Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006139.D
Acq On : 29 Jun 2016 23:27
Operator : UM/SJ
Sample : H3779-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YE6

Quant Time: Jun 30 03:31:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	141106	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	706230	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	455346	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.04	188	1135525	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1413324	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1382173	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.16	96	3531	1.16	ng/uL	0.00
3) Phenol-d5	6.82	99	194161	16.84	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	121401	17.86	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	147413	16.66	ng/ul	0.00
6) 4-Methylphenol-d8	8.35	113	165752	17.87	ng/ul	-0.01
8) Nitrobenzene-d5	8.80	128	78869	16.58	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	86934	15.97	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.05	165	166062	16.72	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	180464	22.98	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	553763	16.96	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	691569	17.46	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	82724	13.36	ng/ul	0.00
21) Fluorene-d10	15.30	176	499176	17.92	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	66377	16.50	ng/ul	0.00
26) Anthracene-d10	17.14	188	787493	17.29	ng/ul	0.00
30) Pyrene-d10	19.44	212	969246	17.03	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	952760	17.32	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	95284	1.77	ng/ul	99
27) Anthracene	17.09	178	95284	1.73	ng/ul	98
28) Fluoranthene	19.11	202	291906	4.44	ng/ul	99
31) Pyrene	19.47	202	228294	3.06	ng/ul	98
32) Benzo(a)anthracene	21.23	228	141060	1.92	ng/ul	97
33) Chrysene	21.28	228	160608	2.37	ng/ul	98
35) Benzo(b)fluoranthene	22.80	252	226903	3.16	ng/ul	96
36) Benzo(k)fluoranthene	22.80	252	226903	3.37	ng/ul	97
38) Benzo(a)pyrene	23.36	252	137729	2.03	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.67	276	91948	1.31	ng/ul#	94
41) Benzo(g,h,i)perylene	26.34	276	74713	1.27	ng/ul	96

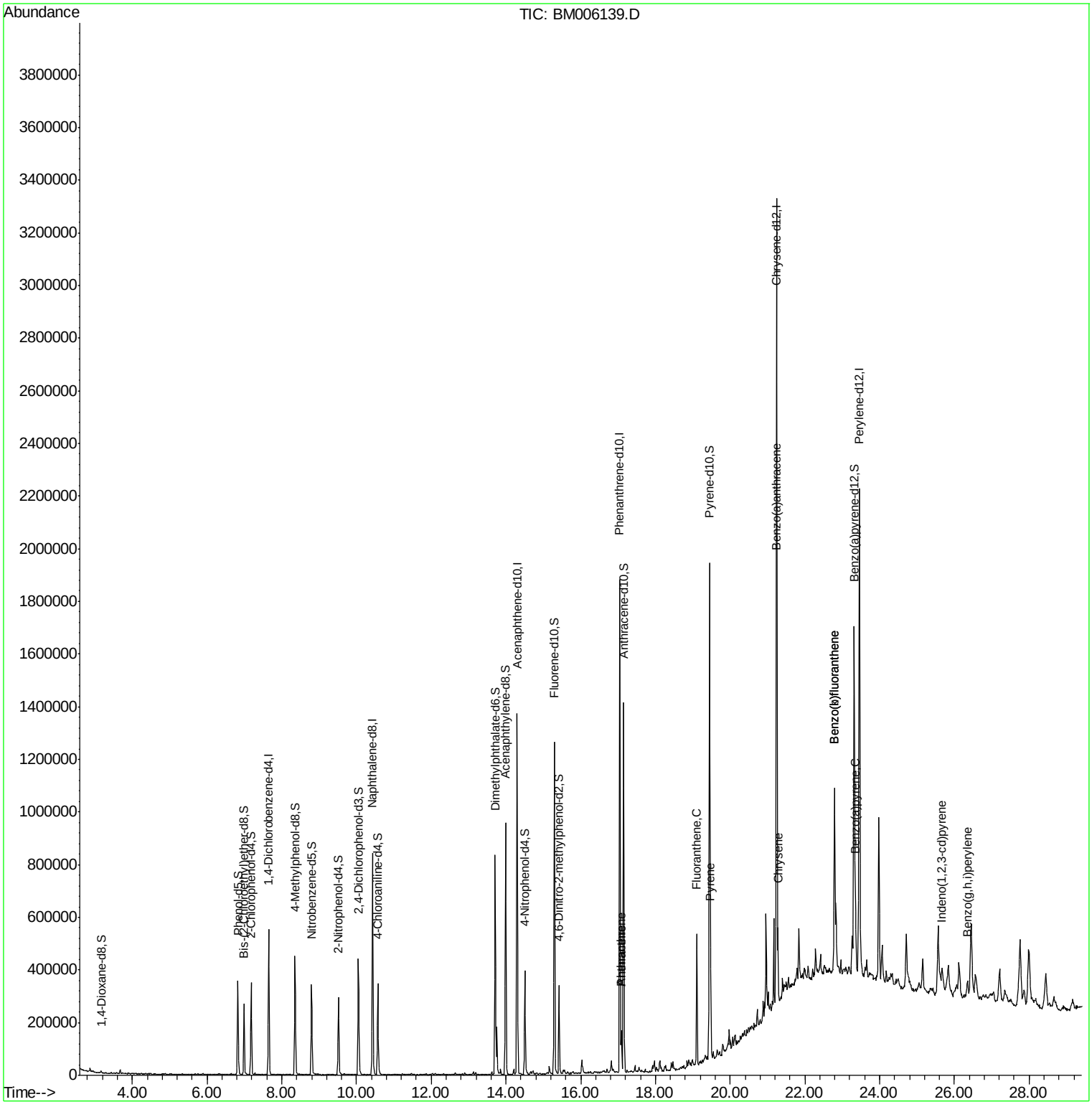
(#) = qualifier out of range (m) = manual integration (+) = signals summed

