

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
 Data File : BM006047.D
 Acq On : 26 Jun 2016 19:11
 Operator : UM/SJ
 Sample : H3671-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YA6

Quant Time: Jun 27 05:17:43 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	325335	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1580345	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	979440	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	2303010	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	2274655	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1878670	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	10636	1.46	ng/uL	0.00
3) Phenol-d5	6.83	99	464326	13.57	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	349854	18.37	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	397049	16.66	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	217029	7.51	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	229749	19.09	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	257617	19.24	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	431124	16.79	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	483074	17.34	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1548982	18.47	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1968423	20.24	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	216888	12.13	ng/ul	0.00
21) Fluorene-d10	15.30	176	1396446	19.51	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	159477	12.47	ng/ul	0.00
26) Anthracene-d10	17.15	188	2221810	21.00	ng/ul	0.00
30) Pyrene-d10	19.45	212	2574946	25.84	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1878566	22.15	ng/ul	0.00

Target Compounds

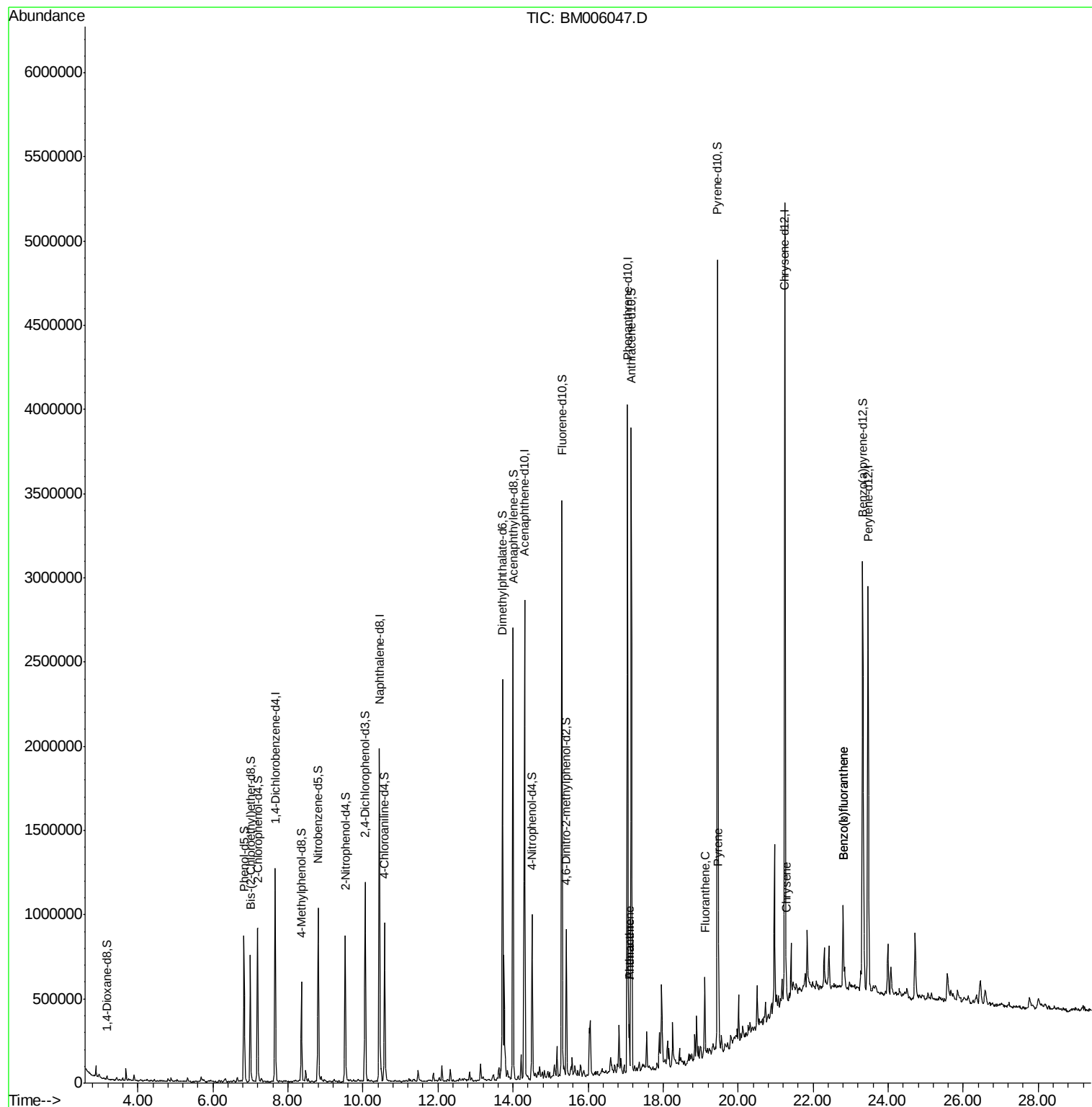
					Qvalue
25) Phenanthrene	17.10	178	168811	1.36 ng/ul	99
27) Anthracene	17.10	178	168827	1.32 ng/ul	99
28) Fluoranthene	19.12	202	247336	1.56 ng/ul	99
31) Pyrene	19.48	202	224758	1.73 ng/ul#	95
33) Chrysene	21.28	228	151249	1.23 ng/ul#	96
35) Benzo(b)fluoranthene	22.80	252	175347	1.61 ng/ul#	93
36) Benzo(k)fluoranthene	22.80	252	175347	1.73 ng/ul#	94

