Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008879.D
Acq On : 07 Dec 2019 02:46
Operator : JU
Sample : K6007-07DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BL5DL

Manual Integrations APPROVED
mohammad
12/9/2019 3:08:26 PM

Quant Time: Dec 07 03:48:55 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 23:00:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2911	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	13336	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	9513	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	21029	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	18777	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	20290	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	1804	0.08	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	5576	0.09	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.37	128	11336	0.282	ng/ul	99
5) 2-Methylnaphthalene	11.99	142	18998	0.677	ng/ul	99
7) Acenaphthylene	13.91	152	1059	0.020	ng/ul#	69
8) Acenaphthene	14.25	153	1681	0.043	ng/ul	96
9) Fluorene	15.25	166	3946	0.086	ng/ul#	88
12) Phenanthrene	16.97	178	78355	1.105	ng/ul	99
13) Anthracene	17.07	178	7479	0.112	ng/ul	96
15) Fluoranthene	19.00	202	49826	0.572	ng/ul	99
17) Pyrene	19.36	202	40836	0.542	ng/ul	99
18) Benzo(a)anthracene	21.12	228	18638	0.247	ng/ul#	91
19) Chrysene	21.17	228	33360	0.450	ng/ul#	94
21) Benzo(b)fluoranthene	22.65	252	26841m	0.321	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	8286m	0.100	ng/ul	
23) Benzo(a)pyrene	23.19	252	14102	0.180	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.39	276	8836	0.096	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.40	278	3236	0.044	ng/ul#	58
26) Benzo(g,h,i)perylene	26.03	276	8668	0.113	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008879.D
Acq On : 07 Dec 2019 02:46
Operator : JU
Sample : K6007-07DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 07 03:48:55 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 23:00:12 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BL5DL

Manual Integrations APPROVED
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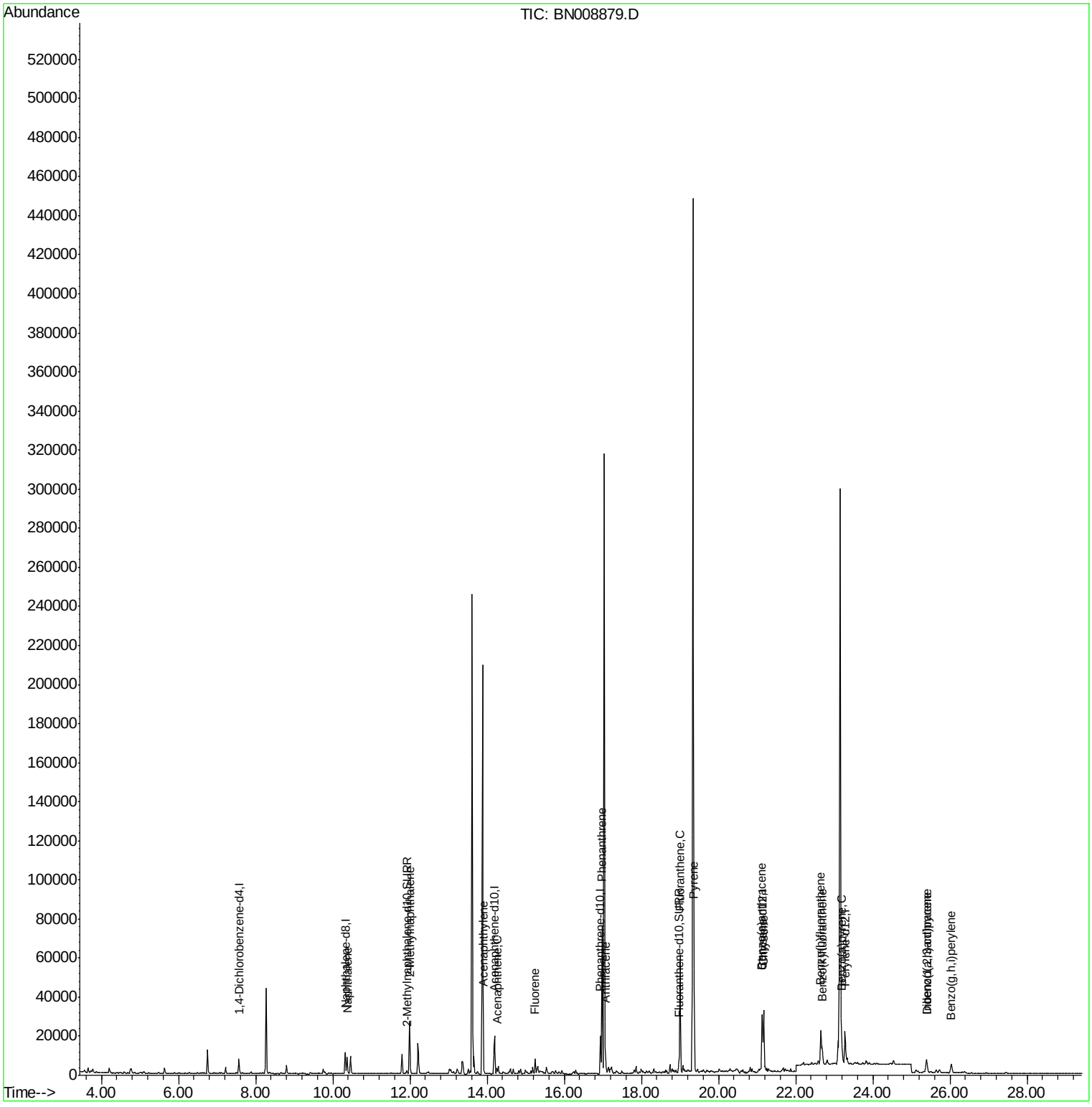
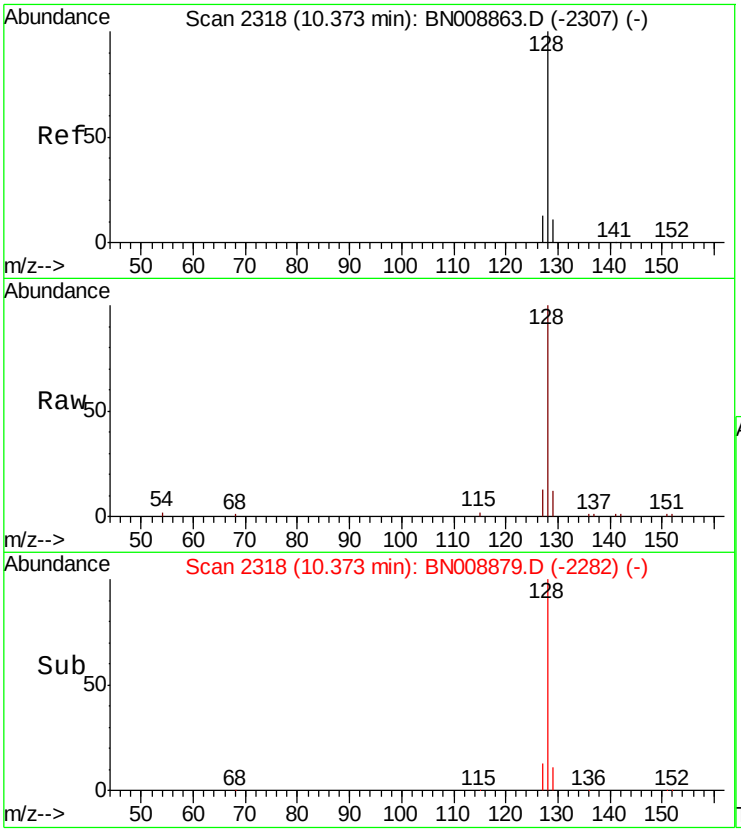
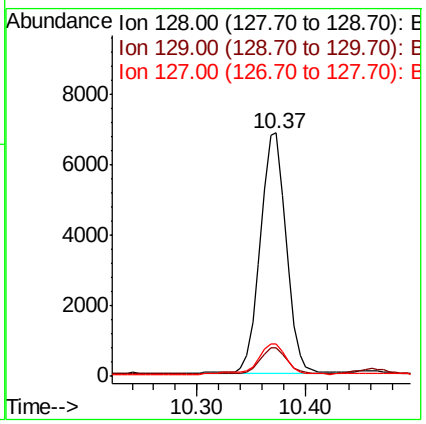




