Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006067.D
Acq On : 27 Jun 2016 12:21
Operator : UM/SJ
Sample : H3669-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y55

Quant Time: Jun 28 02:11:59 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	274748	20.00	ng/ul	0.00
7) Naphthalene-d8	10.45	136	1296921	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	786405	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1857999	20.00	ng/ul	0.00
29) Chrysene-d12	21.26	240	1632000	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1478711	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	11927	1.94	ng/uL	0.00
3) Phenol-d5	6.83	99	474444	16.41	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	295505	18.38	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	372167	18.49	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	342196	14.03	ng/ul	0.00
8) Nitrobenzene-d5	8.82	128	194730	19.72	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	210234	19.14	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	389839	18.50	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	353108	15.44	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1224457	18.19	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1599740	20.49	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	160065	11.15	ng/ul	-0.01
21) Fluorene-d10	15.30	176	1125227	19.57	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	112999	10.96	ng/ul	-0.01
26) Anthracene-d10	17.16	188	1738100	20.37	ng/ul	0.00
30) Pyrene-d10	19.46	212	1817751	25.43	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	1280951	19.19	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.10	178	261515	2.62	ng/ul	99
28) Fluoranthene	19.12	202	726573	5.68	ng/ul	98
31) Pyrene	19.49	202	623924	6.68	ng/ul	97
32) Benzo(a)anthracene	21.24	228	343947	3.55	ng/ul	96
33) Chrysene	21.29	228	397231	4.49	ng/ul	97
35) Benzo(b)fluoranthene	22.81	252	468526	5.45	ng/ul	96
36) Benzo(k)fluoranthene	22.81	252	468526	5.86	ng/ul	97
38) Benzo(a)pyrene	23.38	252	264214	3.21	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.69	276	172859	1.76	ng/ul	97
41) Benzo(g,h,i)perylene	26.37	276	155025	1.83	ng/ul	96

