

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
 Data File : BM006147.D
 Acq On : 30 Jun 2016 04:15
 Operator : UM/SJ
 Sample : H3777-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YB9

Quant Time: Jun 30 05:38:14 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	246267	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1145953	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	647094	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1254492	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	951893	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1027201	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	9569	1.80	ng/uL	0.00
3) Phenol-d5	6.82	99	481018	23.91	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	319067	26.90	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	375489	24.32	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	310831	19.20	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	204341	26.47	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	227673	25.77	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	393780	24.43	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	382685	30.04	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1244172	26.82	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1526520	27.12	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	165035	18.75	ng/ul	0.00
21) Fluorene-d10	15.30	176	1020816	25.79	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	145070	32.65	ng/ul	0.00
26) Anthracene-d10	17.15	188	1359590	27.02	ng/ul	0.00
30) Pyrene-d10	19.45	212	1208570	31.53	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1110166	27.16	ng/ul	0.00

Target Compounds

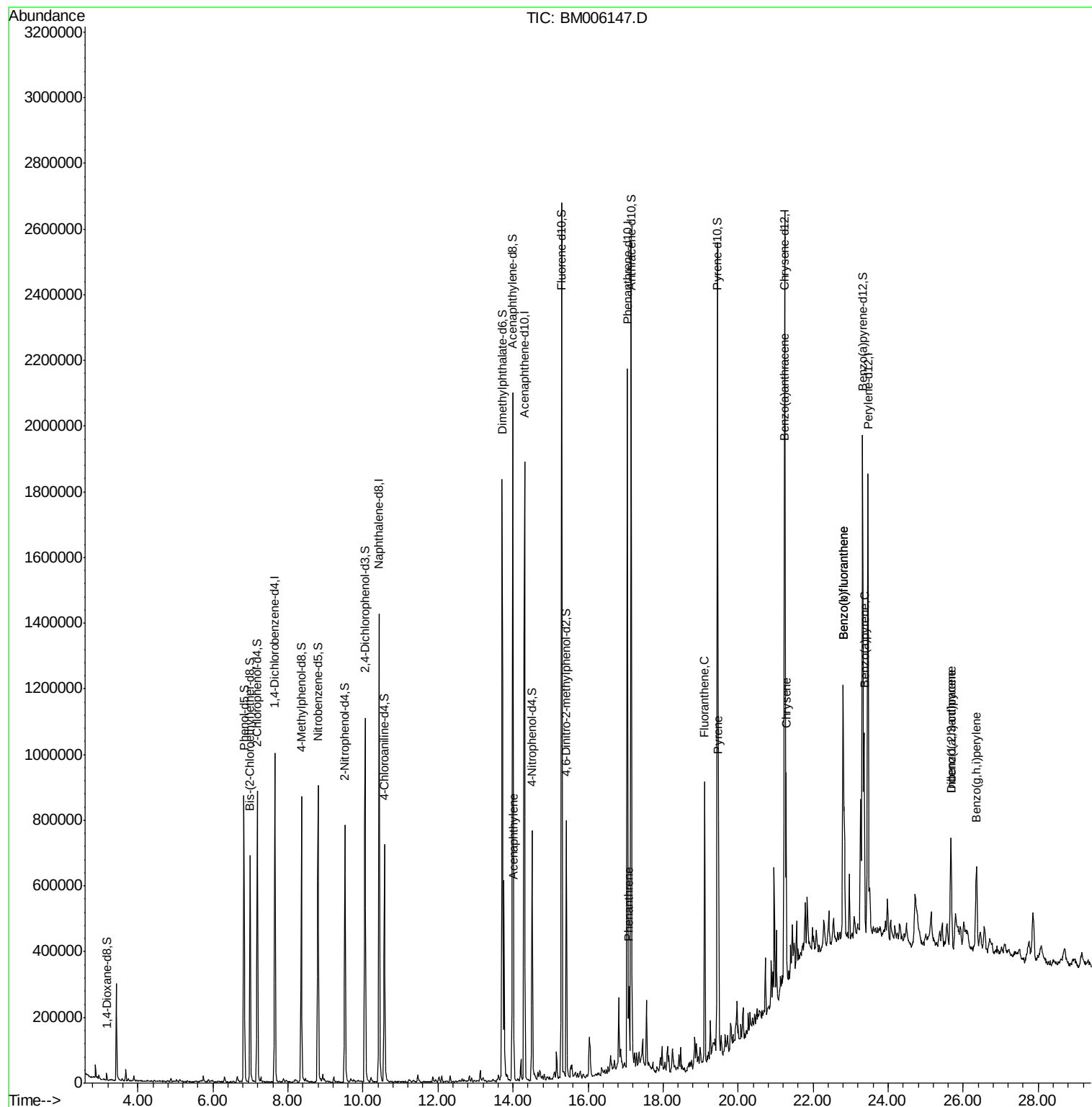
						Qvalue
18) Acenaphthylene	14.02	152	97329	1.65	ng/ul	99
25) Phenanthrene	17.09	178	140265	2.36	ng/ul	99
28) Fluoranthene	19.11	202	511950	7.04	ng/ul	99
31) Pyrene	19.48	202	428817	8.54	ng/ul	97
32) Benzo(a)anthracene	21.23	228	372974	7.54	ng/ul	94
33) Chrysene	21.28	228	365017	8.01	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	826898	15.51	ng/ul	97
36) Benzo(k)fluoranthene	22.80	252	826898	16.53	ng/ul	98
38) Benzo(a)pyrene	23.36	252	403630	8.01	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.67	276	336503	6.43	ng/ul#	93
40) Dibenzo(a,h)anthracene	25.68	278	89366	2.06	ng/ul	95
41) Benzo(g,h,i)perylene	26.36	276	309454	7.06	ng/ul	98

