

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001989.D
 Acq On : 21 Jul 2015 00:25
 Operator : TP/UM
 Sample : G3000-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02J2

Quant Time: Jul 21 01:46:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 01:37:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	203452	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	848779	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	510449	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1059335	20.00	ng/ul	0.01
77) Chrysene-d12	21.27	240	921559	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	861534	20.00	ng/ul	0.01

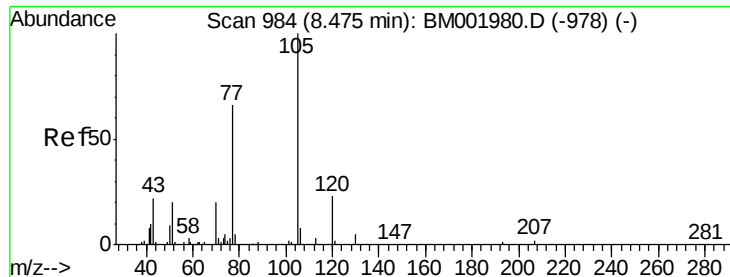
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3556	0.85	ng/uL	0.00
5) Phenol-d5	6.83	99	106128	6.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	59339	6.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	87491	6.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	65328	4.79	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	45967	7.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	50048	7.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	103738	7.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	52960	3.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	313585	7.62	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	390300	7.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	45919	6.59	ng/ul	0.00
57) Fluorene-d10	15.31	176	276383	7.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	3214	0.47	ng/ul	0.00
70) Anthracene-d10	17.16	188	384449	7.73	ng/ul	0.00
78) Pyrene-d10	19.47	212	367335	8.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	288329	6.62	ng/ul	0.01

Target Compounds

						Qvalue
14) Acetophenone	8.47	105	74609	3.46	ng/ul	99
44) Dimethylphthalate	13.77	163	274620	6.56	ng/ul	98
69) Phenanthrene	17.11	178	318253	5.55	ng/ul	97
71) Anthracene	17.11	178	318253	5.38	ng/ul	97
75) Di-n-butylphthalate	18.03	149	412475	6.70	ng/ul	98
76) Fluoranthene	19.13	202	469716	7.00	ng/ul	98
79) Pyrene	19.50	202	476454	8.64	ng/ul#	96
82) Benzo(a)anthracene	21.25	228	176557	3.22	ng/ul#	89
83) Bis(2-ethylhexyl)phthalate	21.17	149	125716	4.09	ng/ul#	91
84) Chrysene	21.30	228	241226	4.70	ng/ul#	92
87) Benzo(b)fluoranthene	22.83	252	330908	6.27	ng/ul#	86
90) Benzo(a)pyrene	23.40	252	194446	3.92	ng/ul#	83
91) Indeno(1,2,3-cd)pyrene	25.74	276	164494	3.16	ng/ul	98
93) Benzo(g,h,i)perylene	26.44	276	158453	3.70	ng/ul#	94

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



#14

Acetophenone

Concen: 3.46 ng/ul

RT: 8.47 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

Instrument :

BNA_M

ClientSampleId :

C02J2

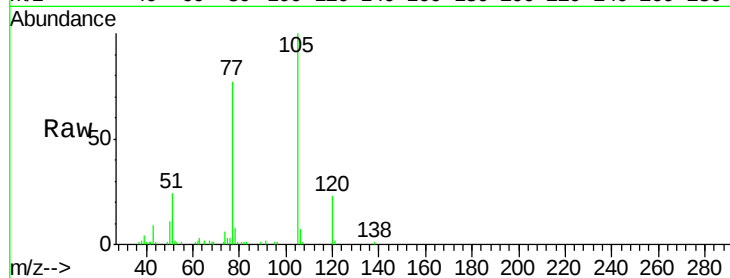
Tgt Ion:105 Resp: 74609

Ion Ratio Lower Upper

105 100

77 76.9 61.7 92.5

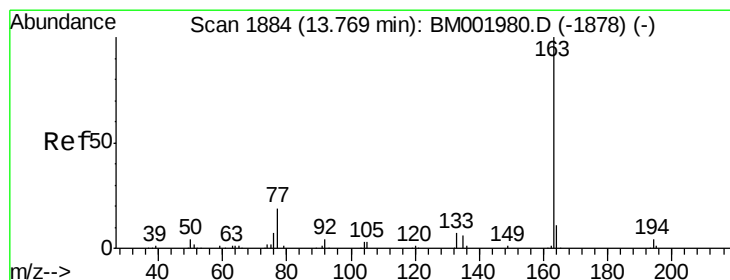
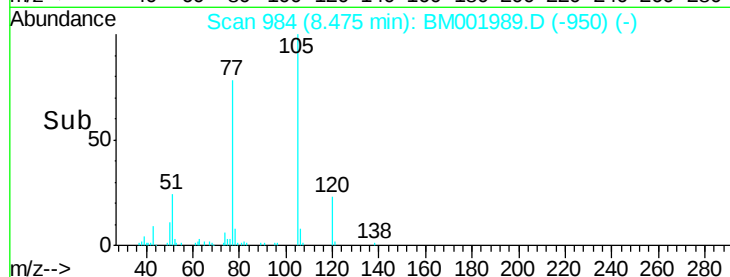
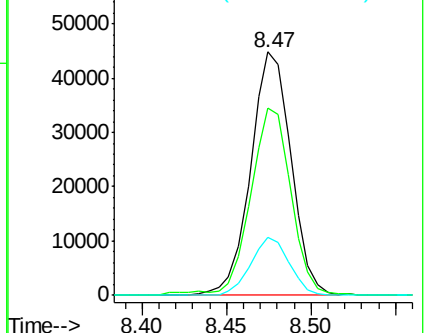
51 23.6 20.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#44