#3
Naphthalene
Concen: 0.282 ng/ul
RT: 10.37 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:128 Resp: 11336

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	13.3	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
C0BL5DL

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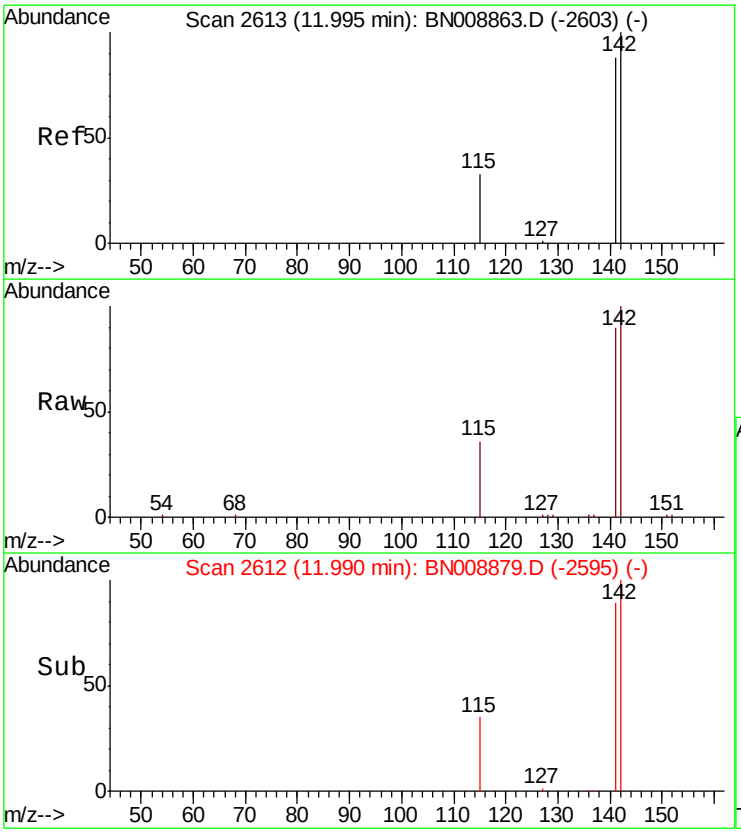
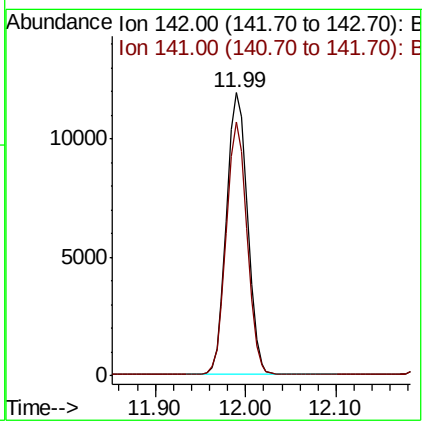
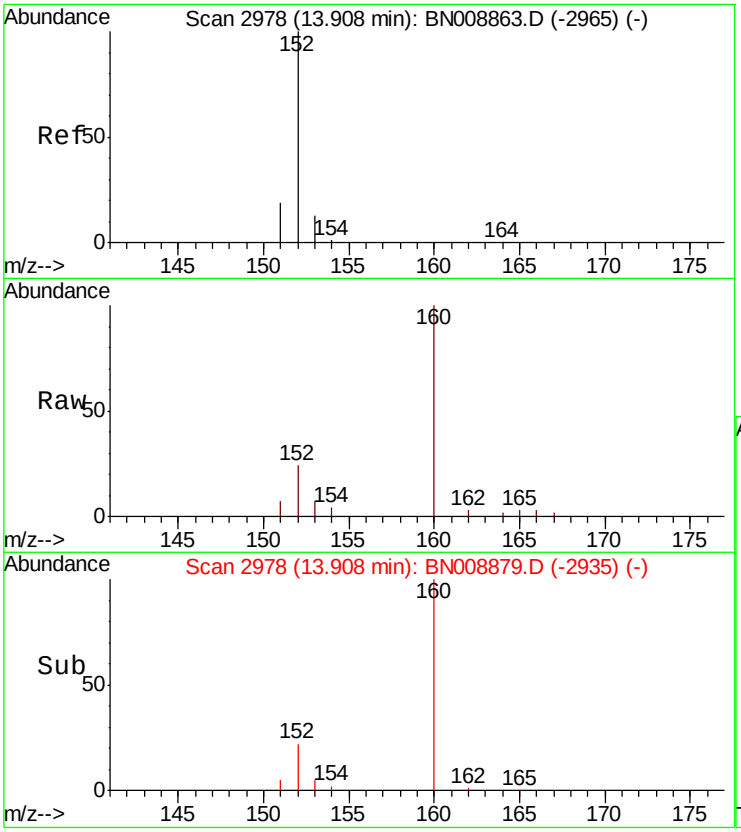


#5
2-Methylnaphthalene
Concen: 0.677 ng/ul
RT: 11.99 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:142 Resp: 18998

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.1	105.1





#7
Acenaphthylene
Concen: 0.020 ng/ul
RT: 13.91 min Scan# 2978
Delta R.T. 0.00 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:152 Resp: 1059

