

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
 Data File : BM006077.D
 Acq On : 27 Jun 2016 19:33
 Operator : UM/SJ
 Sample : H3670-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y79

Quant Time: Jun 28 03:25:06 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	147786	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	795595	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	563325	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1495451	20.00	ng/ul	0.00
29) Chrysene-d12	21.26	240	1804758	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1606957	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	4339	1.31	ng/uL	0.00
3) Phenol-d5	6.83	99	215081	13.83	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	115675	13.37	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	154292	14.25	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	161927	12.34	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	79890	13.19	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	84137	12.48	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	183066	14.16	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	194412	13.86	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	601544	12.47	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	789286	14.11	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	117403	11.41	ng/ul	-0.01
21) Fluorene-d10	15.30	176	591426	14.36	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	45716	5.51	ng/ul	-0.01
26) Anthracene-d10	17.16	188	989880	14.41	ng/ul	0.00
30) Pyrene-d10	19.46	212	1267658	16.03	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	1074099	14.80	ng/ul	0.00

Target Compounds

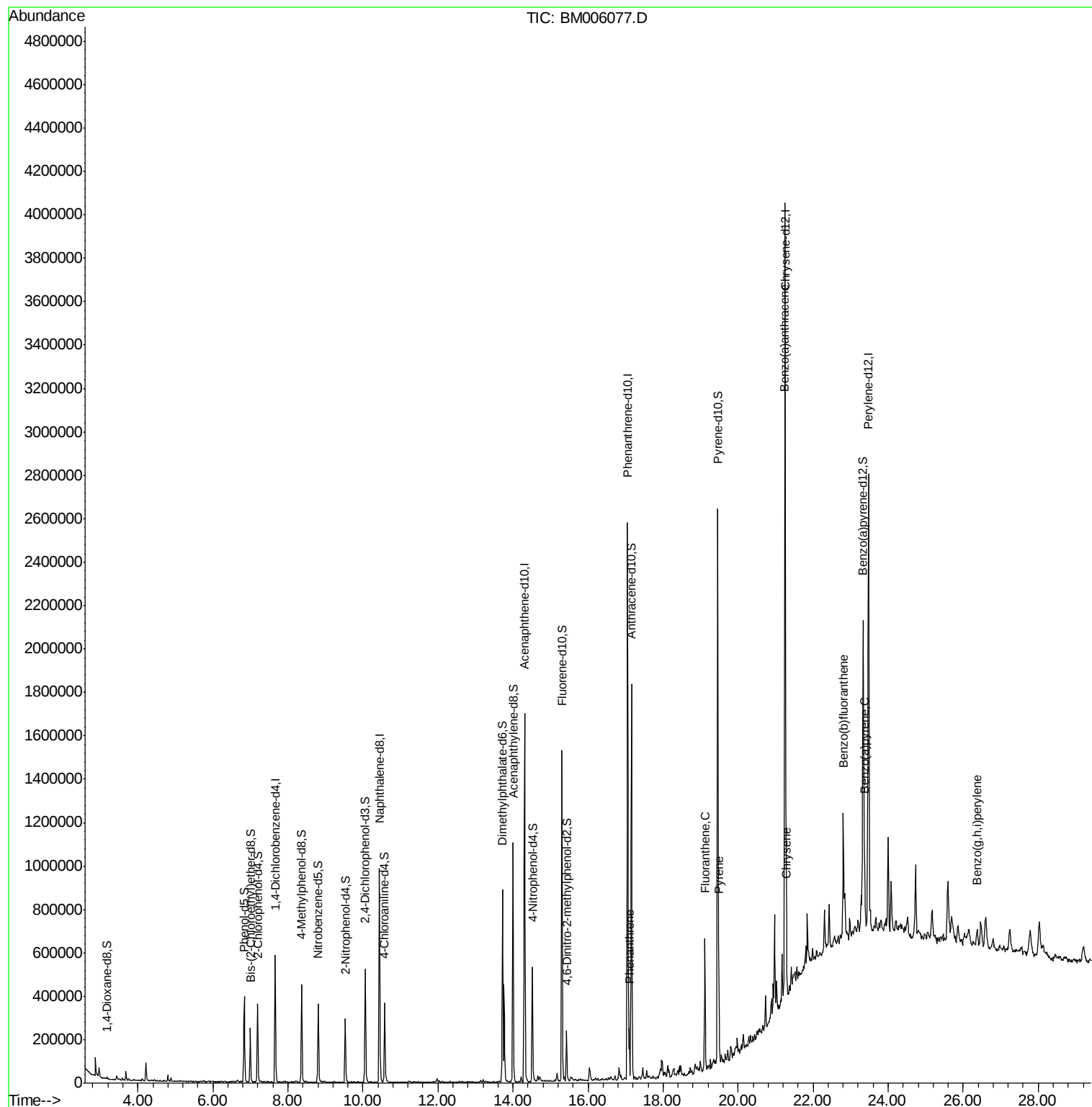
						Qvalue
25) Phenanthrene	17.10	178	133817	1.66	ng/ul	97
28) Fluoranthene	19.12	202	356802	3.46	ng/ul	99
31) Pyrene	19.49	202	299261	2.90	ng/ul	97
32) Benzo(a)anthracene	21.24	228	210739	1.97	ng/ul	95
33) Chrysene	21.29	228	209202	2.14	ng/ul	97
35) Benzo(b)fluoranthene	22.81	252	260409	2.79	ng/ul#	93
38) Benzo(a)pyrene	23.37	252	145499	1.63	ng/ul	94
41) Benzo(g,h,i)perylene	26.38	276	98463	1.07	ng/ul	95

