Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008683.D
Acq On : 21 Nov 2019 18:39
Operator : JU
Sample : K5851-08DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA6DL

Manual Integrations APPROVED
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11/22/2019 1:23:30 PM

Quant Time: Nov 22 06:46:16 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 Nov 22 06:30:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3443	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	12255	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	7298	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14201	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	12073	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	12281	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	859	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	2092	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	5246	0.142	ng/ul	96
5) 2-Methylnaphthalene	12.04	142	4092	0.159	ng/ul	99
7) Acenaphthylene	13.95	152	1363	0.034	ng/ul#	85
9) Fluorene	15.29	166	979	0.028	ng/ul#	87
12) Phenanthrene	17.02	178	12499	0.261	ng/ul	98
13) Anthracene	17.11	178	2863	0.063	ng/ul#	89
15) Fluoranthene	19.04	202	23717	0.403	ng/ul	92
17) Pyrene	19.40	202	27525	0.568	ng/ul	95
18) Benzo(a)anthracene	21.16	228	15338	0.316	ng/ul	94
19) Chrysene	21.21	228	22261m	0.467	ng/ul	
21) Benzo(b)fluoranthene	22.70	252	29647m	0.585	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	7541m	0.150	ng/ul	
23) Benzo(a)pyrene	23.24	252	13574	0.286	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.48	276	13031	0.234	ng/ul	100
25) Dibenzo(a,h)anthracene	25.48	278	4084	0.091	ng/ul#	42
26) Benzo(g,h,i)perylene	26.12	276	13938	0.300	ng/ul#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008683.D
Acq On : 21 Nov 2019 18:39
Operator : JU
Sample : K5851-08DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 22 06:46:16 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 Nov 22 06:30:58 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA6DL

Manual Integrations APPROVED
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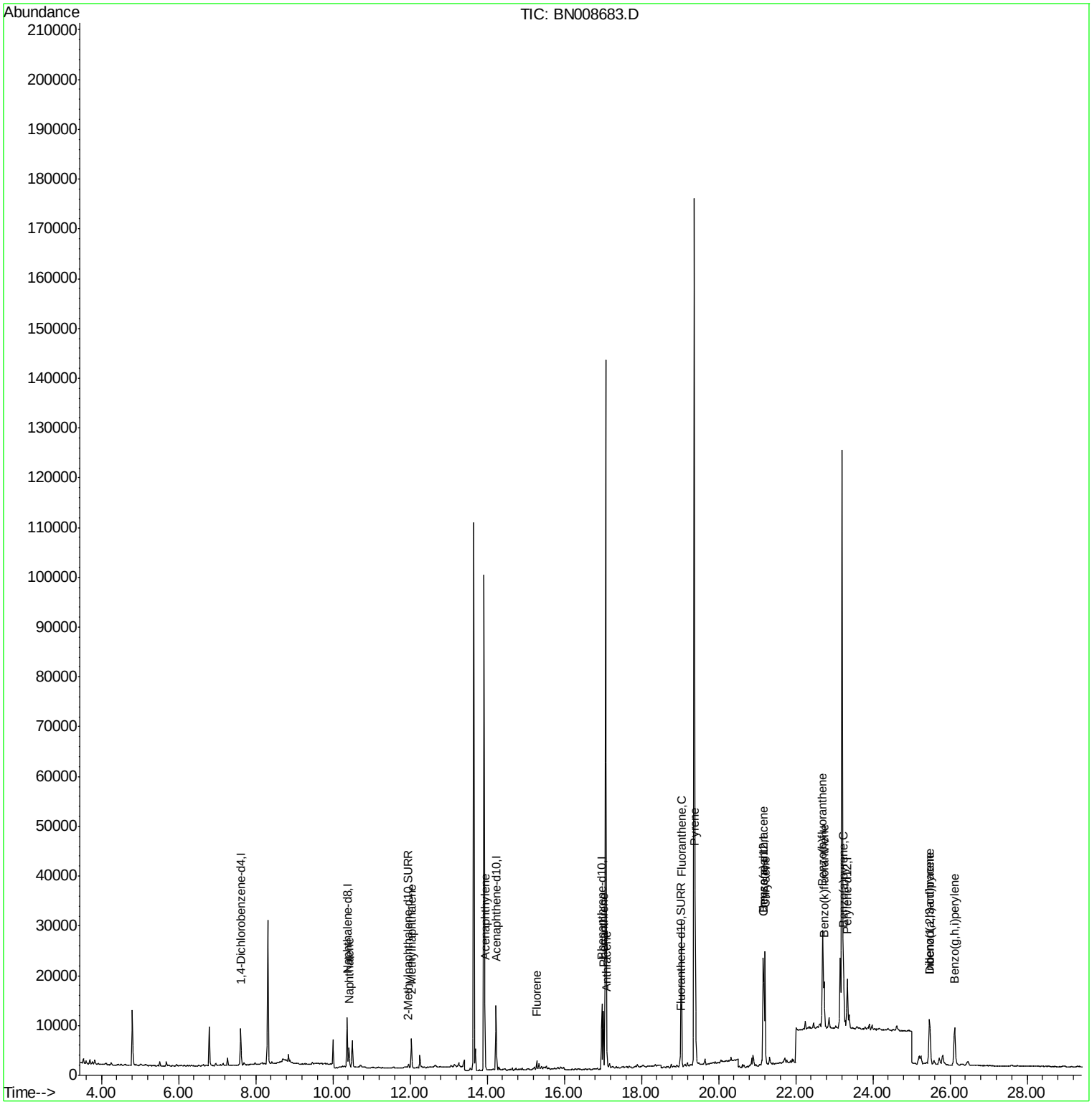
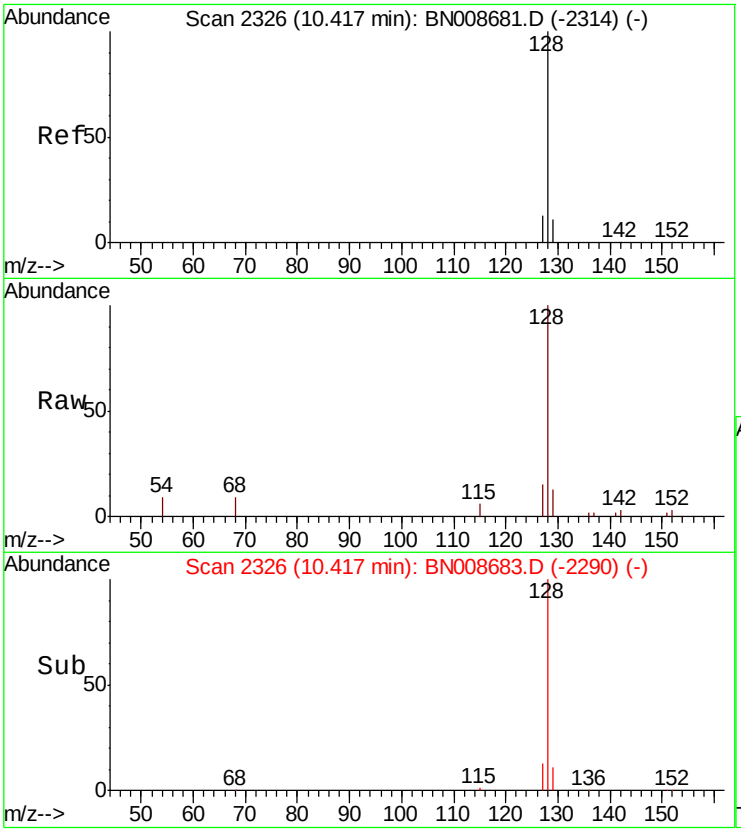
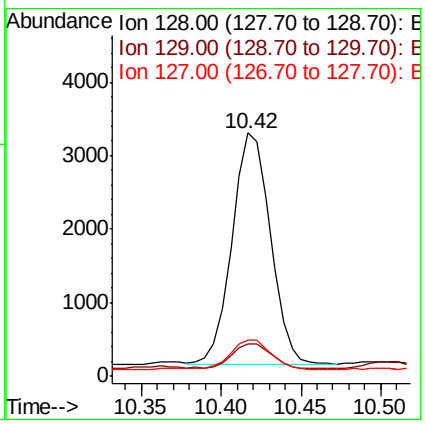




