

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
 Data File : BM006066.D
 Acq On : 27 Jun 2016 11:37
 Operator : UM/SJ
 Sample : H3669-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YN4

Quant Time: Jun 28 02:11:50 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	204541	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	982941	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	612308	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1454258	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1489708	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1341703	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	7551	1.65	ng/uL	0.00
3) Phenol-d5	6.83	99	468824	21.79	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	290769	24.29	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	358533	23.92	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	374301	20.61	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	192954	25.78	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	176123	21.15	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	392897	24.60	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	165266	9.54	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	935643	17.85	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1715323	28.21	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	164811	14.74	ng/ul	-0.01
21) Fluorene-d10	15.30	176	1234466	27.58	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	50712	6.28	ng/ul	-0.01
26) Anthracene-d10	17.16	188	2001514	29.96	ng/ul	0.00
30) Pyrene-d10	19.46	212	2247047	34.43	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	1804967	29.80	ng/ul	0.00

Target Compounds

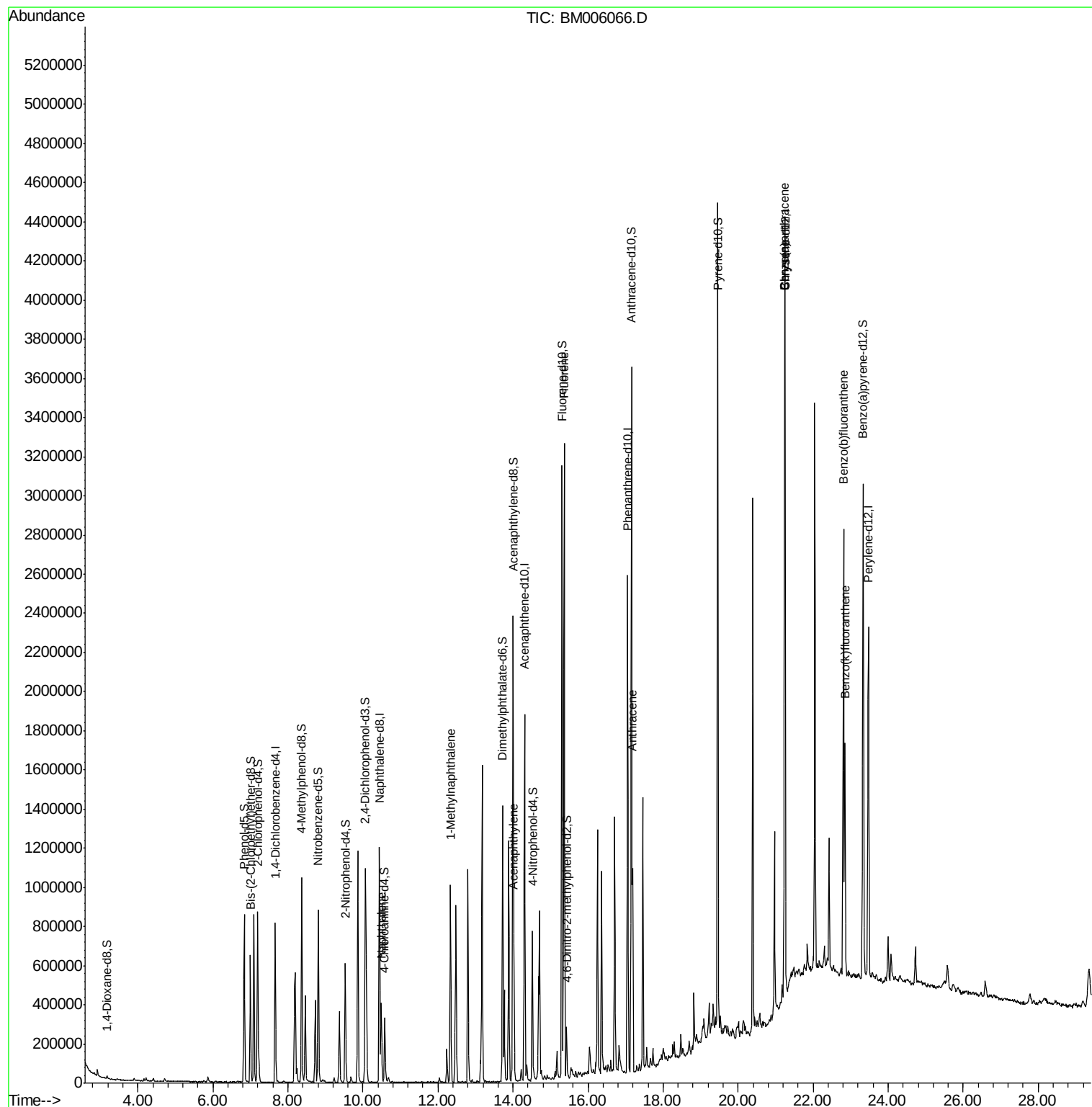
						Qvalue
11) Naphthalene	10.49	128	314351	6.40	ng/ul	99
14) 1-Methylnaphthalene	12.33	142	464980	12.29	ng/ul	99
18) Acenaphthylene	14.03	152	442090	6.90	ng/ul	99
22) Fluorene	15.36	166	1063260	21.68	ng/ul	100
27) Anthracene	17.19	178	851381	10.54	ng/ul	99
32) Benzo(a)anthracene	21.24	228	1530665	17.30	ng/ul	100
33) Chrysene	21.24	228	1530665	18.93	ng/ul	97
35) Benzo(b)fluoranthene	22.81	252	1632069	20.94	ng/ul	99
36) Benzo(k)fluoranthene	22.85	252	746249	10.29	ng/ul	99