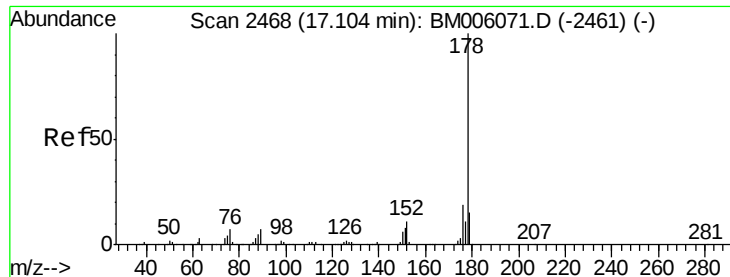
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Phenanthrene

Concen: 1.66 ng/ul

RT: 17.10 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BM006077.D

Acq: 27 Jun 2016 19:33

Instrument :

BNA_M

ClientSampleId :

D9Y79

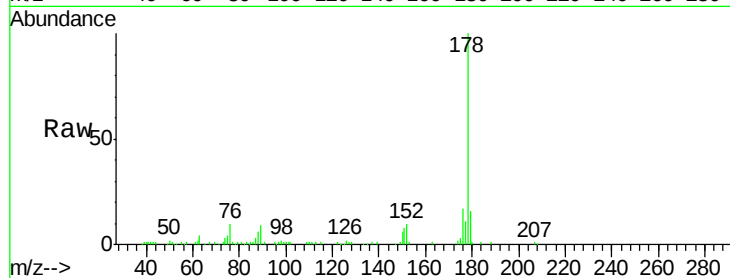
Tgt Ion:178 Resp: 133817

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

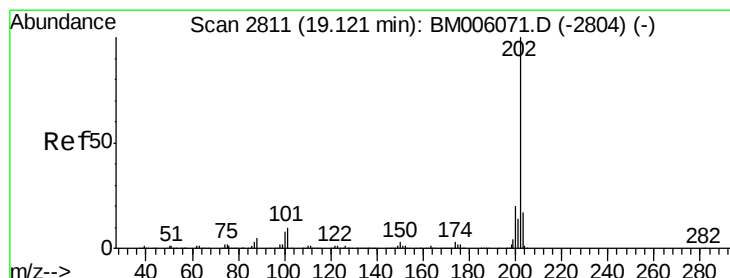
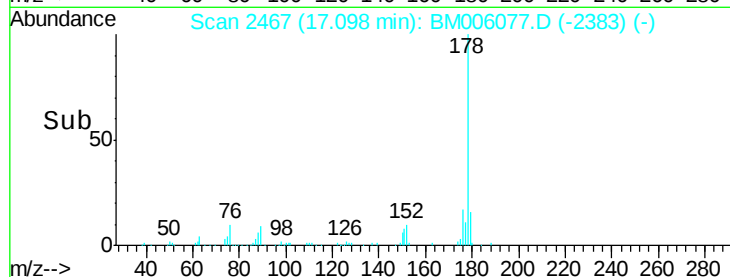