Dimethylphthalate

Concen: 6.56 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

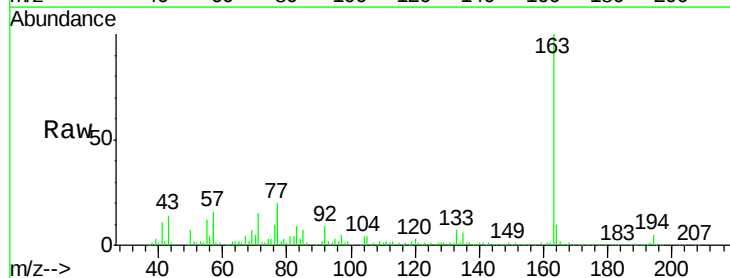
Tgt Ion:163 Resp: 274620

Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

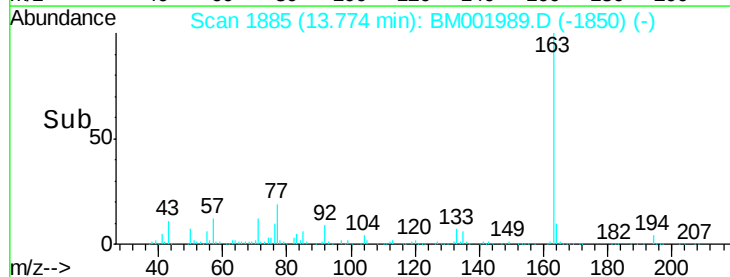
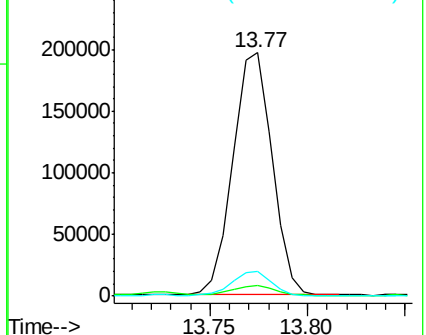
164 10.3 7.6 11.4

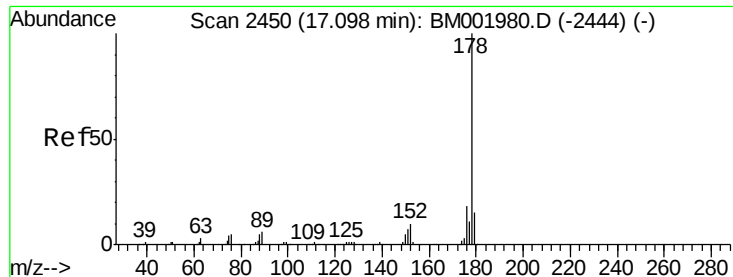


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 5.55 ng/ul

RT: 17.11 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

Instrument :

BNA_M

ClientSampleId :

C02J2

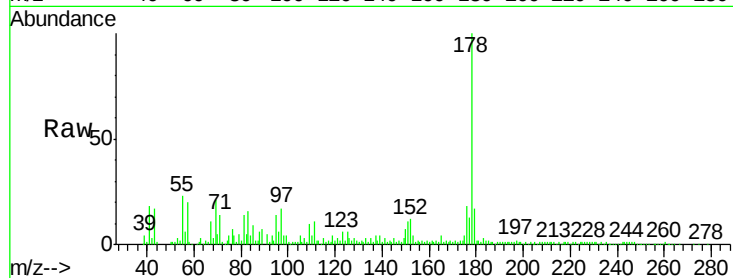
Tgt Ion:178 Resp: 318253

Ion Ratio Lower Upper

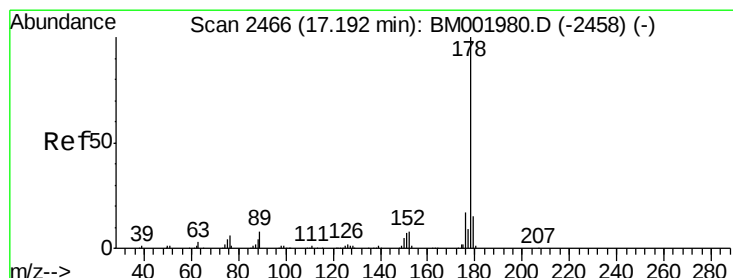
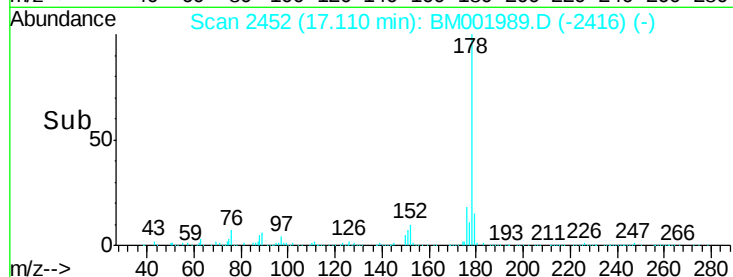
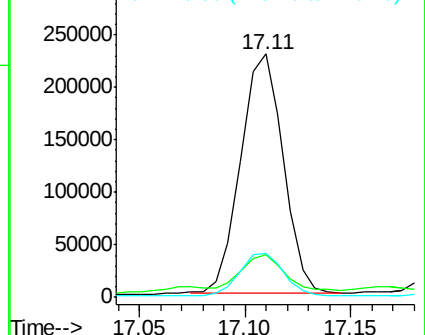
178 100

