

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
 Data File : BM006069.D
 Acq On : 27 Jun 2016 13:33
 Operator : UM/SJ
 Sample : H3669-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y58

Quant Time: Jun 28 02:12:19 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	198345	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1040808	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	695567	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1740159	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1936641	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1709908	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	7312	1.65	ng/uL	0.00
3) Phenol-d5	6.83	99	302007	14.47	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	183839	15.84	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	228489	15.72	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	231812	13.16	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	116524	14.70	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	118670	13.46	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	266396	15.75	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	325144	17.72	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	915143	15.37	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1180629	17.10	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	147205	11.59	ng/ul	-0.01
21) Fluorene-d10	15.30	176	865221	17.02	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	72197	7.47	ng/ul	-0.01
26) Anthracene-d10	17.16	188	1442012	18.04	ng/ul	0.00
30) Pyrene-d10	19.46	212	1734606	20.45	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	1425138	18.46	ng/ul	0.00

Target Compounds

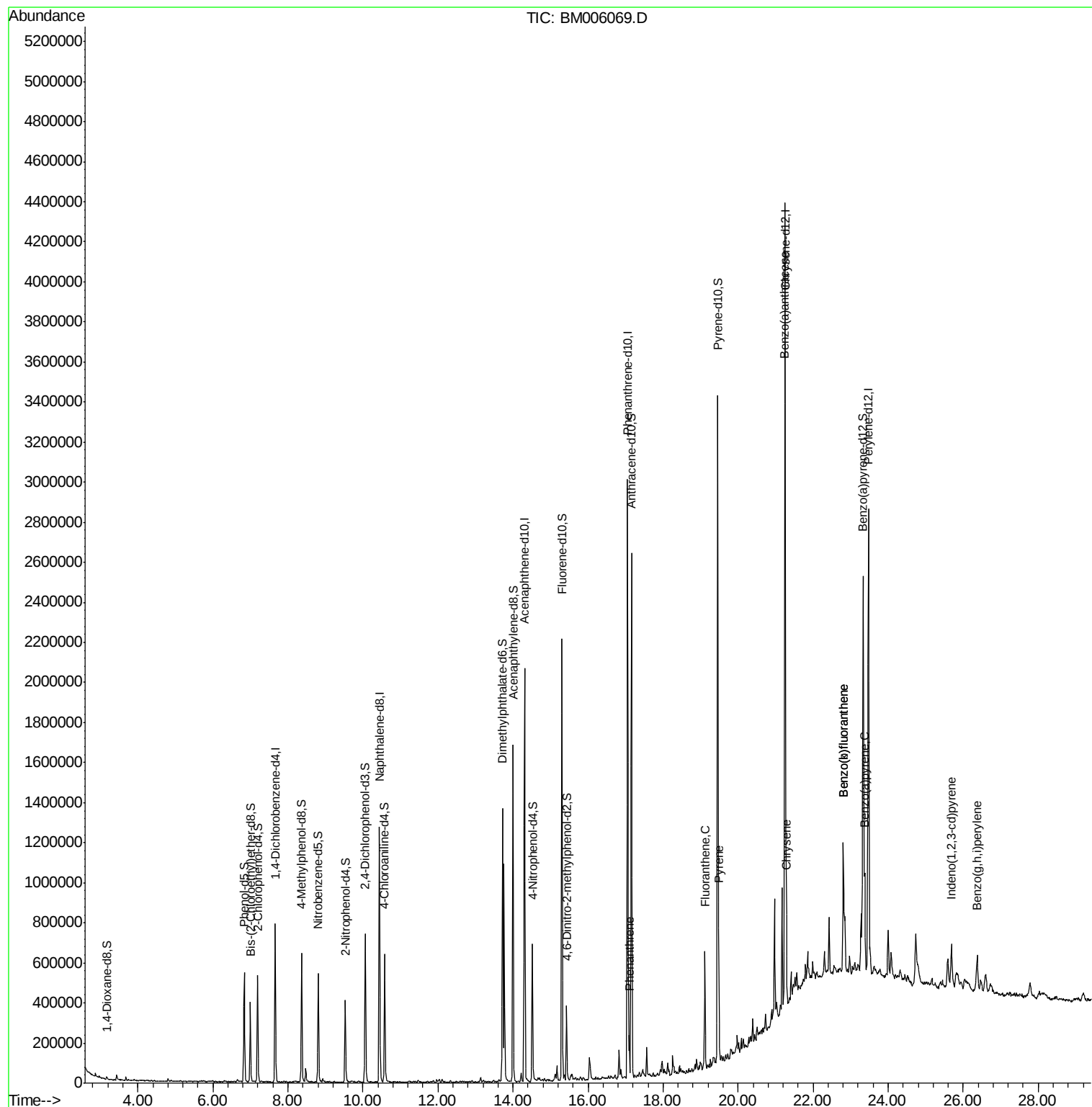
						Qvalue
25) Phenanthrene	17.10	178	121102	1.29	ng/ul	97
28) Fluoranthene	19.12	202	347084	2.90	ng/ul	100
31) Pyrene	19.49	202	341850	3.08	ng/ul	96
32) Benzo(a)anthracene	21.24	228	210893	1.83	ng/ul	95
33) Chrysene	21.29	228	266417	2.54	ng/ul	98
35) Benzo(b)fluoranthene	22.81	252	442642	4.46	ng/ul	96
36) Benzo(k)fluoranthene	22.81	252	442642	4.79	ng/ul	97
38) Benzo(a)pyrene	23.37	252	294620	3.09	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.69	276	216445	1.91	ng/ul#	93
41) Benzo(g,h,i)perylene	26.37	276	212628	2.16	ng/ul	97