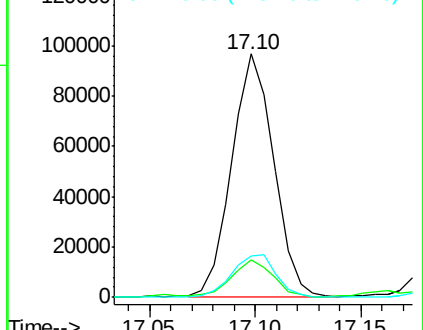
176 17.2 15.3 22.9



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: 3.46 ng/ul

RT: 19.12 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BM006077.D

Acq: 27 Jun 2016 19:33

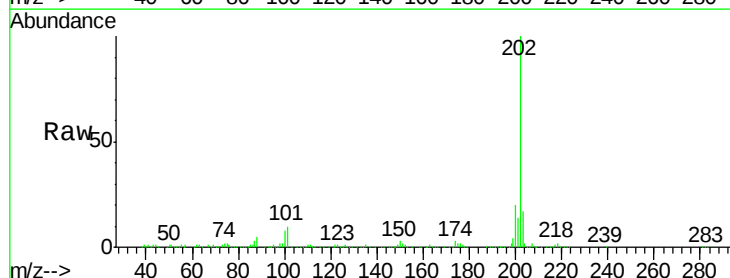
Tgt Ion:202 Resp: 356802

Ion Ratio Lower Upper

202 100

101 10.3 8.5 12.7

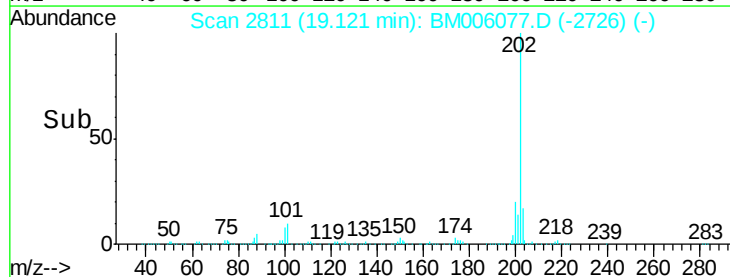
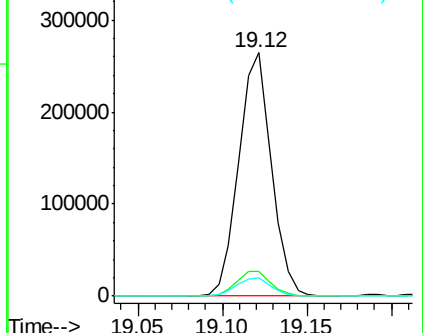
100 7.7 6.5 9.7

