Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006185.D
Acq On : 08 Jun 2019 11:37
Operator : JU/SJ
Sample : K3201-14DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:16 PM

Quant Time: Jun 08 13:44:13 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	7068	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	26677	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13481	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	28795	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	23465	0.40	ng/ul	0.01
20) Perylene-d12	23.51	264	33630	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	2093	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	4086	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	38741	0.526	ng/ul	100
5) 2-Methylnaphthalene	12.10	142	14500	0.283	ng/ul	99
7) Acenaphthylene	14.02	152	81535	1.088	ng/ul	99
8) Acenaphthene	14.36	153	53981	1.038	ng/ul	99
9) Fluorene	15.36	166	58820	0.967	ng/ul	98
12) Phenanthrene	17.09	178	1204880	13.035	ng/ul	100
13) Anthracene	17.19	178	228791	2.592	ng/ul	99
15) Fluoranthene	19.13	202	2073803	20.318	ng/ul	96
17) Pyrene	19.49	202	1914705	15.491	ng/ul	100
18) Benzo(a)anthracene	21.26	228	991710	9.556	ng/ul	100
19) Chrysene	21.31	228	1006770	10.333	ng/ul	97
21) Benzo(b)fluoranthene	22.85	252	1230202m	8.773	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	454928m	3.331	ng/ul	
23) Benzo(a)pyrene	23.42	252	871465	6.673	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.75	276	557148	3.941	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.76	278	152148	1.346	ng/ul	95
26) Benzo(g,h,i)perylene	26.43	276	444007	3.750	ng/ul	94

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

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Manual Integrations APPROVED
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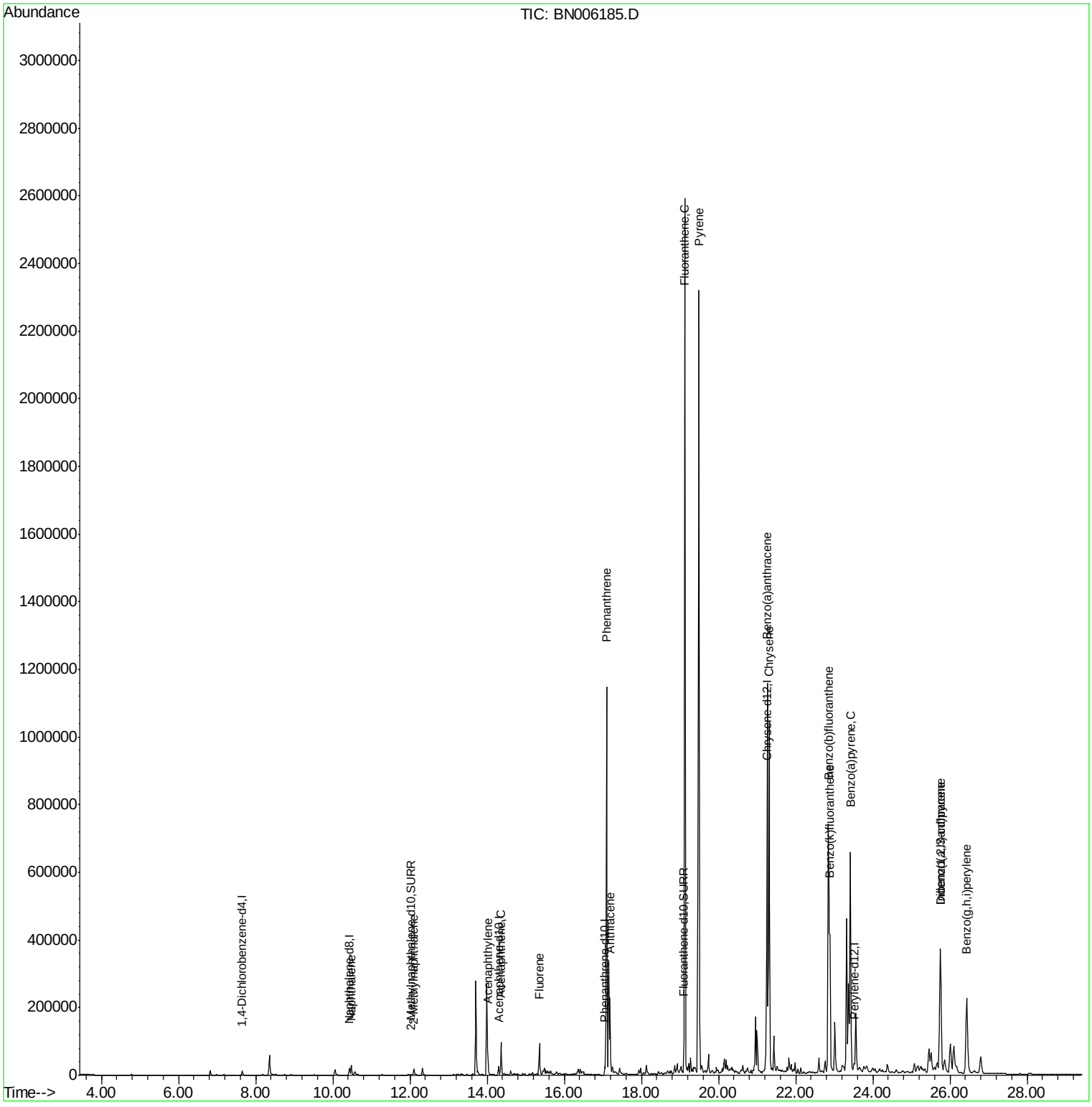
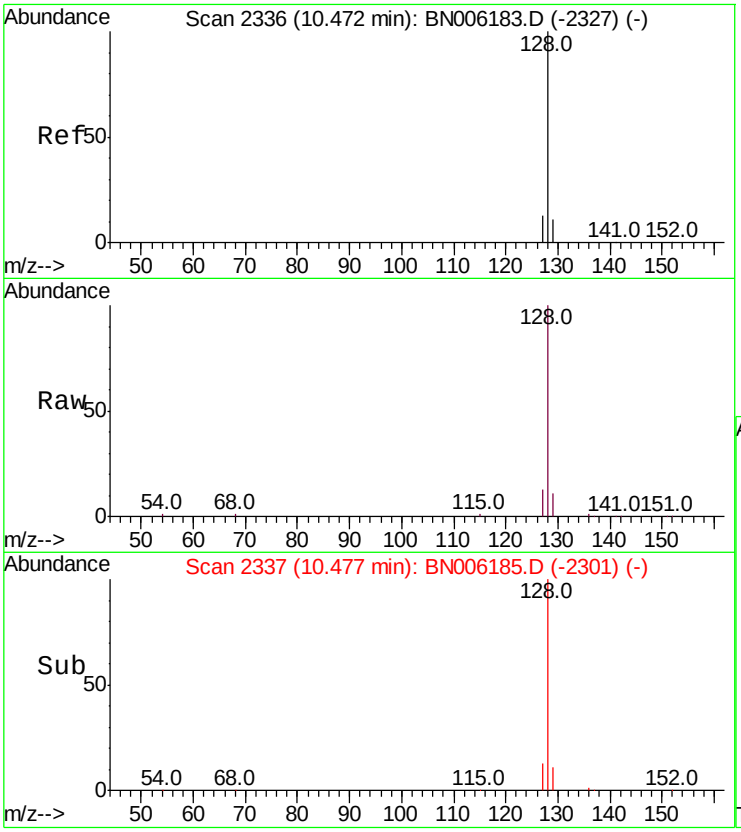
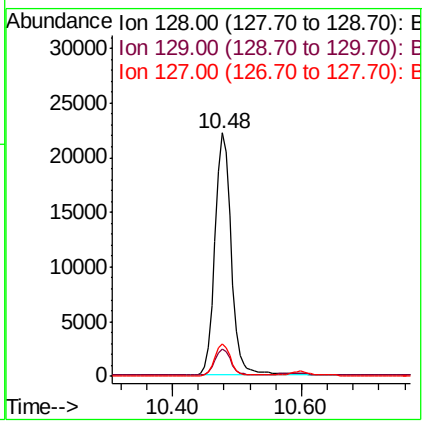




