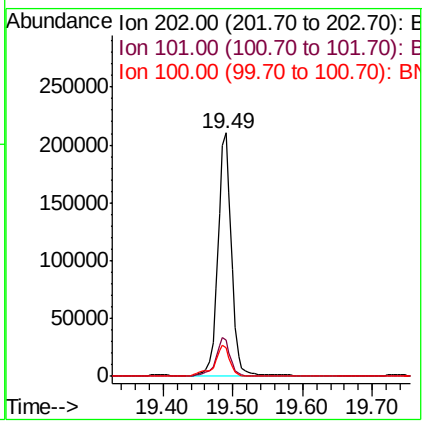
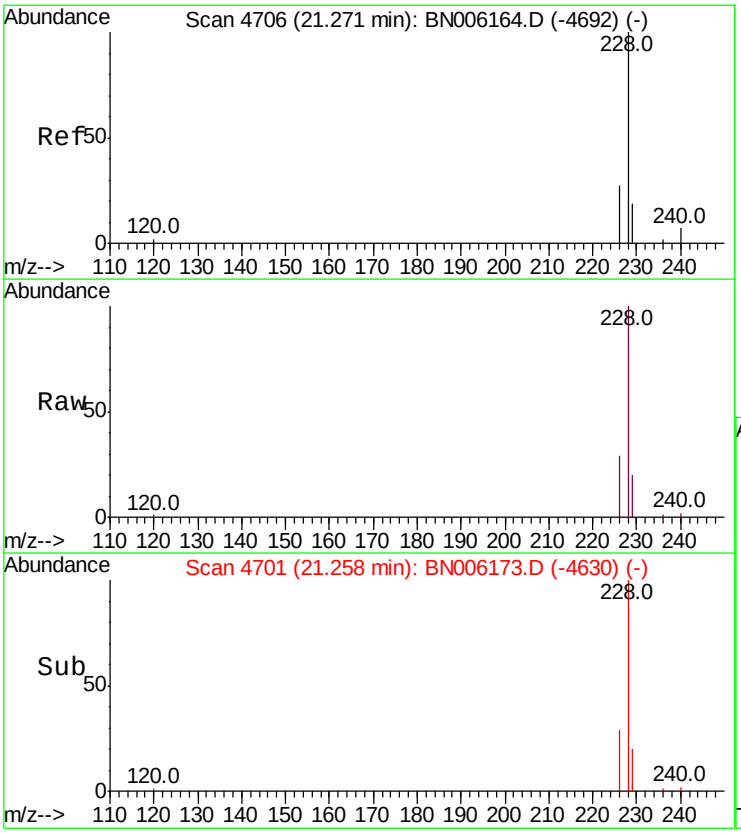
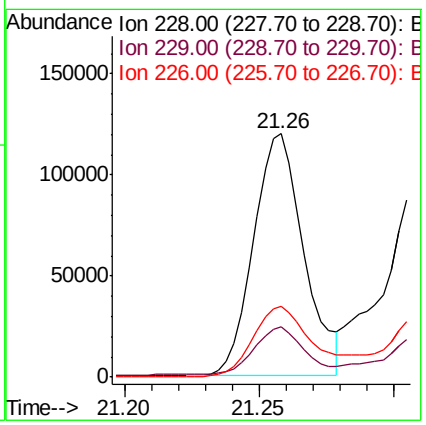


