Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006078.D
Acq On : 27 Jun 2016 20:09
Operator : UM/SJ
Sample : H3670-21DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YA3DL

Quant Time: Jun 28 02:13:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 02:11:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	221857	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1144698	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	740371	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1760539	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1719600	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1478543	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	1091	0.22	ng/uL	0.00
3) Phenol-d5	6.83	99	38646	1.66	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	25510	1.96	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	30126	1.85	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	26517	1.35	ng/ul	0.00
8) Nitrobenzene-d5	8.86	128	107	0.01	ng/ul	0.05
9) 2-Nitrophenol-d4	9.53	143	16049	1.66	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	33652	1.81	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	31910	1.58	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	122813	1.94	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	156795	2.13	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	11483	0.85	ng/ul	-0.01
21) Fluorene-d10	15.30	176	118011	2.18	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	2916	0.30	ng/ul	0.00
26) Anthracene-d10	17.16	188	183540	2.27	ng/ul	0.00
30) Pyrene-d10	19.46	212	204780	2.72	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	148755	2.23	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.10	178	1361331	14.38	ng/ul	100
27) Anthracene	17.19	178	284767	2.91	ng/ul	99
28) Fluoranthene	19.12	202	2342064	19.31	ng/ul	99
31) Pyrene	19.49	202	2043847	20.76	ng/ul	96
32) Benzo(a)anthracene	21.24	228	851227	8.33	ng/ul	97
33) Chrysene	21.29	228	816790	8.75	ng/ul	97
35) Benzo(b)fluoranthene	22.81	252	1025305	11.93	ng/ul	98
36) Benzo(k)fluoranthene	22.81	252	1025305	12.83	ng/ul	99
38) Benzo(a)pyrene	23.37	252	668958	8.12	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.69	276	510792	5.20	ng/ul#	91
40) Dibenzo(a,h)anthracene	25.69	278	107420	1.32	ng/ul#	81
41) Benzo(g,h,i)perylene	26.37	276	526664	6.20	ng/ul	98

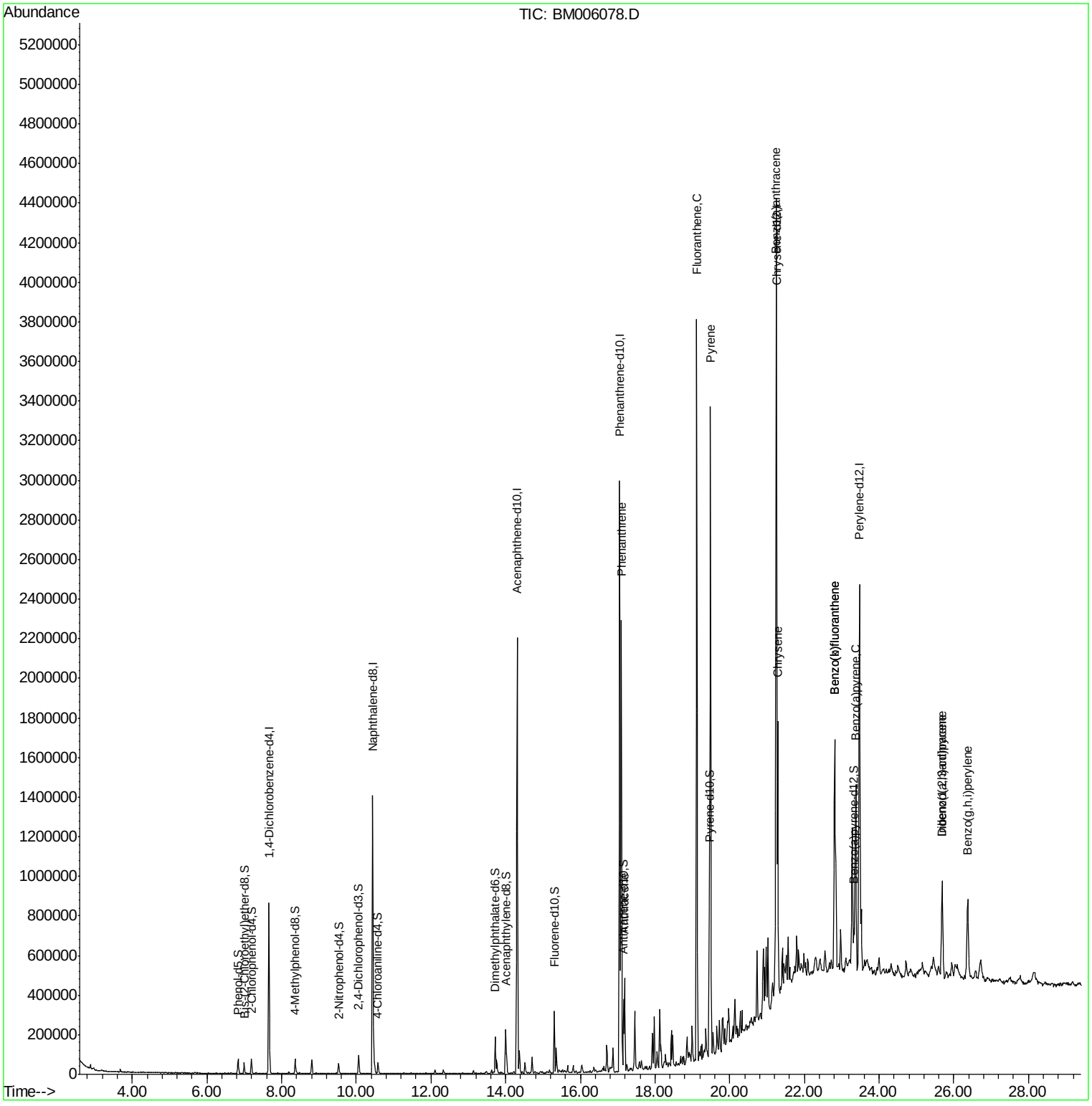
(#) = qualifier out of range (m) = manual integration (+) = signals summed