#3
Naphthalene
Concen: 0.526 ng/ul
RT: 10.48 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:128 Resp: 38741

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.2	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
C0AC5DL

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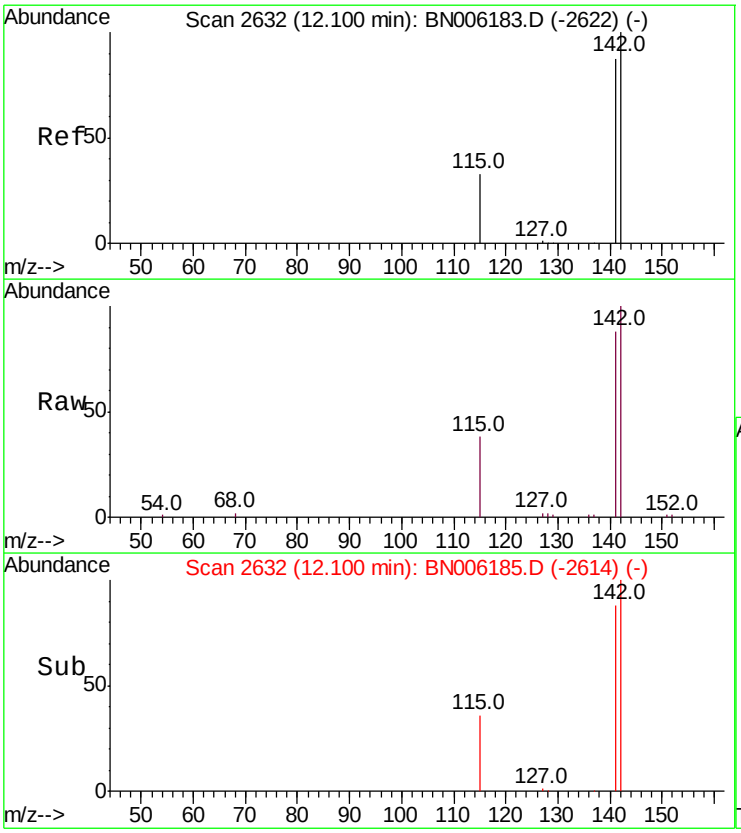
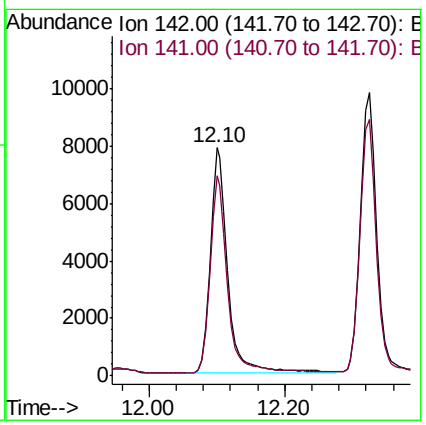
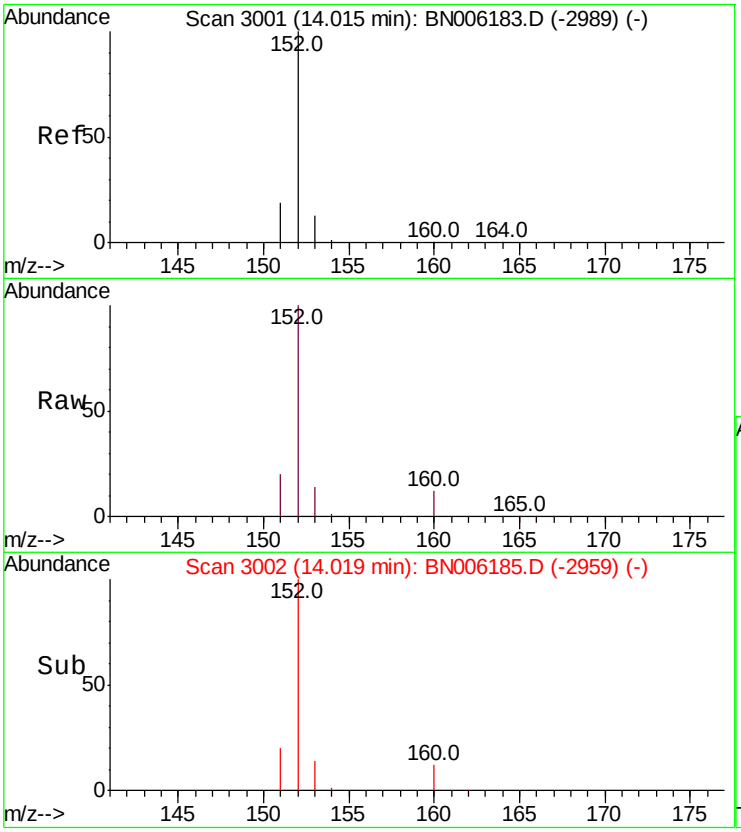


#5
2-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.10 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:142 Resp: 14500

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.3	105.5





#7
Acenaphthylene
Concen: 1.088 ng/ul
RT: 14.02 min Scan# 3002
Delta R.T. -0.00 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:152 Resp: 81535

