Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006039.D
Acq On : 26 Jun 2016 14:24
Operator : UM/SJ
Sample : H3669-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y72

Quant Time: Jun 27 05:16:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	259568	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1302609	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	854131	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	2107067	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	2365614	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	2259391	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	4530	0.78	ng/uL	0.00
3) Phenol-d5	6.83	99	257927	9.45	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	160480	10.56	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	196159	10.31	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	180505	7.83	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	104019	10.49	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	112692	10.21	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	225329	10.64	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	180952	7.88	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	794780	10.87	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	982119	11.58	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	104026	6.67	ng/ul	0.00
21) Fluorene-d10	15.30	176	736668	11.80	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	83219	7.11	ng/ul	0.00
26) Anthracene-d10	17.15	188	1176095	12.15	ng/ul	0.00
30) Pyrene-d10	19.45	212	1393681	13.45	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	1235626	12.11	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	204593	1.81	ng/ul	99
28) Fluoranthene	19.12	202	378797	2.61	ng/ul	99
31) Pyrene	19.48	202	321718	2.38	ng/ul	100
32) Benzo(a)anthracene	21.23	228	197281	1.40	ng/ul	94
33) Chrysene	21.29	228	250401	1.95	ng/ul#	95
35) Benzo(b)fluoranthene	22.80	252	357563	2.72	ng/ul#	89
36) Benzo(k)fluoranthene	22.80	252	357563	2.93	ng/ul#	90
38) Benzo(a)pyrene	23.37	252	202923	1.61	ng/ul#	93
39) Indeno(1,2,3-cd)pyrene	25.69	276	151503	1.01	ng/ul	98
41) Benzo(g,h,i)perylene	26.37	276	146480	1.13	ng/ul	94

