

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
 Data File : BM006043.D
 Acq On : 26 Jun 2016 16:48
 Operator : UM/SJ
 Sample : H3669-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y74

Quant Time: Jun 27 05:17:00 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	143067	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	752687	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	526964	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1460459	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	2003441	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	2094473	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	3344	1.04	ng/uL	0.00
3) Phenol-d5	6.83	99	147011	9.77	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	95066	11.35	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	111243	10.61	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	100887	7.94	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	62855	10.97	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	66283	10.40	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	134267	10.98	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	142725	10.75	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	519586	11.52	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	652068	12.46	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	76836	7.98	ng/ul	0.00
21) Fluorene-d10	15.30	176	507575	13.18	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	49140	6.06	ng/ul	0.00
26) Anthracene-d10	17.15	188	861815	12.85	ng/ul	0.00
30) Pyrene-d10	19.45	212	1130046	12.88	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1214194	12.84	ng/ul	0.00

Target Compounds

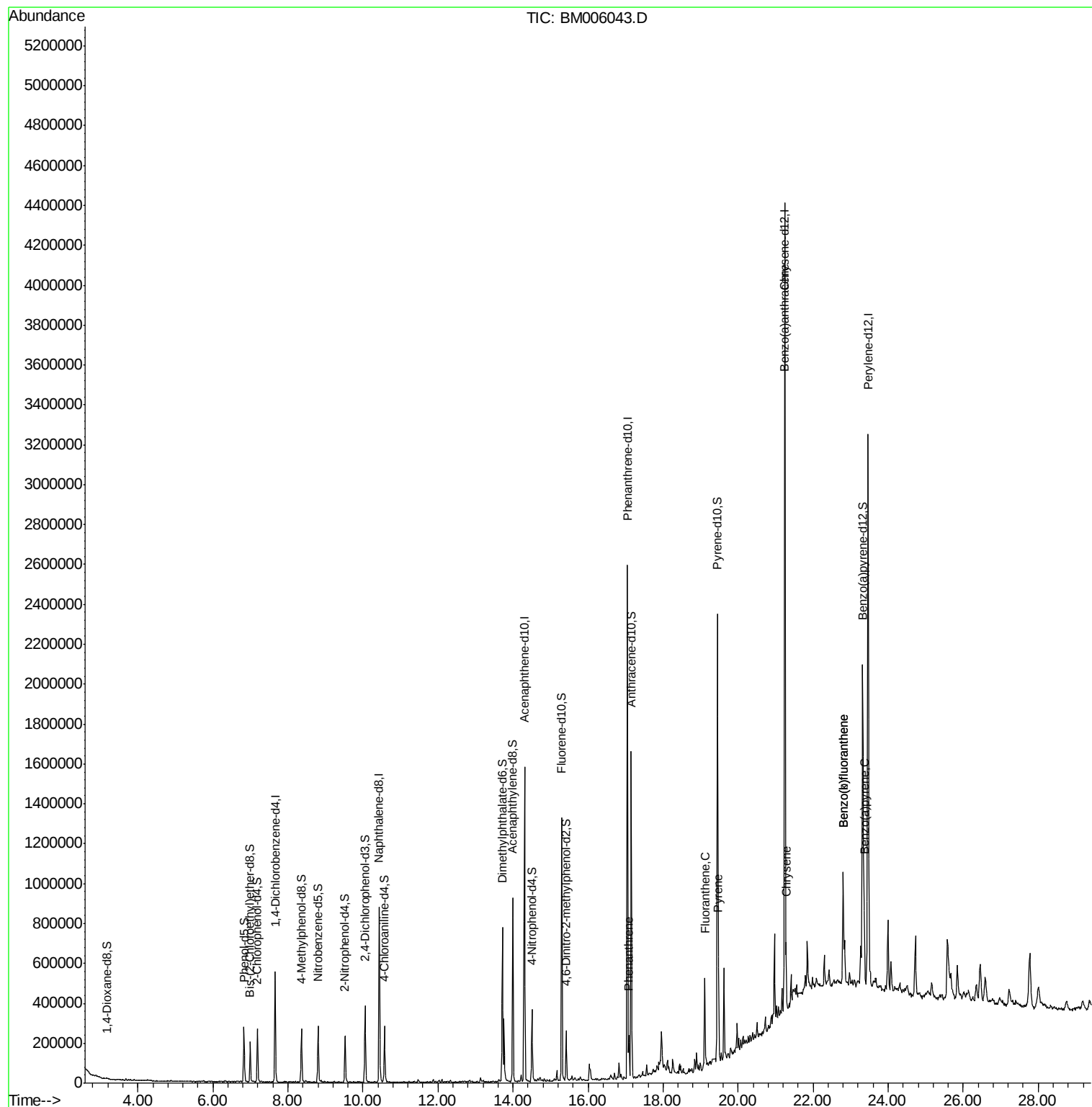
						Qvalue
25) Phenanthrene	17.09	178	124607	1.59	ng/ul	98
28) Fluoranthene	19.12	202	268254	2.67	ng/ul	99
31) Pyrene	19.48	202	243651	2.12	ng/ul	99
32) Benzo(a)anthracene	21.23	228	162192	1.36	ng/ul	95
33) Chrysene	21.28	228	188333	1.73	ng/ul	98
35) Benzo(b)fluoranthene	22.80	252	279139	2.29	ng/ul#	95
36) Benzo(k)fluoranthene	22.80	252	279139	2.47	ng/ul#	95
38) Benzo(a)pyrene	23.37	252	178839	1.53	ng/ul#	98

