

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001992.D
 Acq On : 21 Jul 2015 02:16
 Operator : TP/UM
 Sample : G3000-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02J8

Quant Time: Jul 21 03:23:18 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	110165	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	452440	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	263702	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	526272	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	429305	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	422372	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2869	1.27	ng/uL	0.00
5) Phenol-d5	6.83	99	83413	9.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	44909	9.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	67927	9.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	52325	7.08	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	32133	9.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	29553	7.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	70266	9.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	52535	6.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	218837	10.29	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	227111	8.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	24484	6.80	ng/ul	0.00
57) Fluorene-d10	15.31	176	154736	8.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	1409	0.41	ng/ul	0.00
70) Anthracene-d10	17.16	188	209299	8.47	ng/ul	0.00
78) Pyrene-d10	19.46	212	176633	9.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	145933	6.83	ng/ul	0.00

Target Compounds

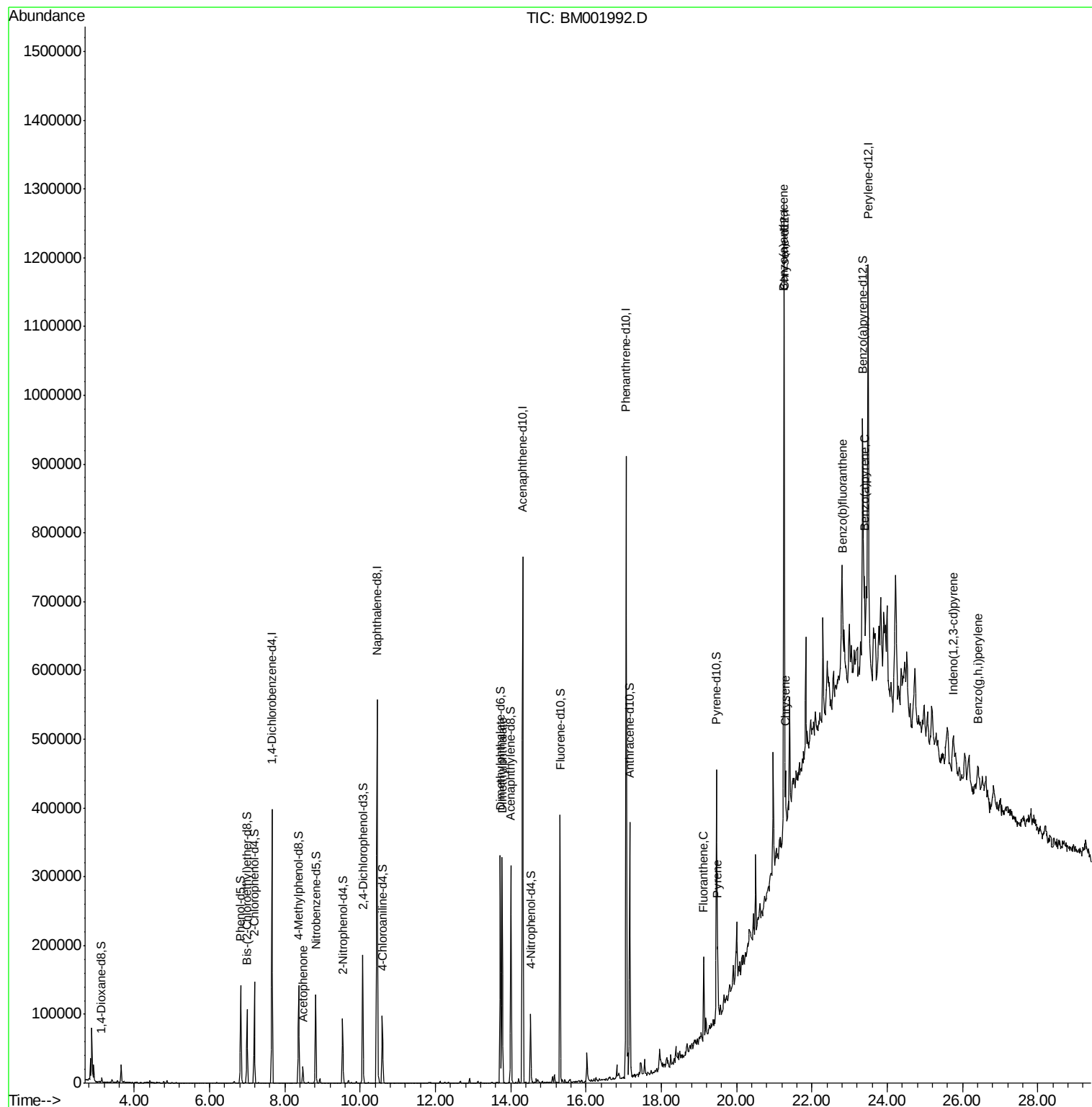
						Qvalue
14) Acetophenone	8.47	105	14328	1.23	ng/ul	97
44) Dimethylphthalate	13.77	163	204826	9.47	ng/ul	98
76) Fluoranthene	19.12	202	69634	2.09	ng/ul	99
79) Pyrene	19.49	202	68092	2.65	ng/ul	96
82) Benzo(a)anthracene	21.24	228	38824	1.52	ng/ul#	92
84) Chrysene	21.29	228	45352	1.90	ng/ul#	91
87) Benzo(b)fluoranthene	22.82	252	66349	2.56	ng/ul#	74
90) Benzo(a)pyrene	23.39	252	42151	1.73	ng/ul#	80
91) Indeno(1,2,3-cd)pyrene	25.73	276	29958	1.17	ng/ul#	91
93) Benzo(g,h,i)perylene	26.43	276	29417	1.40	ng/ul#	81

