

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
 Data File : BM006045.D
 Acq On : 26 Jun 2016 18:00
 Operator : UM/SJ
 Sample : H3670-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y80

Quant Time: Jun 27 05:17:21 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	181952	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	916906	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	598647	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1568616	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	2018368	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1985802	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.18	96	3998	0.98	ng/uL	0.00
3) Phenol-d5	6.83	99	148189	7.74	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	111937	10.51	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	128364	9.63	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	48791	3.02	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	72789	10.43	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	77768	10.01	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	140192	9.41	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	109373	6.77	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	522465	10.19	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	672478	11.31	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	64344	5.89	ng/ul	0.00
21) Fluorene-d10	15.30	176	510378	11.66	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	52165	5.99	ng/ul	0.00
26) Anthracene-d10	17.15	188	836026	11.60	ng/ul	0.00
30) Pyrene-d10	19.45	212	1083168	12.25	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	1061613	11.84	ng/ul	0.00

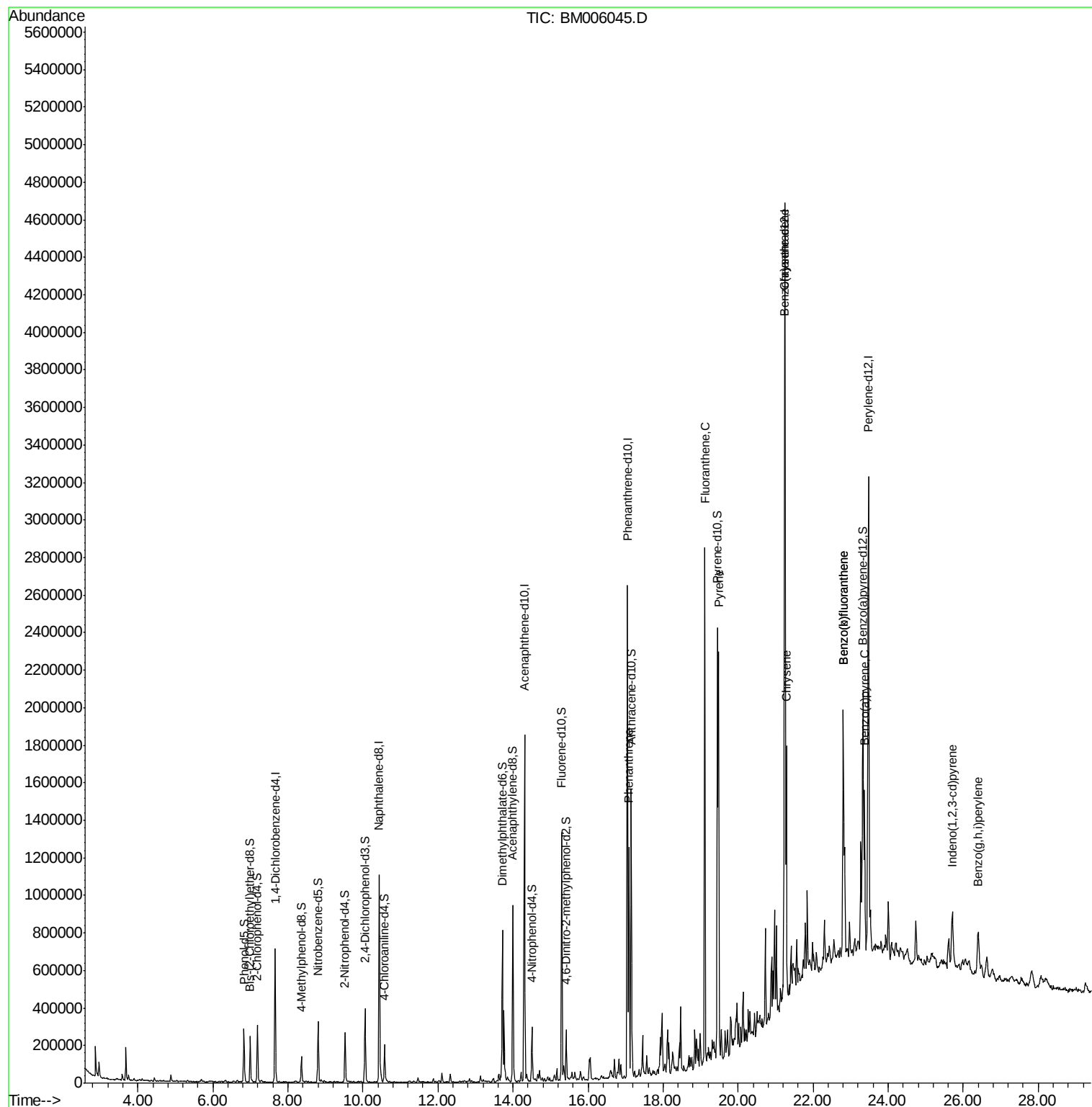
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Phenanthrene	17.09	178	698789	8.28	ng/ul	99
28) Fluoranthene	19.12	202	1606522	14.87	ng/ul	100
31) Pyrene	19.48	202	1279935	11.08	ng/ul	98
32) Benzo(a)anthracene	21.23	228	638600	5.33	ng/ul	95
33) Chrysene	21.29	228	789563	7.21	ng/ul	98
35) Benzo(b)fluoranthene	22.80	252	987161	8.56	ng/ul	97
36) Benzo(k)fluoranthene	22.80	252	987161	9.20	ng/ul	97
38) Benzo(a)pyrene	23.37	252	536393	4.85	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.71	276	351246	2.66	ng/ul	98
41) Benzo(g,h,i)perylene	26.40	276	339890	2.98	ng/ul	99