179 17.5 12.2 18.2

176 18.1 14.5 21.7



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



#71

Anthracene

Concen: 5.38 ng/ul

RT: 17.11 min Scan# 2452

Delta R.T. -0.08 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

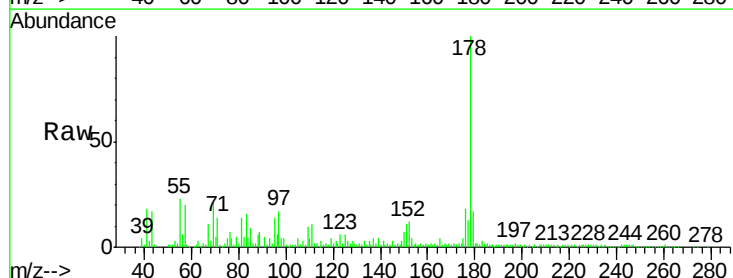
Tgt Ion:178 Resp: 318253

Ion Ratio Lower Upper

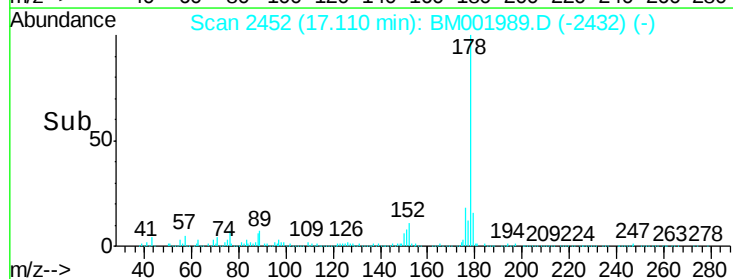
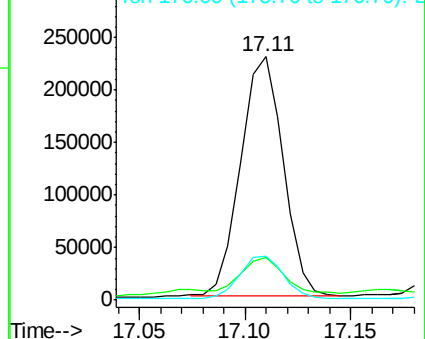
178 100

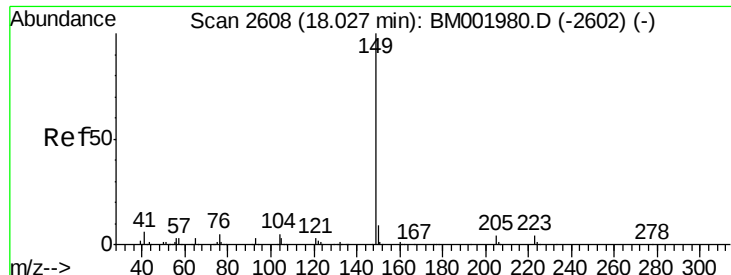
179 17.5 12.4 18.6

176 18.1 14.2 21.4



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

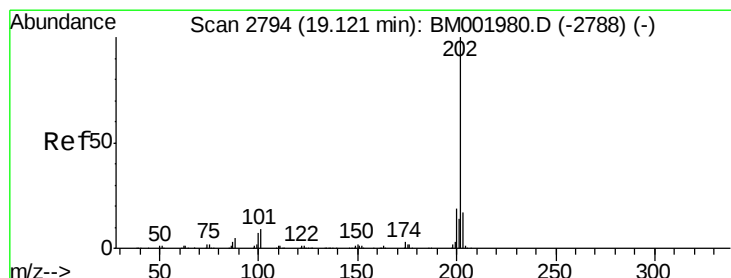
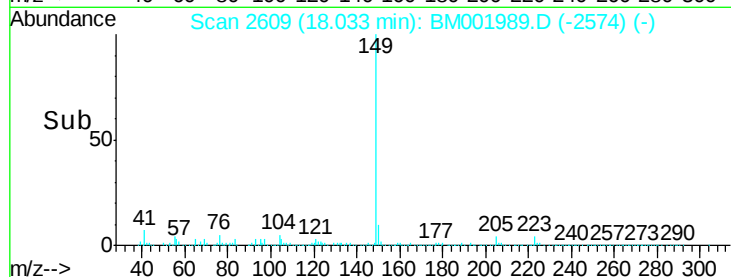
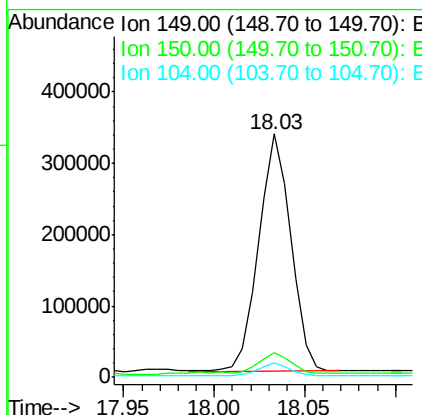
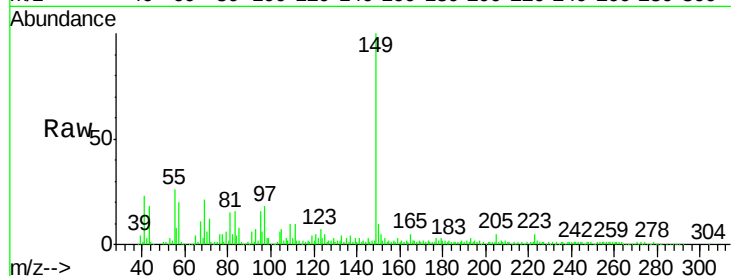




