Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008685.D
Acq On : 21 Nov 2019 19:51
Operator : JU
Sample : K5851-13DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB1DL

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Quant Time: Nov 22 06:55:56 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	3810	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13505	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8066	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	15739	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	13210	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	13455	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	800	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1980	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	2137	0.052	ng/ul#	87
5) 2-Methylnaphthalene	12.04	142	2407	0.085	ng/ul	100
9) Fluorene	15.29	166	1040	0.027	ng/ul#	89
12) Phenanthrene	17.02	178	20195	0.380	ng/ul	99
13) Anthracene	17.11	178	2459	0.049	ng/ul#	90
15) Fluoranthene	19.04	202	34038	0.522	ng/ul	92
17) Pyrene	19.40	202	31538	0.595	ng/ul	96
18) Benzo(a)anthracene	21.16	228	13296	0.250	ng/ul	97
19) Chrysene	21.21	228	17064m	0.327	ng/ul	
21) Benzo(b)fluoranthene	22.70	252	20853m	0.376	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	8734m	0.159	ng/ul	
23) Benzo(a)pyrene	23.24	252	13334	0.256	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.47	276	9971	0.164	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.48	278	2571	0.052	ng/ul#	31
26) Benzo(g,h,i)perylene	26.12	276	10329	0.203	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 : BN008685.D
Acq On : 21 Nov 2019 19:51
Operator : JU
Sample : K5851-13DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 06:55:56 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 :
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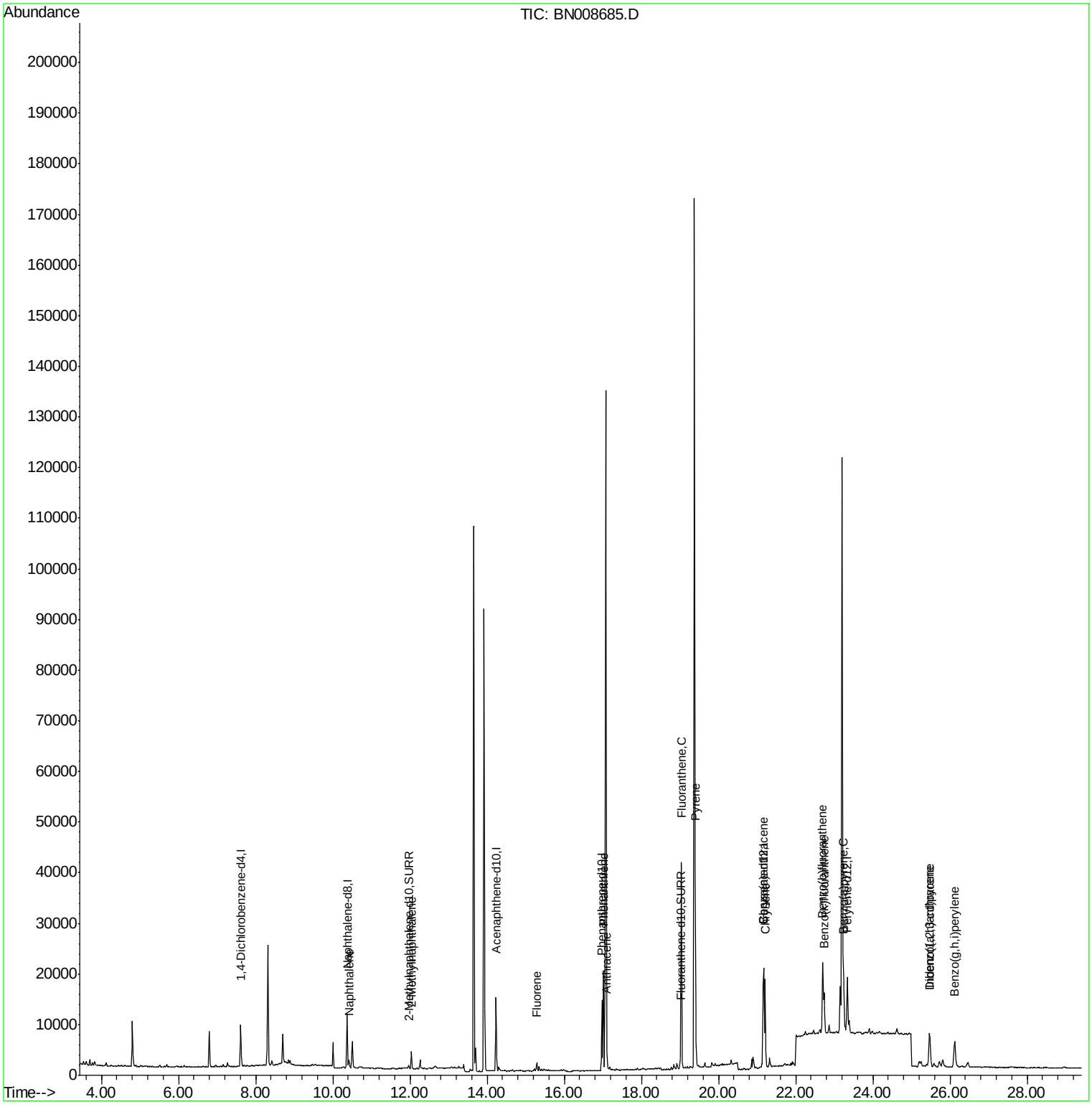