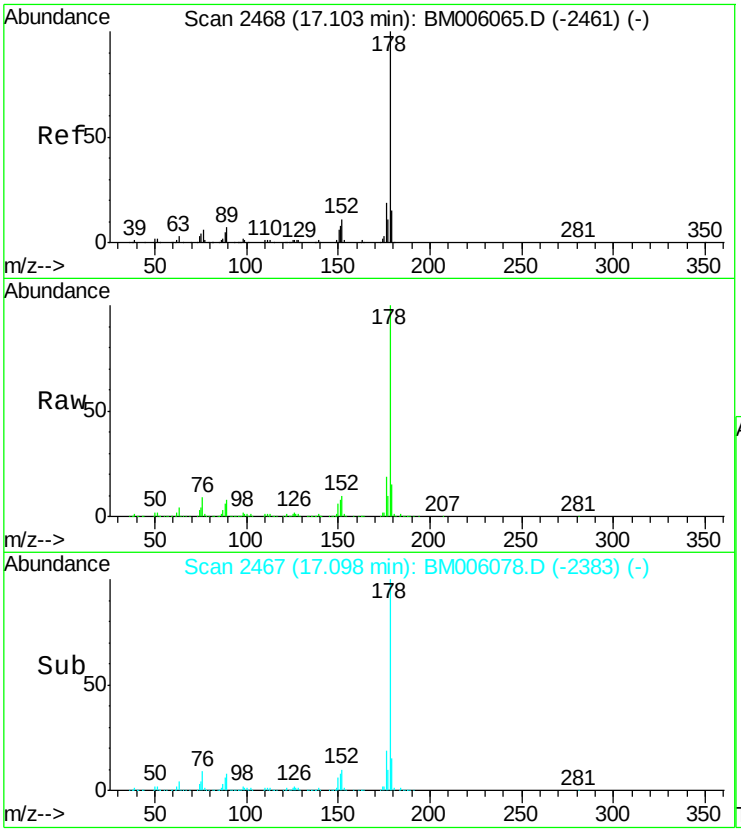
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006078.D
Acq On : 27 Jun 2016 20:09
Operator : UM/SJ
Sample : H3670-21DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YA3DL

Quant Time: Jun 28 02:13:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 02:11:41 2016
Response via : Initial Calibration



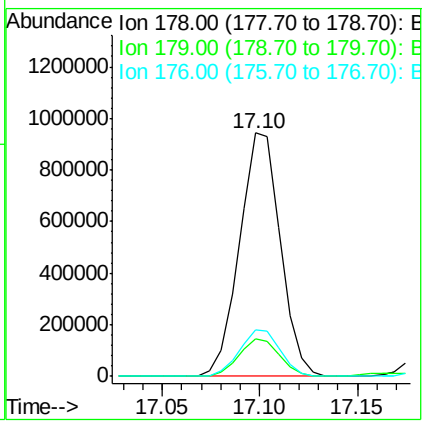


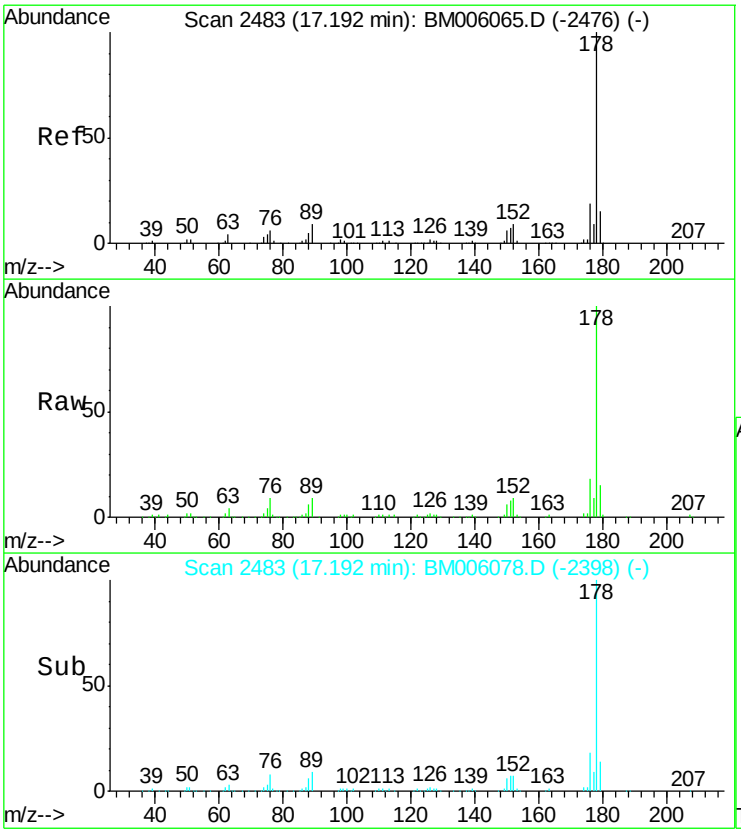
#25
Phenanthrene
Concen: 14.38 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Instrument :
BNA_M
ClientSampleId :
D9YA3DL