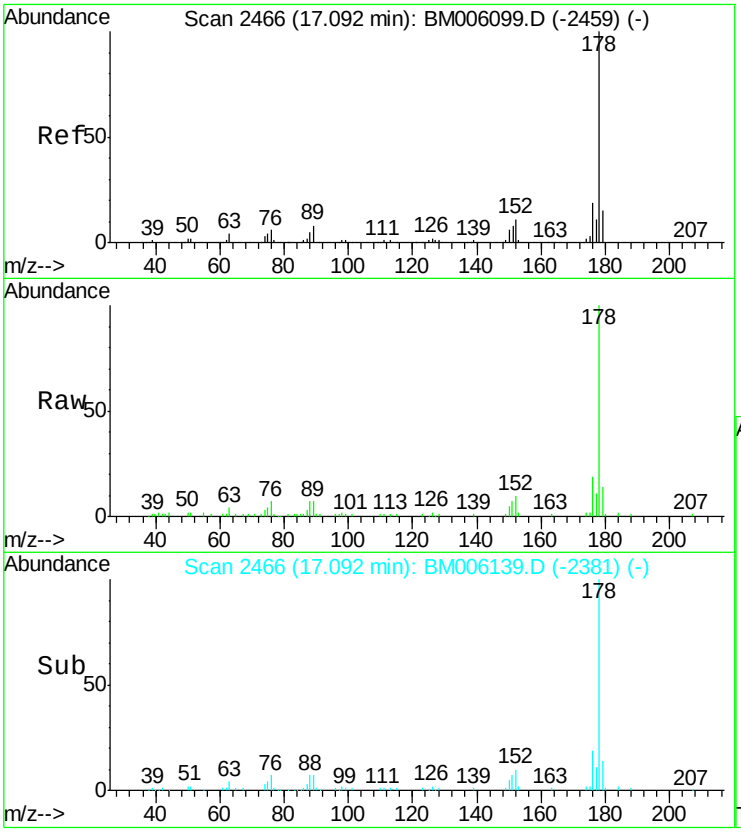
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006139.D
Acq On : 29 Jun 2016 23:27
Operator : UM/SJ
Sample : H3779-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YE6

Quant Time: Jun 30 03:31:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration



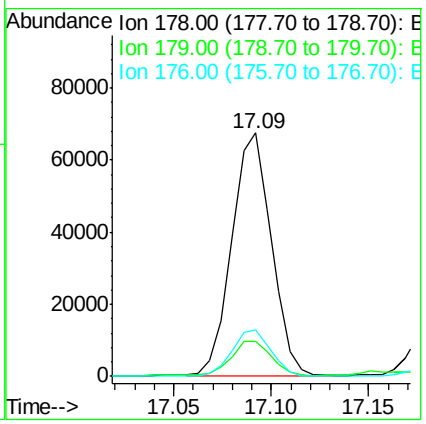


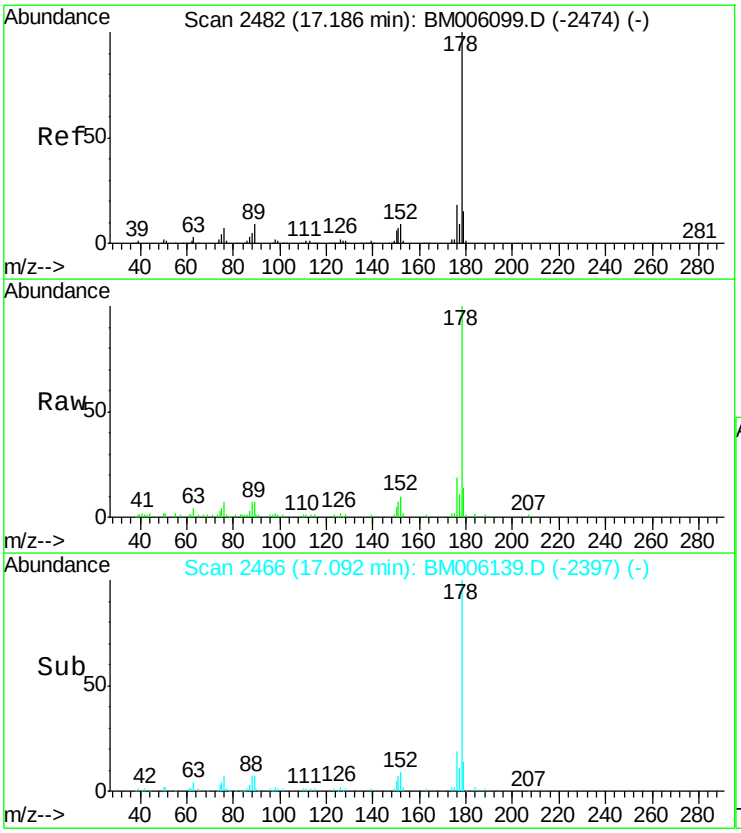
#25
Phenanthrene
Concen: 1.77 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM006139.D
Acq: 29 Jun 2016 23:27

Instrument :
BNA_M
ClientSampleId :
D9YE6

Tgt Ion:178 Resp: 95284

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.2	18.2
176	19.0	15.3	22.9

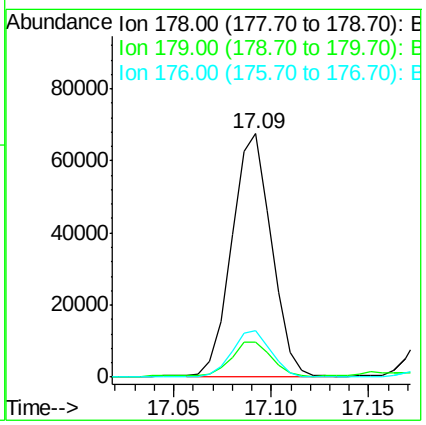


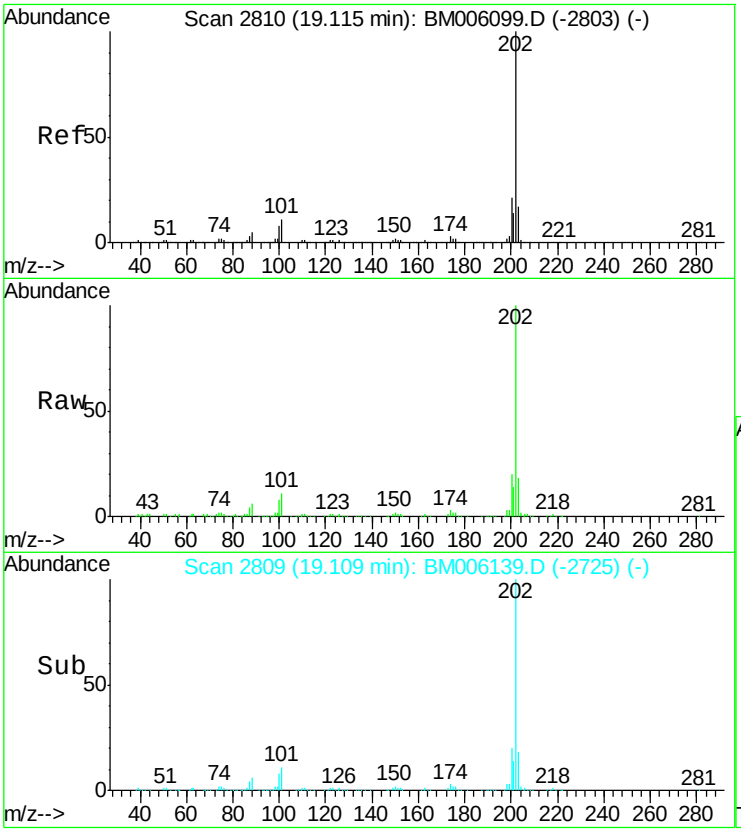


#27
Anthracene
Concen: 1.73 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. -0.09 min
Lab File: BM006139.D
Acq: 29 Jun 2016 23:27