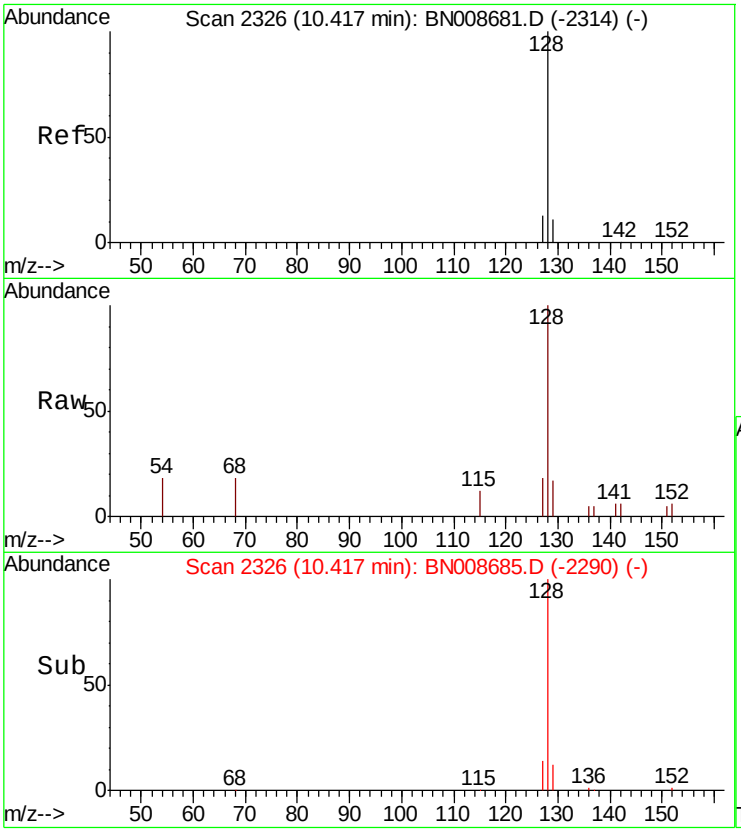

#3
Naphthalene
Concen: 0.052 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:128 Resp: 2137

Ion	Ratio	Lower	Upper
128	100		
129	17.4	9.7	14.5#
127	18.2	10.8	16.2#

Instrument :
BNA_N
ClientSampleId :
C0AB1DL

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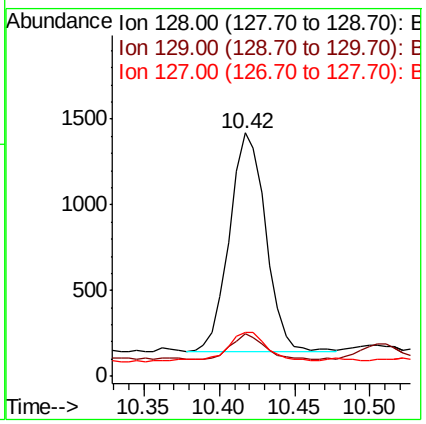
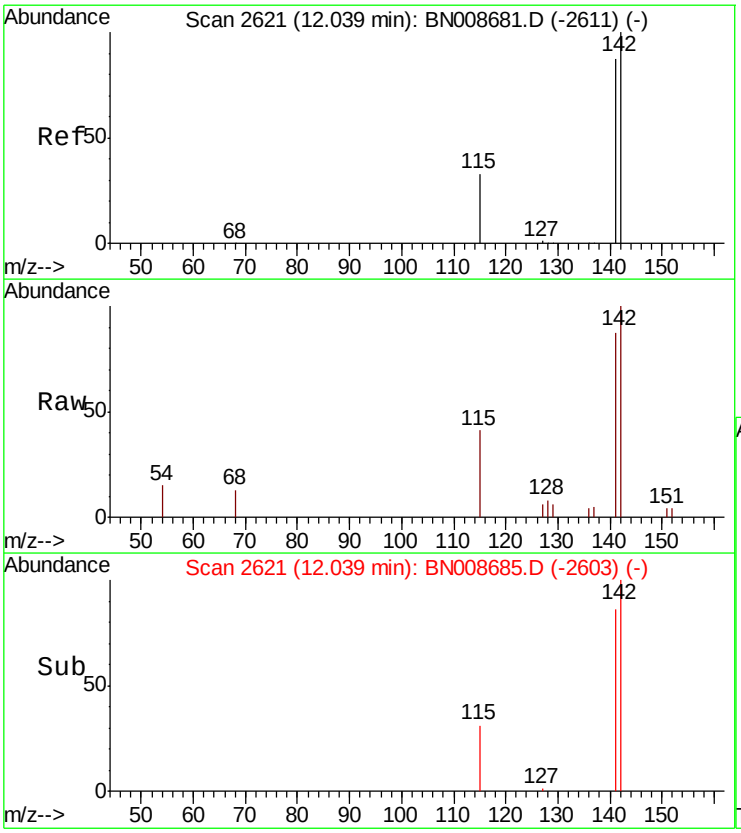
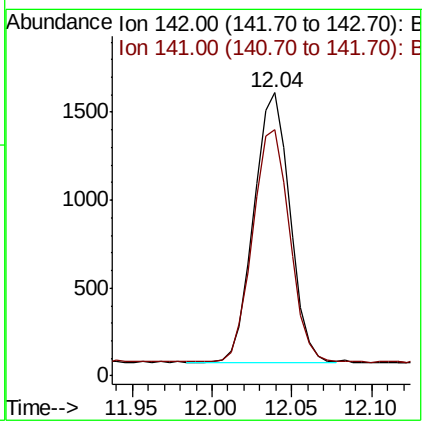


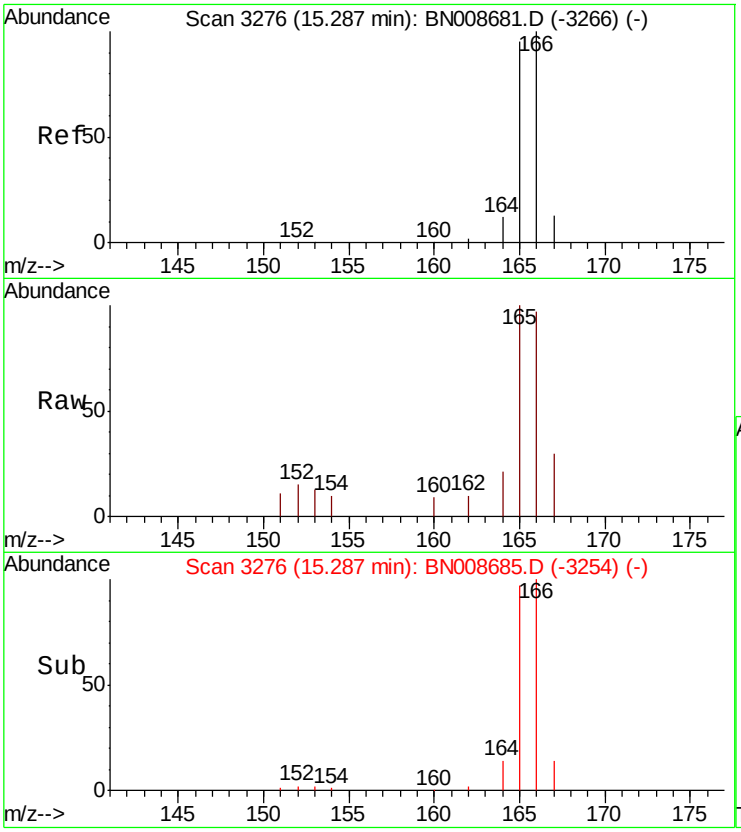


#5
2-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 12.04 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:142 Resp: 2407