#3
Naphthalene
Concen: 0.142 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:128 Resp: 5246

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.7	14.5
127	15.1	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AA6DL

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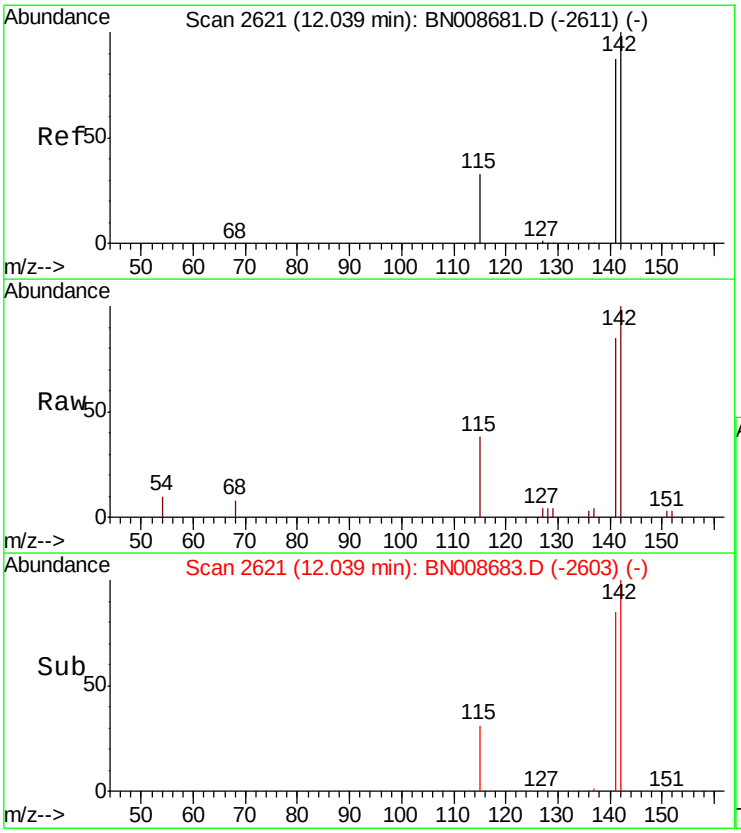
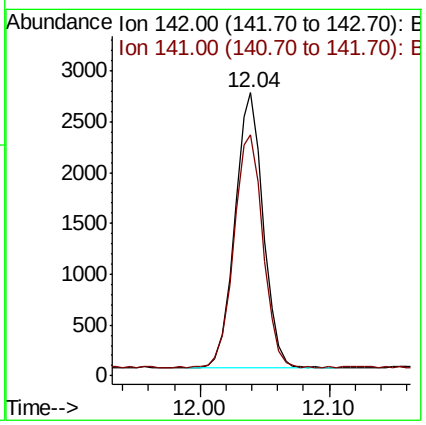
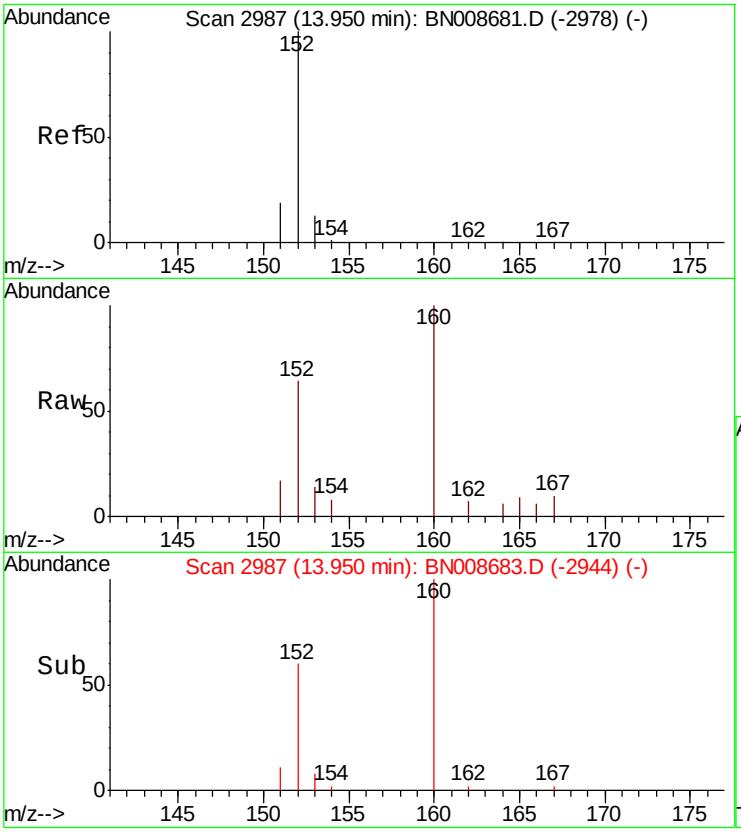