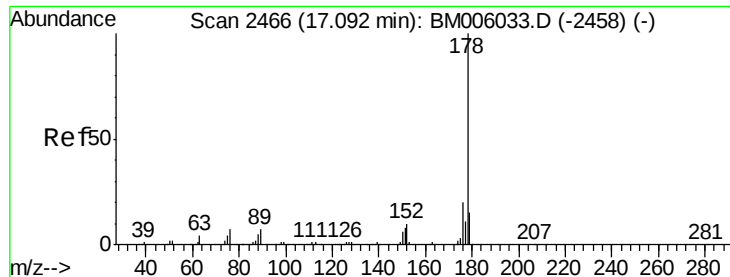
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006043.D
Acq On : 26 Jun 2016 16:48
Operator : UM/SJ
Sample : H3669-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Y74

Quant Time: Jun 27 05:17:00 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





#25

Phenanthrene

Concen: 1.59 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BM006043.D

Acq: 26 Jun 2016 16:48

Instrument :

BNA_M

ClientSampleId :

D9Y74

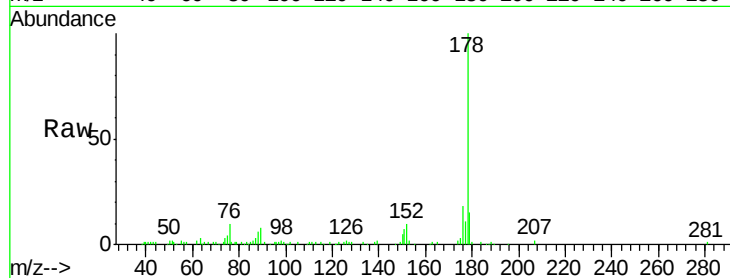
Tgt Ion:178 Resp: 124607

Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

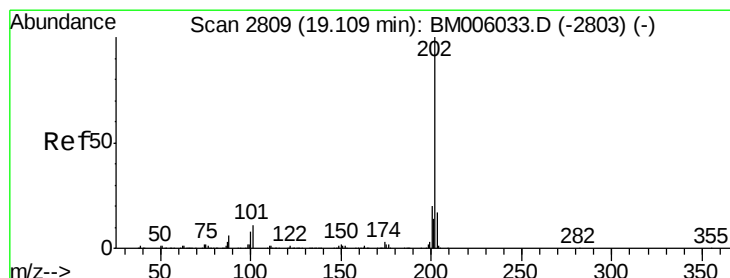
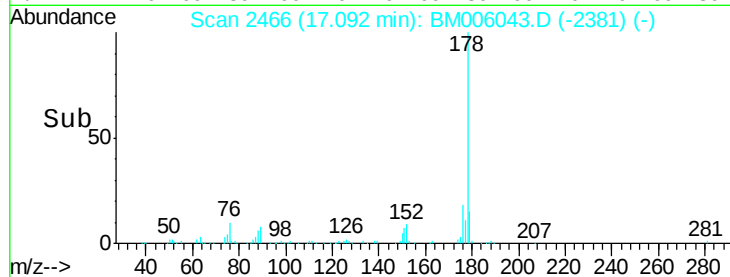
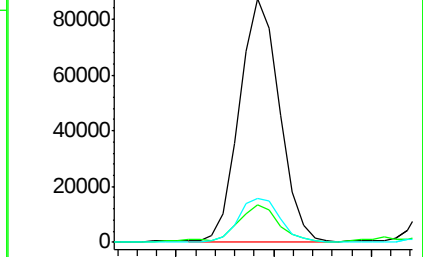
176 18.0 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 2.67 ng/ul

RT: 19.12 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM006043.D

Acq: 26 Jun 2016 16:48

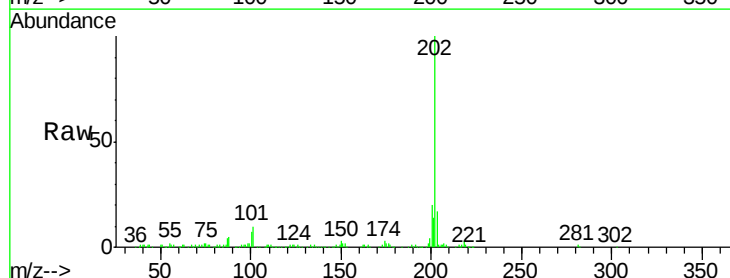
Tgt Ion:202 Resp: 268254

Ion Ratio Lower Upper

202 100

101 10.2 8.2 12.4

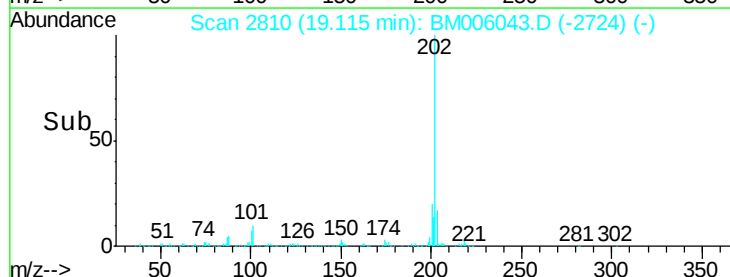
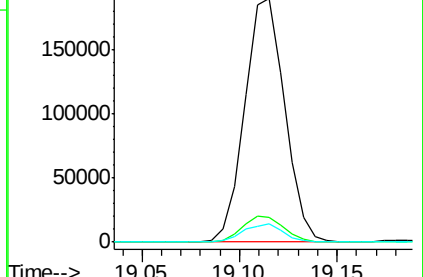
100 7.5 6.3 9.5