Tgt Ion:178 Resp: 95284

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.3	18.5
176	19.0	14.6	22.0



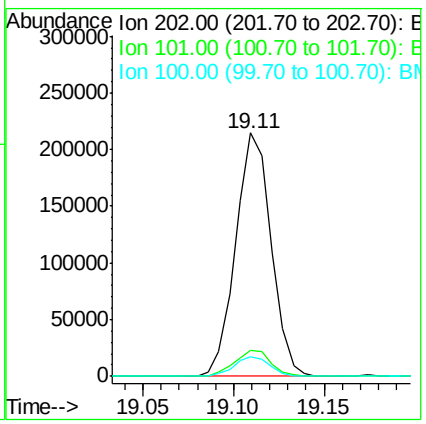


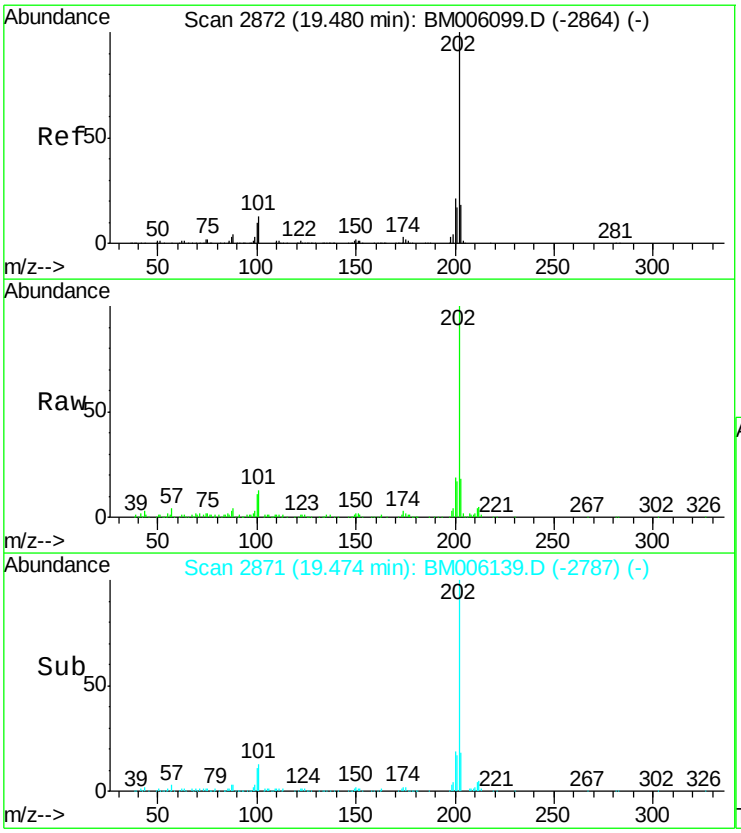
#28
Fluoranthene
Concen: 4.44 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BM006139.D
Acq: 29 Jun 2016 23:27

