

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001987.D
 Acq On : 20 Jul 2015 23:11
 Operator : TP/UM
 Sample : G3000-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02C2

Quant Time: Jul 21 01:40:21 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	112391	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	465367	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	277497	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	583649	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	489890	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	460600	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	11117	4.84	ng/uL	0.00
5) Phenol-d5	6.83	99	270460	29.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	150092	30.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	225062	30.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	225366	29.90	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	104211	29.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	113033	29.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	226386	29.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	220338	27.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	614276	27.45	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	630837	23.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	92058	24.29	ng/ul	0.00
57) Fluorene-d10	15.31	176	395921	20.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	18718	4.95	ng/ul	0.00
70) Anthracene-d10	17.16	188	566296	20.67	ng/ul	0.00
78) Pyrene-d10	19.46	212	469400	20.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	351046	15.07	ng/ul	0.00

Target Compounds

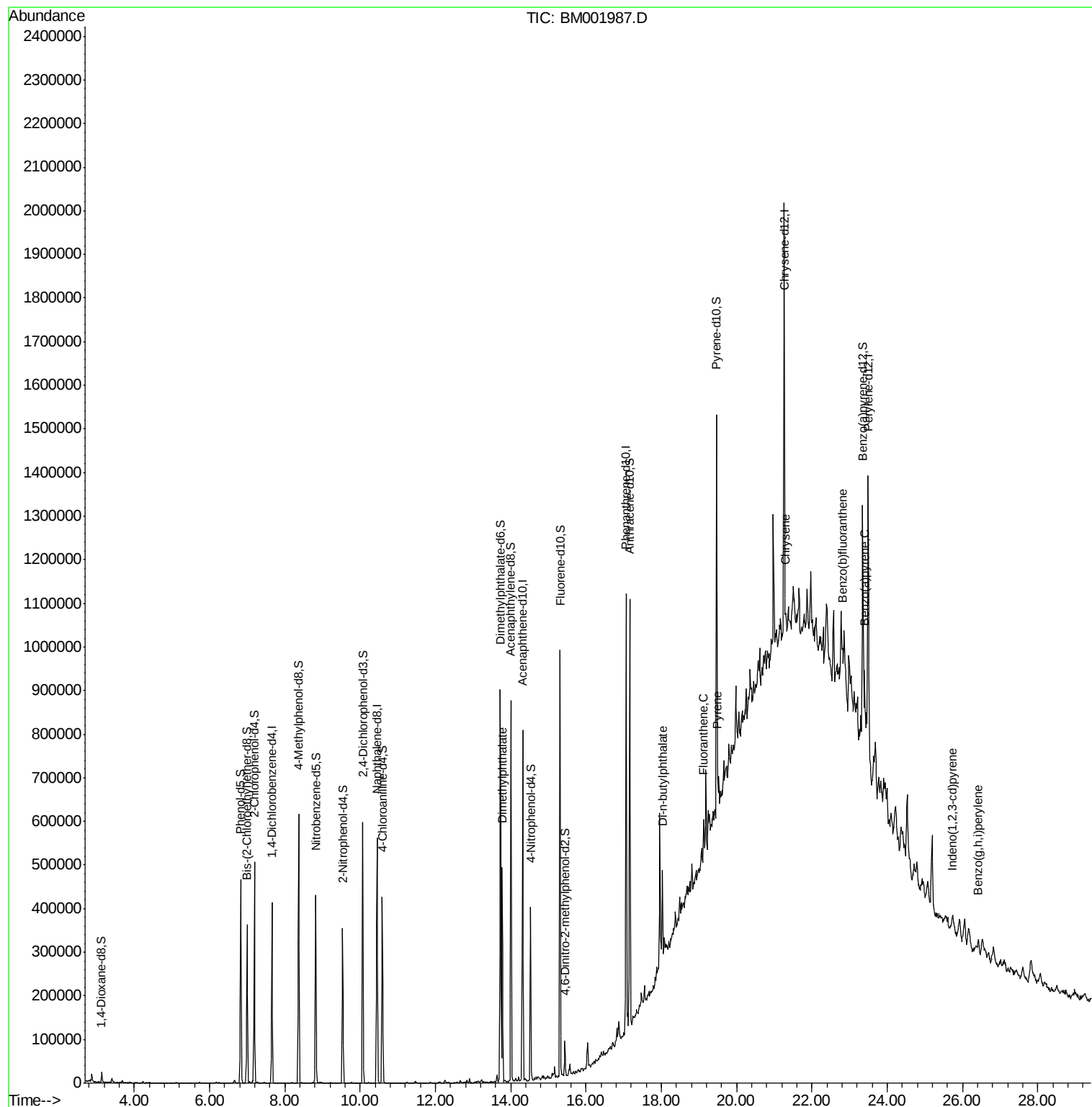
						Qvalue
44) Dimethylphthalate	13.77	163	323008	14.19	ng/ul	98
75) Di-n-butylphthalate	18.03	149	136314	4.02	ng/ul	98
76) Fluoranthene	19.13	202	46691	1.26	ng/ul	98
79) Pyrene	19.49	202	48725	1.66	ng/ul	96
84) Chrysene	21.29	228	30722	1.12	ng/ul#	78
87) Benzo(b)fluoranthene	22.81	252	53701	1.90	ng/ul#	53
90) Benzo(a)pyrene	23.39	252	27515	1.04	ng/ul#	52
91) Indeno(1,2,3-cd)pyrene	25.73	276	28565	1.03	ng/ul	95
93) Benzo(g,h,i)perylene	26.43	276	28973	1.27	ng/ul#	89