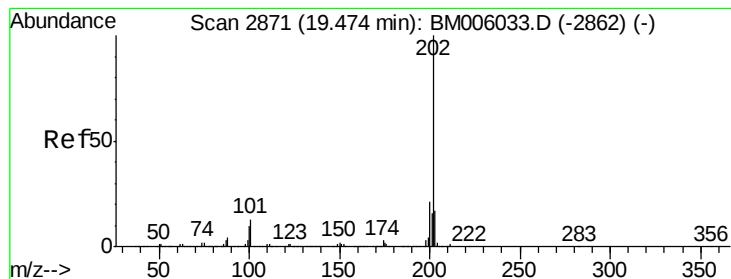


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#31

Pyrene

Concen: 2.12 ng/ul

RT: 19.48 min Scan# 2872

Delta R.T. 0.01 min

Lab File: BM006043.D

Acq: 26 Jun 2016 16:48

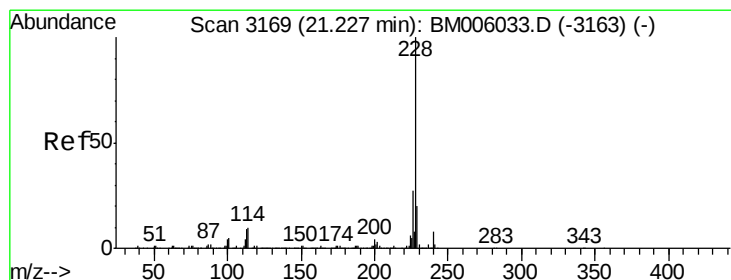
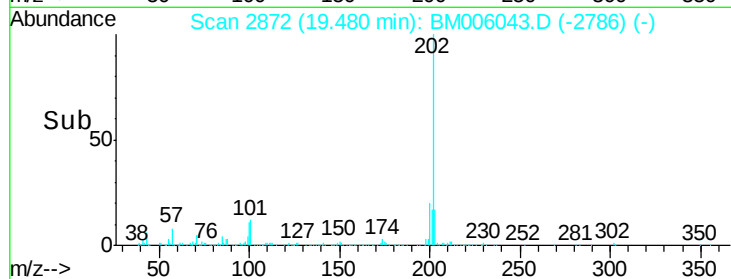
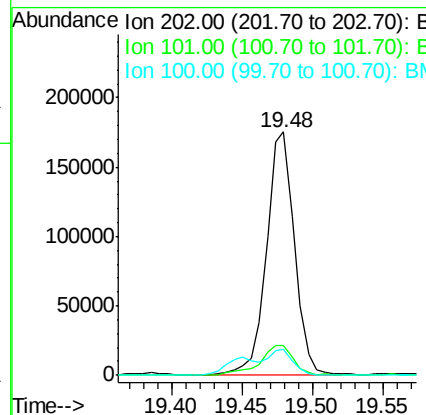
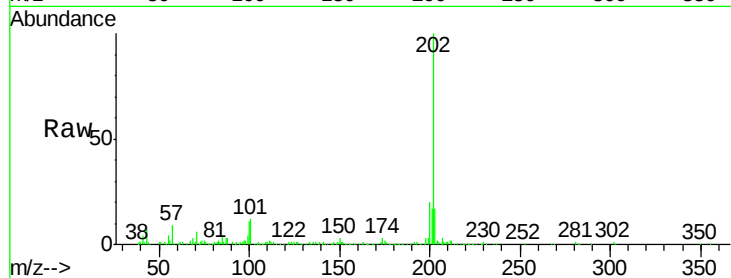
Instrument :

BNA_M

ClientSampleId :

D9Y74

Tgt Ion:	202	Resp:	243651
Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.6
100	10.6	8.2	12.2