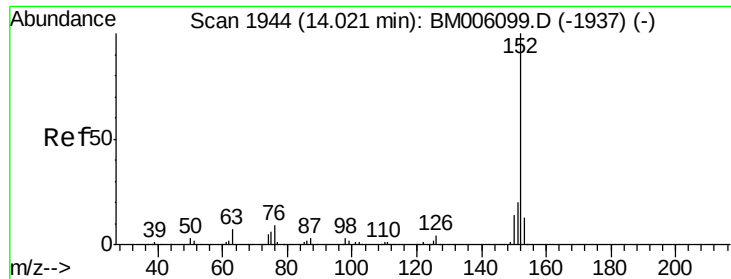
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 29 00:57:09 2016
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#18

Acenaphthylene

Concen: 1.65 ng/ul

RT: 14.02 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BM006147.D

Acq: 30 Jun 2016 04:15

Instrument :

BNA_M

ClientSampleId :

D9YB9

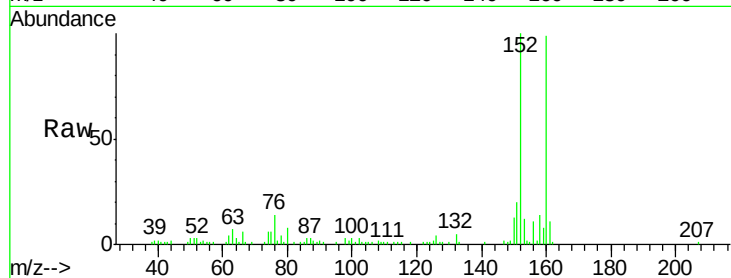
Tgt Ion:152 Resp: 97329

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

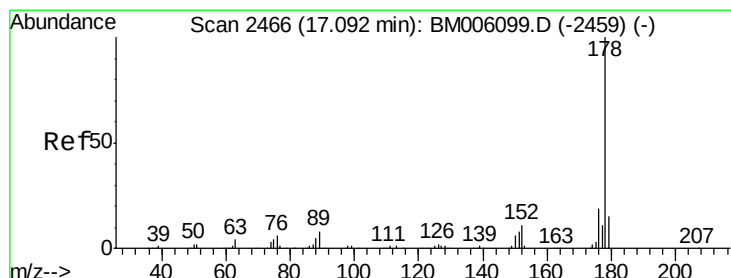
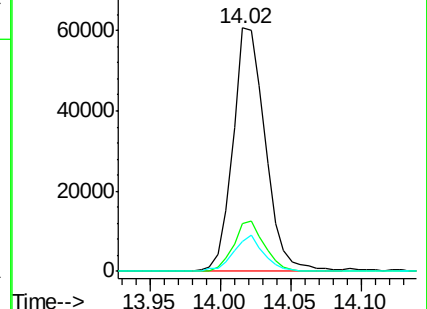
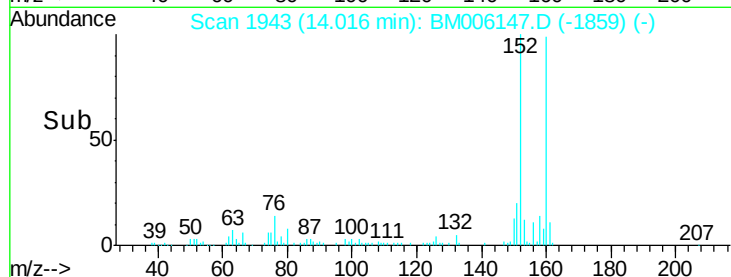
153 12.3 10.3 15.5



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



#25

Phenanthrene

Concen: 2.36 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BM006147.D

Acq: 30 Jun 2016 04:15

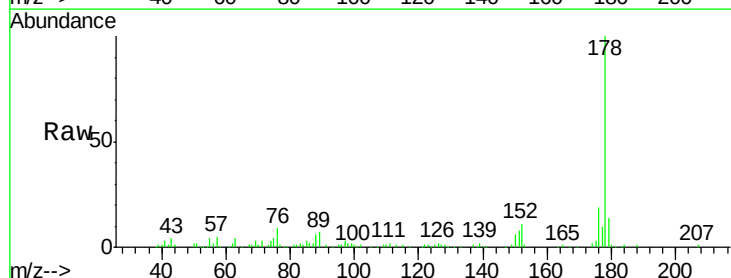
Tgt Ion:178 Resp: 140265

Ion Ratio Lower Upper

178 100

179 14.3 12.2 18.2

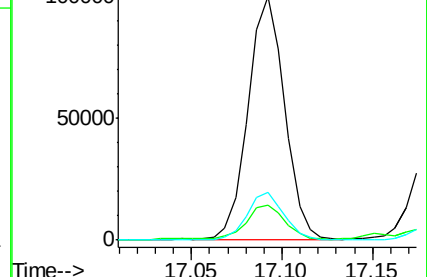
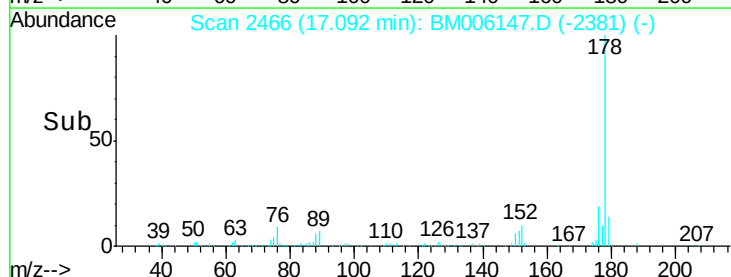
176 19.4 15.3 22.9