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

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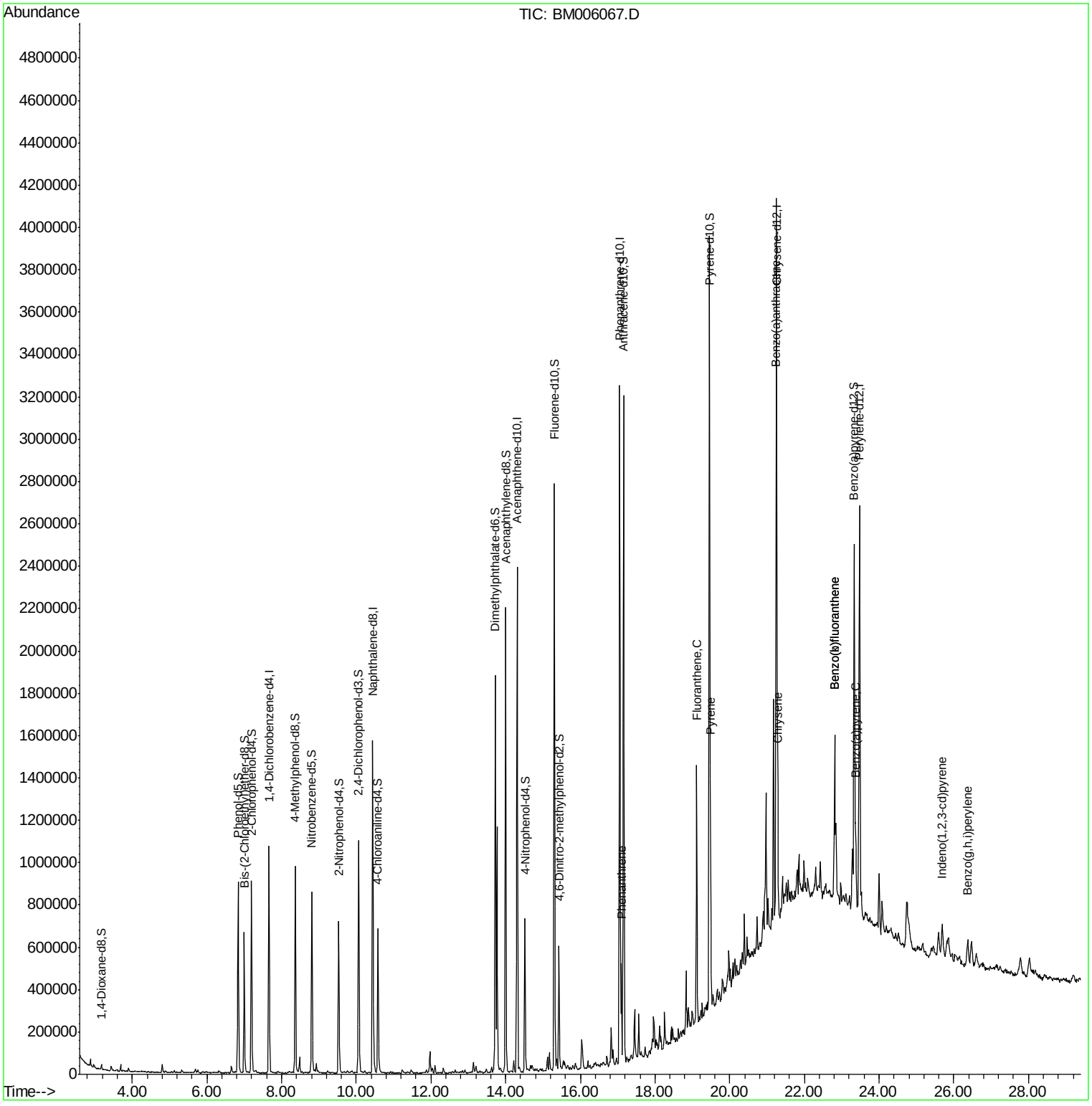
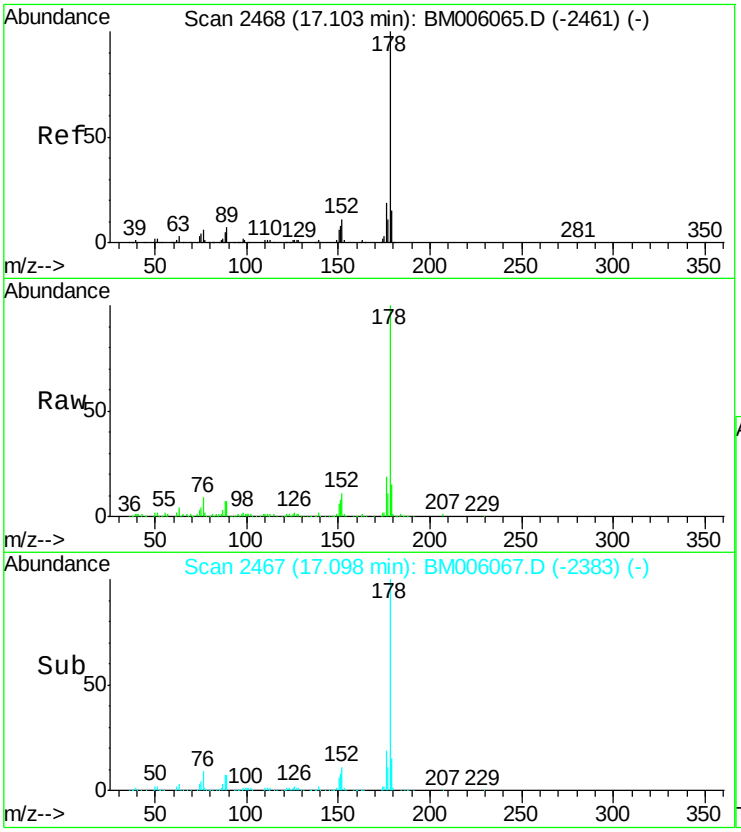