#32

Benzo(a)anthracene

Concen: 1.36 ng/ul

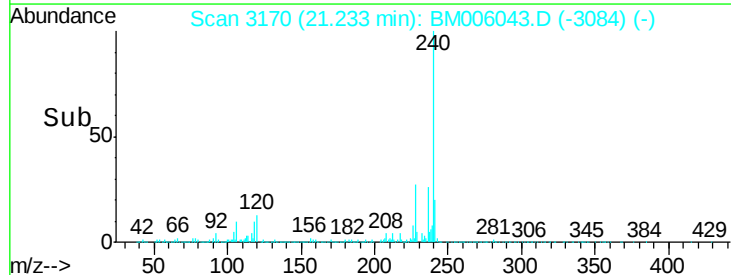
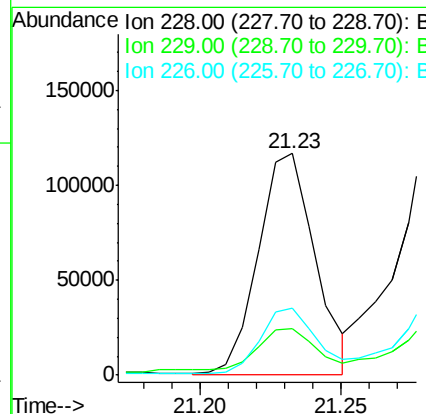
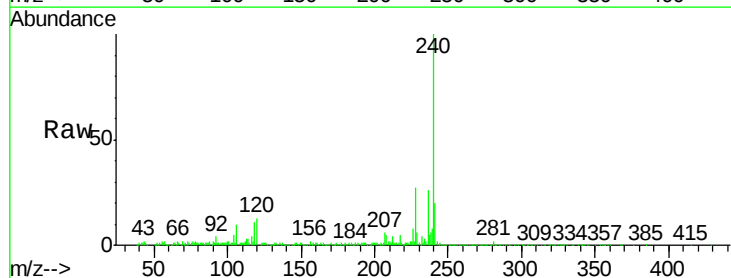
RT: 21.23 min Scan# 3170

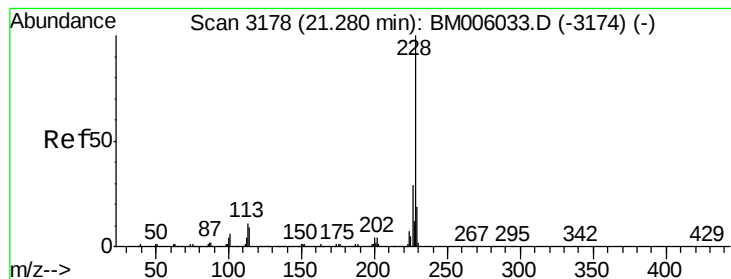
Delta R.T. 0.01 min

Lab File: BM006043.D

Acq: 26 Jun 2016 16:48

Tgt Ion:	228	Resp:	162192
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	30.1	21.5	32.3





#33

Chrysene

Concen: 1.73 ng/ul

RT: 21.28 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BM006043.D

Acq: 26 Jun 2016 16:48

Instrument :

BNA_M

ClientSampleId :