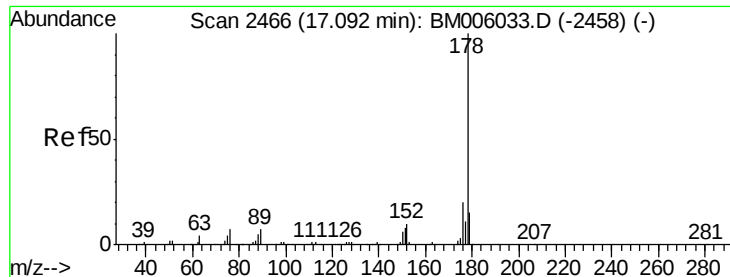
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Phenanthrene

Concen: 1.36 ng/ul

RT: 17.10 min Scan# 2467

Delta R.T. 0.01 min

Lab File: BM006047.D

Acq: 26 Jun 2016 19:11

Instrument :

BNA_M

ClientSampleId :

D9YA6

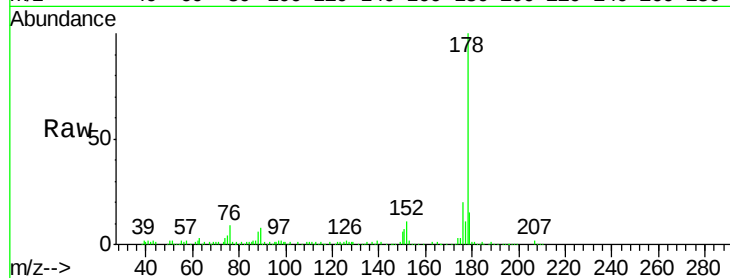
Tgt Ion:178 Resp: 168811

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

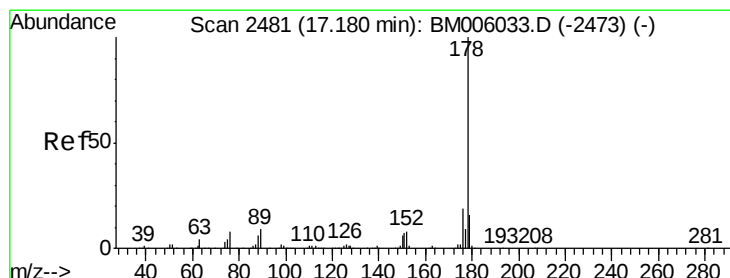
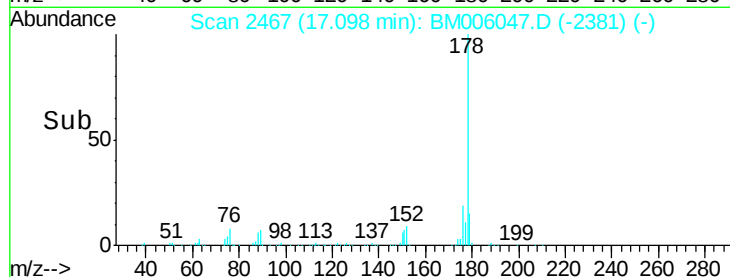
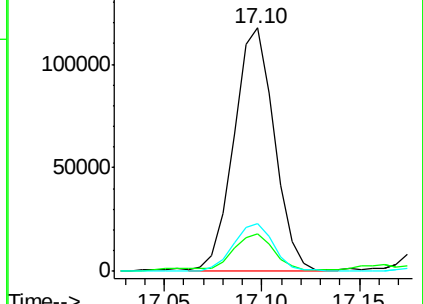
176 19.5 15.4 23.0



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



#27

Anthracene

Concen: 1.32 ng/ul

RT: 17.10 min Scan# 2467

Delta R.T. -0.08 min

Lab File: BM006047.D

Acq: 26 Jun 2016 19:11

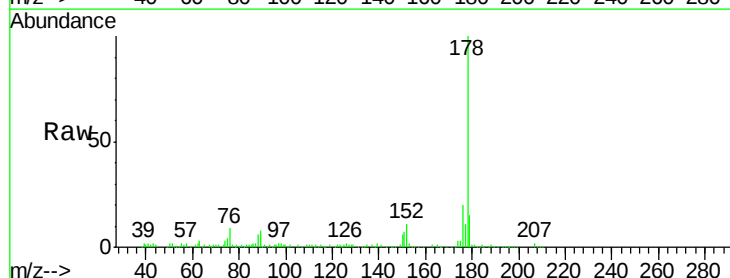
Tgt Ion:178 Resp: 168827

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

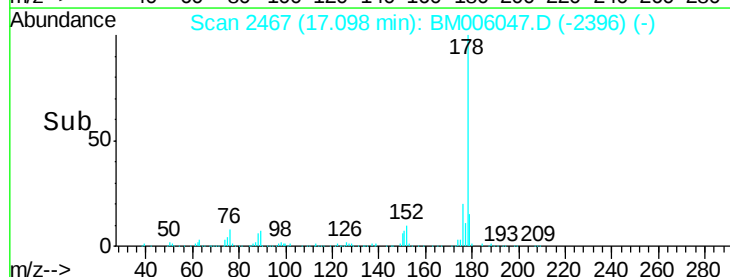
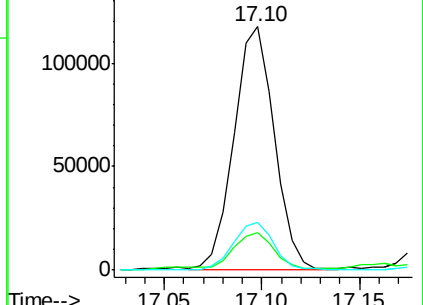
176 19.5 14.9 22.3