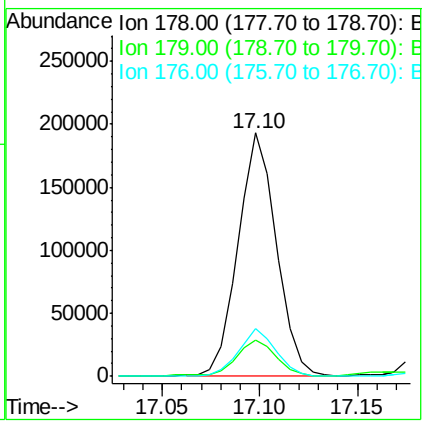


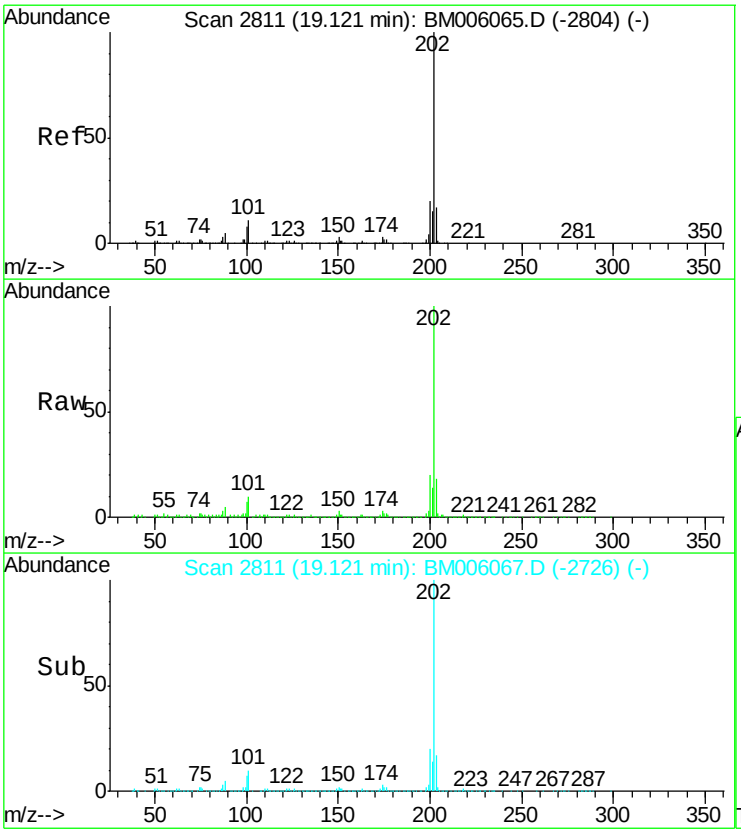
#25
Phenanthrene
Concen: 2.62 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BM006067.D
Acq: 27 Jun 2016 12:21

Instrument :
BNA_M
ClientSampleId :
D9Y55

Tgt Ion:178 Resp: 261515

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	19.4	15.3	22.9

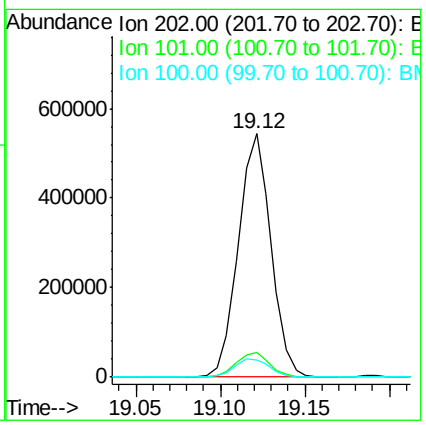


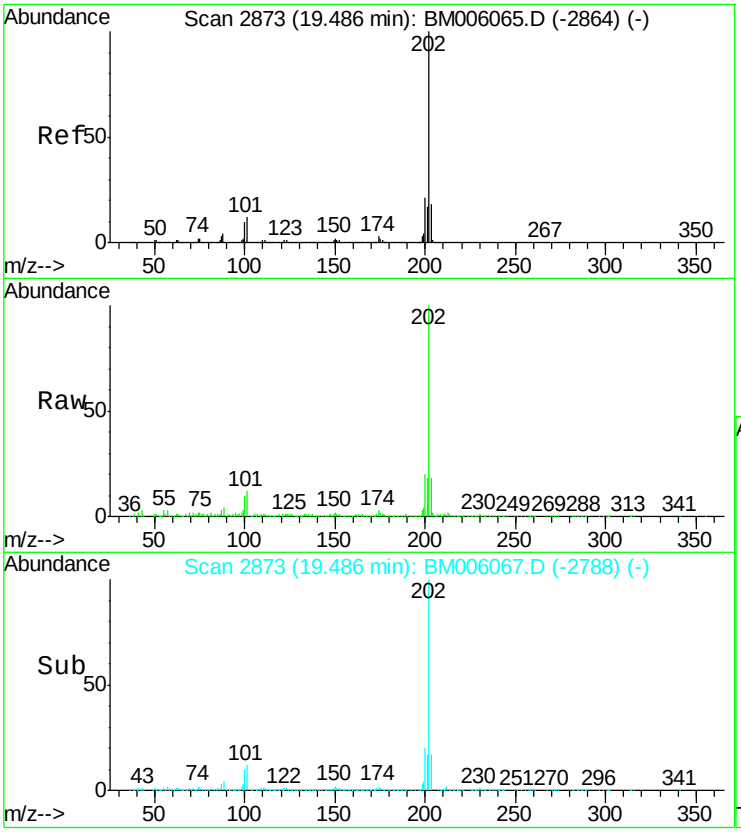


#28
Fluoranthene
Concen: 5.68 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BM006067.D
Acq: 27 Jun 2016 12:21

