Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006040.D
Acq On : 26 Jun 2016 15:00
Operator : UM/SJ
Sample : H3669-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y73

Quant Time: Jun 27 05:16:29 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	184635	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	915466	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	608180	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1582200	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1999881	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	2030108	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	4605	1.11	ng/uL	0.00
3) Phenol-d5	6.83	99	193922	9.98	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	121661	11.26	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	147661	10.92	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	135563	8.27	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	79115	11.35	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	85943	11.08	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	168833	11.35	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	178540	11.06	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	608784	11.69	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	767872	12.72	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	101413	9.13	ng/ul	0.00
21) Fluorene-d10	15.30	176	586295	13.19	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	69152	7.87	ng/ul	0.00
26) Anthracene-d10	17.15	188	977863	13.46	ng/ul	0.00
30) Pyrene-d10	19.45	212	1229375	14.03	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	1243564	13.57	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	91923	1.08	ng/ul	100
28) Fluoranthene	19.12	202	221348	2.03	ng/ul	99
31) Pyrene	19.47	202	192451	1.68	ng/ul	96
32) Benzo(a)anthracene	21.23	228	136904	1.15	ng/ul	95
33) Chrysene	21.28	228	162797	1.50	ng/ul	95
35) Benzo(b)fluoranthene	22.80	252	242431	2.06	ng/ul#	93
36) Benzo(k)fluoranthene	22.80	252	242431	2.21	ng/ul#	93
38) Benzo(a)pyrene	23.37	252	148804	1.32	ng/ul#	95

