Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
Data File : BN000361.D
Acq On : 13 Mar 2018 22:10
Operator : JU/SJ
Sample : J1843-07DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM66DL

Quant Time: Mar 14 08:15:11 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 08:11:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	170957	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	827852	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	479136	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1100132	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1094342	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1068695	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	889006	18.69	ng/ul	0.00
10) Fluorene-d10	16.05	176	596138	18.51	ng/ul	0.00
14) Anthracene-d10	17.88	188	964964	18.77	ng/ul	0.00
18) Pyrene-d10	20.14	212	1094304	20.44	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	915716	18.76	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.79	152	816660	17.089	ng/ul	98
11) Fluorene	16.10	166	42100	1.148	ng/ul	99
13) Phenanthrene	17.83	178	969875	15.372	ng/ul	100
15) Anthracene	17.92	178	787895	12.307	ng/ul	99
16) Fluoranthene	19.81	202	4650339	68.218	ng/ul#	92
19) Pyrene	20.17	202	4089993	59.196	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	2957205	43.467	ng/ul	95
21) Chrysene	21.95	228	2420303	37.488	ng/ul	97
23) Benzo(b)fluoranthene	23.64	252	3985829	62.545	ng/ul#	95
24) Benzo(k)fluoranthene	23.64	252	3150721	52.819	ng/ul#	95
26) Benzo(a)pyrene	24.29	252	2042441	33.675	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.96	276	1145261	17.513	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.96	278	343861	6.415	ng/ul#	81
29) Benzo(g,h,i)perylene	27.76	276	883372	16.178	ng/ul#	88

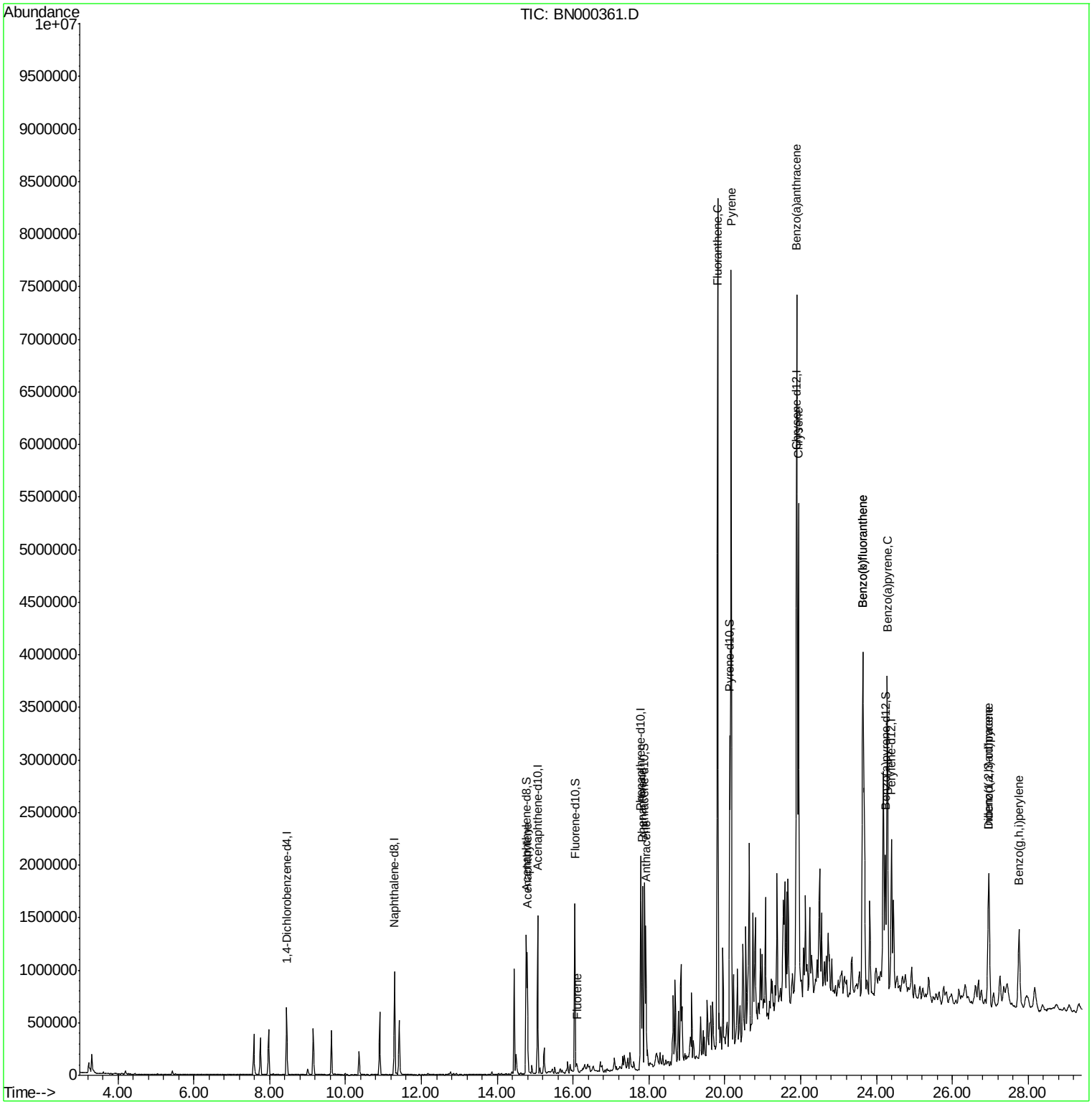
(#) = qualifier out of range (m) = manual integration (+) = signals summed