Tgt Ion:202 Resp: 726573

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.5	12.7
100	7.2	6.5	9.7



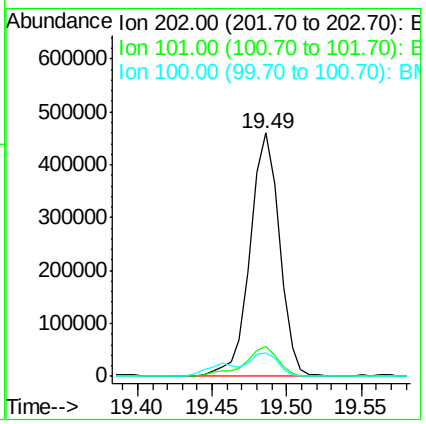


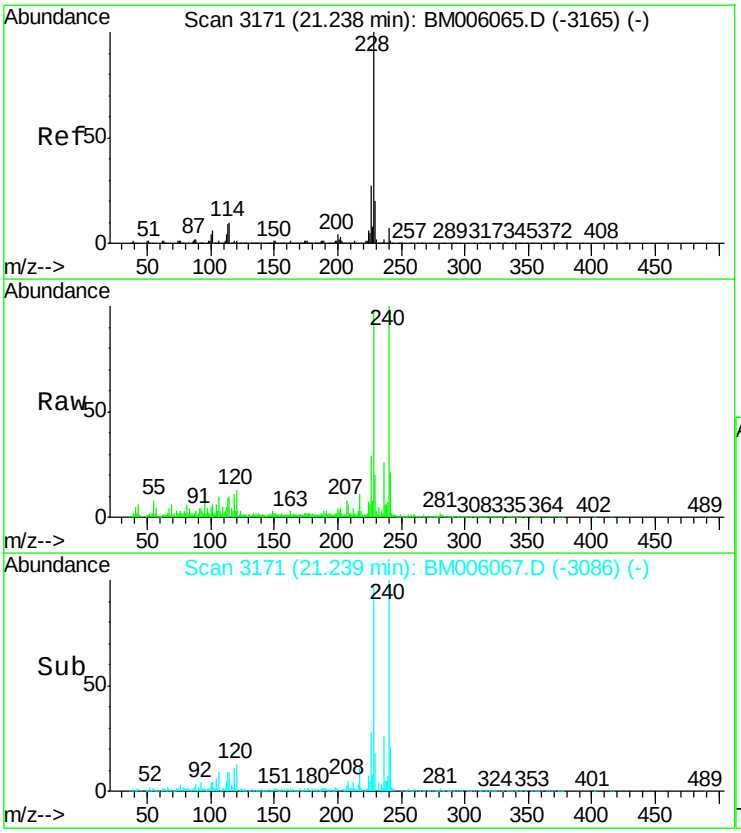
#31
Pyrene
Concen: 6.68 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BM006067.D
Acq: 27 Jun 2016 12:21