#5
2-Methylnaphthalene
Concen: 0.159 ng/ul
RT: 12.04 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:142 Resp: 4092

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.5	105.7





#7
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.95 min Scan# 2987
Delta R.T. -0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:152 Resp: 1363

Ion	Ratio	Lower	Upper
152	100		
151	25.9	16.6	24.8#
153	22.5	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0AA6DL

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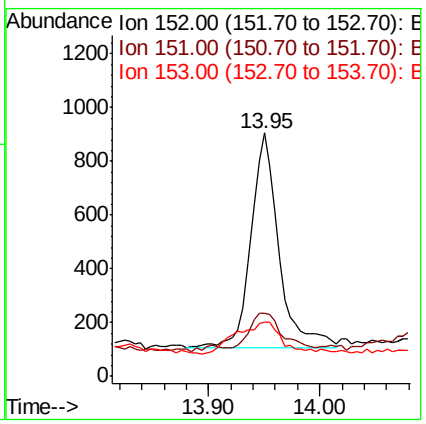
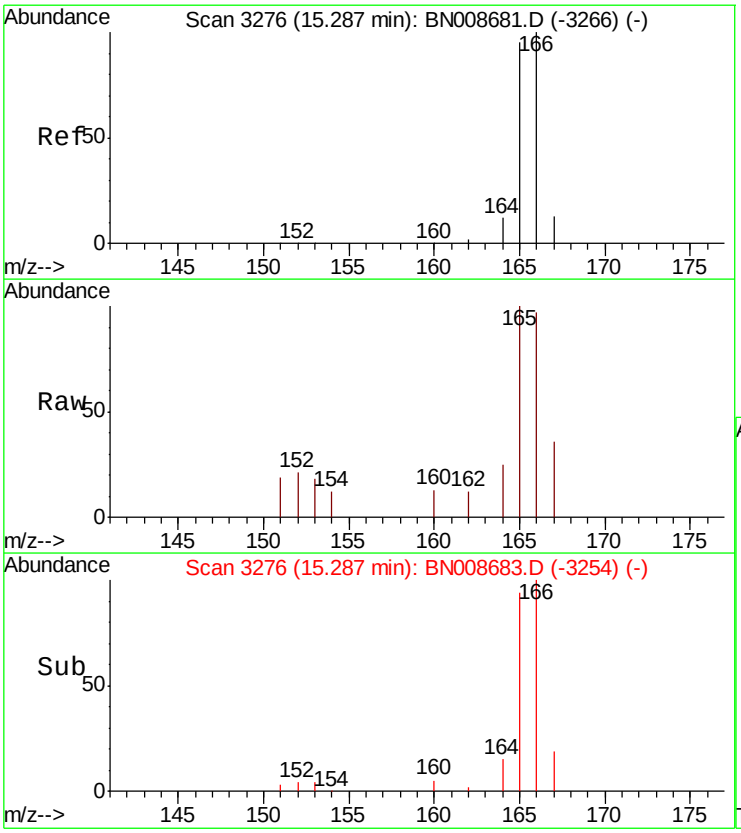
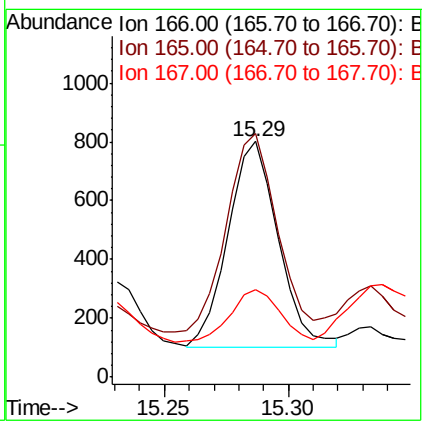


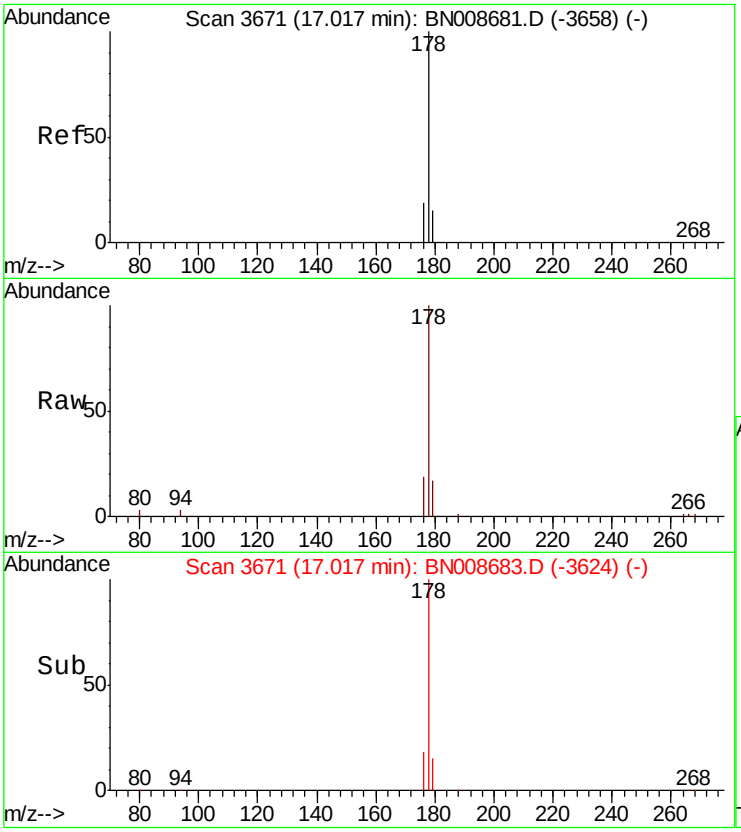


#9
Fluorene
Concen: 0.028 ng/ul
RT: 15.29 min Scan# 3276
Delta R.T. -0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:166 Resp: 979