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

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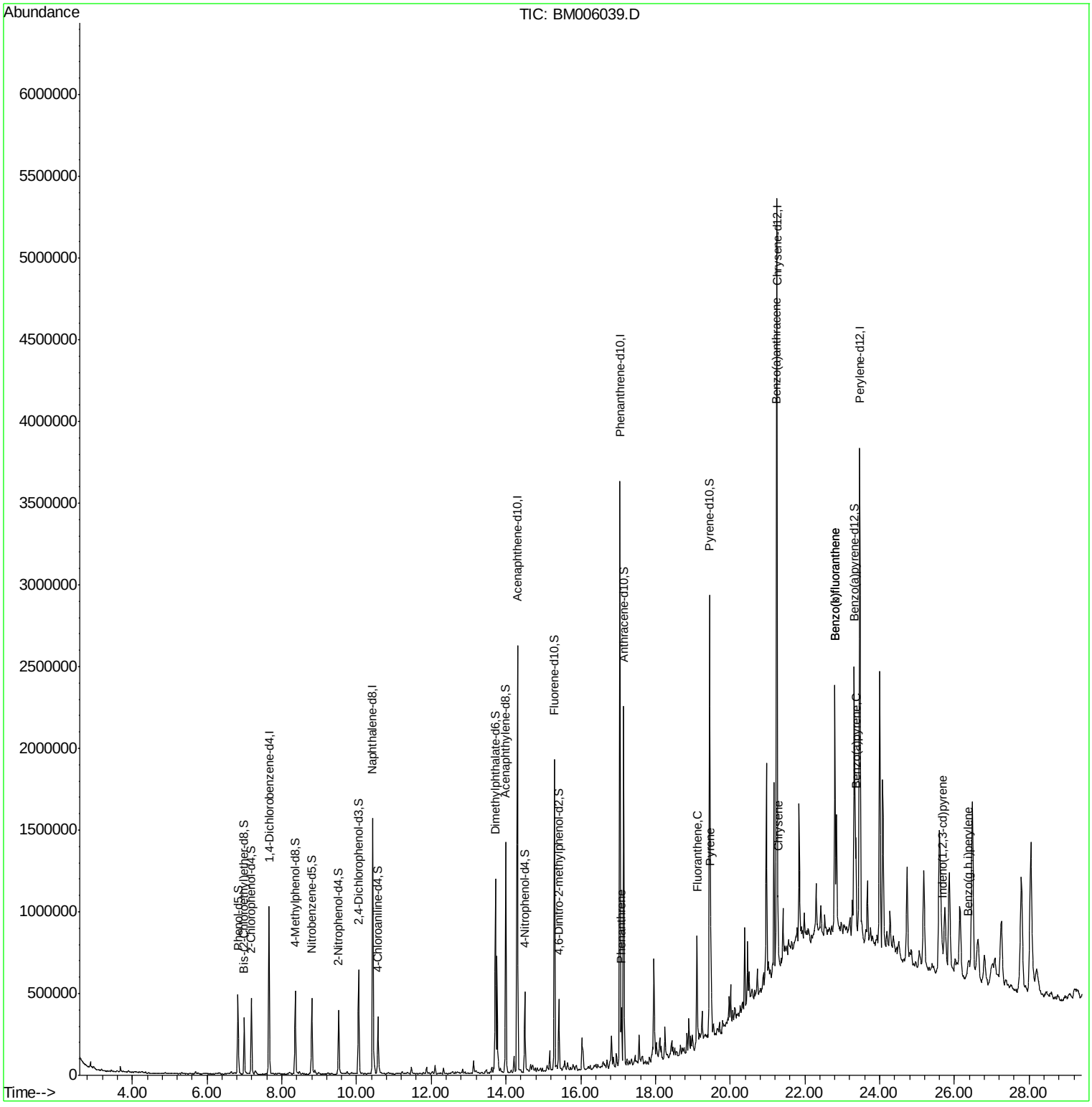
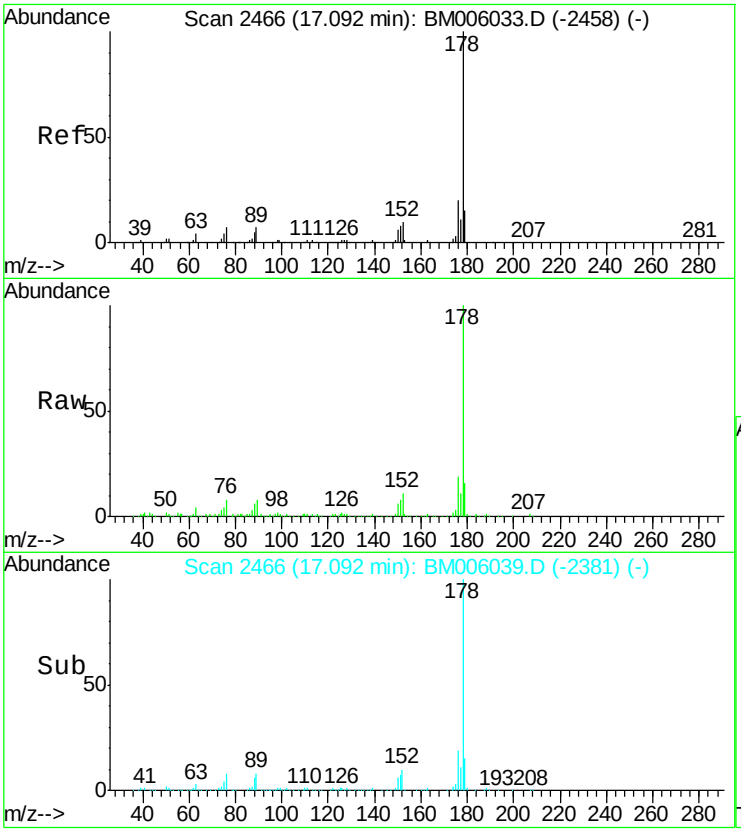