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

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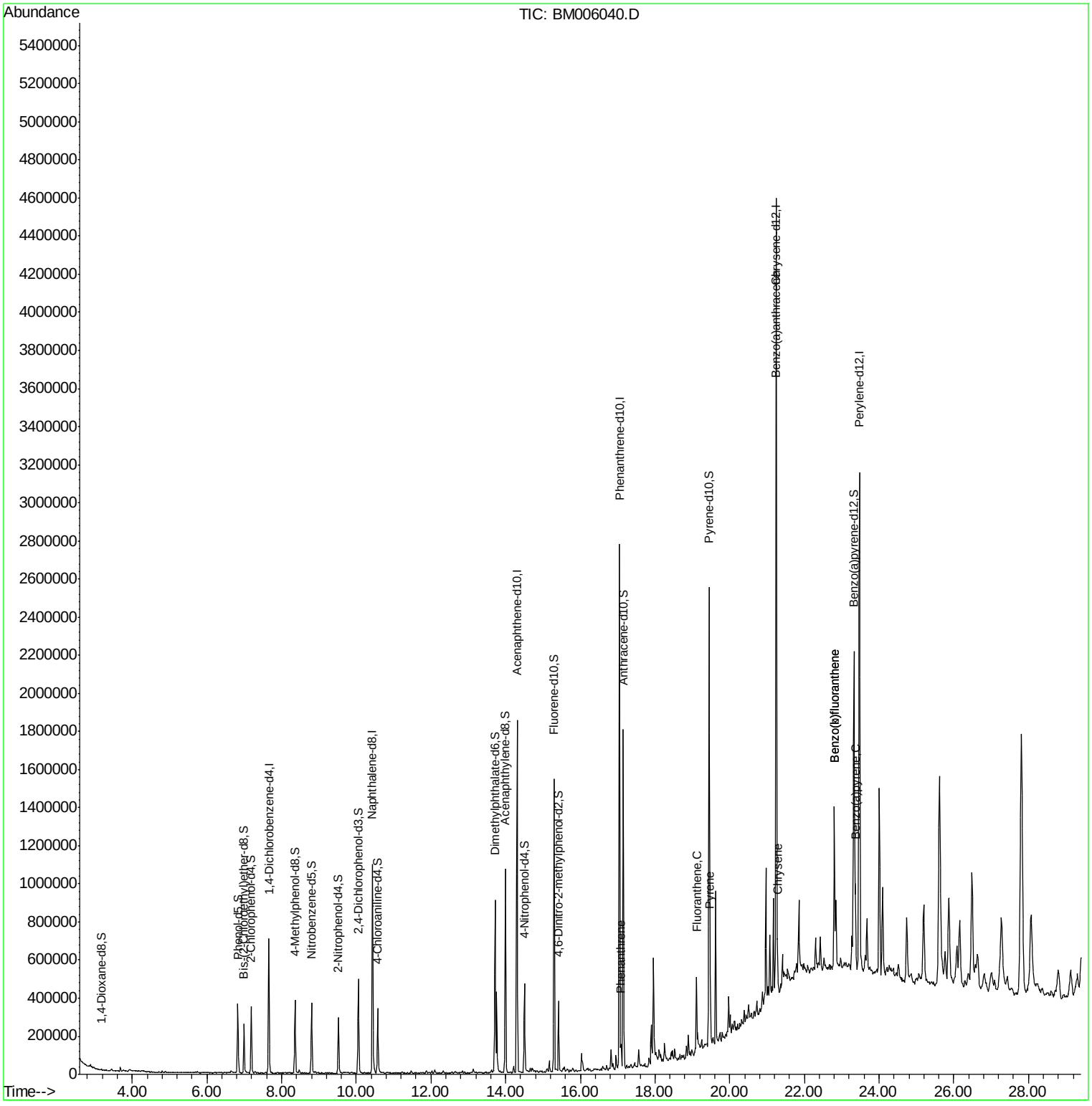
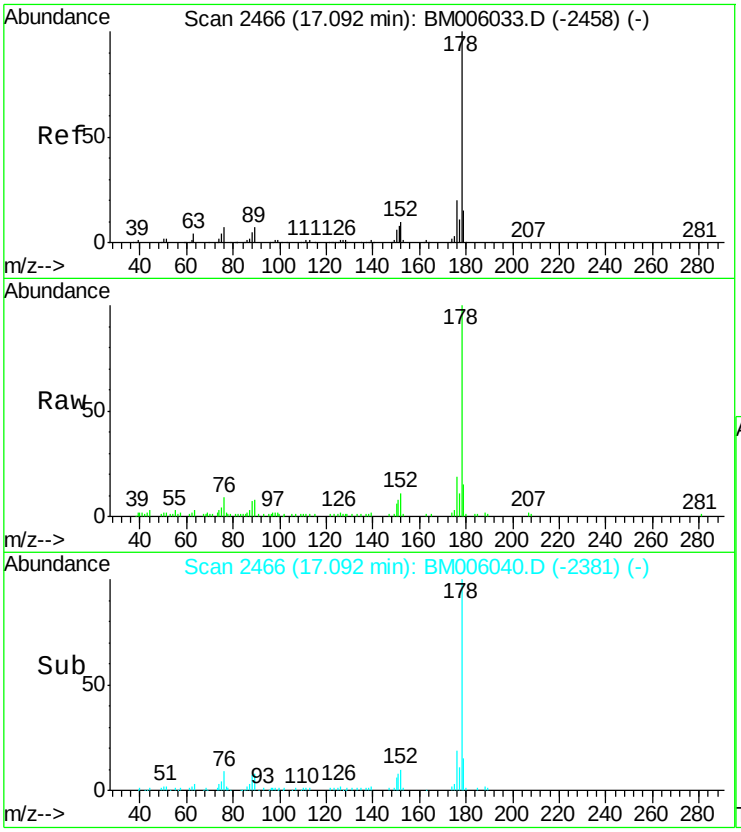


