Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008867.D
Acq On : 06 Dec 2019 19:37
Operator : JU
Sample : K6007-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 06 23:13:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 12:03:45 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0BL9

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2915	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	13230	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	8889	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	19705	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	17832	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	19487	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	2967	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	9352	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.37	128	3981	0.100	ng/ul	96
5) 2-Methylnaphthalene	12.00	142	3448	0.124	ng/ul	99
7) Acenaphthylene	13.91	152	24588	0.500	ng/ul	99
8) Acenaphthene	14.25	153	809	0.022	ng/ul#	94
9) Fluorene	15.25	166	2463	0.058	ng/ul#	90
12) Phenanthrene	16.98	178	73542	1.107	ng/ul	99
13) Anthracene	17.07	178	21019	0.335	ng/ul	99
15) Fluoranthene	19.00	202	230117	2.819	ng/ul	98
17) Pyrene	19.37	202	174989	2.446	ng/ul	98
18) Benzo(a)anthracene	21.12	228	137517	1.918	ng/ul	95
19) Chrysene	21.18	228	132791	1.885	ng/ul	98
21) Benzo(b)fluoranthene	22.66	252	181939m	2.264	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	60229m	0.756	ng/ul	
23) Benzo(a)pyrene	23.20	252	104945	1.391	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.40	276	75155	0.852	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.41	278	22167	0.311	ng/ul	95
26) Benzo(g,h,i)perylene	26.05	276	63824	0.865	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008867.D
Acq On : 06 Dec 2019 19:37
Operator : JU
Sample : K6007-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 06 23:13:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 12:03:45 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BL9

Manual Integrations APPROVED
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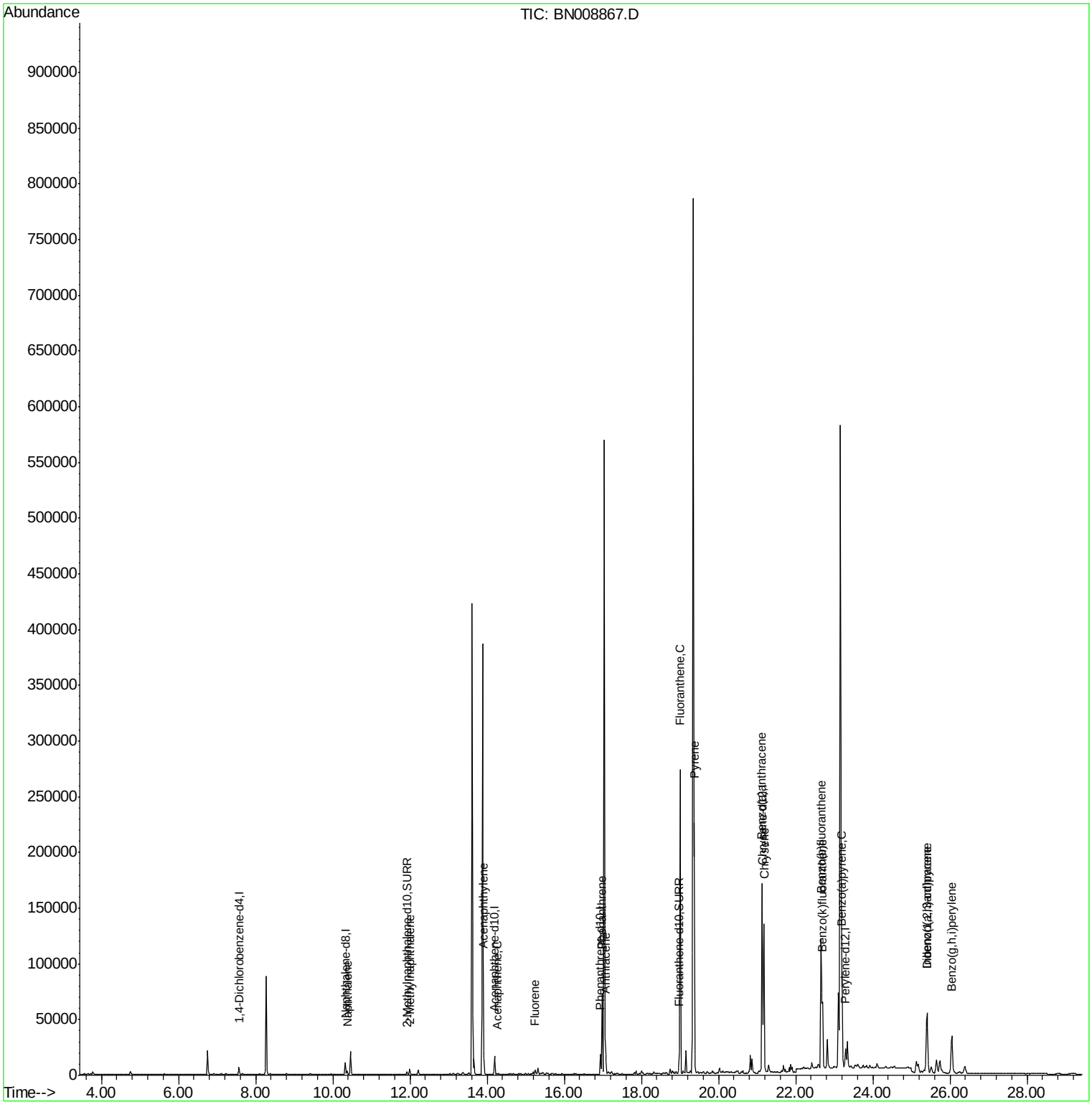

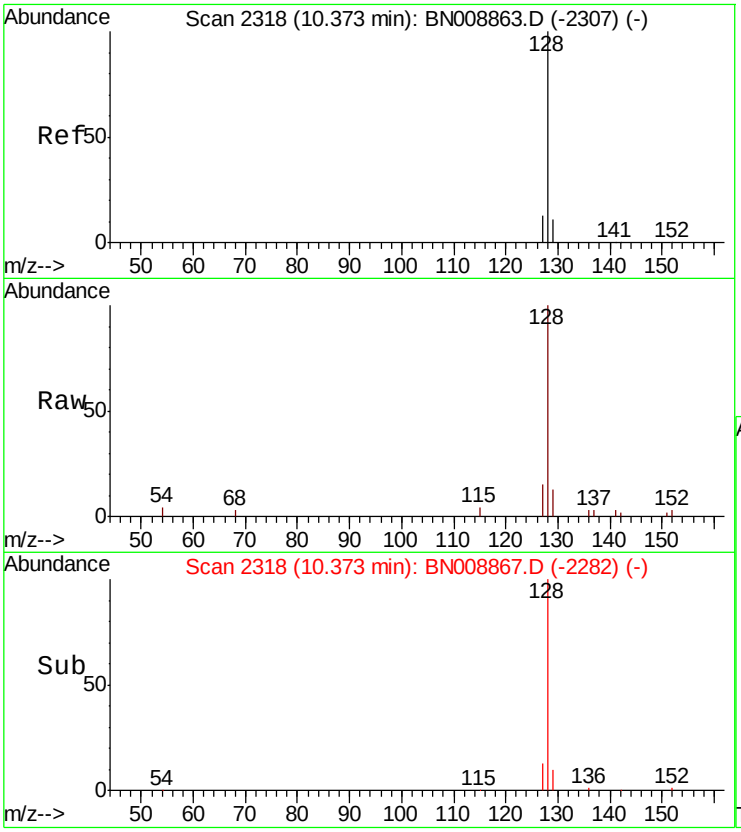

#3
Naphthalene
Concen: 0.100 ng/ul
RT: 10.37 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:128 Resp: 3981

