Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005677.D
Acq On : 06 Jun 2016 19:36
Operator : UM/SJ
Sample : H3412-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XS5

Quant Time: Jun 07 04:27:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	147920	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	599095	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	283843	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	556433	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	556515	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	586057	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.22	96	3665	1.04	ng/uL	0.00
3) Phenol-d5	6.94	99	111076	8.54	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	93496	11.81	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	105267	9.81	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	38650	3.76	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	53426	11.61	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	55921	11.36	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	81414	9.31	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	56554	5.44	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	269709	12.36	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	347182	12.23	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	19703	6.31	ng/ul	0.00
21) Fluorene-d10	15.39	176	231437	12.35	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	13930	5.32	ng/ul	0.00
26) Anthracene-d10	17.24	188	319542	12.09	ng/ul	0.00
30) Pyrene-d10	19.54	212	340145	12.16	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	320867	11.90	ng/ul	0.00
Target Compounds						Qvalue
18) Acenaphthylene	14.12	152	64382	2.19	ng/ul	97
25) Phenanthrene	17.19	178	366136	11.92	ng/ul	98
27) Anthracene	17.28	178	73116	2.34	ng/ul	99
28) Fluoranthene	19.20	202	647190	20.62	ng/ul	98
31) Pyrene	19.57	202	545285	15.53	ng/ul	97
32) Benzo(a)anthracene	21.31	228	350410	10.74	ng/ul	97
33) Chrysene	21.36	228	370007	12.00	ng/ul	96
35) Benzo(b)fluoranthene	22.91	252	624889	17.68	ng/ul	98
36) Benzo(k)fluoranthene	22.91	252	624889	18.85	ng/ul	98
38) Benzo(a)pyrene	23.49	252	367312	10.80	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.87	276	317114	7.88	ng/ul	96
40) Dibenzo(a,h)anthracene	25.88	278	88146	2.61	ng/ul#	92
41) Benzo(g,h,i)perylene	26.58	276	304282	9.01	ng/ul#	94

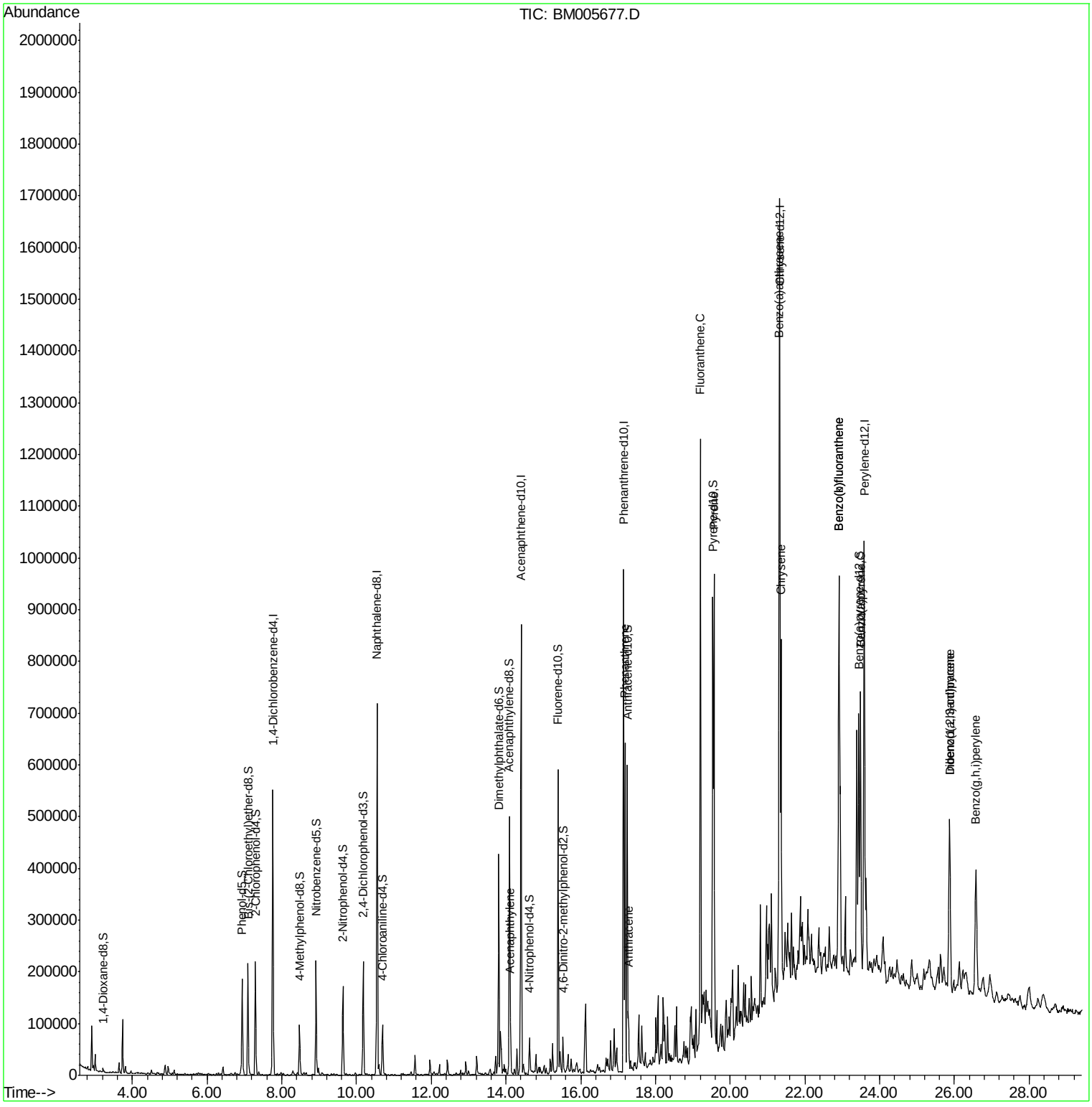
(#) = qualifier out of range (m) = manual integration (+) = signals summed