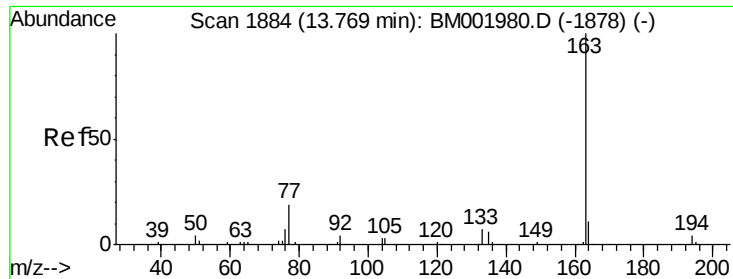
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 14.19 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BM001987.D

Acq: 20 Jul 2015 23:11

Instrument :

BNA_M

ClientSampleId :

C02C2

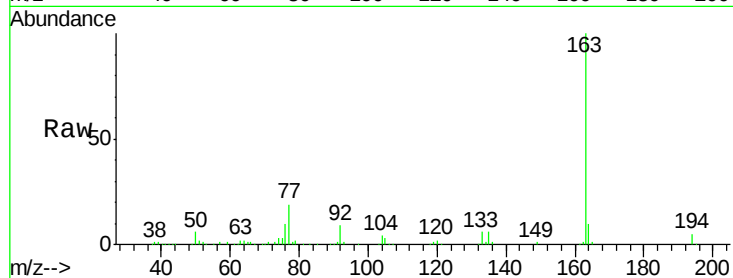
Tgt Ion:163 Resp: 323008

Ion Ratio Lower Upper

163 100

194 4.7 3.3 4.9

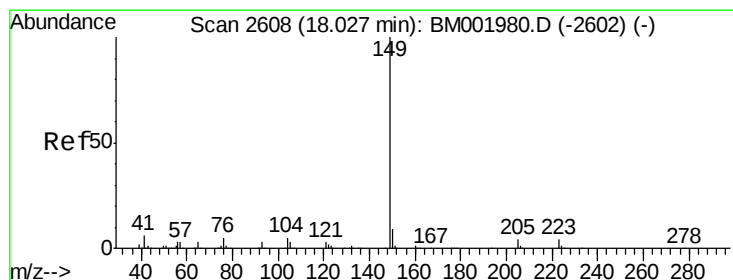
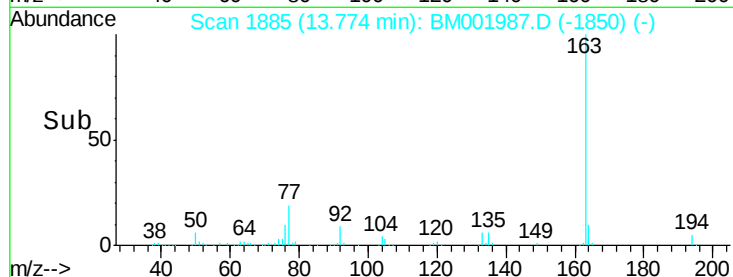
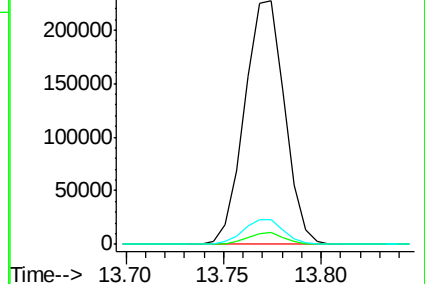
164 10.4 7.6 11.4