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	14.0	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
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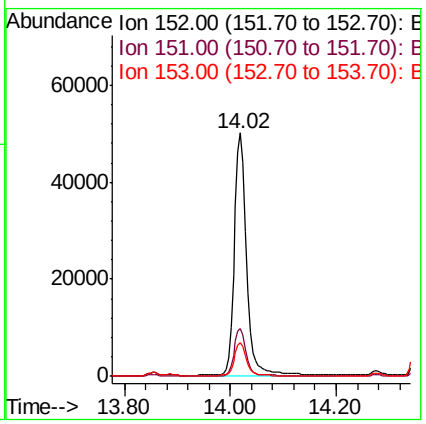
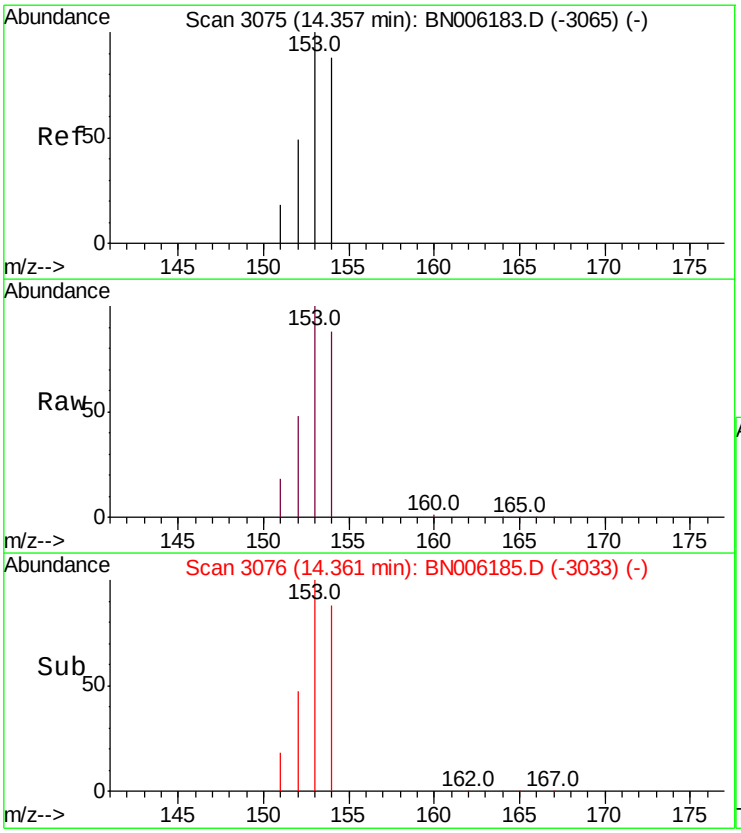
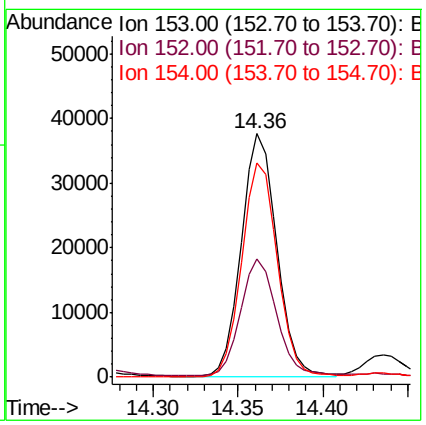


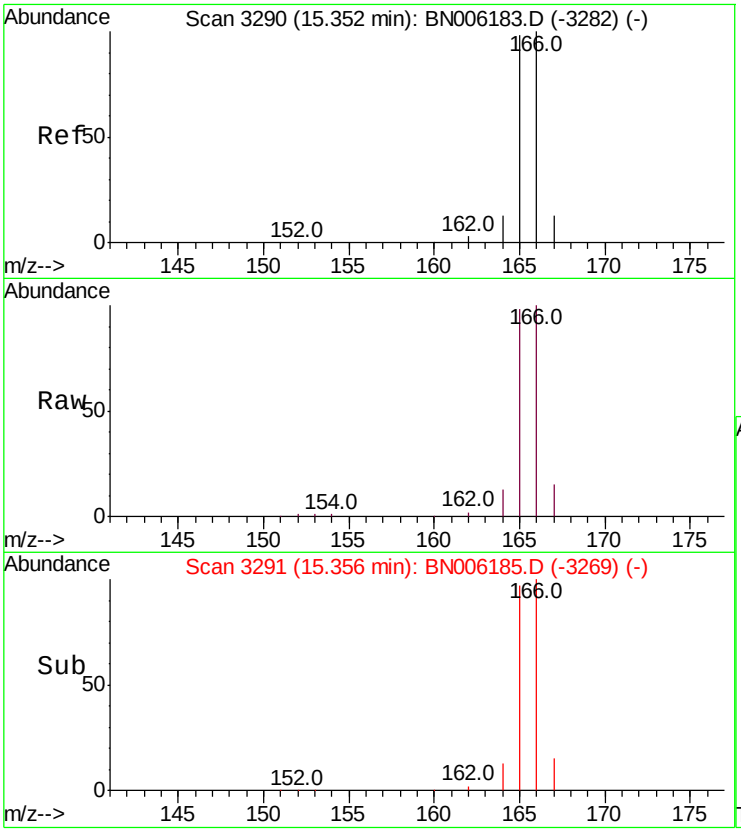


#8
Acenaphthene
Concen: 1.038 ng/ul
RT: 14.36 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:153 Resp: 53981

Ion	Ratio	Lower	Upper
153	100		
152	48.4	39.1	58.7
154	87.8	71.1	106.7

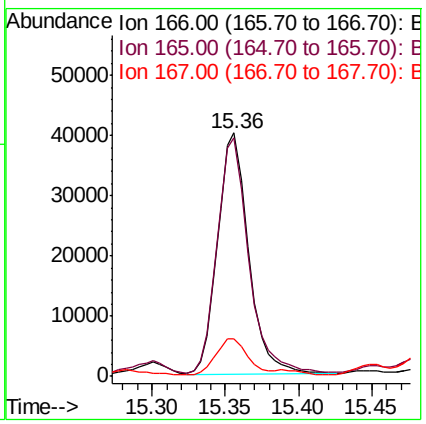




#9
Fluorene
Concen: 0.967 ng/ul
RT: 15.36 min Scan# 3291
Delta R.T. -0.00 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:166 Resp: 58820

Ion	Ratio	Lower	Upper
166	100		
165	97.7	76.4	114.6
167	15.3	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
C0AC5DL