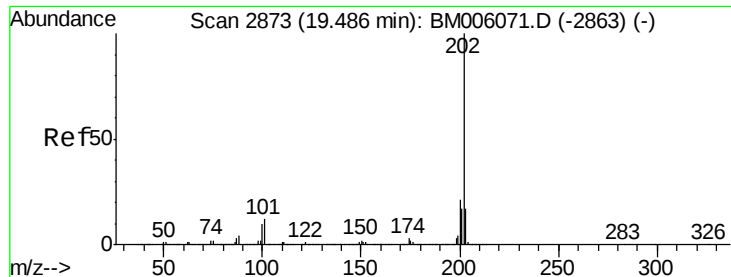


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

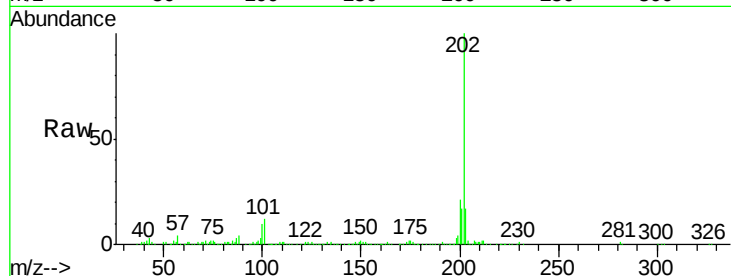




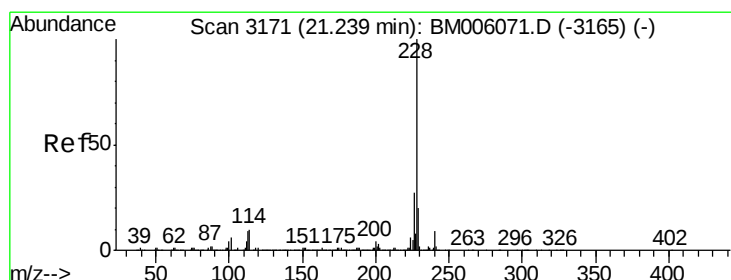
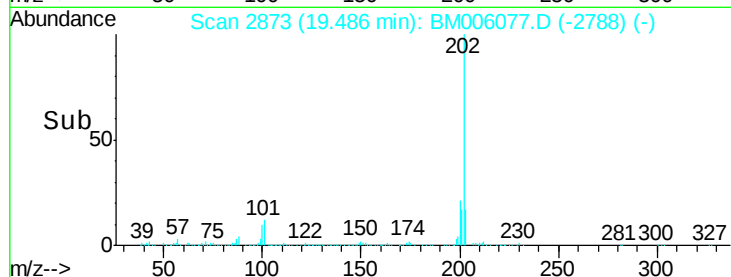
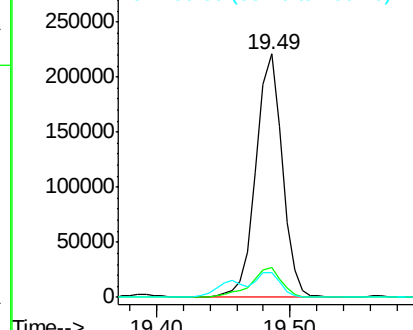
#31
 Pyrene
 Concen: 2.90 ng/ul
 RT: 19.49 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BM006077.D
 Acq: 27 Jun 2016 19:33

