Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006072.D
Acq On : 27 Jun 2016 16:33
Operator : UM/SJ
Sample : H3669-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y56

Quant Time: Jun 28 02:12:52 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	144352	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	788952	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	546608	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1386785	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1619161	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1544928	20.00	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	3484	1.08	ng/uL	0.00
3) Phenol-d5	6.83	99	164000	10.80	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	109640	12.98	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	127319	12.04	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	116930	9.12	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	72767	12.11	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	74746	11.18	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	152390	11.89	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	166537	11.97	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	559218	11.95	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	733290	13.51	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	70892	7.10	ng/ul	-0.02
21) Fluorene-d10	15.30	176	540757	13.53	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	34045	4.42	ng/ul	-0.01
26) Anthracene-d10	17.15	188	880094	13.82	ng/ul	0.00
30) Pyrene-d10	19.46	212	1064867	15.01	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	888867	12.74	ng/ul	-0.01
Target Compounds						Qvalue
25) Phenanthrene	17.10	178	83707	1.12	ng/ul	96
28) Fluoranthene	19.12	202	324889	3.40	ng/ul	99
31) Pyrene	19.48	202	291681	3.15	ng/ul	97
32) Benzo(a)anthracene	21.23	228	146108	1.52	ng/ul	97
33) Chrysene	21.29	228	239061	2.72	ng/ul	98
35) Benzo(b)fluoranthene	22.80	252	347540	3.87	ng/ul	99
36) Benzo(k)fluoranthene	22.80	252	347540	4.16	ng/ul	100
38) Benzo(a)pyrene	23.37	252	153863	1.79	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.69	276	121768	1.19	ng/ul	94
41) Benzo(g,h,i)perylene	26.37	276	112160	1.26	ng/ul	96

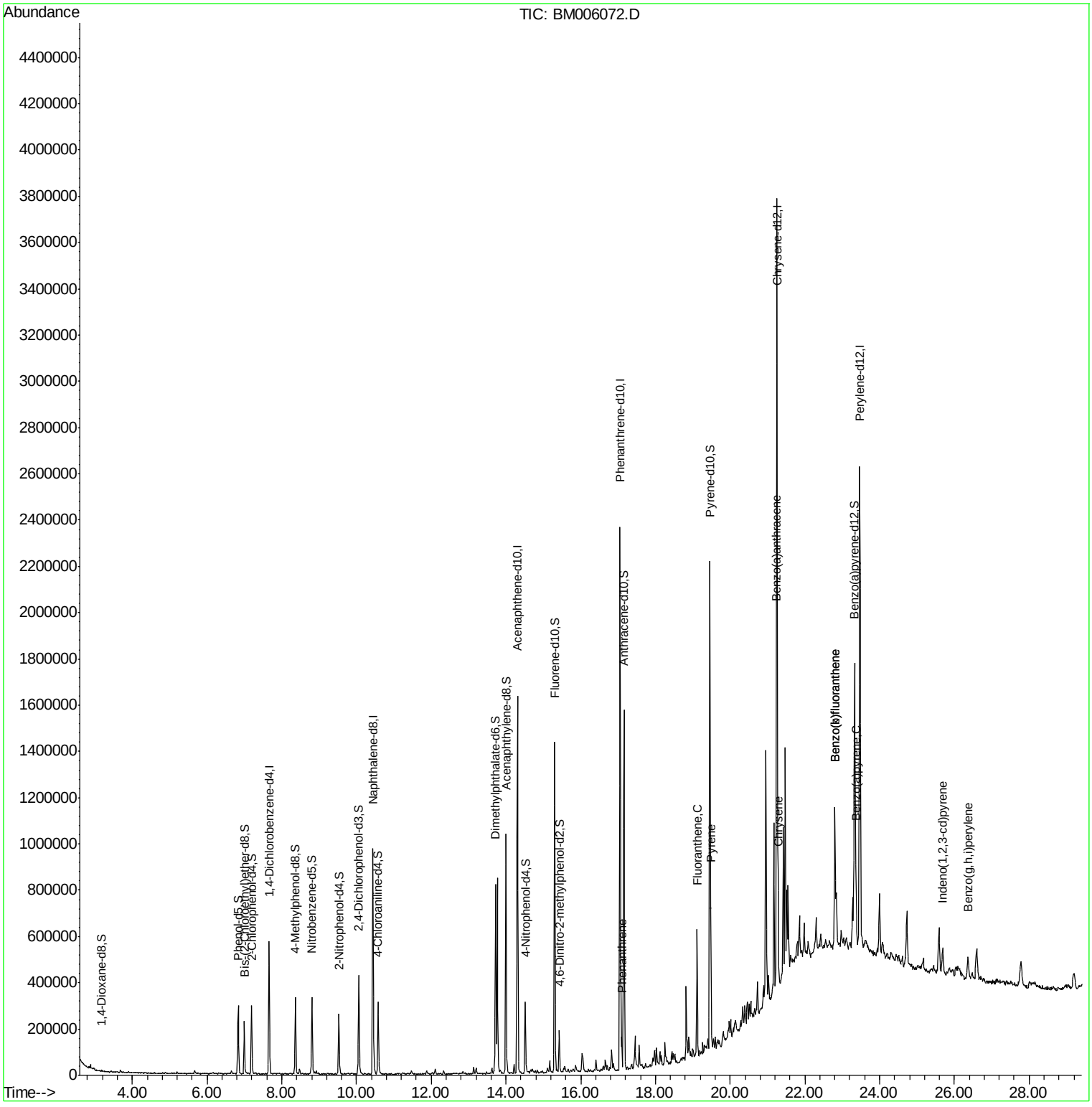
(#) = qualifier out of range (m) = manual integration (+) = signals summed