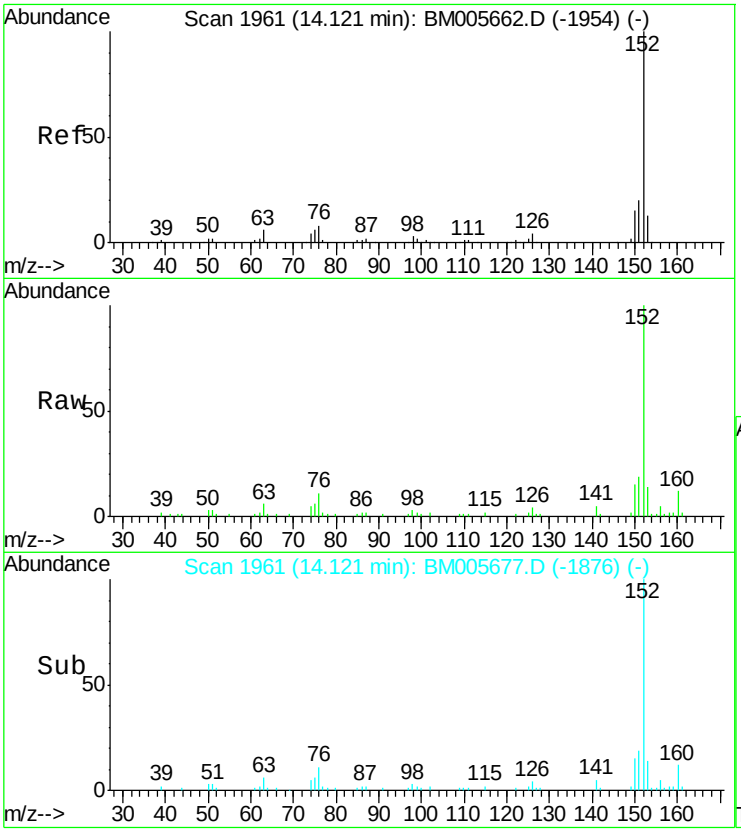
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005677.D
Acq On : 06 Jun 2016 19:36
Operator : UM/SJ
Sample : H3412-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XS5

Quant Time: Jun 07 04:27:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration



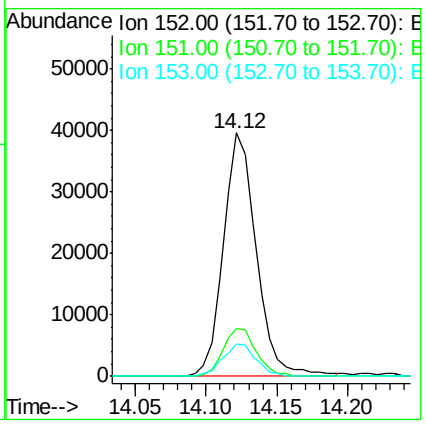


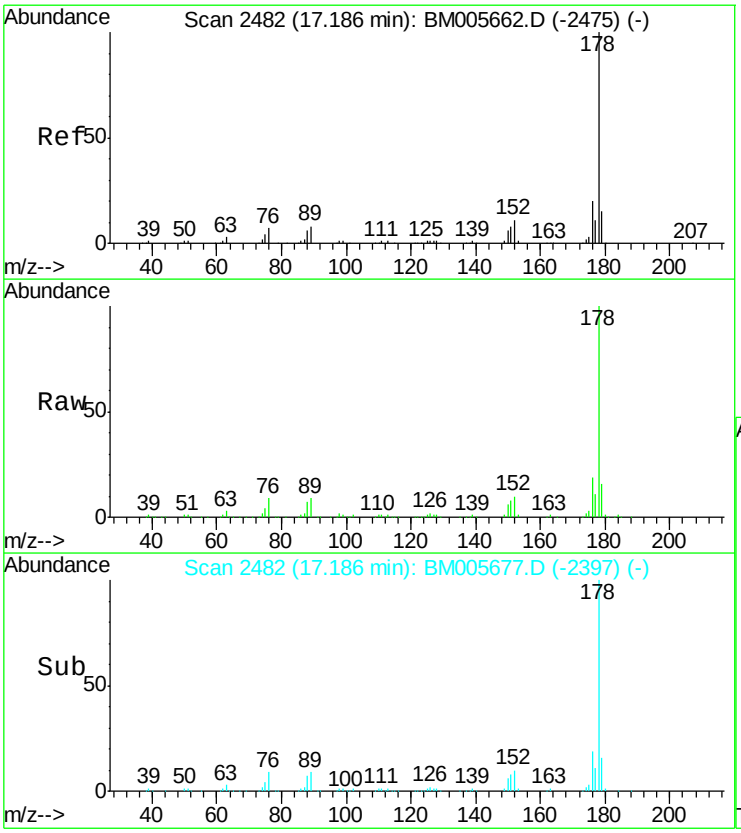
#18
Acenaphthylene
Concen: 2.19 ng/ul
RT: 14.12 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Instrument :
BNA_M
ClientSampleId :
D9XS5