Instrument :
BNA_M
ClientSampleId :
D9Y55

Tgt Ion:202 Resp: 623924

Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.0	16.4
100	9.9	8.9	13.3

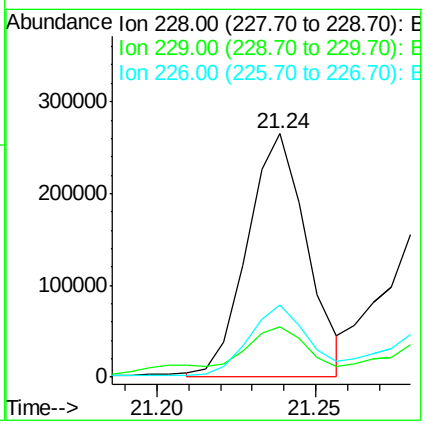


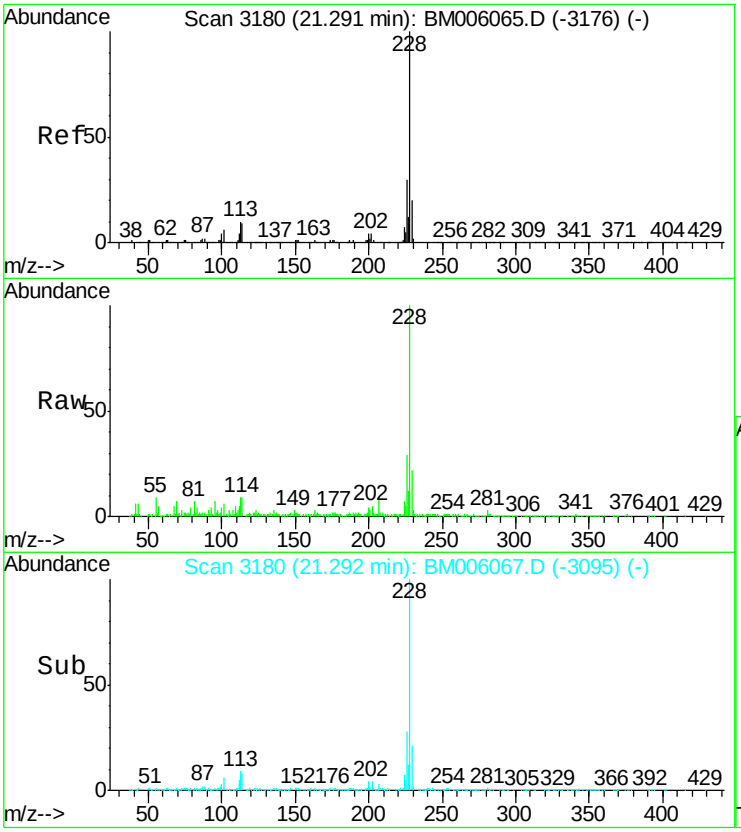


#32
Benzo(a)anthracene
Concen: 3.55 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BM006067.D
Acq: 27 Jun 2016 12:21

Tgt Ion:228 Resp: 343947

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	29.6	21.6	32.4



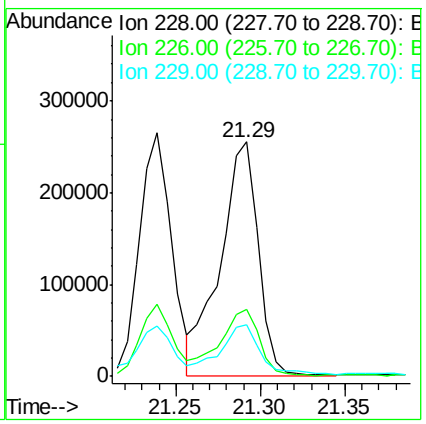


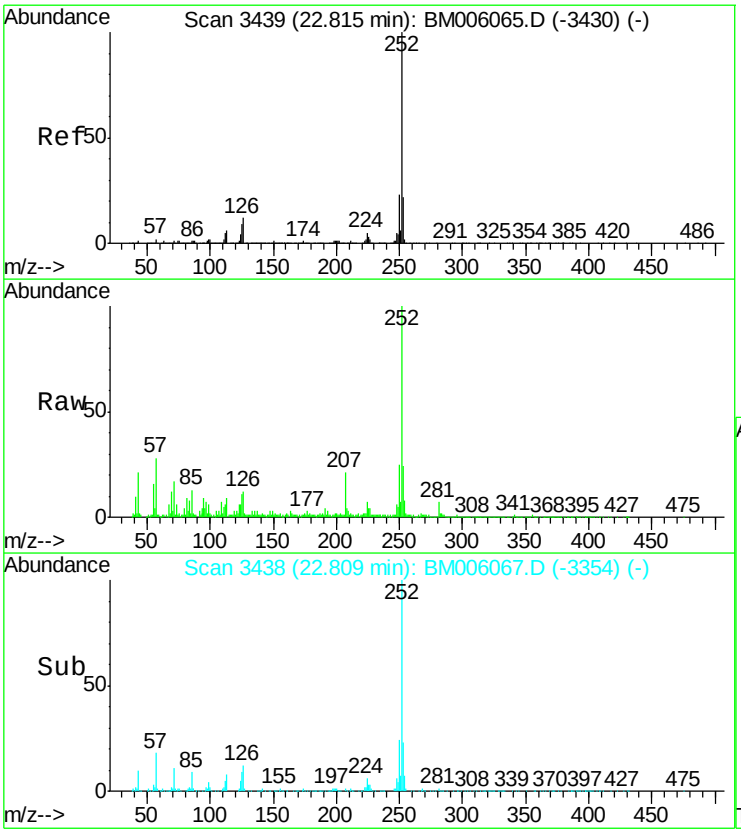
#33
Chrysene
Concen: 4.49 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BM006067.D
Acq: 27 Jun 2016 12:21