Ion	Ratio	Lower	Upper
152	100		
151	29.2	15.8	23.6#
153	31.4	10.6	15.8#

Instrument :
BNA_N
ClientSampleId :
C0BL5DL

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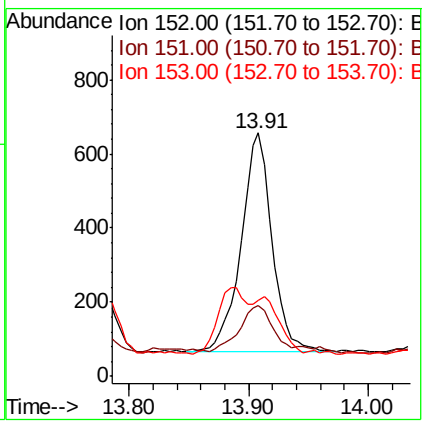
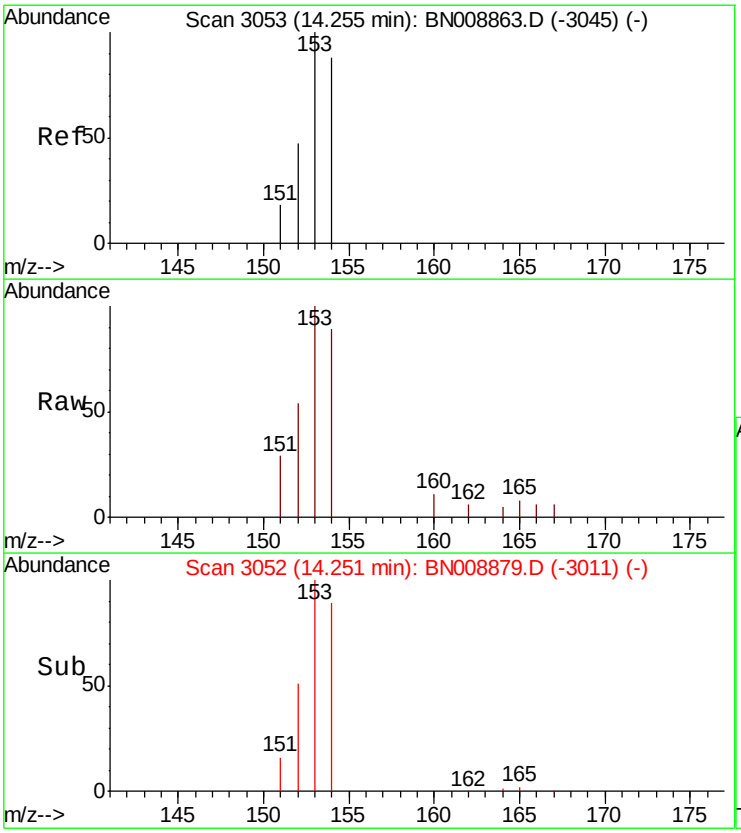
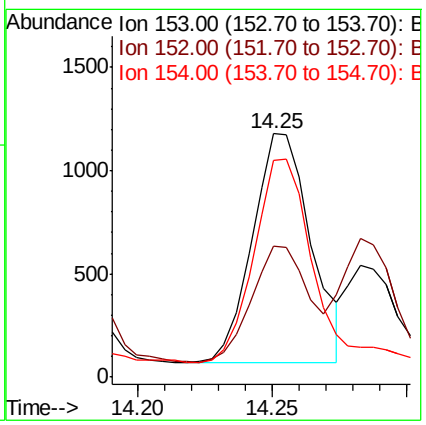


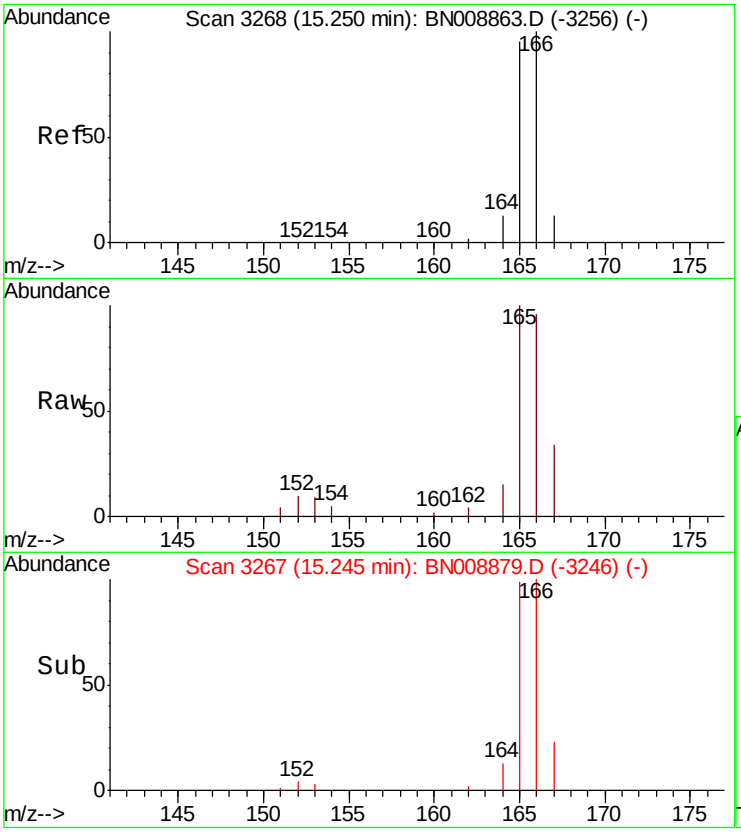


#8
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.25 min Scan# 3052
Delta R.T. -0.01 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:153 Resp: 1681

Ion	Ratio	Lower	Upper
153	100		
152	54.0	38.6	58.0
154	89.3	70.6	105.8

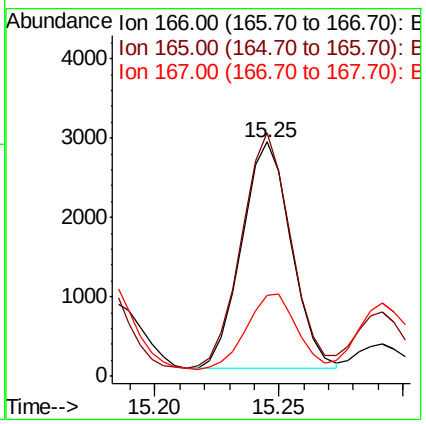




#9
Fluorene
Concen: 0.086 ng/ul
RT: 15.25 min Scan# 3267
Delta R.T. -0.00 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:166 Resp: 3946

Ion	Ratio	Lower	Upper
166	100		
165	103.9	77.7	116.5
167	34.8	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
C0BL5DL