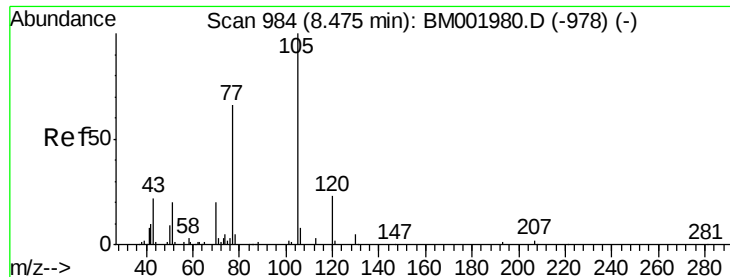
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#14

Acetophenone

Concen: 1.23 ng/ul

RT: 8.47 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001992.D

Acq: 21 Jul 2015 02:16

Instrument :

BNA_M

ClientSampleId :

C02J8

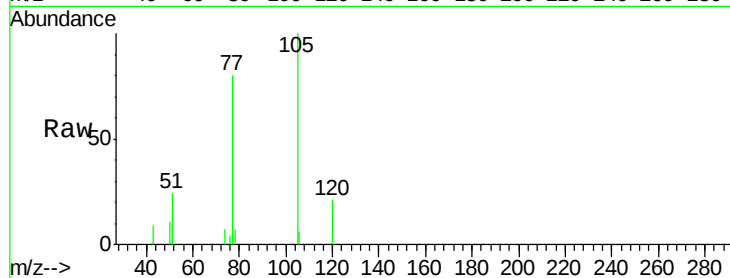
Tgt Ion:105 Resp: 14328

Ion Ratio Lower Upper

105 100

77 79.7 61.7 92.5

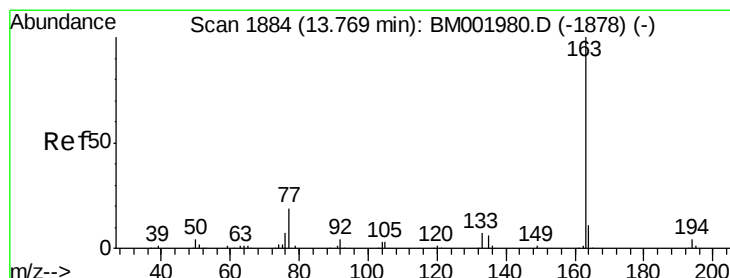
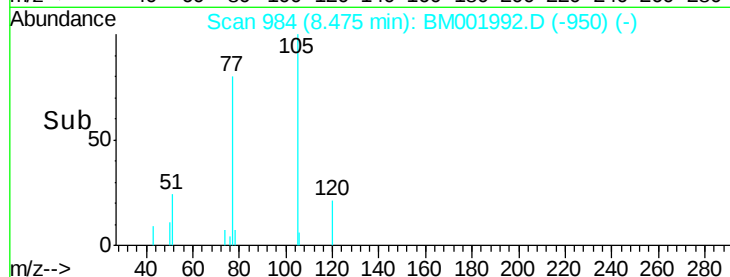
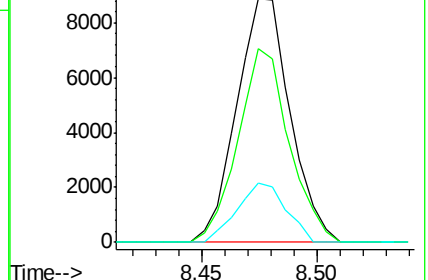
51 24.3 20.2 30.4



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: 9.47 ng/ul