Instrument :
BNA_M
ClientSampleId :
D9YE6

Tgt Ion:202 Resp: 291906

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.5	12.7
100	7.8	6.5	9.7

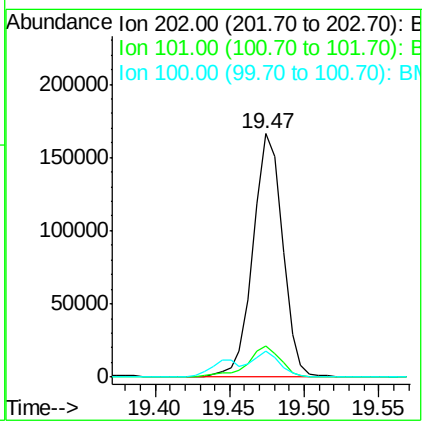


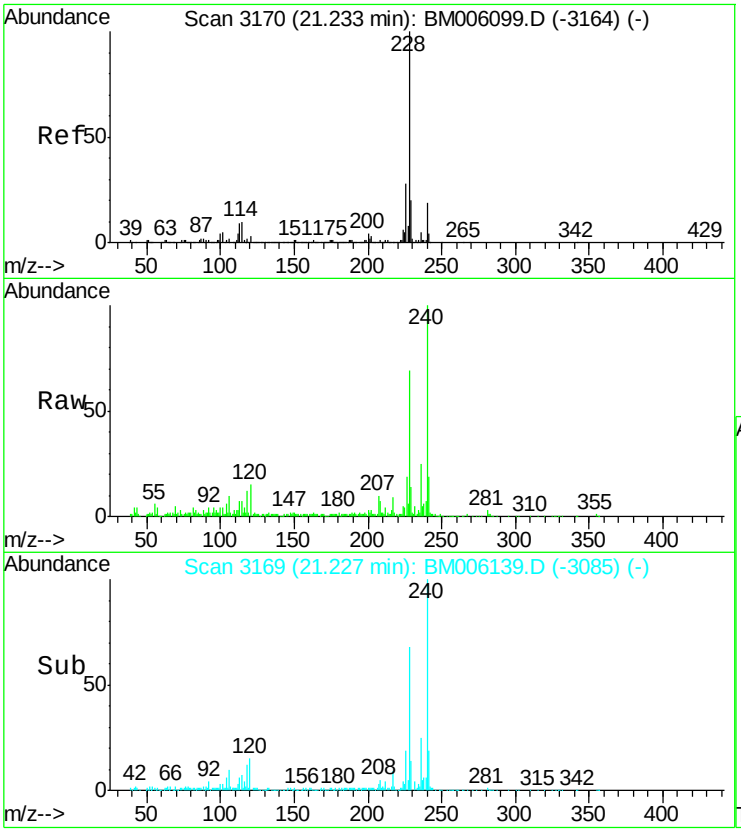


#31
Pyrene
Concen: 3.06 ng/ul
RT: 19.47 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BM006139.D
Acq: 29 Jun 2016 23:27

Tgt Ion:202 Resp: 228294

Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.0	16.4
100	10.6	8.9	13.3



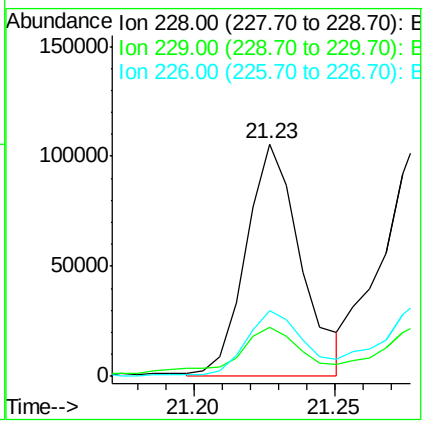


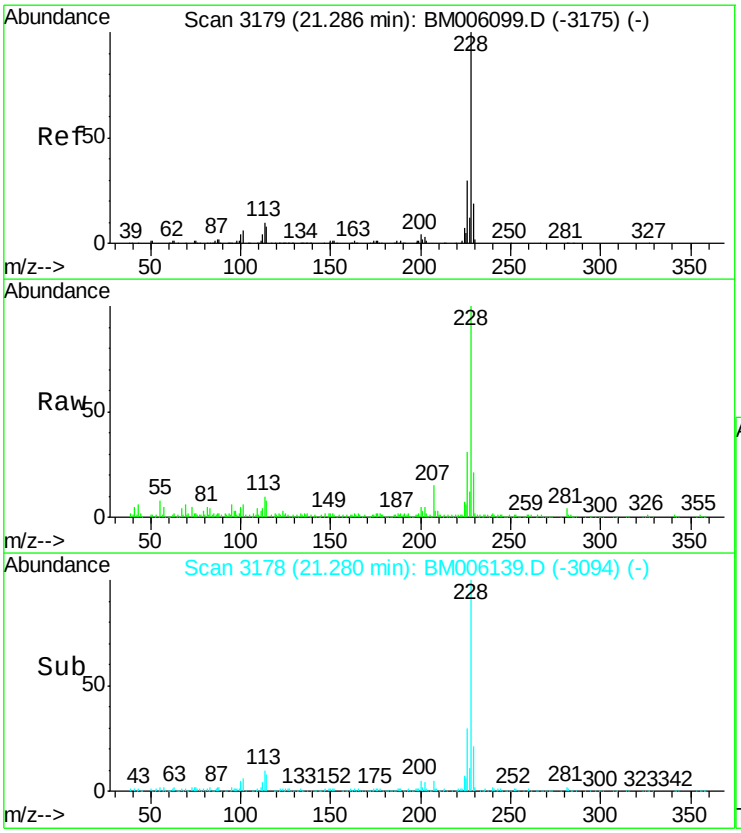
#32
Benzo(a)anthracene
Concen: 1.92 ng/ul
RT: 21.23 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BM006139.D
Acq: 29 Jun 2016 23:27