Ion	Ratio	Lower	Upper
166	100		
165	103.2	77.4	116.0
167	37.0	11.4	17.0#

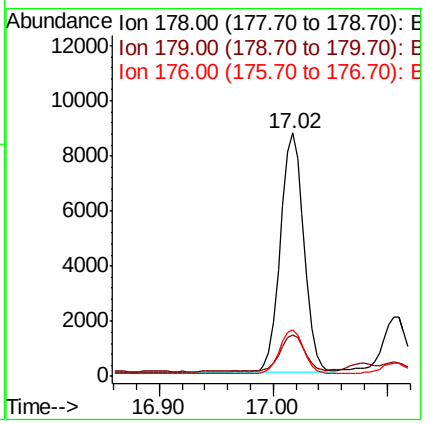




#12
Phenanthrene
Concen: 0.261 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:178 Resp: 12499

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	19.3	16.0	24.0



Instrument :
BNA_N
ClientSampleId :
C0AA6DL

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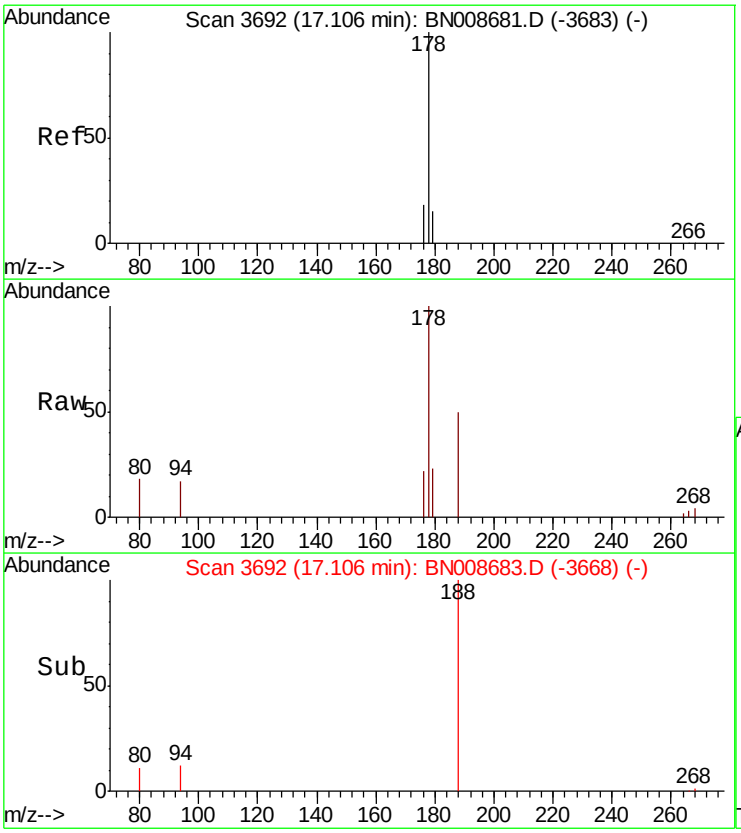
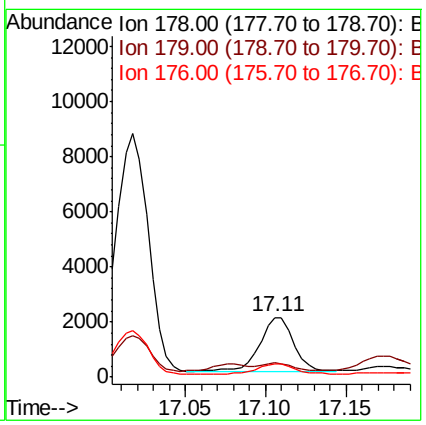
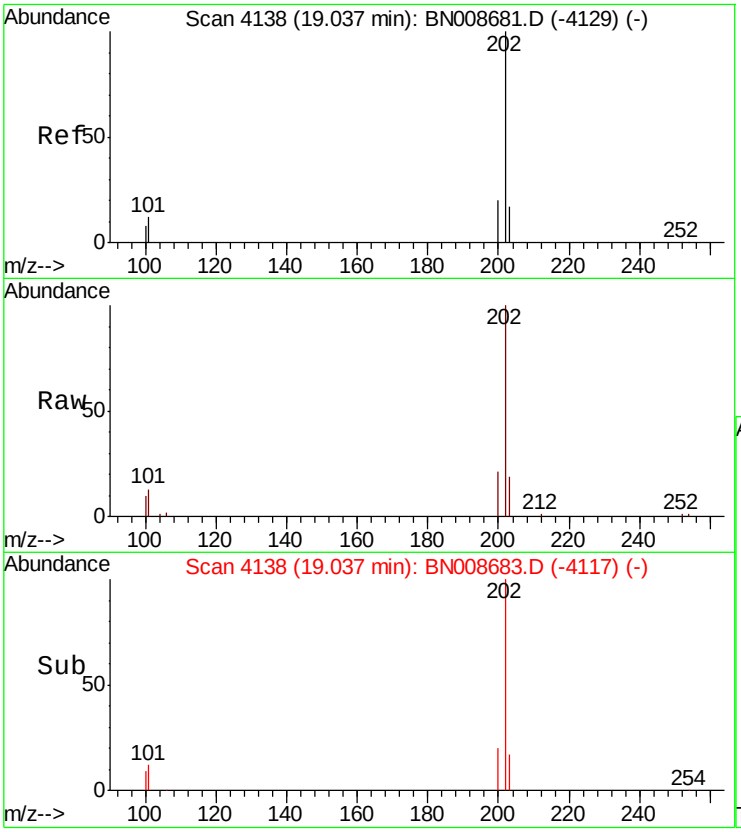


#13
Anthracene
Concen: 0.063 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:178 Resp: 2863

Ion	Ratio	Lower	Upper
178	100		
179	23.4	13.0	19.4#
176	22.1	15.3	22.9





#15
Fluoranthene
Concen: 0.403 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:202 Resp: 23717