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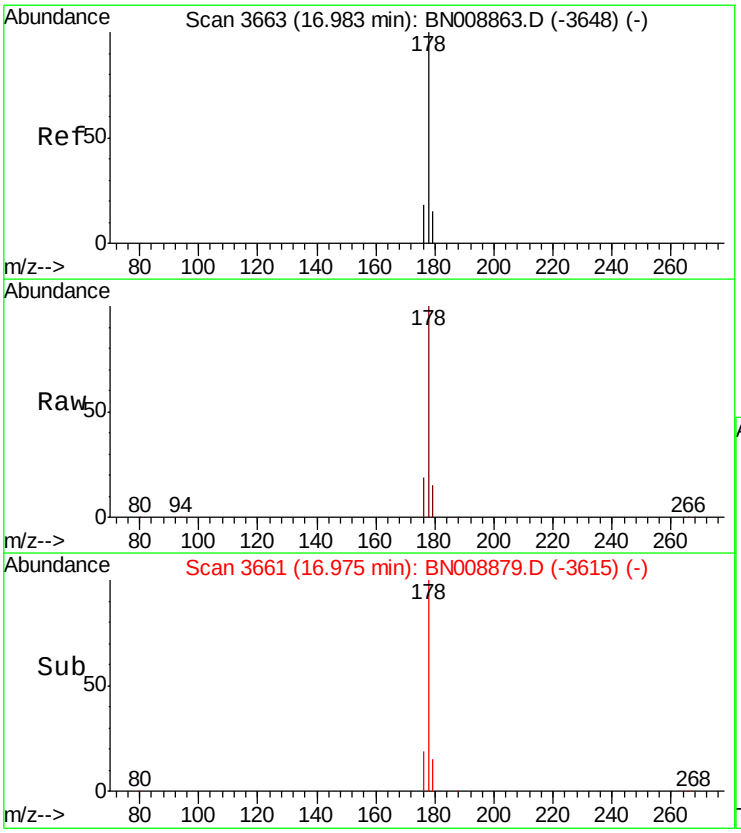
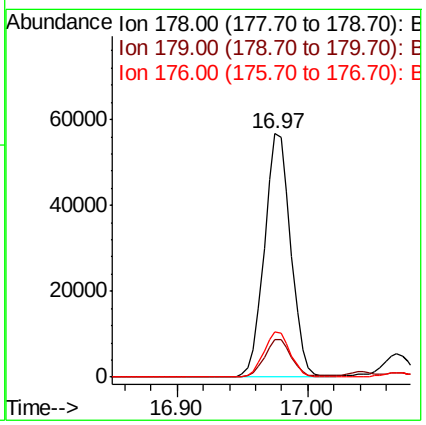
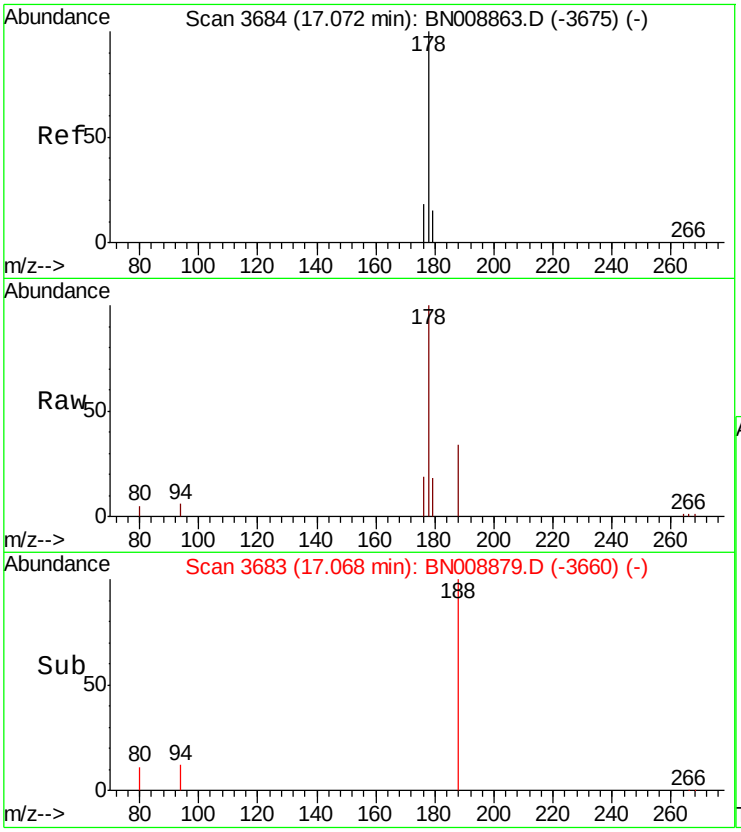


#12
Phenanthrene
Concen: 1.105 ng/ul
RT: 16.97 min Scan# 3661
Delta R.T. -0.00 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:178 Resp: 78355

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	18.8	15.3	22.9

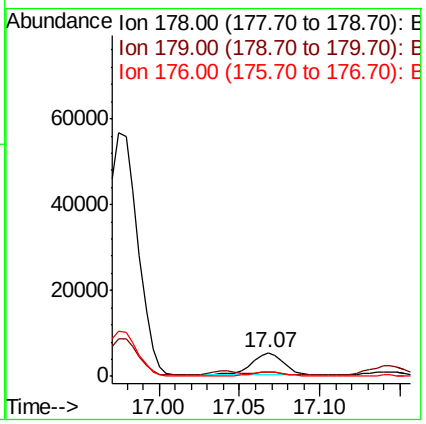




#13
Anthracene
Concen: 0.112 ng/ul
RT: 17.07 min Scan# 3683
Delta R.T. -0.00 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:178 Resp: 7479