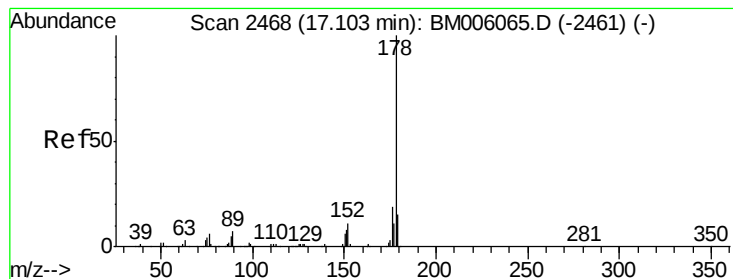
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Phenanthrene

Concen: 1.29 ng/ul

RT: 17.10 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BM006069.D

Acq: 27 Jun 2016 13:33

Instrument :

BNA_M

ClientSampleId :

D9Y58

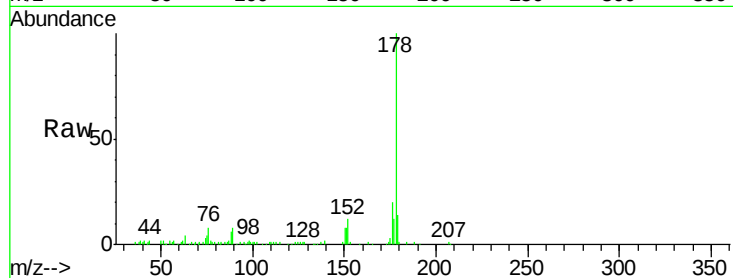
Tgt Ion:178 Resp: 121102

Ion Ratio Lower Upper

178 100

179 13.9 12.2 18.2

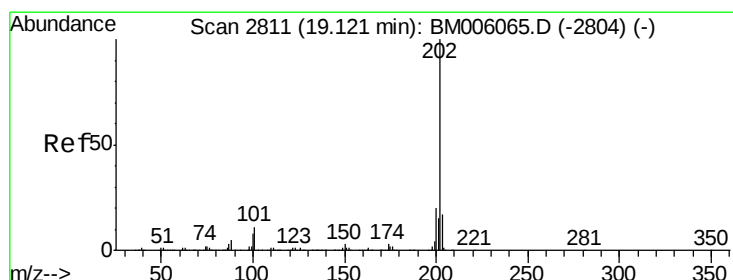
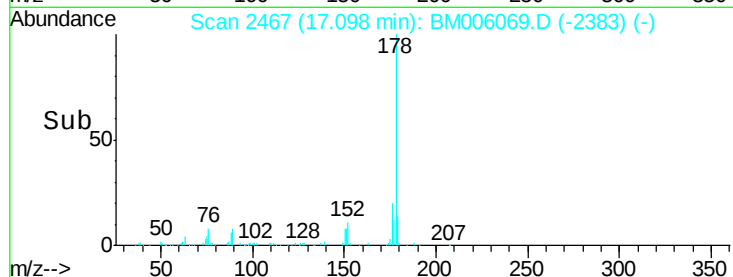
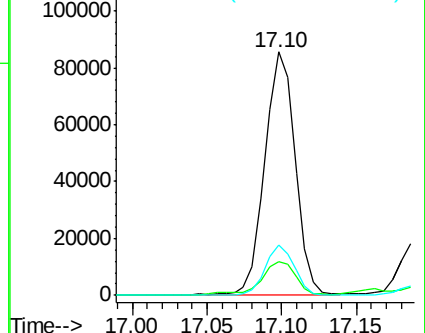
176 20.5 15.3 22.9