Tgt Ion:152 Resp: 64382

Ion	Ratio	Lower	Upper
152	100		
151	19.4	17.3	25.9
153	13.6	11.1	16.7

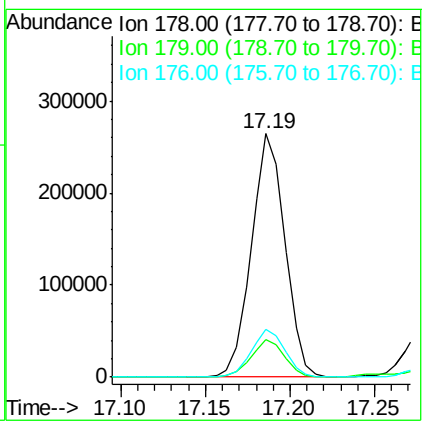


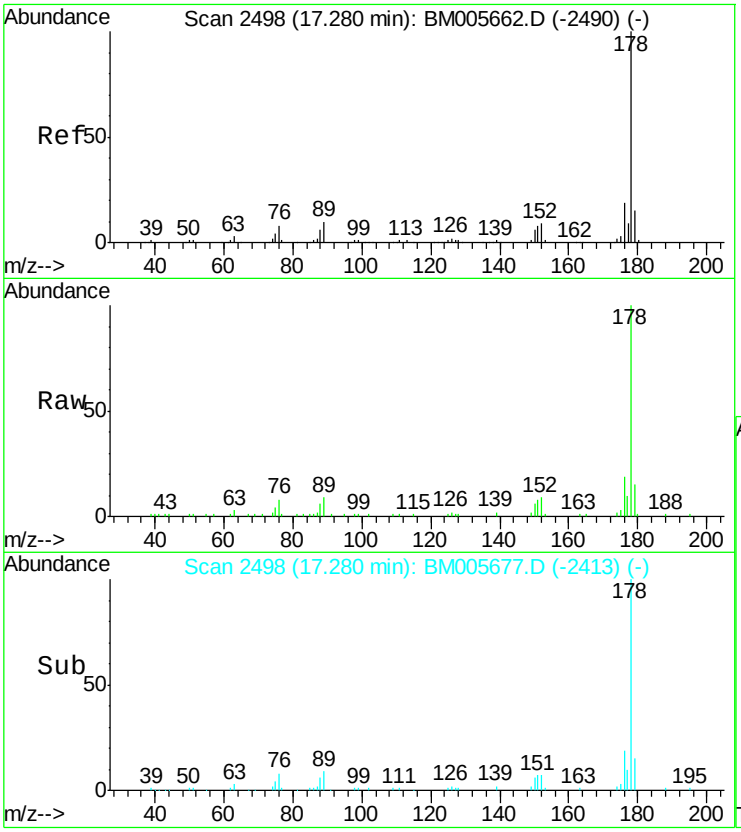


#25
Phenanthrene
Concen: 11.92 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Tgt Ion:178 Resp: 366136

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	19.4	14.8	22.2



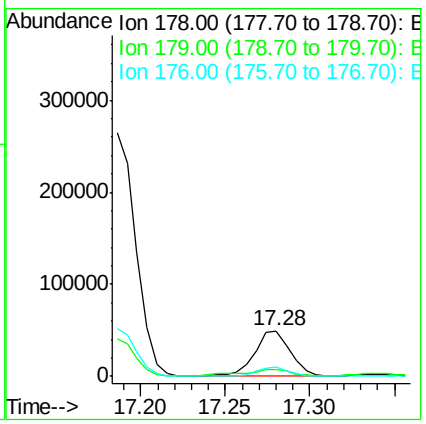


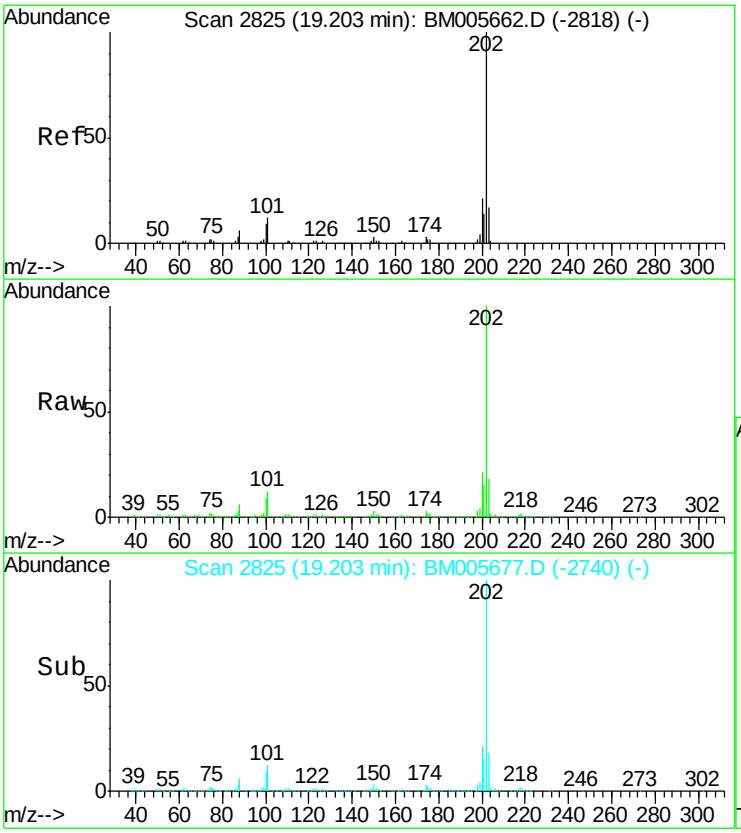
#27
Anthracene
Concen: 2.34 ng/ul
RT: 17.28 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Instrument :
BNA_M
ClientSampleId :
D9XS5