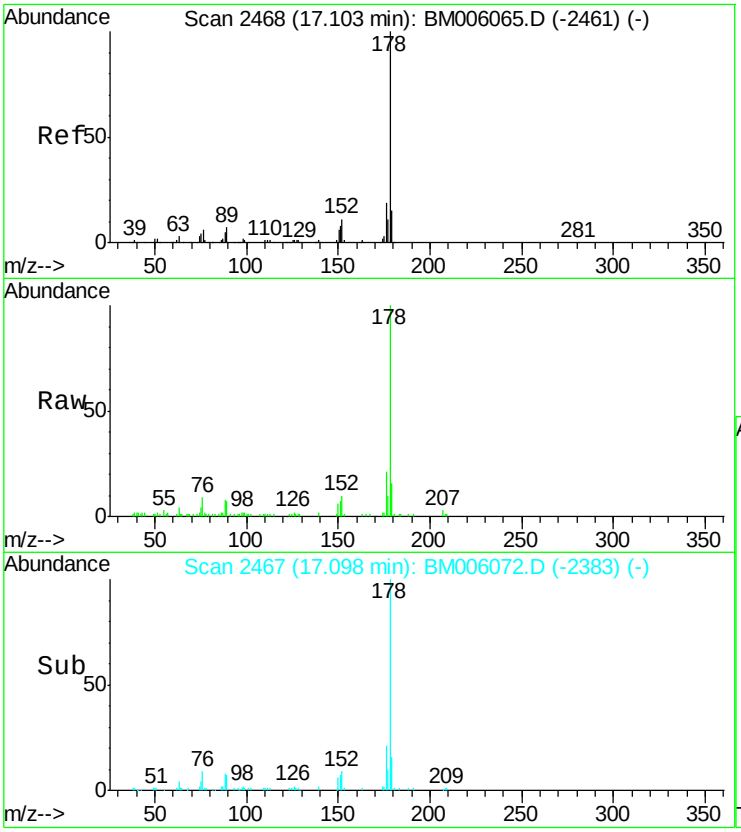
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006072.D
Acq On : 27 Jun 2016 16:33
Operator : UM/SJ
Sample : H3669-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Y56

Quant Time: Jun 28 02:12:52 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