Instrument :
BNA_M
ClientSampleId :
D9Y55

Tgt Ion:228 Resp: 397231

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.8	35.6
229	22.1	15.8	23.6

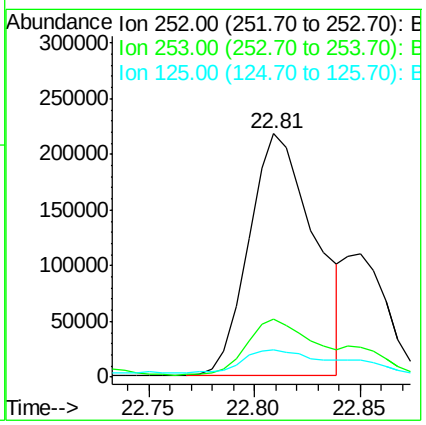


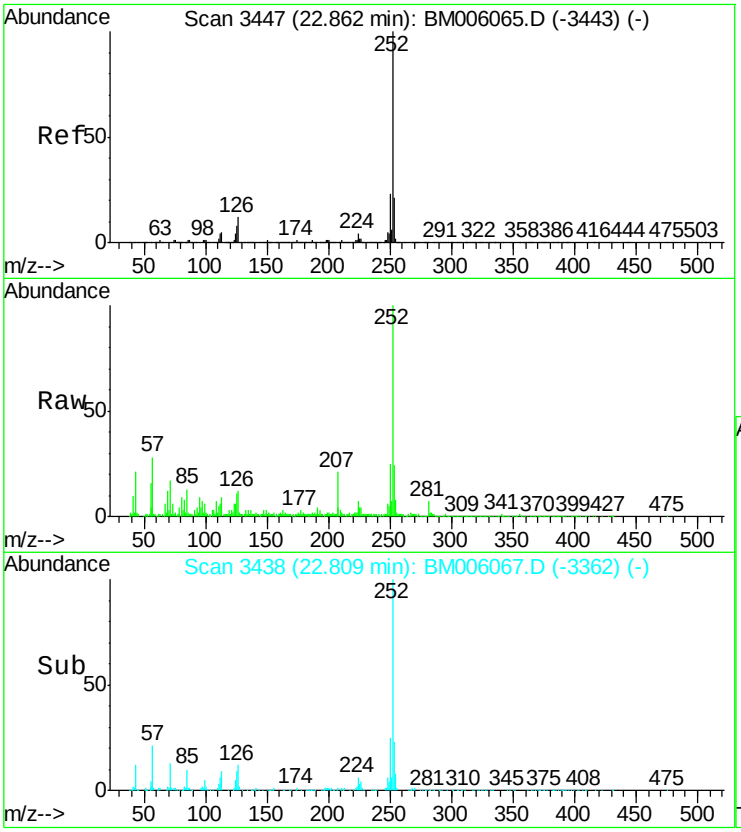


#35
Benzo(b)fluoranthene
Concen: 5.45 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BM006067.D
Acq: 27 Jun 2016 12:21

