

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001985.D
 Acq On : 20 Jul 2015 21:57
 Operator : TP/UM
 Sample : G3000-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B4

Quant Time: Jul 21 01:39:54 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	7.65	152	106633	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	441661	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	263829	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	588035	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	528632	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	446972	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2083	0.96	ng/uL	0.00
5) Phenol-d5	6.82	99	51894	5.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	31760	6.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	44411	6.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	22771	3.18	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	21860	6.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	21233	5.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	44091	5.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	33690	4.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	146975	6.91	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	152346	5.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	15768	4.38	ng/ul	0.00
57) Fluorene-d10	15.30	176	108726	5.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	1484	0.39	ng/ul	0.00
70) Anthracene-d10	17.16	188	153516	5.56	ng/ul	0.00
78) Pyrene-d10	19.46	212	150765	6.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	92137	4.08	ng/ul	0.00

Target Compounds

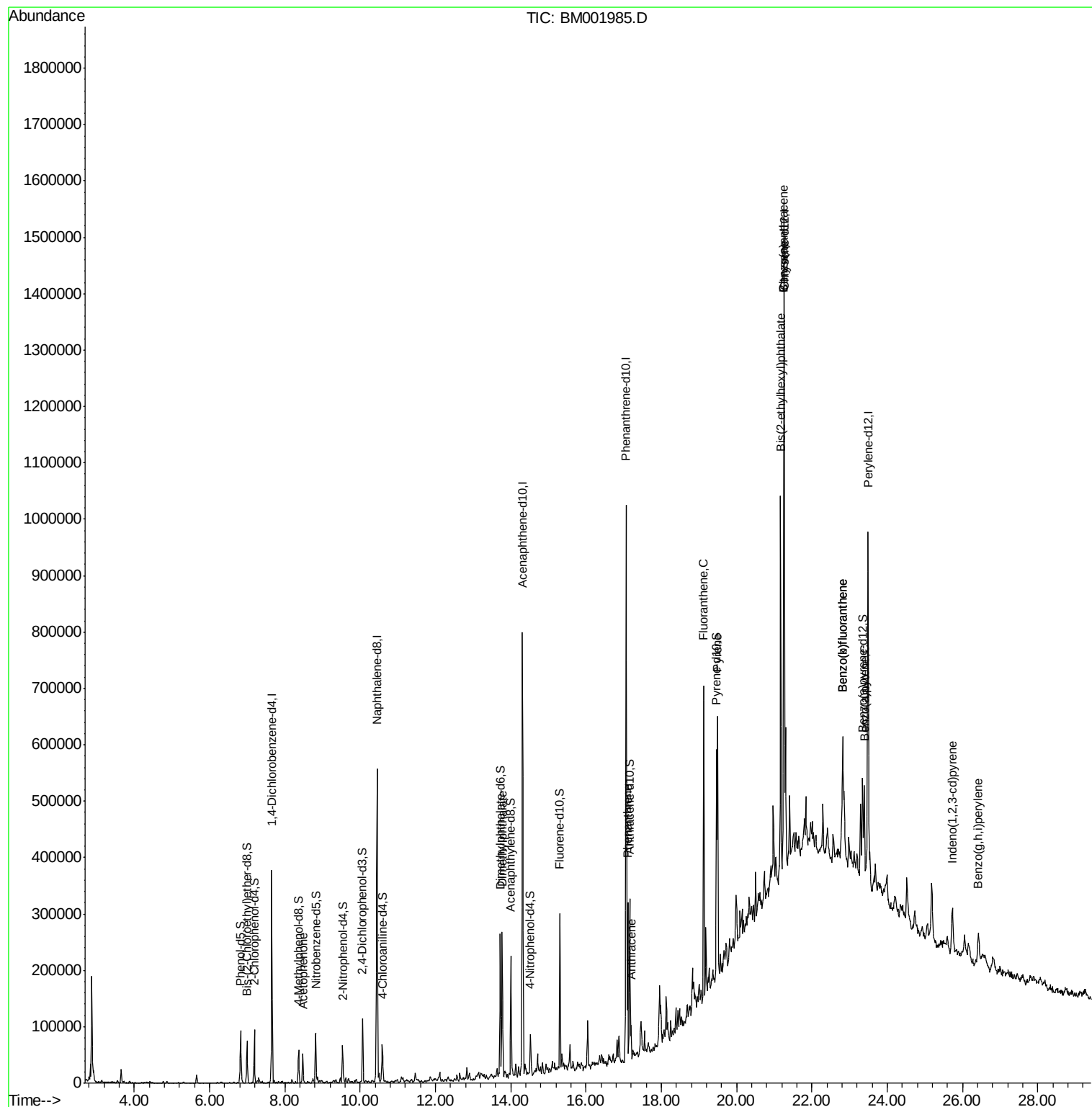
						Qvalue
14) Acetophenone	8.47	105	25381	2.25	ng/ul	95
44) Dimethylphthalate	13.77	163	152408	7.04	ng/ul	99
69) Phenanthrene	17.10	178	164448	5.16	ng/ul	99
71) Anthracene	17.19	178	38012	1.16	ng/ul	98
76) Fluoranthene	19.12	202	333751	8.96	ng/ul	97
79) Pyrene	19.49	202	297652	9.41	ng/ul	98
82) Benzo(a)anthracene	21.24	228	144796	4.60	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.17	149	232954	13.21	ng/ul	100
84) Chrysene	21.24	228	145132	4.92	ng/ul	95
87) Benzo(b)fluoranthene	22.82	252	178875	6.53	ng/ul#	96
88) Benzo(k)fluoranthene	22.82	252	93783	3.56	ng/ul#	94
90) Benzo(a)pyrene	23.39	252	104798	4.07	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.73	276	77831	2.88	ng/ul	96
93) Benzo(g,h,i)perylene	26.42	276	75172	3.39	ng/ul	98