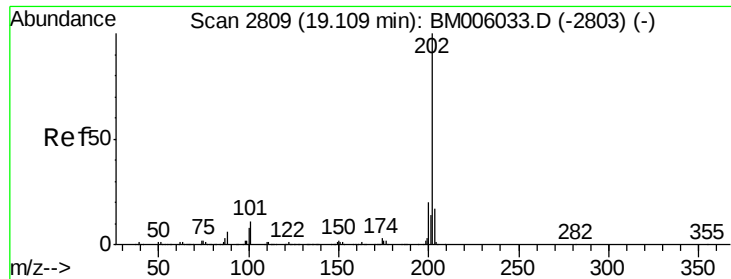


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

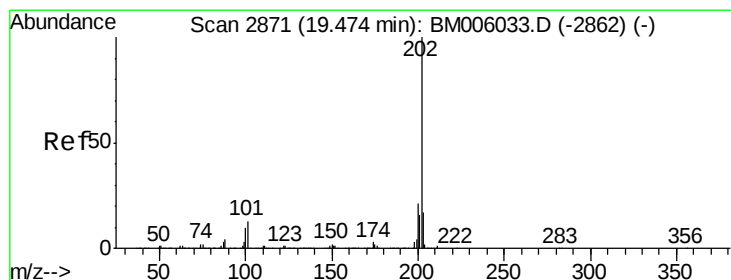
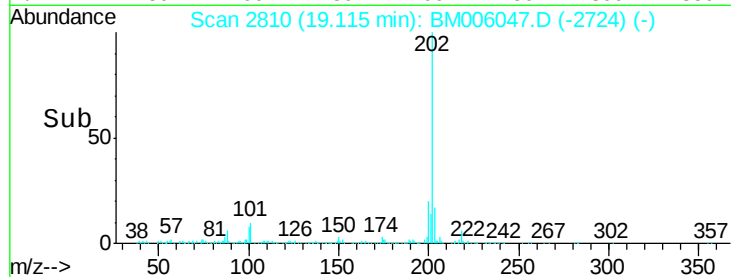
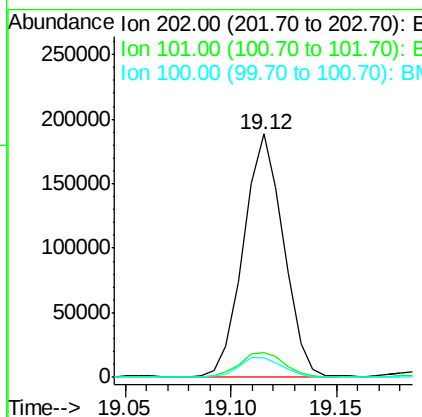
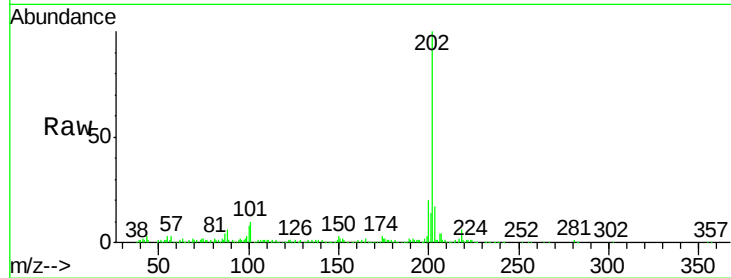




#28
Fluoranthene
Concen: 1.56 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM006047.D