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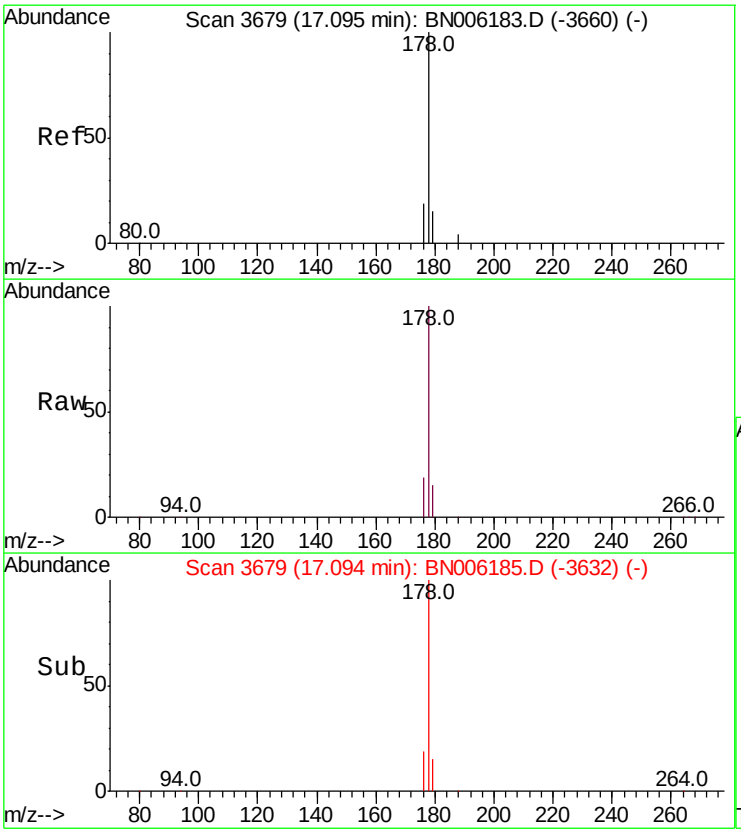
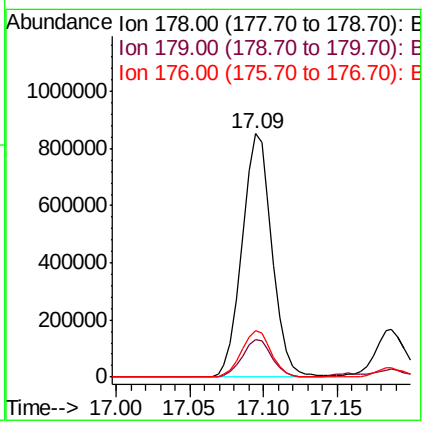
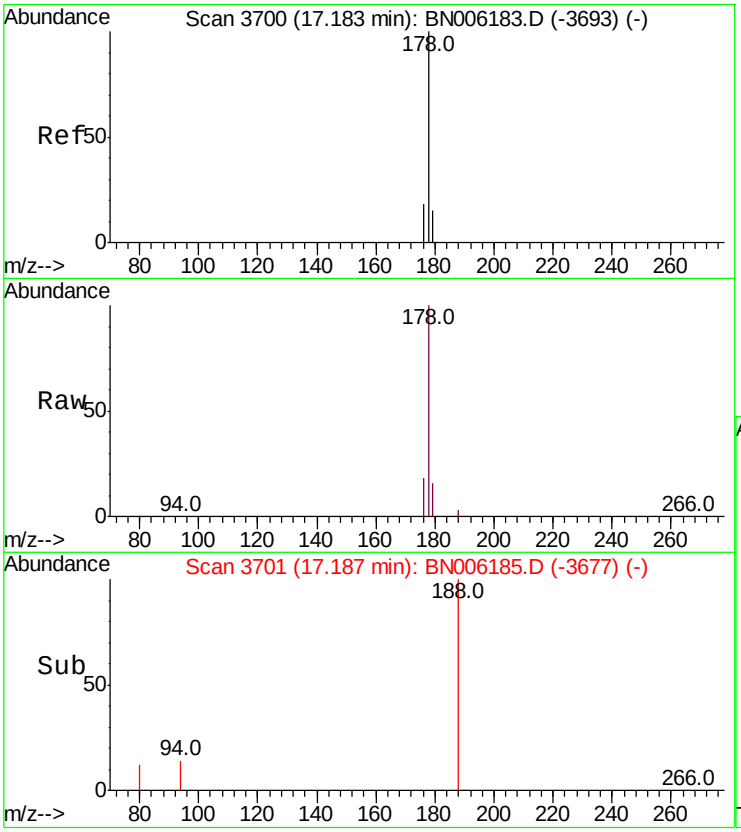


#12
Phenanthrene
Concen: 13.035 ng/ul
RT: 17.09 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:178 Resp: 1204880

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.3	15.3	22.9

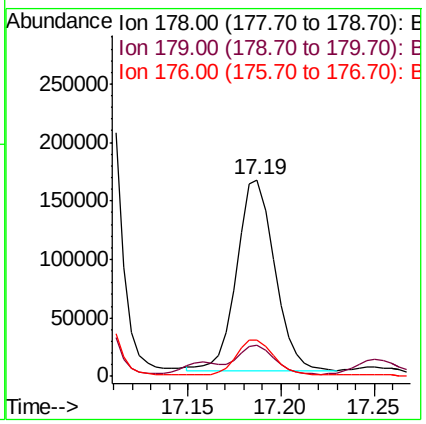




#13
Anthracene
Concen: 2.592 ng/ul
RT: 17.19 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:178 Resp: 228791

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	18.4	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
C0AC5DL