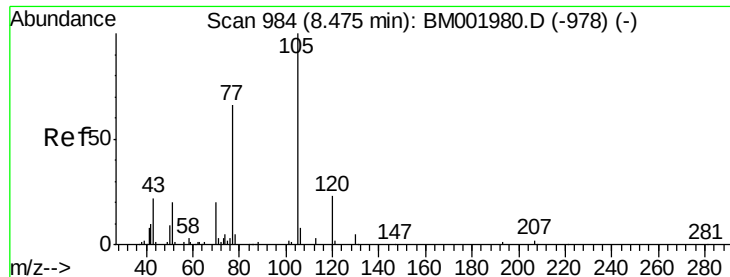
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 2.25 ng/ul

RT: 8.47 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001985.D

Acq: 20 Jul 2015 21:57

Instrument :

BNA_M

ClientSampleId :

C02B4

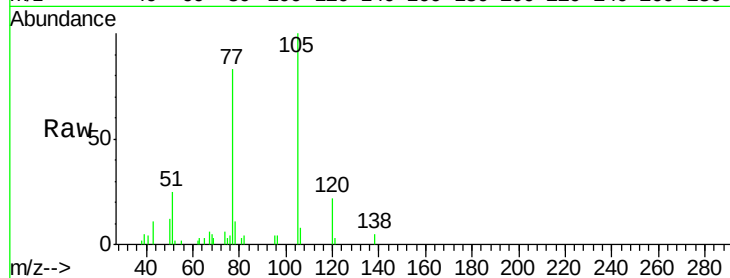
Tgt Ion:105 Resp: 25381

Ion Ratio Lower Upper

105 100

77 82.7 61.7 92.5

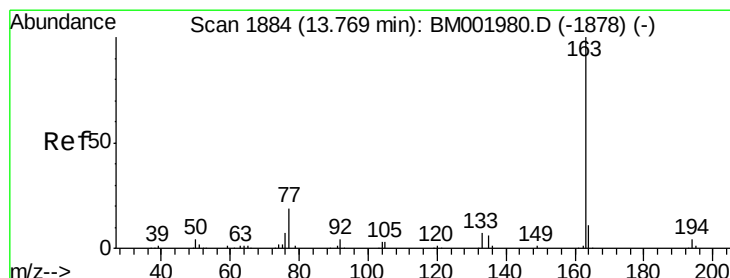
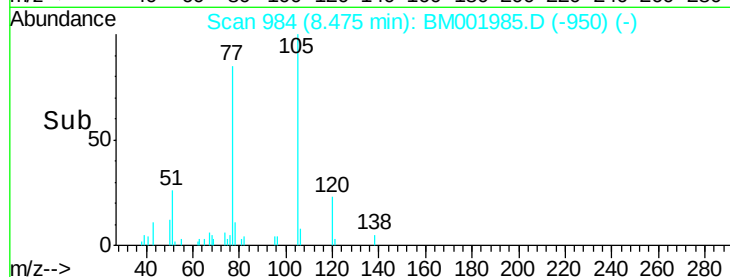
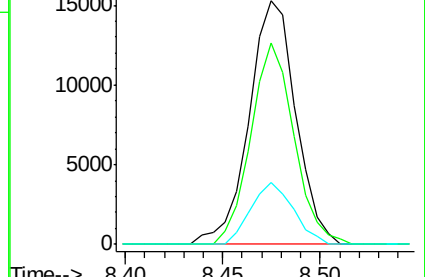
51 25.2 20.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#44