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.2	18.4
176	19.2	14.7	22.1



Instrument :
BNA_N
ClientSampleId :
C0BL5DL

Manual Integrations APPROVED
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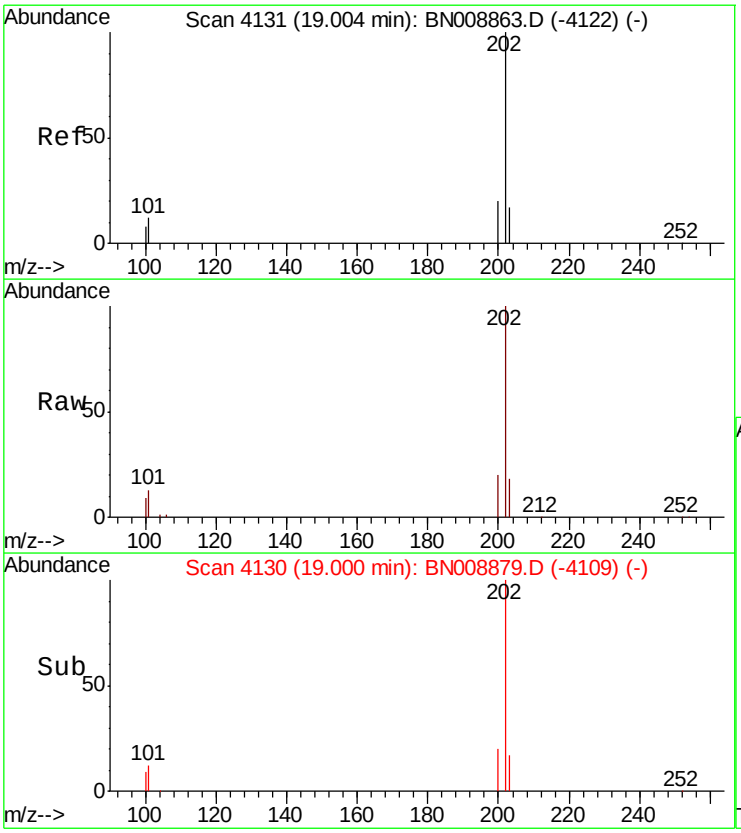
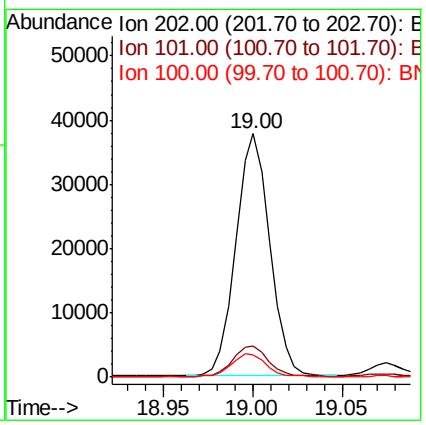
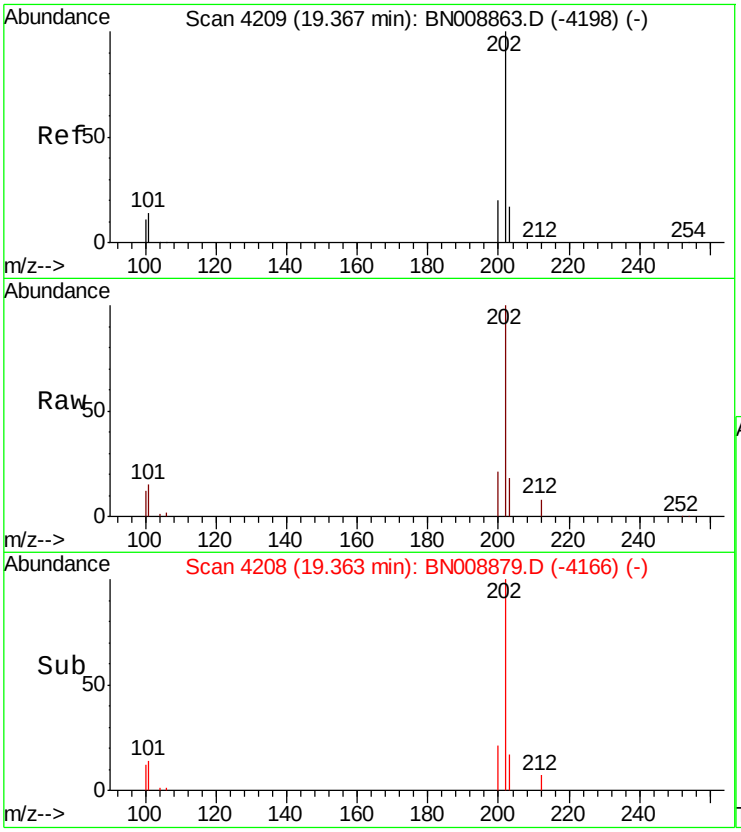


#15
Fluoranthene
Concen: 0.572 ng/ul
RT: 19.00 min Scan# 4130
Delta R.T. -0.00 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:202 Resp: 49826

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.4
100	9.2	0.0	29.2





#17
Pyrene
Concen: 0.542 ng/ul
RT: 19.36 min Scan# 4208
Delta R.T. -0.00 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:202 Resp: 40836

Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.2	18.4
100	12.0	9.5	14.3

Instrument :
BNA_N
ClientSampleId :
C0BL5DL

Manual Integrations APPROVED
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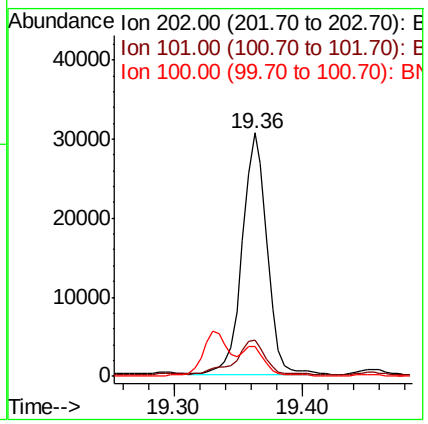
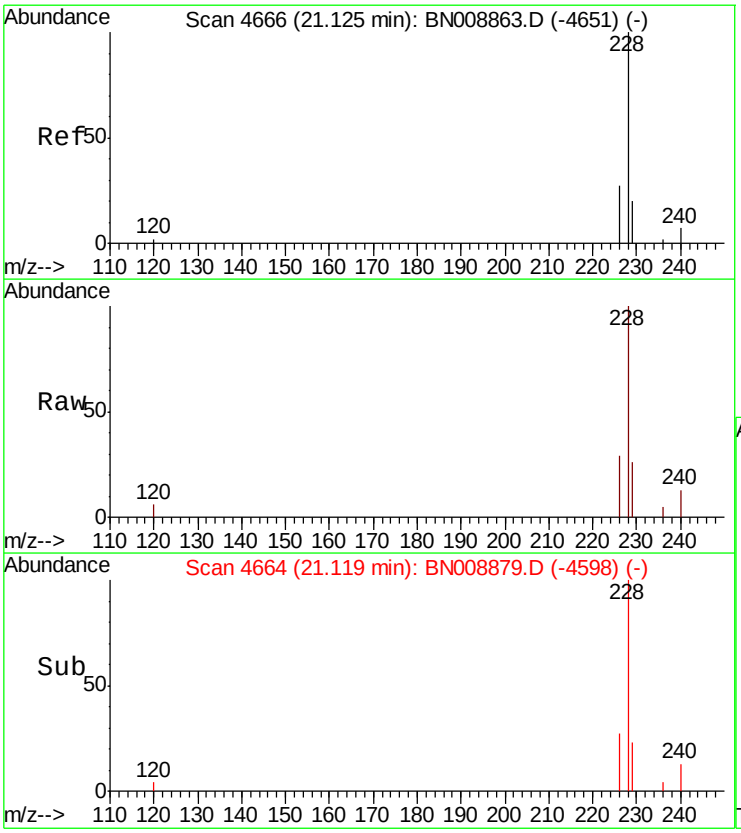
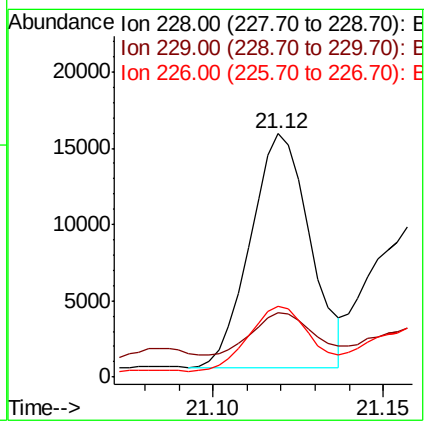