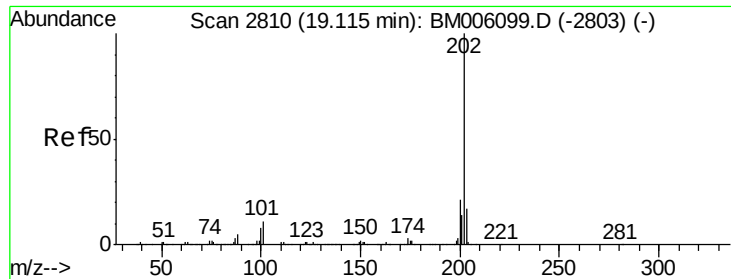


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#28

Fluoranthene

Concen: 7.04 ng/ul

RT: 19.11 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM006147.D

Acq: 30 Jun 2016 04:15

Instrument :

BNA_M

ClientSampleId :

D9YB9

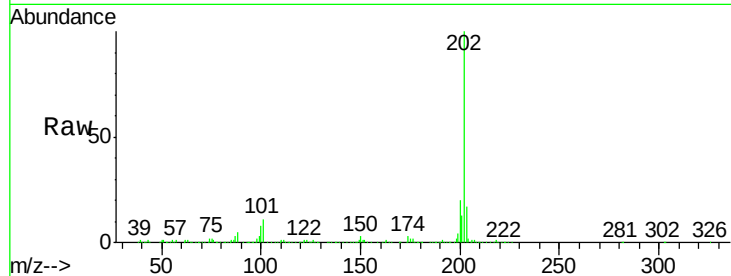
Tgt Ion:202 Resp: 511950

Ion Ratio Lower Upper

202 100

101 10.9 8.5 12.7

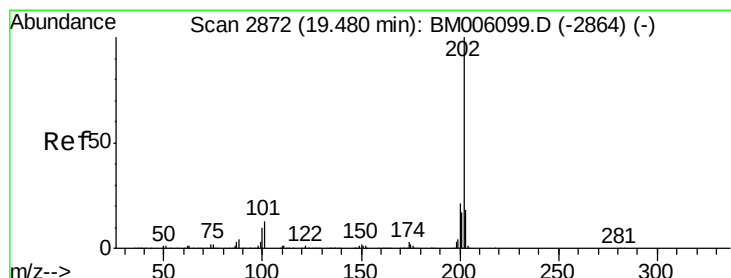
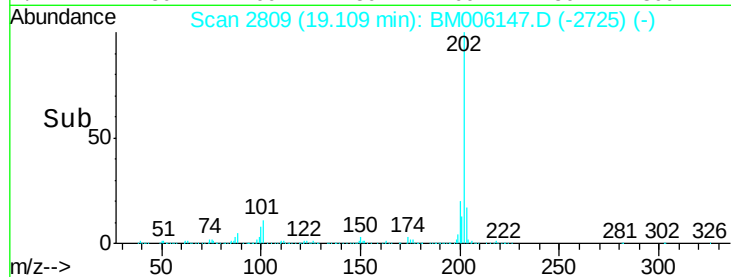
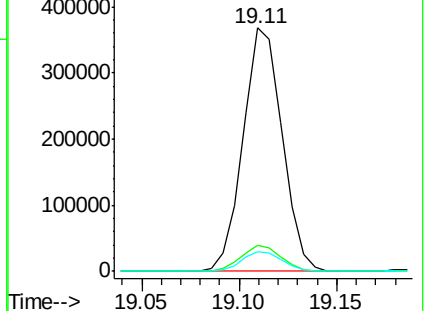
100 8.0 6.5 9.7