D9Y74

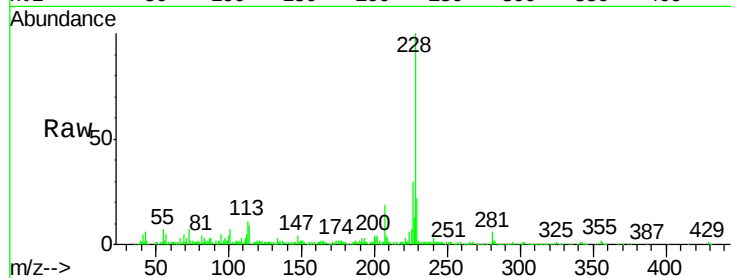
Tgt Ion:228 Resp: 188333

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

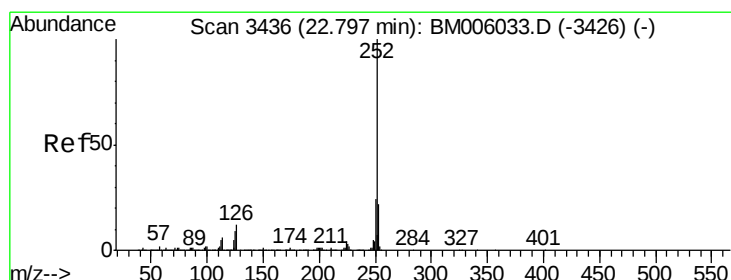
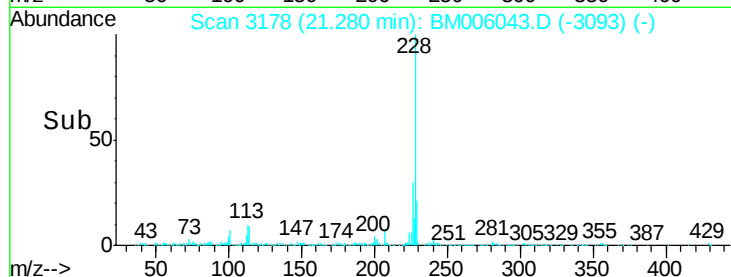
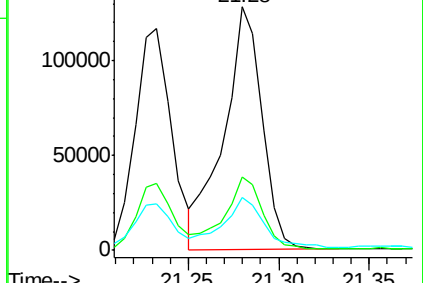
229 21.9 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#35

Benzo(b)fluoranthene

Concen: 2.29 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. -0.00 min

Lab File: BM006043.D

Acq: 26 Jun 2016 16:48

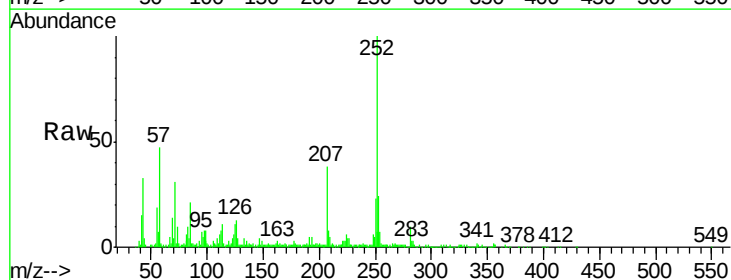
Tgt Ion:252 Resp: 279139

Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

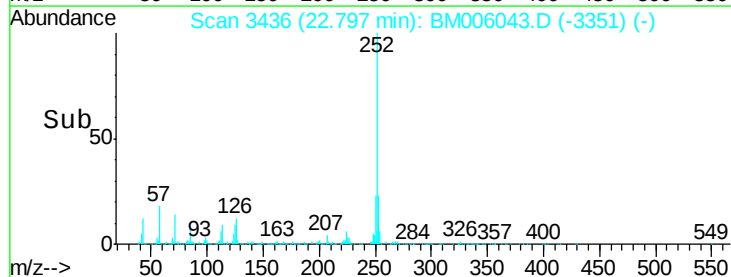
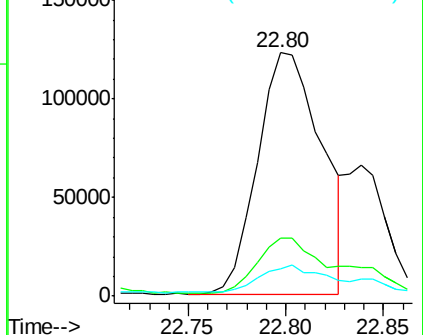
125 11.2 6.8 10.2#

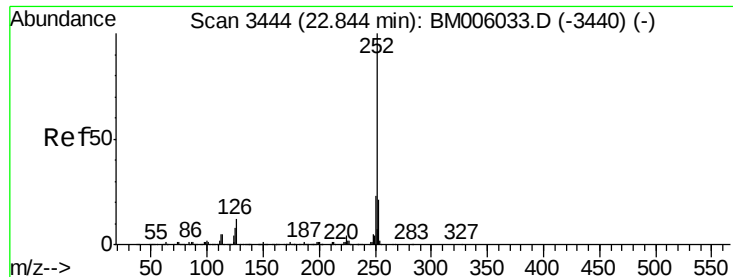


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 2.47 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. -0.05 min