Acq: 26 Jun 2016 19:11

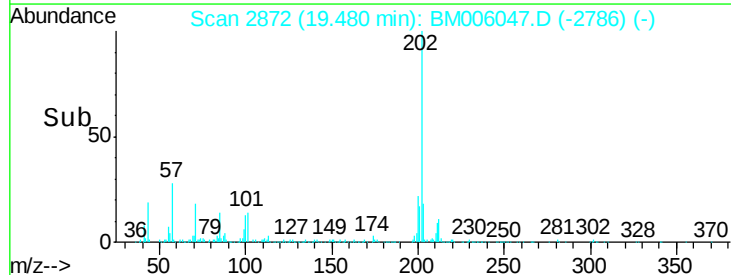
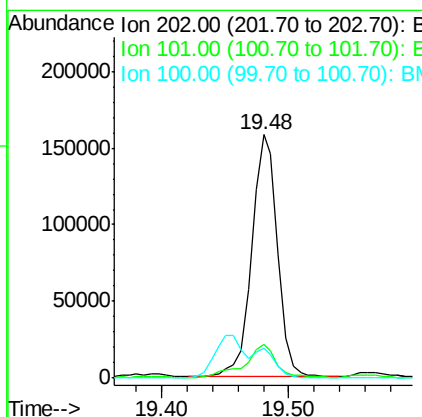
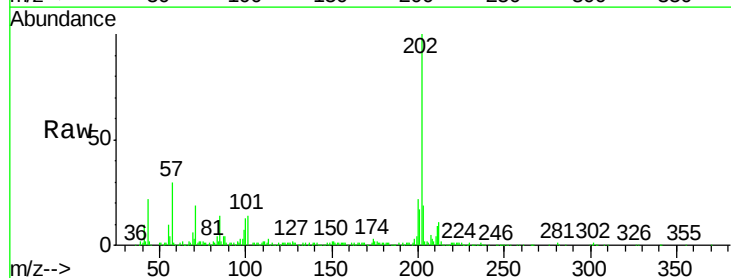
Instrument :
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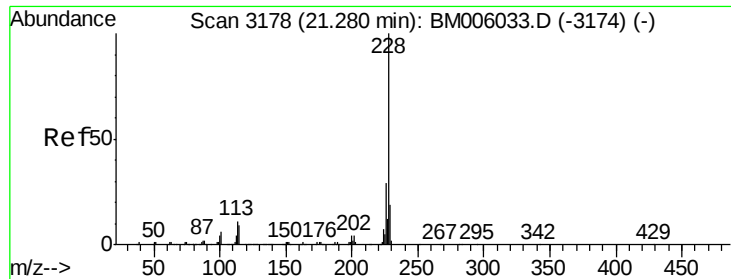
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.2	12.4
100	8.1	6.3	9.5