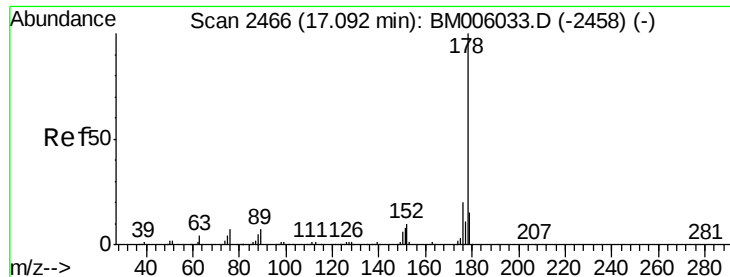
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006045.D
Acq On : 26 Jun 2016 18:00
Operator : UM/SJ
Sample : H3670-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Y80

Quant Time: Jun 27 05:17:21 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





#25

Phenanthrene

Concen: 8.28 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BM006045.D

Acq: 26 Jun 2016 18:00

Instrument :

BNA_M

ClientSampleId :

D9Y80

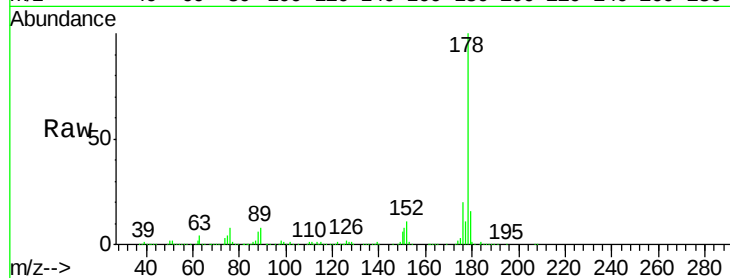
Tgt Ion:178 Resp: 698789

Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

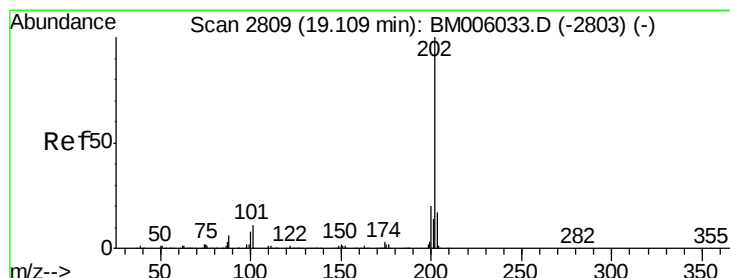
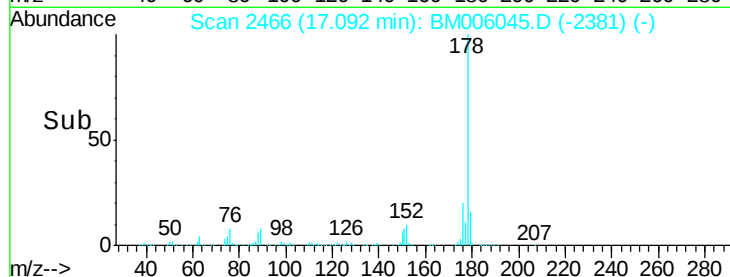
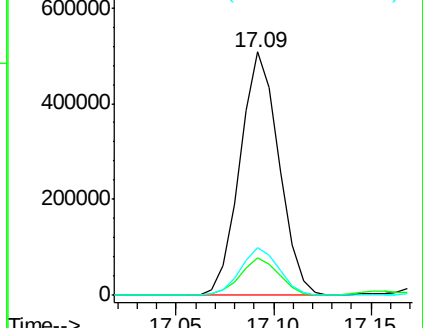
176 19.5 15.4 23.0