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.1	13.7
127	14.8	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
C0BL9

Manual Integrations APPROVED
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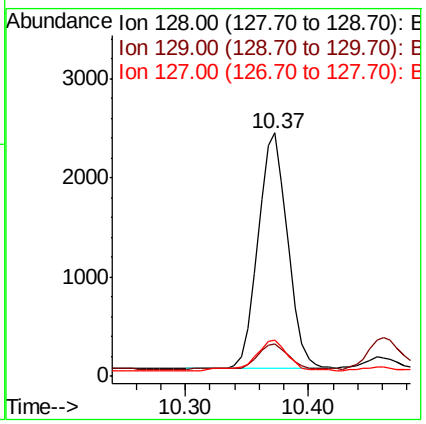
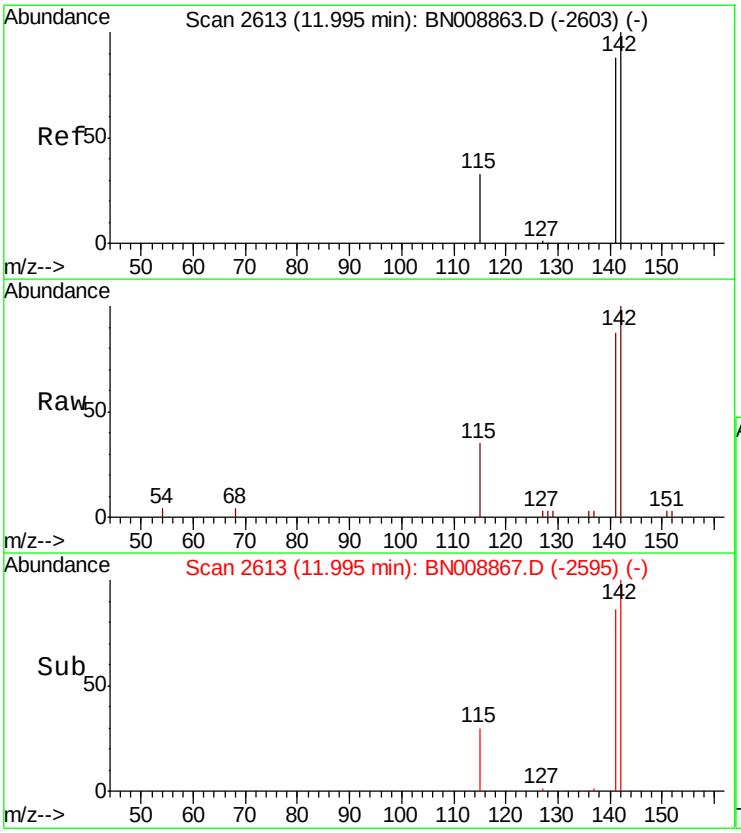
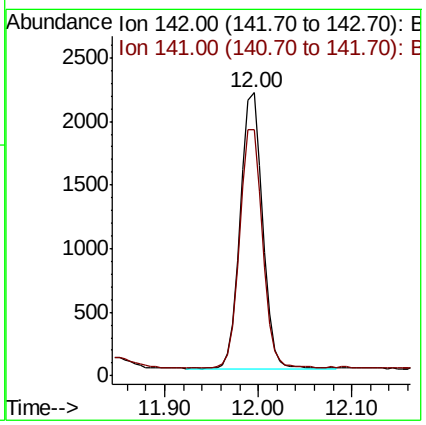


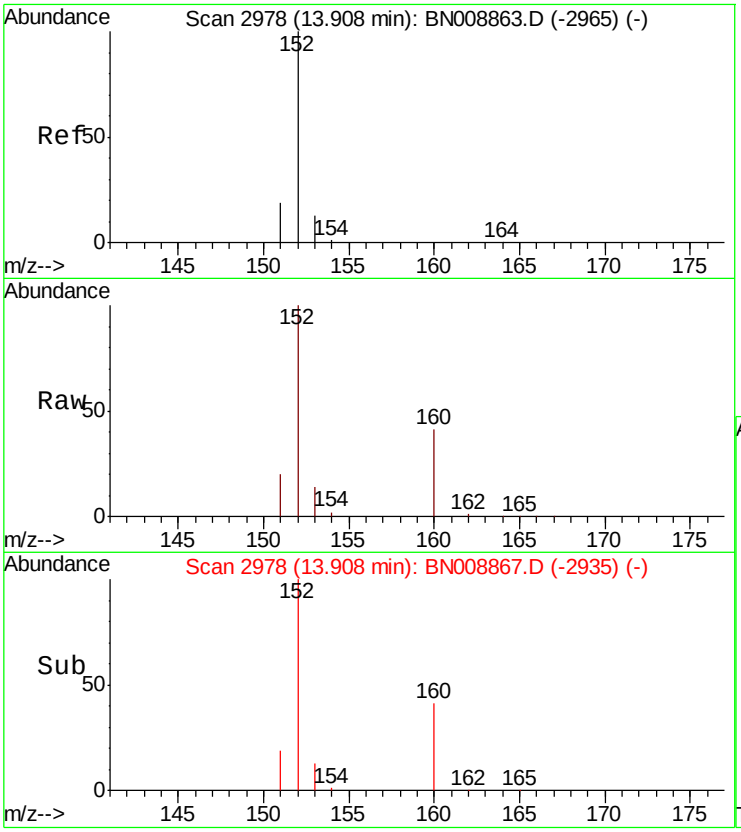


#5
2-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.00 min Scan# 2613
Delta R.T. -0.00 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:142 Resp: 3448

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.1	105.1

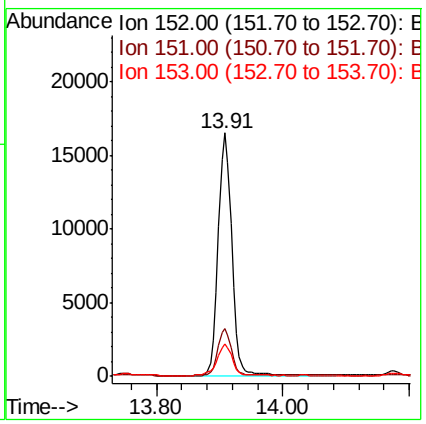




#7
Acenaphthylene
Concen: 0.500 ng/ul
RT: 13.91 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:152 Resp: 24588