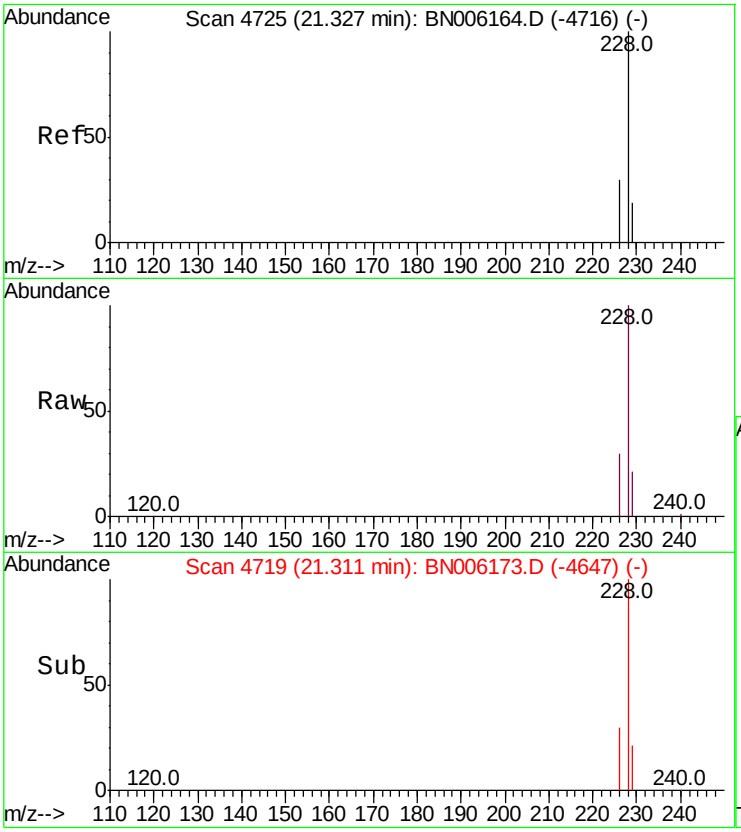


#18
Benzo(a)anthracene
Concen: 1.992 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. 0.01 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:228 Resp: 155794

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.5	24.7
226	29.1	22.8	34.2

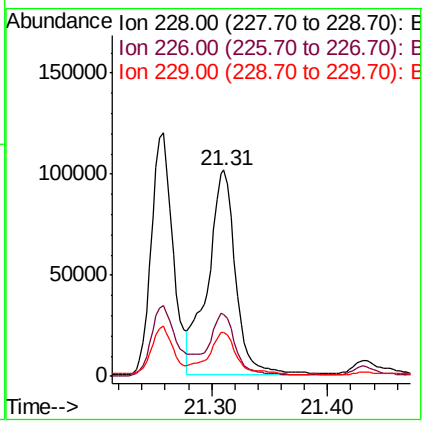




#19
Chrysene
Concen: 2.319 ng/ul
RT: 21.31 min Scan# 4719
Delta R.T. 0.01 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:228 Resp: 170218