Instrument :
BNA_M
ClientSampleId :
D9YE6

Tgt Ion:228 Resp: 141060

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.6	23.4
226	28.1	21.6	32.4

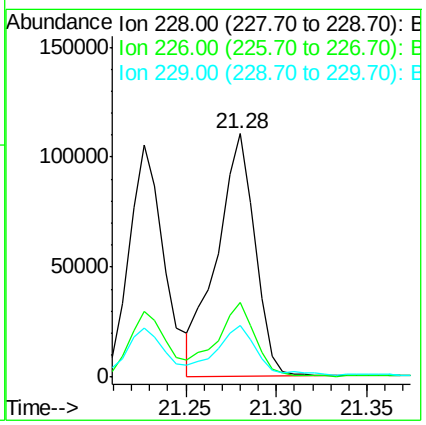


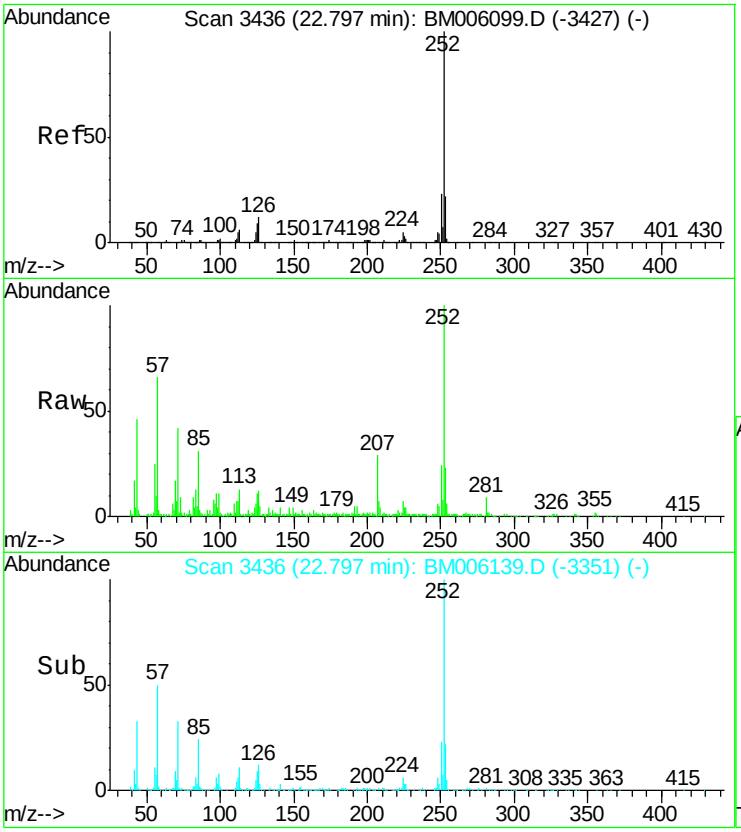


#33
Chrysene
Concen: 2.37 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006139.D
Acq: 29 Jun 2016 23:27

Tgt Ion:228 Resp: 160608

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.6
229	21.2	15.8	23.6



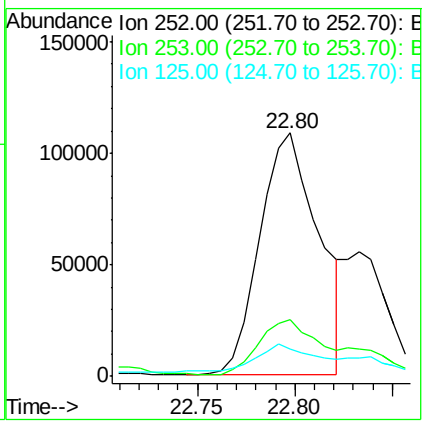


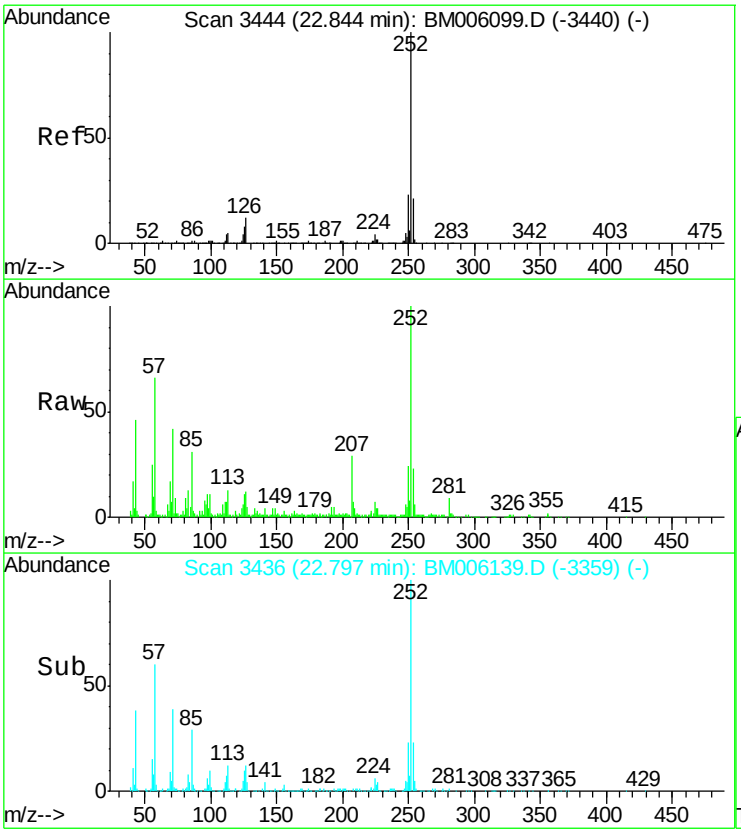
#35
Benzo(b)fluoranthene
Concen: 3.16 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006139.D
Acq: 29 Jun 2016 23:27