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	29.6
100	9.5	0.0	27.0

Instrument :
BNA_N
ClientSampleId :
C0AA6DL

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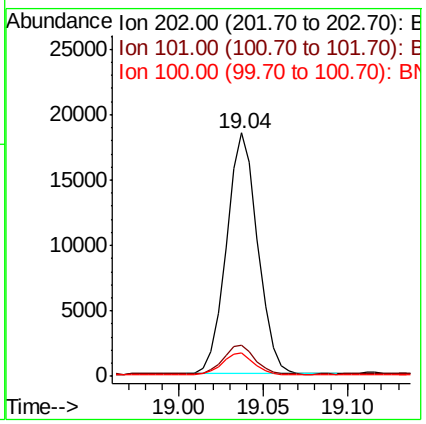
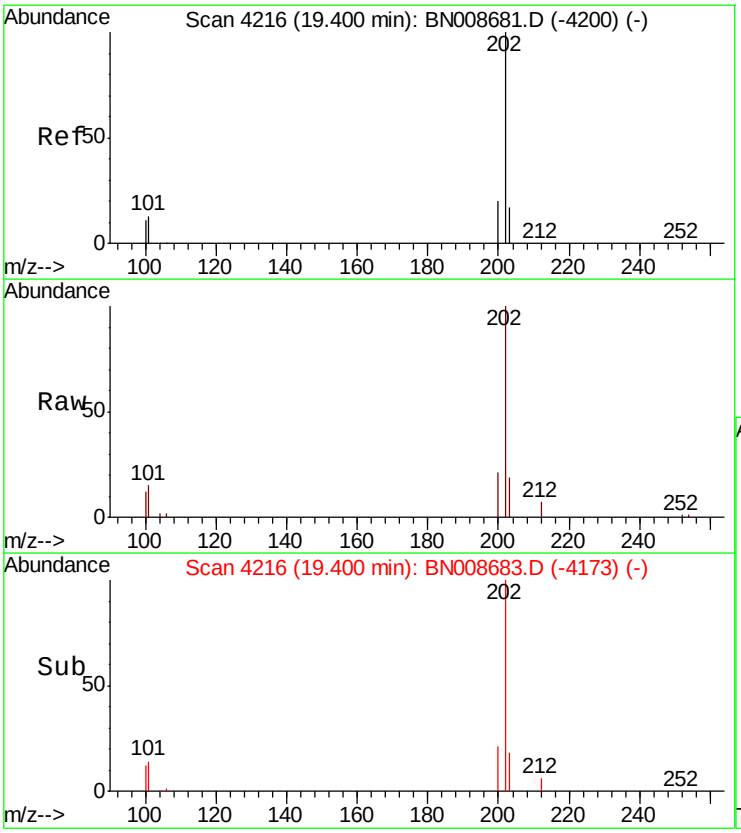
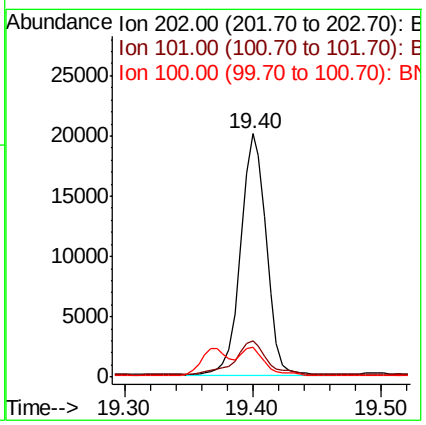


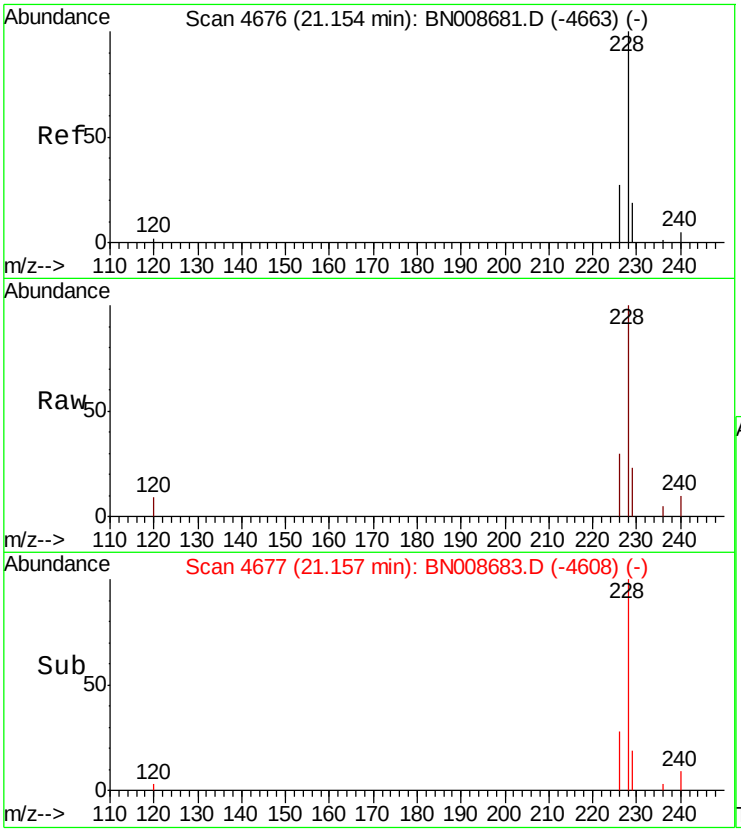


#17
Pyrene
Concen: 0.568 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:202 Resp: 27525