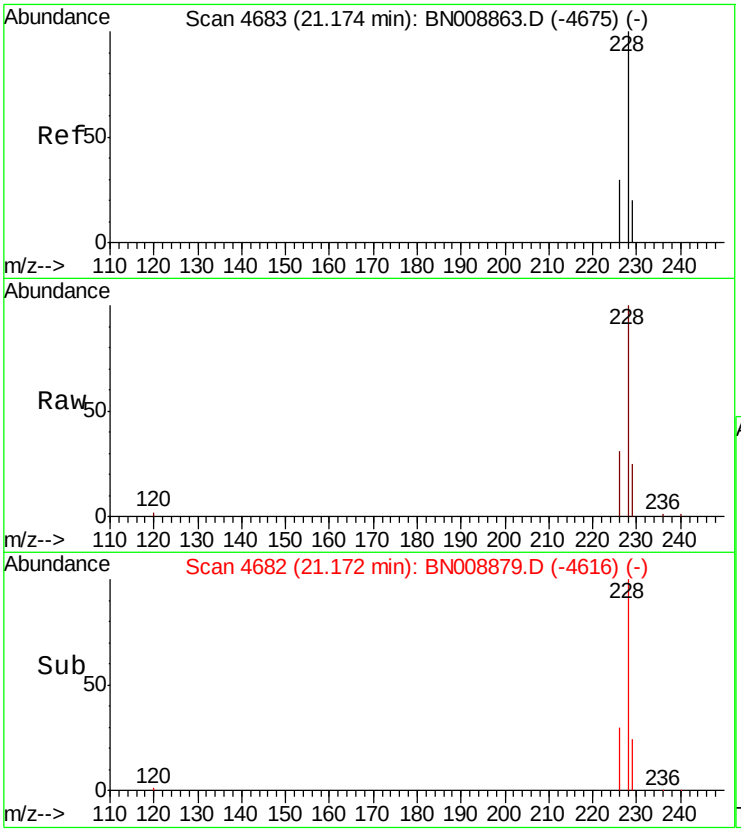


#18
Benzo(a)anthracene
Concen: 0.247 ng/ul
RT: 21.12 min Scan# 4664
Delta R.T. -0.01 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:228 Resp: 18638

Ion	Ratio	Lower	Upper
228	100		
229	26.3	15.7	23.5#
226	29.0	21.5	32.3





#19
Chrysene
Concen: 0.450 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. -0.01 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:228 Resp: 33360

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	25.4	15.6	23.4#

Instrument :
BNA_N
ClientSampleId :
C0BL5DL

Manual Integrations APPROVED
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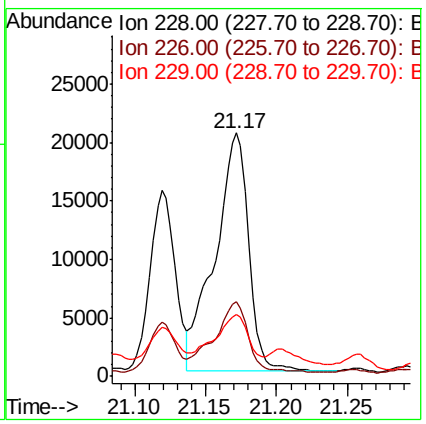
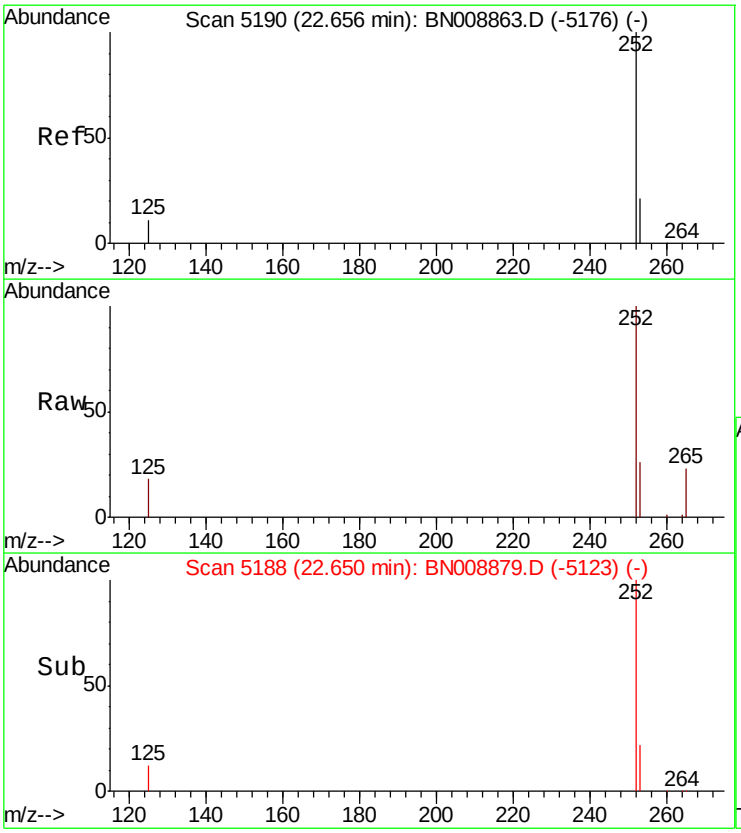
12/9/2019 3:08:26 PM

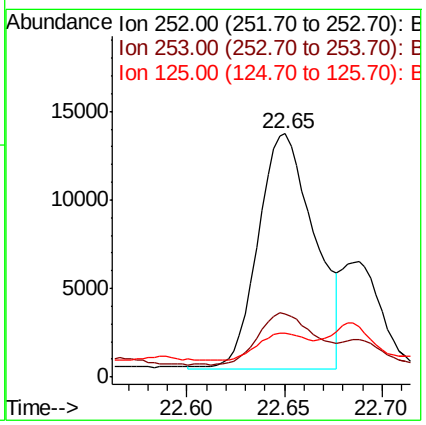


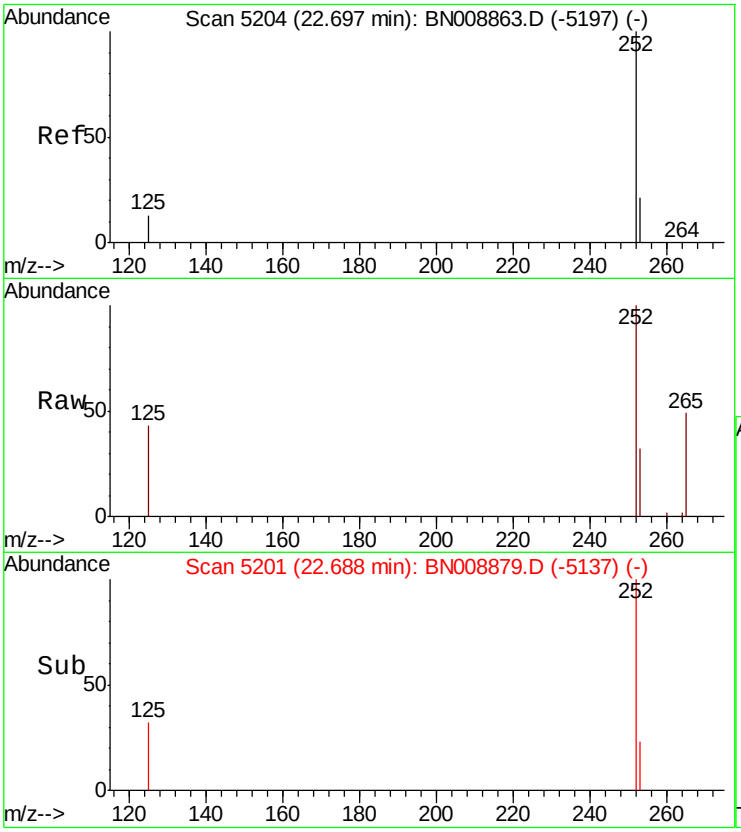


#21
Benzo(b)fluoranthene
Concen: 0.321 ng/ul m
RT: 22.65 min Scan# 5188
Delta R.T. -0.01 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:252 Resp: 26841