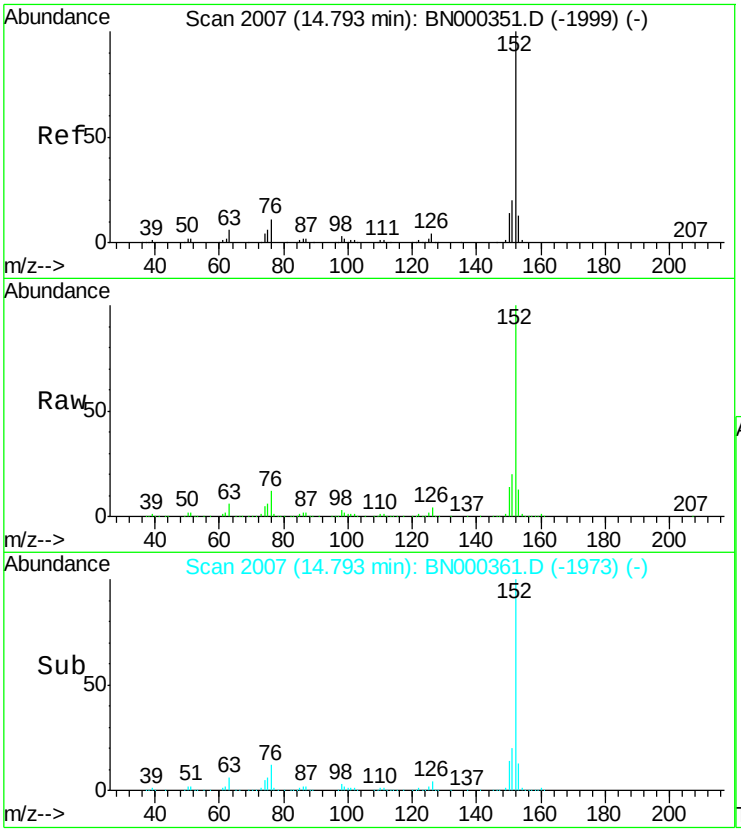
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
Data File : BN000361.D
Acq On : 13 Mar 2018 22:10
Operator : JU/SJ
Sample : J1843-07DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM66DL

Quant Time: Mar 14 08:15:11 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 08:11:44 2018
Response via : Initial Calibration



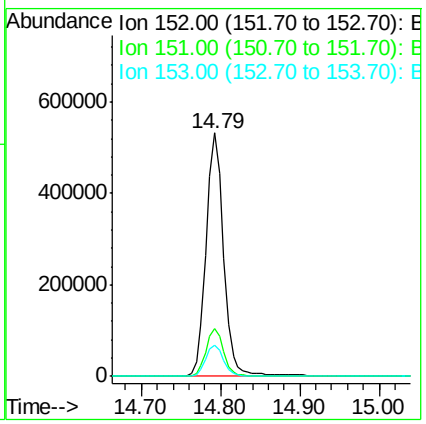


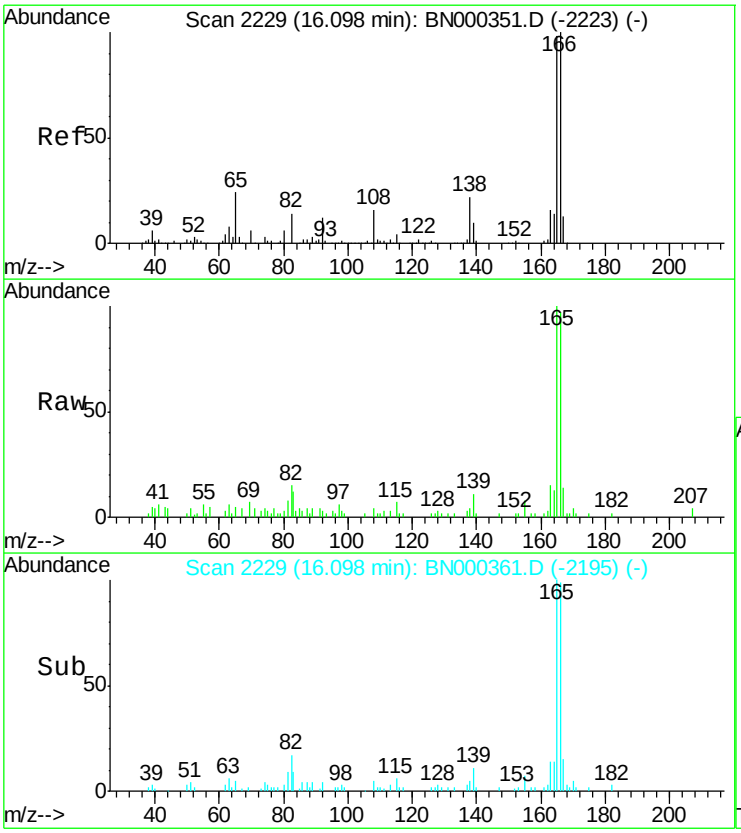
#8
Acenaphthylene
Concen: 17.089 ng/ul
RT: 14.79 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Instrument :
BNA_N
ClientSampleId :
DAM66DL