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: 8.54 ng/ul

RT: 19.48 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BM006147.D

Acq: 30 Jun 2016 04:15

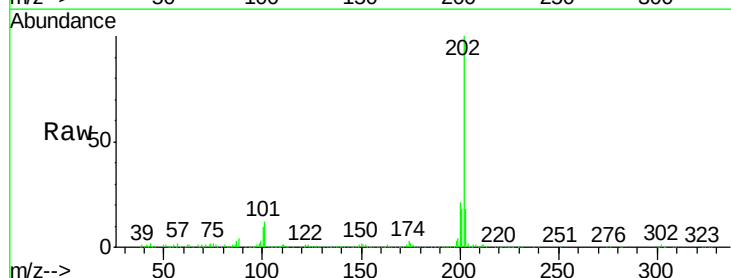
Tgt Ion:202 Resp: 428817

Ion Ratio Lower Upper

202 100

101 12.4 11.0 16.4

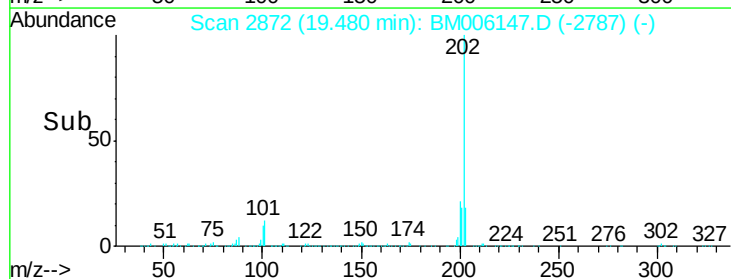
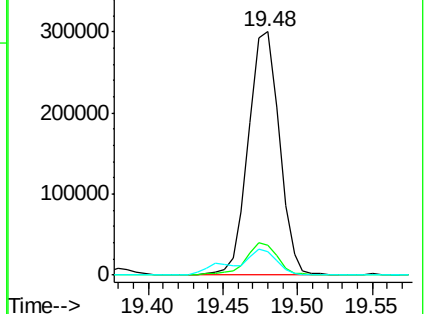
100 9.8 8.9 13.3

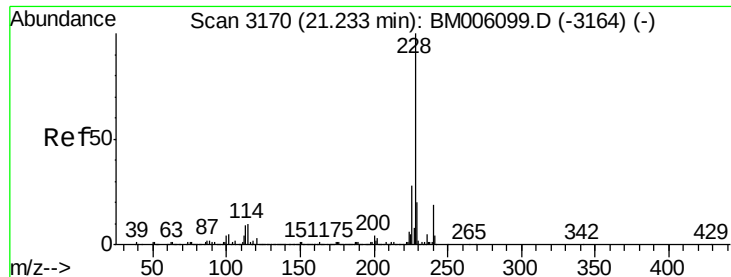


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 7.54 ng/ul

RT: 21.23 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BM006147.D

Acq: 30 Jun 2016 04:15

Instrument :

BNA_M

ClientSampleId :