Dimethylphthalate

Concen: 7.04 ng/ul

RT: 13.77 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM001985.D

Acq: 20 Jul 2015 21:57

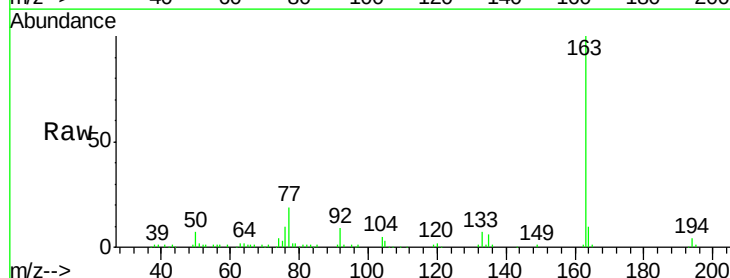
Tgt Ion:163 Resp: 152408

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

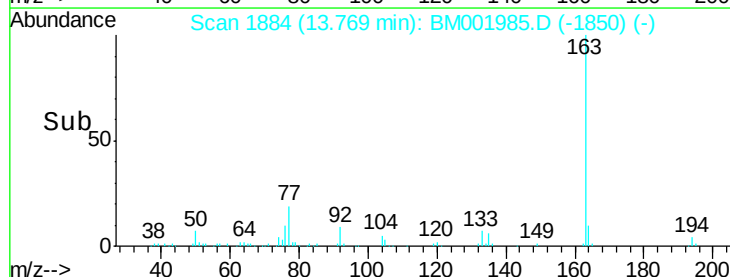
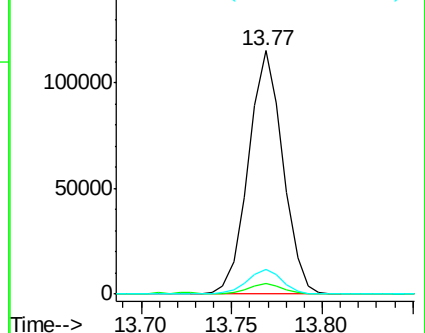
164 10.2 7.6 11.4

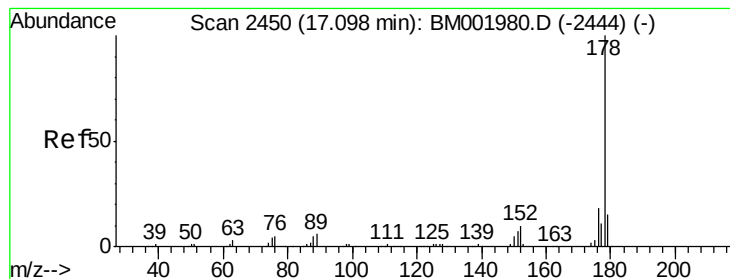


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 5.16 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BM001985.D

Acq: 20 Jul 2015 21:57

Instrument :

BNA_M

ClientSampleId :