Tgt Ion:178 Resp: 73116

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	19.3	15.6	23.4

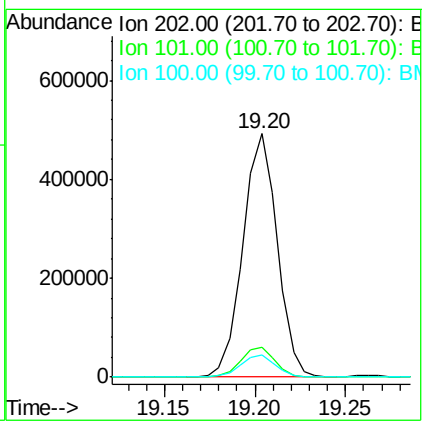


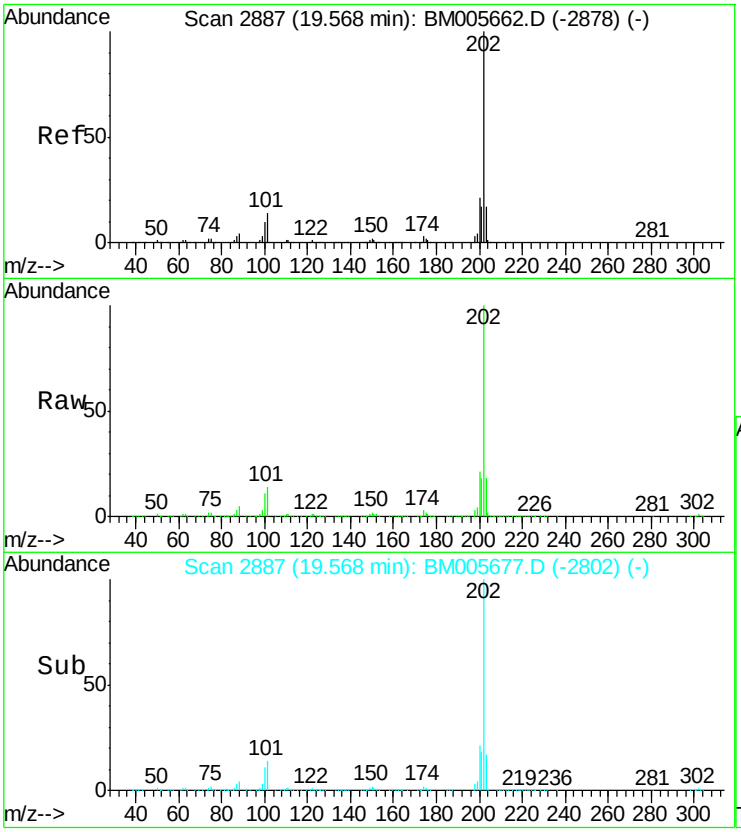


#28
Fluoranthene
Concen: 20.62 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Tgt Ion:202 Resp: 647190

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.9	13.3
100	9.0	7.0	10.4



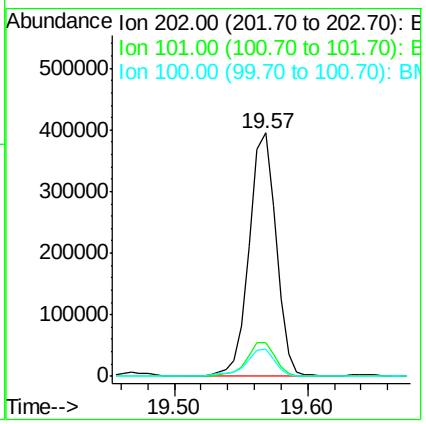


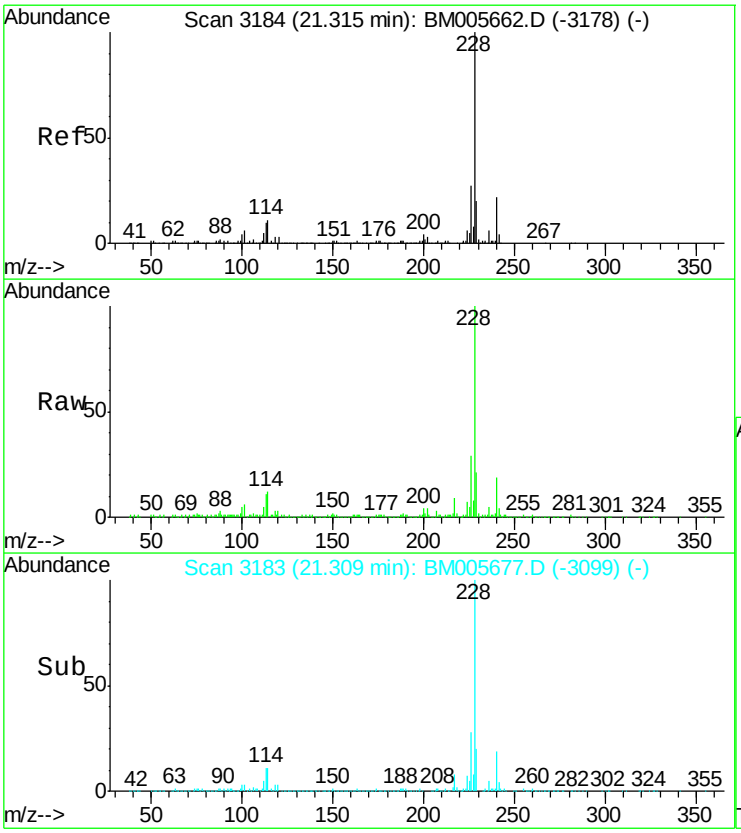
#31
Pyrene
Concen: 15.53 ng/ul
RT: 19.57 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Instrument :
BNA_M
ClientSampleId :
D9XS5