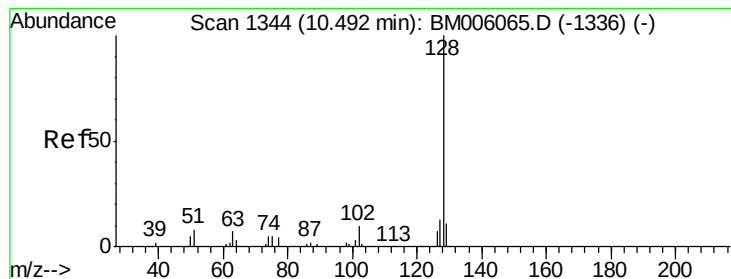
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006066.D
Acq On : 27 Jun 2016 11:37
Operator : UM/SJ
Sample : H3669-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YN4

Quant Time: Jun 28 02:11:50 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





#11

Naphthalene

Concen: 6.40 ng/ul

RT: 10.49 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BM006066.D

Acq: 27 Jun 2016 11:37

Instrument :

BNA_M

ClientSampleId :

D9YN4

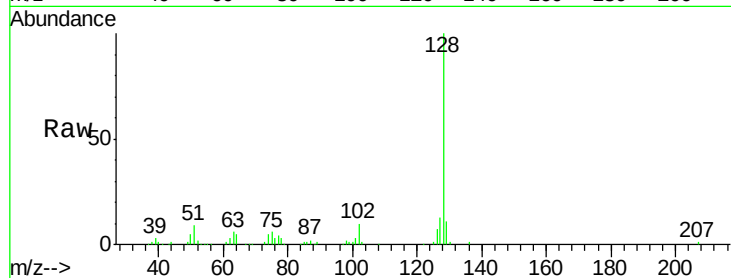
Tgt Ion:128 Resp: 314351

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

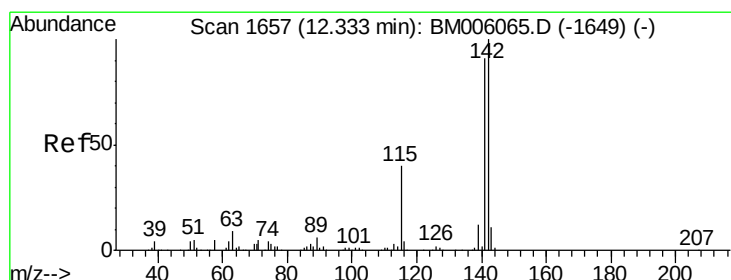
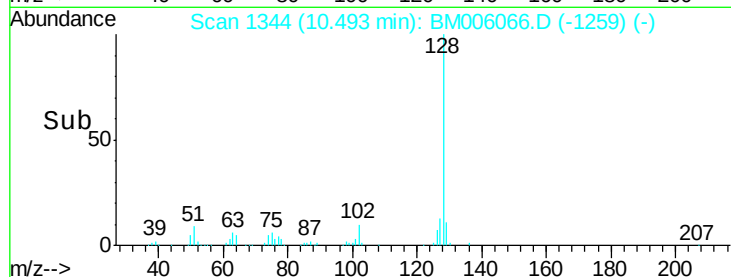
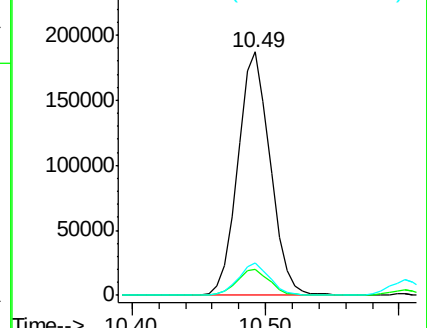
127 13.1 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#14