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.5	10.6	15.8



Instrument :
BNA_N
ClientSampleId :
C0BL9

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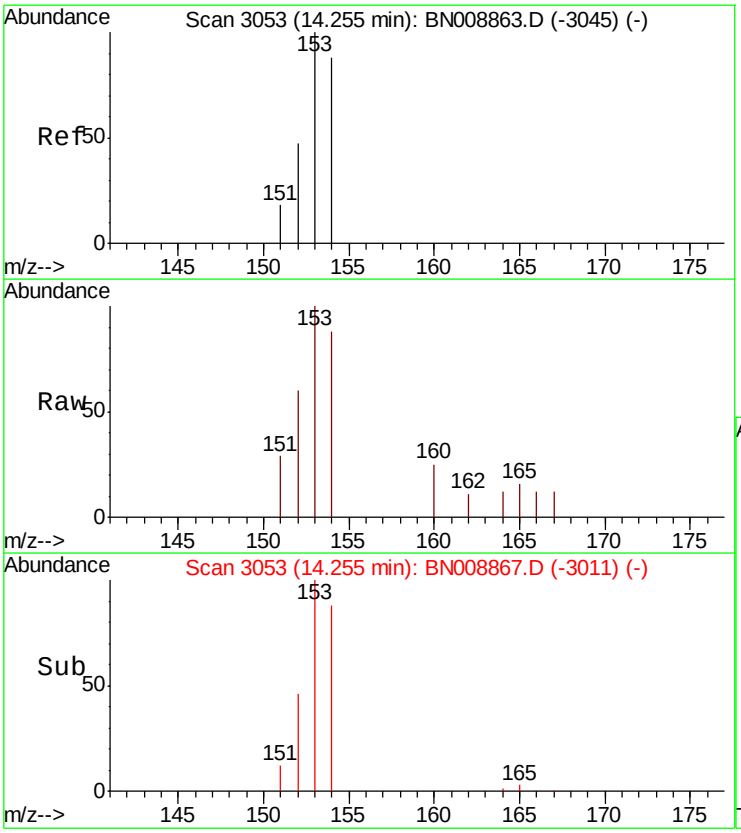
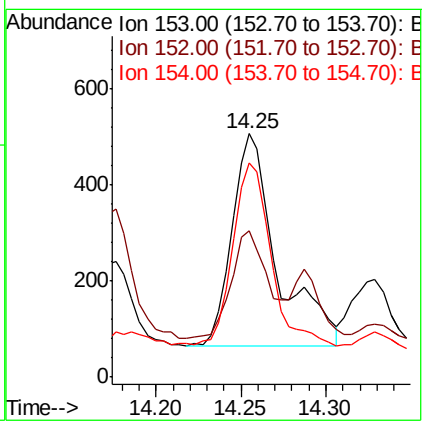
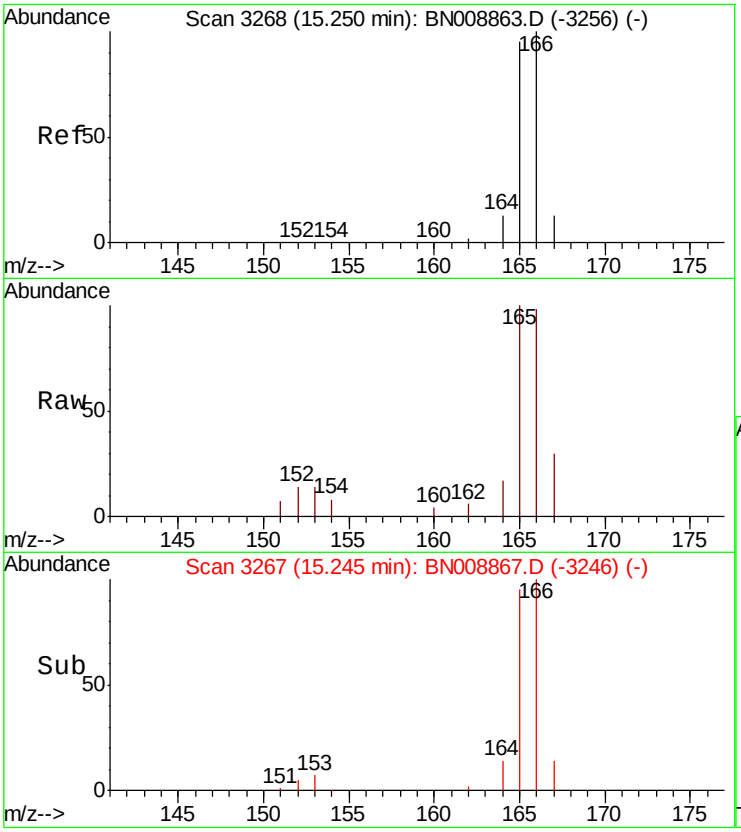


#8
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.25 min Scan# 3053
Delta R.T. -0.00 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:153 Resp: 809

Ion	Ratio	Lower	Upper
153	100		
152	60.2	38.6	58.0#
154	88.2	70.6	105.8

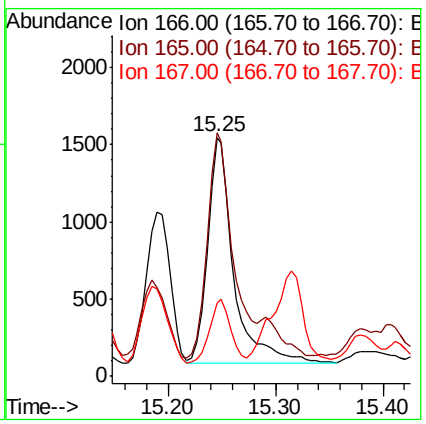




#9
Fluorene
Concen: 0.058 ng/ul
RT: 15.25 min Scan# 3267
Delta R.T. -0.00 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:166 Resp: 2463

Ion	Ratio	Lower	Upper
166	100		
165	101.9	77.7	116.5
167	30.8	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
C0BL9