Instrument :
 BNA_M
 ClientSampleId :
 D9Y79

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.0	16.4
100	10.0	8.9	13.3

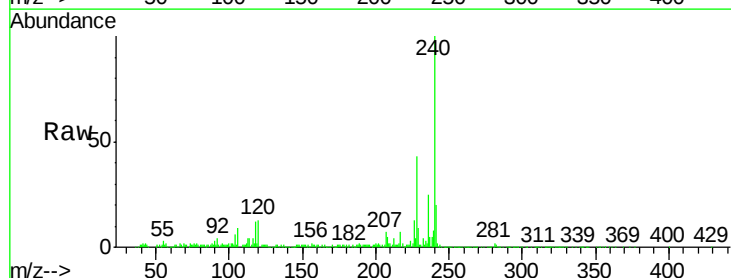


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

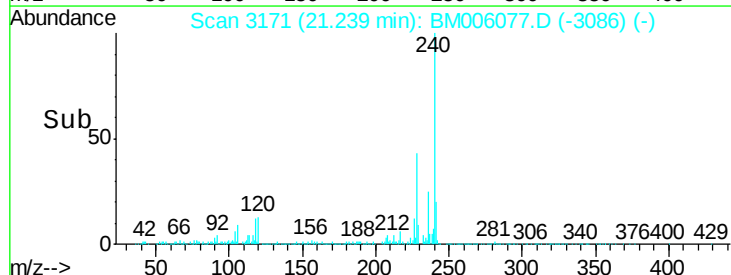
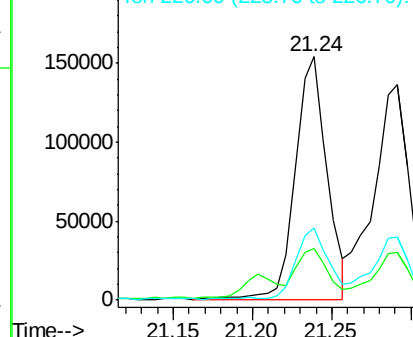


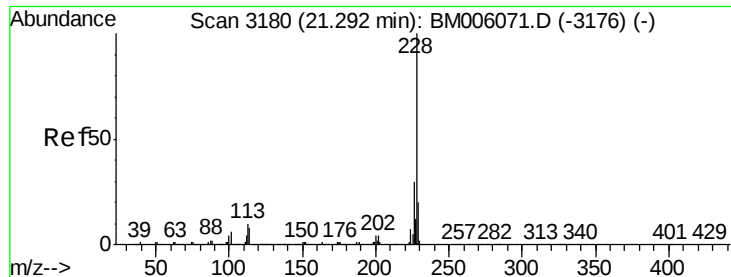
#32
 Benzo(a)anthracene
 Concen: 1.97 ng/ul
 RT: 21.24 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: BM006077.D
 Acq: 27 Jun 2016 19:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.6	23.4
226	29.5	21.6	32.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E





#33

Chrysene

Concen: 2.14 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. 0.00 min

Lab File: BM006077.D

Acq: 27 Jun 2016 19:33

Instrument :

BNA_M

ClientSampleId :