Tgt Ion:152 Resp: 816660

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.7	25.1
153	13.0	10.2	15.4

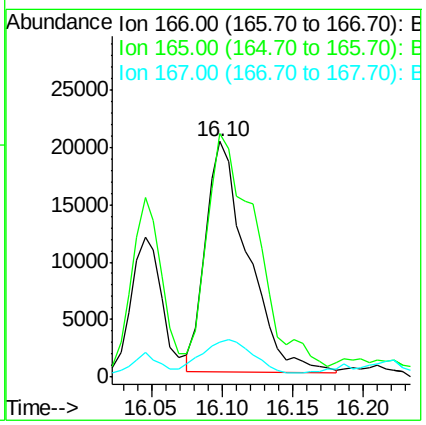


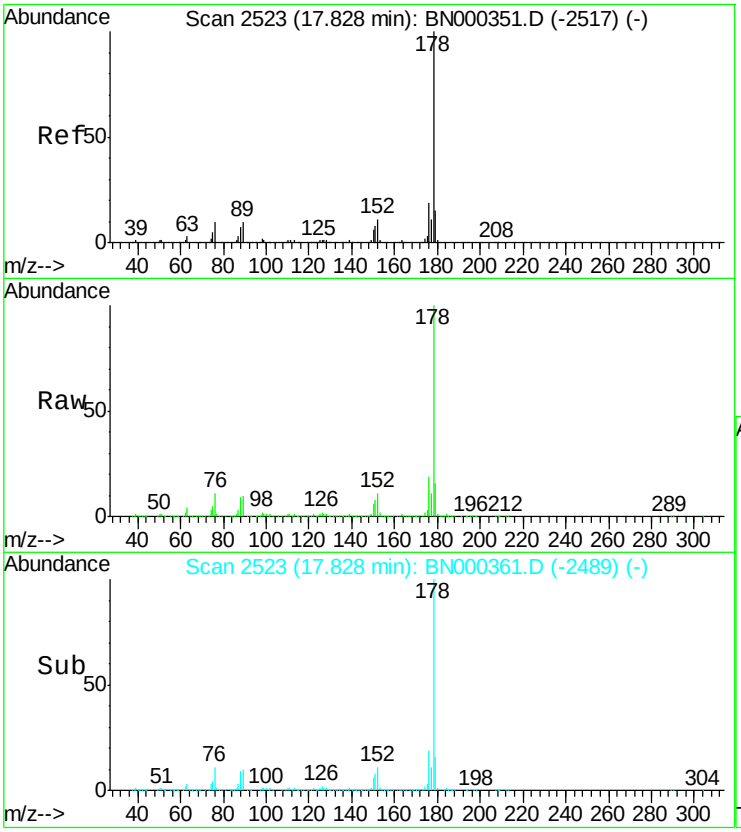


#11
Fluorene
Concen: 1.148 ng/ul
RT: 16.10 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Tgt Ion:166 Resp: 42100

Ion	Ratio	Lower	Upper
166	100		
165	103.4	83.8	125.8
167	14.6	11.5	17.3



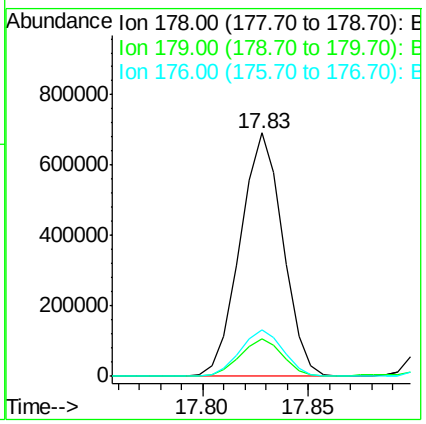


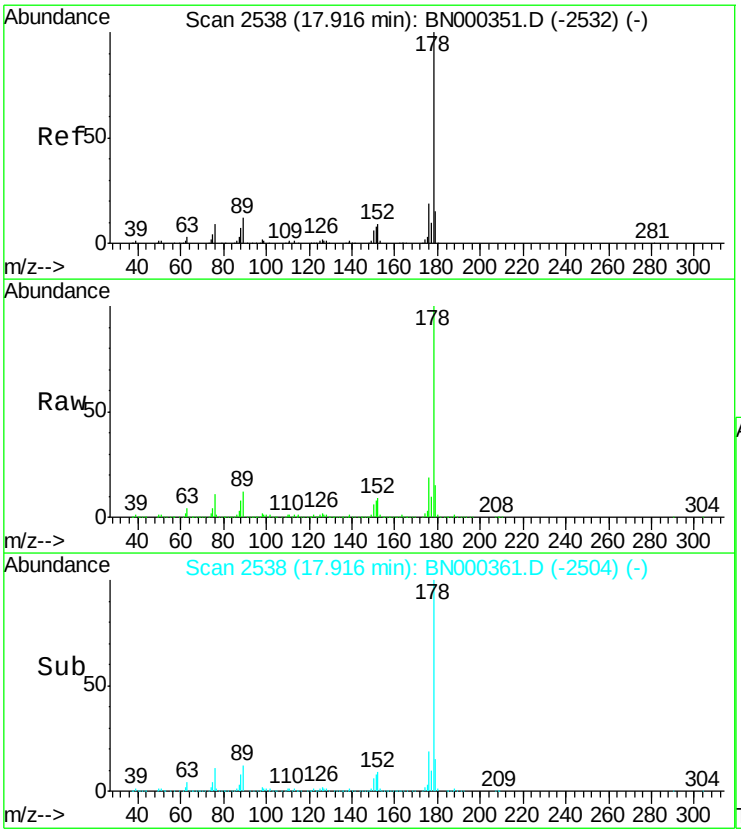
#13
Phenanthrene
Concen: 15.372 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Instrument :
BNA_N
ClientSampleId :
DAM66DL