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



#28

Fluoranthene

Concen: 14.87 ng/ul

RT: 19.12 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM006045.D

Acq: 26 Jun 2016 18:00

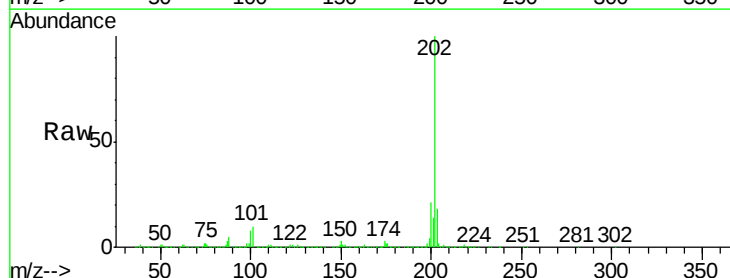
Tgt Ion:202 Resp: 1606522

Ion Ratio Lower Upper

202 100

101 10.4 8.2 12.4

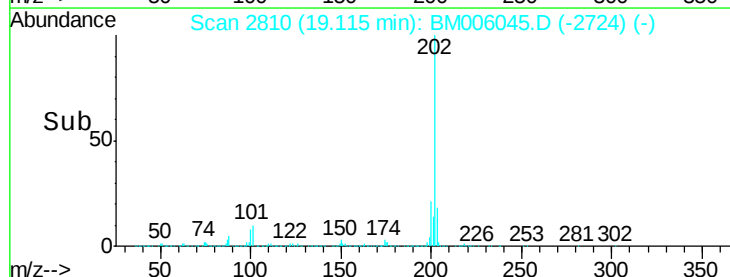
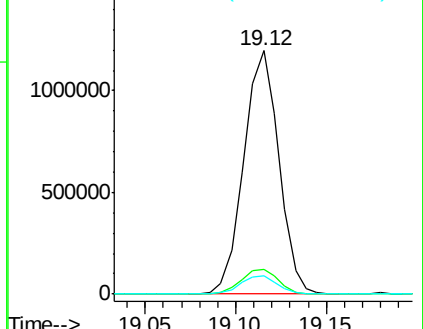
100 7.7 6.3 9.5