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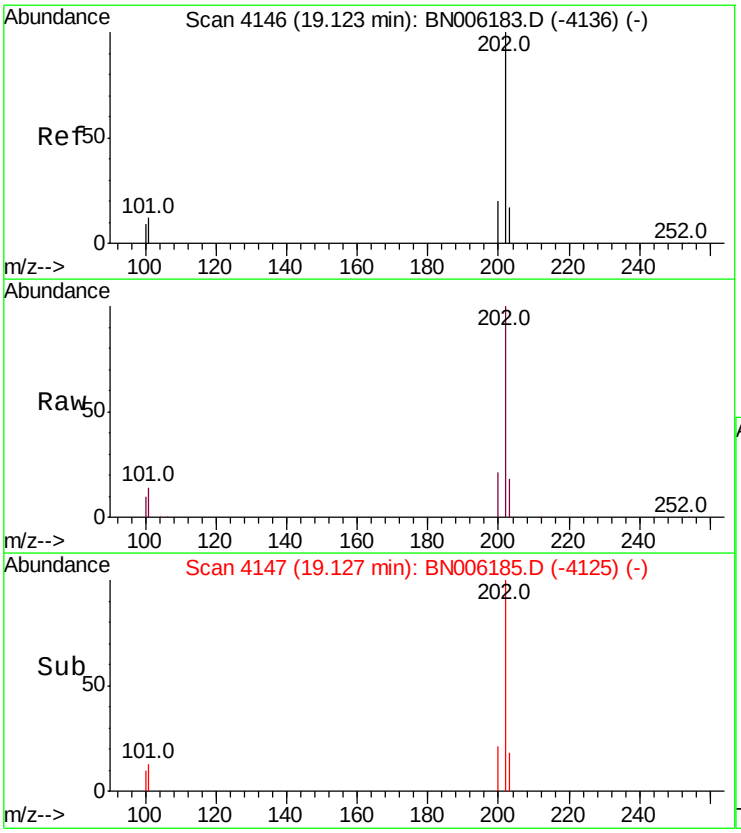
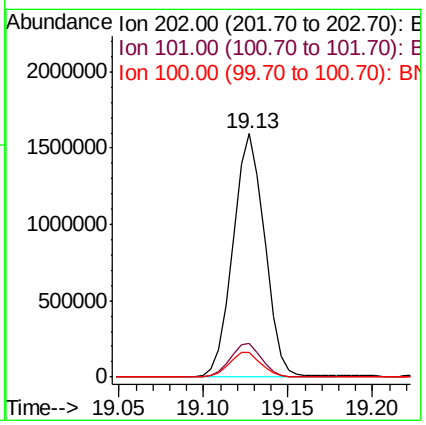
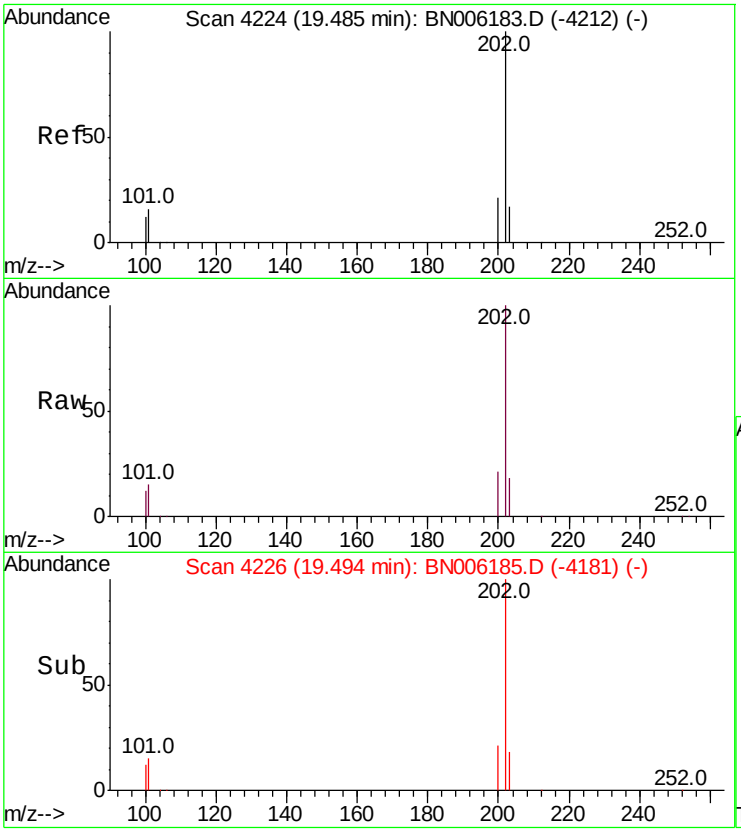


#15
Fluoranthene
Concen: 20.318 ng/ul
RT: 19.13 min Scan# 4147
Delta R.T. 0.00 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:202 Resp: 2073803

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	32.1
100	9.9	0.0	28.7

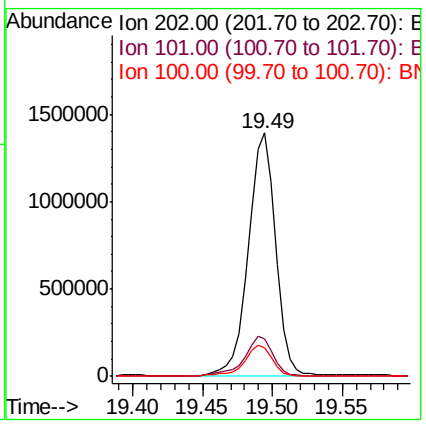




#17
Pyrene
Concen: 15.491 ng/ul
RT: 19.49 min Scan# 4226
Delta R.T. 0.01 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:202 Resp: 1914705

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.2
100	11.9	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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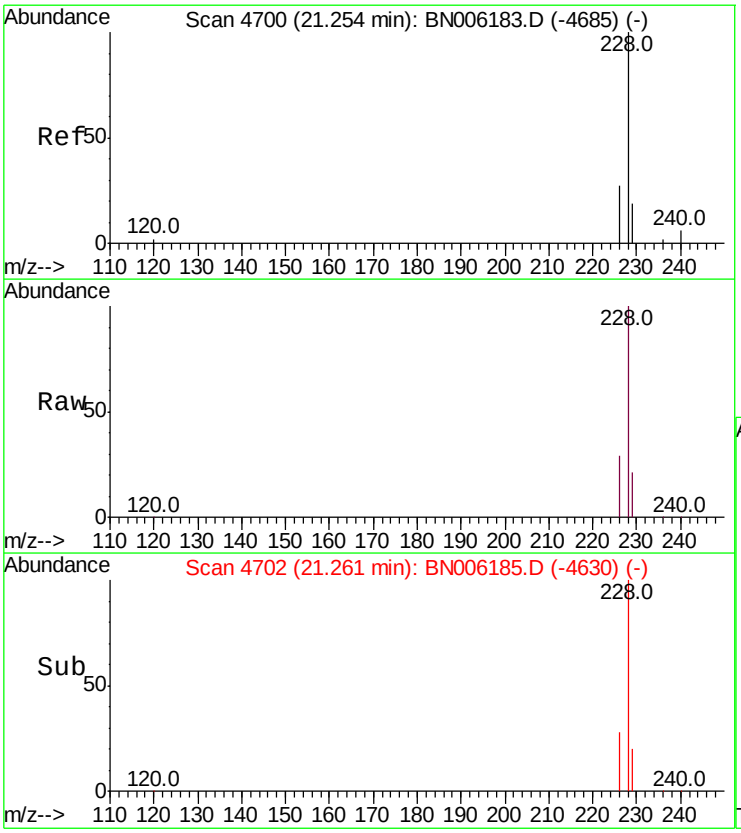
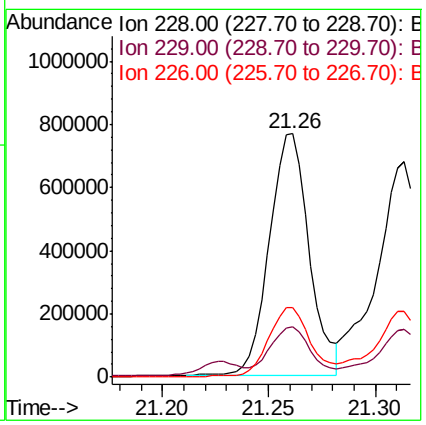
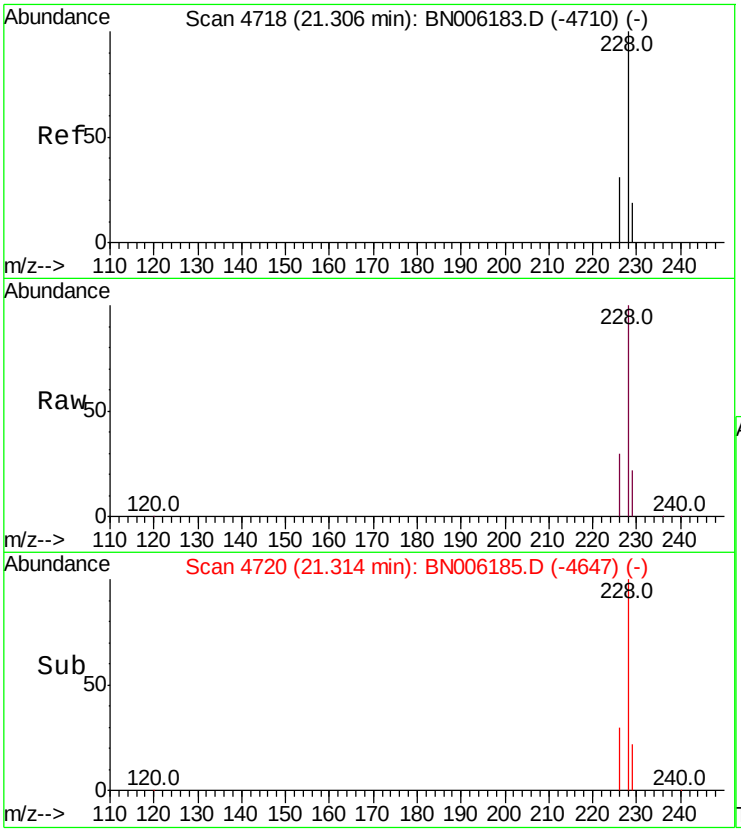