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: 2.90 ng/ul

RT: 19.12 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BM006069.D

Acq: 27 Jun 2016 13:33

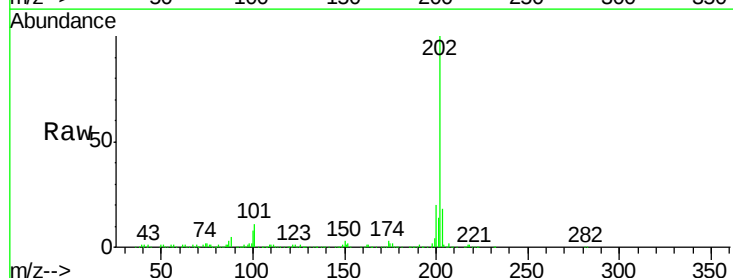
Tgt Ion:202 Resp: 347084

Ion Ratio Lower Upper

202 100

101 10.8 8.5 12.7

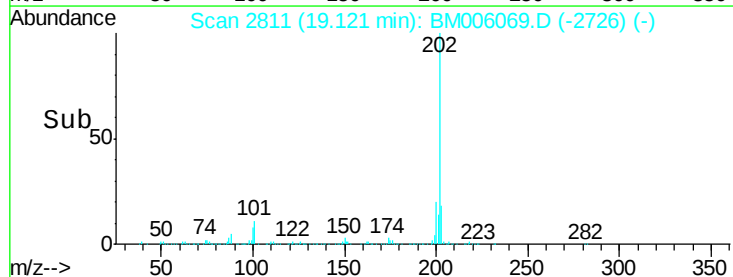
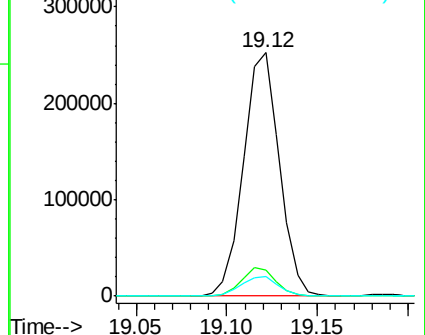
100 8.0 6.5 9.7