Tgt Ion:202 Resp: 545285

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.8	14.8
100	11.0	9.3	13.9

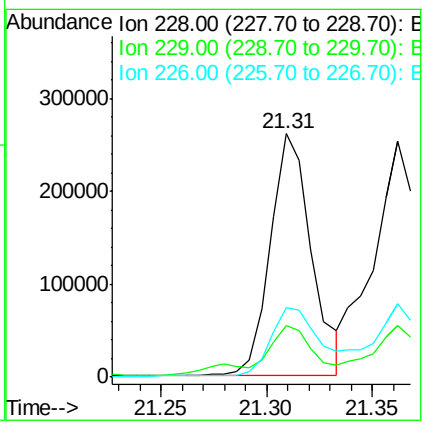


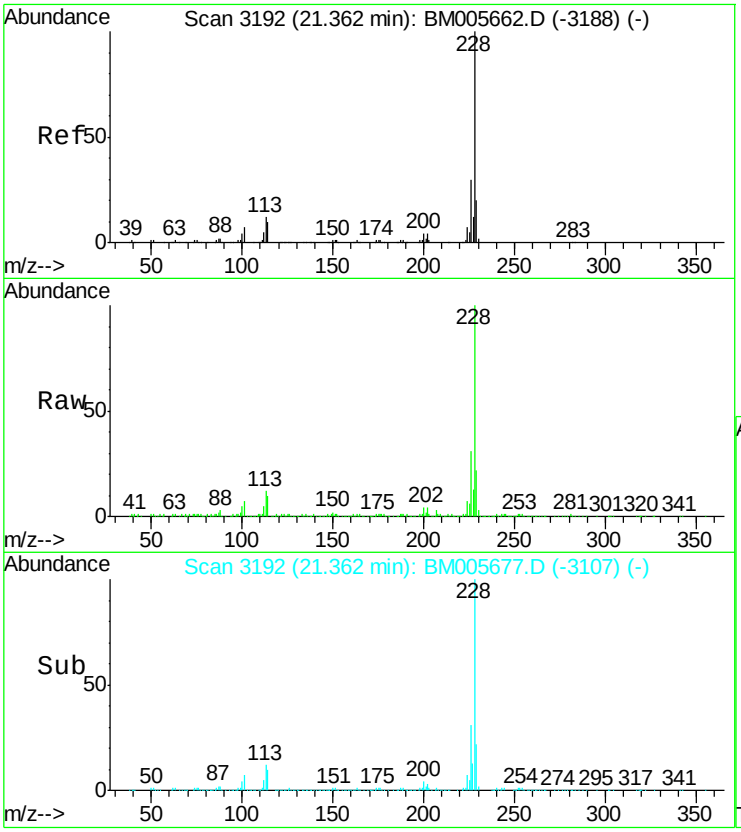


#32
Benzo(a)anthracene
Concen: 10.74 ng/ul
RT: 21.31 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Tgt Ion:228 Resp: 350410