#75
Di-n-butylphthalate
Concen: 6.70 ng/ul
RT: 18.03 min Scan# 2609
Delta R.T. 0.01 min
Lab File: BM001989.D
Acq: 21 Jul 2015 00:25

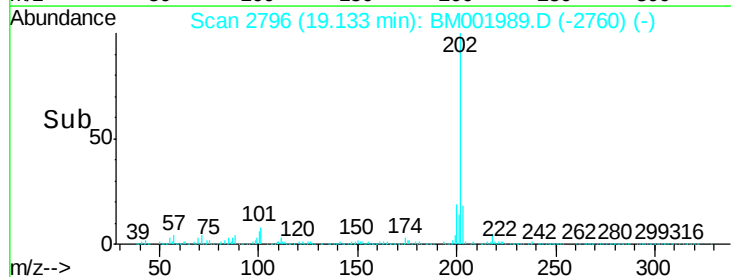
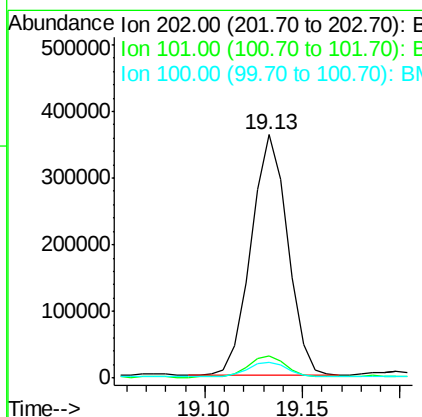
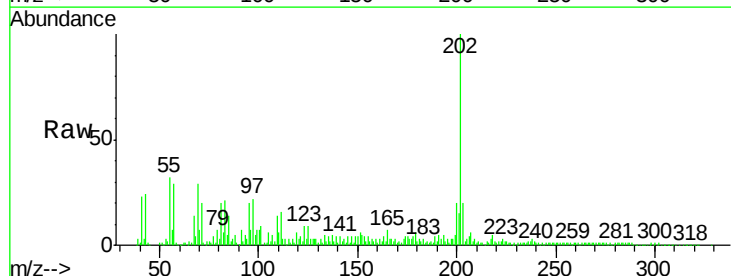
Instrument :
BNA_M
ClientSampleId :
C02J2

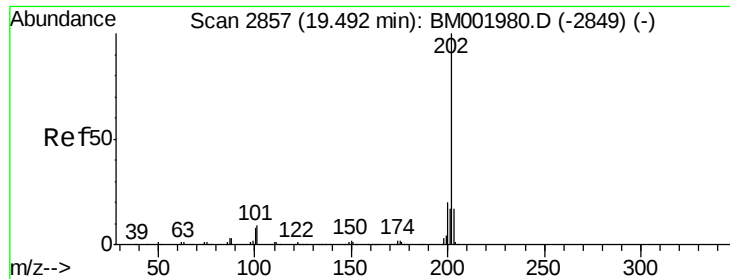
Tgt Ion:149 Resp: 412475
Ion Ratio Lower Upper
149 100
150 10.3 7.3 10.9
104 5.7 4.5 6.7



#76
Fluoranthene
Concen: 7.00 ng/ul
RT: 19.13 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BM001989.D
Acq: 21 Jul 2015 00:25

Tgt Ion:202 Resp: 469716
Ion Ratio Lower Upper
202 100
101 9.2 6.6 9.8
100 6.7 5.2 7.8





#79

Pyrene

Concen: 8.64 ng/ul

RT: 19.50 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

Instrument :

BNA_M

ClientSampleId :