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



#75

Di-n-butylphthalate

Concen: 4.02 ng/ul

RT: 18.03 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BM001987.D

Acq: 20 Jul 2015 23:11

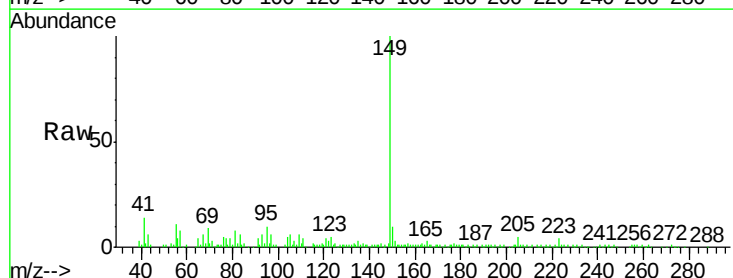
Tgt Ion:149 Resp: 136314

Ion Ratio Lower Upper

149 100

150 9.7 7.3 10.9

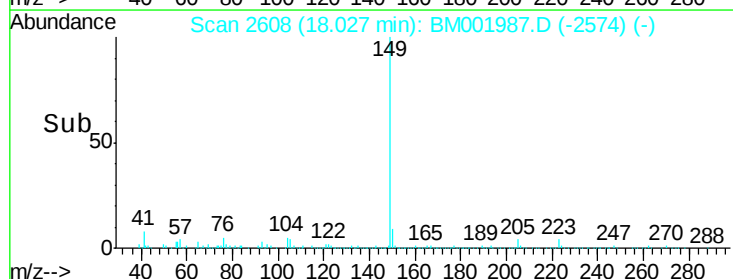
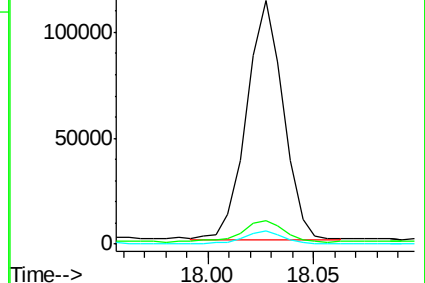
104 5.2 4.5 6.7