Ion	Ratio	Lower	Upper
202	100		
101	15.0	10.2	15.2
100	12.0	8.2	12.2





#18
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:228 Resp: 15338

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.8	23.6
226	29.9	21.6	32.4

Instrument :
BNA_N
ClientSampleId :
C0AA6DL

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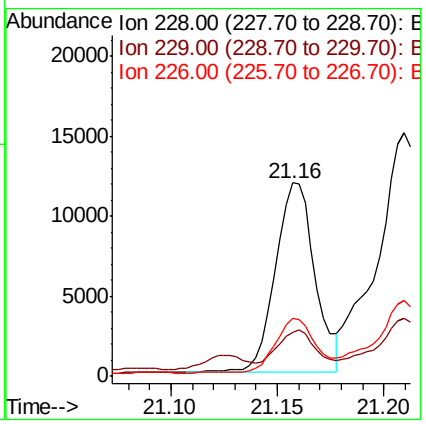
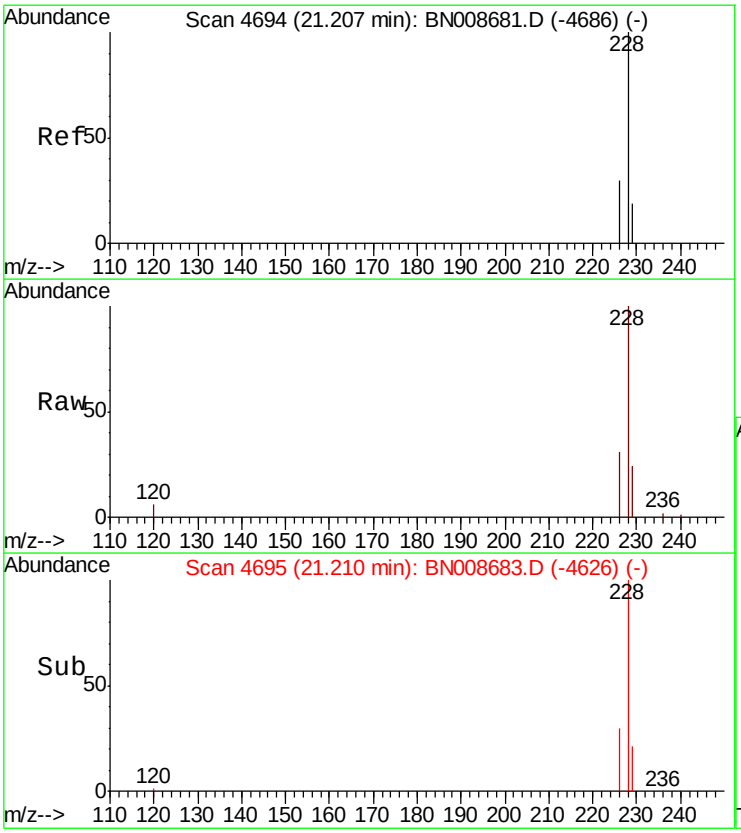
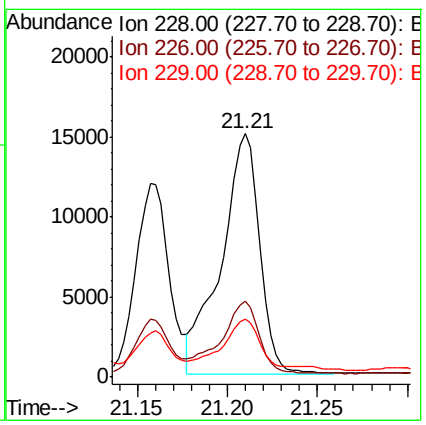


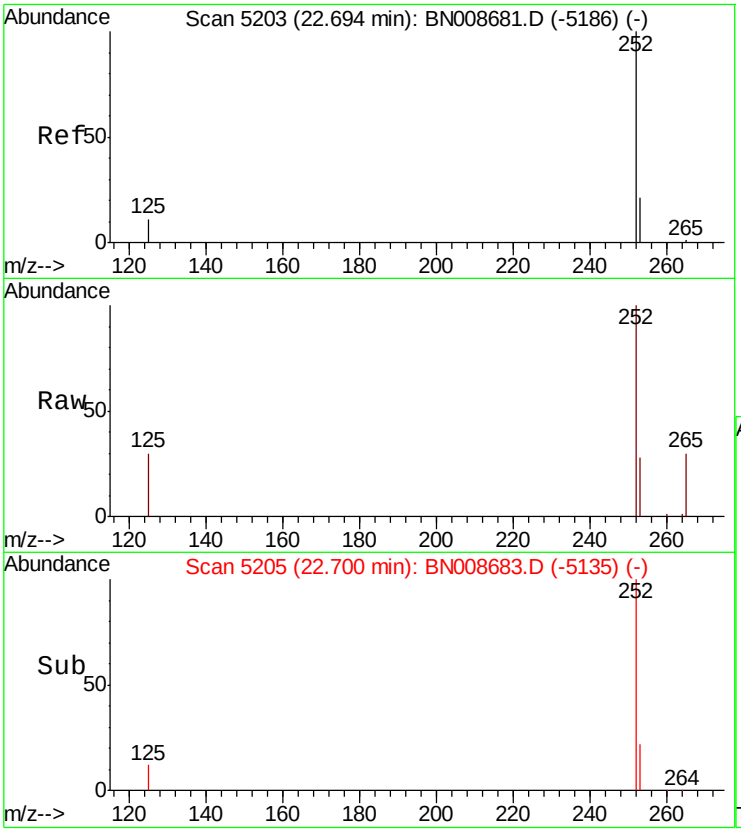


#19
Chrysene
Concen: 0.467 ng/ul m
RT: 21.21 min Scan# 4695
Delta R.T. 0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:228 Resp: 22261

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	23.6	15.5	23.3#





#21
Benzo(b)fluoranthene
Concen: 0.585 ng/ul m
RT: 22.70 min Scan# 5205
Delta R.T. 0.01 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:252 Resp: 29647

Ion	Ratio	Lower	Upper
252	100		
253	27.6	0.0	50.2
125	30.1	0.0	30.0#

Instrument :
BNA_N
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C0AA6DL

Manual Integrations APPROVED
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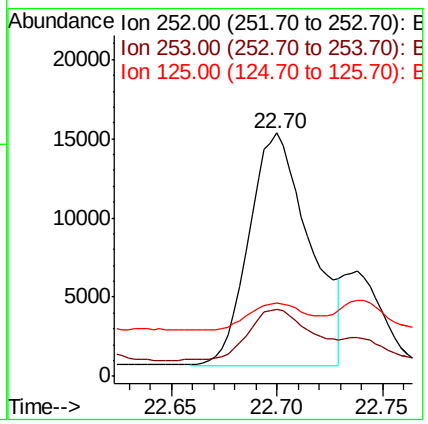
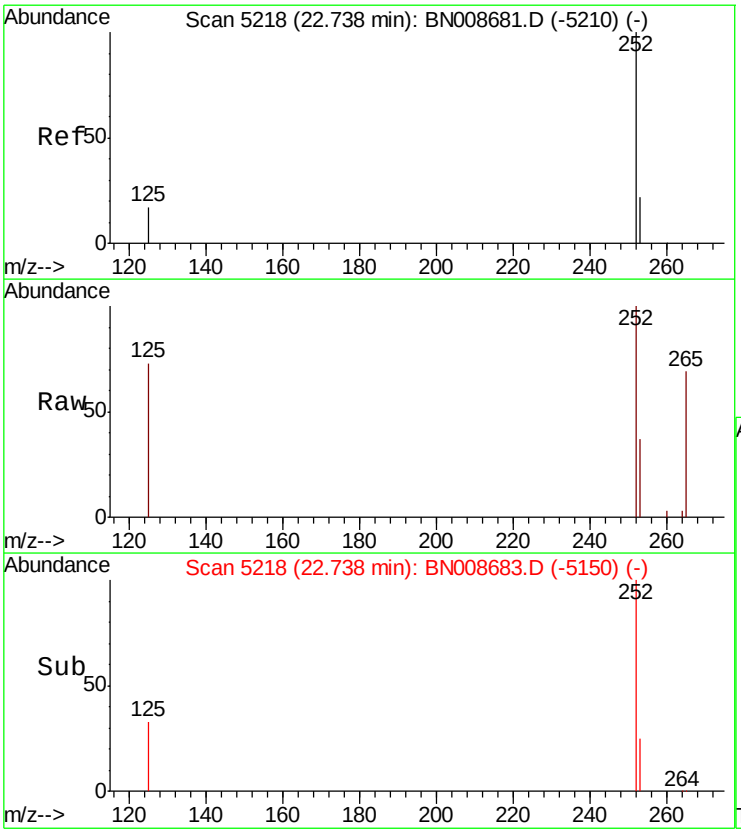
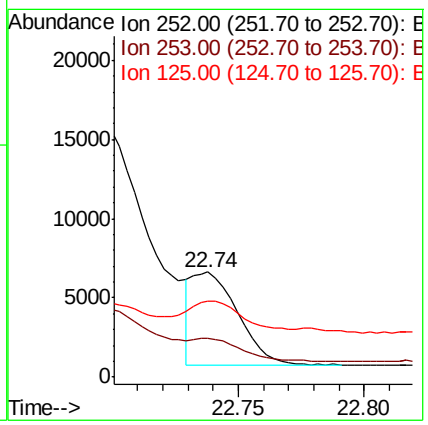