D9Y79

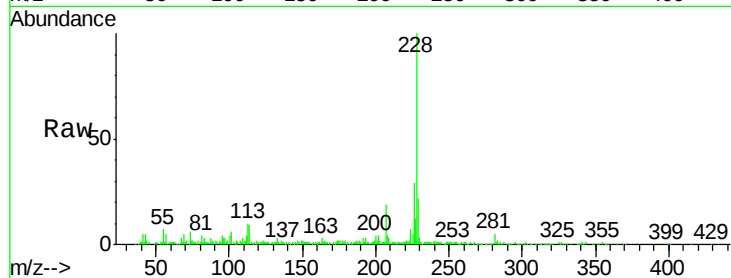
Tgt Ion:228 Resp: 209202

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.6

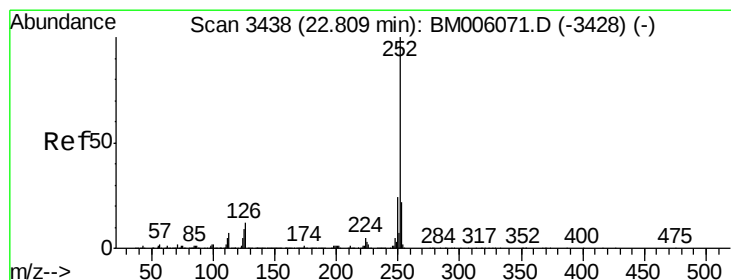
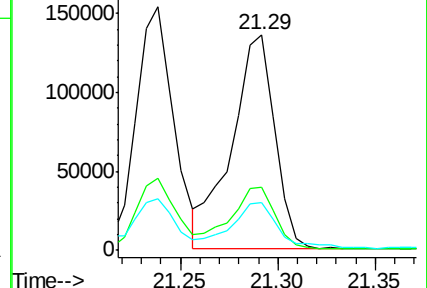
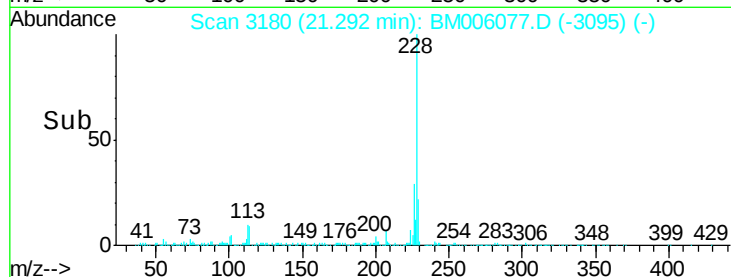
229 22.2 15.8 23.6



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: 2.79 ng/ul

RT: 22.81 min Scan# 3438

Delta R.T. -0.01 min

Lab File: BM006077.D

Acq: 27 Jun 2016 19:33

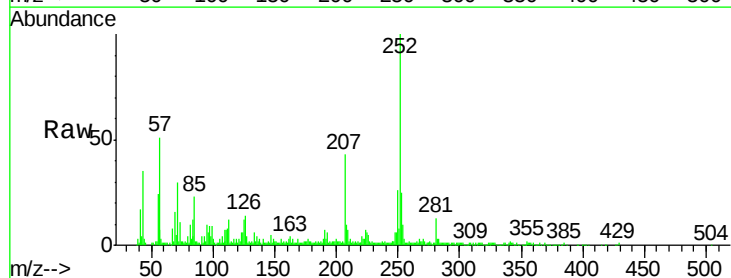
Tgt Ion:252 Resp: 260409

Ion Ratio Lower Upper

252 100

253 24.9 17.2 25.8

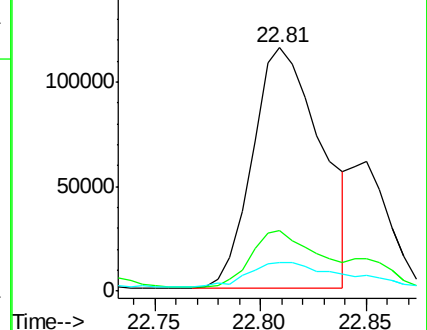
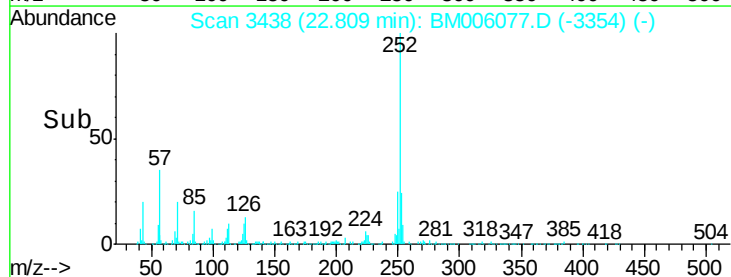
125 11.9 7.8 11.6#

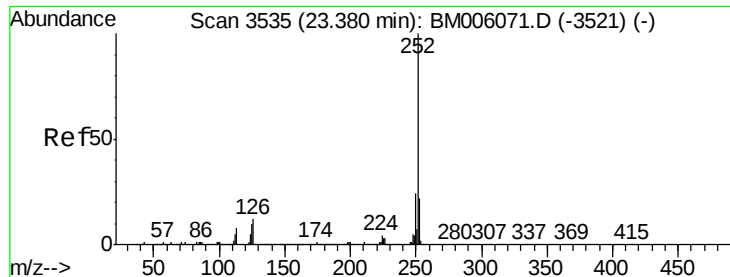


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 1.63 ng/ul

RT: 23.37 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BM006077.D

Acq: 27 Jun 2016 19:33

Instrument :