Tgt Ion:178 Resp: 1361331

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.9	15.3	22.9

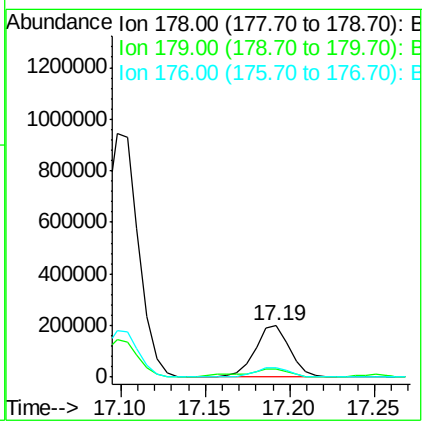


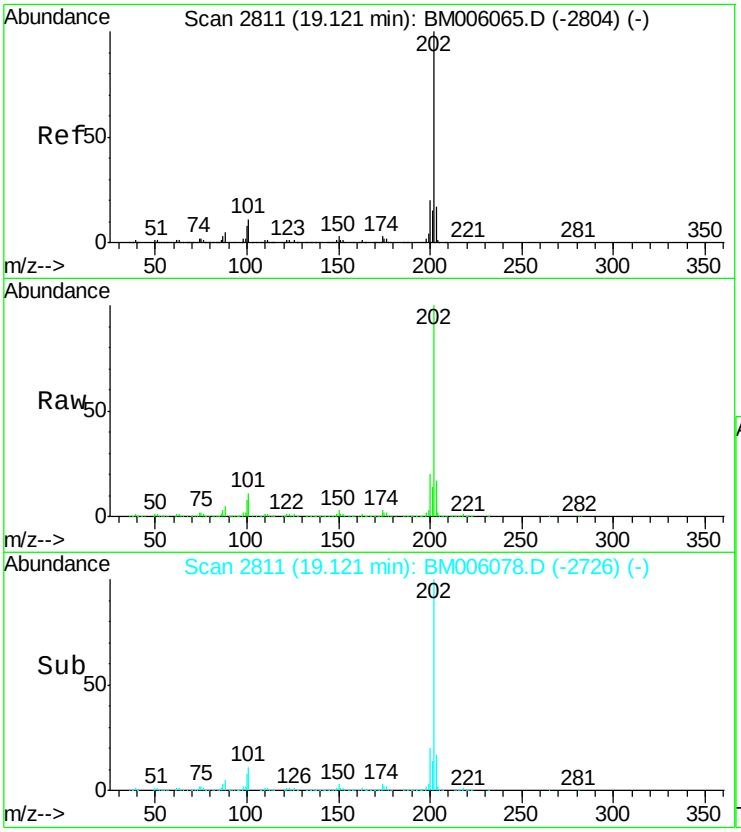


#27
Anthracene
Concen: 2.91 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.00 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Tgt Ion:178 Resp: 284767