Tgt Ion:178 Resp: 969875

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.9	15.1	22.7

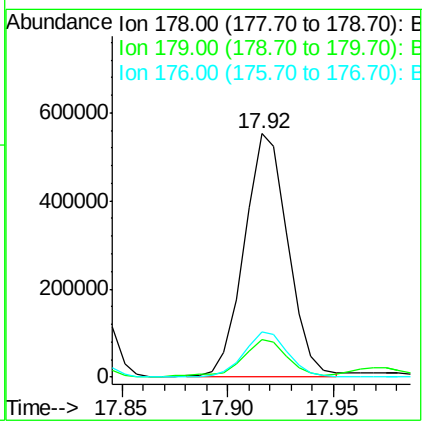


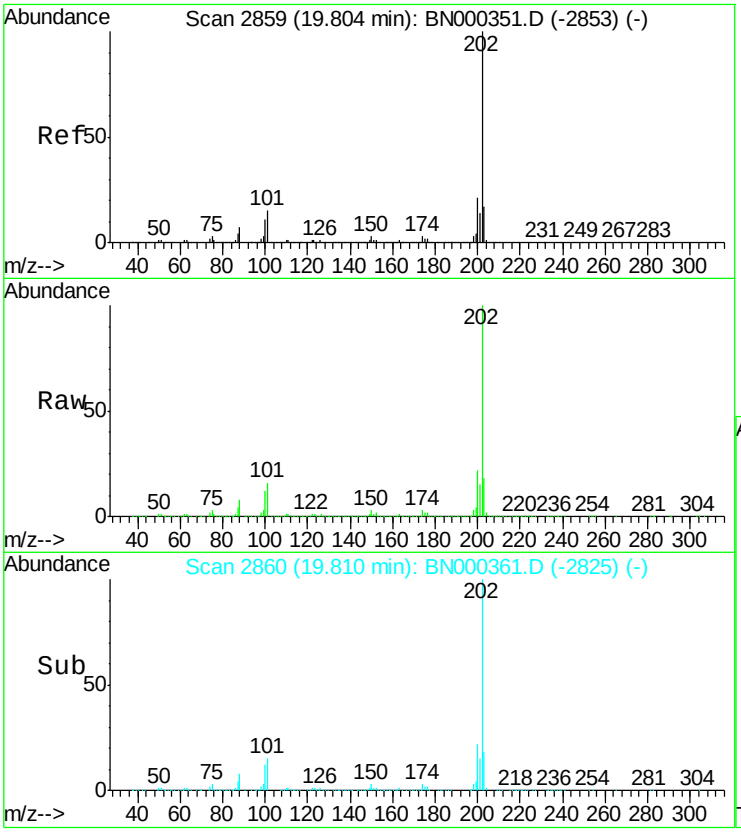


#15
Anthracene
Concen: 12.307 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Tgt Ion:178 Resp: 787895

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.6	15.2	22.8



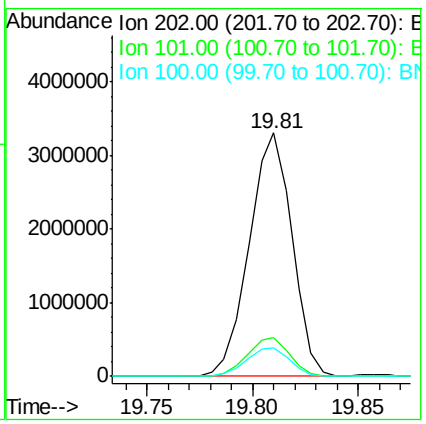


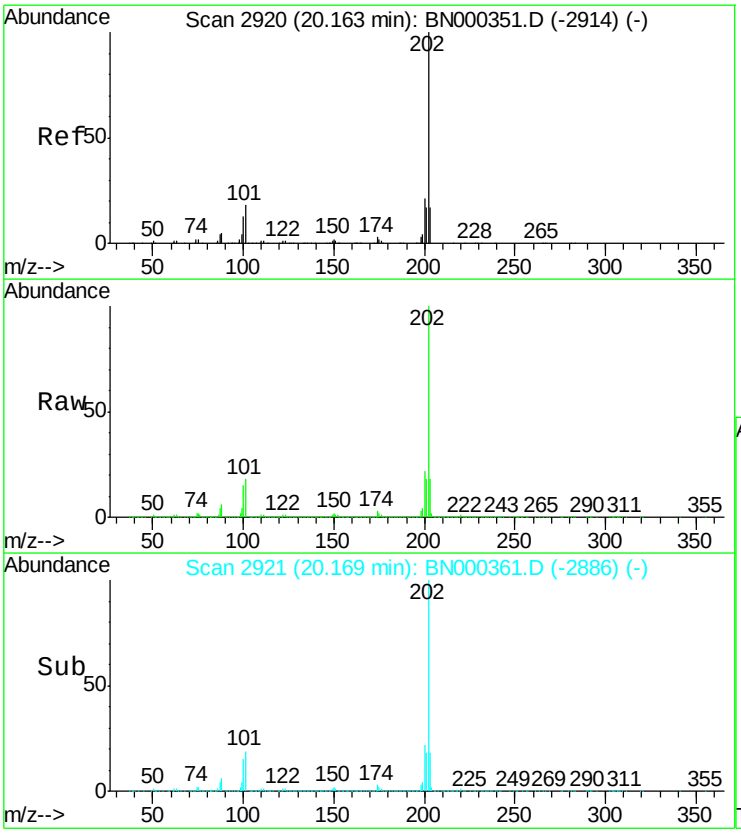
#16
Fluoranthene
Concen: 68.218 ng/ul
RT: 19.81 min Scan# 2860
Delta R.T. 0.01 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Instrument :
BNA_N
ClientSampleId :
DAM66DL