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.5	105.7





#9
Fluorene
Concen: 0.027 ng/ul
RT: 15.29 min Scan# 3276
Delta R.T. -0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:166 Resp: 1040

Ion	Ratio	Lower	Upper
166	100		
165	102.7	77.4	116.0
167	30.8	11.4	17.0#

Instrument :
BNA_N
ClientSampleId :
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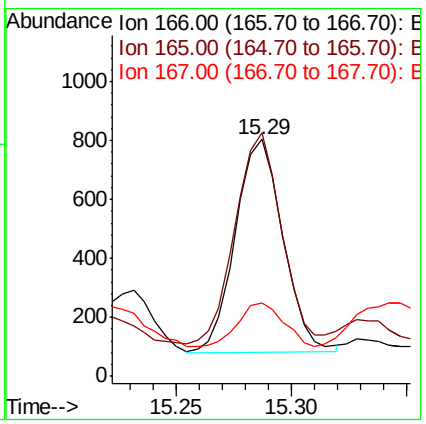
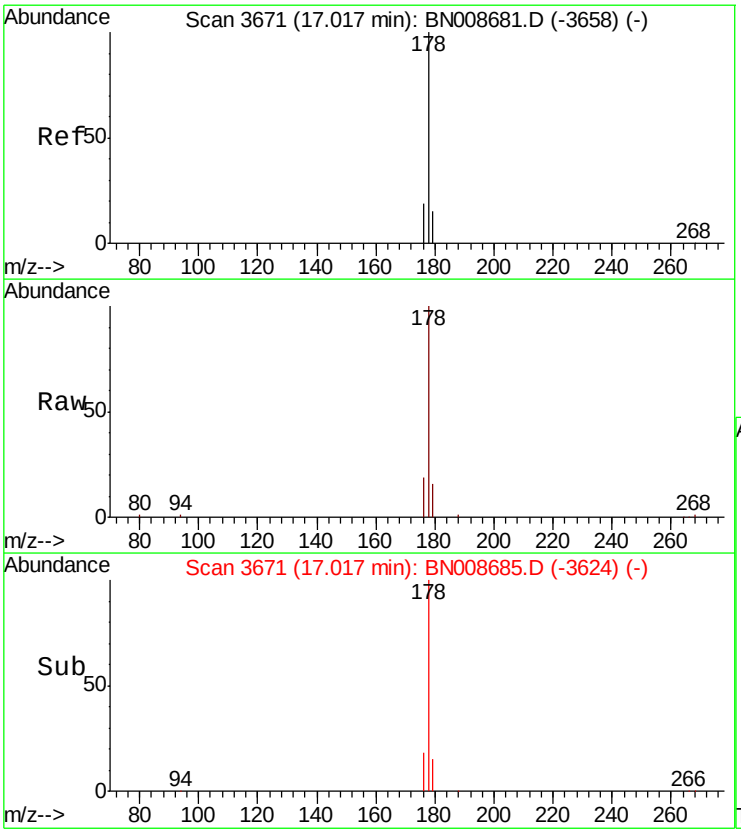
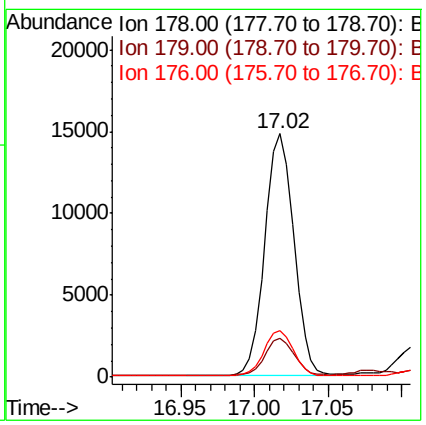