BNA_M

ClientSampleId :

D9Y79

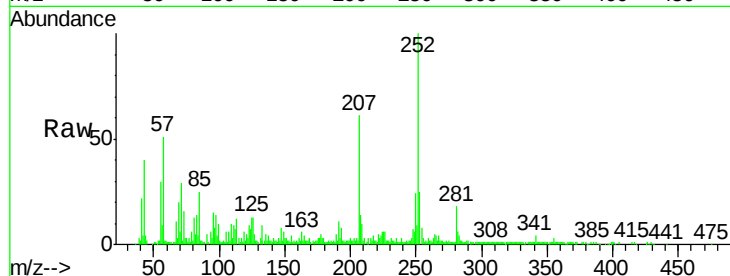
Tgt Ion:252 Resp: 145499

Ion Ratio Lower Upper

252 100

253 25.3 17.8 26.6

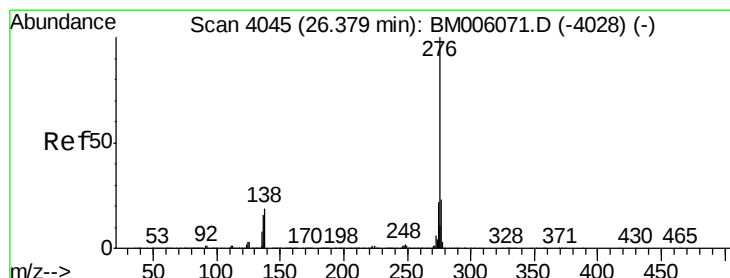
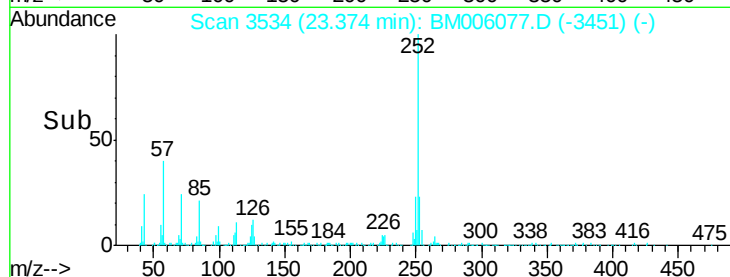
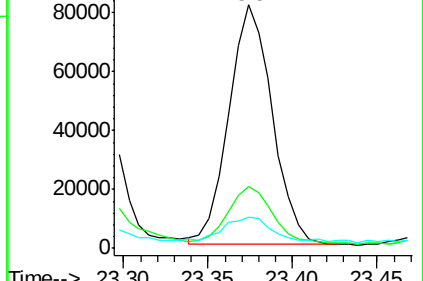
125 12.7 8.7 13.1



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



#41

Benzo(g,h,i)perylene

Concen: 1.07 ng/ul

RT: 26.38 min Scan# 4045

Delta R.T. -0.02 min

Lab File: BM006077.D

Acq: 27 Jun 2016 19:33

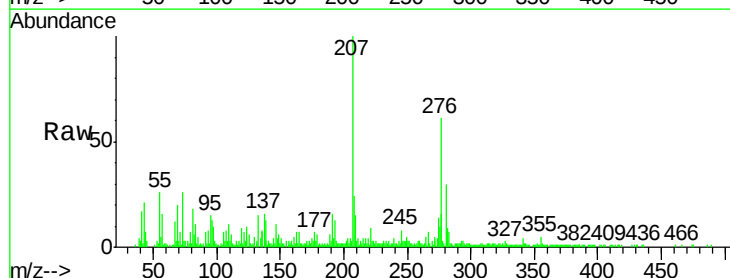
Tgt Ion:276 Resp: 98463

Ion Ratio Lower Upper

276 100

138 21.6 16.6 25.0

277 27.2 18.9 28.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