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.6	25.0
226	28.6	21.0	31.4



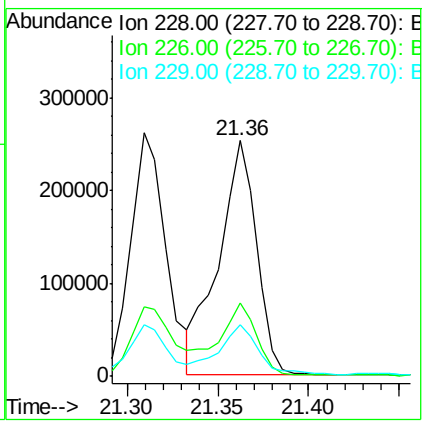


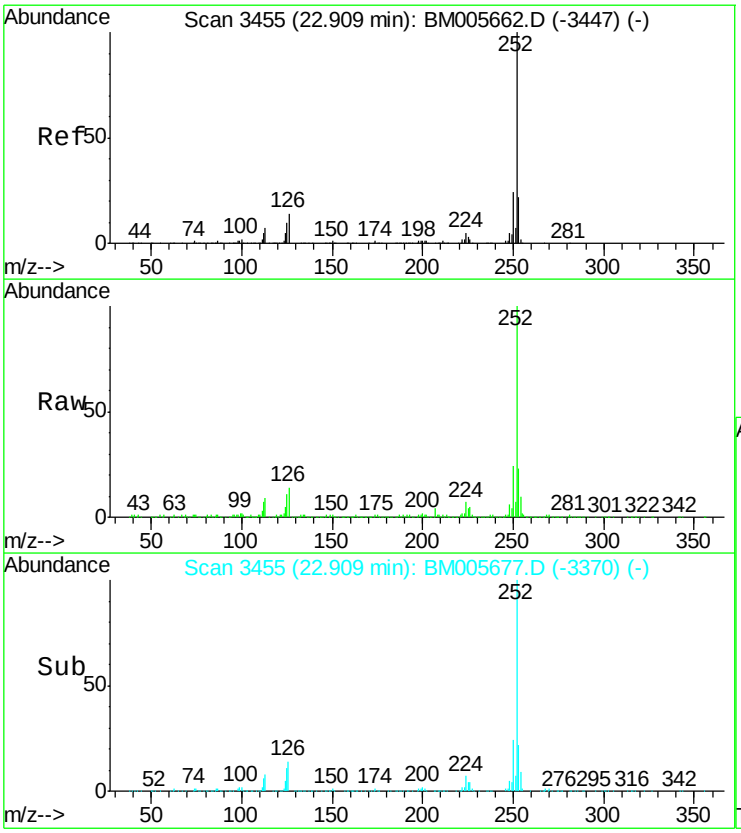
#33
Chrysene
Concen: 12.00 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. 0.00 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Instrument :
BNA_M
ClientSampleId :
D9XS5

Tgt Ion:228 Resp: 370007

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	22.1	16.2	24.2

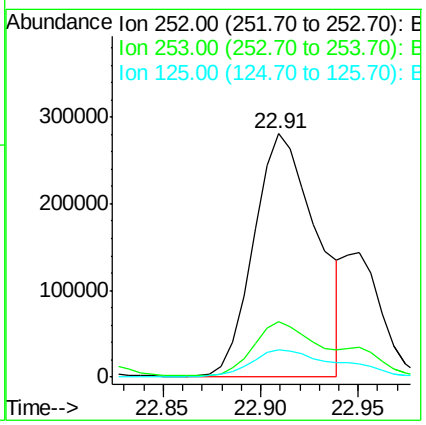


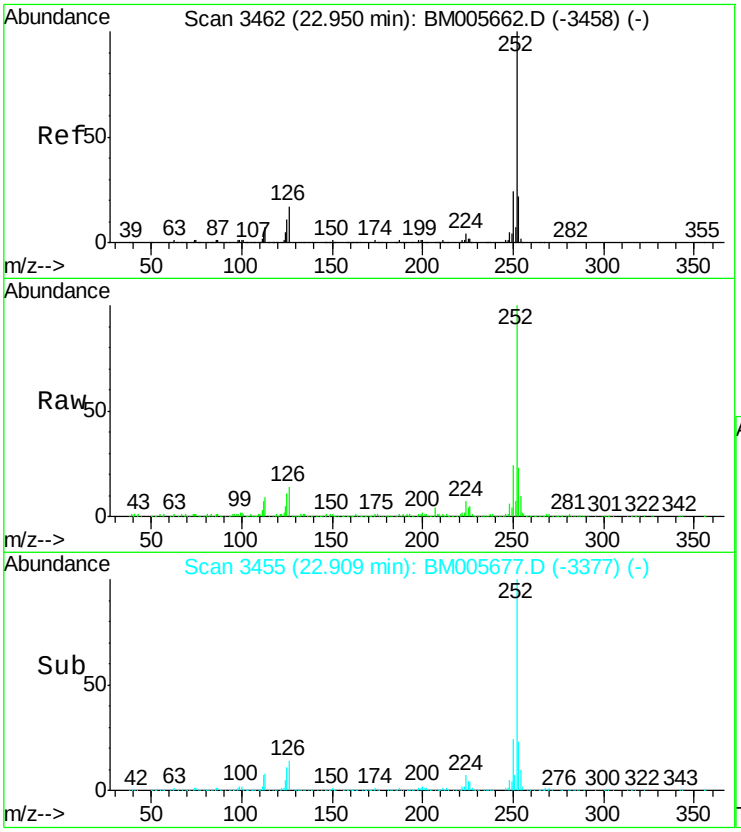


#35
Benzo(b)fluoranthene
Concen: 17.68 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. 0.00 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Tgt Ion:252 Resp: 624889