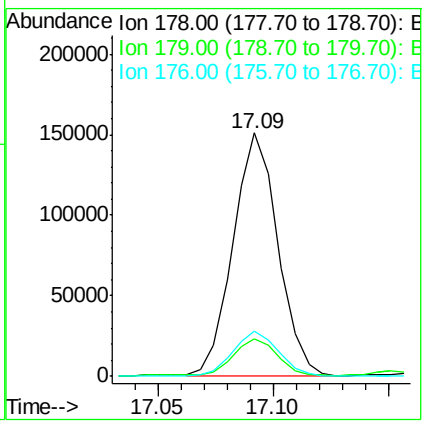


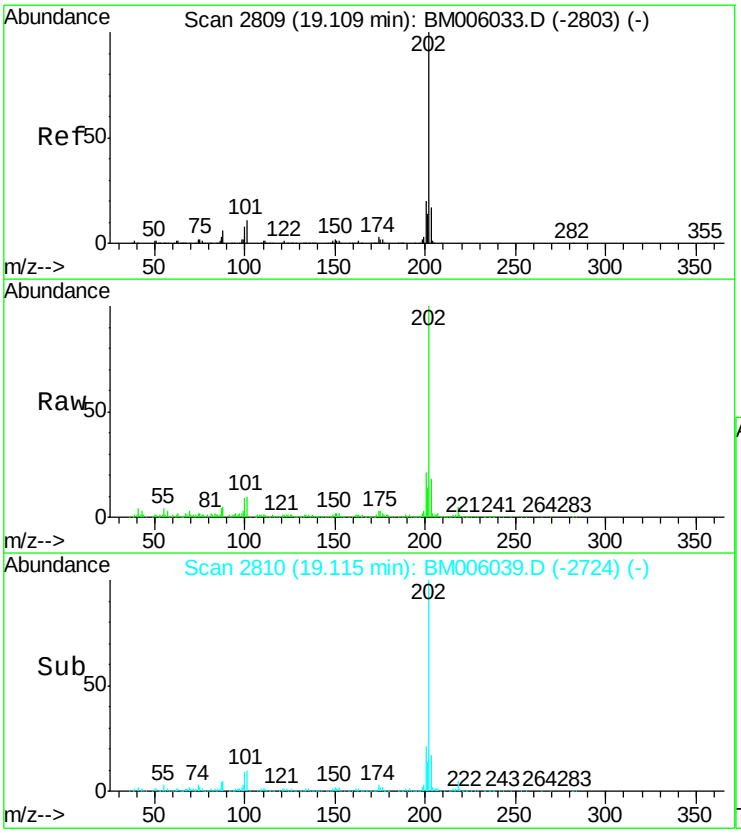
#25
Phenanthrene
Concen: 1.81 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM006039.D
Acq: 26 Jun 2016 14:24

Instrument :
BNA_M
ClientSampleId :
D9Y72

Tgt Ion:178 Resp: 204593

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.5	15.4	23.0

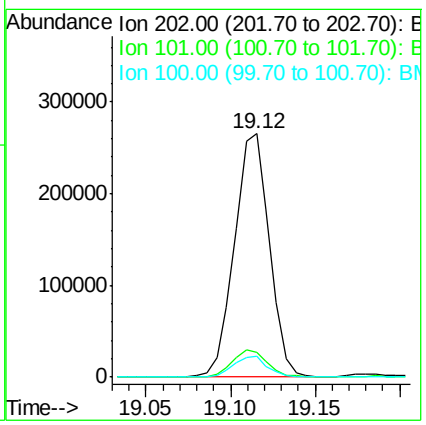


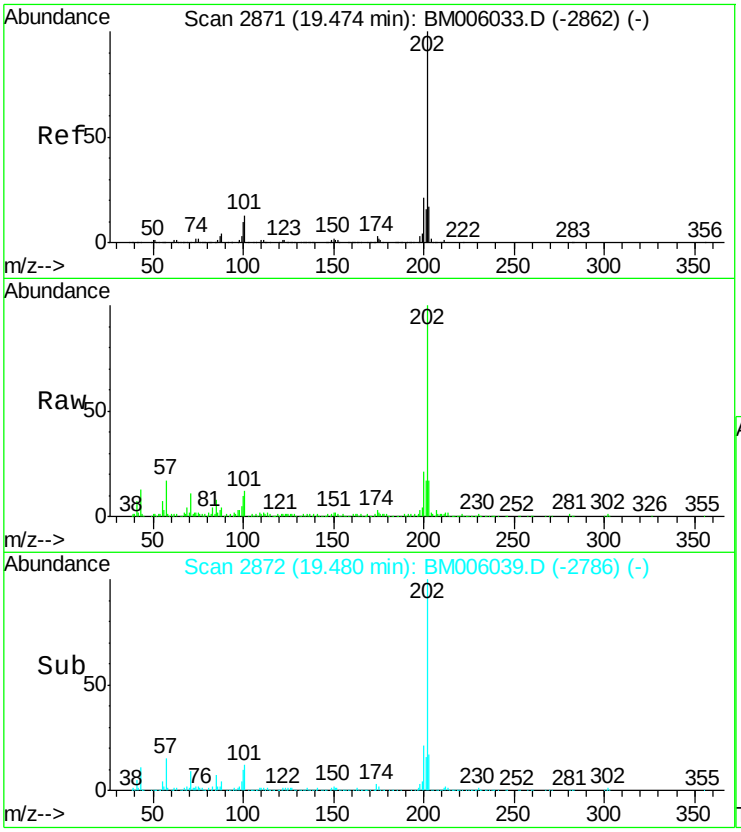


#28
Fluoranthene
Concen: 2.61 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM006039.D
Acq: 26 Jun 2016 14:24