Manual Integrations APPROVED
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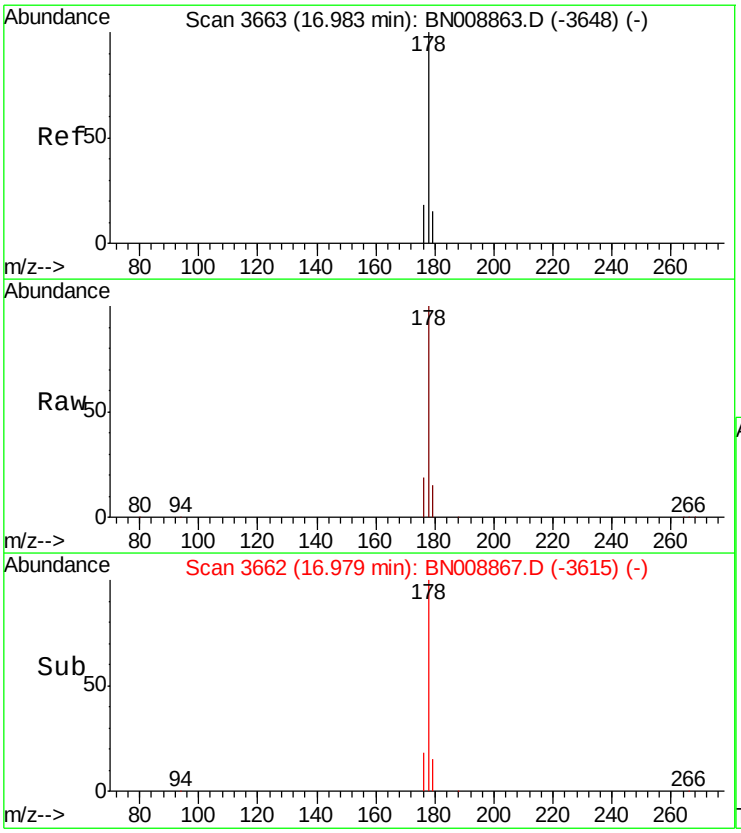
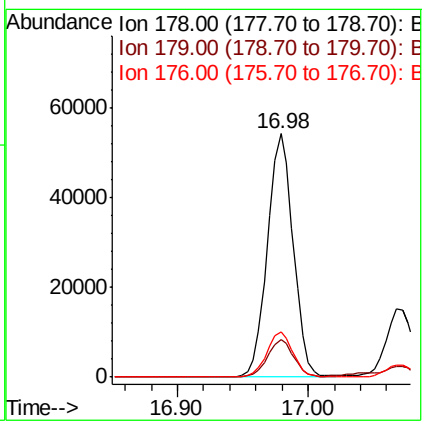
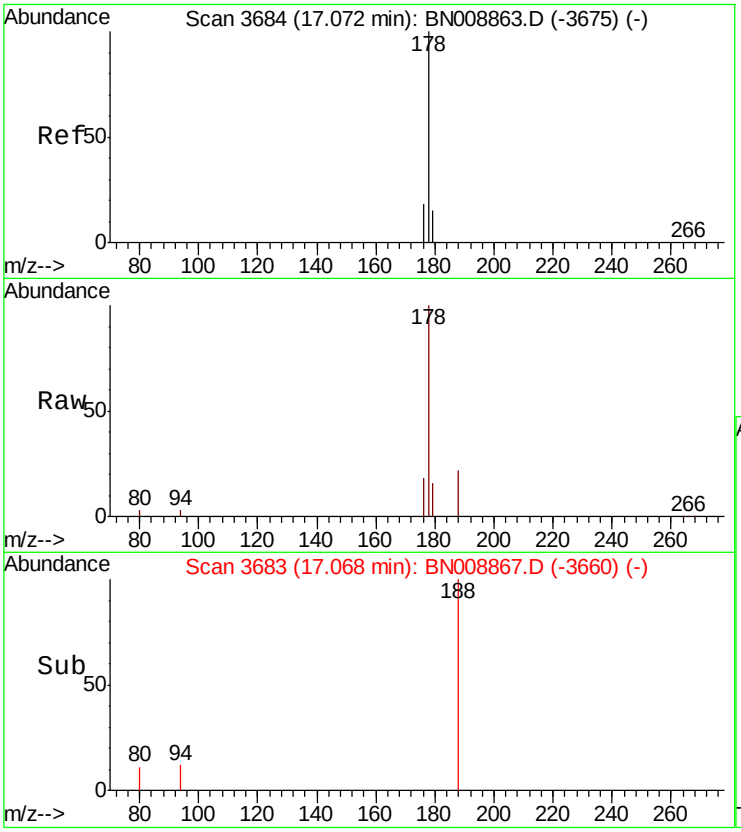


#12
Phenanthrene
Concen: 1.107 ng/ul
RT: 16.98 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:178 Resp: 73542

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	18.6	15.3	22.9

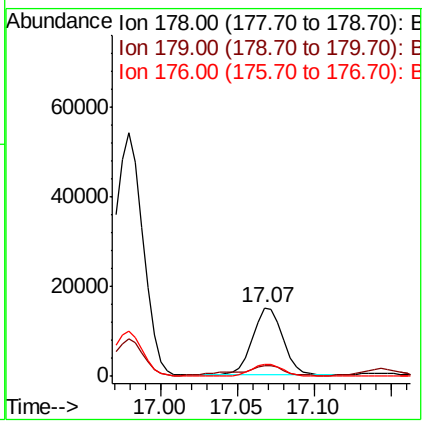




#13
Anthracene
Concen: 0.335 ng/ul
RT: 17.07 min Scan# 3683
Delta R.T. -0.00 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:178 Resp: 21019