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	18.4	14.6	22.0



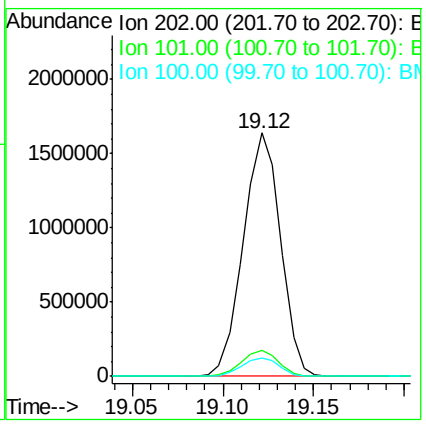


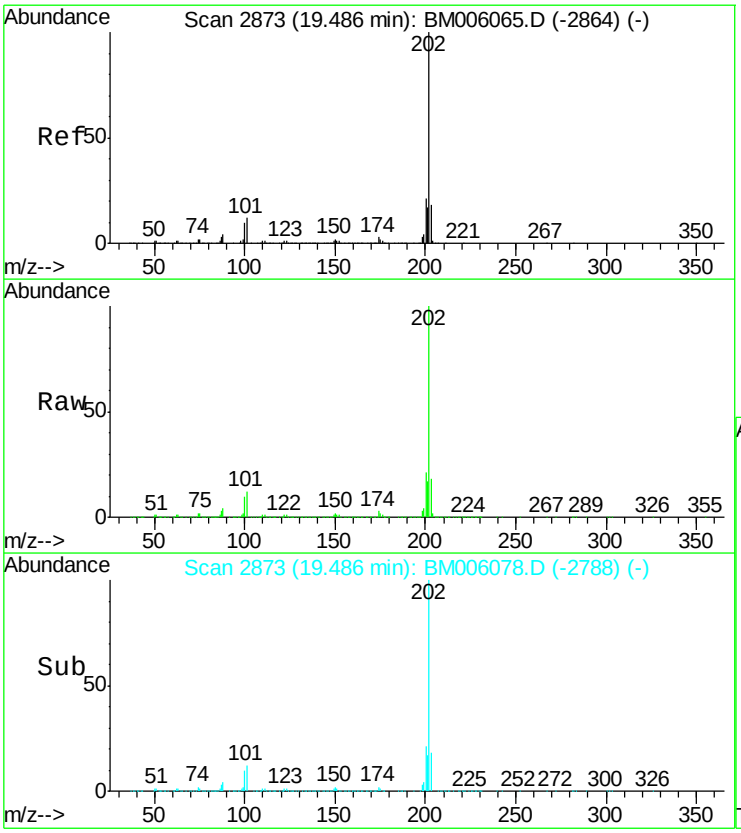
#28
Fluoranthene
Concen: 19.31 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Instrument :
BNA_M
ClientSampleId :
D9YA3DL

Tgt Ion:202 Resp: 2342064

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.5	12.7
100	7.8	6.5	9.7

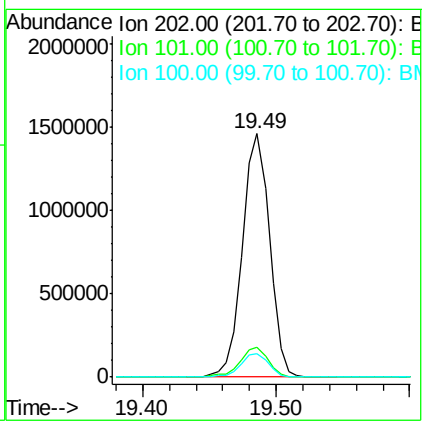


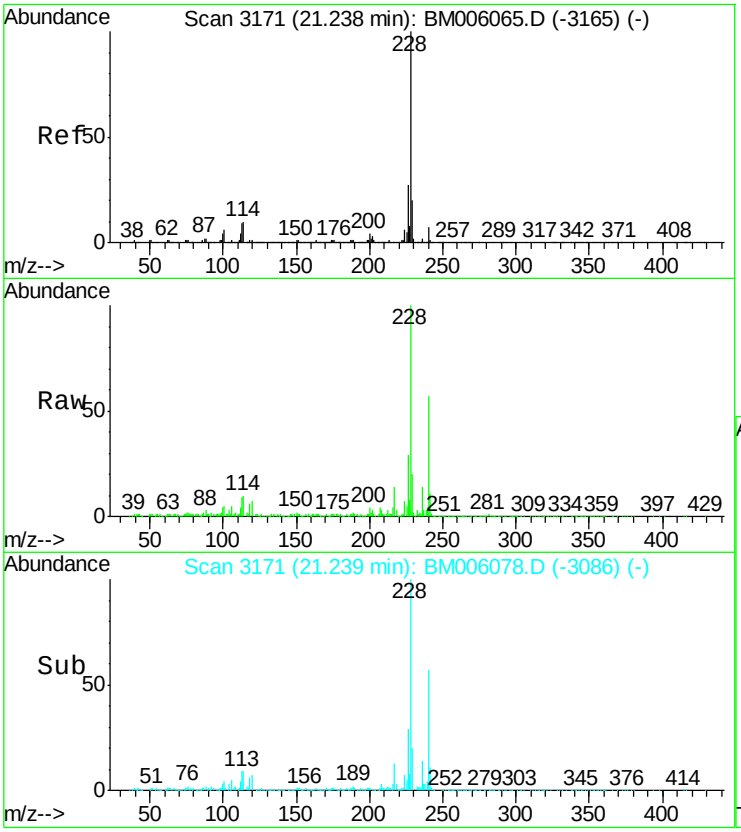


#31
Pyrene
Concen: 20.76 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Tgt Ion:202 Resp: 2043847