Tgt Ion:202 Resp: 378797

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.2	12.4
100	8.6	6.3	9.5



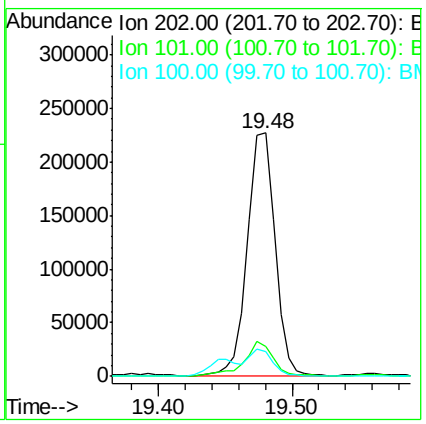


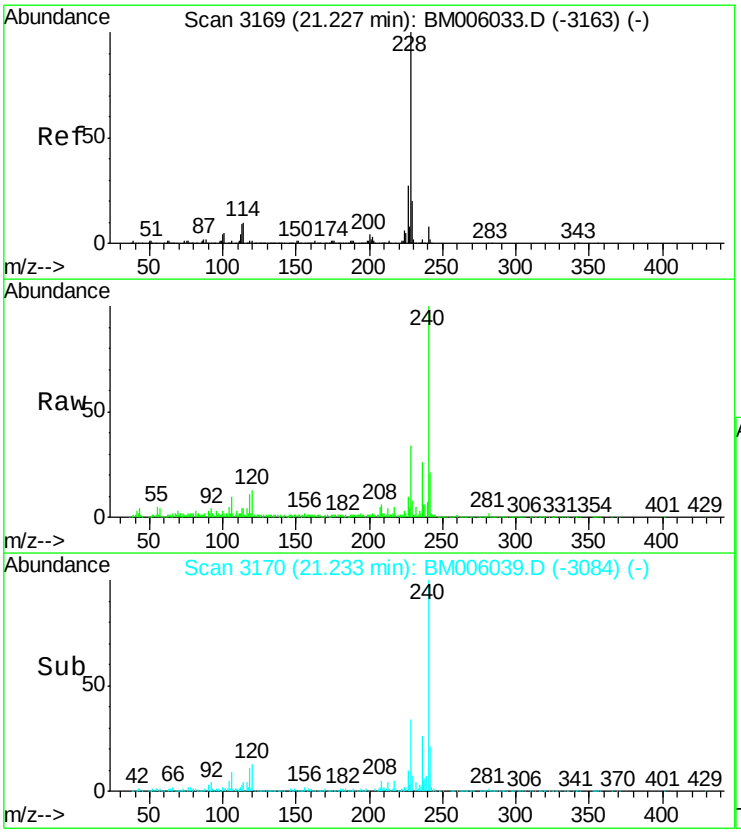
#31
Pyrene
Concen: 2.38 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. 0.01 min
Lab File: BM006039.D
Acq: 26 Jun 2016 14:24