Tgt Ion:202 Resp: 4650339

Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.9	14.9#
100	11.9	7.4	11.0#

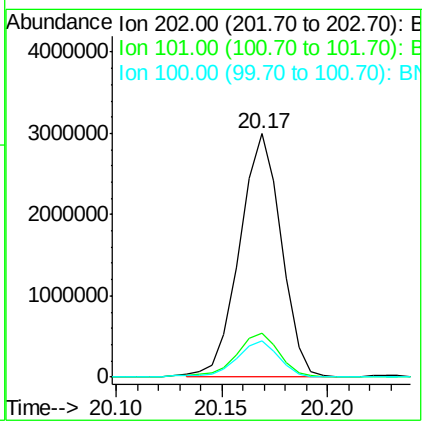


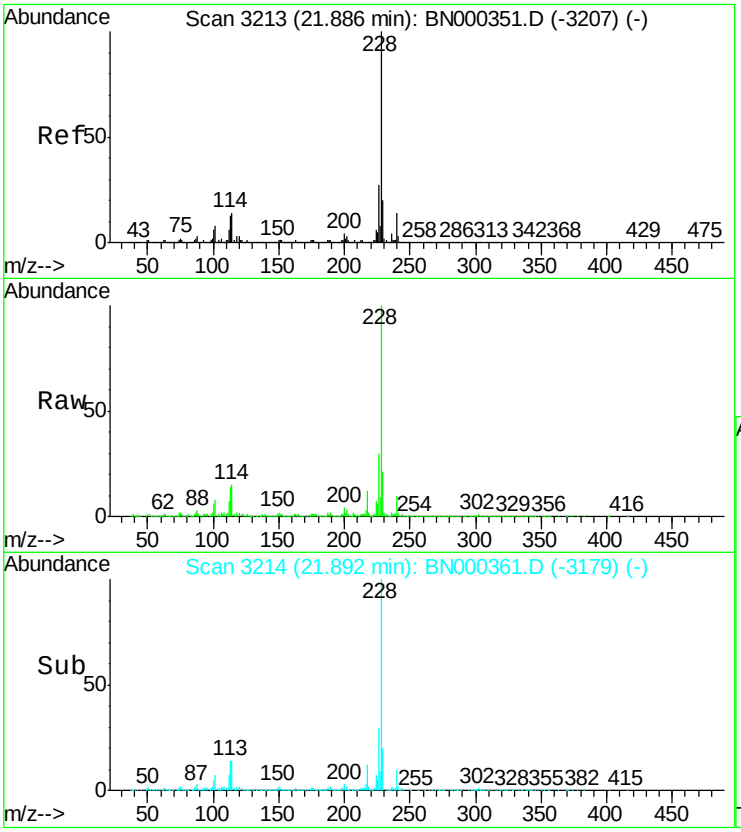


#19
Pyrene
Concen: 59.196 ng/ul
RT: 20.17 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Tgt Ion:202 Resp: 4089993

Ion	Ratio	Lower	Upper
202	100		
101	18.2	11.0	16.4#
100	14.8	8.1	12.1#



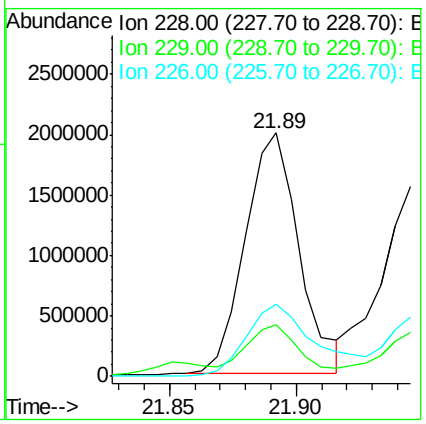


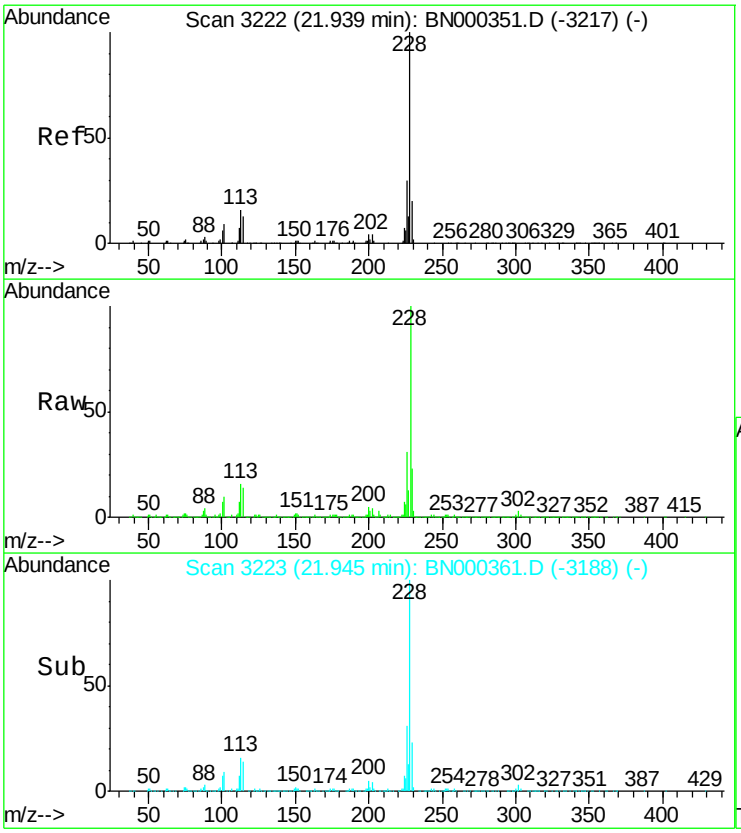
#20
Benzo(a)anthracene
Concen: 43.467 ng/ul
RT: 21.89 min Scan# 3214
Delta R.T. 0.01 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Instrument :
BNA_N
ClientSampleId :
DAM66DL