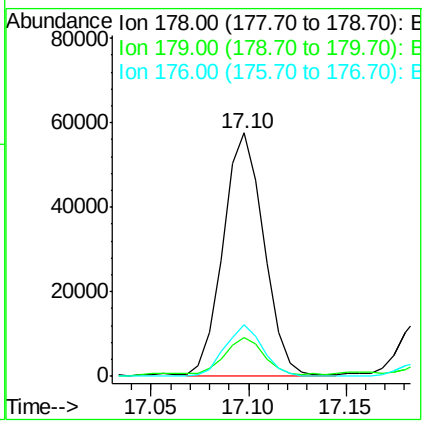


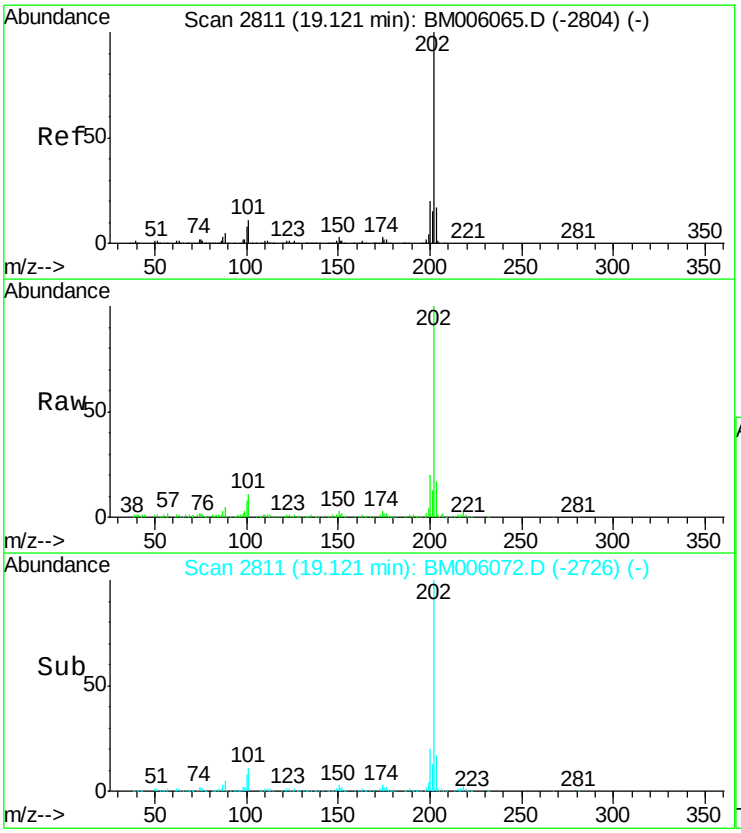
#25
Phenanthrene
Concen: 1.12 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BM006072.D
Acq: 27 Jun 2016 16:33

Instrument :
BNA_M
ClientSampleId :
D9Y56

Tgt Ion:178 Resp: 83707

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.2
176	21.2	15.3	22.9

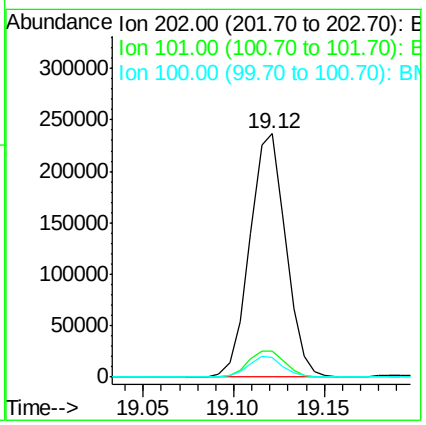


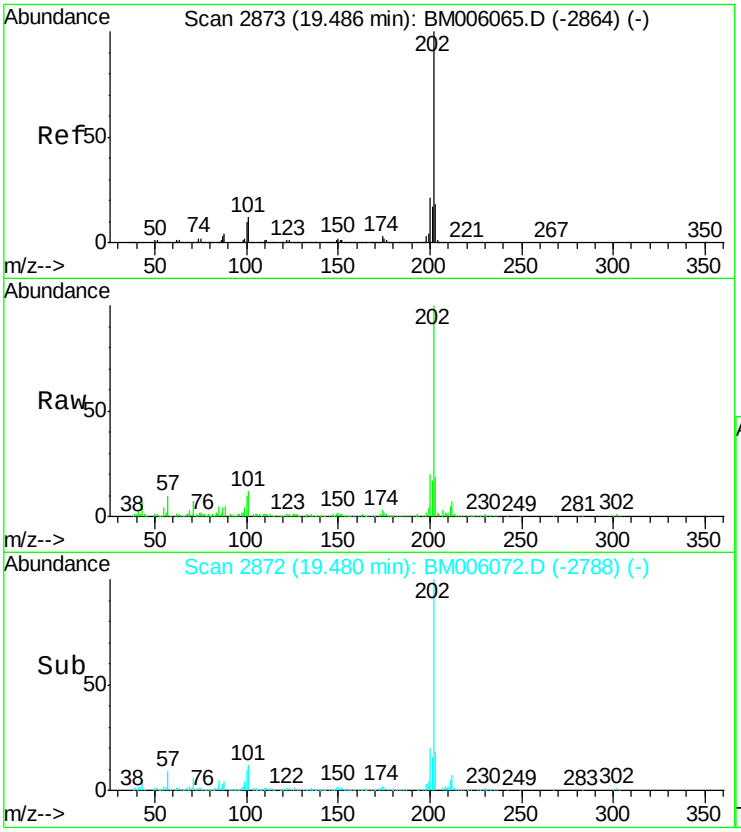


#28
Fluoranthene
Concen: 3.40 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BM006072.D
Acq: 27 Jun 2016 16:33