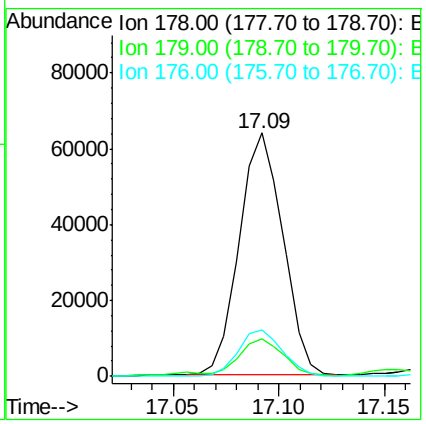


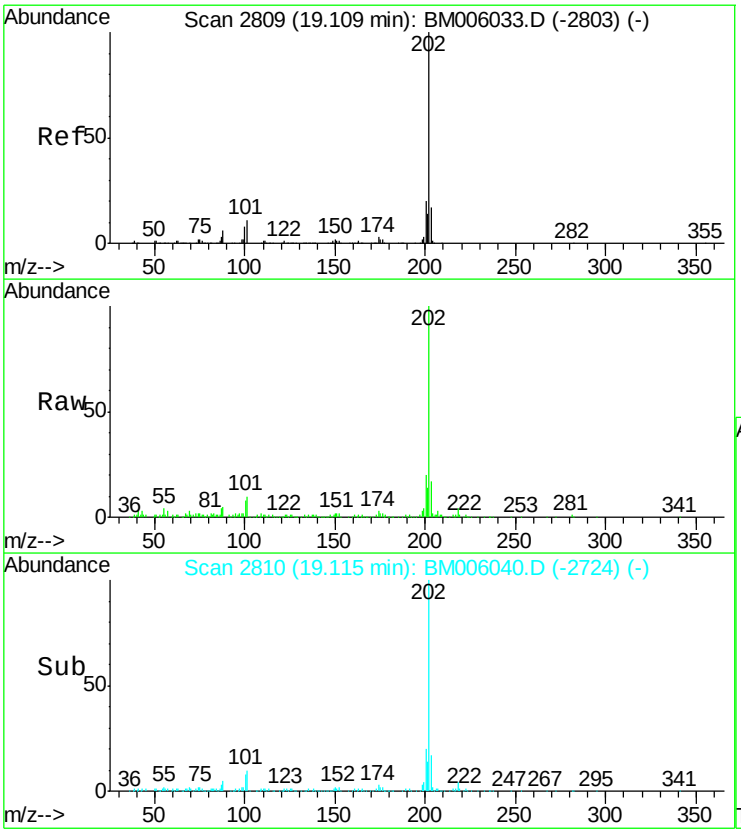
#25
Phenanthrene
Concen: 1.08 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BM006040.D
Acq: 26 Jun 2016 15:00