Tgt Ion:228 Resp: 2957205

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	29.8	21.1	31.7

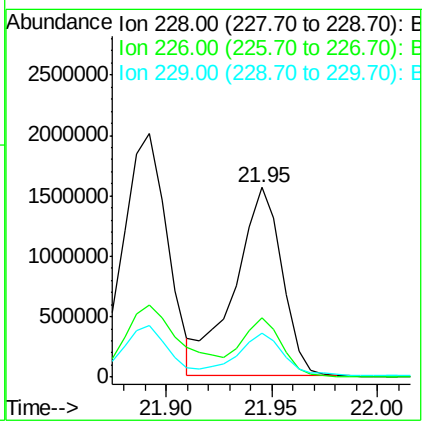


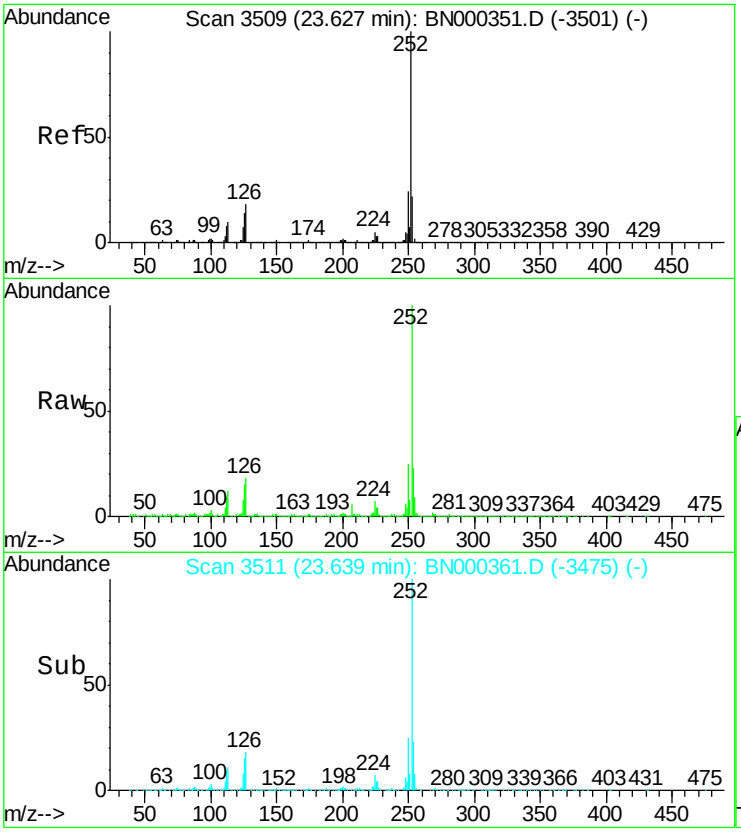


#21
Chrysene
Concen: 37.488 ng/ul
RT: 21.95 min Scan# 3223
Delta R.T. 0.01 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Tgt Ion:228 Resp: 2420303

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	23.0	15.8	23.8



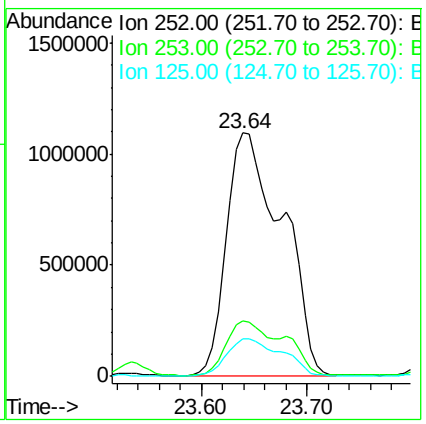


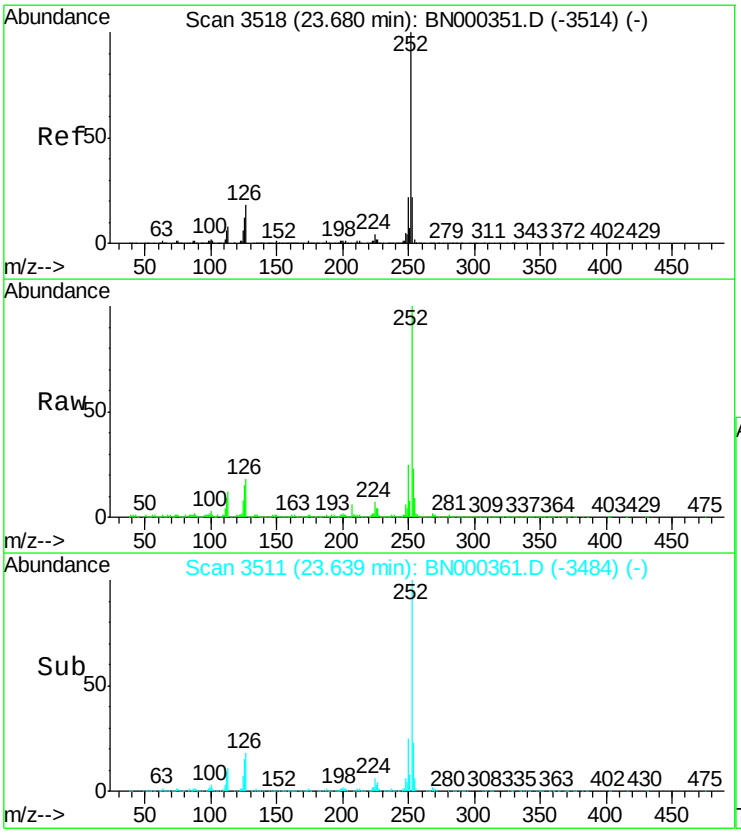
#23
Benzo(b)fluoranthene
Concen: 62.545 ng/ul
RT: 23.64 min Scan# 3511
Delta R.T. 0.01 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Instrument :
BNA_N
ClientSampleId :
DAM66DL