Tgt Ion:202 Resp: 324889

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.5	12.7
100	8.3	6.5	9.7



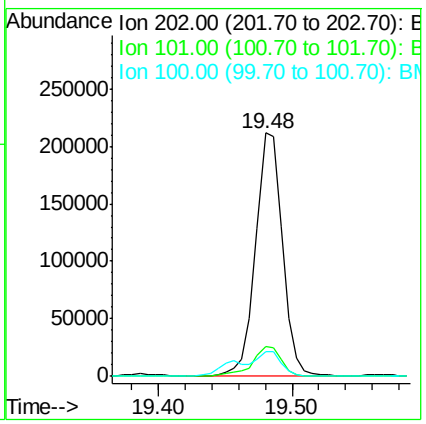


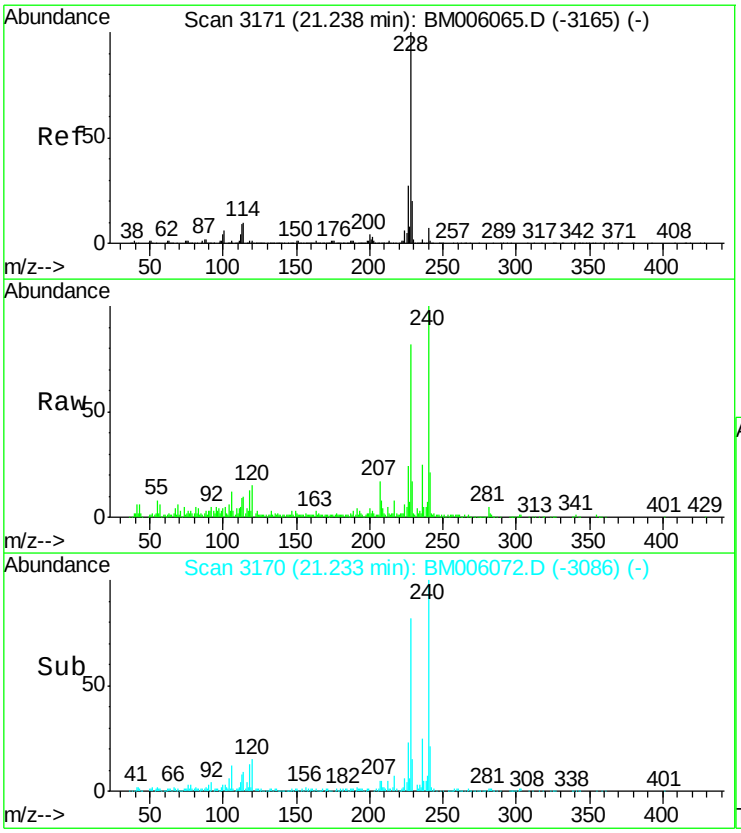
#31
Pyrene
Concen: 3.15 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BM006072.D
Acq: 27 Jun 2016 16:33