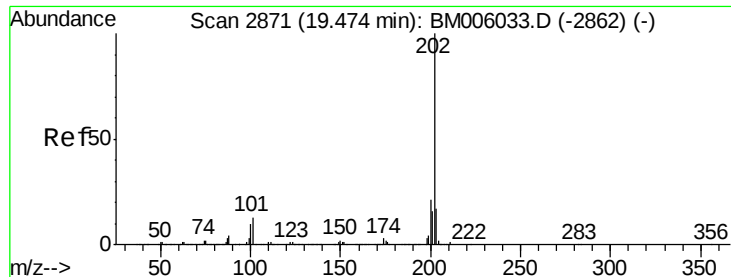


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

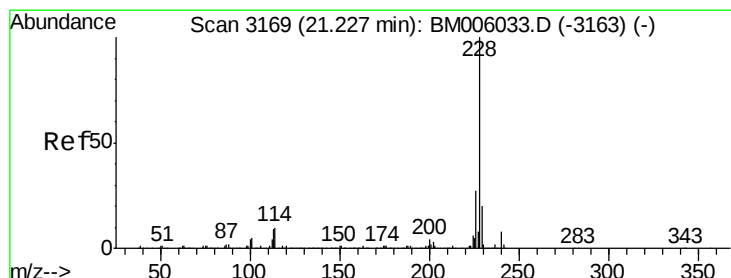
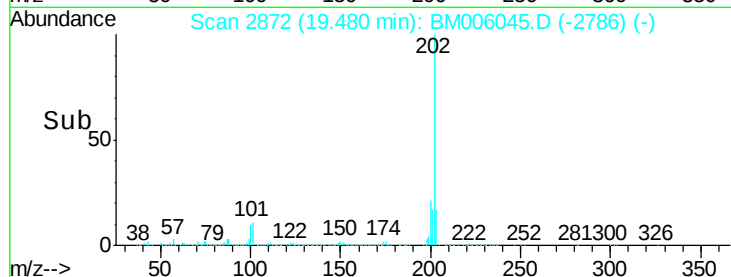
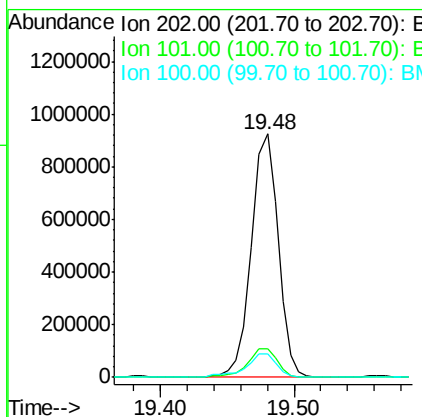
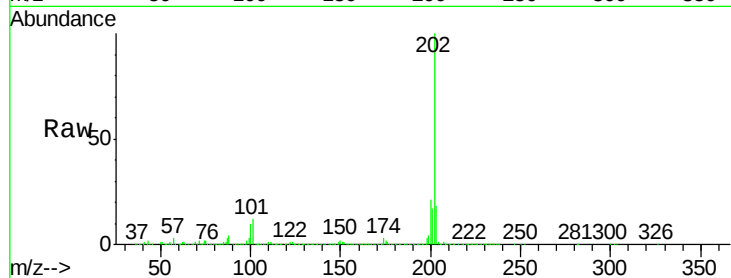




#31
 Pyrene
 Concen: 11.08 ng/ul
 RT: 19.48 min Scan# 2872
 Delta R.T. 0.01 min
 Lab File: BM006045.D
 Acq: 26 Jun 2016 18:00

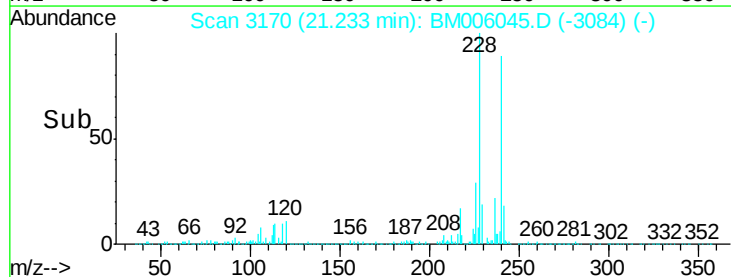
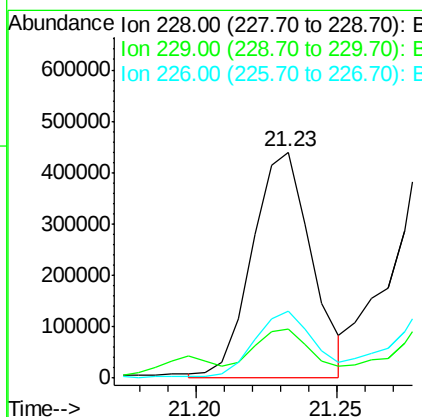
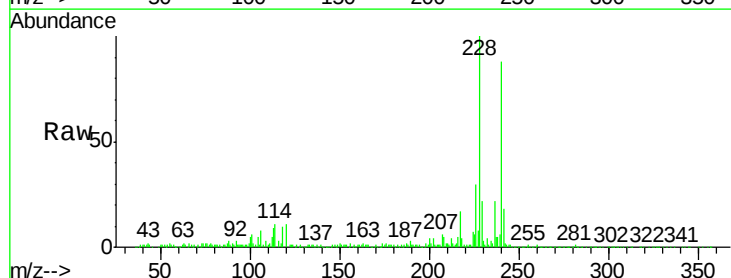
Instrument :
 BNA_M
 ClientSampleId :
 D9Y80