Tgt Ion:252 Resp: 3985829

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	15.2	8.0	12.0#

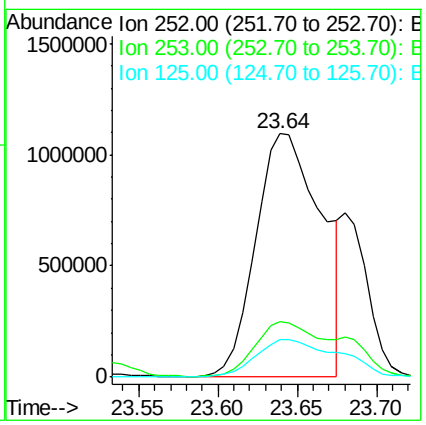


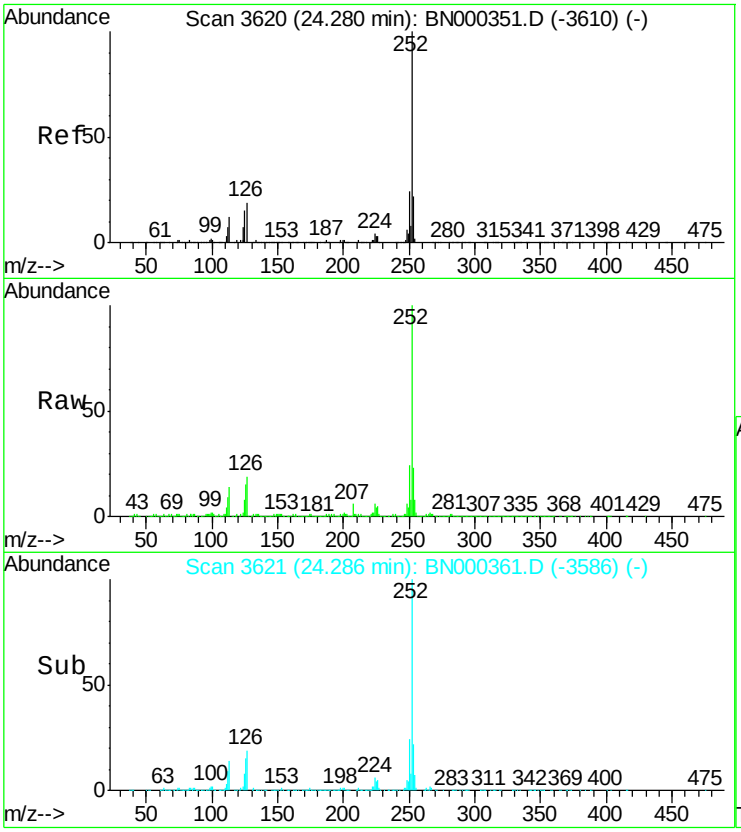


#24
Benzo(k)fluoranthene
Concen: 52.819 ng/ul
RT: 23.64 min Scan# 3511
Delta R.T. -0.04 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Tgt Ion:252 Resp: 3150721

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	15.2	8.1	12.1#



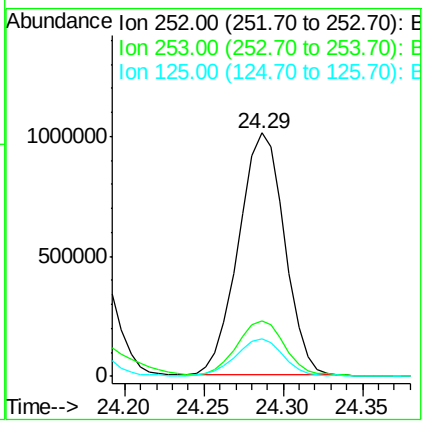


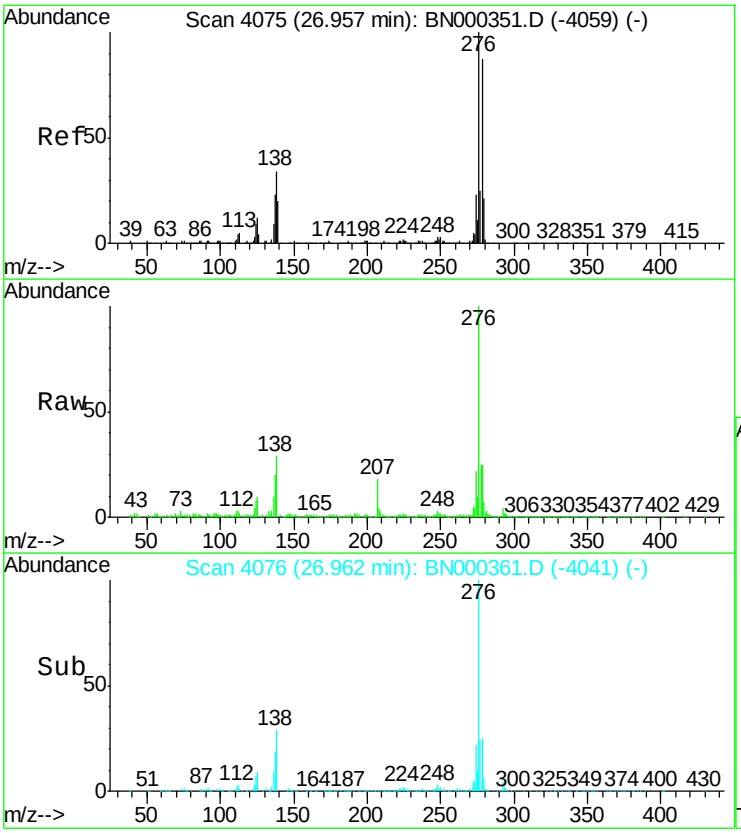
#26
Benzo(a)pyrene
Concen: 33.675 ng/ul
RT: 24.29 min Scan# 3621
Delta R.T. 0.01 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Instrument :
BNA_N
ClientSampleId :
DAM66DL