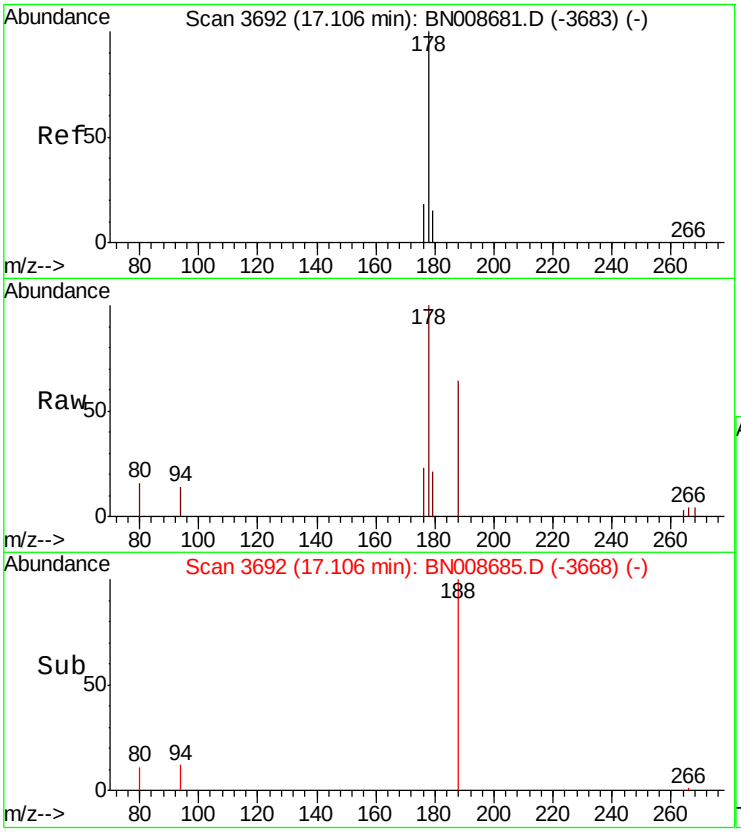


#12
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:178 Resp: 20195

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	18.9	16.0	24.0

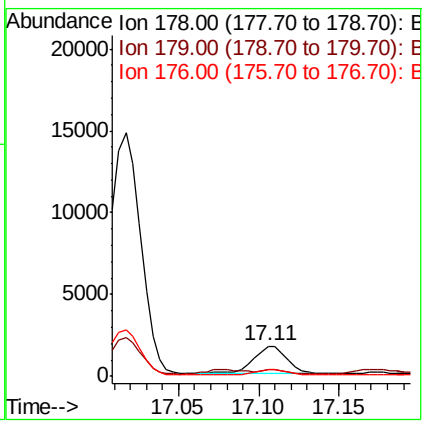




#13
Anthracene
Concen: 0.049 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:178 Resp: 2459

Ion	Ratio	Lower	Upper
178	100		
179	21.4	13.0	19.4#
176	22.8	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AB1DL

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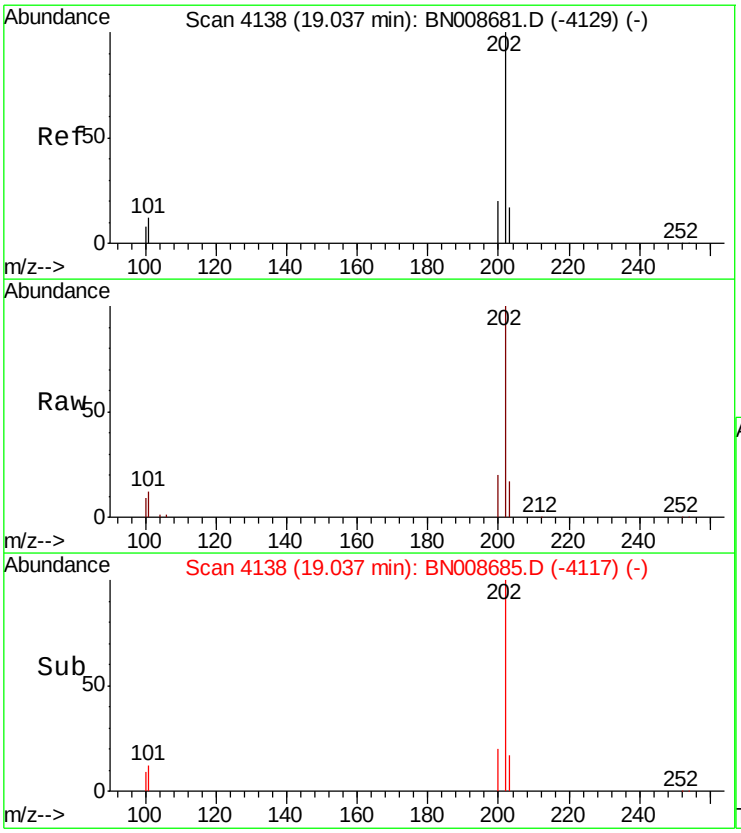
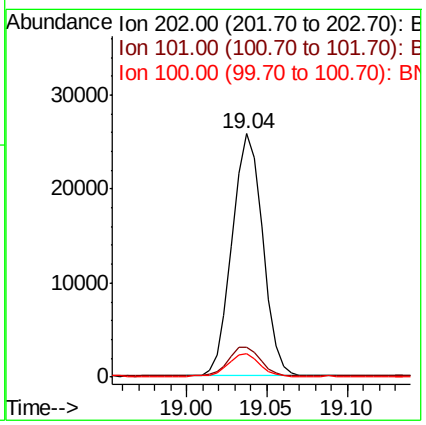
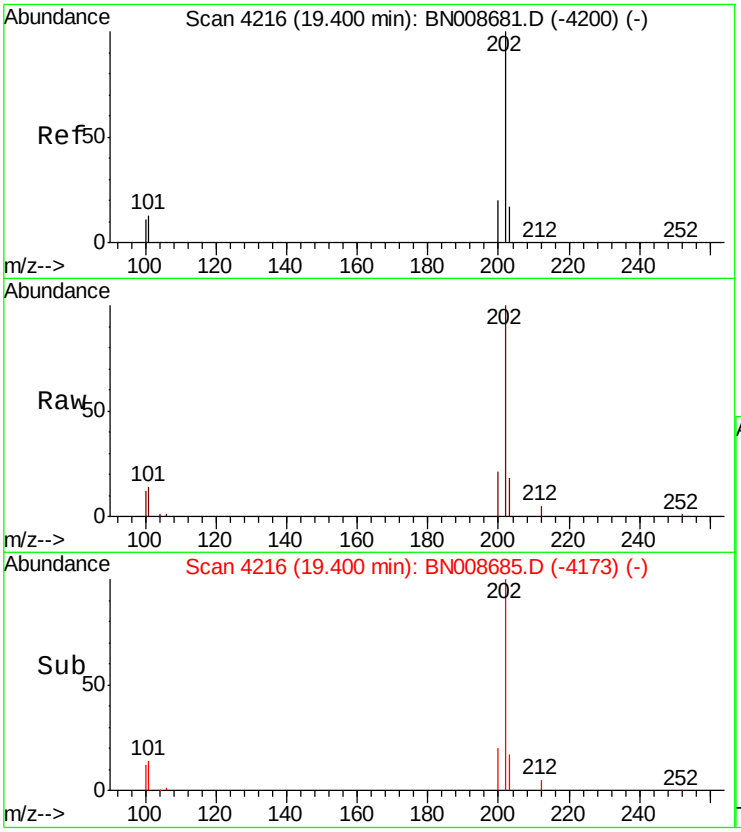


#15
Fluoranthene
Concen: 0.522 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:202 Resp: 34038