C02J2

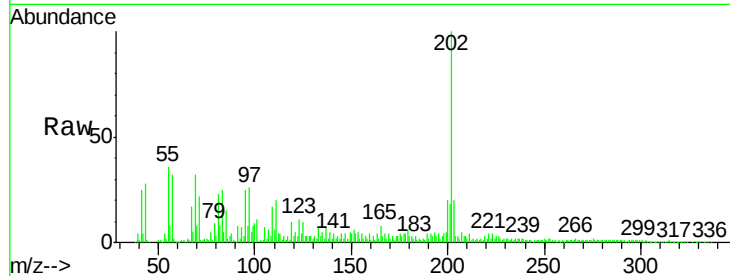
Tgt Ion:202 Resp: 476454

Ion Ratio Lower Upper

202 100

101 10.6 7.4 11.0

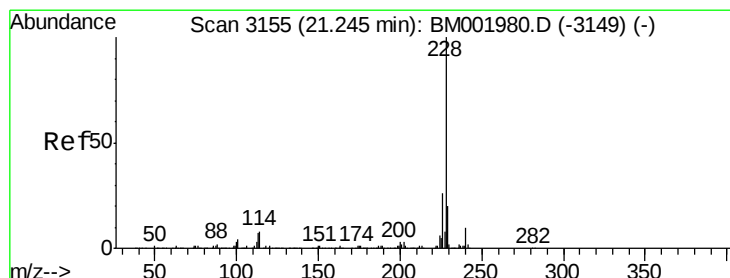
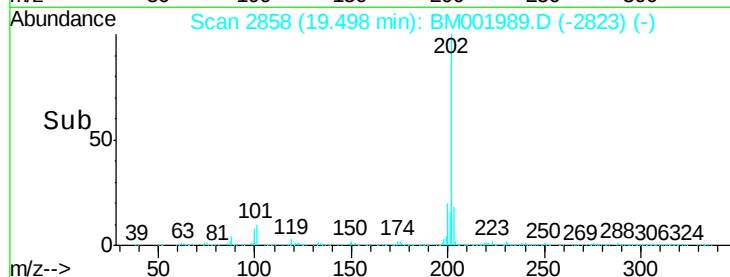
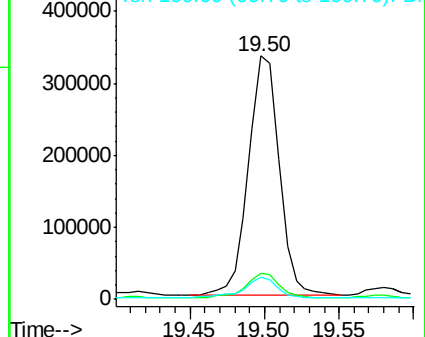
100 8.9 5.9 8.9#



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



#82

Benzo(a)anthracene

Concen: 3.22 ng/ul

RT: 21.25 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

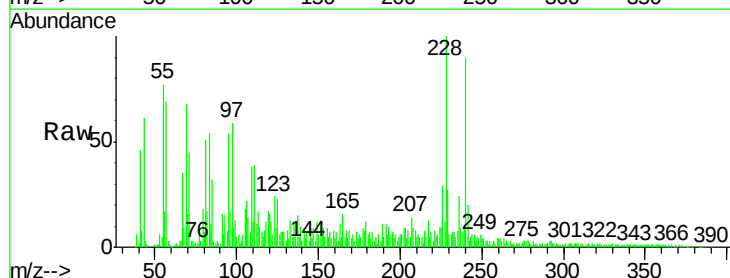
Tgt Ion:228 Resp: 176557

Ion Ratio Lower Upper

228 100

229 27.0 15.2 22.8#

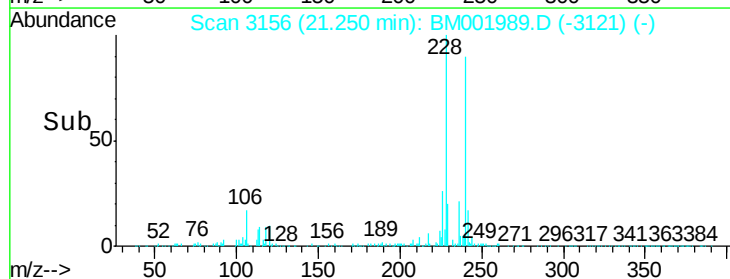
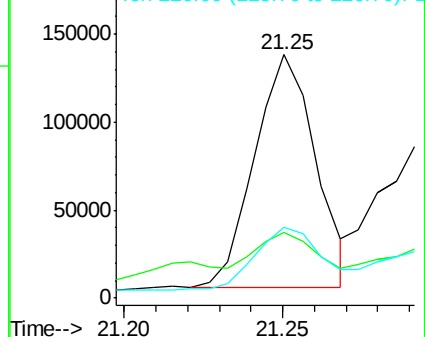
226 29.2 20.8 31.2