Instrument :
BNA_M
ClientSampleId :
D9YE6

Tgt Ion:252 Resp: 226903

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	11.4	7.8	11.6

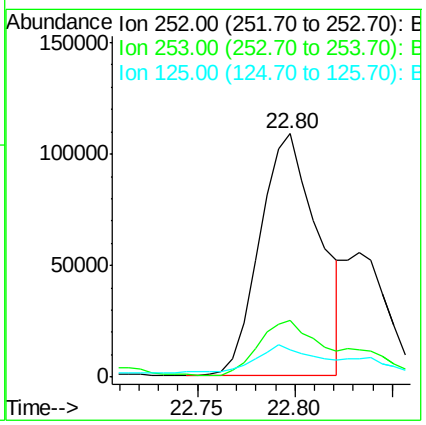


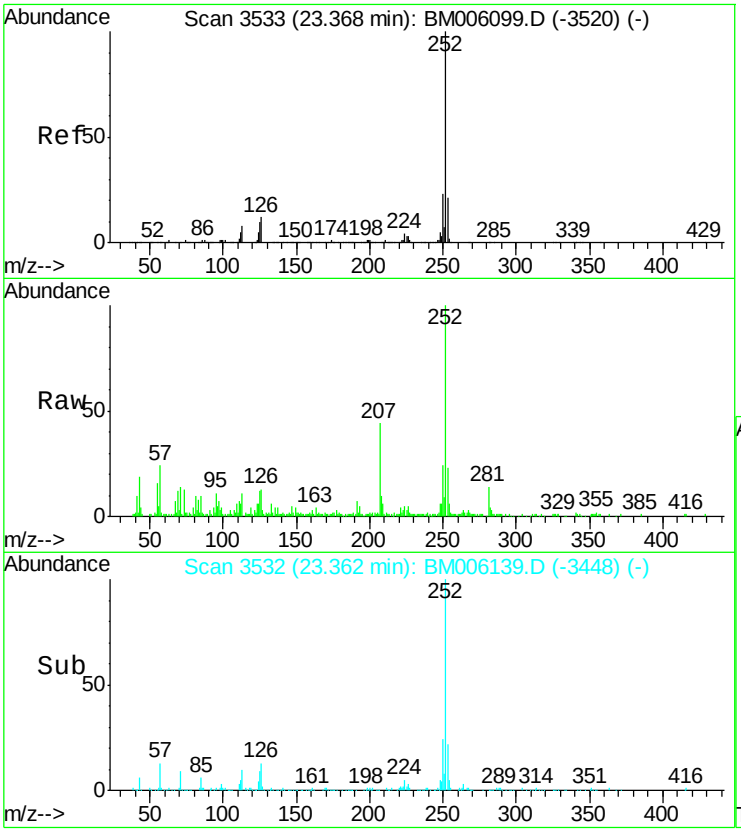


#36
Benzo(k)fluoranthene
Concen: 3.37 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.05 min
Lab File: BM006139.D
Acq: 29 Jun 2016 23:27