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	18.4	14.7	22.1



Instrument :
BNA_N
ClientSampleId :
C0BL9

Manual Integrations APPROVED
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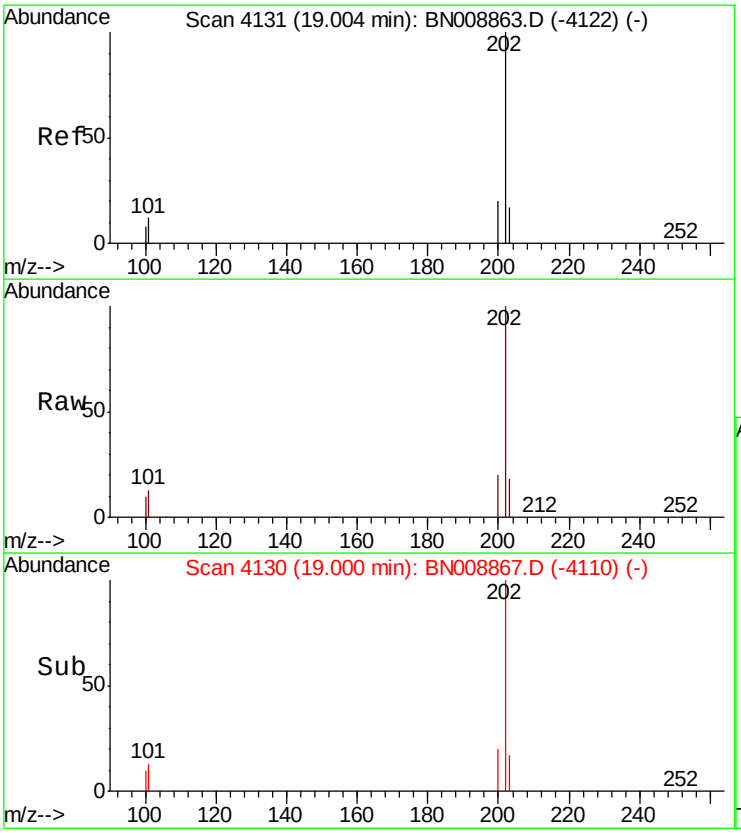
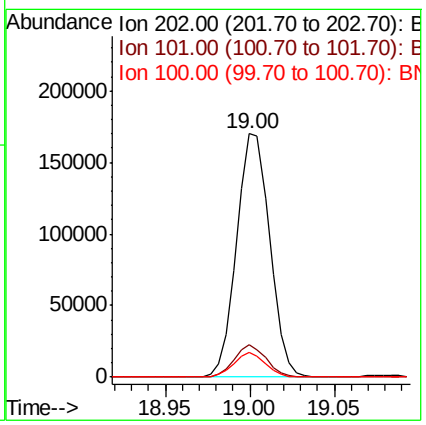
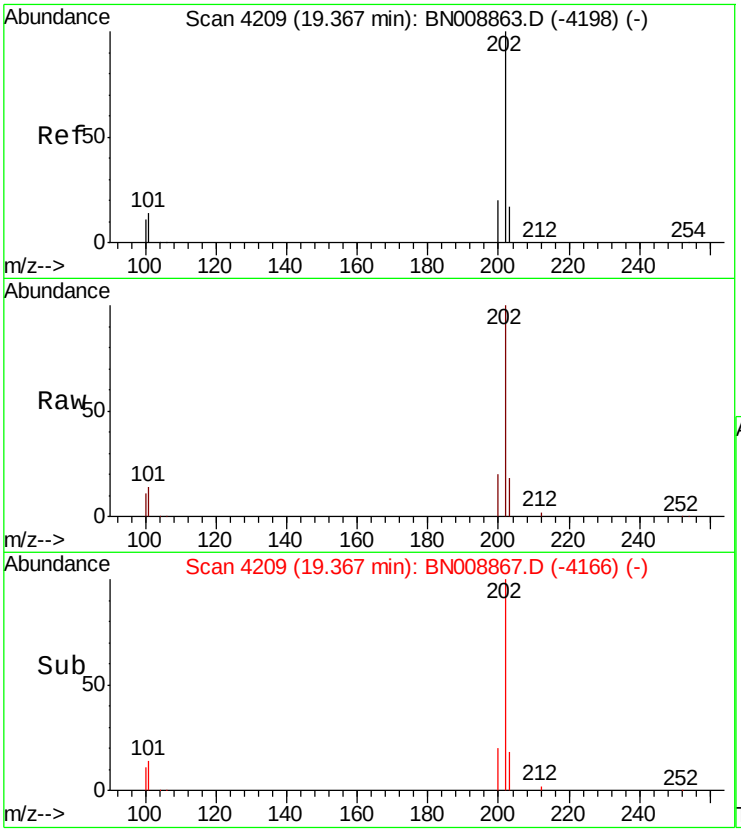


#15
Fluoranthene
Concen: 2.819 ng/ul
RT: 19.00 min Scan# 4130
Delta R.T. -0.00 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:202 Resp: 230117

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.4
100	10.0	0.0	29.2

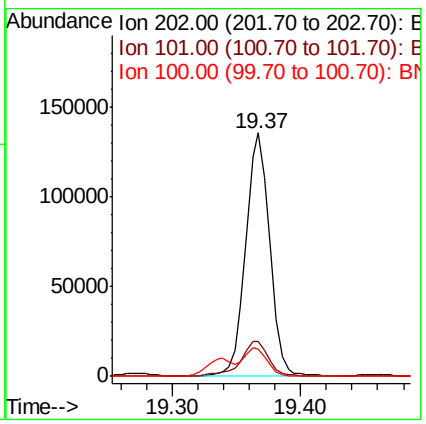




#17
Pyrene
Concen: 2.446 ng/ul
RT: 19.37 min Scan# 4209
Delta R.T. -0.00 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:202 Resp: 174989

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.2	18.4
100	11.4	9.5	14.3



Instrument :
BNA_N
ClientSampleId :
C0BL9

Manual Integrations APPROVED
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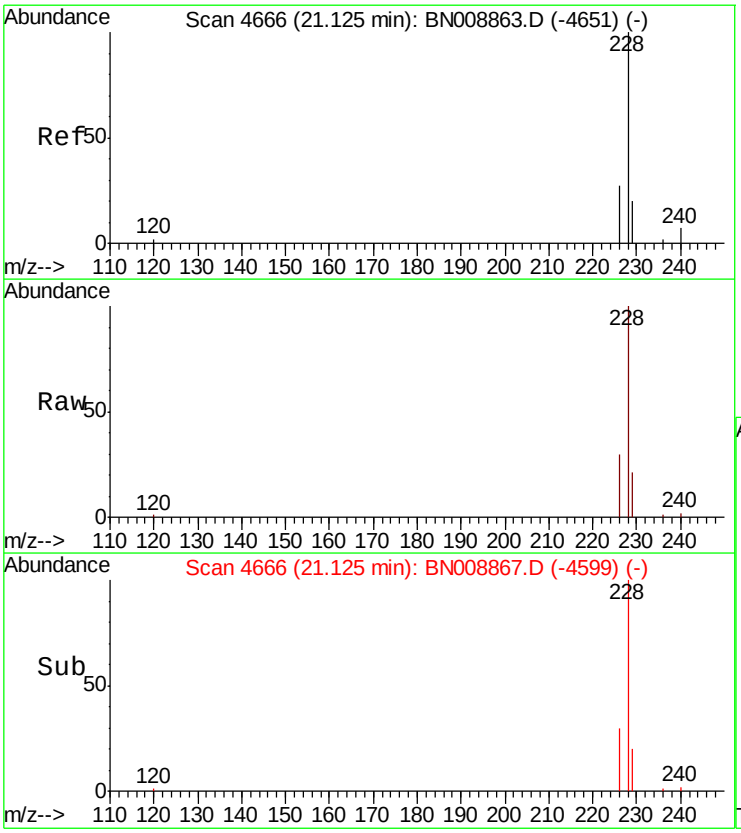
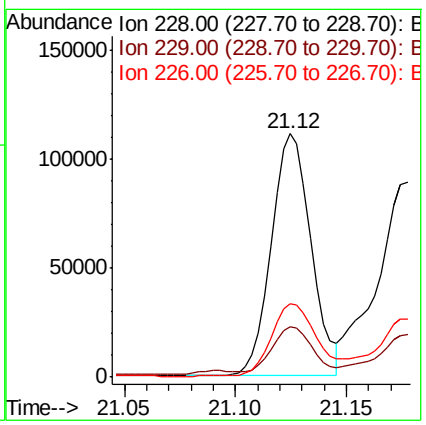
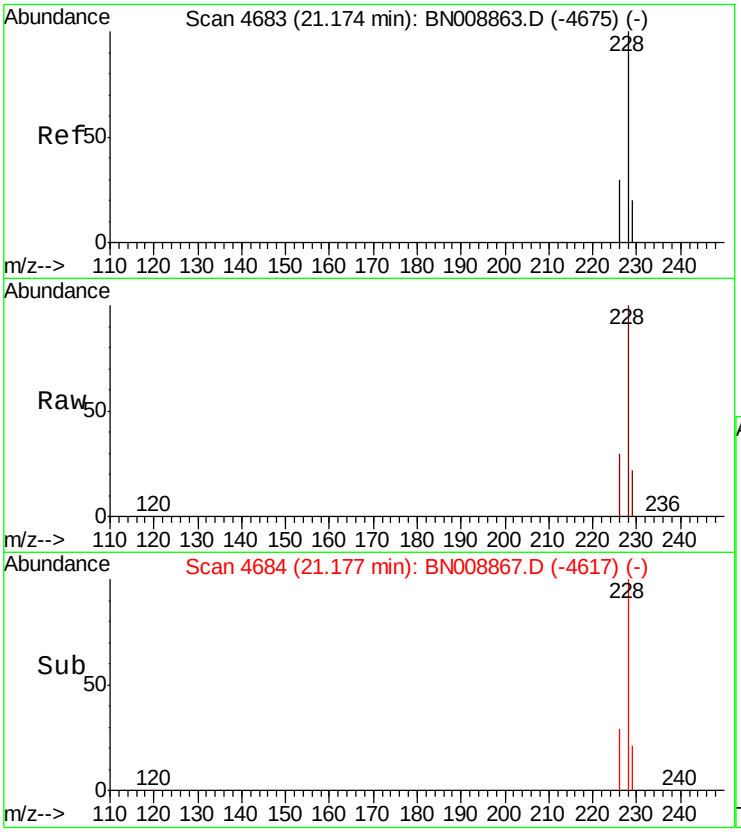