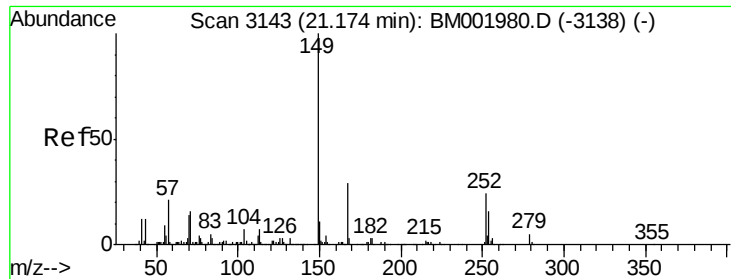


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

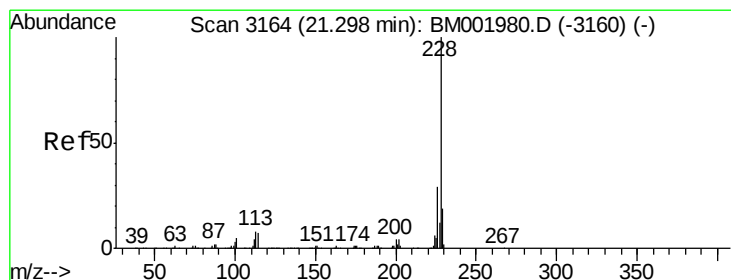
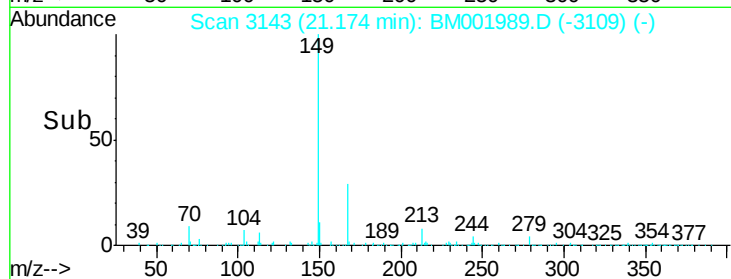
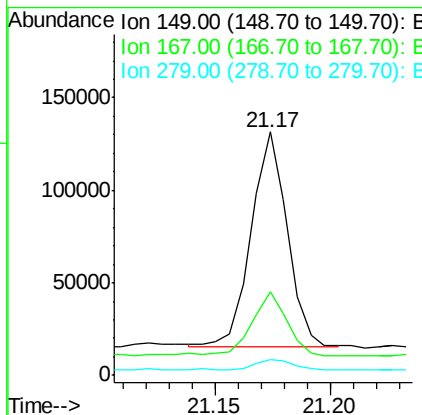
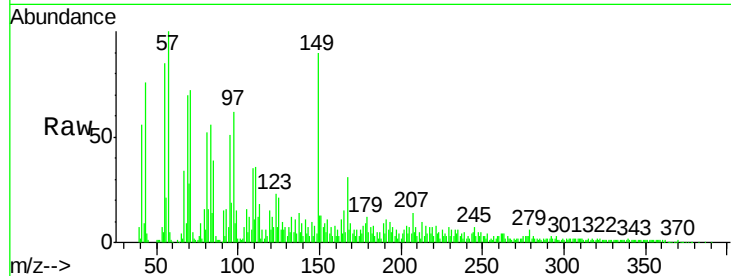




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.09 ng/ul
 RT: 21.17 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BM001989.D
 Acq: 21 Jul 2015 00:25

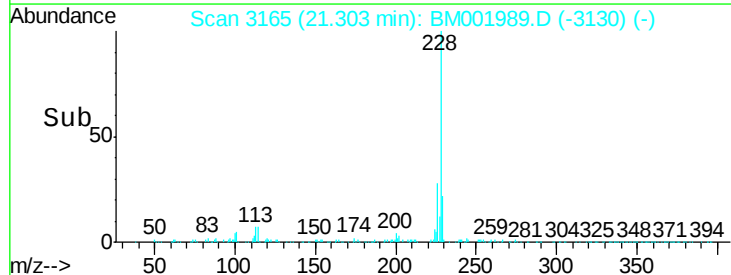
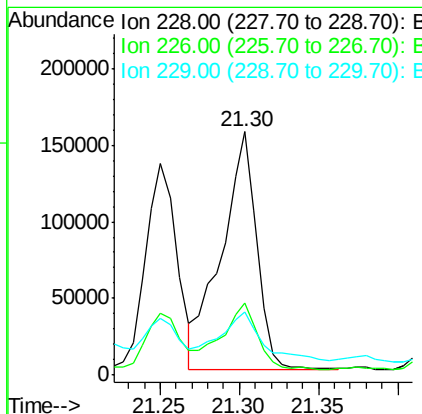
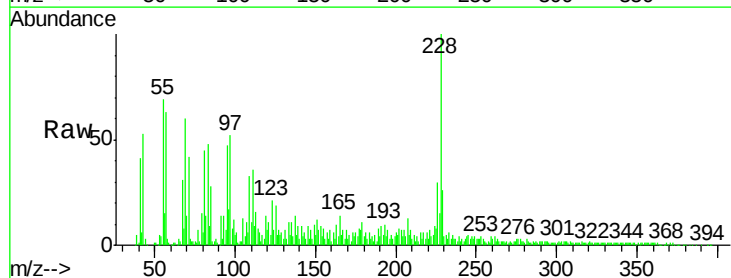
Instrument :
 BNA_M
 ClientSampleId :
 C02J2