RT: 13.77 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM001992.D

Acq: 21 Jul 2015 02:16

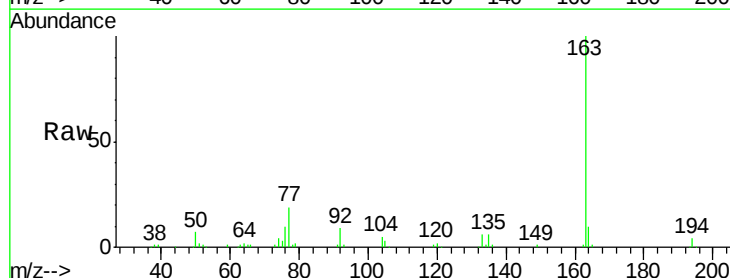
Tgt Ion:163 Resp: 204826

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

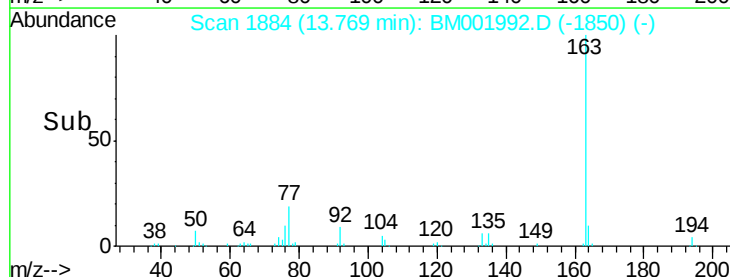
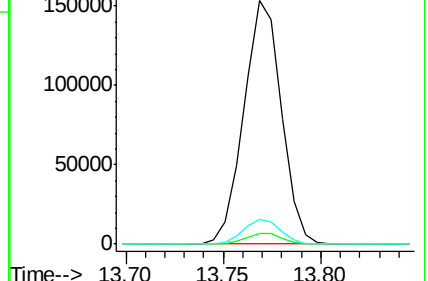
164 10.4 7.6 11.4

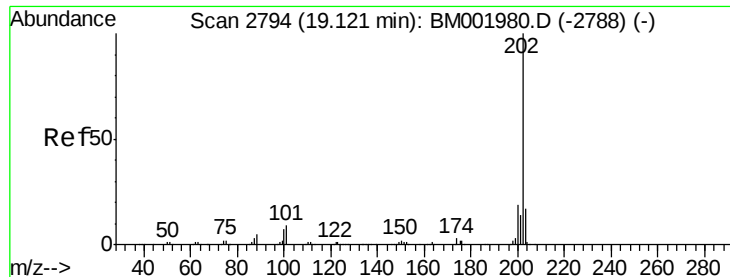


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#76

Fluoranthene

Concen: 2.09 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM001992.D

Acq: 21 Jul 2015 02:16

Instrument :

BNA_M

ClientSampleId :