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.0	16.4
100	9.6	8.9	13.3



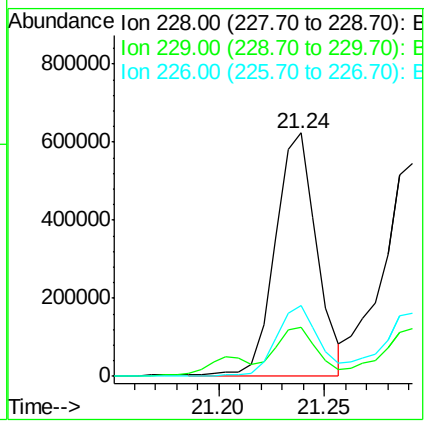


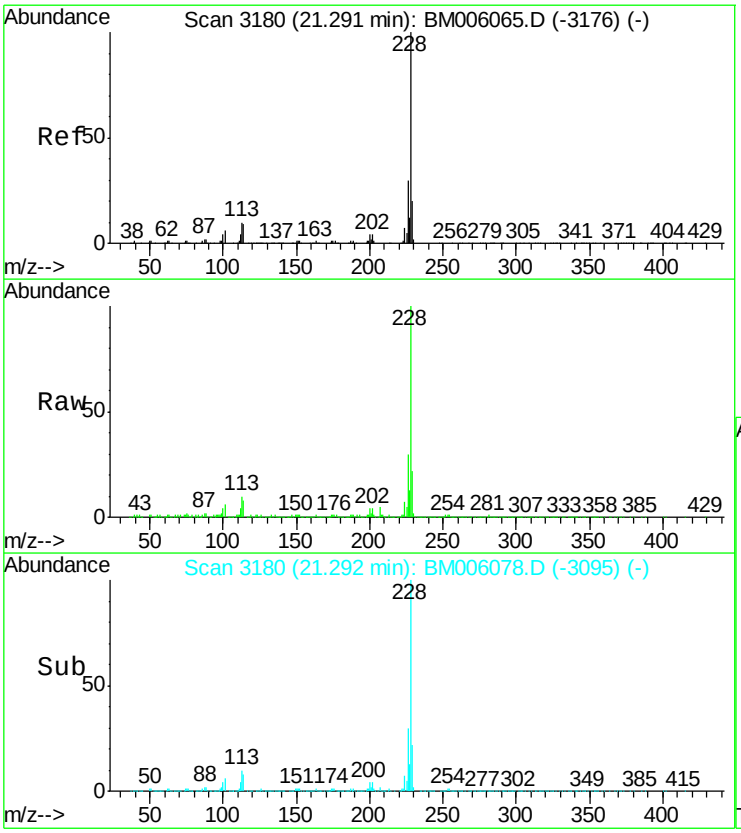
#32
Benzo(a)anthracene
Concen: 8.33 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Instrument :
BNA_M
ClientSampleId :
D9YA3DL

Tgt Ion:228 Resp: 851227

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.6	23.4
226	28.9	21.6	32.4

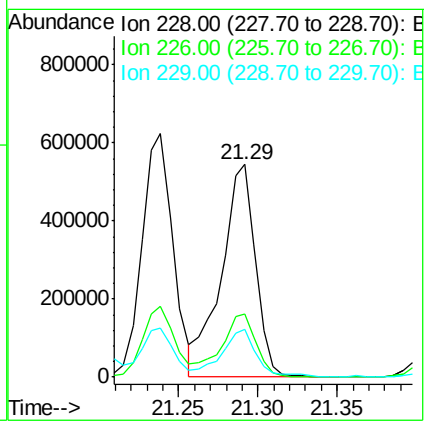


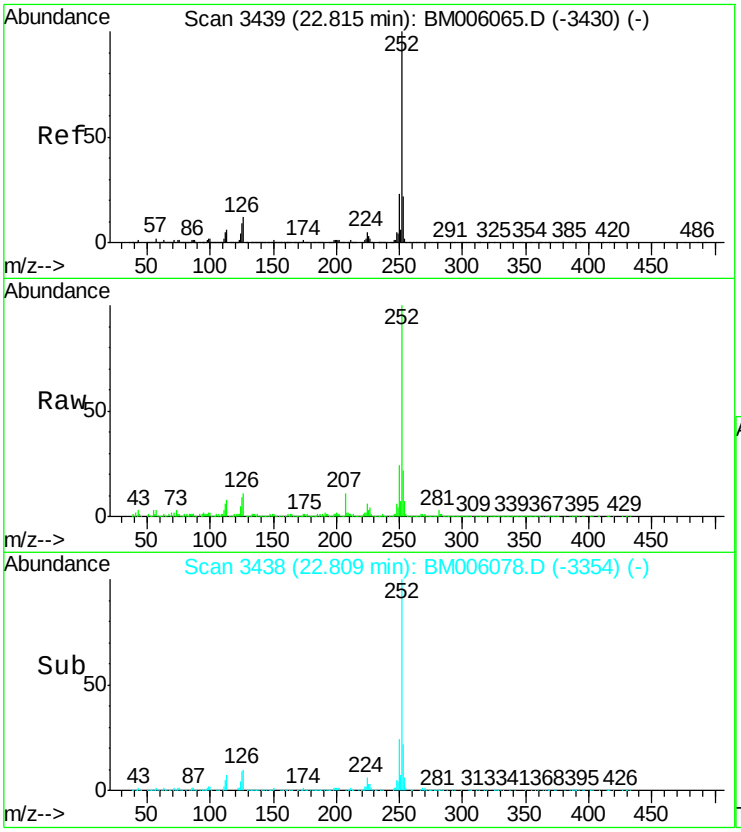


#33
Chrysene
Concen: 8.75 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Tgt Ion:228 Resp: 816790