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	29.6
100	9.5	0.0	27.0





#17
Pyrene
Concen: 0.595 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:202 Resp: 31538

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.2	15.2
100	11.9	8.2	12.2

Instrument :
BNA_N
ClientSampleId :
C0AB1DL

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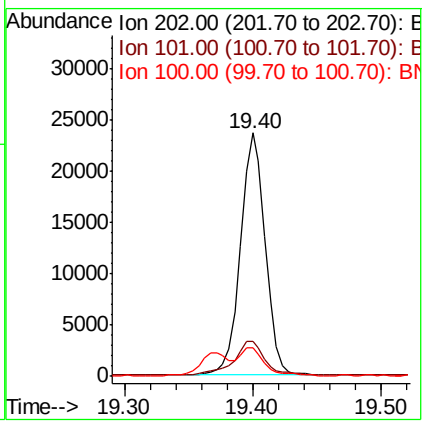
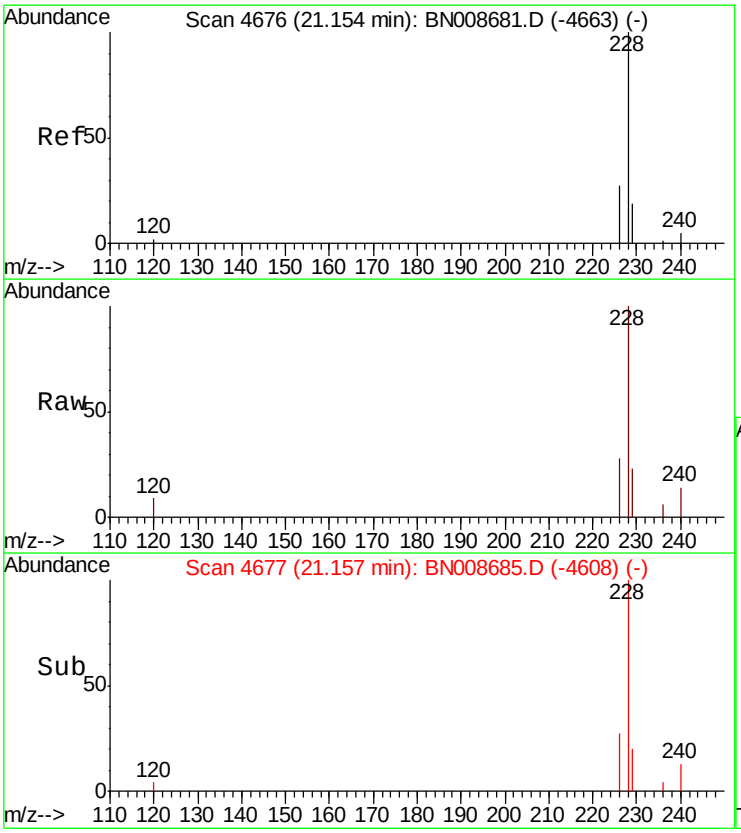
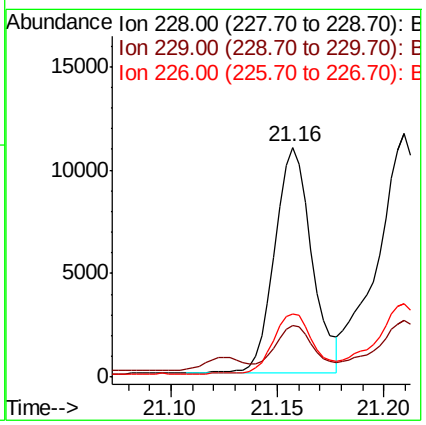


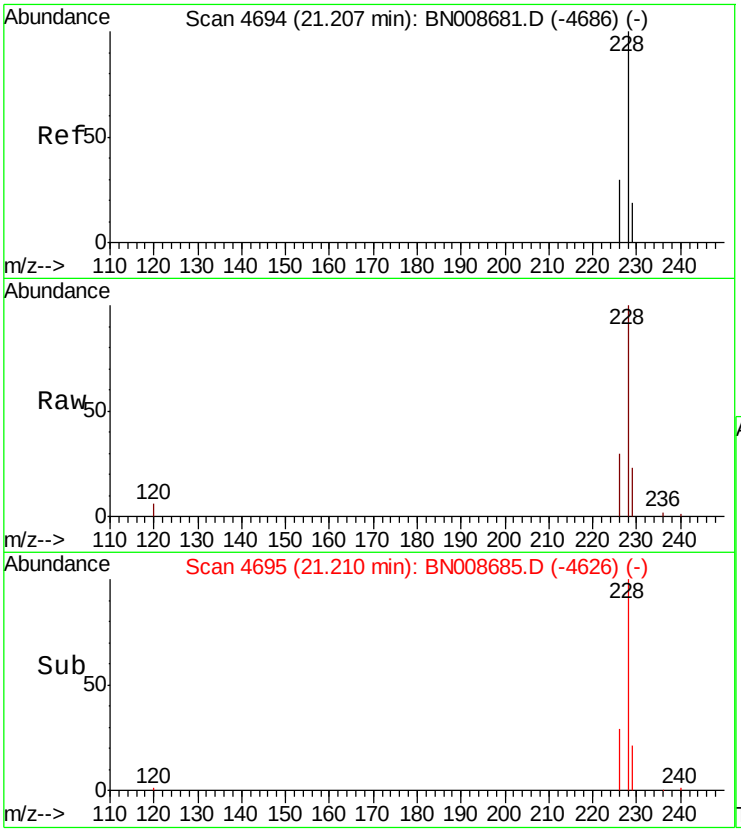


#18
Benzo(a)anthracene
Concen: 0.250 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:228 Resp: 13296

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.8	23.6
226	27.6	21.6	32.4

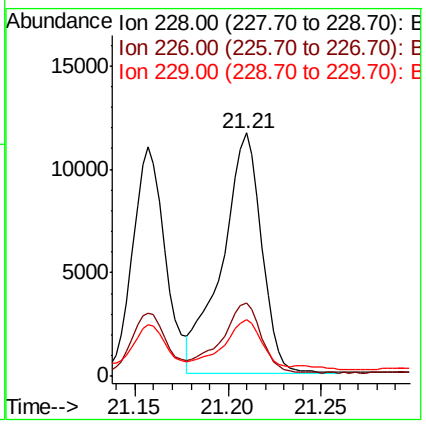




#19
Chrysene
Concen: 0.327 ng/ul m
RT: 21.21 min Scan# 4695
Delta R.T. 0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:228 Resp: 17064