C02J8

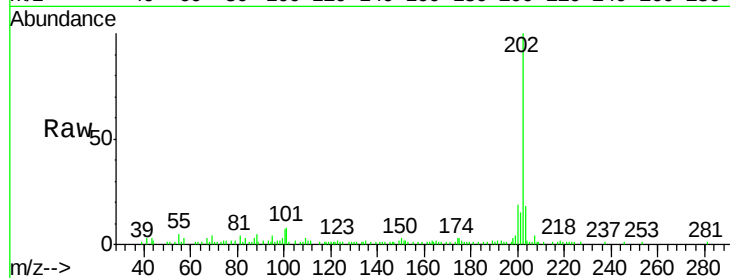
Tgt Ion:202 Resp: 69634

Ion Ratio Lower Upper

202 100

101 7.9 6.6 9.8

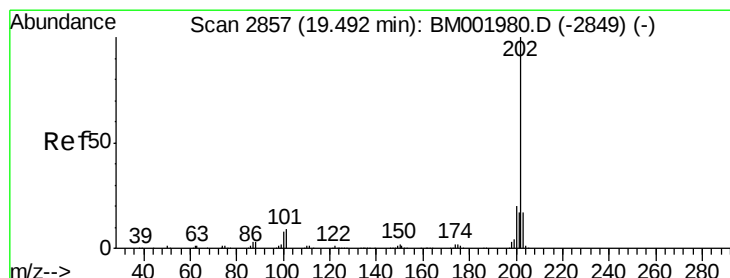
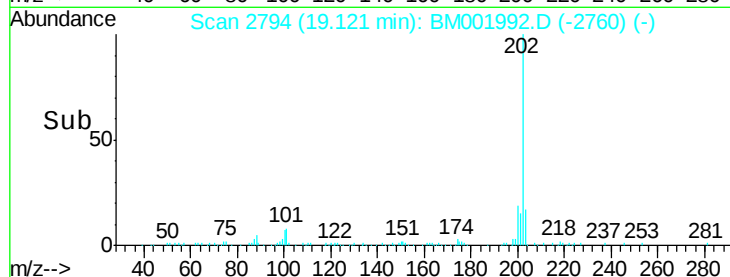
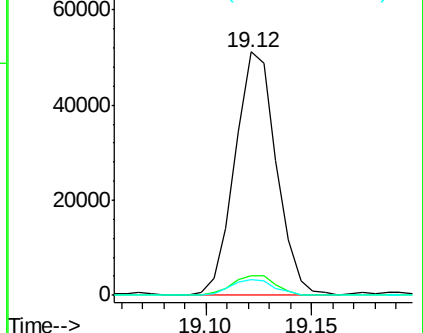
100 6.6 5.2 7.8



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



#79

Pyrene

Concen: 2.65 ng/ul

RT: 19.49 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM001992.D

Acq: 21 Jul 2015 02:16

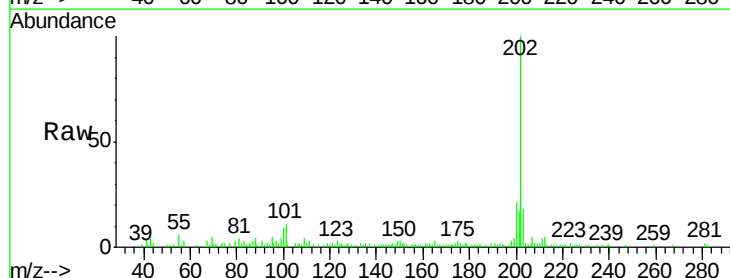
Tgt Ion:202 Resp: 68092

Ion Ratio Lower Upper

202 100

101 10.9 7.4 11.0

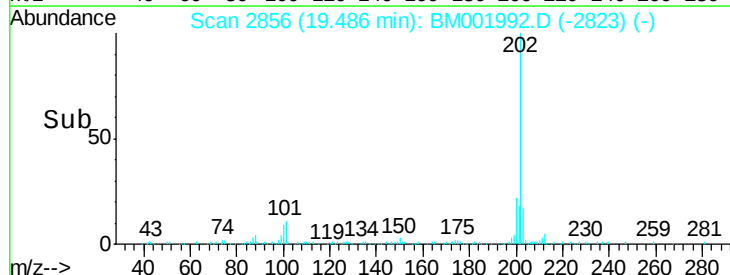
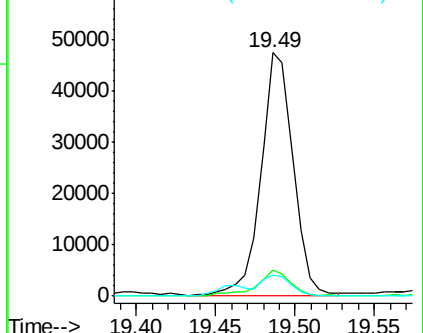
100 8.7 5.9 8.9