1-Methylnaphthalene

Concen: 12.29 ng/ul

RT: 12.33 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BM006066.D

Acq: 27 Jun 2016 11:37

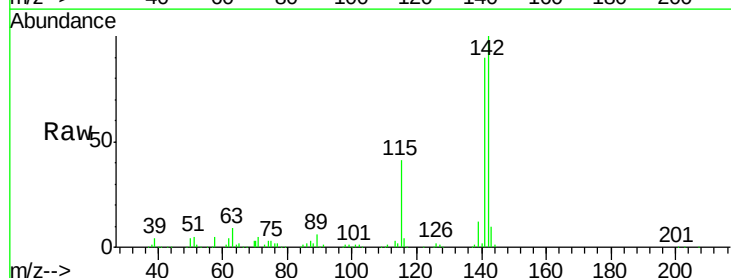
Tgt Ion:142 Resp: 464980

Ion Ratio Lower Upper

142 100

141 90.3 73.0 109.4

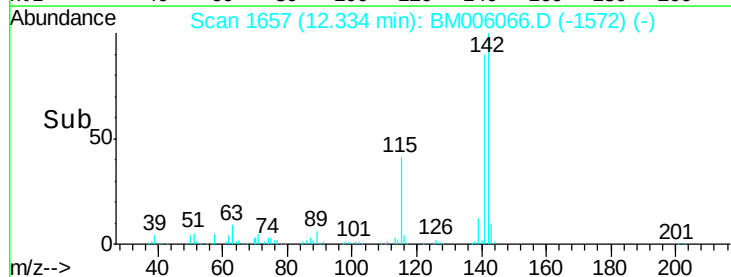
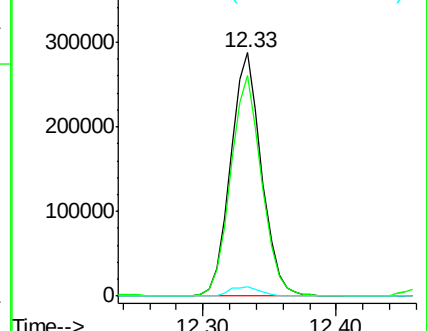
116 4.1 3.0 4.6

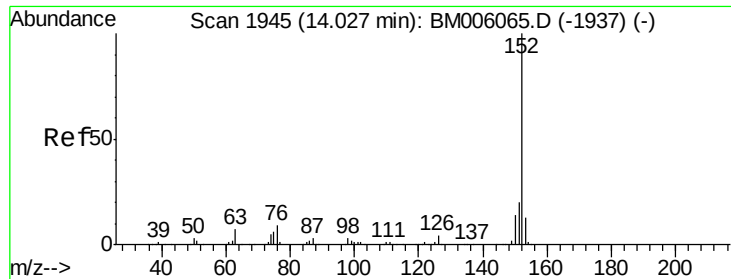


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#18

Acenaphthylene

Concen: 6.90 ng/ul

RT: 14.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BM006066.D

Acq: 27 Jun 2016 11:37

Instrument :

BNA_M

ClientSampleId :