C02B4

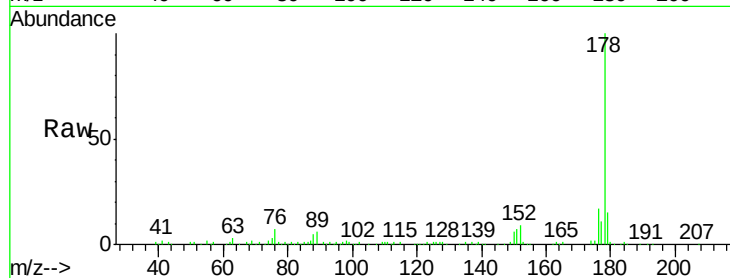
Tgt Ion:178 Resp: 164448

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.2

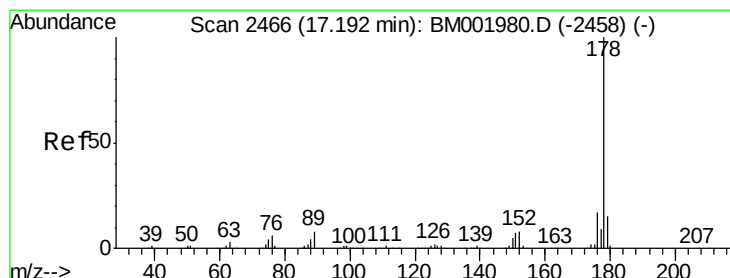
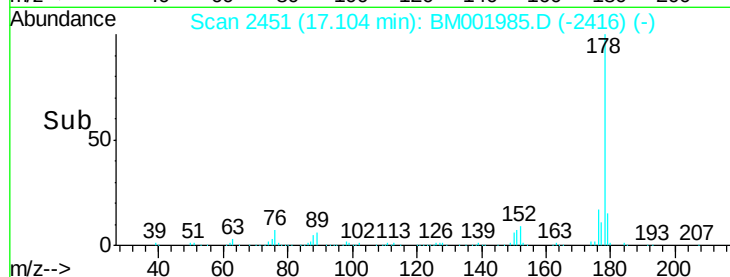
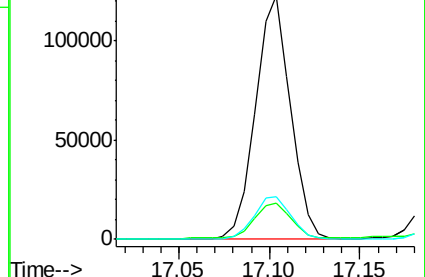
176 17.4 14.5 21.7



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: 1.16 ng/ul

RT: 17.19 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BM001985.D

Acq: 20 Jul 2015 21:57

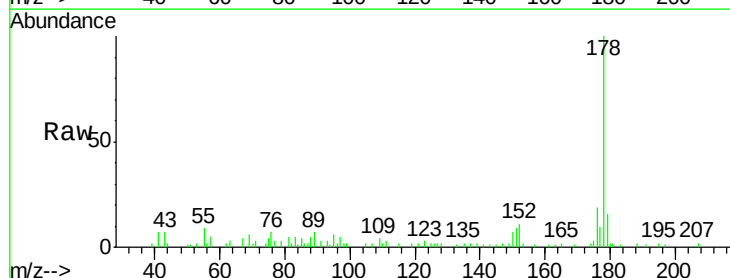
Tgt Ion:178 Resp: 38012

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

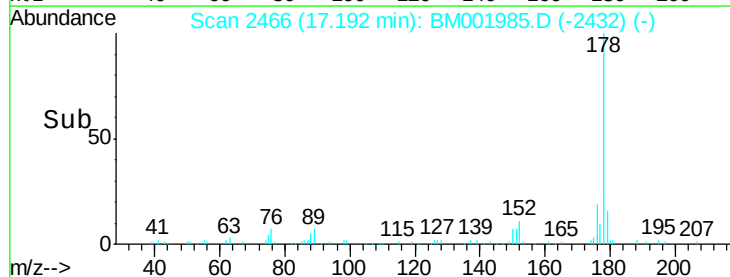
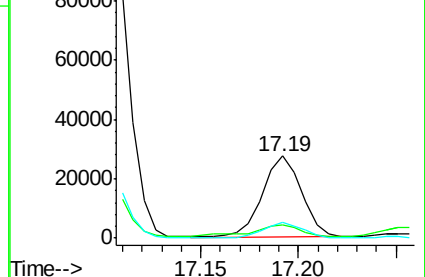
176 19.1 14.2 21.4

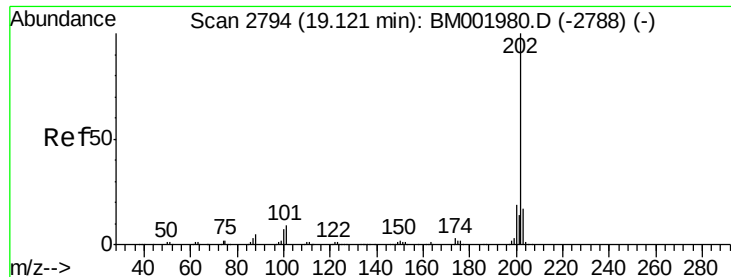


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 8.96 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM001985.D

Acq: 20 Jul 2015 21:57

Instrument :