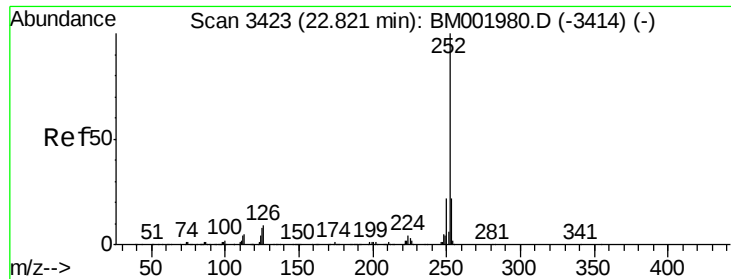
Tgt Ion:149 Resp: 125716
 Ion Ratio Lower Upper
 149 100
 167 34.3 23.4 35.0
 279 6.5 4.0 6.0#



#84
 Chrysene
 Concen: 4.70 ng/ul
 RT: 21.30 min Scan# 3165
 Delta R.T. 0.01 min
 Lab File: BM001989.D
 Acq: 21 Jul 2015 00:25

Tgt Ion:228 Resp: 241226
 Ion Ratio Lower Upper
 228 100
 226 29.7 22.6 33.8
 229 25.9 15.4 23.0#





#87

Benzo(b)fluoranthene

Concen: 6.27 ng/ul

RT: 22.83 min Scan# 3424

Delta R.T. 0.01 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

Instrument :

BNA_M

ClientSampleId :

C02J2

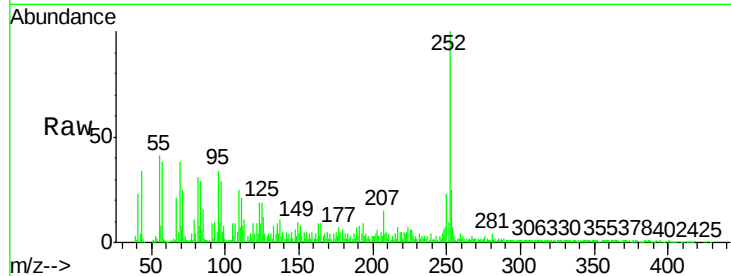
Tgt Ion:252 Resp: 330908

Ion Ratio Lower Upper

252 100

253 25.4 17.6 26.4

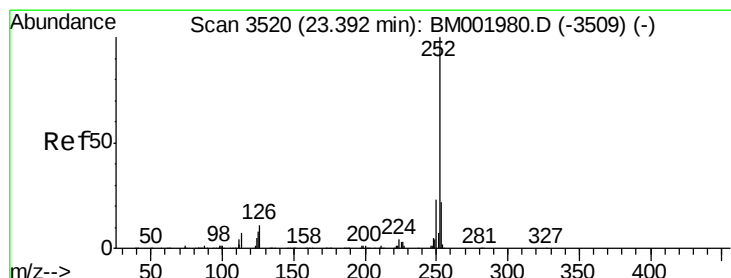
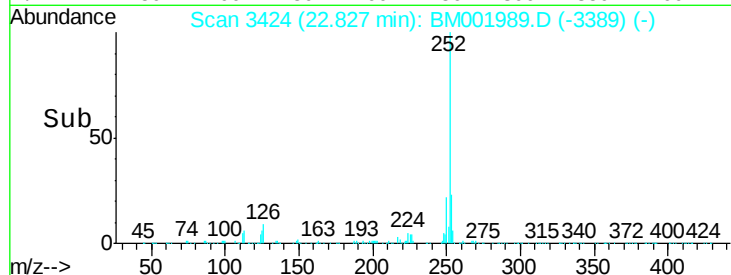
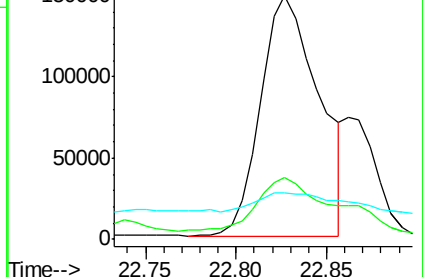
125 19.3 6.1 9.1#



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



#90

Benzo(a)pyrene

Concen: 3.92 ng/ul

RT: 23.40 min Scan# 3521

Delta R.T. 0.01 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

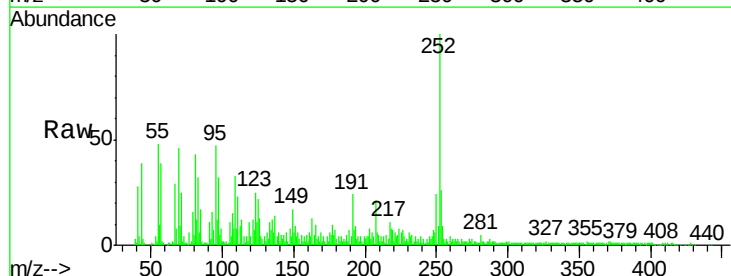
Tgt Ion:252 Resp: 194446

Ion Ratio Lower Upper

252 100

253 25.6 17.4 26.2

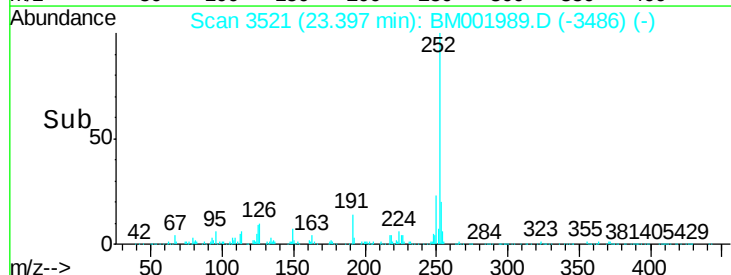
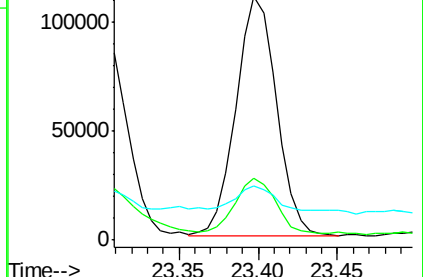
125 22.3 6.4 9.6#