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	22.5	15.8	23.6



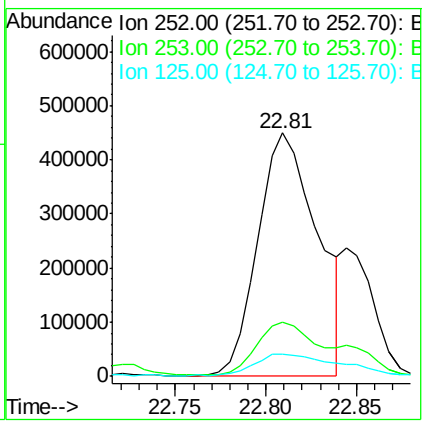


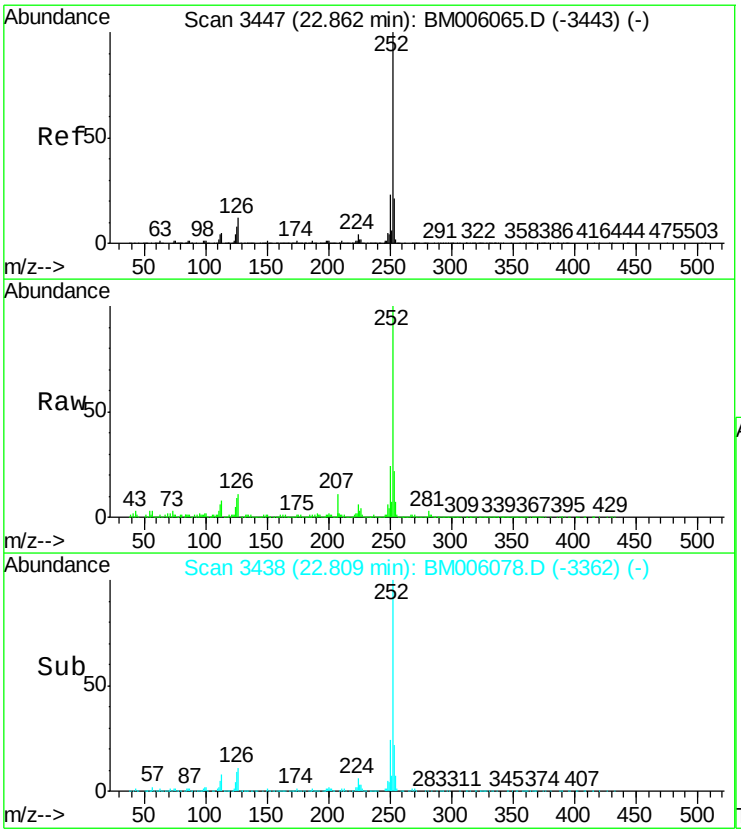
#35
Benzo(b)fluoranthene
Concen: 11.93 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Instrument :
BNA_M
ClientSampleId :
D9YA3DL