D9YN4

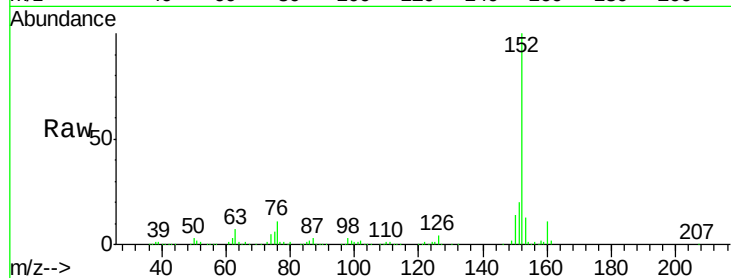
Tgt Ion:152 Resp: 442090

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

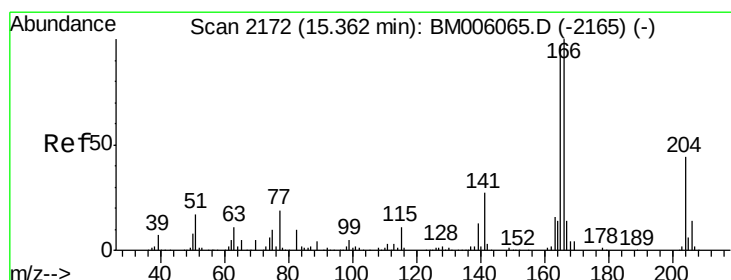
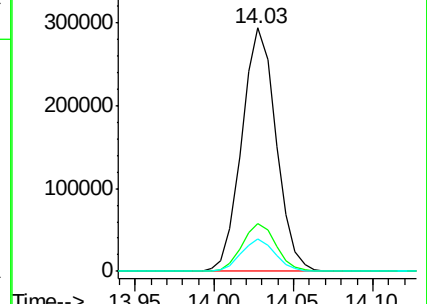
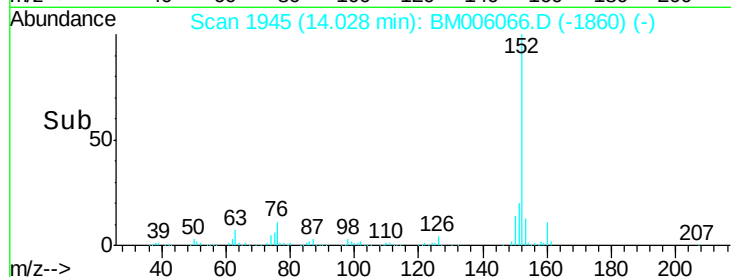
153 13.2 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#22

Fluorene

Concen: 21.68 ng/ul

RT: 15.36 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM006066.D

Acq: 27 Jun 2016 11:37

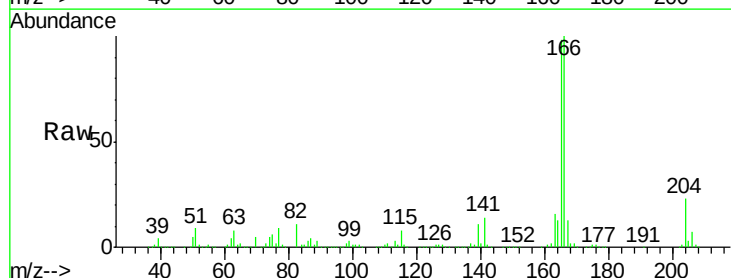
Tgt Ion:166 Resp: 1063260

Ion Ratio Lower Upper

166 100

165 97.7 78.4 117.6

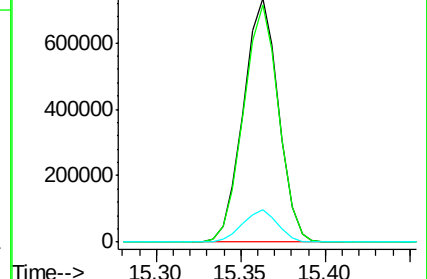
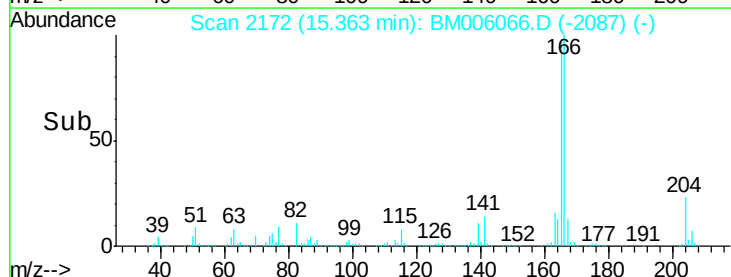
167 13.3 10.6 16.0