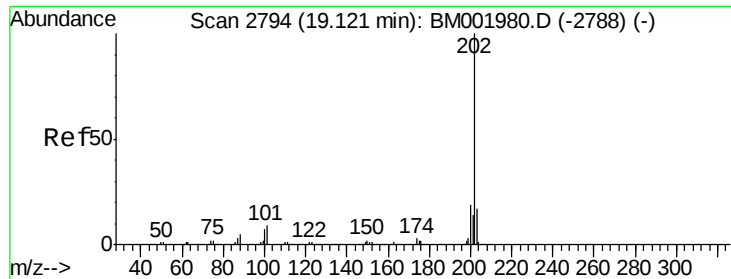


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

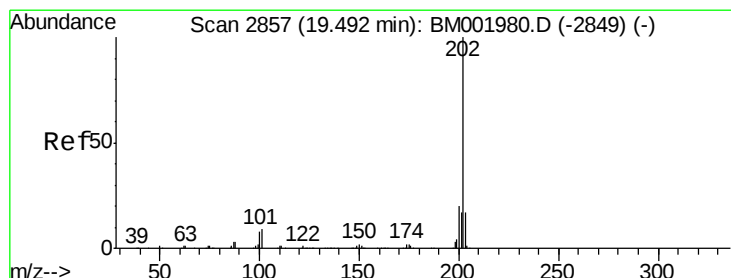
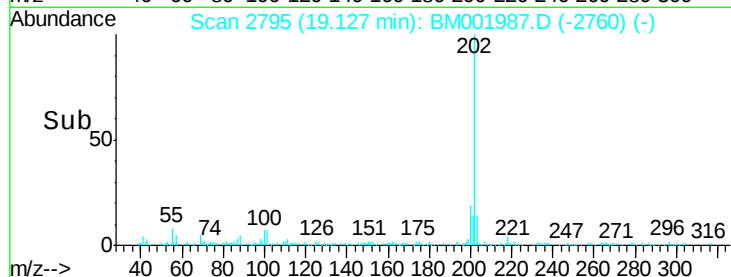
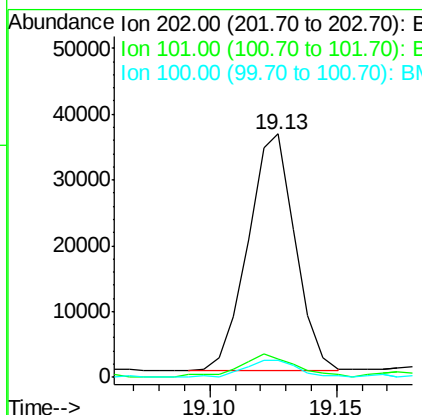
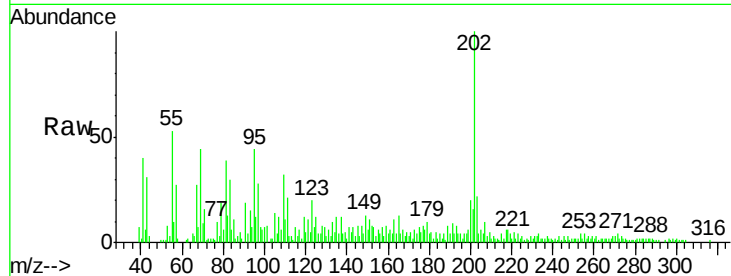




#76
 Fluoranthene
 Concen: 1.26 ng/ul
 RT: 19.13 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: BM001987.D
 Acq: 20 Jul 2015 23:11

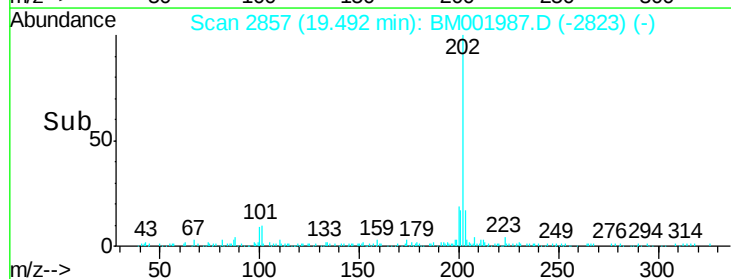
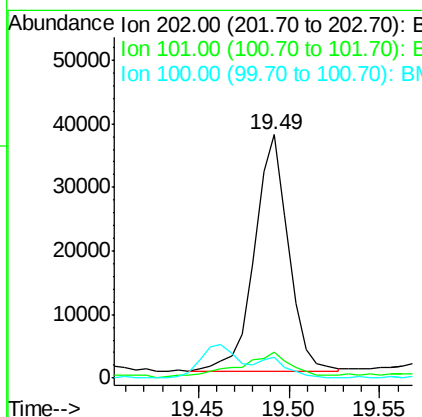
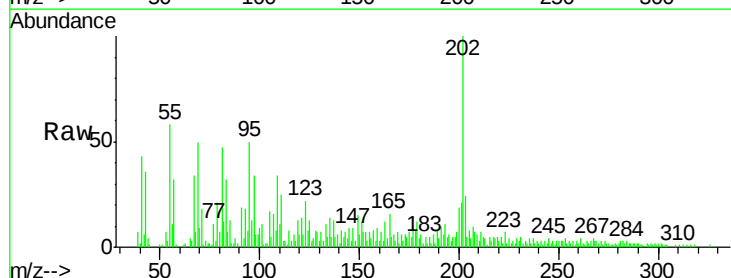
Instrument :
 BNA_M
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 C02C2

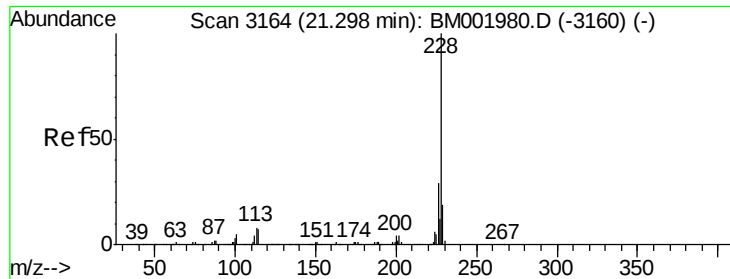
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.6	9.8
100	7.2	5.2	7.8