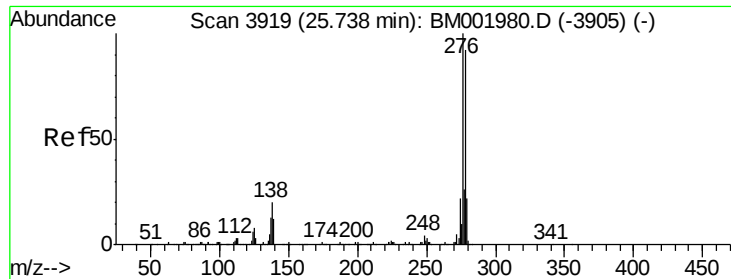


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 3.16 ng/ul

RT: 25.74 min Scan# 3920

Delta R.T. 0.01 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

Instrument :

BNA_M

ClientSampleId :

C02J2

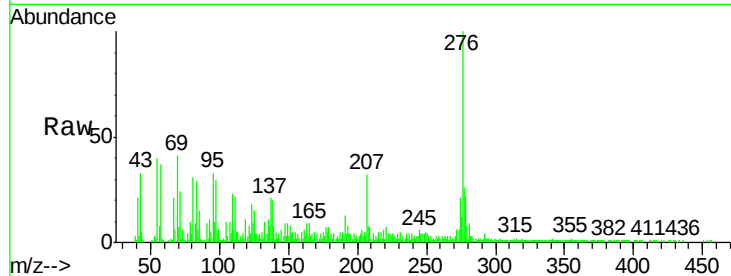
Tgt Ion:276 Resp: 164494

Ion Ratio Lower Upper

276 100

138 20.5 15.4 23.0

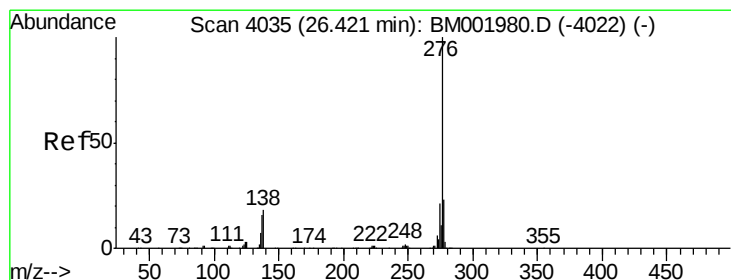
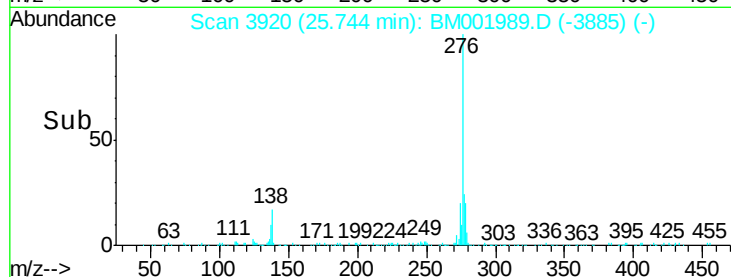
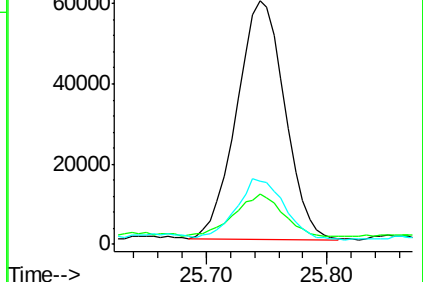
277 25.8 19.9 29.9



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



#93

Benzo(g,h,i)perylene

Concen: 3.70 ng/ul

RT: 26.44 min Scan# 4038

Delta R.T. 0.02 min

Lab File: BM001989.D

Acq: 21 Jul 2015 00:25

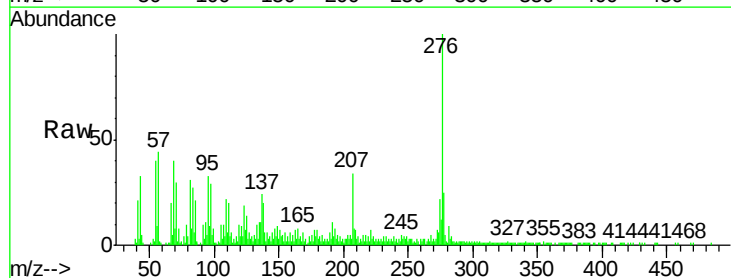
Tgt Ion:276 Resp: 158453

Ion Ratio Lower Upper

276 100

138 20.2 13.3 19.9#

277 25.0 18.6 27.8



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