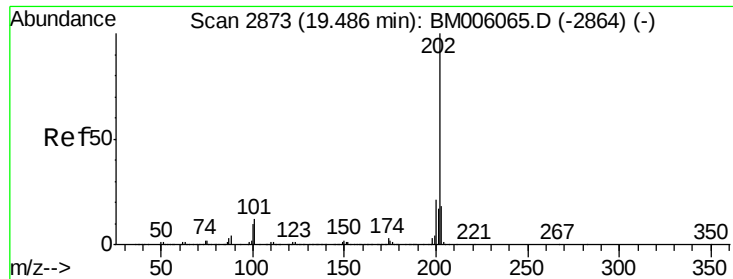


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

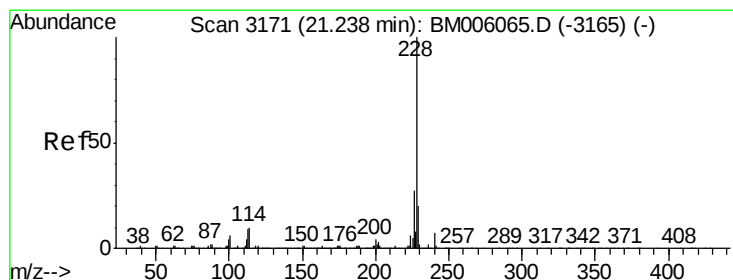
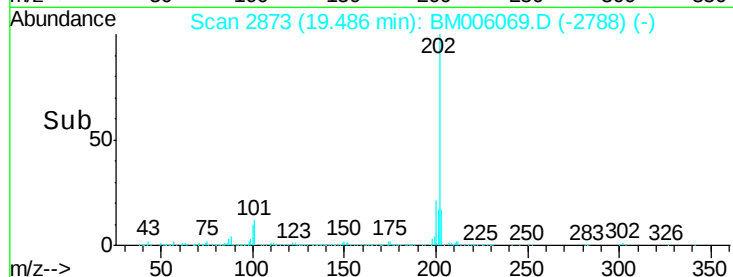
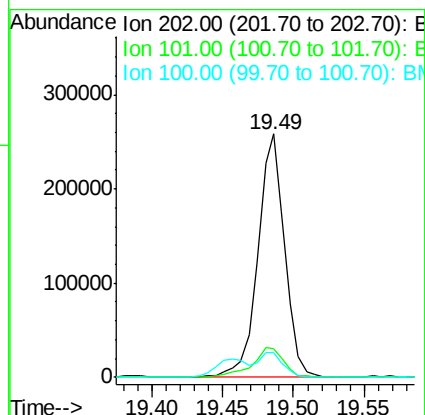
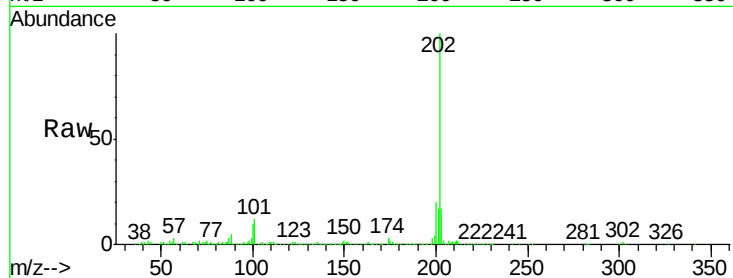




#31
 Pyrene
 Concen: 3.08 ng/ul
 RT: 19.49 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BM006069.D
 Acq: 27 Jun 2016 13:33

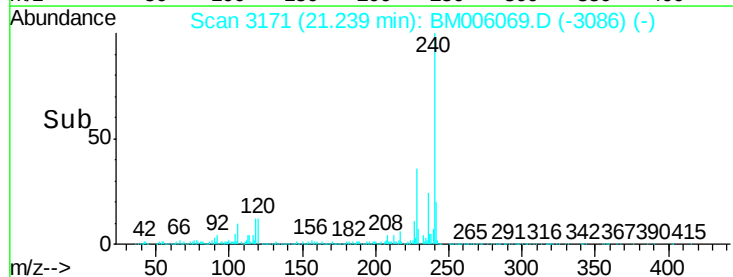
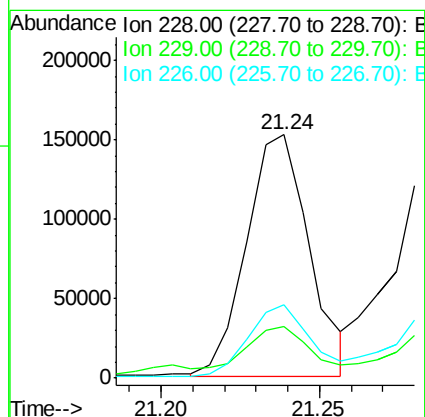
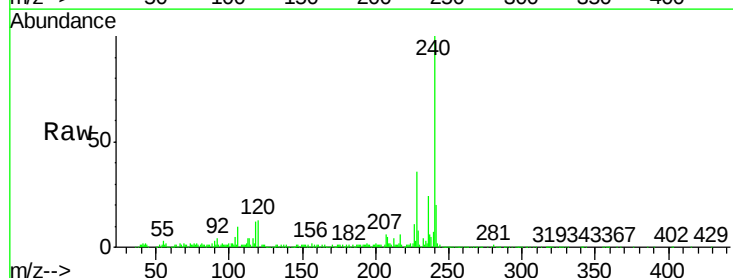
Instrument :
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 D9Y58