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	23.5	15.5	23.3#



Instrument :
BNA_N
ClientSampleId :
C0AB1DL

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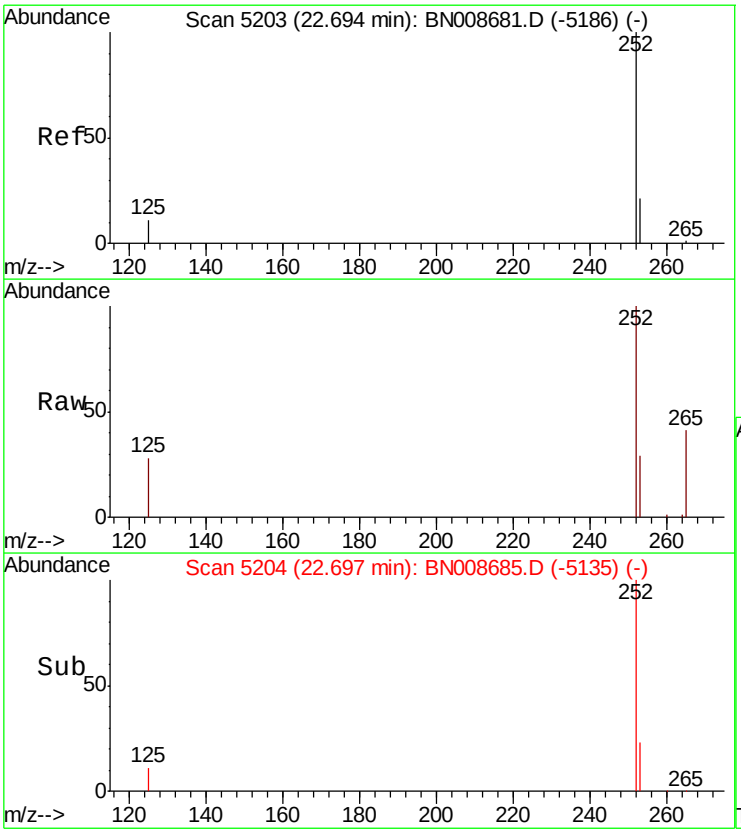
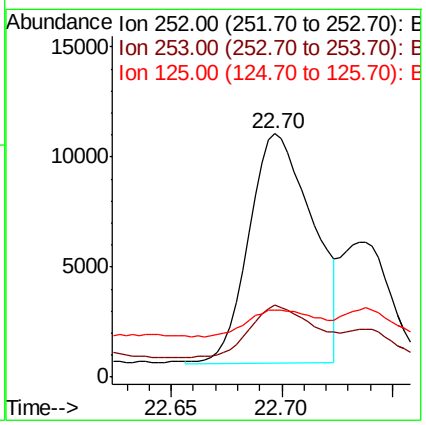
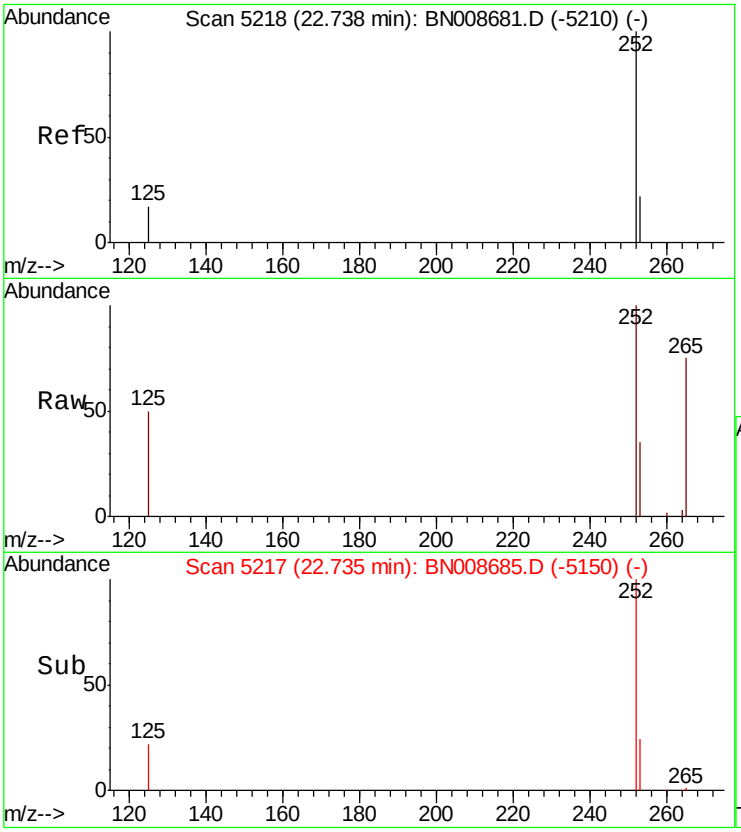


#21
Benzo(b)fluoranthene
Concen: 0.376 ng/ul m
RT: 22.70 min Scan# 5204
Delta R.T. 0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:252 Resp: 20853

Ion	Ratio	Lower	Upper
252	100		
253	29.5	0.0	50.2
125	27.7	0.0	30.0





#22
Benzo(k)fluoranthene
Concen: 0.159 ng/ul m
RT: 22.73 min Scan# 5217
Delta R.T. -0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:252 Resp: 8734