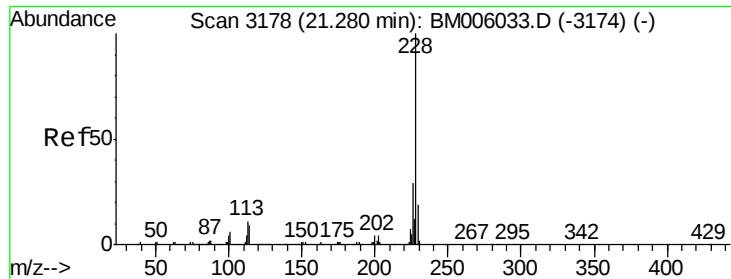
Tgt Ion:202 Resp: 1279935
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.8 14.6
 100 9.6 8.2 12.2



#32
 Benzo(a)anthracene
 Concen: 5.33 ng/ul
 RT: 21.23 min Scan# 3170
 Delta R.T. 0.01 min
 Lab File: BM006045.D
 Acq: 26 Jun 2016 18:00

Tgt Ion:228 Resp: 638600
 Ion Ratio Lower Upper
 228 100
 229 21.6 15.8 23.6
 226 29.7 21.5 32.3





#33

Chrysene

Concen: 7.21 ng/ul

RT: 21.29 min Scan# 3179

Delta R.T. 0.01 min

Lab File: BM006045.D

Acq: 26 Jun 2016 18:00

Instrument :

BNA_M

ClientSampleId :

D9Y80

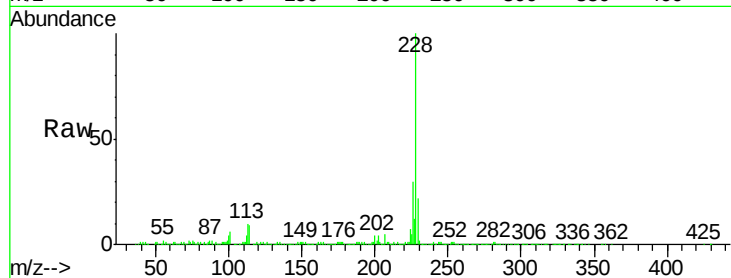
Tgt Ion:228 Resp: 789563

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

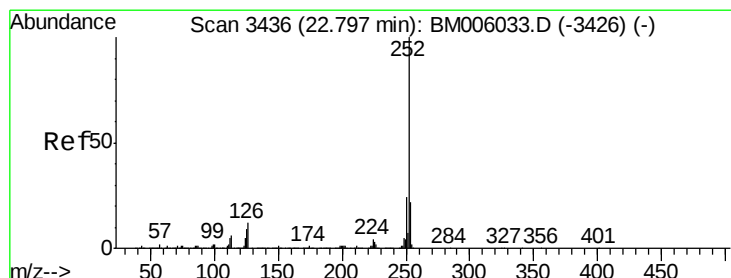
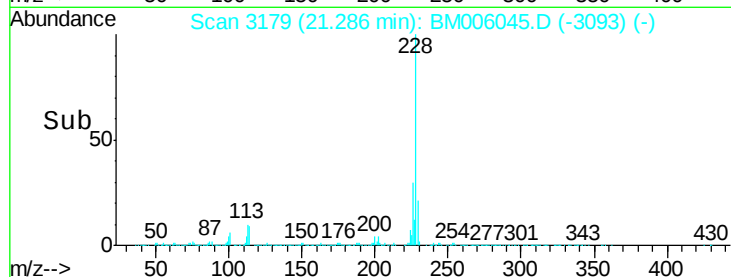
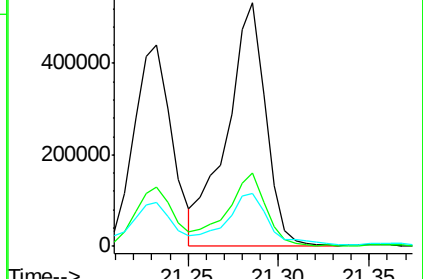
229 21.5 15.4 23.2