Instrument :
BNA_M
ClientSampleId :
D9Y56

Tgt Ion:202 Resp: 291681

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.0	16.4
100	10.4	8.9	13.3

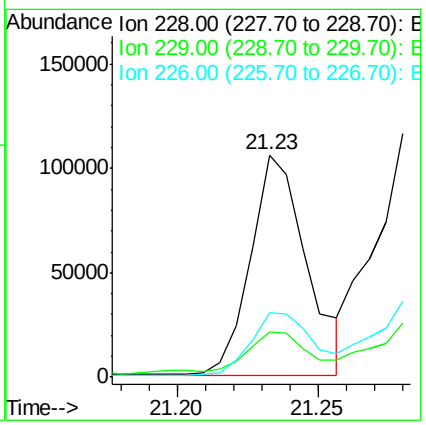


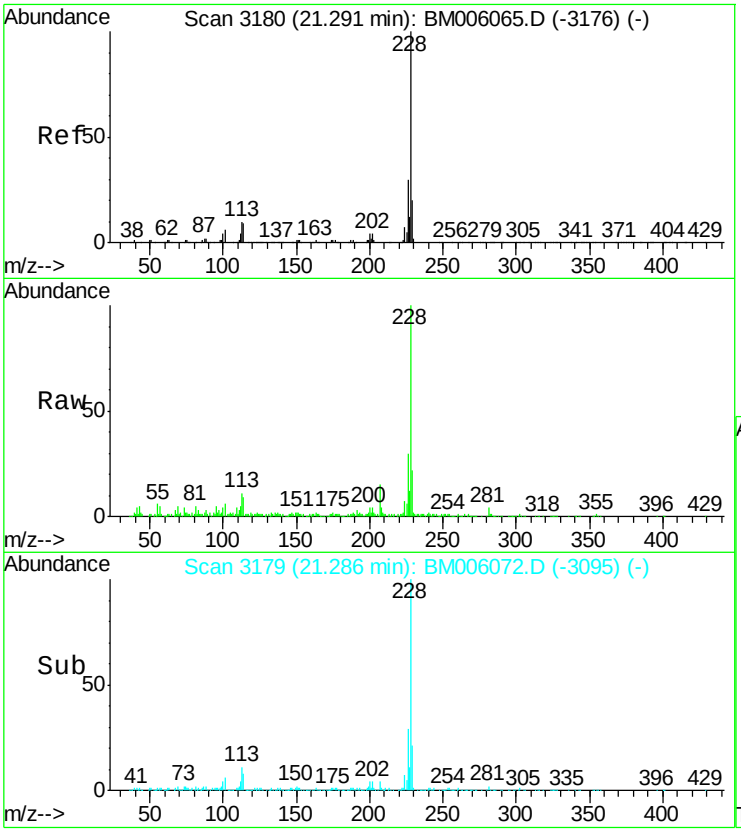


#32
Benzo(a)anthracene
Concen: 1.52 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BM006072.D
Acq: 27 Jun 2016 16:33

Tgt Ion:228 Resp: 146108

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	29.2	21.6	32.4



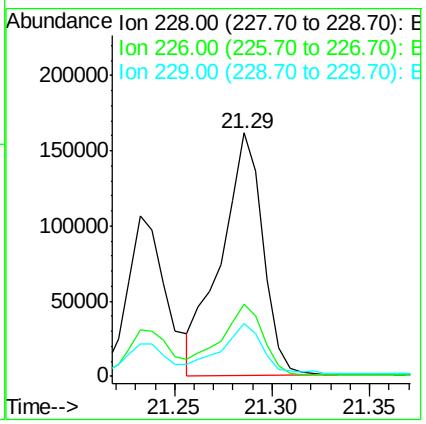


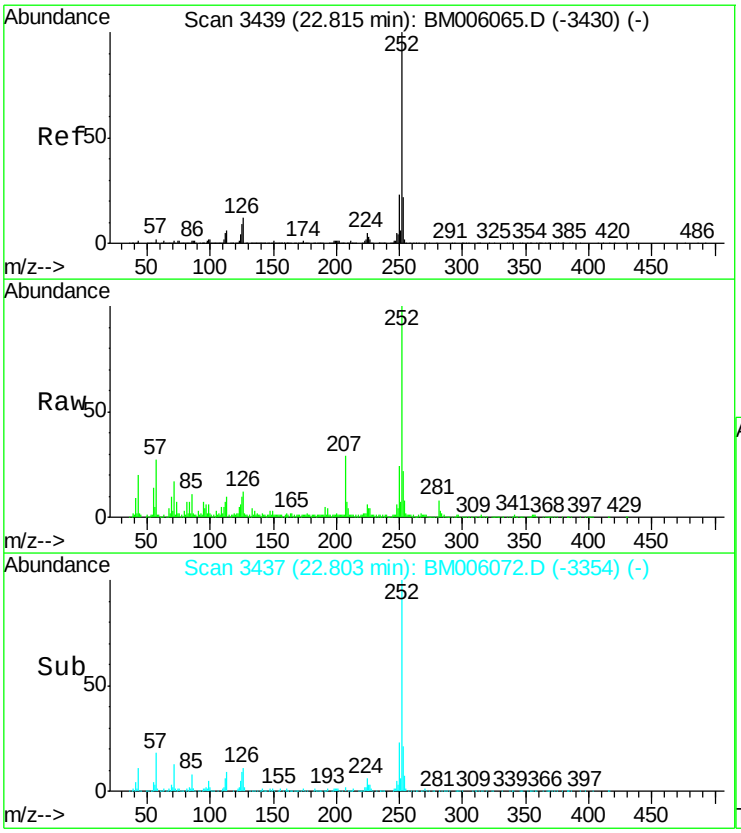
#33
Chrysene
Concen: 2.72 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BM006072.D
Acq: 27 Jun 2016 16:33