#31
Pyrene
Concen: 1.73 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. 0.01 min
Lab File: BM006047.D
Acq: 26 Jun 2016 19:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.8	14.6
100	12.5	8.2	12.2#





#33

Chrysene

Concen: 1.23 ng/ul

RT: 21.28 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BM006047.D

Acq: 26 Jun 2016 19:11

Instrument :

BNA_M

ClientSampleId :

D9YA6

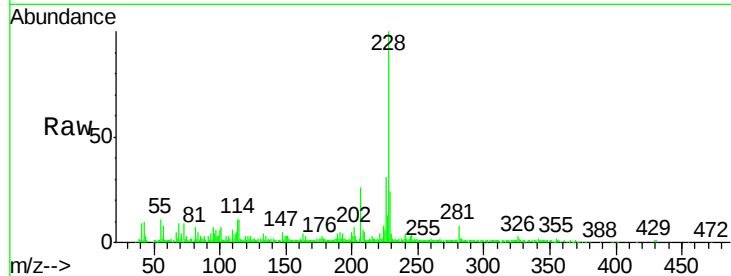
Tgt Ion:228 Resp: 151249

Ion Ratio Lower Upper

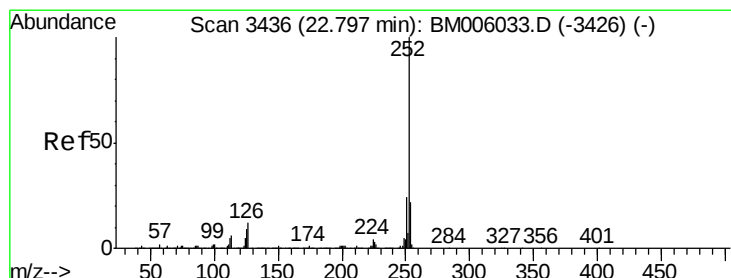
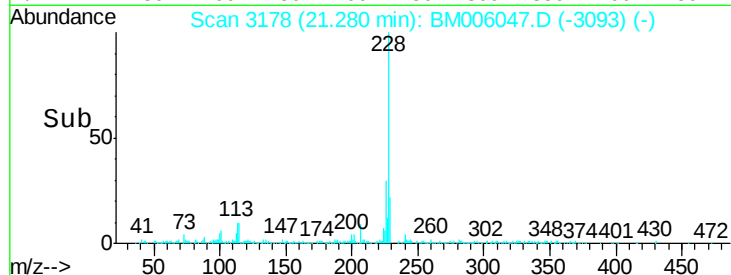
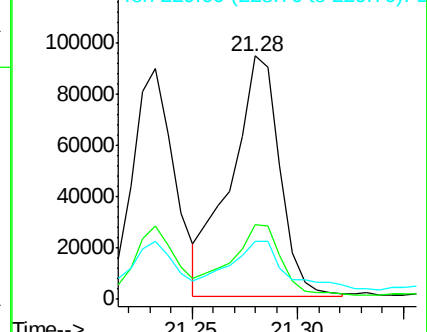
228 100