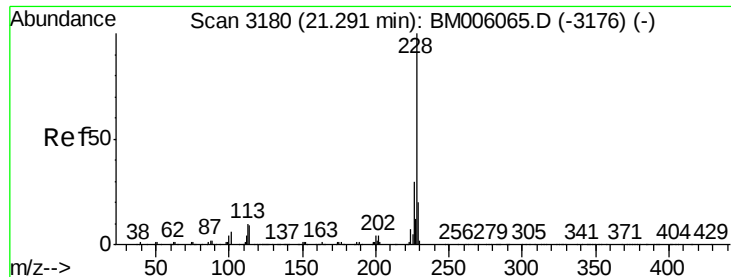
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.0	16.4
100	9.9	8.9	13.3



#32
 Benzo(a)anthracene
 Concen: 1.83 ng/ul
 RT: 21.24 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: BM006069.D
 Acq: 27 Jun 2016 13:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	30.0	21.6	32.4





#33

Chrysene

Concen: 2.54 ng/ul

RT: 21.29 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BM006069.D

Acq: 27 Jun 2016 13:33

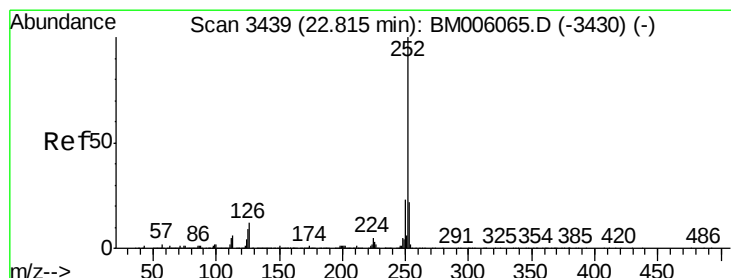
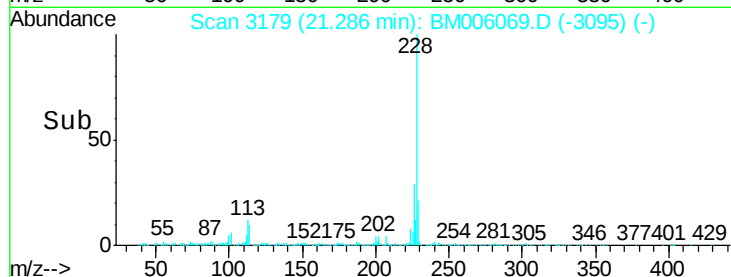
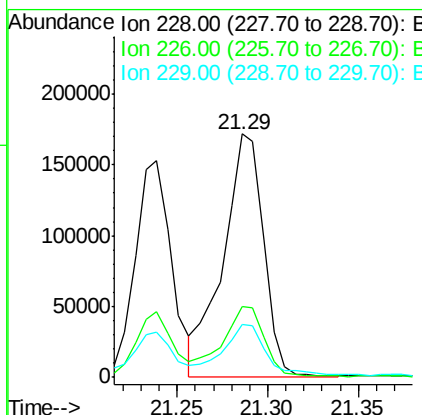
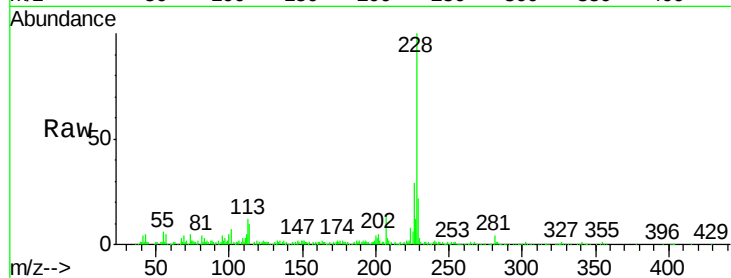
Instrument :

BNA_M

ClientSampleId :

D9Y58

Tgt Ion:	228	Resp:	266417
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.8	35.6
229	21.8	15.8	23.6