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.1	7.6	11.4



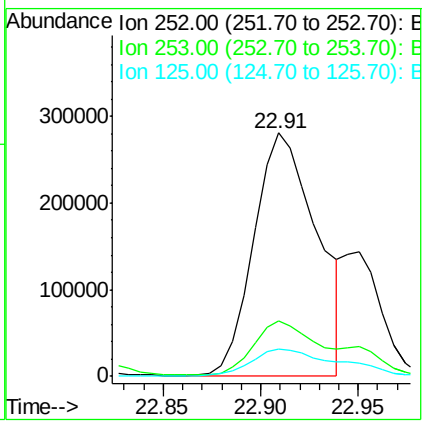


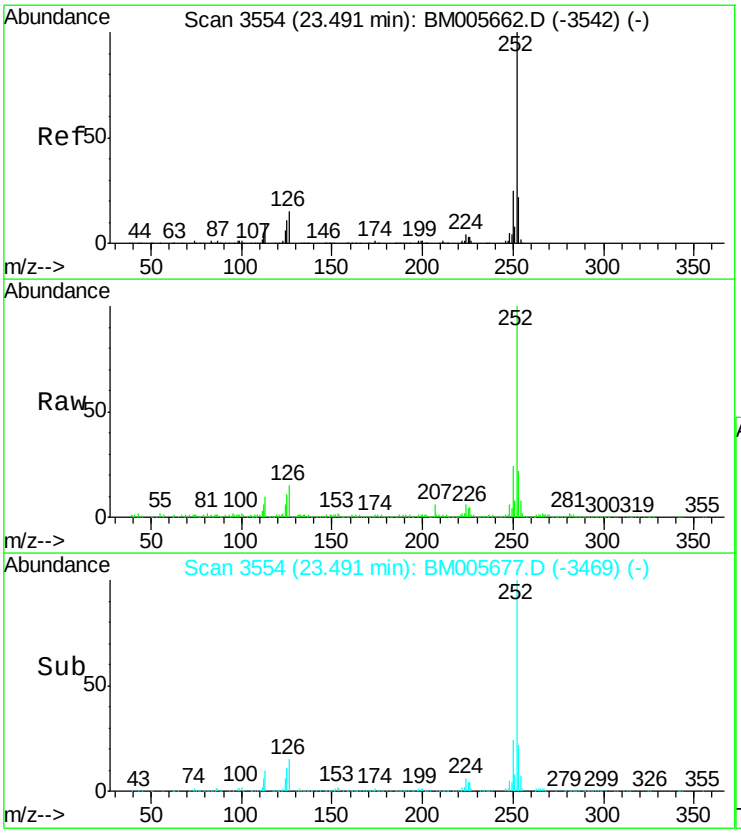
#36
Benzo(k)fluoranthene
Concen: 18.85 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. -0.04 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Instrument :
BNA_M
ClientSampleId :
D9XS5

Tgt Ion:252 Resp: 624889

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.1	7.7	11.5

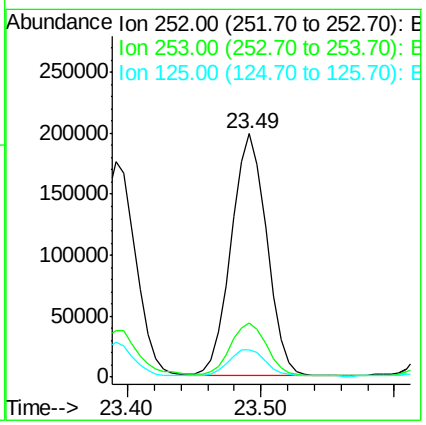


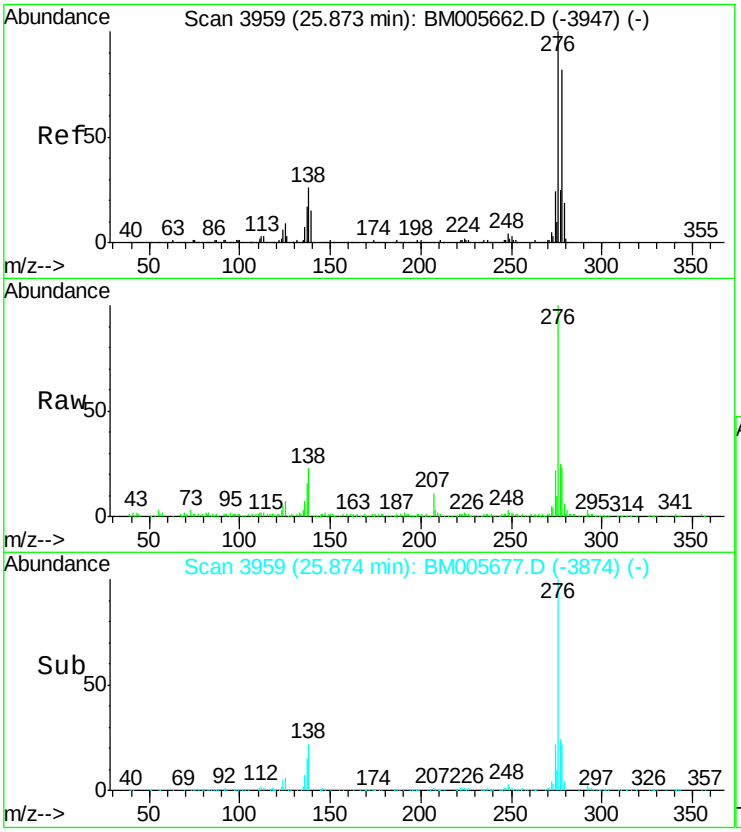


#38
Benzo(a)pyrene
Concen: 10.80 ng/ul
RT: 23.49 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Tgt Ion:252 Resp: 367312