Ion	Ratio	Lower	Upper
252	100		
253	26.2	0.0	48.6
125	18.1	0.0	31.6





#22
Benzo(k)fluoranthene
Concen: 0.100 ng/ul m
RT: 22.69 min Scan# 5201
Delta R.T. -0.01 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:252 Resp: 8286

Ion	Ratio	Lower	Upper
252	100		
253	32.1	19.6	29.4#
125	43.2	13.8	20.6#

Instrument :
BNA_N
ClientSampleId :
C0BL5DL

Manual Integrations APPROVED
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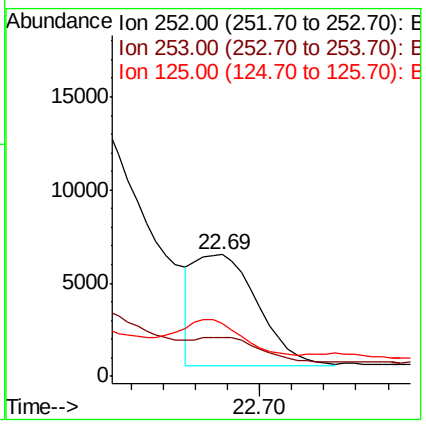
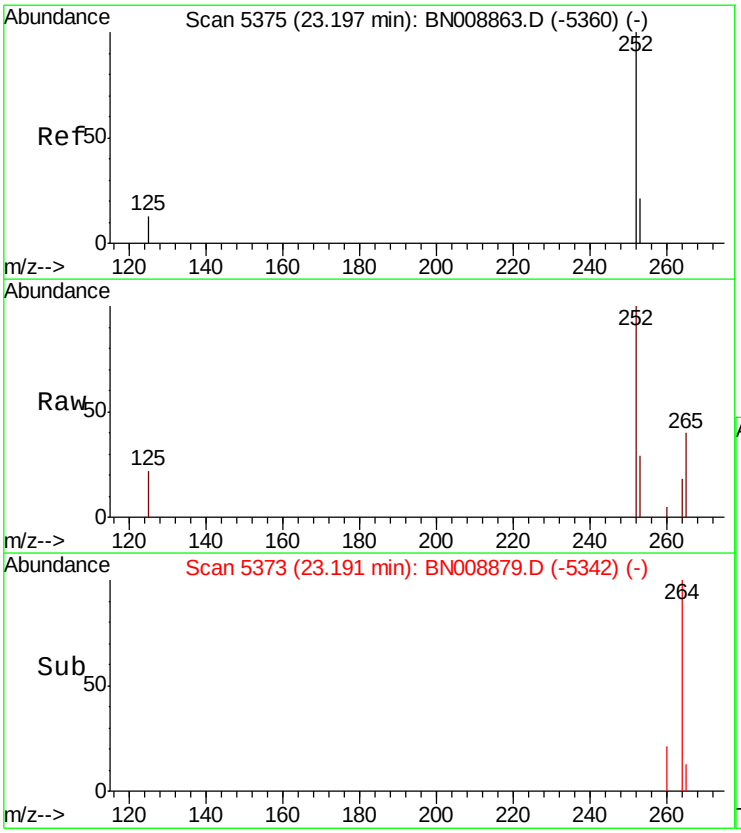
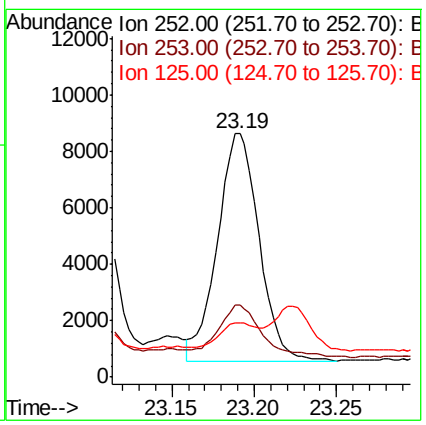


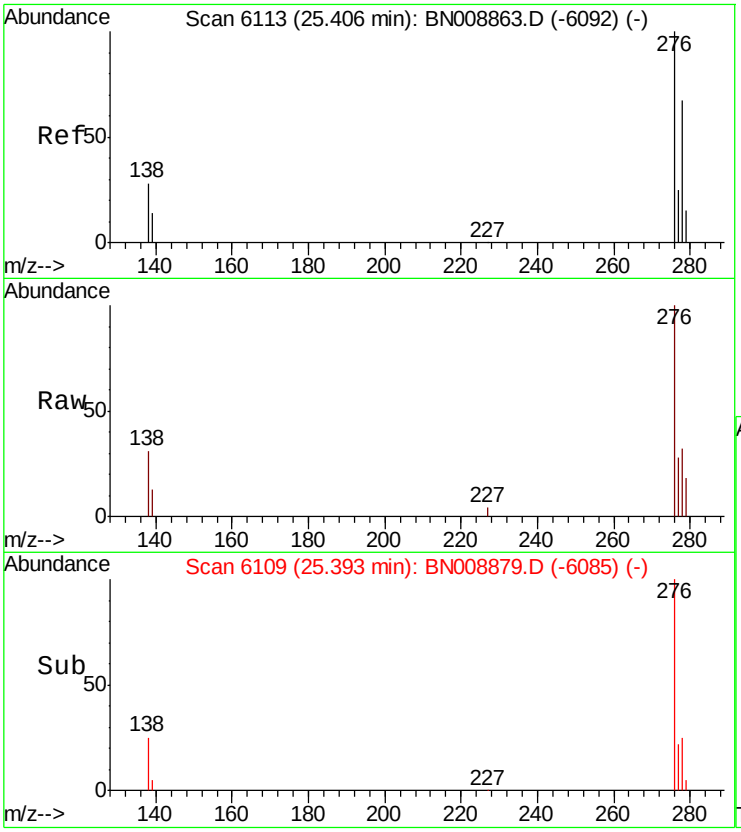


#23
Benzo(a)pyrene
Concen: 0.180 ng/ul
RT: 23.19 min Scan# 5373
Delta R.T. -0.01 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:252 Resp: 14102

Ion	Ratio	Lower	Upper
252	100		
253	29.5	19.9	29.9
125	22.4	14.6	22.0#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.096 ng/ul
RT: 25.39 min Scan# 6109
Delta R.T. -0.02 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:276 Resp: 8836