#18
Benzo(a)anthracene
Concen: 1.918 ng/ul
RT: 21.12 min Scan# 4666
Delta R.T. -0.00 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:228 Resp: 137517

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	30.1	21.5	32.3

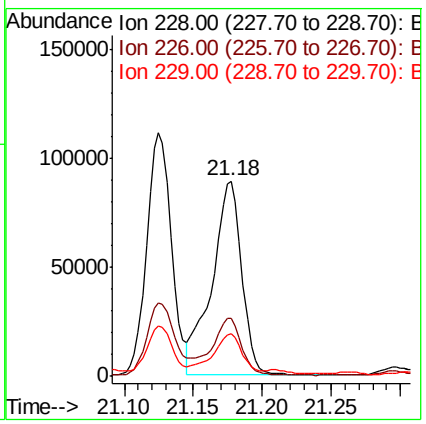




#19
Chrysene
Concen: 1.885 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. -0.00 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:228 Resp: 132791

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	21.7	15.6	23.4



Instrument :
BNA_N
ClientSampleId :
C0BL9

Manual Integrations APPROVED
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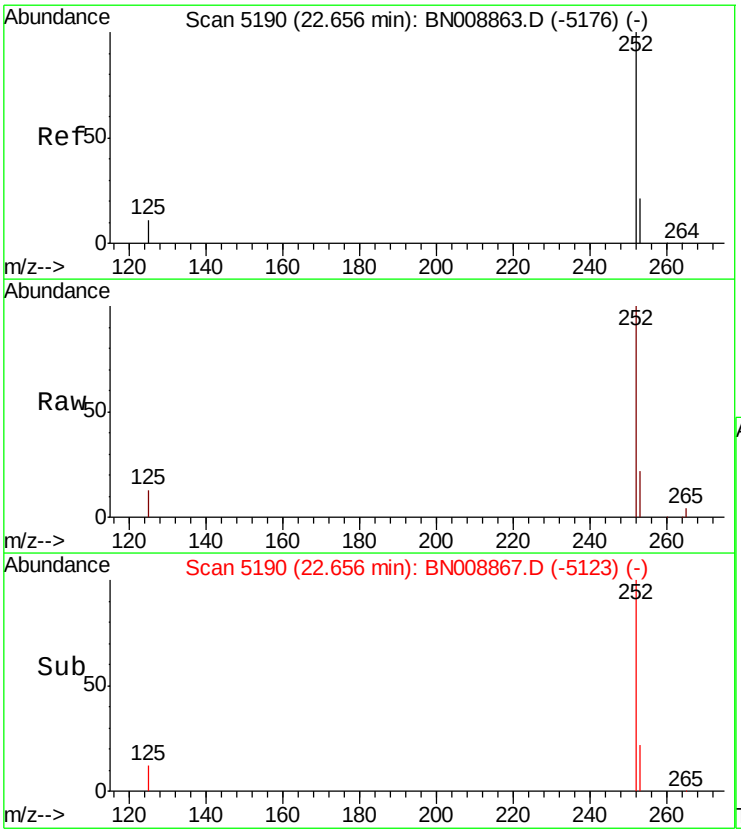
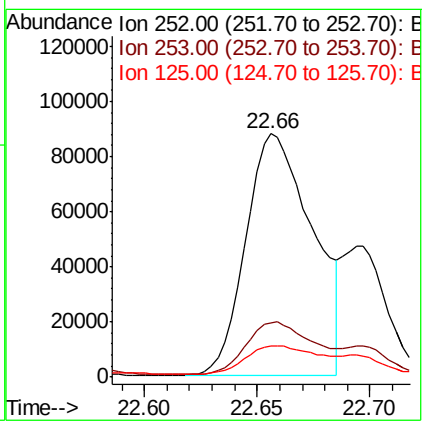
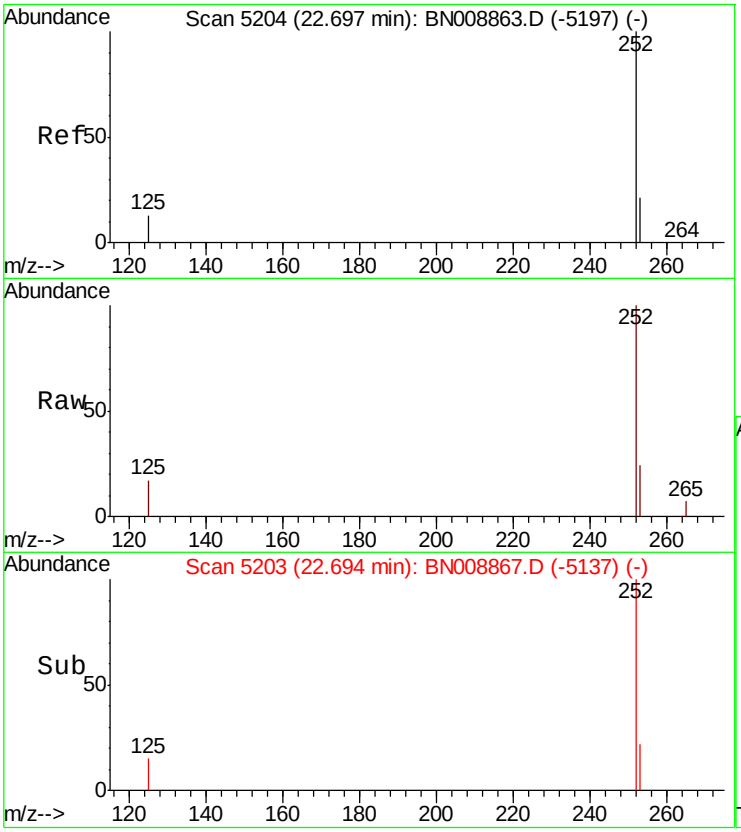