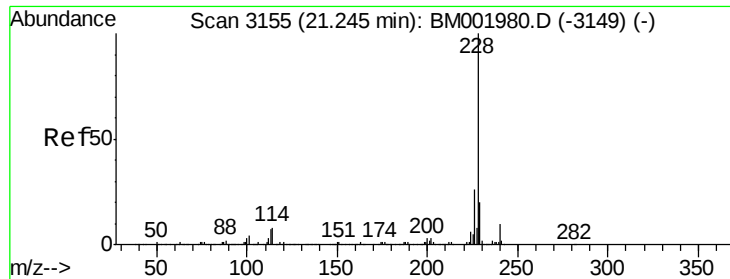


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

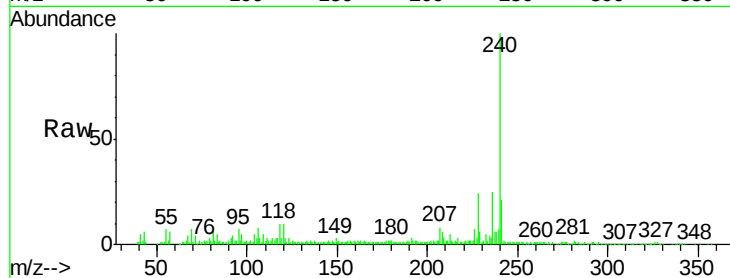




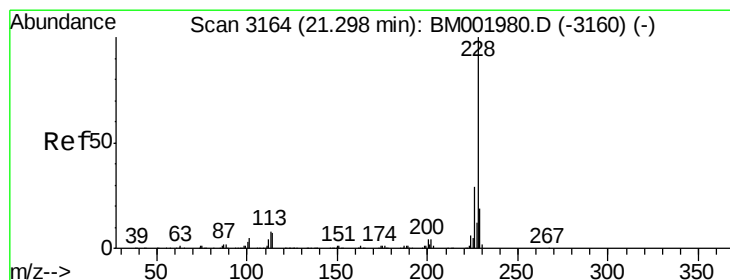
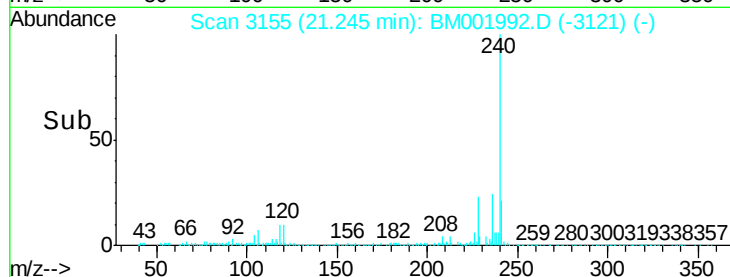
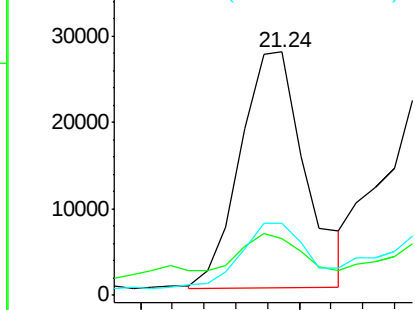
#82
Benzo(a)anthracene
Concen: 1.52 ng/ul
RT: 21.24 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BM001992.D
Acq: 21 Jul 2015 02:16

Instrument :
BNA_M
ClientSampleId :
C02J8

Tgt Ion:228 Resp: 38824
Ion Ratio Lower Upper
228 100
229 23.3 15.2 22.8#
226 29.6 20.8 31.2