Instrument :
BNA_M
ClientSampleId :
D9Y72

Tgt Ion:202 Resp: 321718

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.6
100	10.0	8.2	12.2

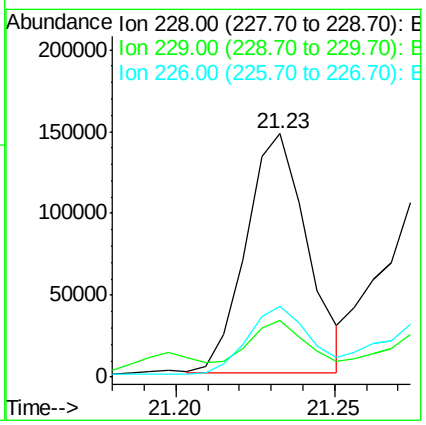


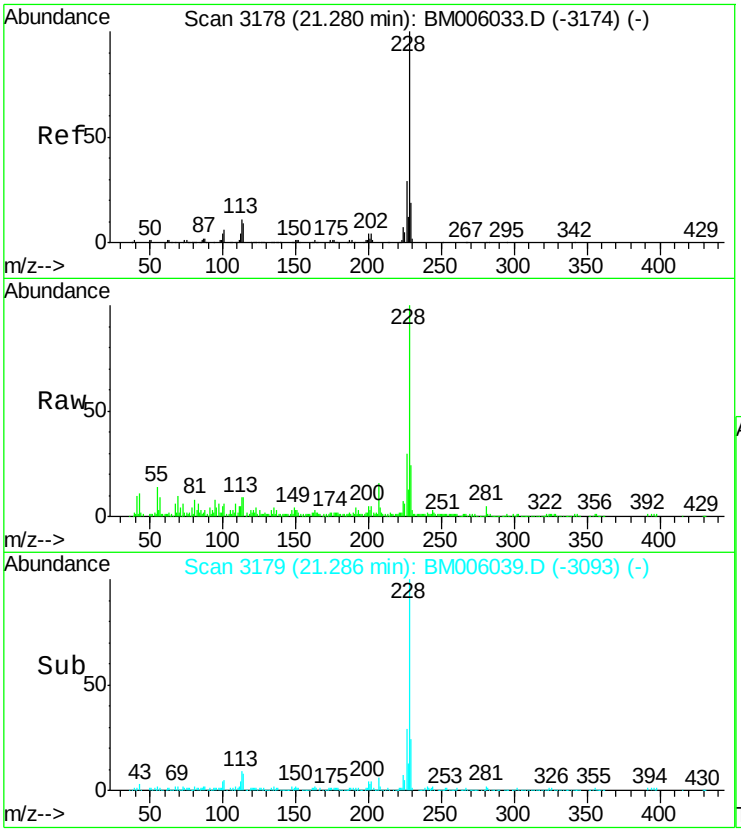


#32
Benzo(a)anthracene
Concen: 1.40 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.01 min
Lab File: BM006039.D
Acq: 26 Jun 2016 14:24

Tgt Ion:228 Resp: 197281

Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.8	23.6
226	29.3	21.5	32.3



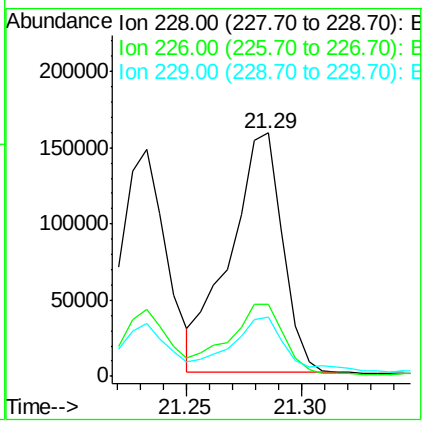


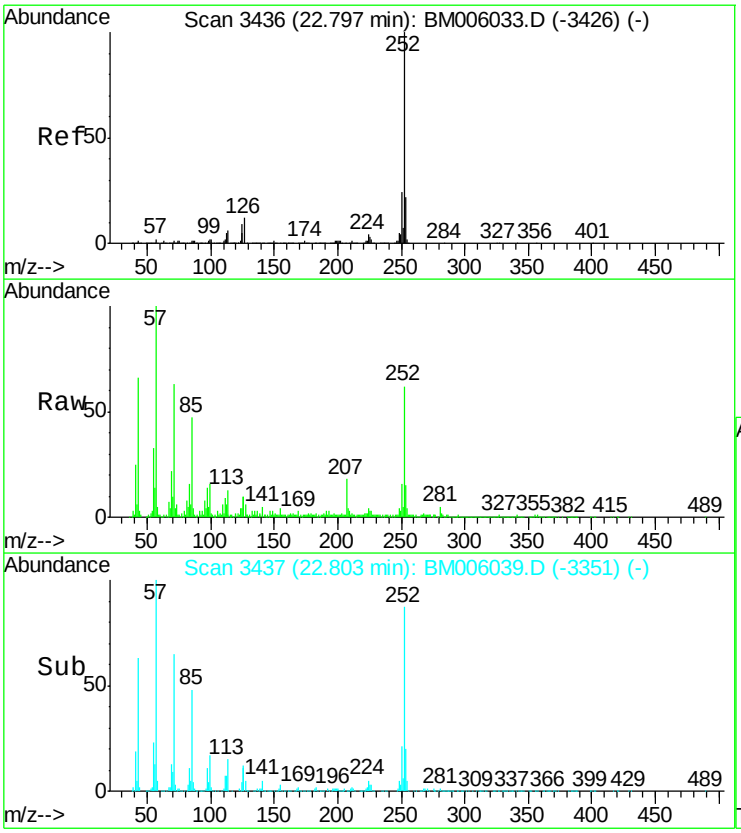
#33
Chrysene
Concen: 1.95 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.01 min
Lab File: BM006039.D
Acq: 26 Jun 2016 14:24