#35

Benzo(b)fluoranthene

Concen: 4.46 ng/ul

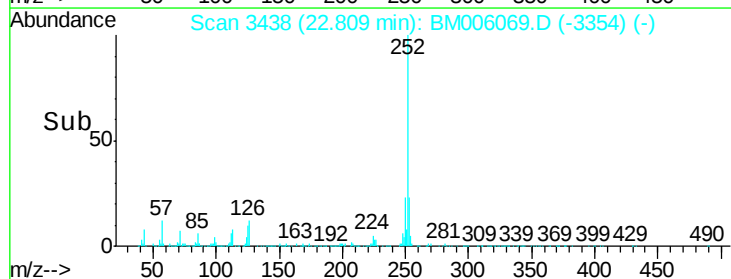
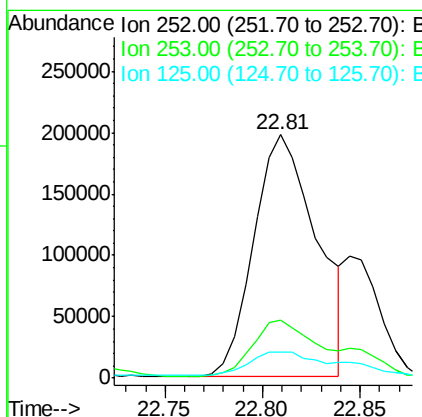
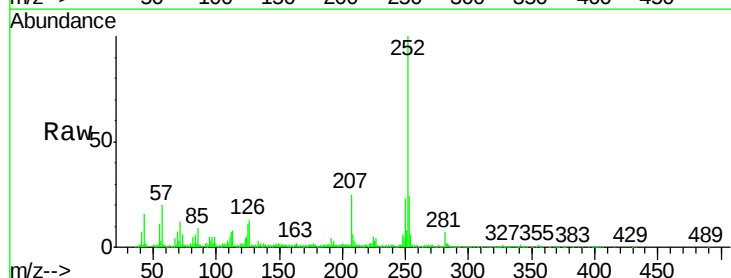
RT: 22.81 min Scan# 3438

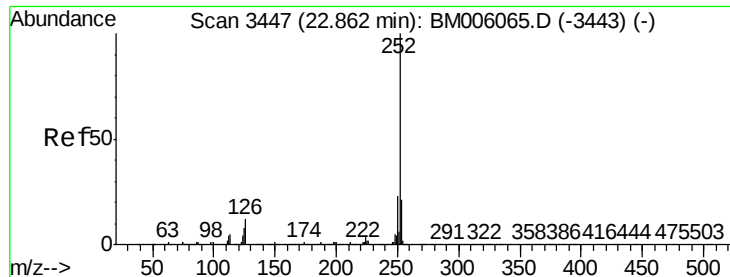
Delta R.T. -0.01 min

Lab File: BM006069.D

Acq: 27 Jun 2016 13:33

Tgt Ion:	252	Resp:	442642
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.2	25.8
125	10.9	7.8	11.6