#79
 Pyrene
 Concen: 1.66 ng/ul
 RT: 19.49 min Scan# 2857
 Delta R.T. -0.00 min
 Lab File: BM001987.D
 Acq: 20 Jul 2015 23:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.4	11.0
100	8.5	5.9	8.9





#84

Chrysene

Concen: 1.12 ng/ul

RT: 21.29 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BM001987.D

Acq: 20 Jul 2015 23:11

Instrument :

BNA_M

ClientSampled :

C02C2

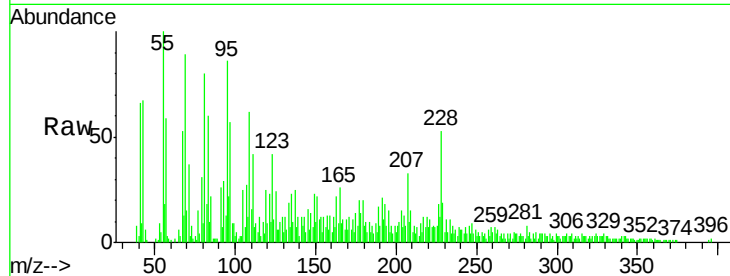
Tgt Ion:228 Resp: 30722

Ion Ratio Lower Upper

228 100

226 34.8 22.6 33.8#

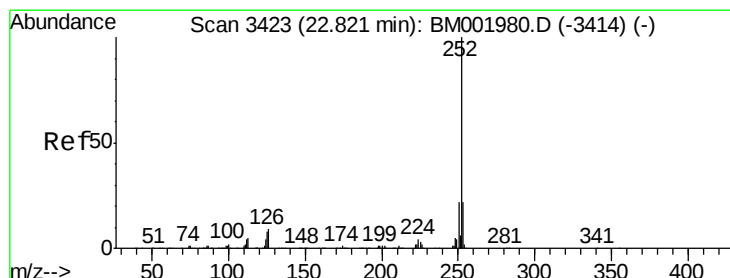
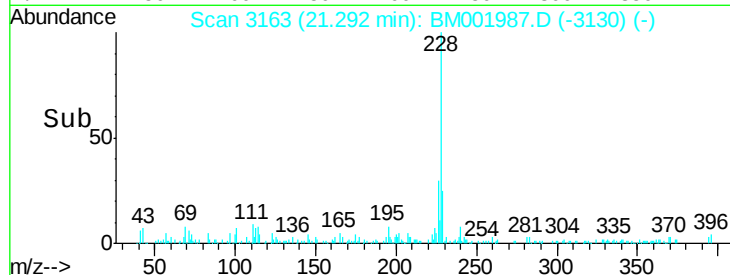
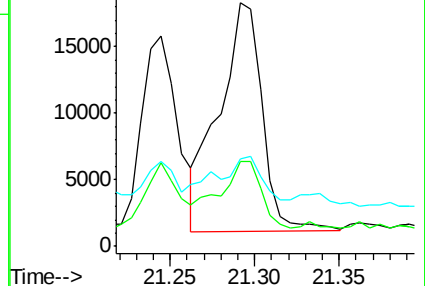
229 35.7 15.4 23.0#