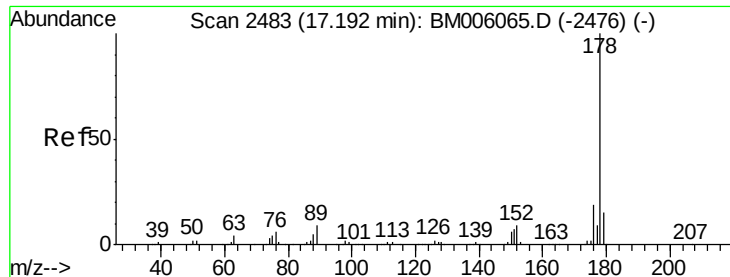


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

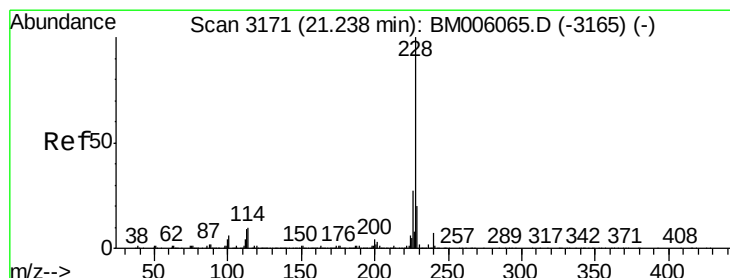
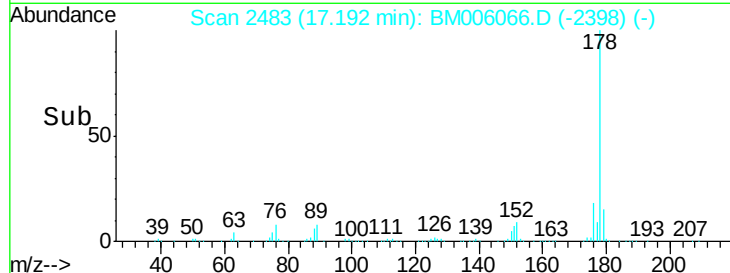
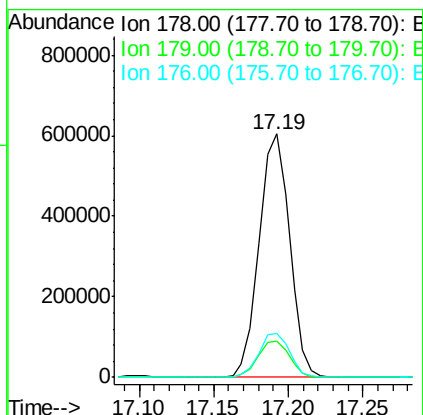
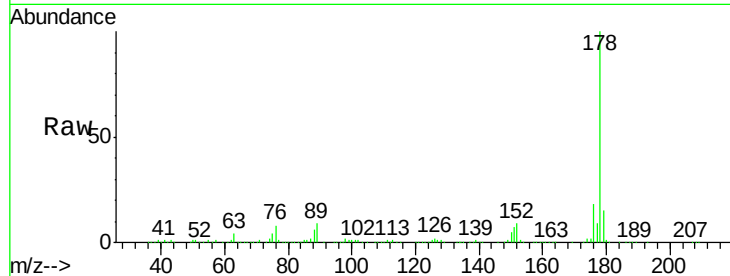




#27
 Anthracene
 Concen: 10.54 ng/ul
 RT: 17.19 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BM006066.D
 Acq: 27 Jun 2016 11:37

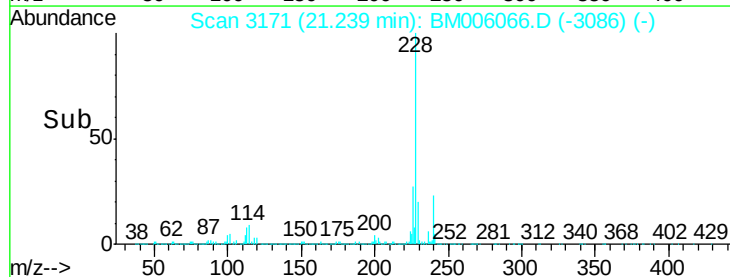
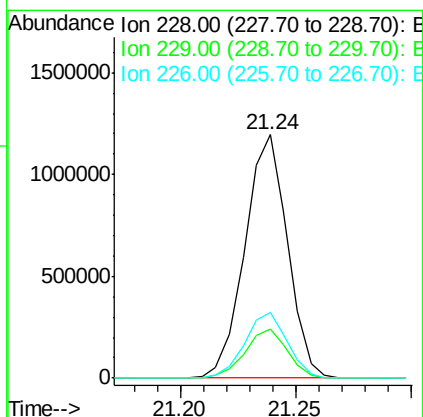
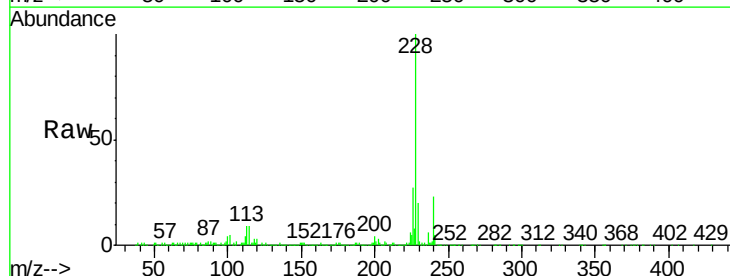
Instrument :
 BNA_M
 ClientSampleId :
 D9YN4