#21
Benzo(b)fluoranthene
Concen: 2.264 ng/ul m
RT: 22.66 min Scan# 5190
Delta R.T. -0.00 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:252 Resp: 181939

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	48.6
125	12.8	0.0	31.6

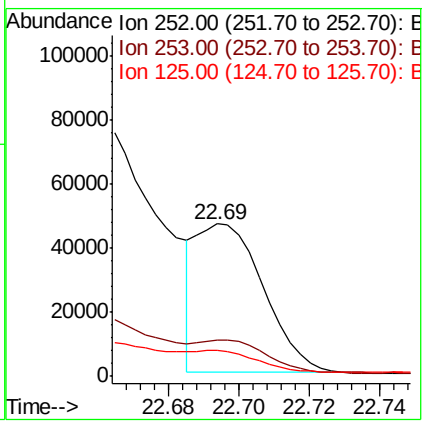




#22
Benzo(k)fluoranthene
Concen: 0.756 ng/ul m
RT: 22.69 min Scan# 5203
Delta R.T. -0.01 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:252 Resp: 60229

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.6	29.4
125	16.9	13.8	20.6



Instrument :
BNA_N
ClientSampleId :
C0BL9

Manual Integrations APPROVED
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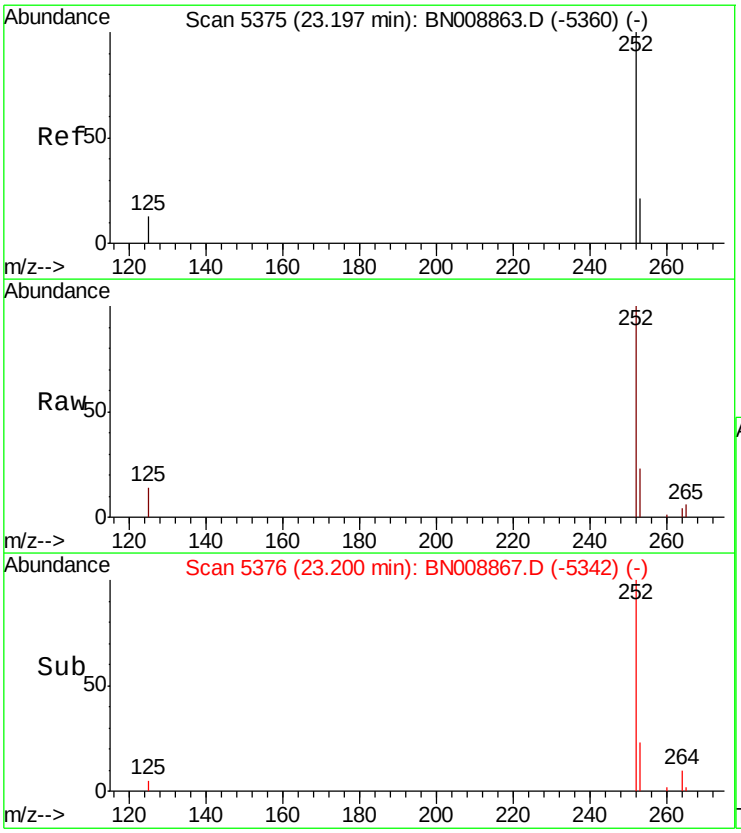
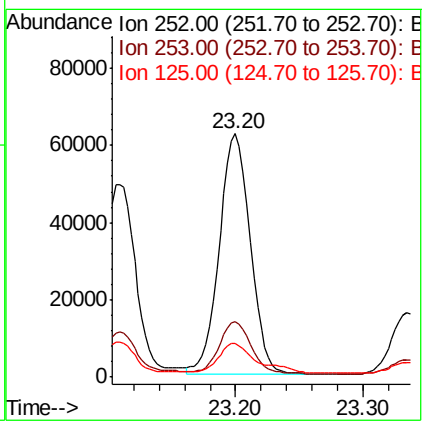
12/9/2019 3:07:49 PM

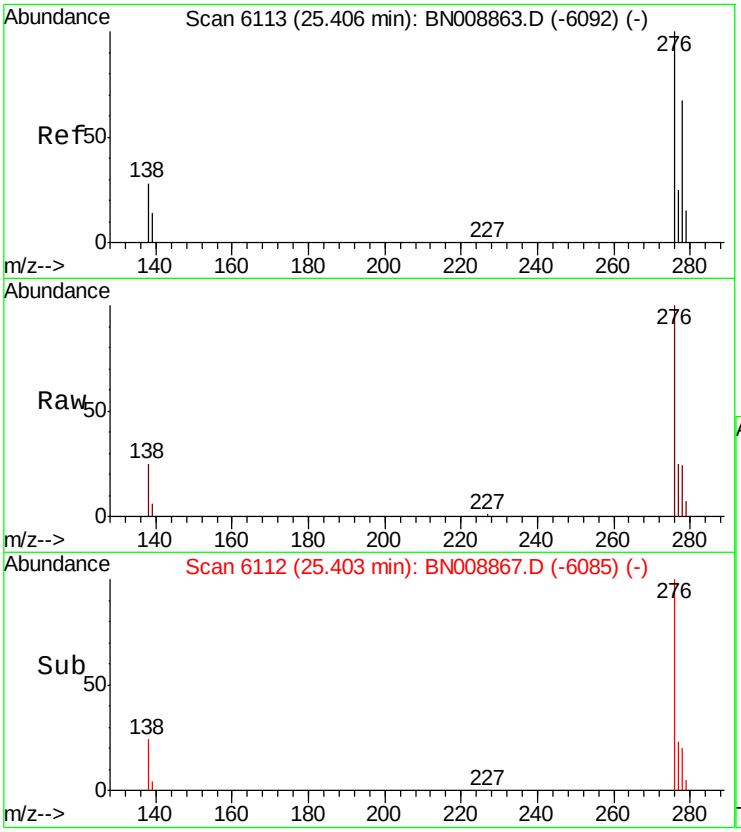


#23
Benzo(a)pyrene
Concen: 1.391 ng/ul
RT: 23.20 min Scan# 5376
Delta R.T. -0.00 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:252 Resp: 104945

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.9	29.9
125	14.0	14.6	22.0#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.852 ng/ul
RT: 25.40 min Scan# 6112
Delta R.T. -0.01 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:276 Resp: 75155