Instrument :
BNA_M
ClientSampleId :
D9Y73

Tgt Ion:178 Resp: 91923

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	19.3	15.4	23.0

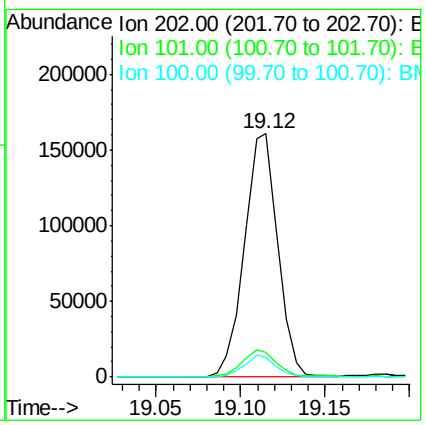


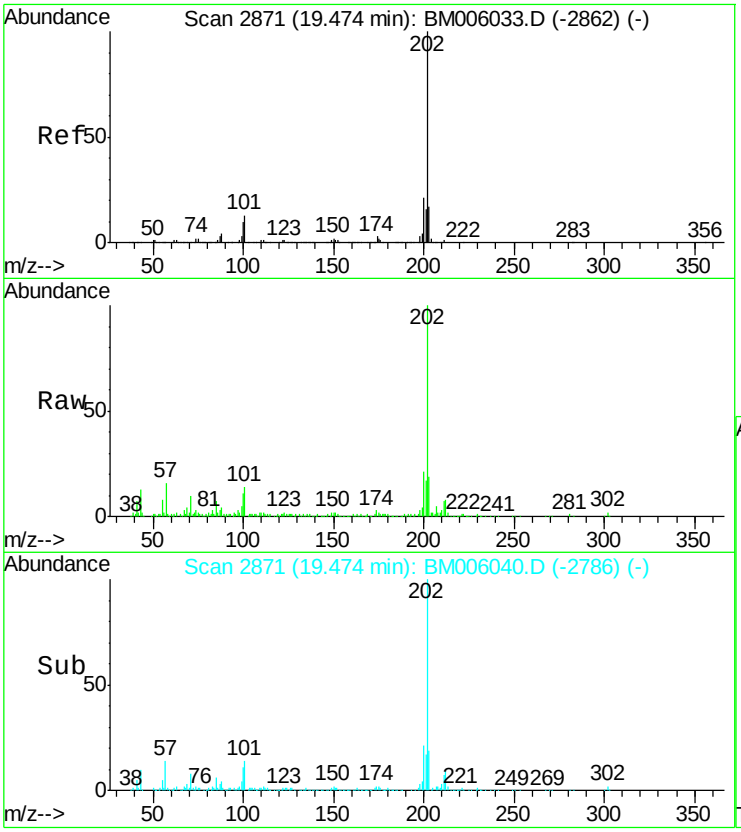


#28
Fluoranthene
Concen: 2.03 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM006040.D
Acq: 26 Jun 2016 15:00

Tgt Ion:202 Resp: 221348

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.2	12.4
100	8.0	6.3	9.5



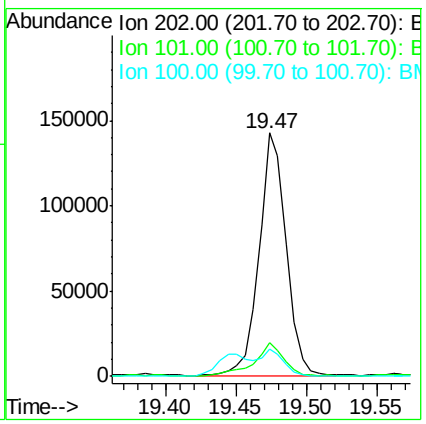


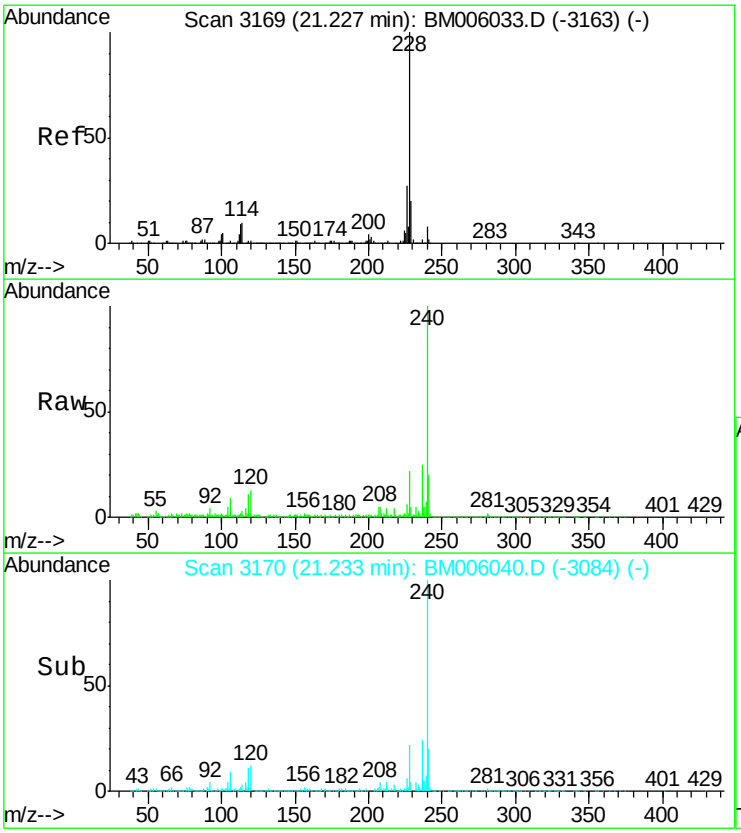
#31
Pyrene
Concen: 1.68 ng/ul
RT: 19.47 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BM006040.D
Acq: 26 Jun 2016 15:00