Tgt Ion:252 Resp: 1025305

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	9.3	7.8	11.6

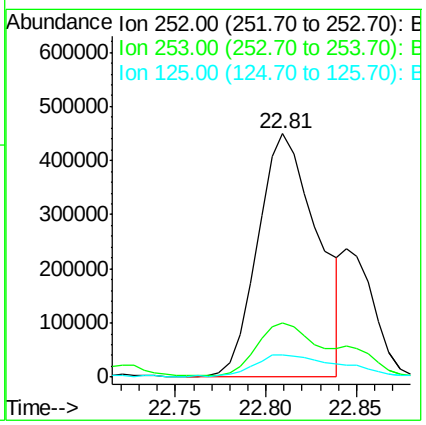


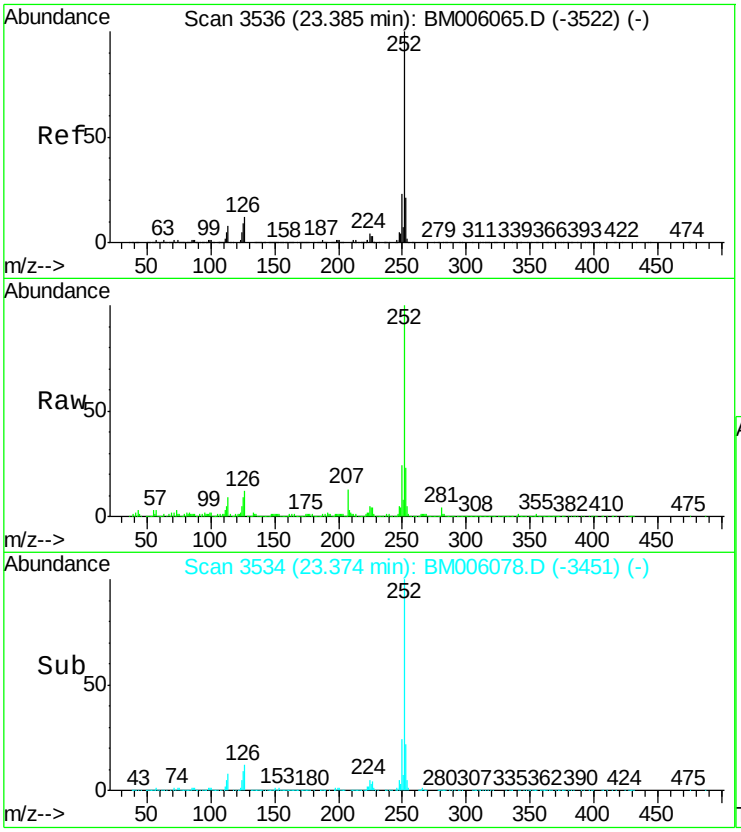


#36
Benzo(k)fluoranthene
Concen: 12.83 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.05 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Tgt Ion:252 Resp: 1025305

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.3	8.1	12.1



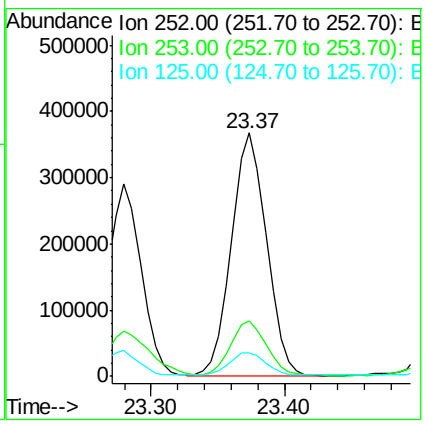


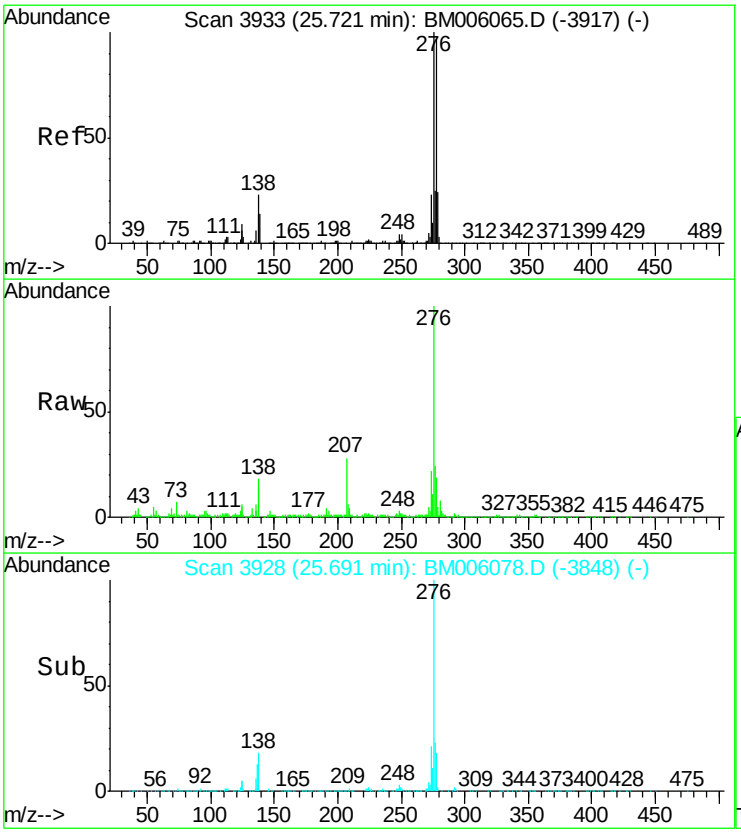
#38
Benzo(a)pyrene
Concen: 8.12 ng/ul
RT: 23.37 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Instrument :
BNA_M
ClientSampleId :
D9YA3DL