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.5	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
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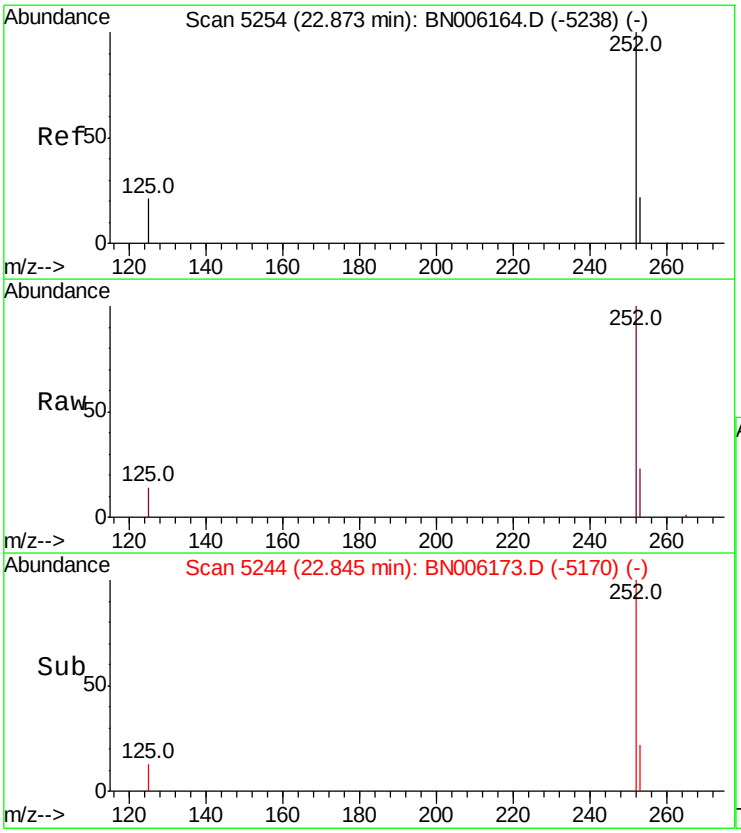
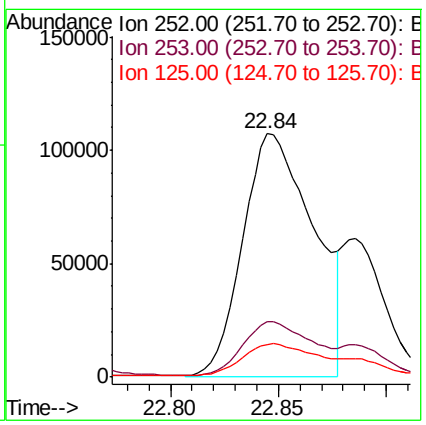
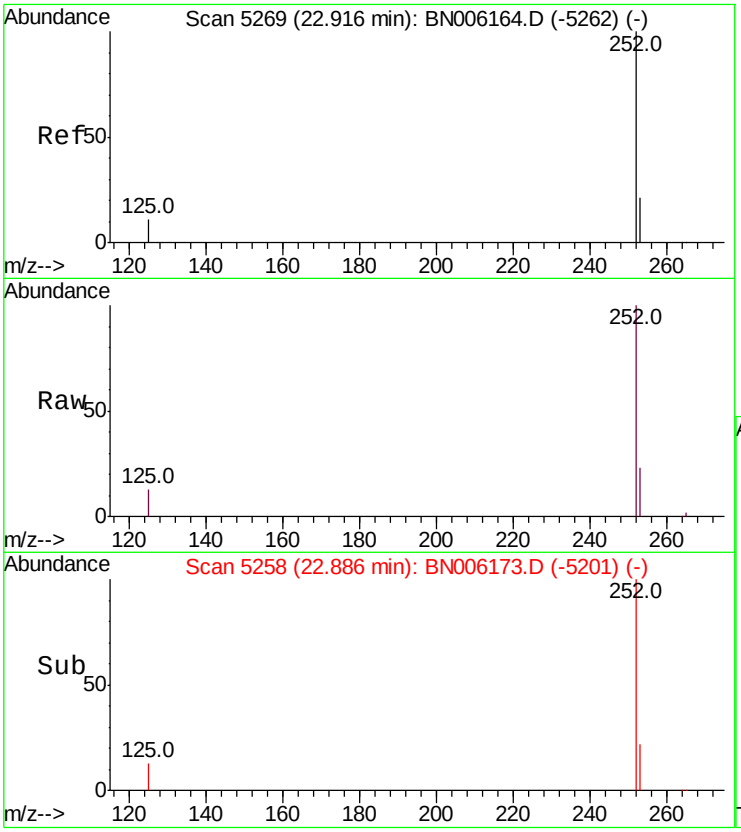


#21
Benzo(b)fluoranthene
Concen: 2.475 ng/ul m
RT: 22.84 min Scan# 5244
Delta R.T. 0.02 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:252 Resp: 245784

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	51.4
125	13.5	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 0.988 ng/ul m
RT: 22.89 min Scan# 5258
Delta R.T. 0.02 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:252 Resp: 95597

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.3	30.5
125	13.5	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
C0AC0DL