Instrument :
BNA_M
ClientSampleId :
D9Y73

Tgt Ion:202 Resp: 192451

Ion	Ratio	Lower	Upper
202	100		
101	14.1	9.8	14.6
100	11.3	8.2	12.2

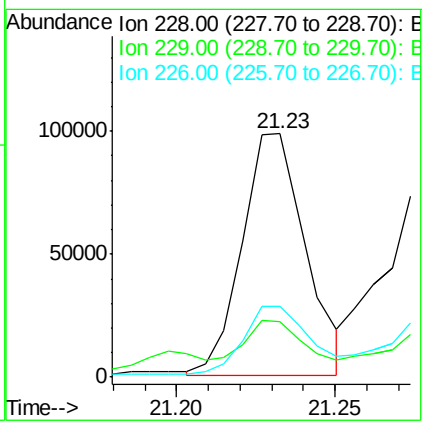


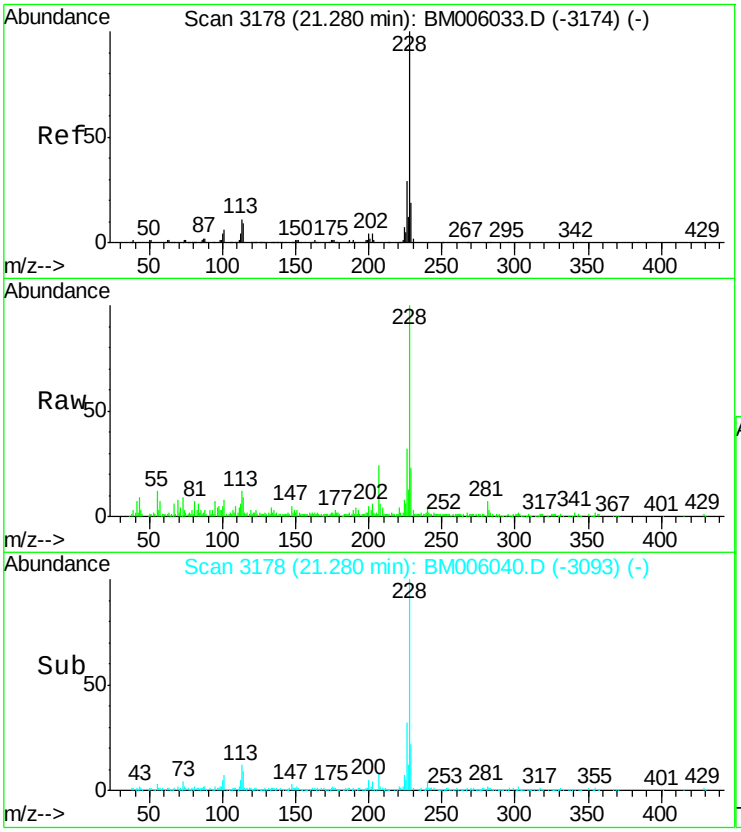


#32
Benzo(a)anthracene
Concen: 1.15 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.01 min
Lab File: BM006040.D
Acq: 26 Jun 2016 15:00