Instrument :
BNA_M
ClientSampleId :
D9Y72

Tgt Ion:228 Resp: 250401

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	24.3	15.4	23.2#

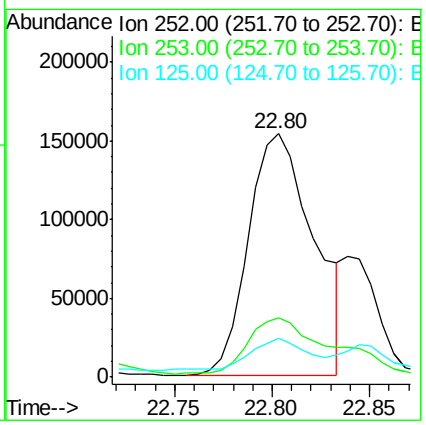


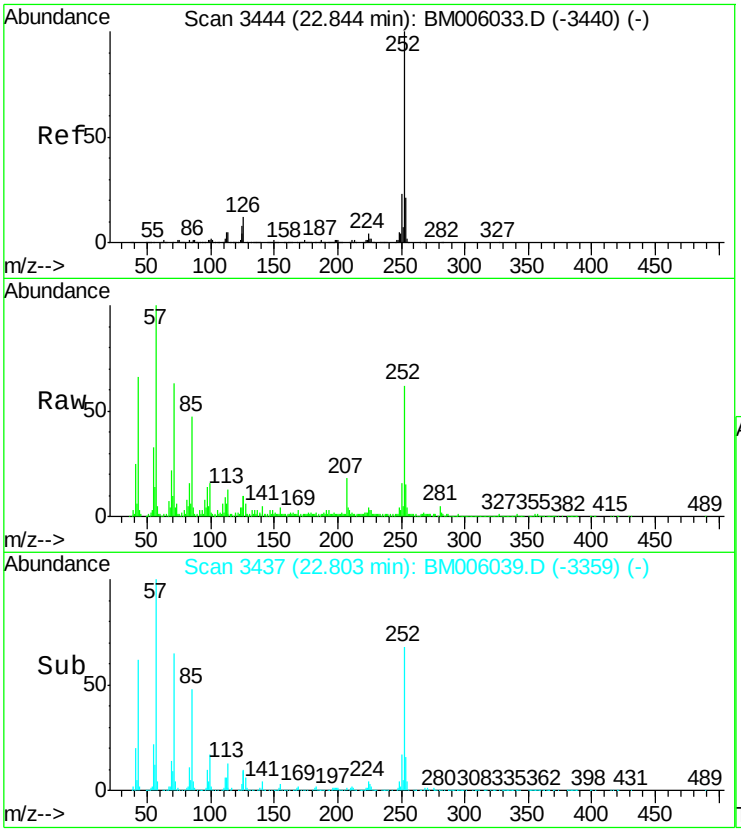


#35
Benzo(b)fluoranthene
Concen: 2.72 ng/ul
RT: 22.80 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BM006039.D
Acq: 26 Jun 2016 14:24