Instrument :
BNA_M
ClientSampleId :
D9Y56

Tgt Ion:228 Resp: 239061

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	21.9	15.8	23.6

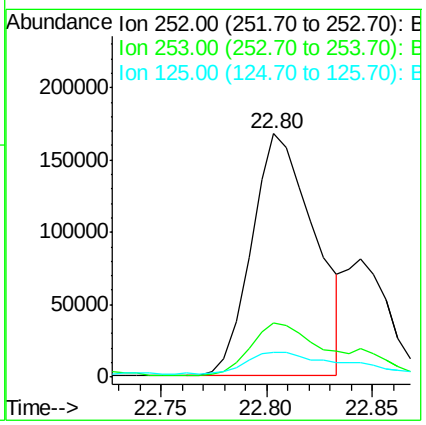


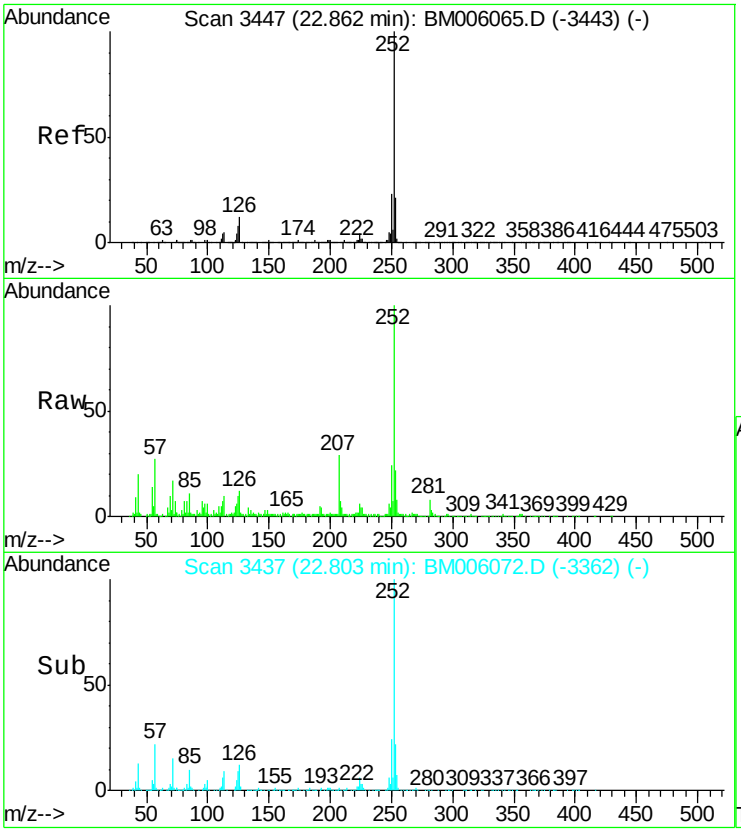


#35
Benzo(b)fluoranthene
Concen: 3.87 ng/ul
RT: 22.80 min Scan# 3437
Delta R.T. -0.01 min
Lab File: BM006072.D
Acq: 27 Jun 2016 16:33