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: 8.56 ng/ul

RT: 22.80 min Scan# 3437

Delta R.T. 0.01 min

Lab File: BM006045.D

Acq: 26 Jun 2016 18:00

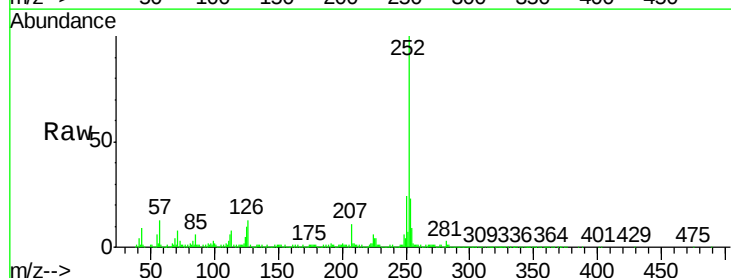
Tgt Ion:252 Resp: 987161

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

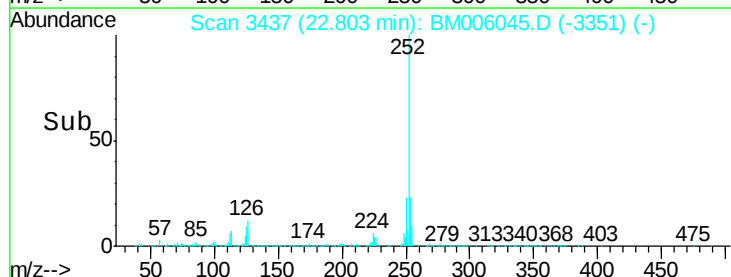
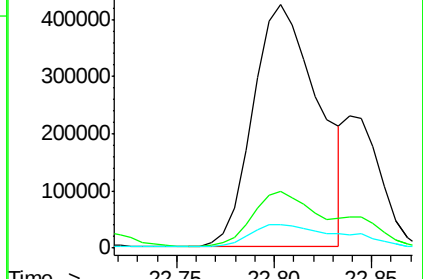
125 9.5 6.8 10.2

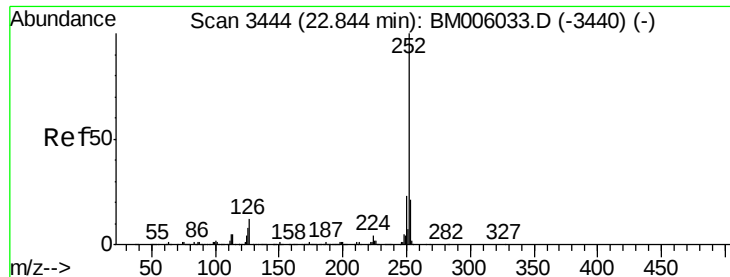


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 9.20 ng/ul

RT: 22.80 min Scan# 3437

Delta R.T. -0.04 min

Lab File: BM006045.D

Acq: 26 Jun 2016 18:00

Instrument :

BNA_M

ClientSampleId :