Tgt Ion:252 Resp: 357563

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	16.1	6.8	10.2#



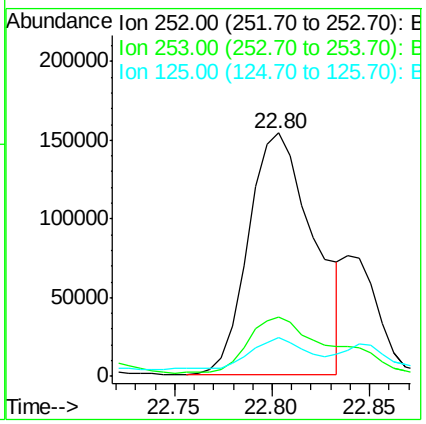


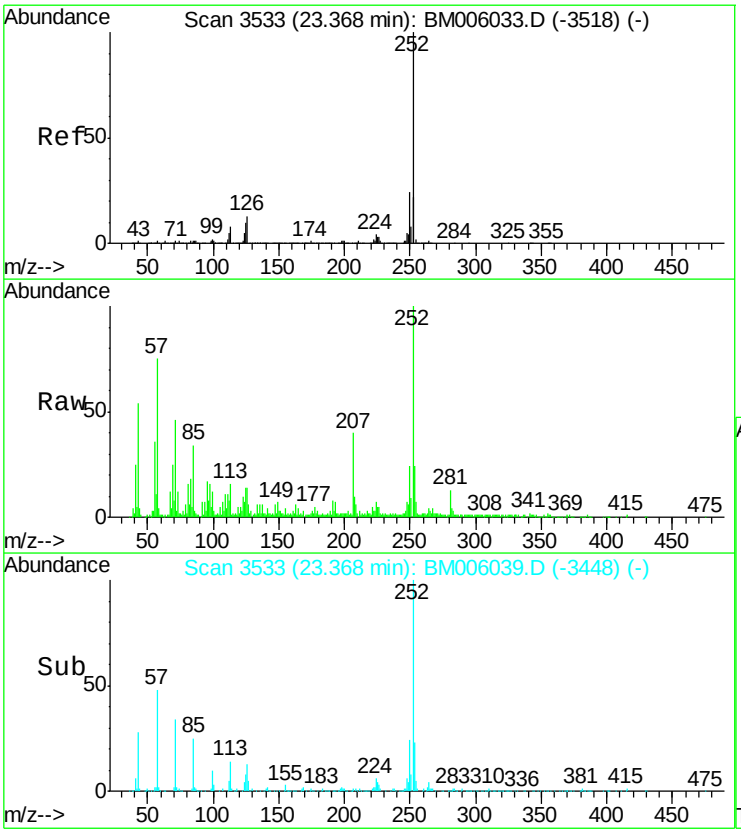
#36
Benzo(k)fluoranthene
Concen: 2.93 ng/ul
RT: 22.80 min Scan# 3437
Delta R.T. -0.04 min
Lab File: BM006039.D
Acq: 26 Jun 2016 14:24