#18
Benzo(a)anthracene
Concen: 9.556 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. 0.01 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:228 Resp: 991710

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.5	24.7
226	28.5	22.8	34.2





#19
Chrysene
Concen: 10.333 ng/ul
RT: 21.31 min Scan# 4720
Delta R.T. 0.01 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:228 Resp: 1006770

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.4	16.3	24.5

Instrument :
BNA_N
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
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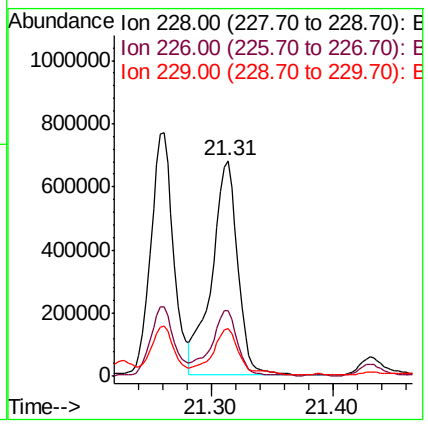
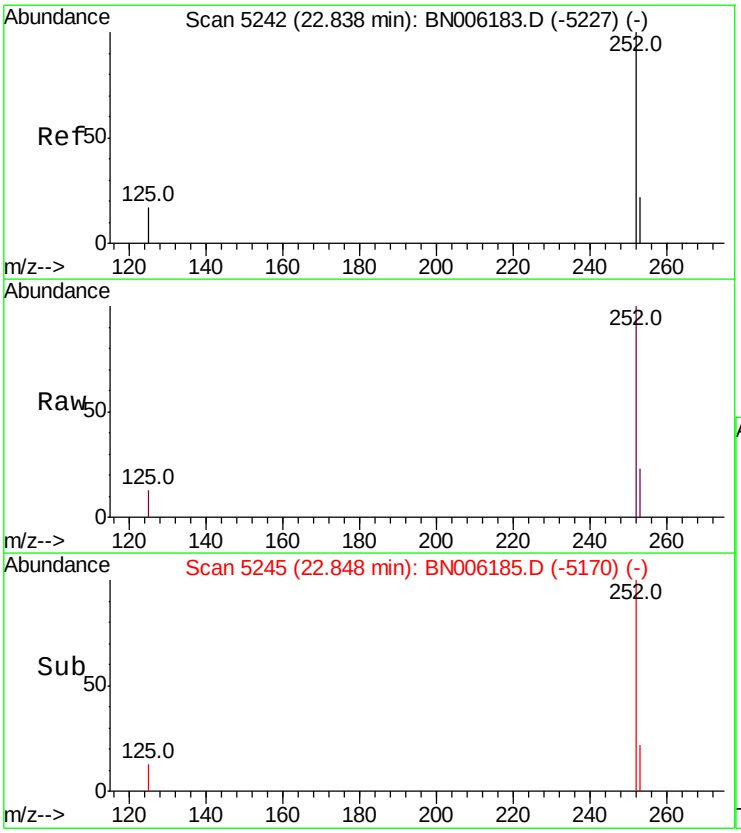
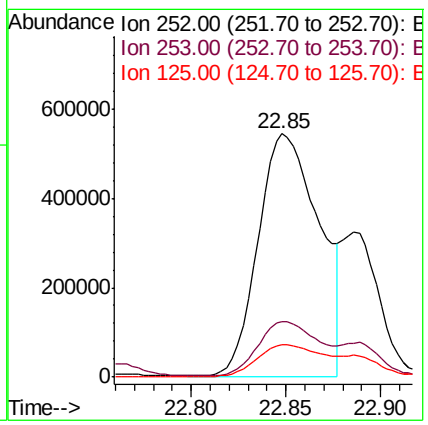


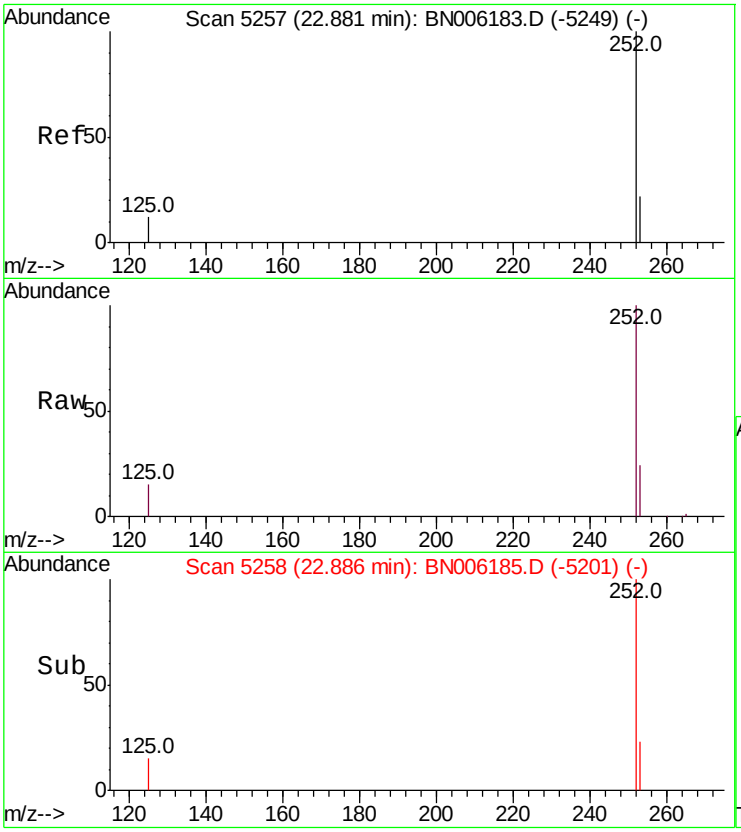


#21
Benzo(b)fluoranthene
Concen: 8.773 ng/ul m
RT: 22.85 min Scan# 5245
Delta R.T. 0.02 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:252 Resp: 1230202