Tgt Ion:252 Resp: 226903

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	11.4	8.1	12.1



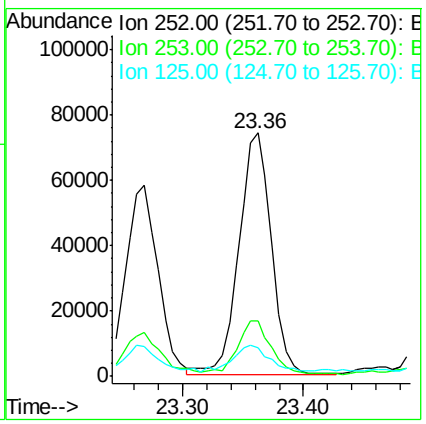


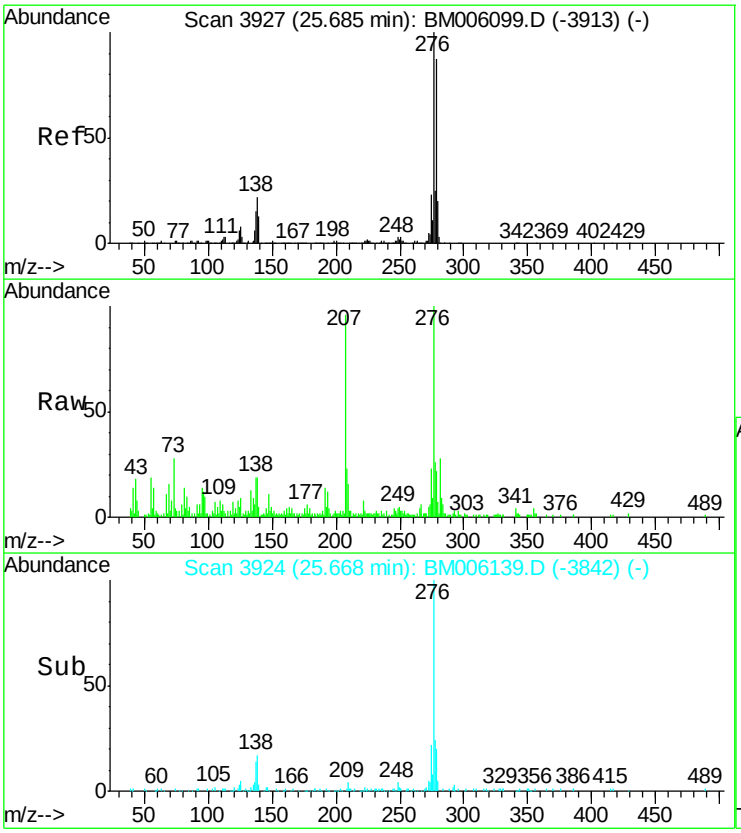
#38
Benzo(a)pyrene
Concen: 2.03 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006139.D
Acq: 29 Jun 2016 23:27

Instrument :
BNA_M
ClientSampleId :
D9YE6

Tgt Ion:252 Resp: 137729

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.7	8.7	13.1

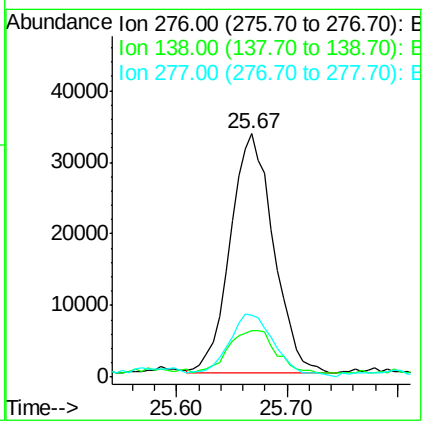


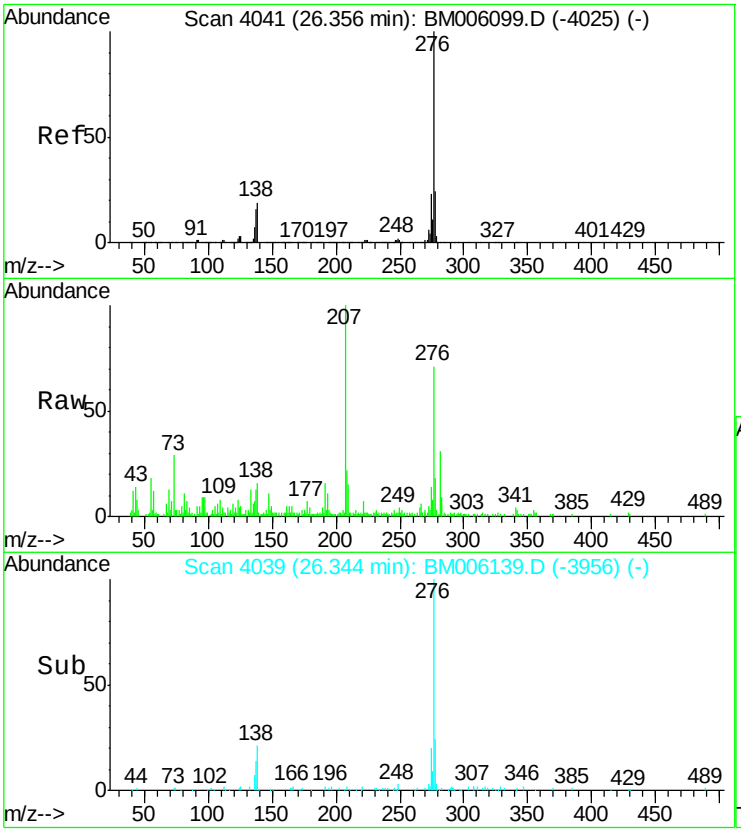


#39
Indeno(1,2,3-cd)pyrene
Concen: 1.31 ng/ul
RT: 25.67 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM006139.D
Acq: 29 Jun 2016 23:27

Tgt Ion:276 Resp: 91948

Ion	Ratio	Lower	Upper
276	100		
138	19.1	20.4	30.6#
277	25.7	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 1.27 ng/ul
RT: 26.34 min Scan# 4039
Delta R.T. -0.01 min
Lab File: BM006139.D
Acq: 29 Jun 2016 23:27

Instrument :
BNA_M
ClientSampleId :
D9YE6

Tgt Ion:276 Resp: 74713

Ion	Ratio	Lower	Upper
276	100		
138	22.8	16.6	25.0
277	25.7	18.9	28.3