Tgt Ion:252 Resp: 2042441

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	15.4	8.2	12.4#

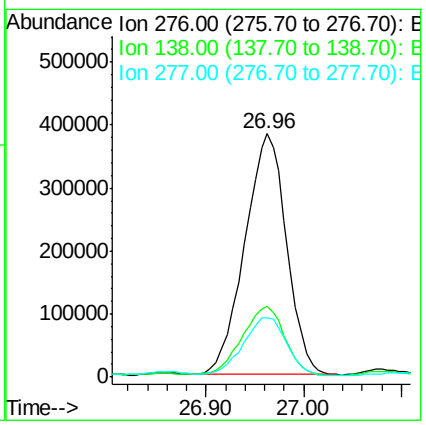


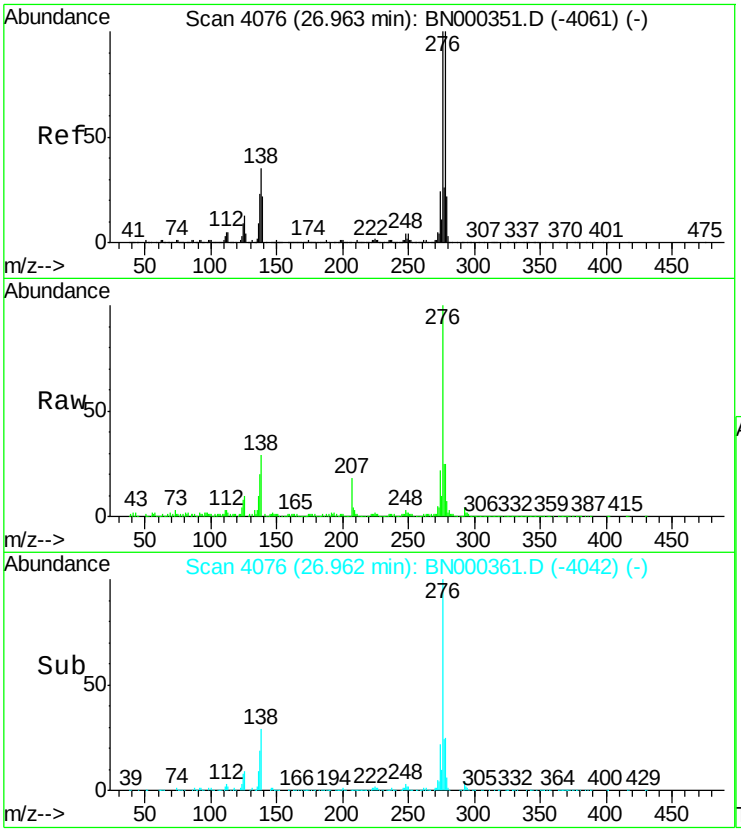


#27
Indeno(1,2,3-cd)pyrene
Concen: 17.513 ng/ul
RT: 26.96 min Scan# 4076
Delta R.T. 0.01 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Tgt Ion:276 Resp: 1145261

Ion	Ratio	Lower	Upper
276	100		
138	29.0	14.4	21.6#
277	24.5	18.0	27.0



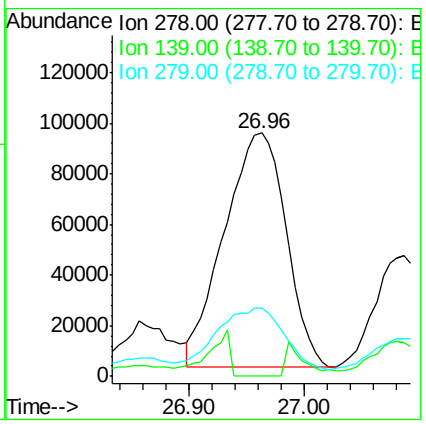


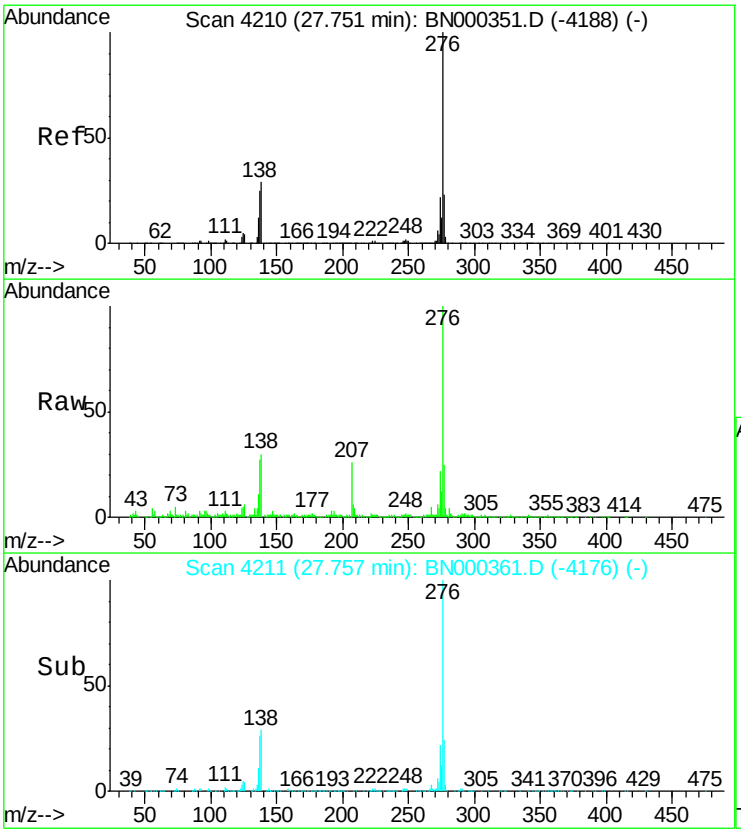
#28
Dibenzo(a,h)anthracene
Concen: 6.415 ng/ul
RT: 26.96 min Scan# 4076
Delta R.T. -0.00 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Instrument :
BNA_N
ClientSampleId :
DAM66DL

Tgt Ion:278 Resp: 343861

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	28.2	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 16.178 ng/ul
RT: 27.76 min Scan# 4211
Delta R.T. 0.01 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Tgt Ion:276 Resp: 883372

Ion	Ratio	Lower	Upper
276	100		
138	29.8	15.3	22.9#
277	25.0	19.0	28.4