Tgt Ion:252 Resp: 668958

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	9.4	8.7	13.1

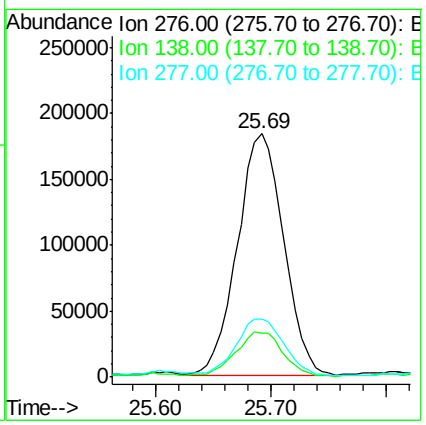


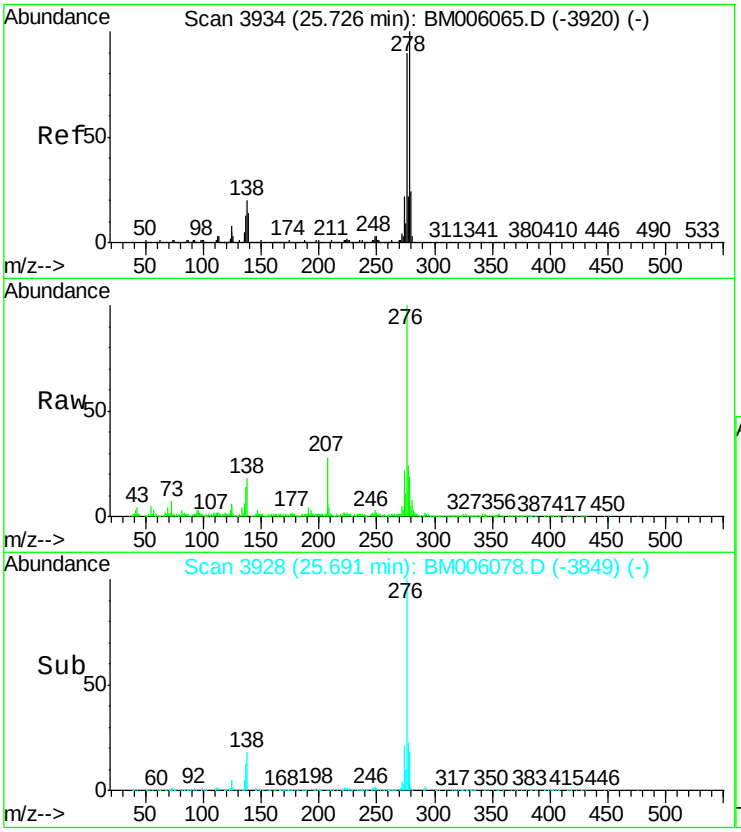


#39
Indeno(1,2,3-cd)pyrene
Concen: 5.20 ng/ul
RT: 25.69 min Scan# 3928
Delta R.T. -0.03 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Tgt Ion:276 Resp: 510792

Ion	Ratio	Lower	Upper
276	100		
138	18.3	20.4	30.6#
277	24.0	20.6	30.8



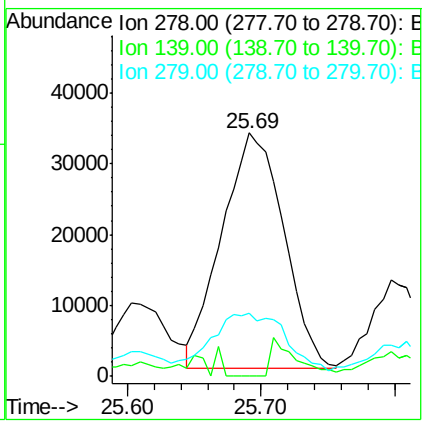


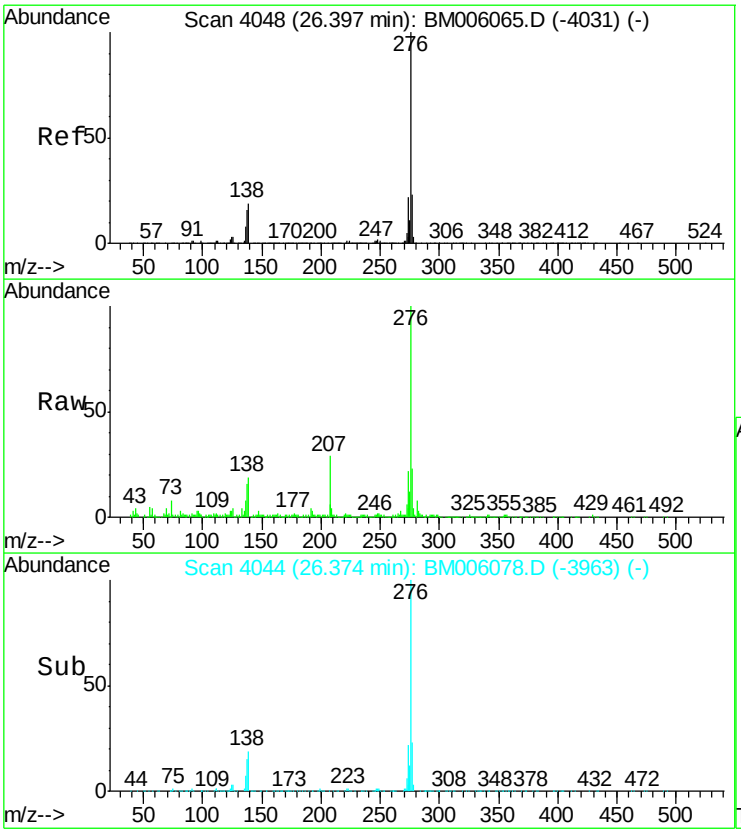
#40
Dibenzo(a,h)anthracene
Concen: 1.32 ng/ul
RT: 25.69 min Scan# 3928
Delta R.T. -0.04 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Instrument :
BNA_M
ClientSampleId :
D9YA3DL

Tgt Ion:278 Resp: 107420

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	26.1	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 6.20 ng/ul
RT: 26.37 min Scan# 4044
Delta R.T. -0.02 min
Lab File: BM006078.D
Acq: 27 Jun 2016 20:09

Tgt Ion:276 Resp: 526664

Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.6	25.0
277	23.3	18.9	28.3