Lab File: BM006043.D

Acq: 26 Jun 2016 16:48

Instrument :

BNA_M

ClientSampleId :

D9Y74

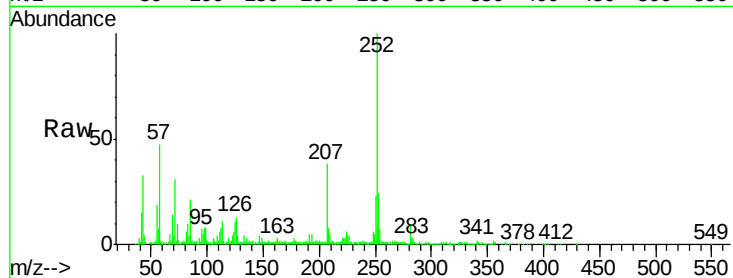
Tgt Ion:252 Resp: 279139

Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

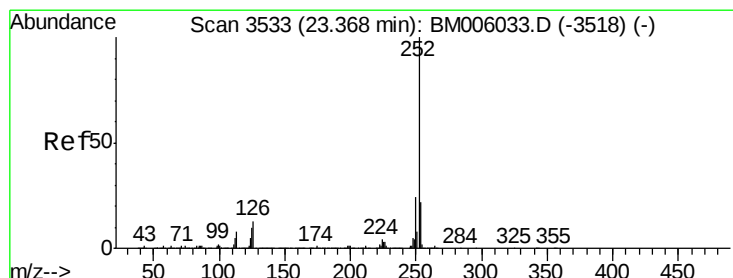
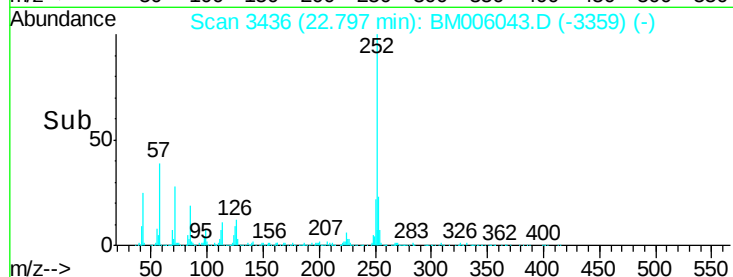
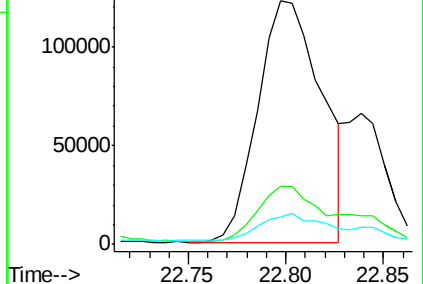
125 11.2 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 1.53 ng/ul

RT: 23.37 min Scan# 3533

Delta R.T. -0.00 min

Lab File: BM006043.D

Acq: 26 Jun 2016 16:48

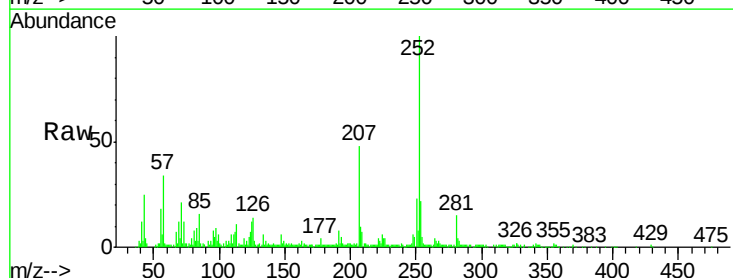
Tgt Ion:252 Resp: 178839

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 12.1 7.8 11.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