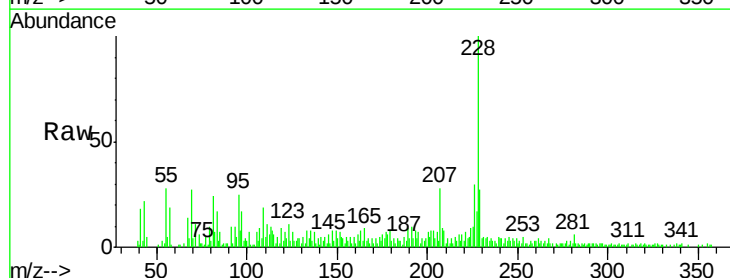


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

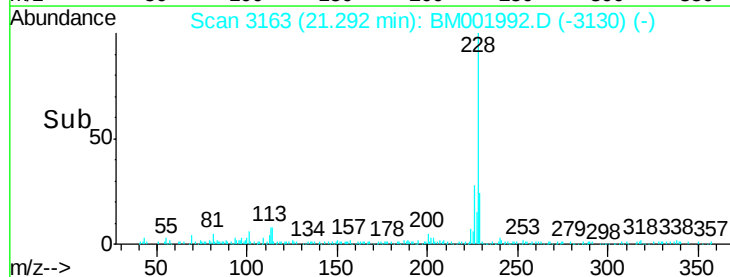
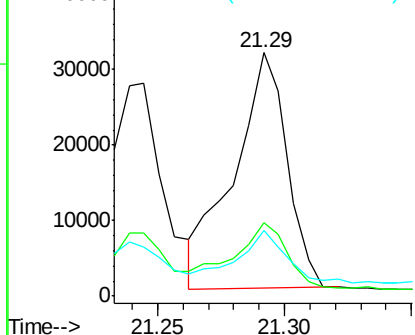


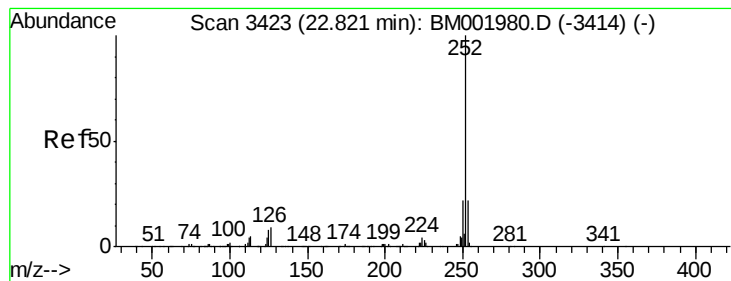
#84
Chrysene
Concen: 1.90 ng/ul
RT: 21.29 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BM001992.D
Acq: 21 Jul 2015 02:16

Tgt Ion:228 Resp: 45352
Ion Ratio Lower Upper
228 100
226 30.0 22.6 33.8
229 26.9 15.4 23.0#



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





#87

Benzo(b)fluoranthene

Concen: 2.56 ng/ul

RT: 22.82 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM001992.D

Acq: 21 Jul 2015 02:16

Instrument :

BNA_M

ClientSampleId :