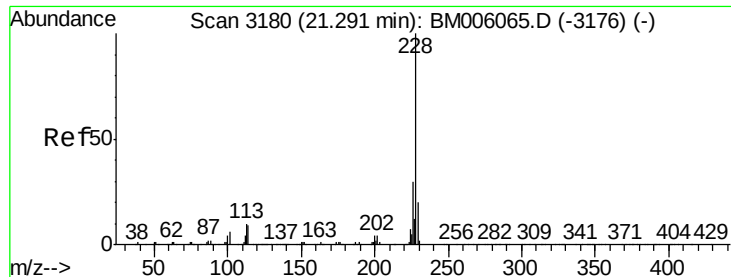
Tgt Ion:178 Resp: 851381
 Ion Ratio Lower Upper
 178 100
 179 14.8 12.3 18.5
 176 18.3 14.6 22.0



#32
 Benzo(a)anthracene
 Concen: 17.30 ng/ul
 RT: 21.24 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: BM006066.D
 Acq: 27 Jun 2016 11:37

Tgt Ion:228 Resp: 1530665
 Ion Ratio Lower Upper
 228 100
 229 19.9 15.6 23.4
 226 27.1 21.6 32.4





#33

Chrysene

Concen: 18.93 ng/ul

RT: 21.24 min Scan# 3171

Delta R.T. -0.05 min

Lab File: BM006066.D

Acq: 27 Jun 2016 11:37

Instrument :

BNA_M

ClientSampleId :

D9YN4

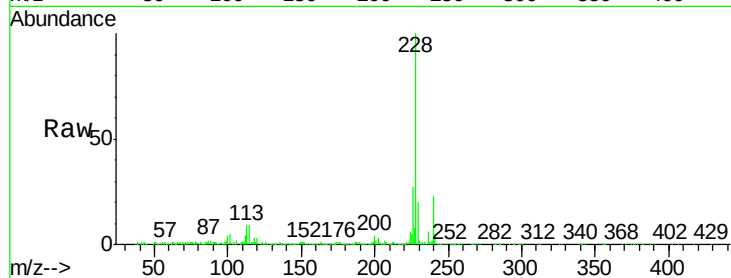
Tgt Ion:228 Resp: 1530665

Ion Ratio Lower Upper

228 100

226 27.1 23.8 35.6

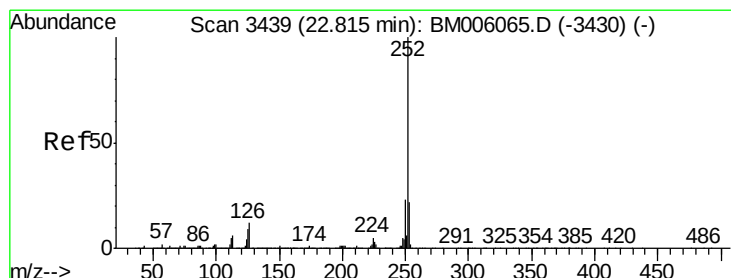
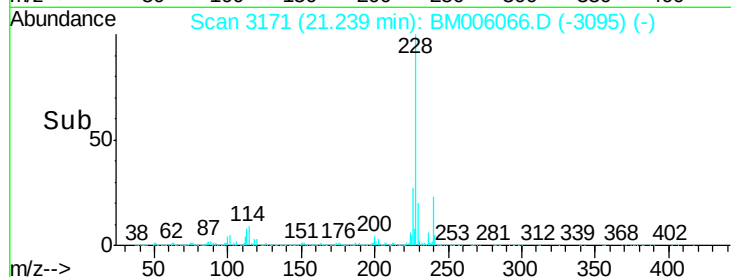
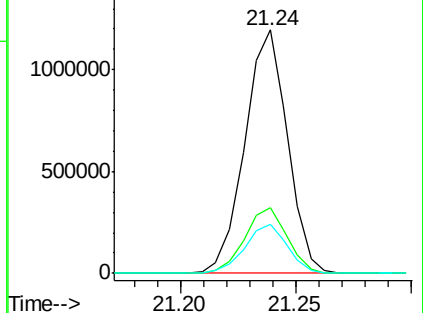
229 19.9 15.8 23.6