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: 1.90 ng/ul

RT: 22.81 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM001987.D

Acq: 20 Jul 2015 23:11

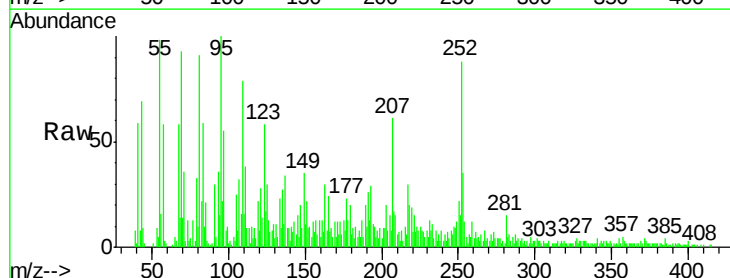
Tgt Ion:252 Resp: 53701

Ion Ratio Lower Upper

252 100

253 39.5 17.6 26.4#

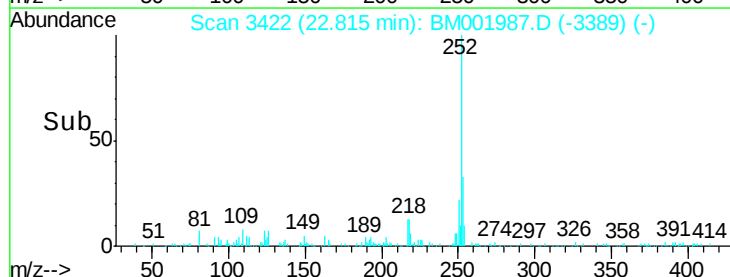
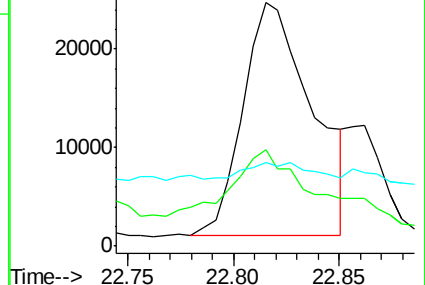
125 34.2 6.1 9.1#

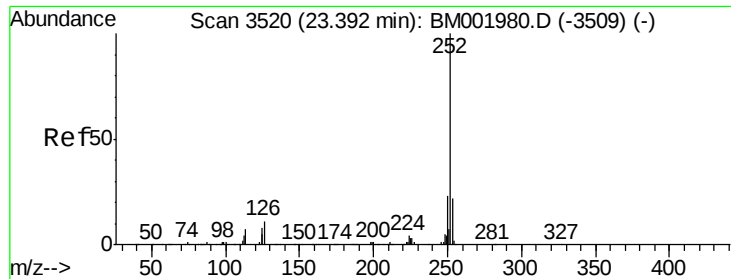


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.04 ng/ul

RT: 23.39 min Scan# 3520

Delta R.T. -0.00 min

Lab File: BM001987.D

Acq: 20 Jul 2015 23:11

Instrument :

BNA_M

ClientSampleId :

C02C2

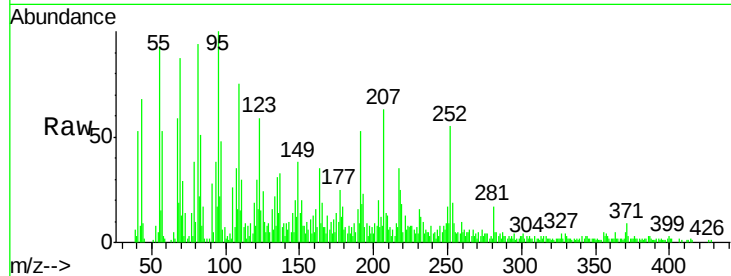
Tgt Ion:252 Resp: 27515

Ion Ratio Lower Upper

252 100

253 35.4 17.4 26.2#

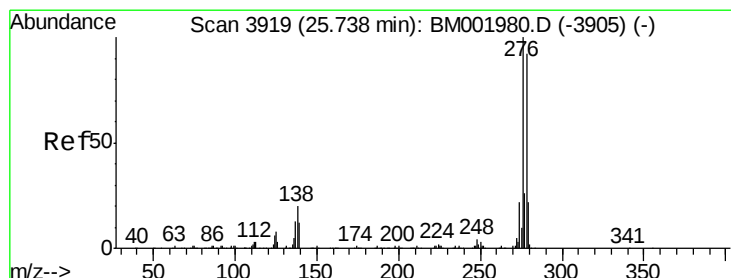
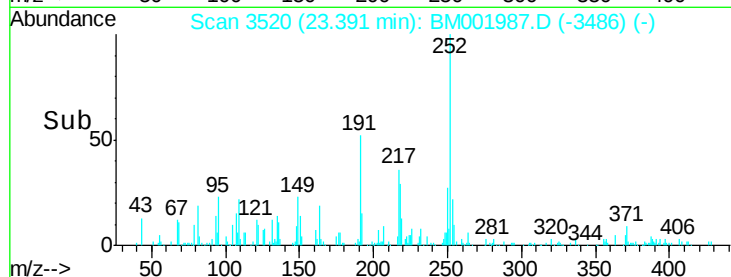
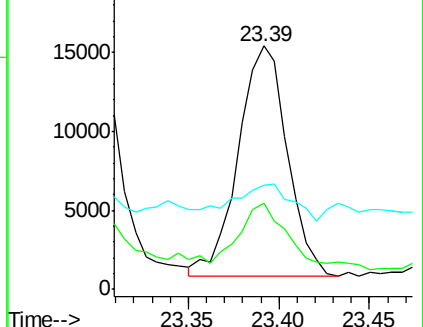
125 43.0 6.4 9.6#