C02J8

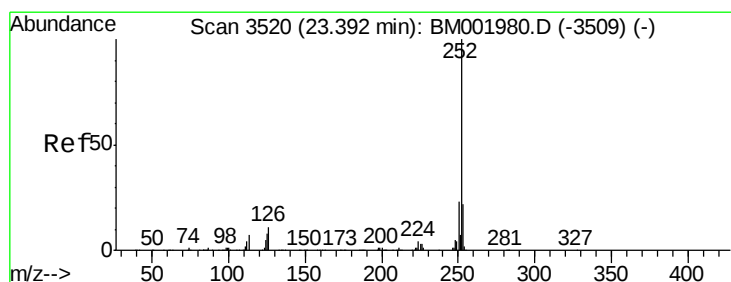
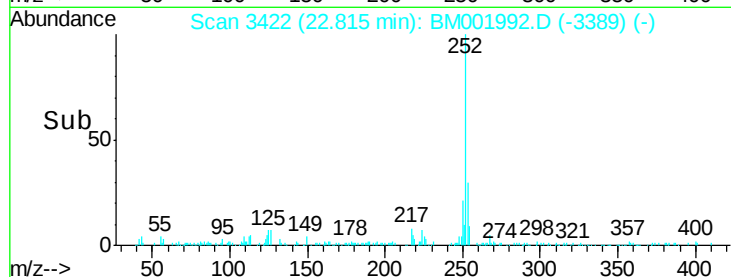
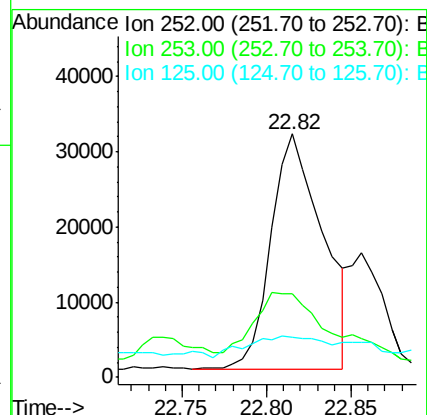
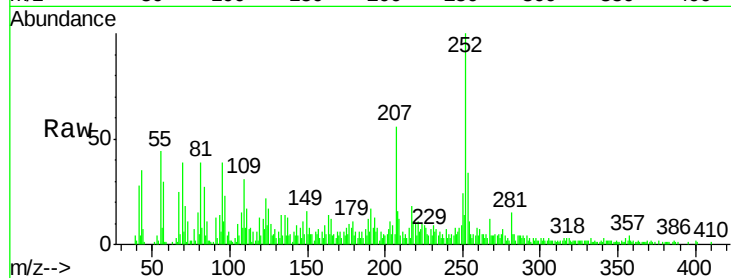
Tgt Ion:252 Resp: 66349

Ion Ratio Lower Upper

252 100

253 34.2 17.6 26.4#

125 16.6 6.1 9.1#



#90

Benzo(a)pyrene

Concen: 1.73 ng/ul

RT: 23.39 min Scan# 3520

Delta R.T. -0.00 min

Lab File: BM001992.D

Acq: 21 Jul 2015 02:16

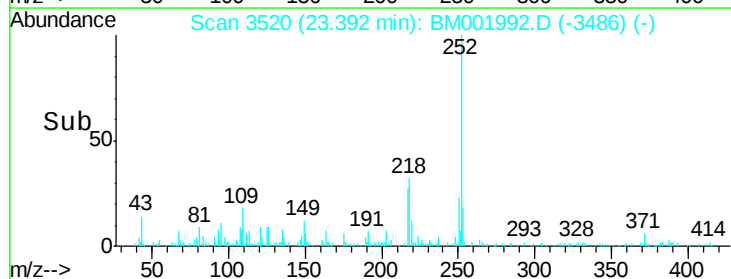
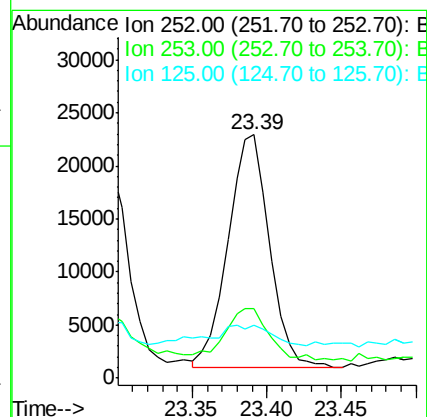
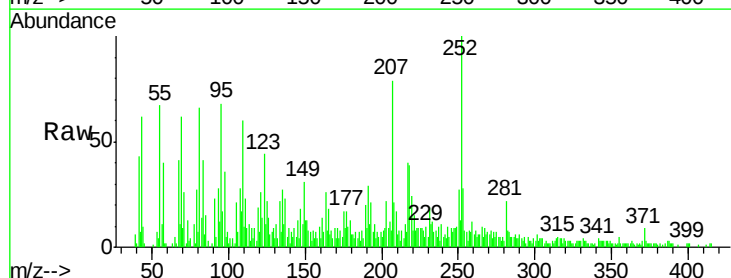
Tgt Ion:252 Resp: 42151