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	11.4	8.2	12.2



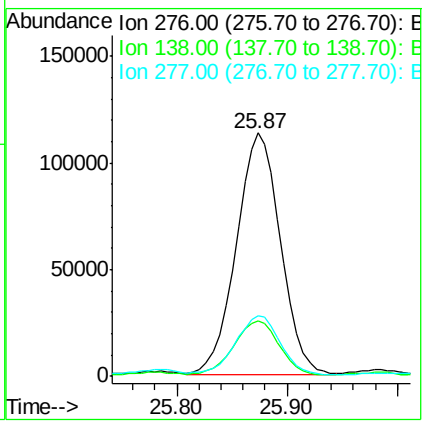


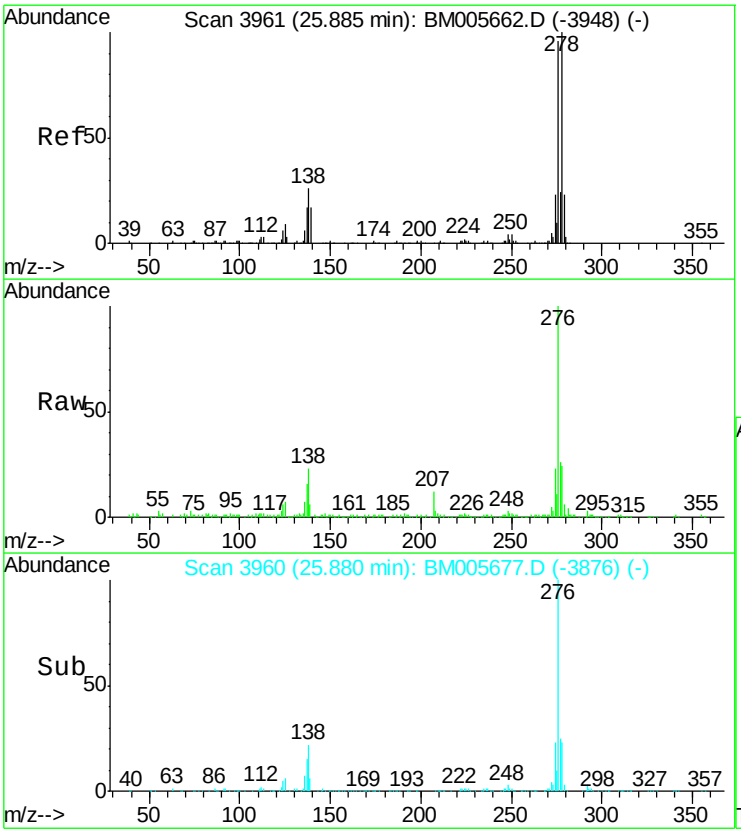
#39
Indeno(1,2,3-cd)pyrene
Concen: 7.88 ng/ul
RT: 25.87 min Scan# 3959
Delta R.T. 0.00 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Instrument :
BNA_M
ClientSampleId :
D9XS5

Tgt Ion:276 Resp: 317114

Ion	Ratio	Lower	Upper
276	100		
138	22.5	15.8	23.6
277	24.7	19.0	28.6

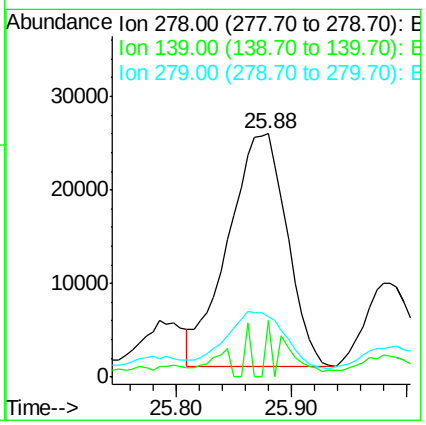


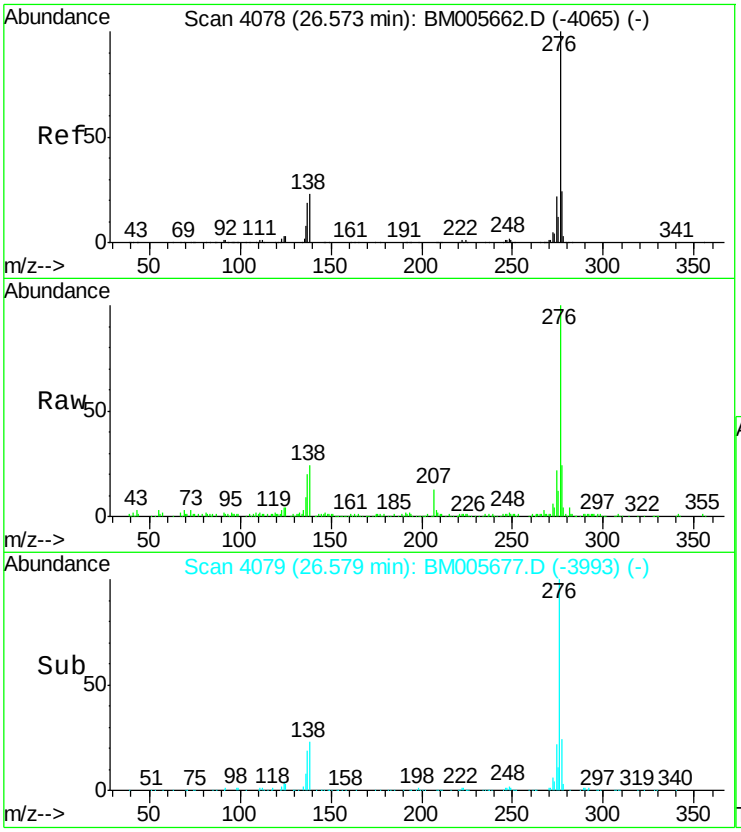


#40
Dibenzo(a,h)anthracene
Concen: 2.61 ng/ul
RT: 25.88 min Scan# 3960
Delta R.T. -0.01 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Tgt Ion:278 Resp: 88146

Ion	Ratio	Lower	Upper
278	100		
139	23.3	12.1	18.1#
279	25.1	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 9.01 ng/ul
RT: 26.58 min Scan# 4079
Delta R.T. 0.01 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Instrument :
BNA_M
ClientSampleId :
D9XS5

Tgt Ion:276 Resp: 304282

Ion	Ratio	Lower	Upper
276	100		
138	23.6	13.9	20.9#
277	24.4	19.8	29.6