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: 20.94 ng/ul

RT: 22.81 min Scan# 3438

Delta R.T. -0.01 min

Lab File: BM006066.D

Acq: 27 Jun 2016 11:37

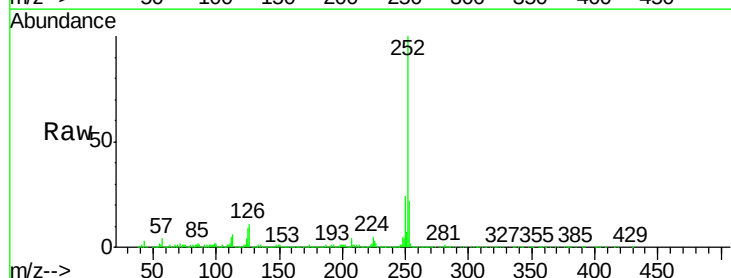
Tgt Ion:252 Resp: 1632069

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

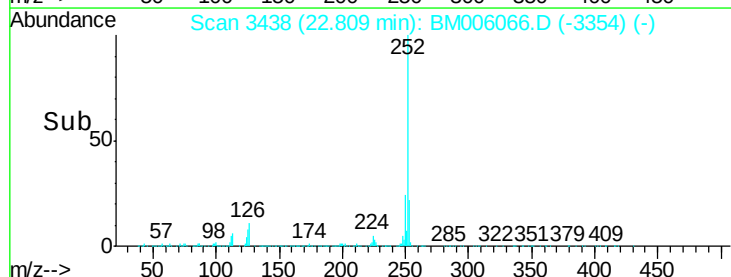
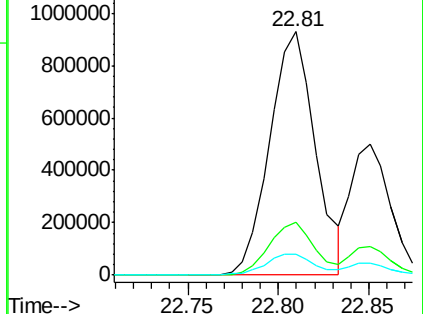
125 8.6 7.8 11.6

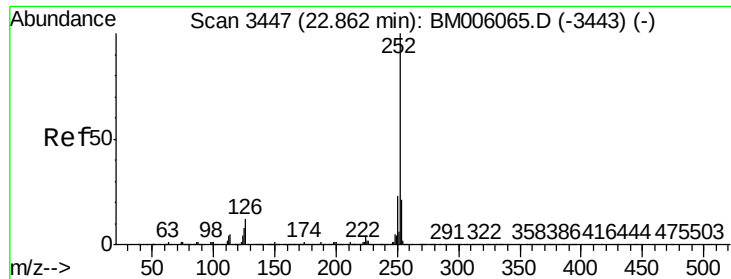


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 10.29 ng/ul

RT: 22.85 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM006066.D

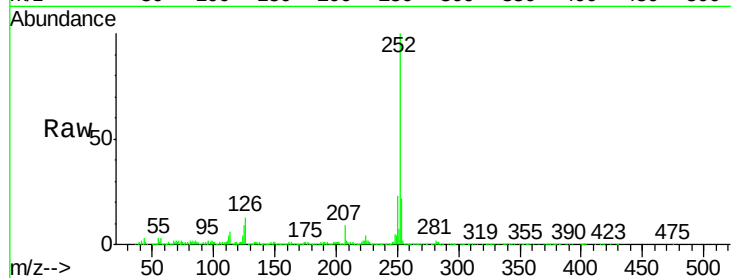
Acq: 27 Jun 2016 11:37

Instrument :

BNA_M

ClientSampleId :

D9YN4



Tgt Ion:	252	Resp:	746249
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.3	8.1	12.1