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: 1.03 ng/ul

RT: 25.73 min Scan# 3918

Delta R.T. -0.01 min

Lab File: BM001987.D

Acq: 20 Jul 2015 23:11

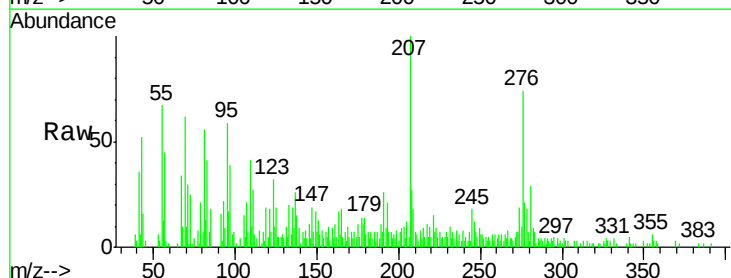
Tgt Ion:276 Resp: 28565

Ion Ratio Lower Upper

276 100

138 20.1 15.4 23.0

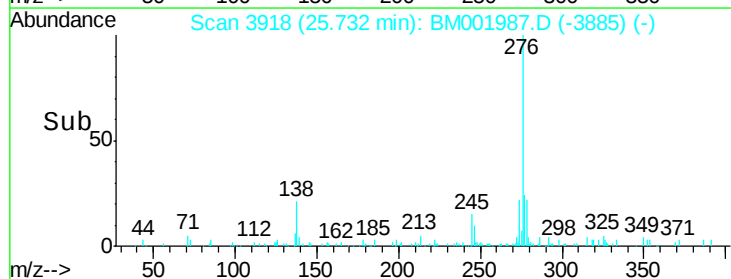
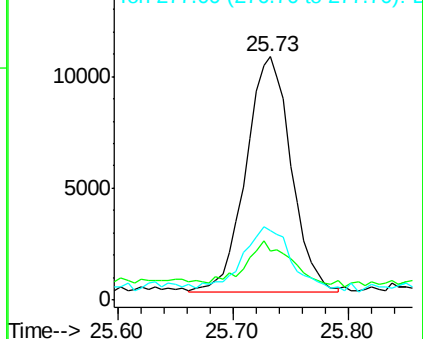
277 28.8 19.9 29.9

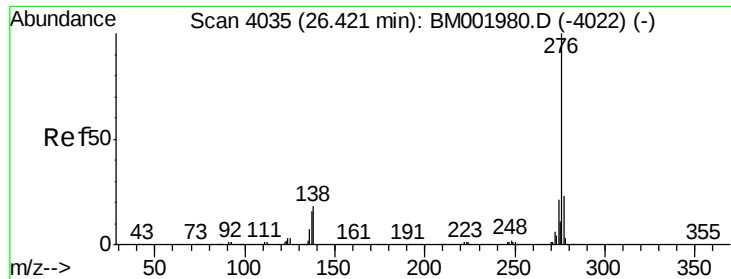


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.27 ng/ul

RT: 26.43 min Scan# 4036

Delta R.T. 0.01 min

Lab File: BM001987.D

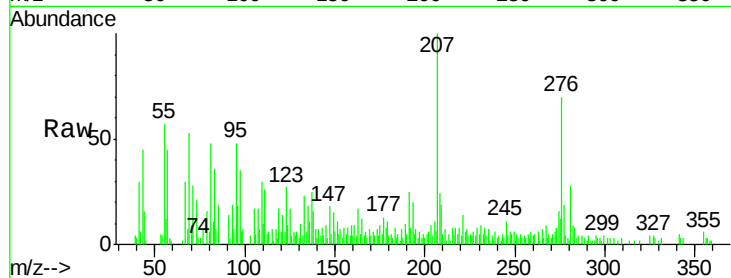
Acq: 20 Jul 2015 23:11

Instrument :

BNA_M

ClientSampleId :

C02C2



Tgt Ion:	276	Resp:	28973
Ion	Ratio	Lower	Upper
276	100		
138	22.9	13.3	19.9#
277	27.3	18.6	27.8