226 30.7 24.3 36.5

229 23.7 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: 1.61 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. 0.00 min

Lab File: BM006047.D

Acq: 26 Jun 2016 19:11

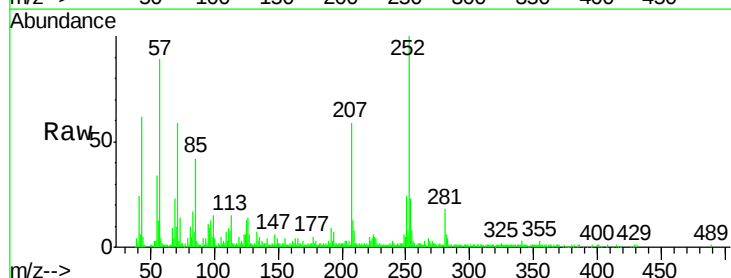
Tgt Ion:252 Resp: 175347

Ion Ratio Lower Upper

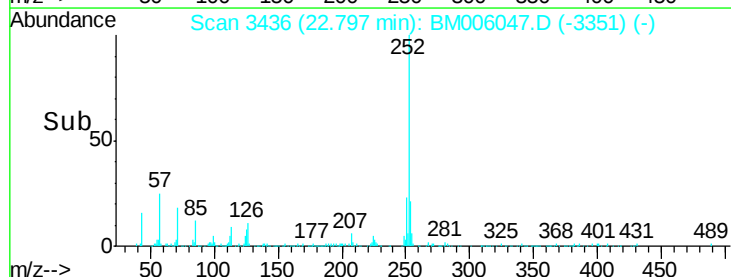
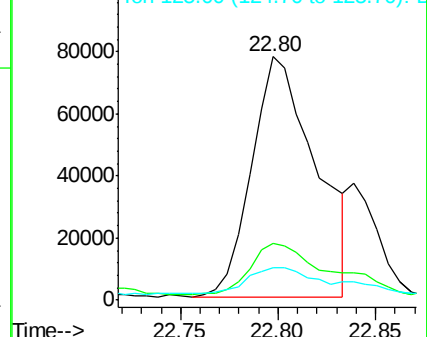
252 100

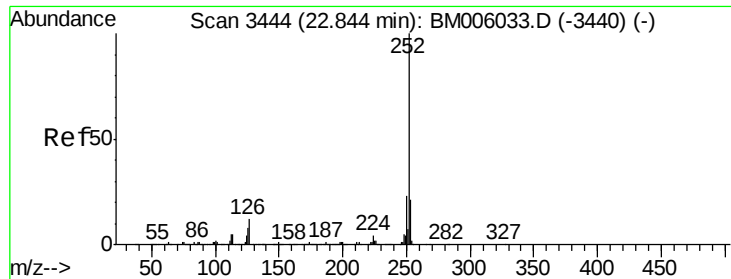
253 23.3 17.2 25.8

125 13.2 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: 1.73 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. -0.05 min

Lab File: BM006047.D

Acq: 26 Jun 2016 19:11

Instrument :

BNA_M

ClientSampleId :

D9YA6

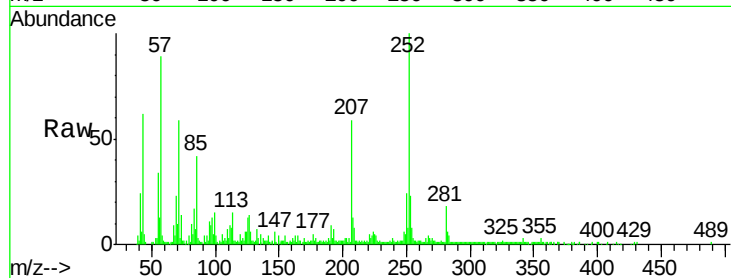
Tgt Ion: 252 Resp: 175347

Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

125 13.2 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