Instrument :
BNA_M
ClientSampleId :
D9Y72

Tgt Ion:252 Resp: 357563

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.3	25.9
125	16.1	7.0	10.4#

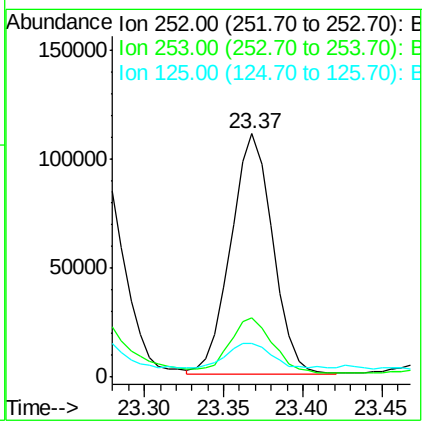


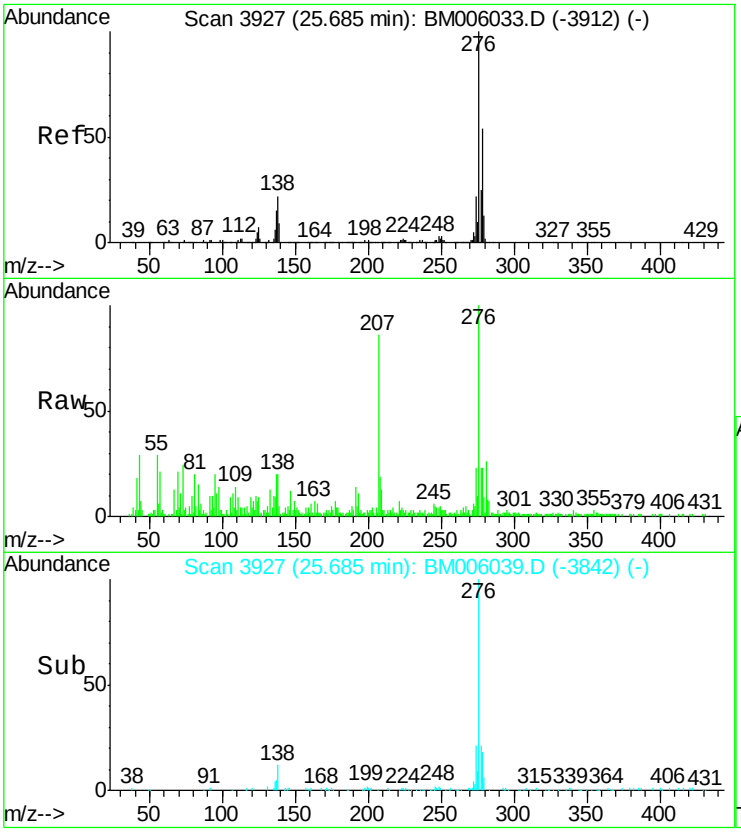


#38
Benzo(a)pyrene
Concen: 1.61 ng/ul
RT: 23.37 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BM006039.D
Acq: 26 Jun 2016 14:24

Tgt Ion:252 Resp: 202923

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	13.7	7.8	11.6#



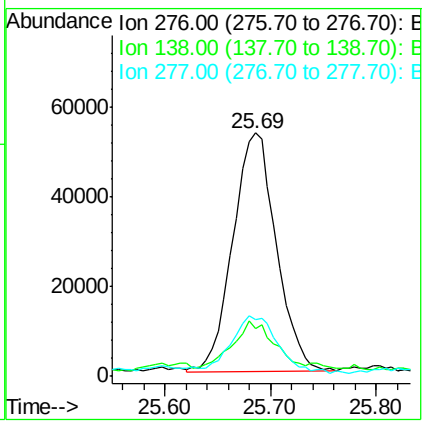


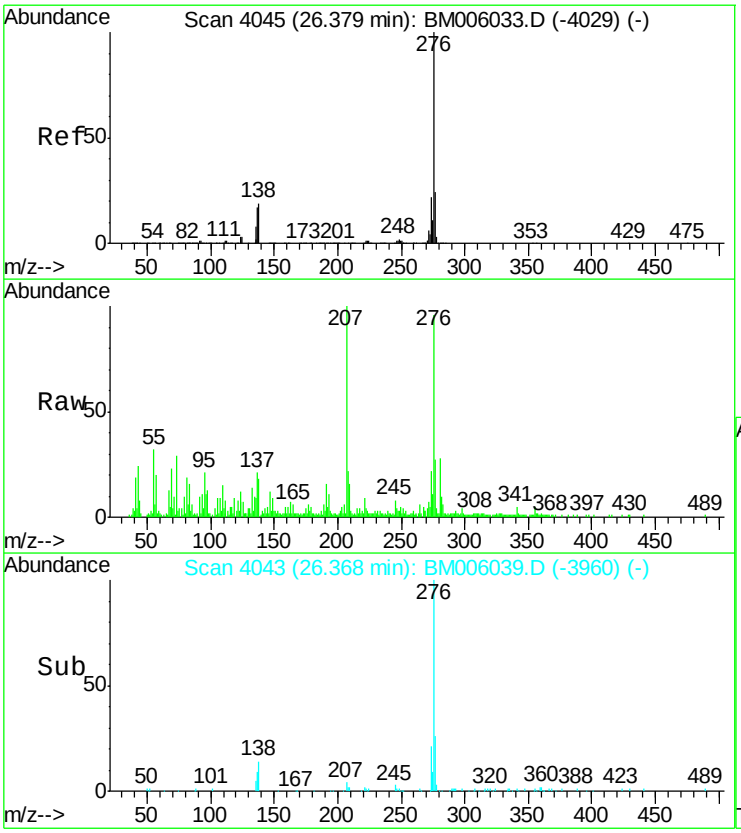
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.01 ng/ul
RT: 25.69 min Scan# 3927
Delta R.T. 0.00 min
Lab File: BM006039.D
Acq: 26 Jun 2016 14:24

Instrument :
BNA_M
ClientSampleId :
D9Y72

Tgt Ion:276 Resp: 151503

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.6	25.0
277	23.1	19.6	29.4





#41
Benzo(g,h,i)perylene
Concen: 1.13 ng/ul
RT: 26.37 min Scan# 4043
Delta R.T. -0.01 min
Lab File: BM006039.D
Acq: 26 Jun 2016 14:24

Tgt Ion:276 Resp: 146480

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.9	23.9
277	28.1	19.2	28.8