Tgt Ion:228 Resp: 136904

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.8	23.6
226	29.0	21.5	32.3



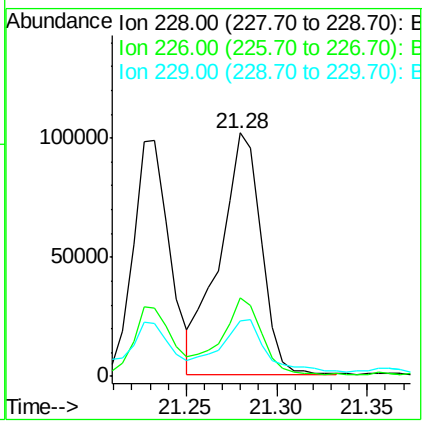


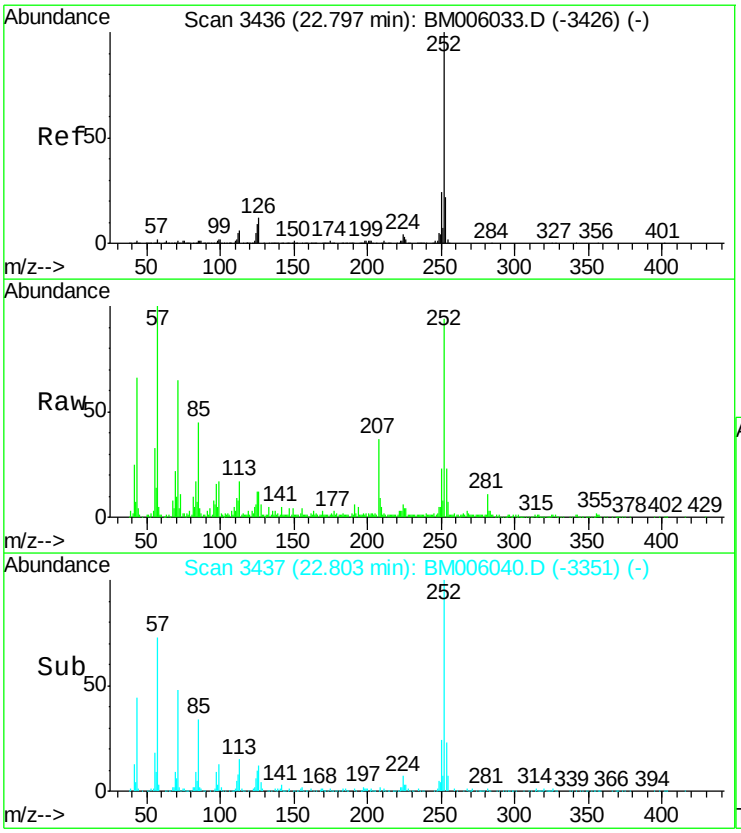
#33
Chrysene
Concen: 1.50 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BM006040.D
Acq: 26 Jun 2016 15:00