#36

Benzo(k)fluoranthene

Concen: 4.79 ng/ul

RT: 22.81 min Scan# 3438

Delta R.T. -0.05 min

Lab File: BM006069.D

Acq: 27 Jun 2016 13:33

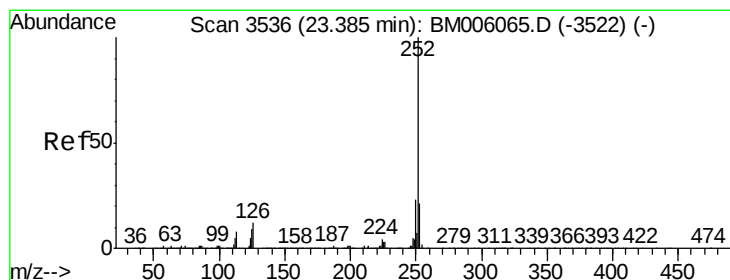
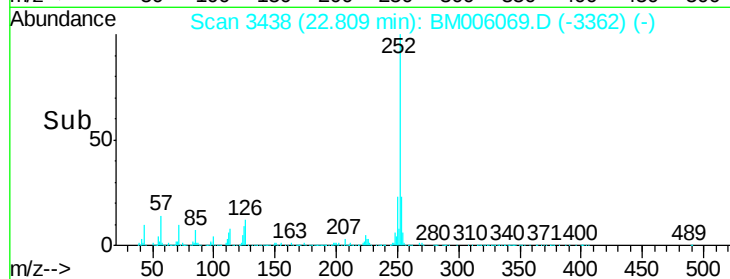
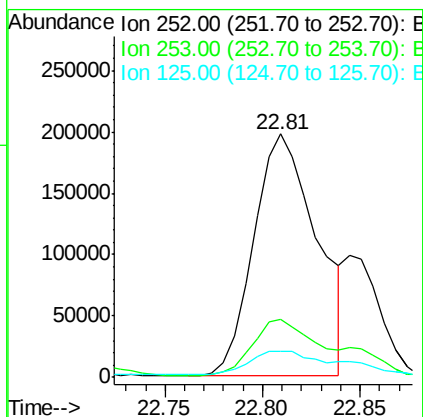
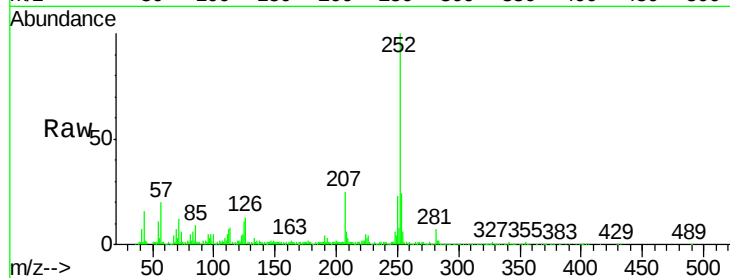
Instrument :

BNA_M

ClientSampleId :

D9Y58

Tgt Ion:	252	Resp:	442642
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	10.9	8.1	12.1



#38

Benzo(a)pyrene

Concen: 3.09 ng/ul

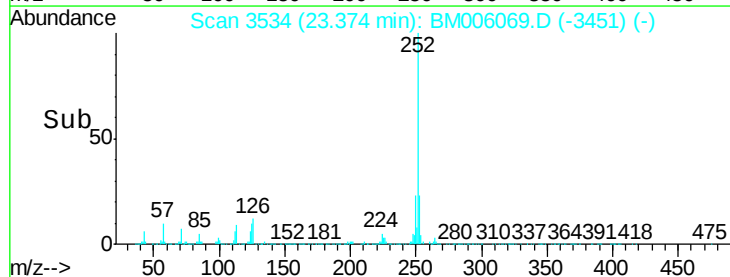
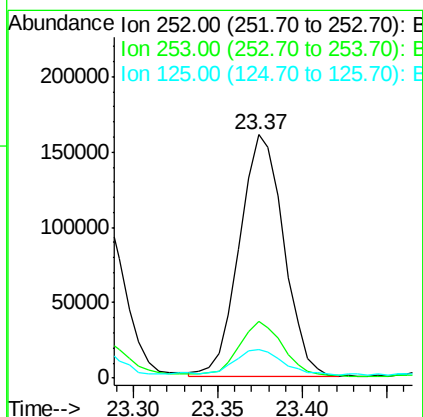
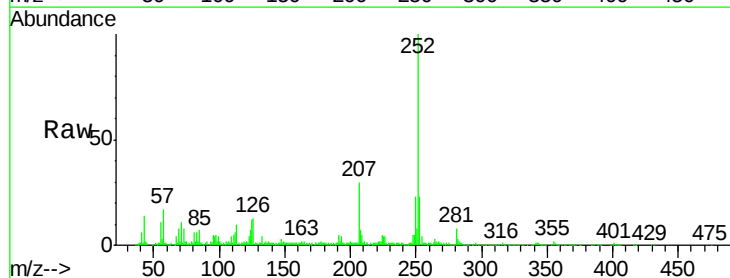
RT: 23.37 min Scan# 3534

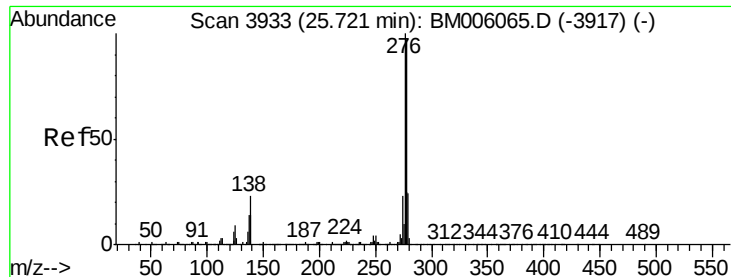
Delta R.T. -0.01 min

Lab File: BM006069.D

Acq: 27 Jun 2016 13:33

Tgt Ion:	252	Resp:	294620
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	11.7	8.7	13.1