Ion	Ratio	Lower	Upper
276	100		
138	32.0	23.8	35.6
227	1.5	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
C0BL5DL

Manual Integrations APPROVED
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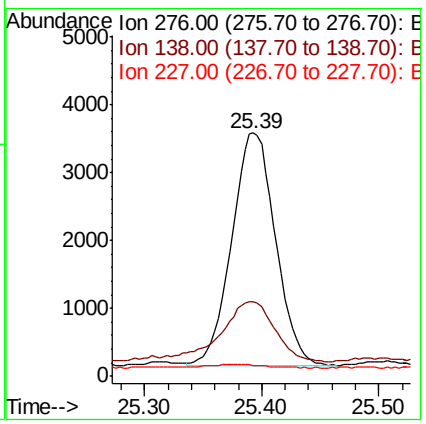
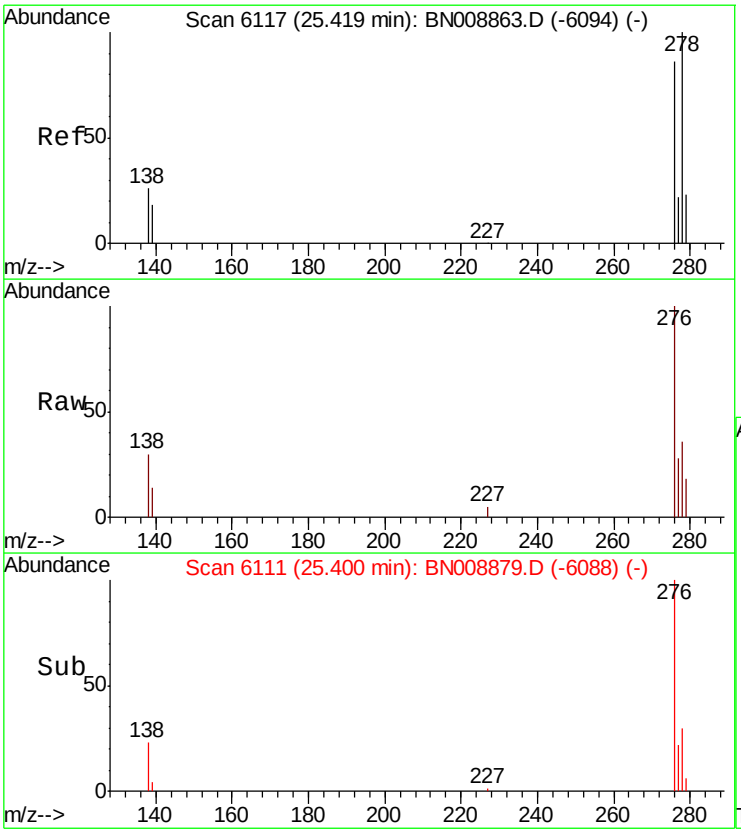
12/9/2019 3:08:26 PM

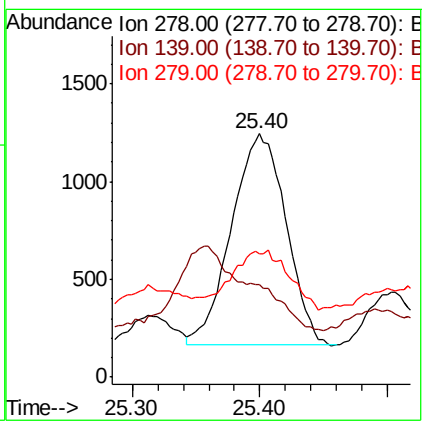


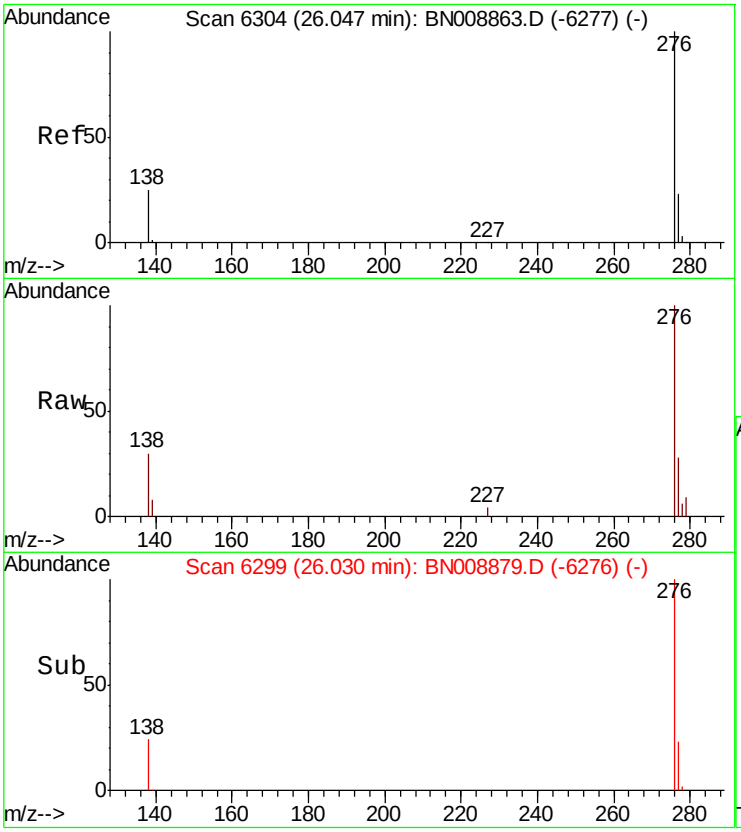


#25
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 25.40 min Scan# 6111
Delta R.T. -0.02 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:278 Resp: 3236

Ion	Ratio	Lower	Upper
278	100		
139	37.9	17.4	26.0#
279	50.6	20.5	30.7#

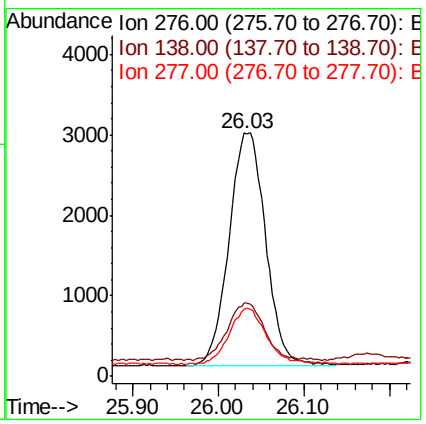




#26
Benzo(g,h,i)perylene
Concen: 0.113 ng/ul
RT: 26.03 min Scan# 6299
Delta R.T. -0.02 min
Lab File: BN008879.D
Acq: 07 Dec 2019 02:46

Tgt Ion:276 Resp: 8668

Ion	Ratio	Lower	Upper
276	100		
138	30.1	21.9	32.9
277	27.6	19.9	29.9



Instrument :
BNA_N
ClientSampleId :
C0BL5DL

Manual Integrations APPROVED
mohammad
12/9/2019 3:08:26 PM