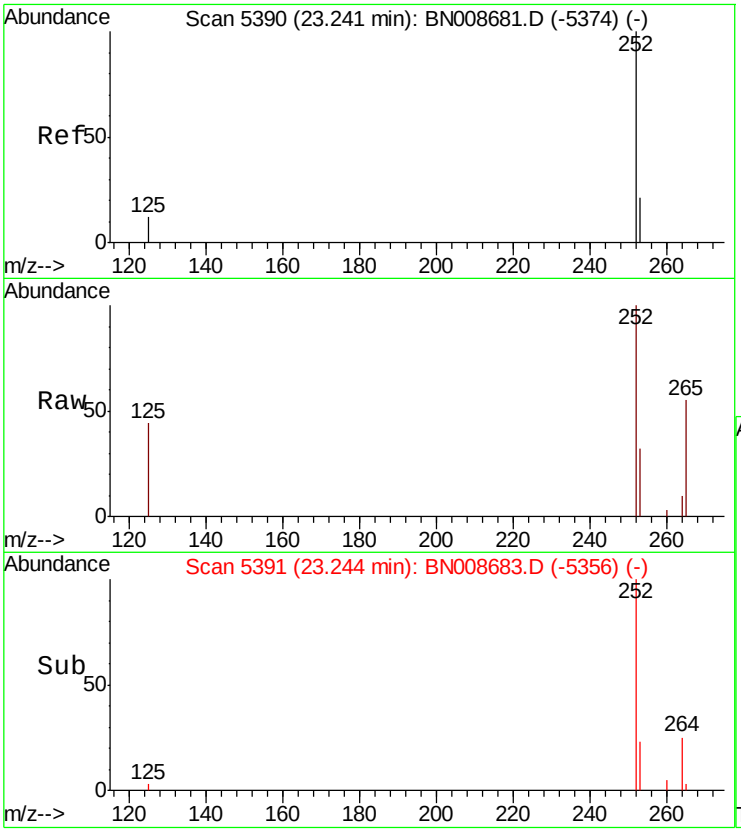


#22
Benzo(k)fluoranthene
Concen: 0.150 ng/ul m
RT: 22.74 min Scan# 5218
Delta R.T. -0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:252 Resp: 7541

Ion	Ratio	Lower	Upper
252	100		
253	37.4	20.5	30.7#
125	73.0	15.0	22.4#





#23
Benzo(a)pyrene
Concen: 0.286 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. 0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:252 Resp: 13574

Ion	Ratio	Lower	Upper
252	100		
253	31.8	21.4	32.2
125	43.9	13.8	20.8#

Instrument :
BNA_N
ClientSampleId :
C0AA6DL

Manual Integrations APPROVED
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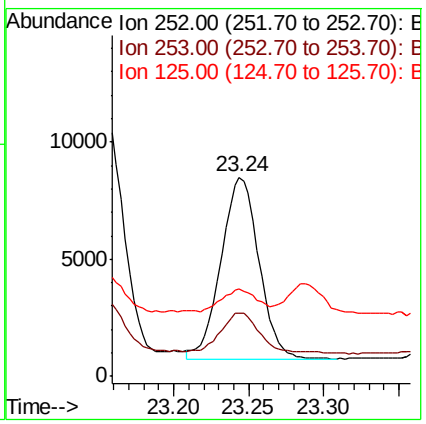
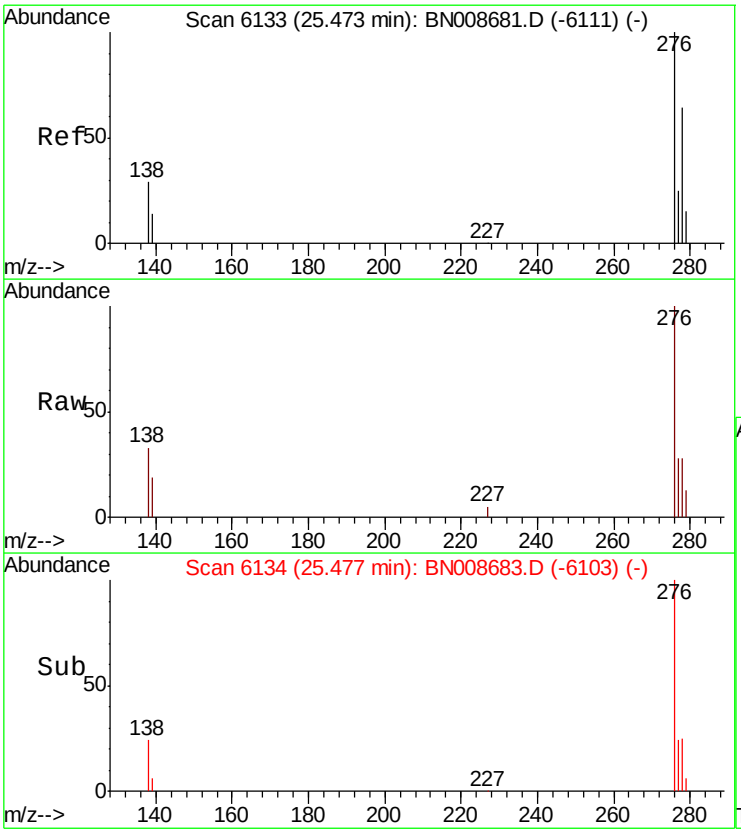
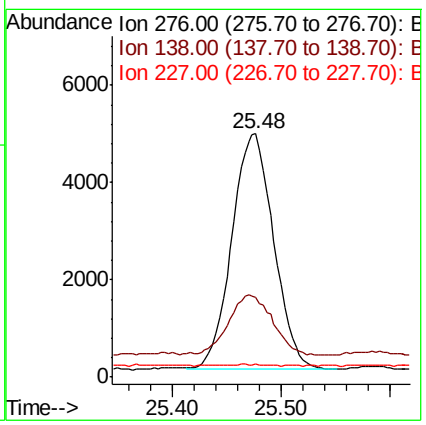