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.91 ng/ul

RT: 25.69 min Scan# 3928

Delta R.T. -0.03 min

Lab File: BM006069.D

Acq: 27 Jun 2016 13:33

Instrument :

BNA_M

ClientSampleId :

D9Y58

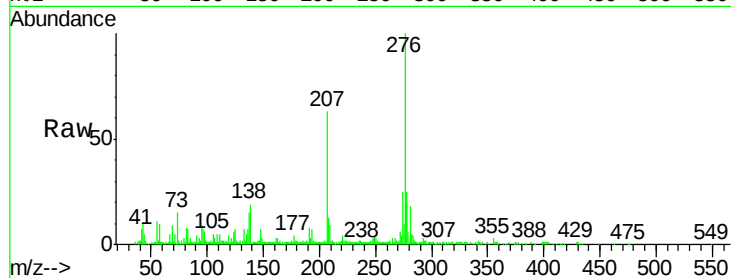
Tgt Ion:276 Resp: 216445

Ion Ratio Lower Upper

276 100

138 18.7 20.4 30.6#

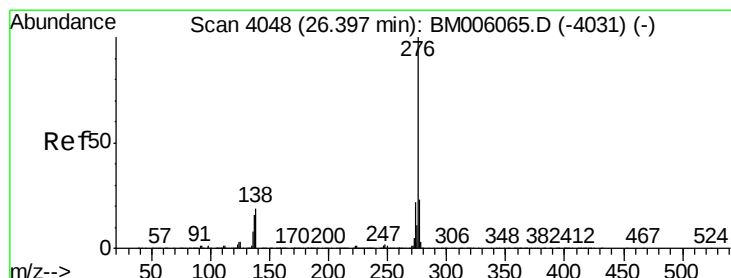
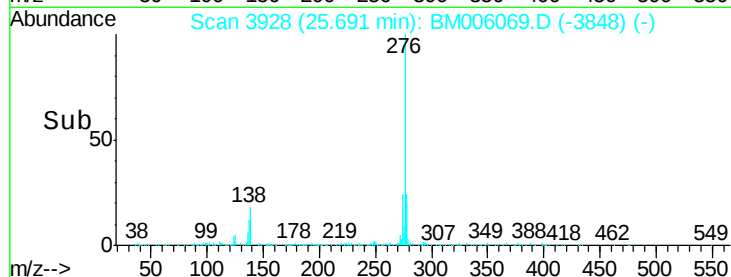
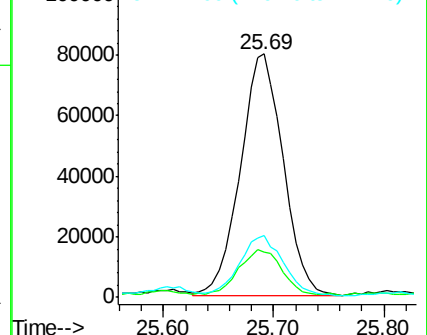
277 25.2 20.6 30.8



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



#41

Benzo(g,h,i)perylene

Concen: 2.16 ng/ul

RT: 26.37 min Scan# 4044

Delta R.T. -0.02 min

Lab File: BM006069.D

Acq: 27 Jun 2016 13:33

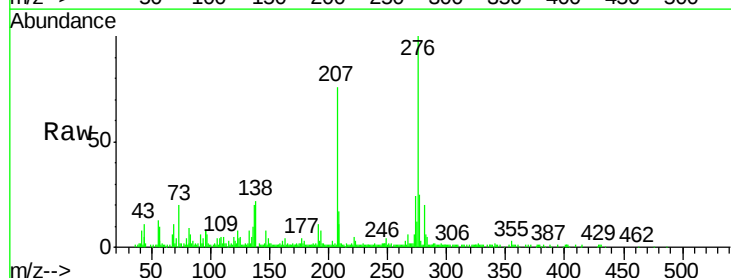
Tgt Ion:276 Resp: 212628

Ion Ratio Lower Upper

276 100

138 22.1 16.6 25.0

277 25.1 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