Tgt Ion:252 Resp: 468526

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	11.1	7.8	11.6



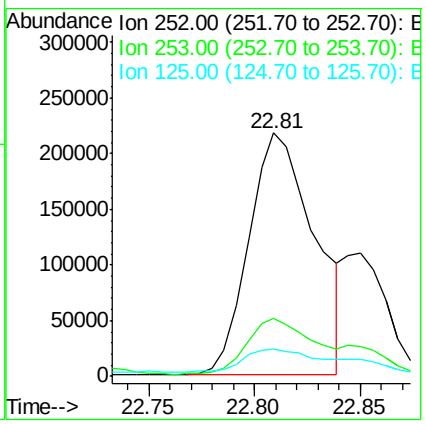


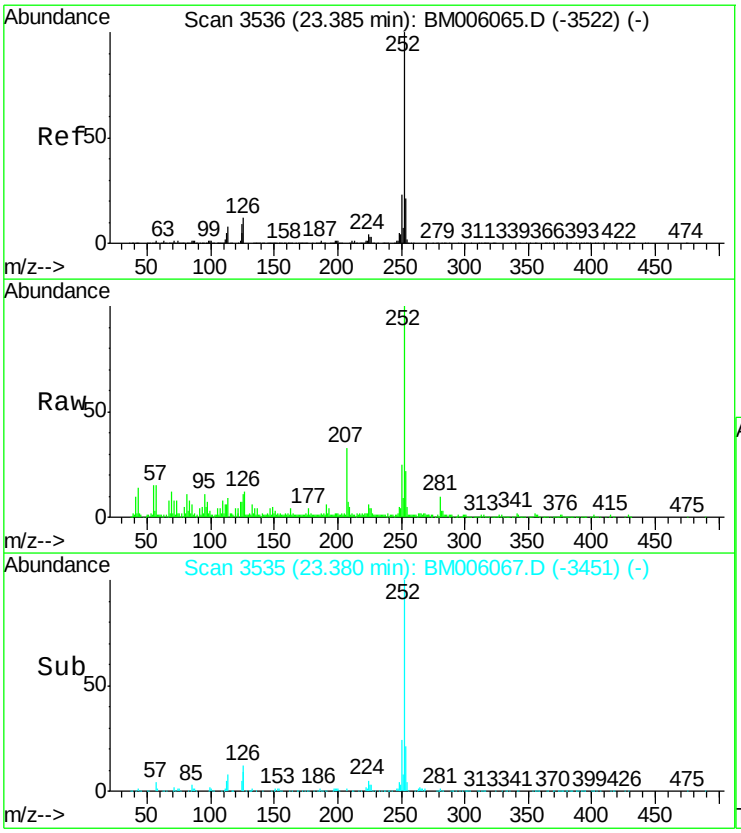
#36
Benzo(k)fluoranthene
Concen: 5.86 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.05 min
Lab File: BM006067.D
Acq: 27 Jun 2016 12:21