D9Y80

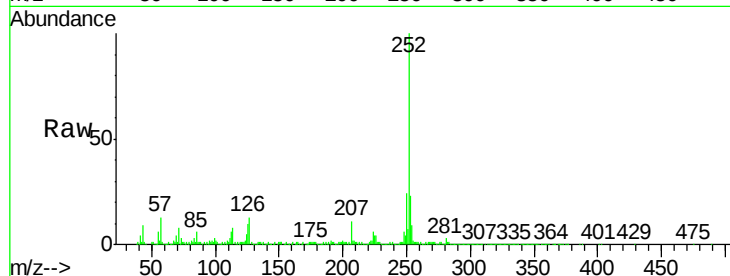
Tgt Ion:252 Resp: 987161

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

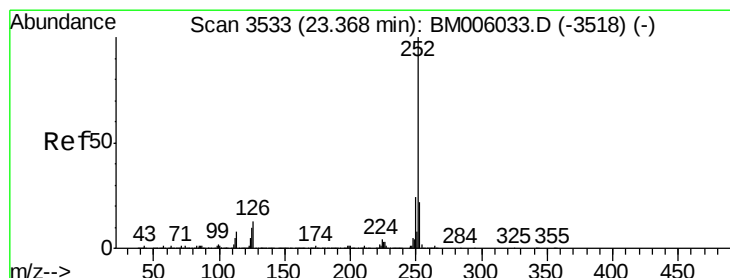
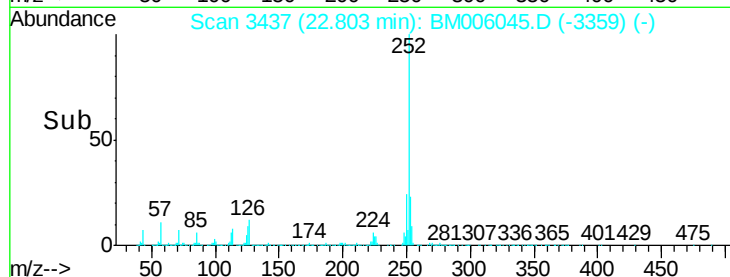
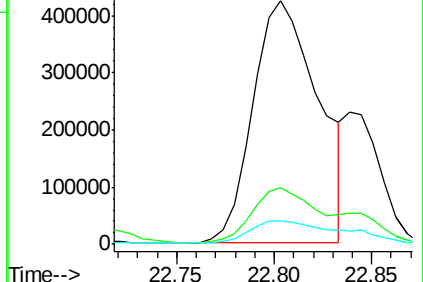
125 9.5 7.0 10.4



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



#38

Benzo(a)pyrene

Concen: 4.85 ng/ul

RT: 23.37 min Scan# 3534

Delta R.T. 0.01 min

Lab File: BM006045.D

Acq: 26 Jun 2016 18:00

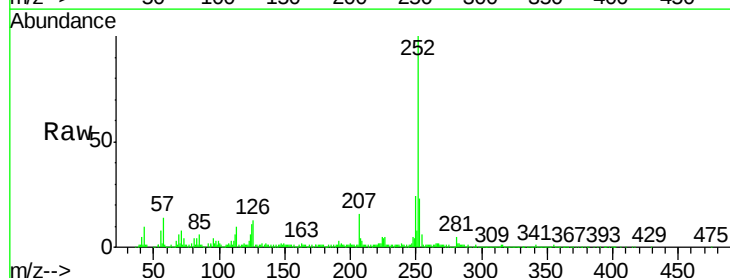
Tgt Ion:252 Resp: 536393

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

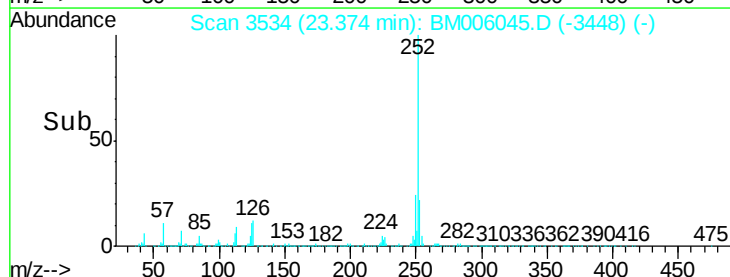
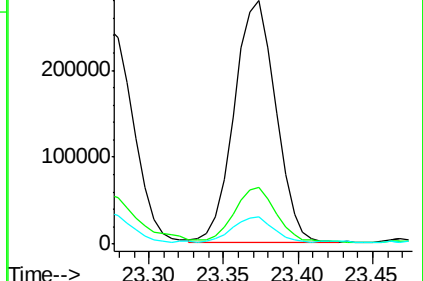
125 11.1 7.8 11.6

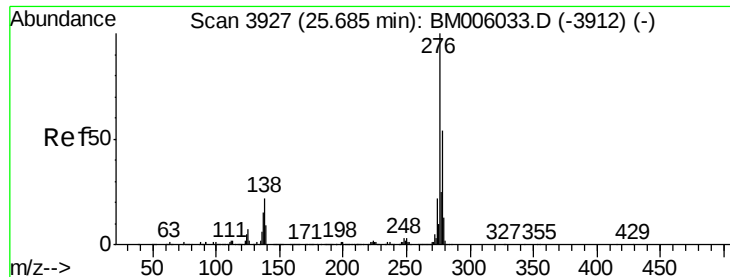


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 2.66 ng/ul

RT: 25.71 min Scan# 3931

Delta R.T. 0.02 min

Lab File: BM006045.D

Acq: 26 Jun 2016 18:00

Instrument :