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	51.4
125	13.1	0.0	41.0

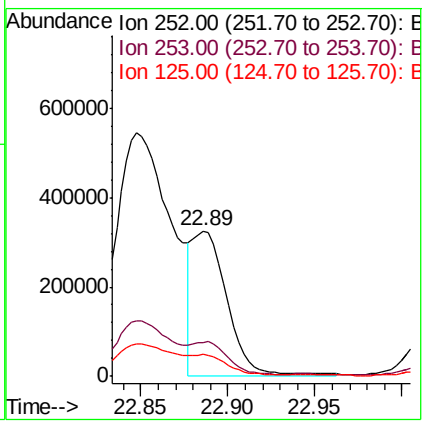




#22
Benzo(k)fluoranthene
Concen: 3.331 ng/ul m
RT: 22.89 min Scan# 5258
Delta R.T. 0.02 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:252 Resp: 454928

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.3	30.5
125	15.1	14.3	21.5



Instrument :
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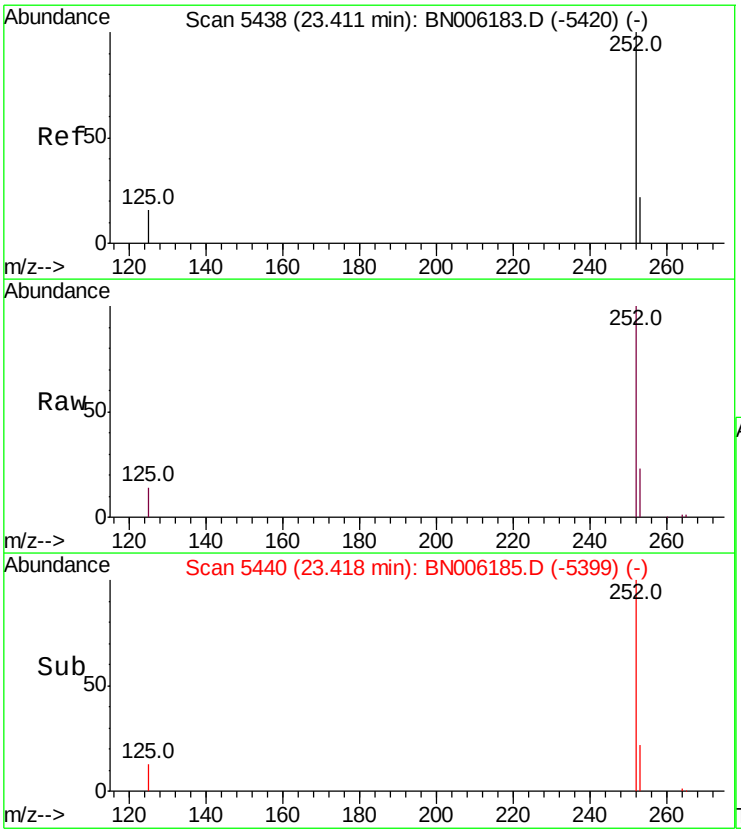
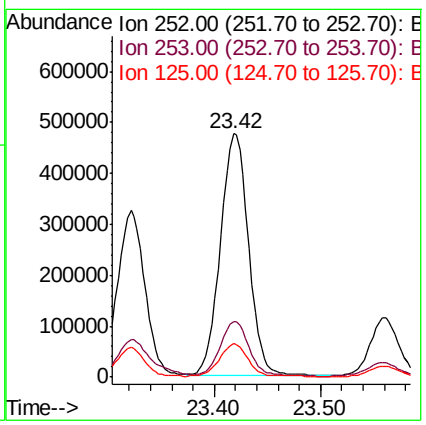
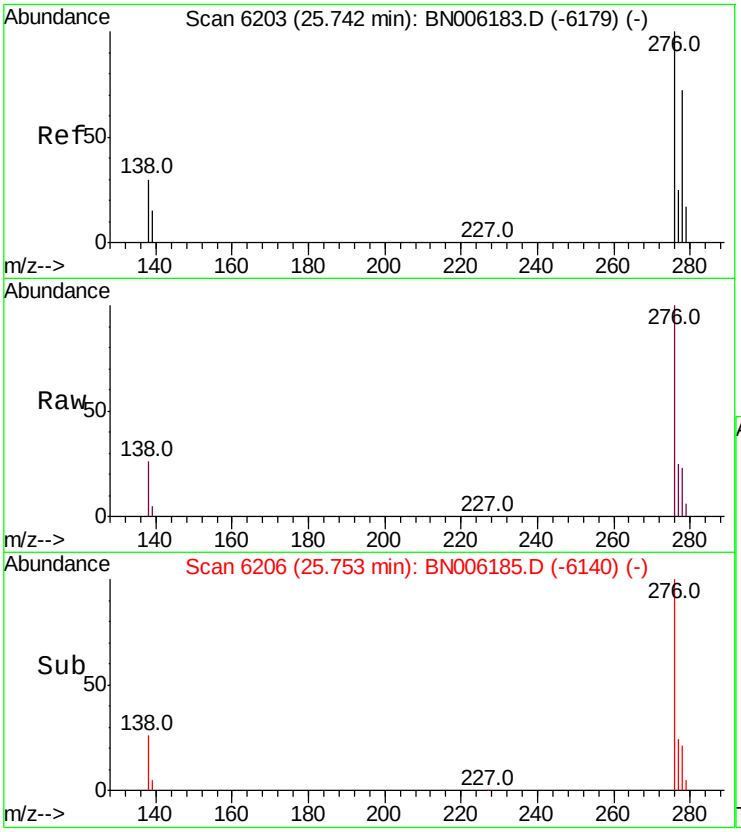


#23
Benzo(a)pyrene
Concen: 6.673 ng/ul
RT: 23.42 min Scan# 5440
Delta R.T. 0.02 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:252 Resp: 871465

Ion	Ratio	Lower	Upper
252	100		
253	22.7	21.1	31.7
125	13.6	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 3.941 ng/ul
RT: 25.75 min Scan# 6206
Delta R.T. 0.02 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:276 Resp: 557148

Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.6	38.4
227	0.2	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
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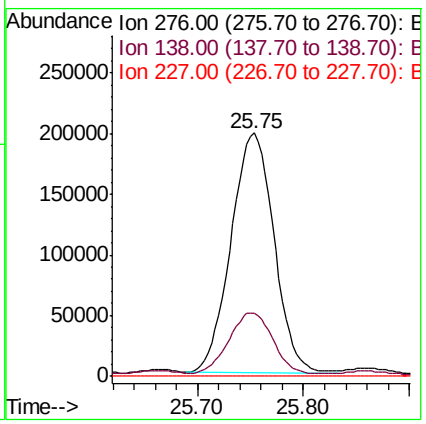
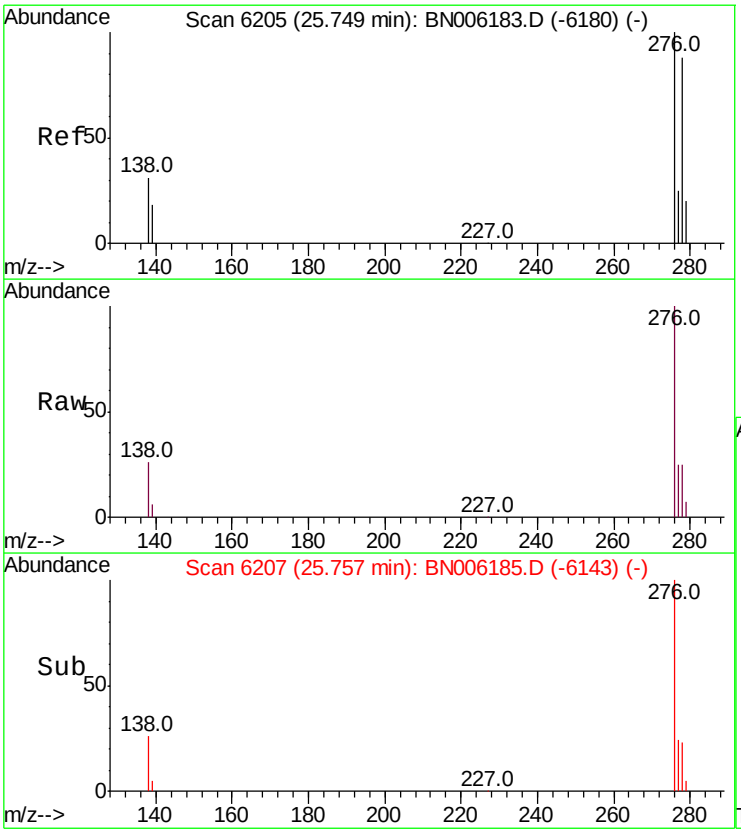
6/11/2019 4:30:16 PM

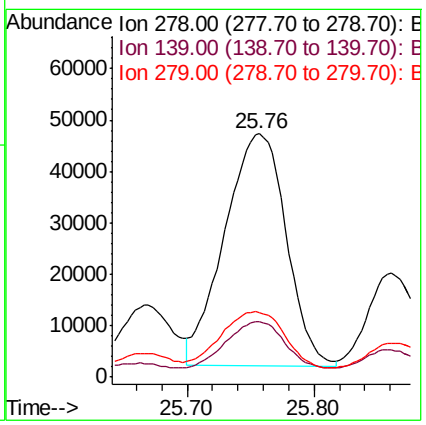


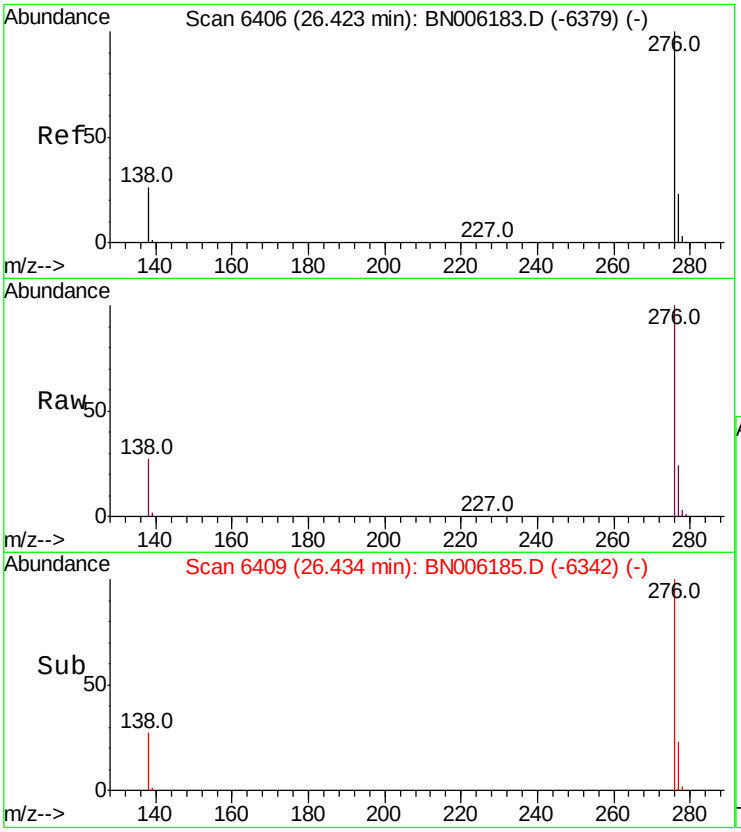


#25
Dibenzo(a,h)anthracene
Concen: 1.346 ng/ul
RT: 25.76 min Scan# 6207
Delta R.T. 0.02 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:278 Resp: 152148

Ion	Ratio	Lower	Upper
278	100		
139	22.8	21.2	31.8
279	26.6	22.6	33.8

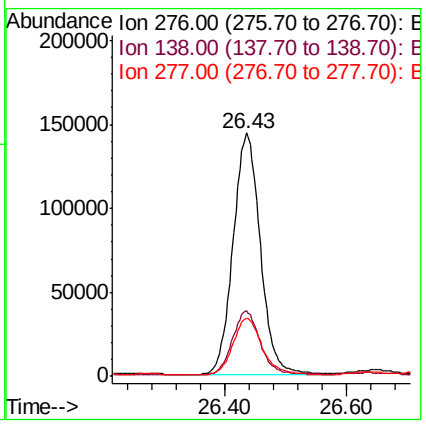




#26
Benzo(g,h,i)perylene
Concen: 3.750 ng/ul
RT: 26.43 min Scan# 6409
Delta R.T. 0.03 min
Lab File: BN006185.D
Acq: 08 Jun 2019 11:37

Tgt Ion:276 Resp: 444007

Ion	Ratio	Lower	Upper
276	100		
138	27.2	24.2	36.4
277	24.0	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
mohammad
6/11/2019 4:30:16 PM