Instrument :
BNA_M
ClientSampleId :
D9Y73

Tgt Ion:228 Resp: 162797

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.3	36.5
229	22.7	15.4	23.2

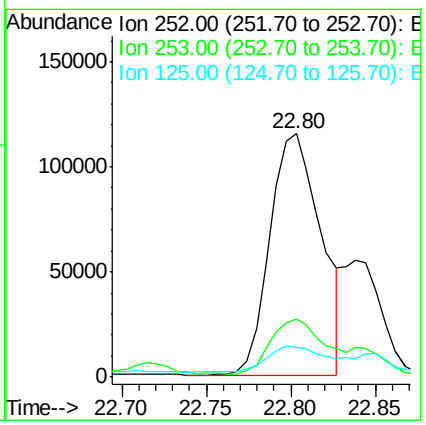


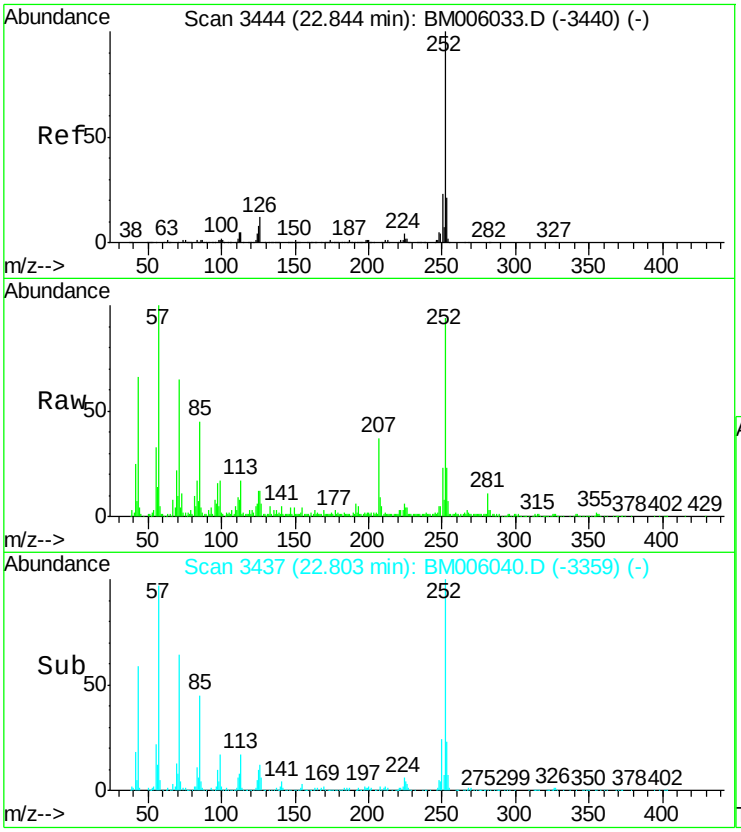


#35
Benzo(b)fluoranthene
Concen: 2.06 ng/ul
RT: 22.80 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BM006040.D
Acq: 26 Jun 2016 15:00

Tgt Ion:252 Resp: 242431

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	12.4	6.8	10.2#



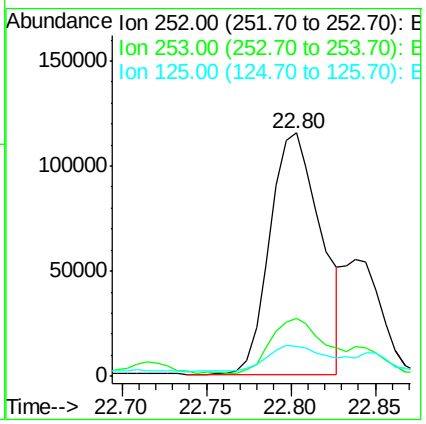


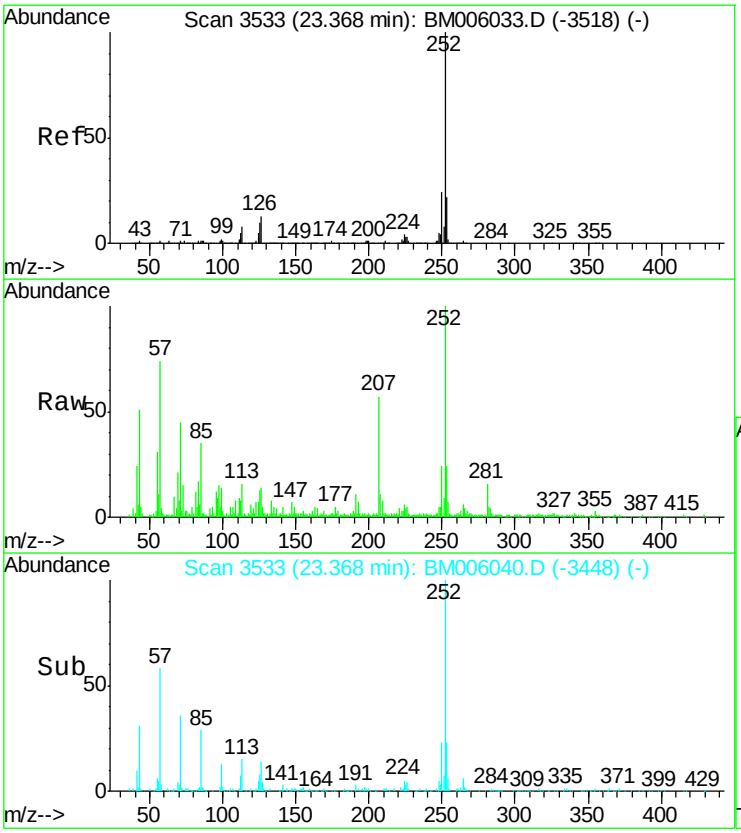
#36
Benzo(k)fluoranthene
Concen: 2.21 ng/ul
RT: 22.80 min Scan# 3437
Delta R.T. -0.04 min
Lab File: BM006040.D
Acq: 26 Jun 2016 15:00

Instrument :
BNA_M
ClientSampleId :
D9Y73

Tgt Ion:252 Resp: 242431

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	12.4	7.0	10.4#





#38
Benzo(a)pyrene
Concen: 1.32 ng/ul
RT: 23.37 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BM006040.D
Acq: 26 Jun 2016 15:00

Tgt Ion:252 Resp: 148804

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	12.7	7.8	11.6#