BNA_M

ClientSampleId :

D9Y80

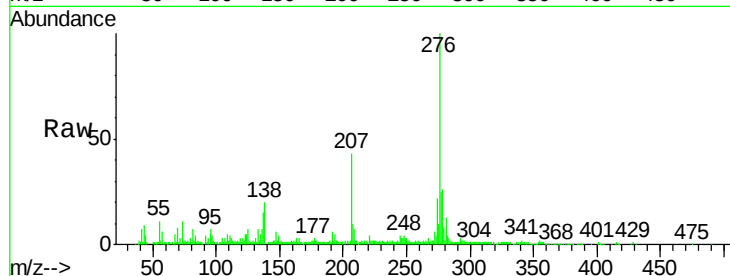
Tgt Ion:276 Resp: 351246

Ion Ratio Lower Upper

276 100

138 19.6 16.6 25.0

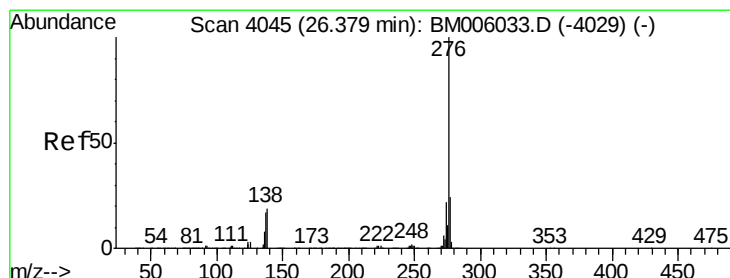
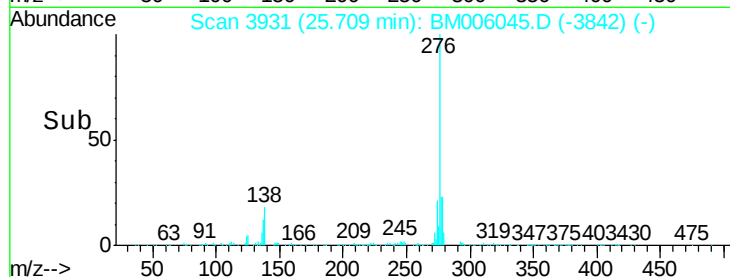
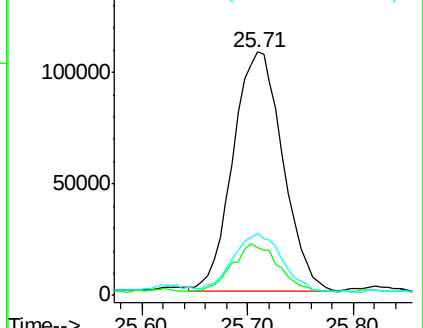
277 25.4 19.6 29.4



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: 2.98 ng/ul

RT: 26.40 min Scan# 4049

Delta R.T. 0.02 min

Lab File: BM006045.D

Acq: 26 Jun 2016 18:00

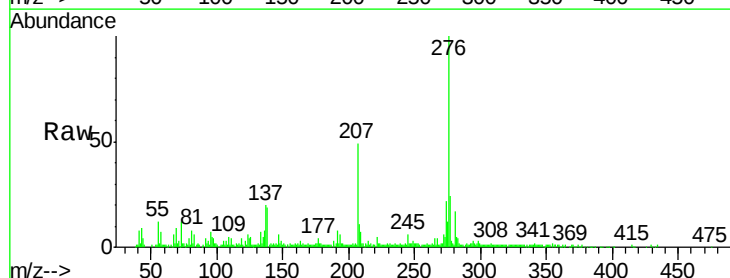
Tgt Ion:276 Resp: 339890

Ion Ratio Lower Upper

276 100

138 19.4 15.9 23.9

277 23.6 19.2 28.8



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