Tgt Ion:252 Resp: 347540

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.4	7.8	11.6



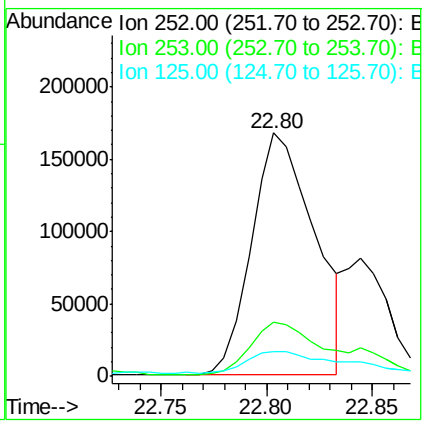


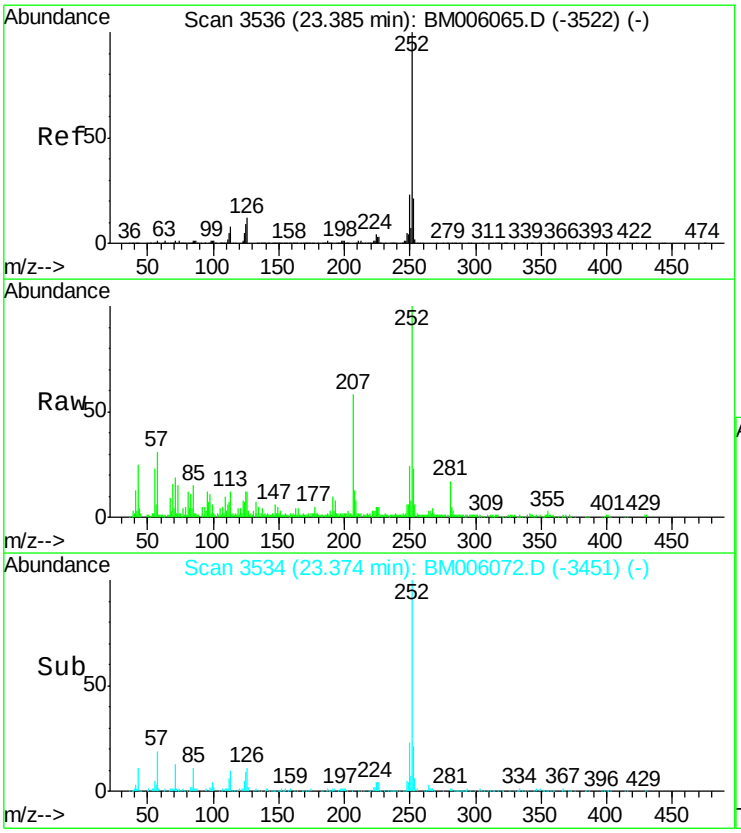
#36
Benzo(k)fluoranthene
Concen: 4.16 ng/ul
RT: 22.80 min Scan# 3437
Delta R.T. -0.06 min
Lab File: BM006072.D
Acq: 27 Jun 2016 16:33