Instrument :
BNA_M
ClientSampleId :
D9Y55

Tgt Ion:252 Resp: 468526

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	11.1	8.1	12.1

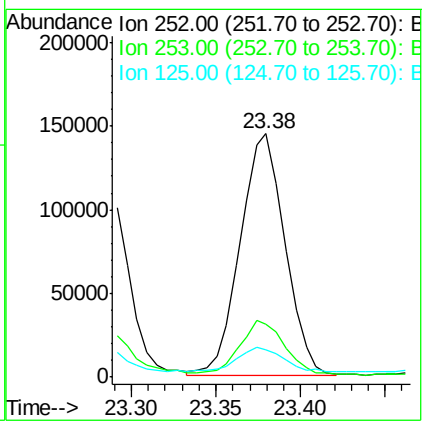


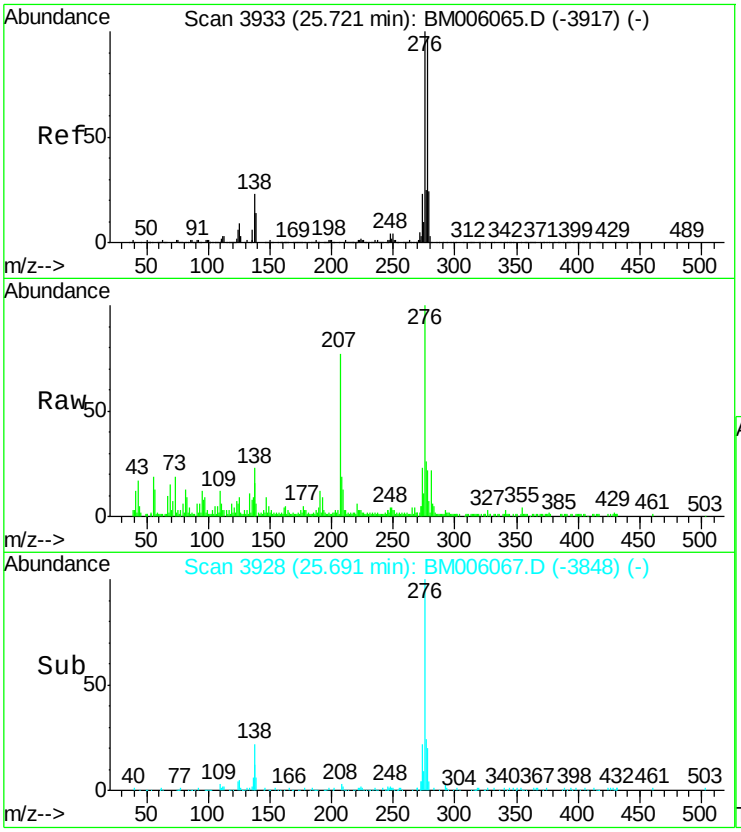


#38
Benzo(a)pyrene
Concen: 3.21 ng/ul
RT: 23.38 min Scan# 3535
Delta R.T. -0.01 min
Lab File: BM006067.D
Acq: 27 Jun 2016 12:21

Tgt Ion:252 Resp: 264214

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	11.2	8.7	13.1



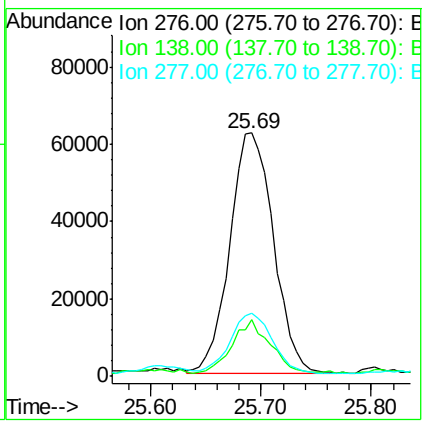


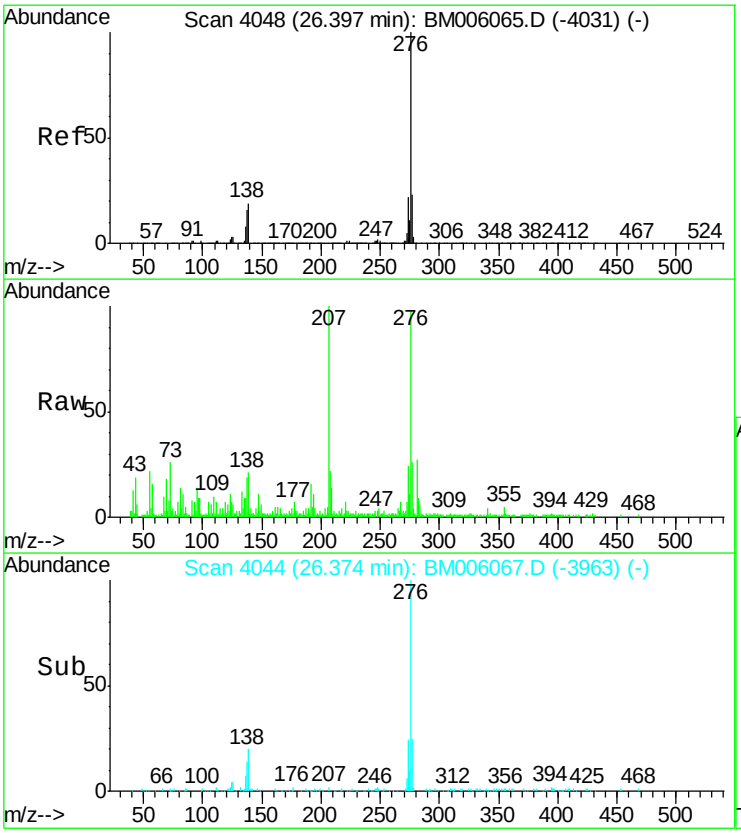
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.76 ng/ul
RT: 25.69 min Scan# 3928
Delta R.T. -0.03 min
Lab File: BM006067.D
Acq: 27 Jun 2016 12:21

Instrument :
BNA_M
ClientSampleId :
D9Y55

Tgt Ion:276 Resp: 172859

Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.4	30.6
277	25.9	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 1.83 ng/ul
RT: 26.37 min Scan# 4044
Delta R.T. -0.02 min
Lab File: BM006067.D
Acq: 27 Jun 2016 12:21

Tgt Ion:276 Resp: 155025

Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.6	25.0
277	26.2	18.9	28.3