D9YB9

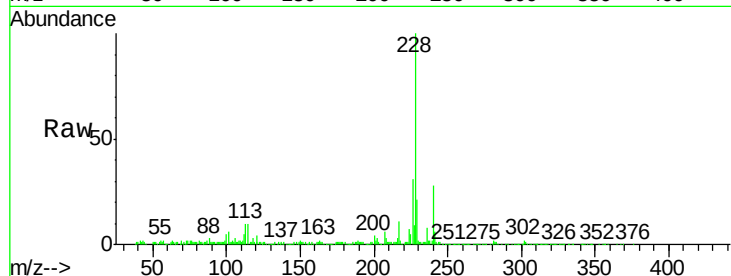
Tgt Ion:228 Resp: 372974

Ion Ratio Lower Upper

228 100

229 21.1 15.6 23.4

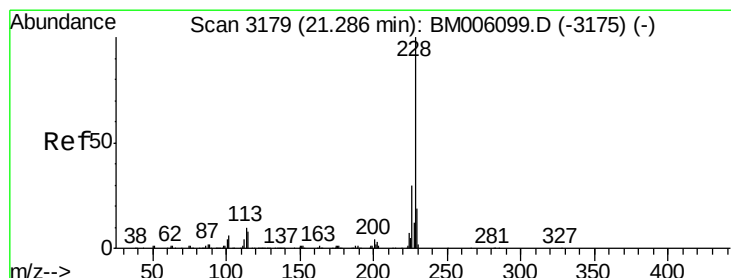
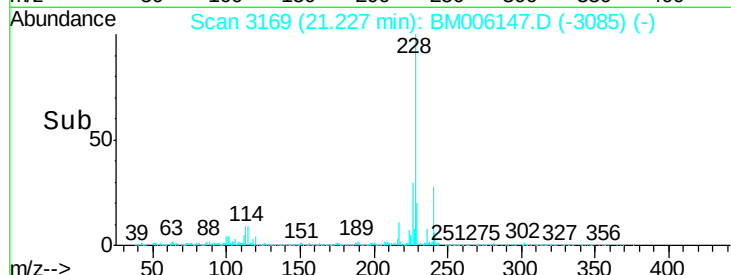
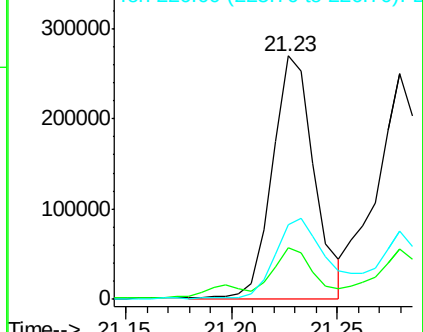
226 30.8 21.6 32.4



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: 8.01 ng/ul

RT: 21.28 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BM006147.D

Acq: 30 Jun 2016 04:15

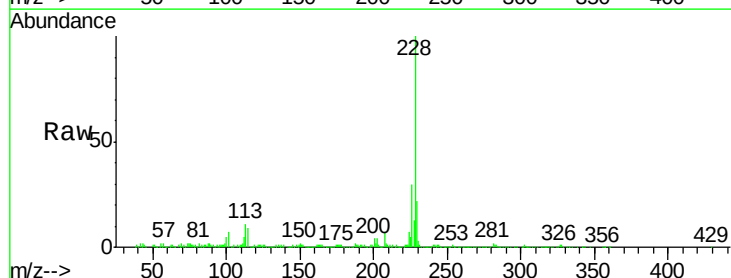
Tgt Ion:228 Resp: 365017

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

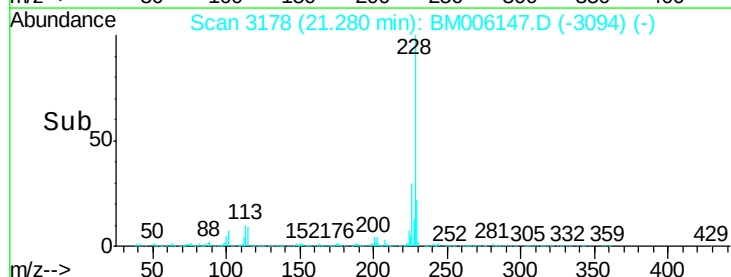
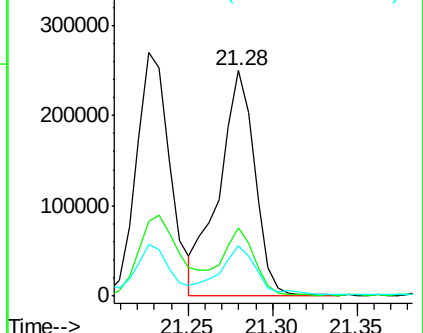
229 22.2 15.8 23.6

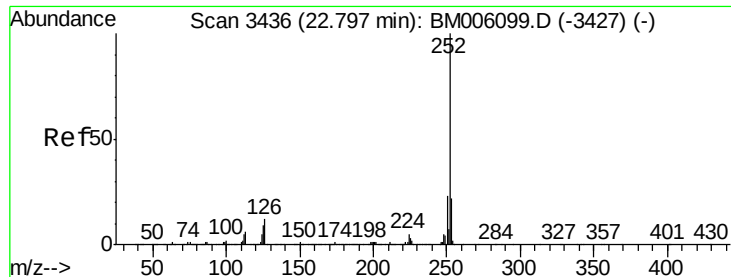


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#35

Benzo(b)fluoranthene

Concen: 15.51 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. 0.00 min

Lab File: BM006147.D

Acq: 30 Jun 2016 04:15

Instrument :