Instrument :
BNA_M
ClientSampleId :
D9Y56

Tgt Ion:252 Resp: 347540

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.4	8.1	12.1

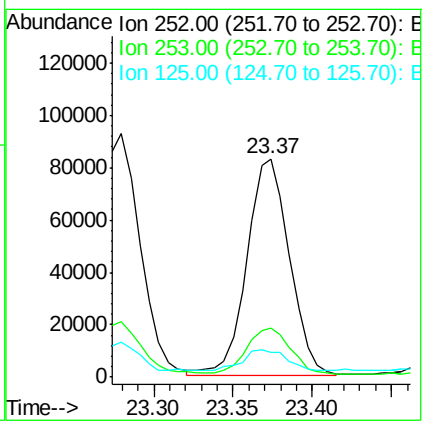


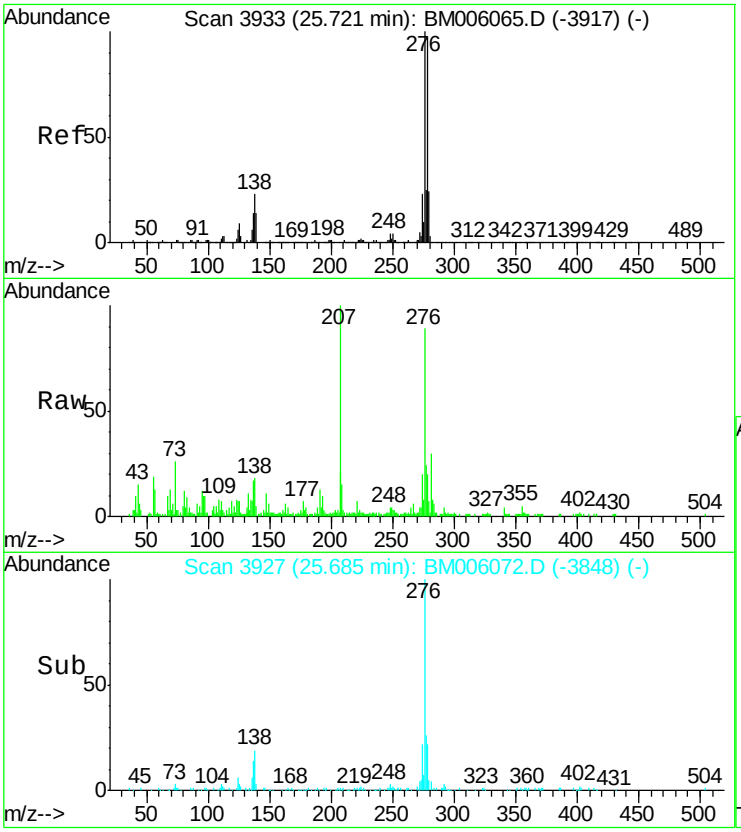


#38
Benzo(a)pyrene
Concen: 1.79 ng/ul
RT: 23.37 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BM006072.D
Acq: 27 Jun 2016 16:33

Tgt Ion:252 Resp: 153863

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.6	8.7	13.1



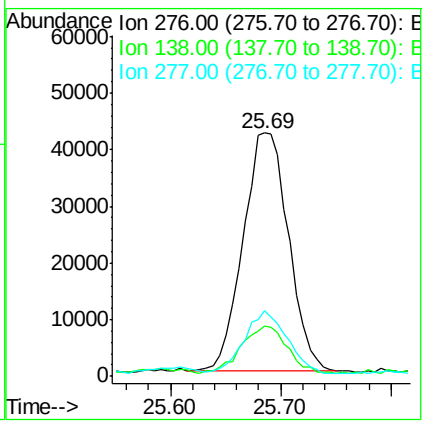


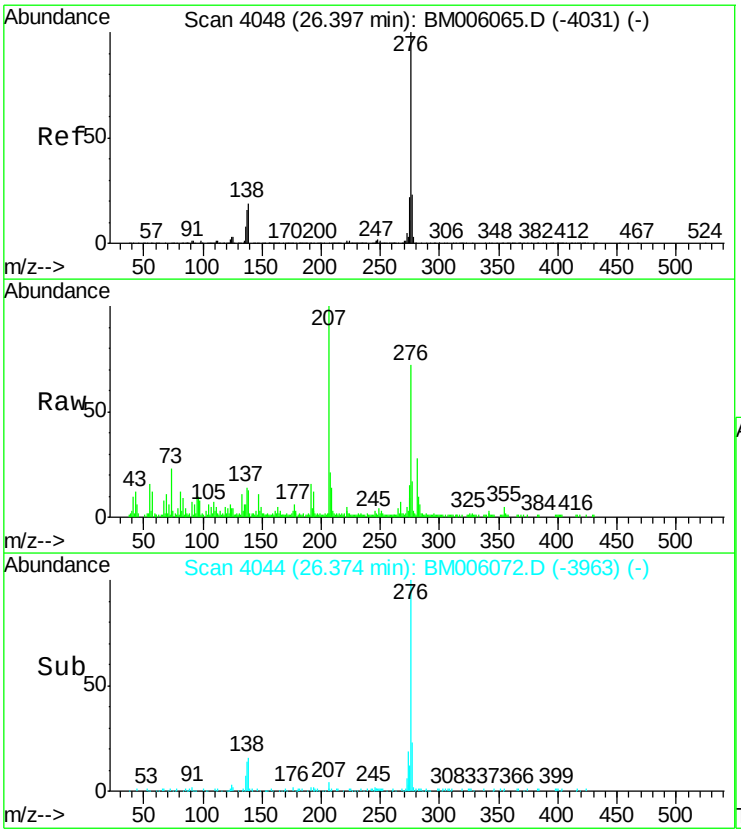
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.19 ng/ul
RT: 25.69 min Scan# 3927
Delta R.T. -0.04 min
Lab File: BM006072.D
Acq: 27 Jun 2016 16:33

Instrument :
BNA_M
ClientSampleId :
D9Y56

Tgt Ion:276 Resp: 121768

Ion	Ratio	Lower	Upper
276	100		
138	20.4	20.4	30.6
277	26.9	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 1.26 ng/ul
RT: 26.37 min Scan# 4044
Delta R.T. -0.02 min
Lab File: BM006072.D
Acq: 27 Jun 2016 16:33

Tgt Ion:276 Resp: 112160

Ion	Ratio	Lower	Upper
276	100		
138	17.6	16.6	25.0
277	24.0	18.9	28.3