Ion	Ratio	Lower	Upper
276	100		
138	25.6	23.8	35.6
227	0.3	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
C0BL9

Manual Integrations APPROVED
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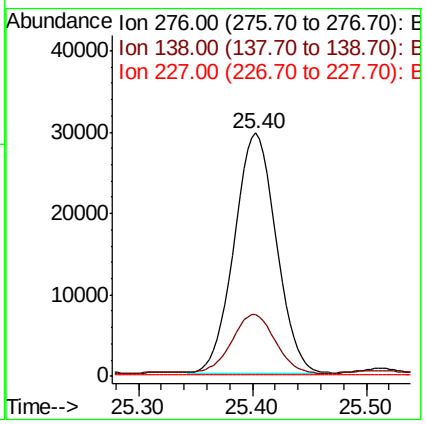
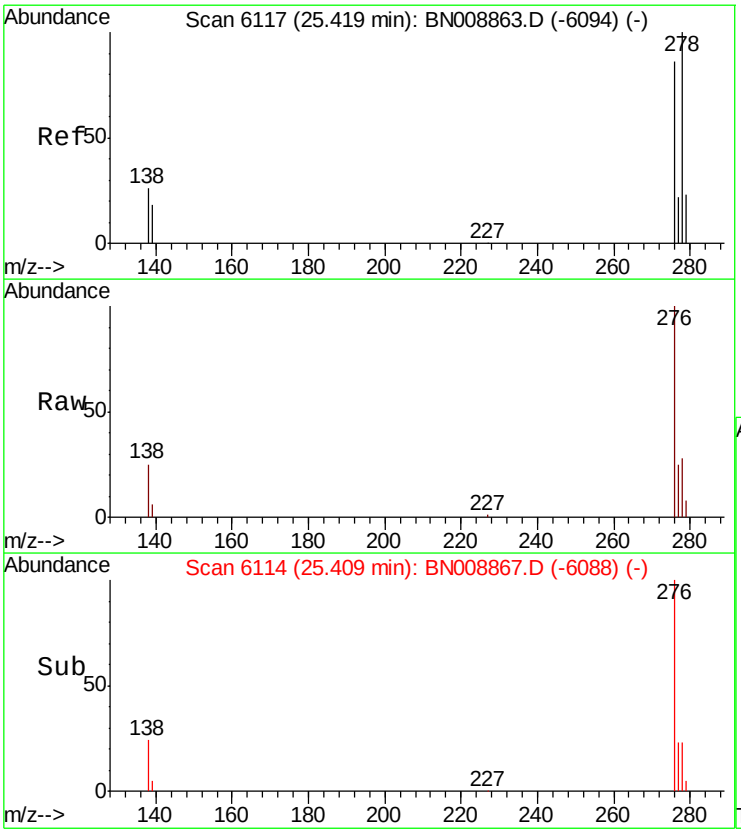
12/9/2019 3:07:49 PM

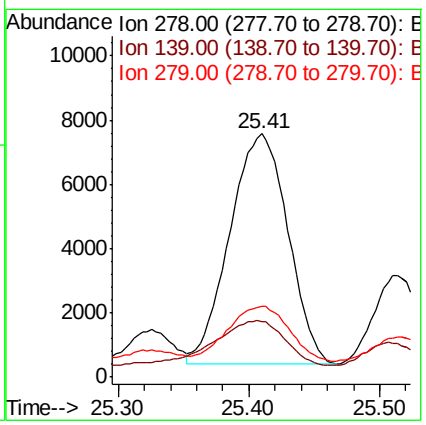


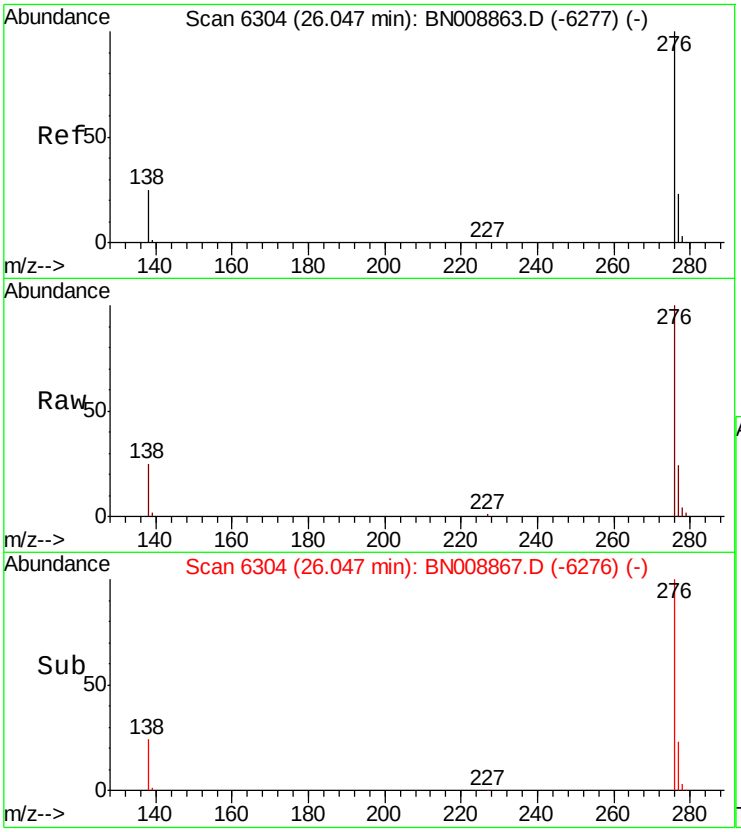


#25
Dibenzo(a,h)anthracene
Concen: 0.311 ng/ul
RT: 25.41 min Scan# 6114
Delta R.T. -0.01 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:278 Resp: 22167

Ion	Ratio	Lower	Upper
278	100		
139	22.9	17.4	26.0
279	29.3	20.5	30.7

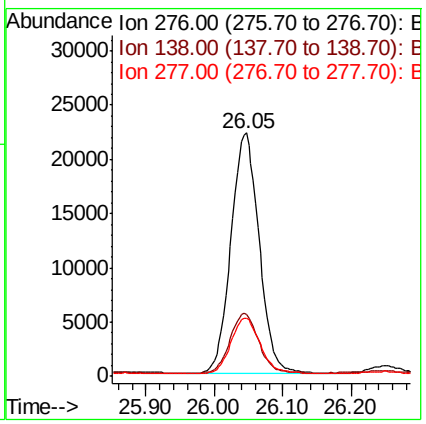




#26
Benzo(g,h,i)perylene
Concen: 0.865 ng/ul
RT: 26.05 min Scan# 6304
Delta R.T. -0.01 min
Lab File: BN008867.D
Acq: 06 Dec 2019 19:37

Tgt Ion:276 Resp: 63824

Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.9	32.9
277	24.0	19.9	29.9



Instrument :
BNA_N
ClientSampleId :
C0BL9

Manual Integrations APPROVED
mohammad
12/9/2019 3:07:49 PM