Ion	Ratio	Lower	Upper
252	100		
253	35.3	20.5	30.7#
125	49.6	15.0	22.4#

Instrument :
BNA_N
ClientSampleId :
C0AB1DL

Manual Integrations APPROVED
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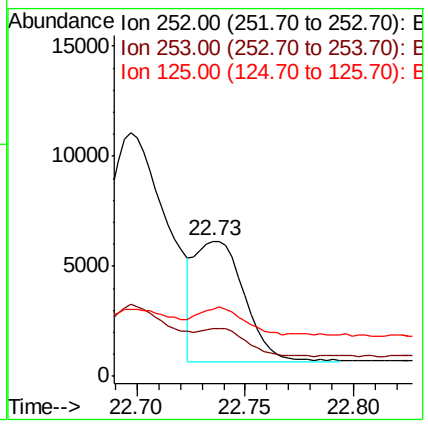
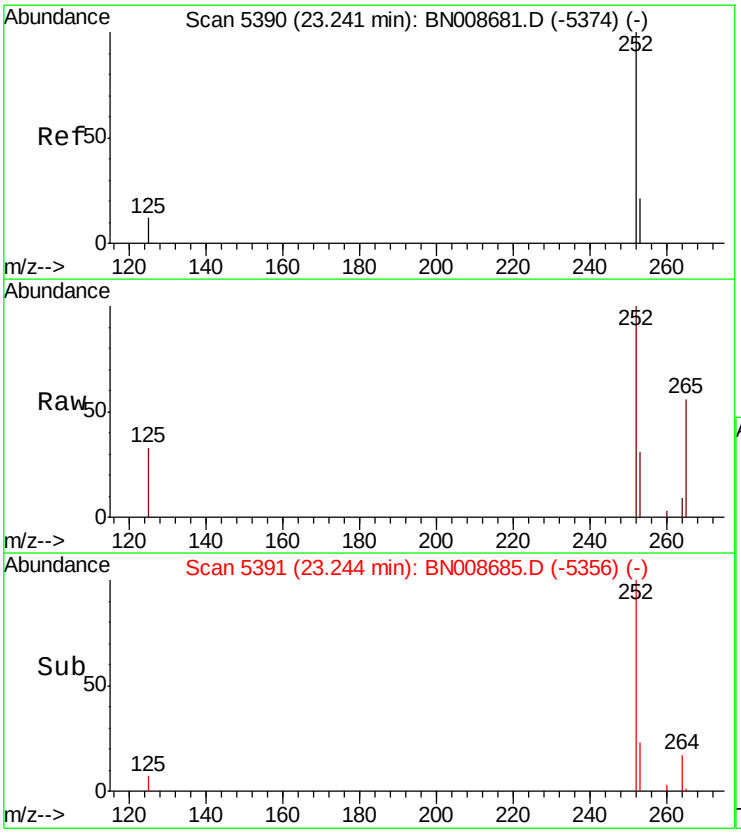
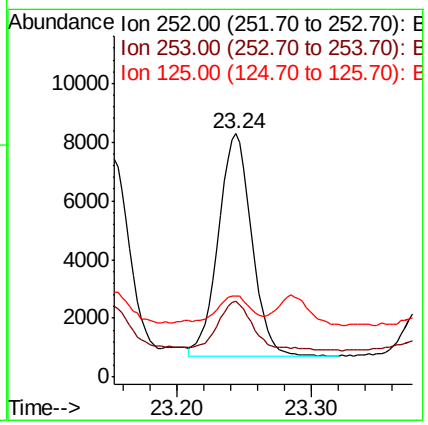


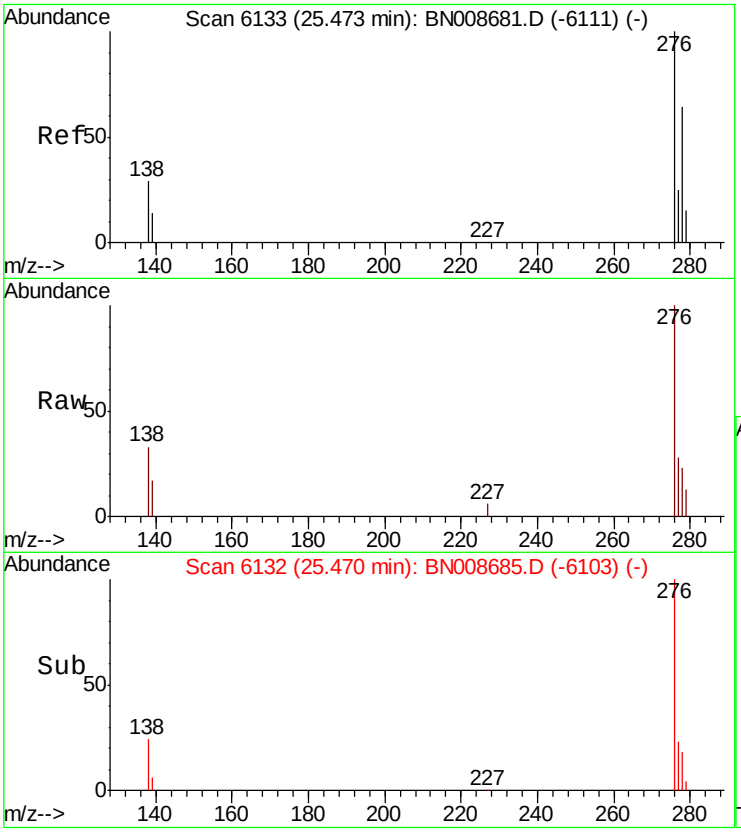


#23
Benzo(a)pyrene
Concen: 0.256 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. 0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:252 Resp: 13334

Ion	Ratio	Lower	Upper
252	100		
253	31.4	21.4	32.2
125	33.1	13.8	20.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.164 ng/ul
RT: 25.47 min Scan# 6132
Delta R.T. -0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:276 Resp: 9971

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.7	32.5
227	0.4	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
C0AB1DL