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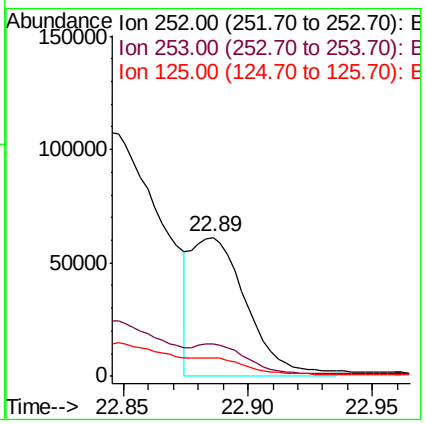
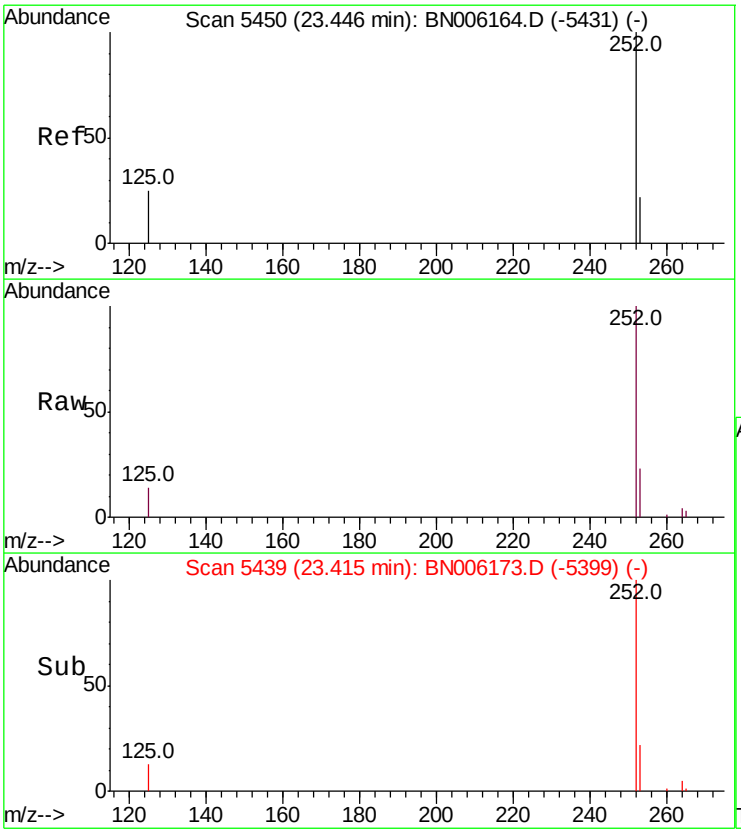
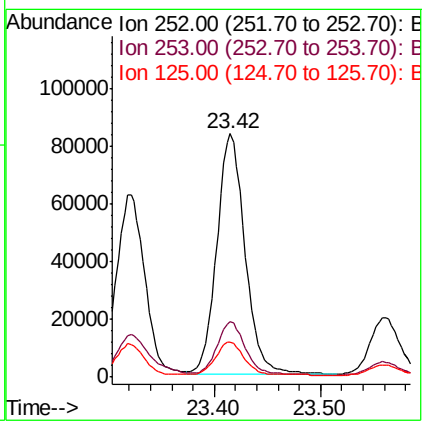