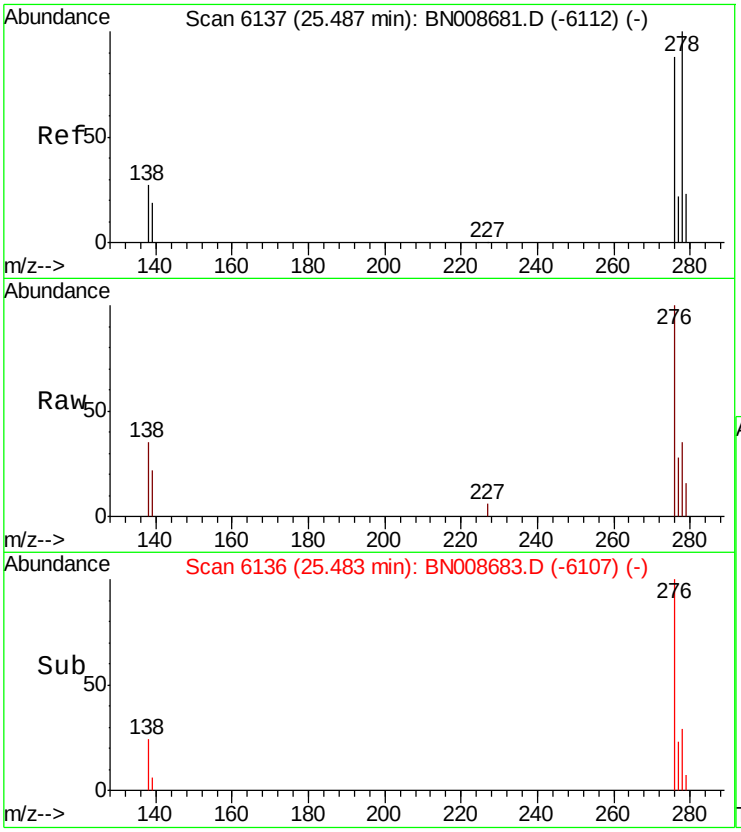


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.234 ng/ul
RT: 25.48 min Scan# 6134
Delta R.T. 0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:276 Resp: 13031

Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.7	32.5
227	0.2	0.2	0.2

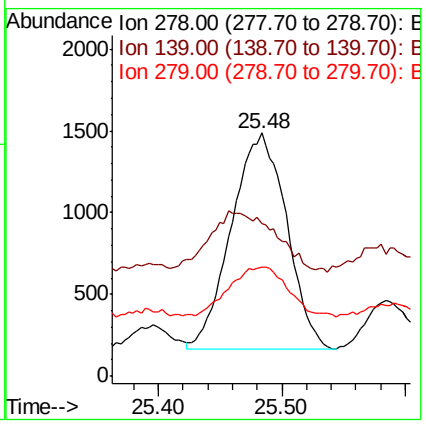




#25
Dibenzo(a,h)anthracene
Concen: 0.091 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:278 Resp: 4084

Ion	Ratio	Lower	Upper
278	100		
139	62.9	18.7	28.1#
279	44.6	20.8	31.2#



Instrument :
BNA_N
ClientSampleId :
C0AA6DL

Manual Integrations APPROVED
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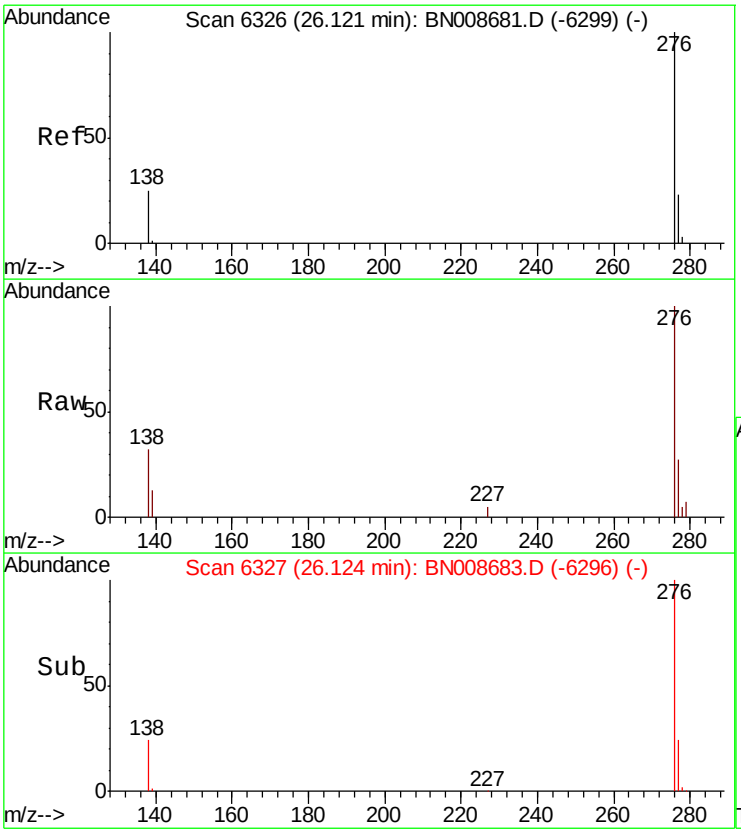

#26
Benzo(g,h,i)perylene
Concen: 0.300 ng/ul
RT: 26.12 min Scan# 6327
Delta R.T. 0.00 min
Lab File: BN008683.D
Acq: 21 Nov 2019 18:39

Tgt Ion:276 Resp: 13938

Ion	Ratio	Lower	Upper
276	100		
138	31.9	20.0	30.0#
277	27.4	20.0	30.0