BNA_M

ClientSampleId :

D9YB9

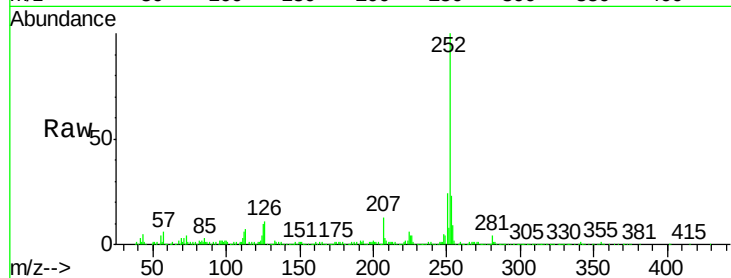
Tgt Ion:252 Resp: 826898

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

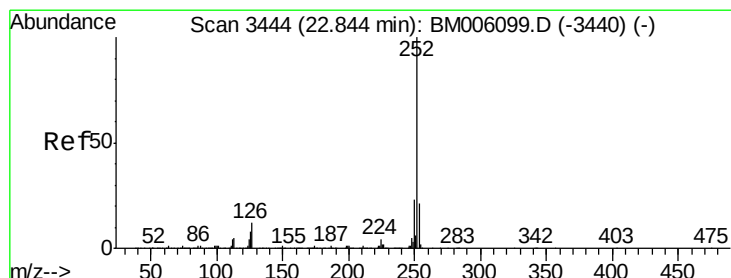
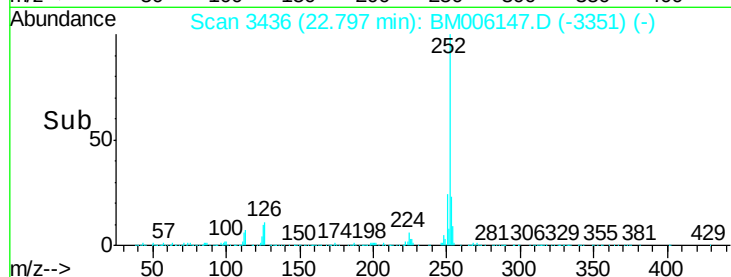
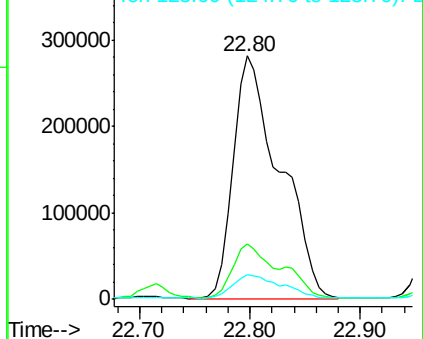
125 10.4 7.8 11.6



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: 16.53 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. -0.05 min

Lab File: BM006147.D

Acq: 30 Jun 2016 04:15

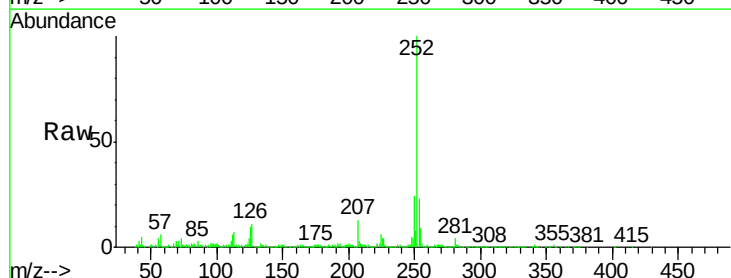
Tgt Ion:252 Resp: 826898

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 10.4 8.1 12.1



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