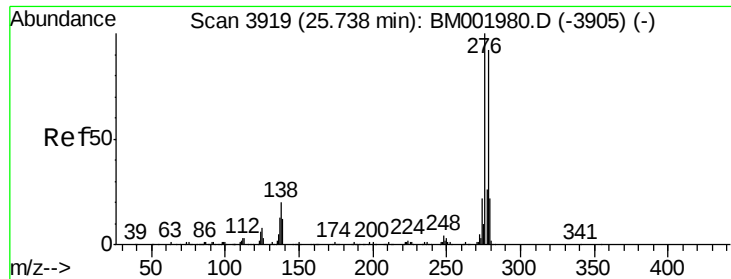
Ion Ratio Lower Upper

252 100

253 28.4 17.4 26.2#

125 21.6 6.4 9.6#





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.17 ng/ul

RT: 25.73 min Scan# 3918

Delta R.T. -0.01 min

Lab File: BM001992.D

Acq: 21 Jul 2015 02:16

Instrument :

BNA_M

ClientSampleId :

C02J8

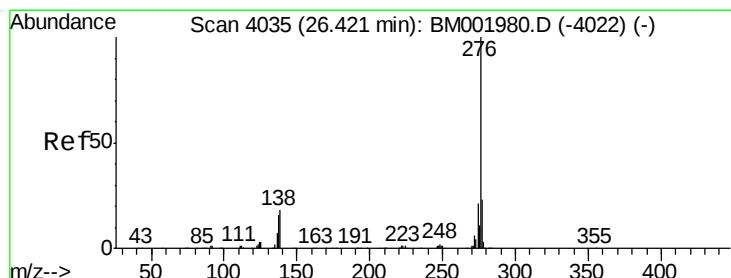
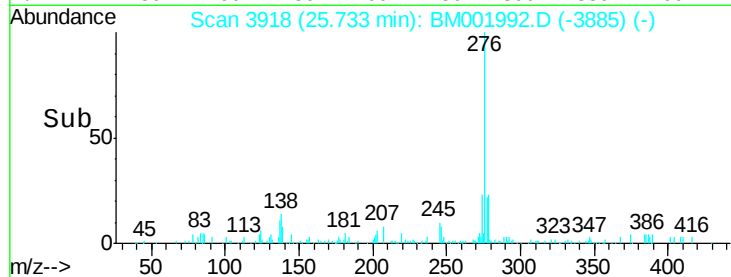
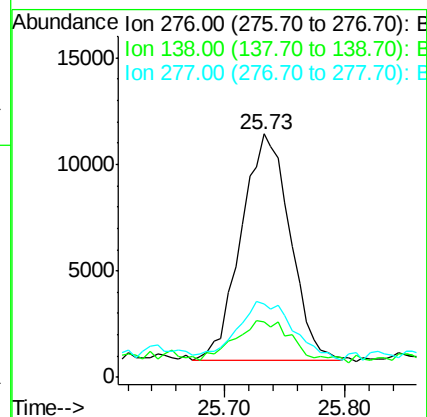
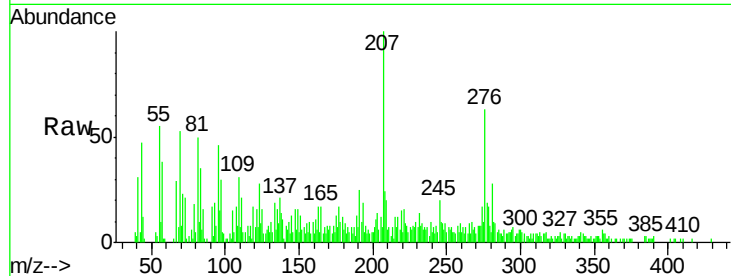
Tgt Ion:276 Resp: 29958

Ion Ratio Lower Upper

276 100

138 22.6 15.4 23.0

277 30.2 19.9 29.9#



#93

Benzo(g,h,i)perylene

Concen: 1.40 ng/ul

RT: 26.43 min Scan# 4036

Delta R.T. 0.01 min

Lab File: BM001992.D

Acq: 21 Jul 2015 02:16

Tgt Ion:276 Resp: 29417

Ion Ratio Lower Upper

276 100

138 24.7 13.3 19.9#

277 32.8 18.6 27.8#