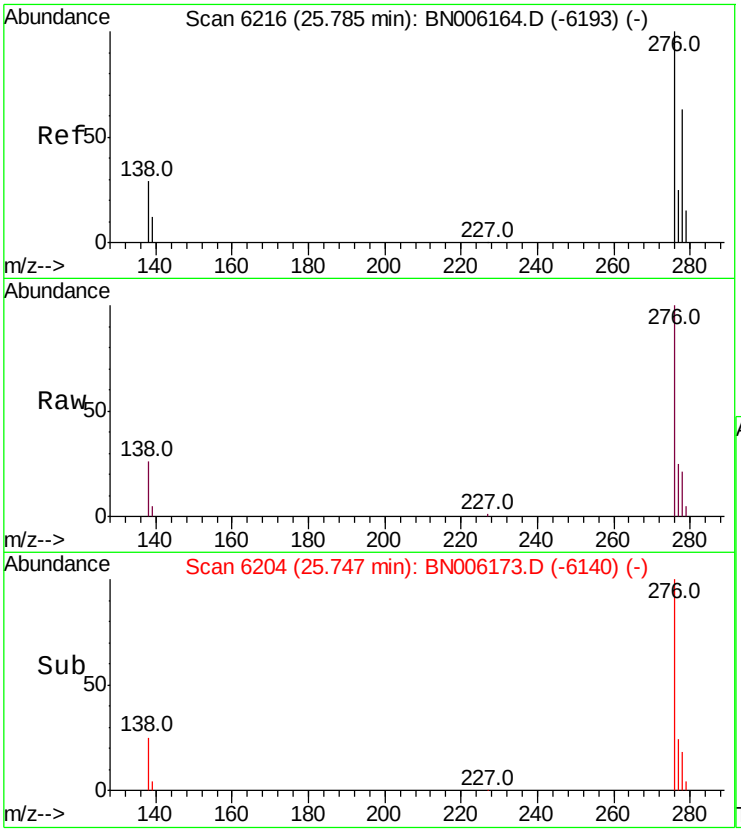


#23
Benzo(a)pyrene
Concen: 1.649 ng/ul
RT: 23.42 min Scan# 5439
Delta R.T. 0.02 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:252 Resp: 152555

Ion	Ratio	Lower	Upper
252	100		
253	22.6	21.1	31.7
125	14.3	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.269 ng/ul
RT: 25.75 min Scan# 6204
Delta R.T. 0.02 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:276 Resp: 127017

Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.6	38.4#
227	0.2	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
C0AC0DL

Manual Integrations APPROVED
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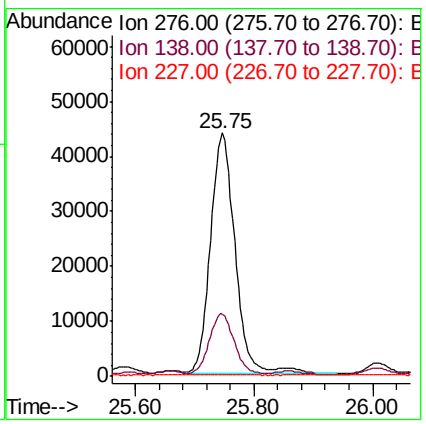
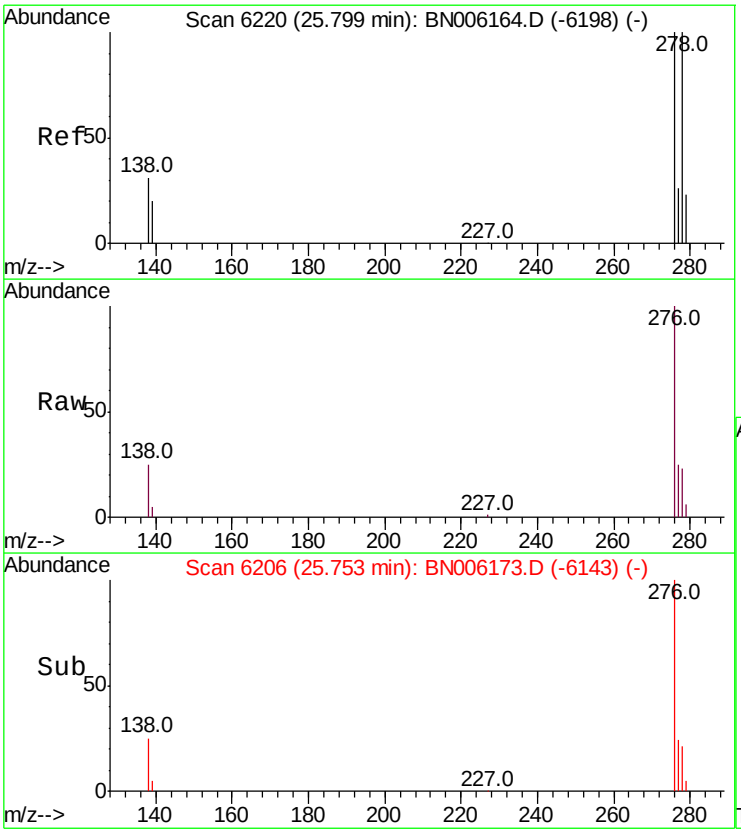
6/11/2019 5:08:43 PM