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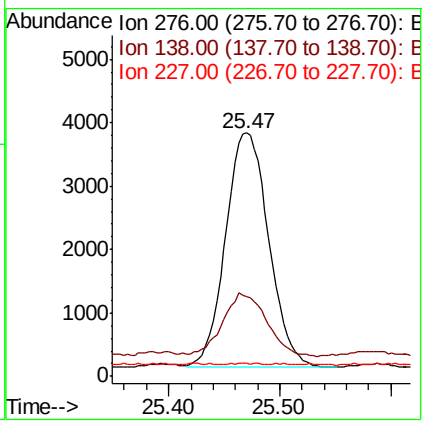
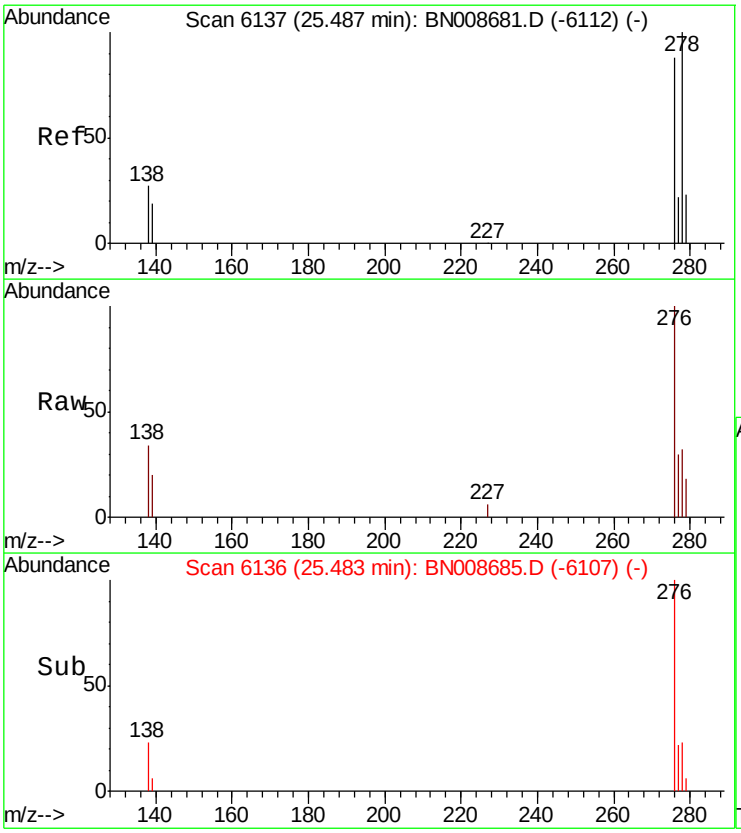
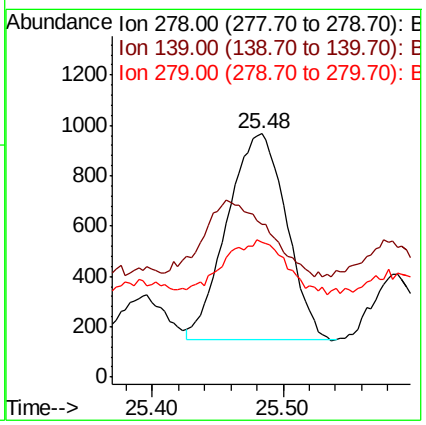


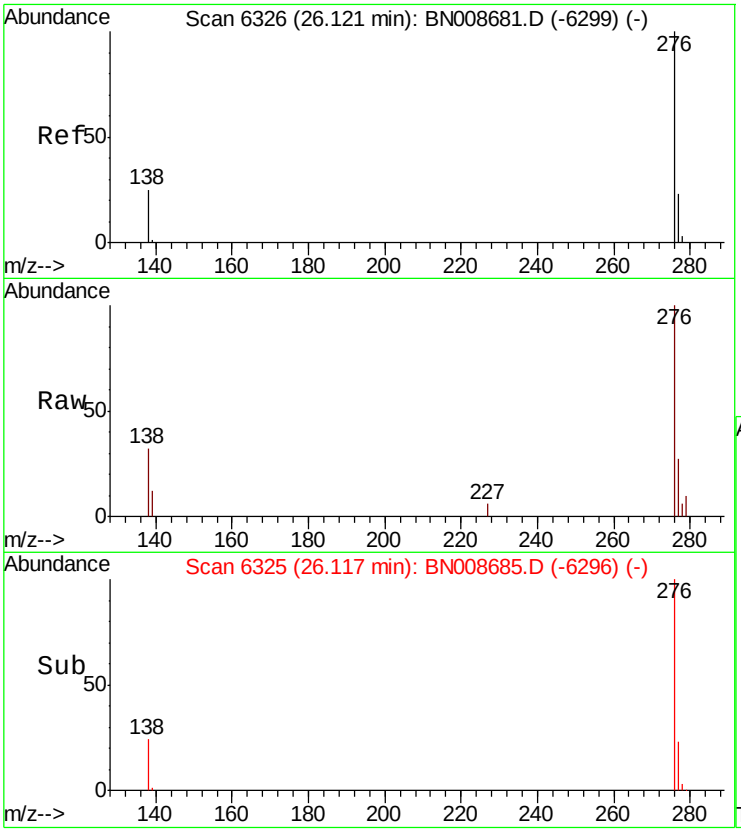


#25
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:278 Resp: 2571

Ion	Ratio	Lower	Upper
278	100		
139	62.8	18.7	28.1#
279	55.4	20.8	31.2#

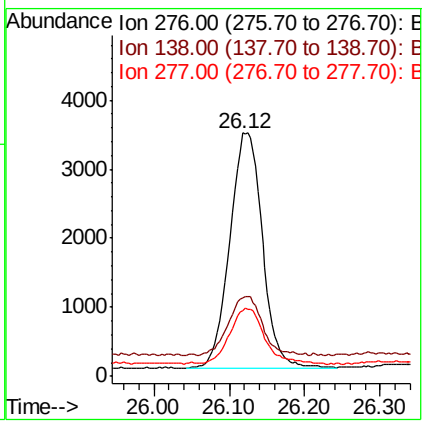




#26
Benzo(g,h,i)perylene
Concen: 0.203 ng/ul
RT: 26.12 min Scan# 6325
Delta R.T. -0.00 min
Lab File: BN008685.D
Acq: 21 Nov 2019 19:51

Tgt Ion:276 Resp: 10329

Ion	Ratio	Lower	Upper
276	100		
138	32.2	20.0	30.0#
277	27.2	20.0	30.0



Instrument :
BNA_N
ClientSampleId :
C0AB1DL

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