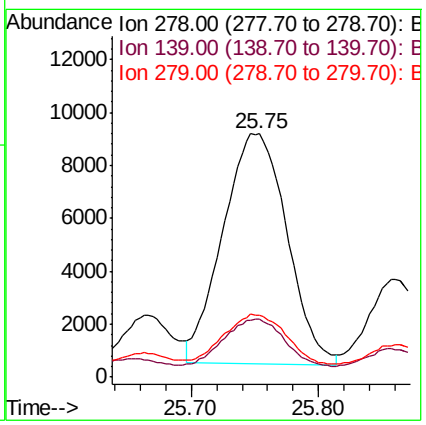


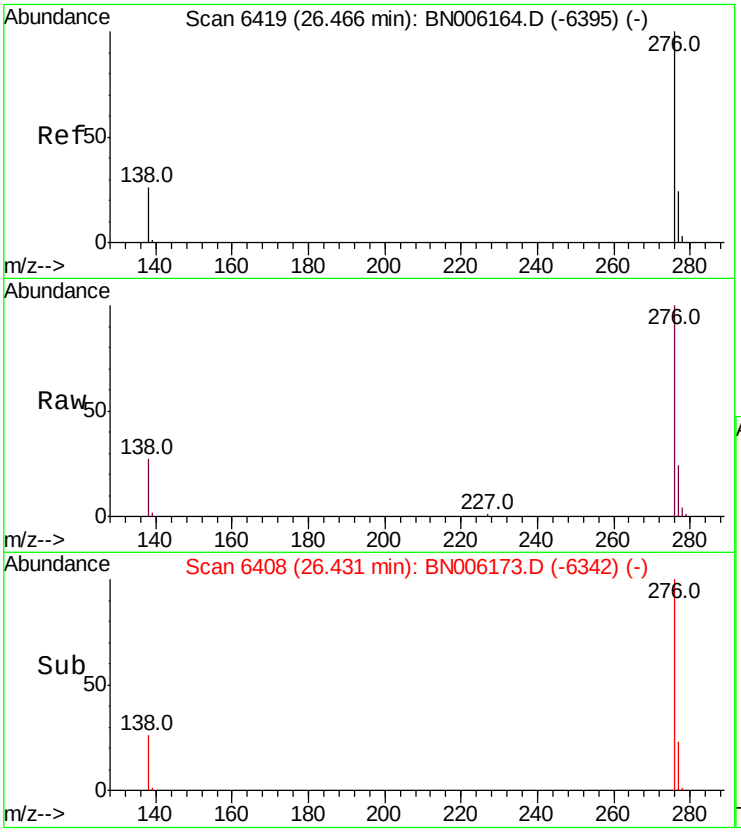


#25
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 25.75 min Scan# 6206
Delta R.T. 0.01 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:278 Resp: 30476

Ion	Ratio	Lower	Upper
278	100		
139	23.6	21.2	31.8
279	25.4	22.6	33.8

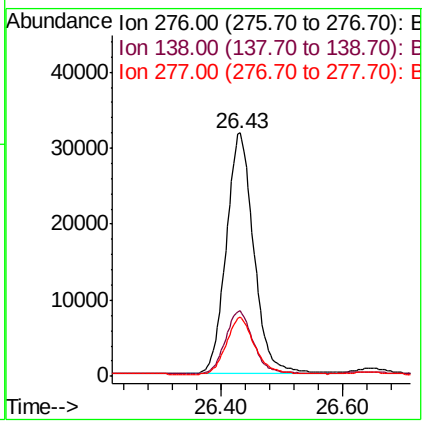




#26
Benzo(g,h,i)perylene
Concen: 1.185 ng/ul
RT: 26.43 min Scan# 6408
Delta R.T. 0.02 min
Lab File: BN006173.D
Acq: 07 Jun 2019 18:45

Tgt Ion:276 Resp: 99363

Ion	Ratio	Lower	Upper
276	100		
138	27.0	24.2	36.4
277	24.2	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
C0AC0DL

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:43 PM