BNA_M

ClientSampleId :

C02B4

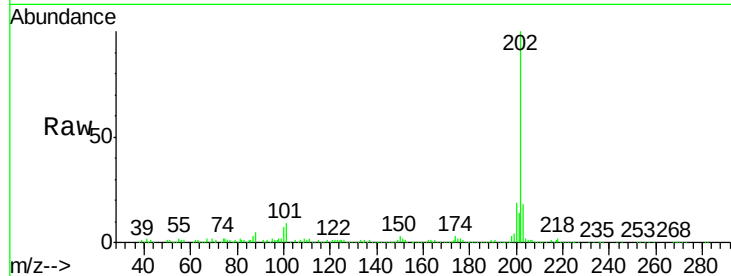
Tgt Ion:202 Resp: 333751

Ion Ratio Lower Upper

202 100

101 9.2 6.6 9.8

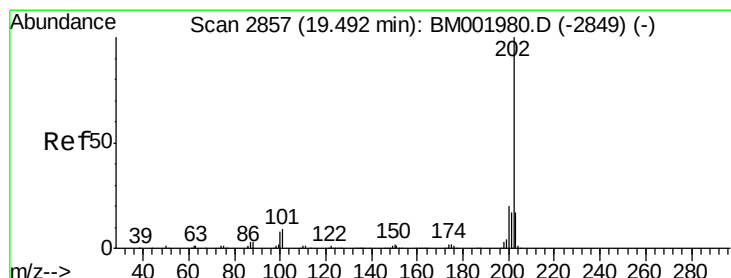
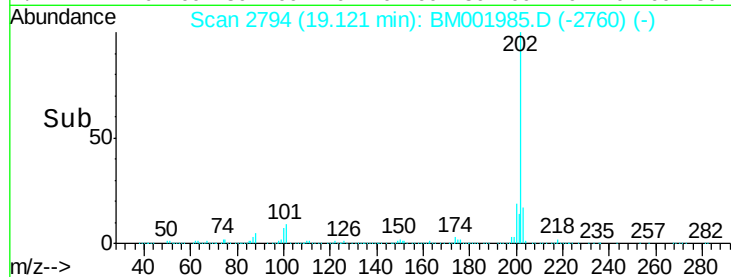
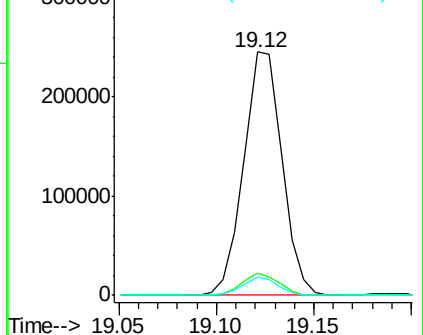
100 7.3 5.2 7.8



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: 9.41 ng/ul

RT: 19.49 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BM001985.D

Acq: 20 Jul 2015 21:57

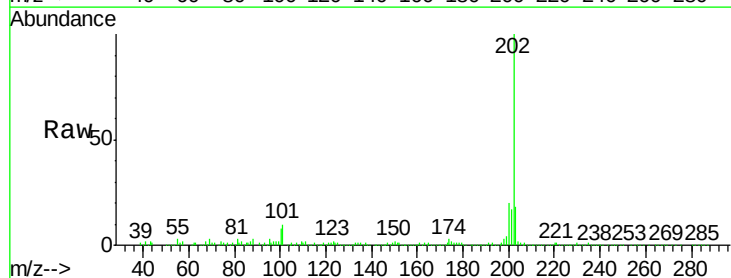
Tgt Ion:202 Resp: 297652

Ion Ratio Lower Upper

202 100

101 9.9 7.4 11.0

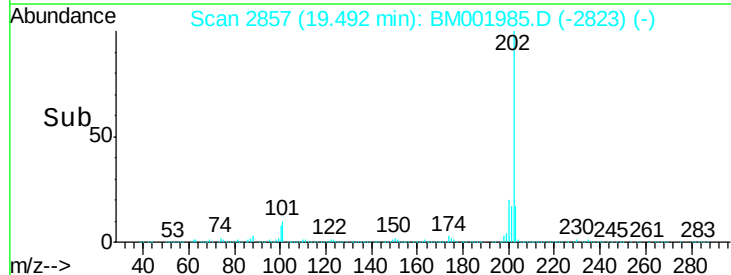
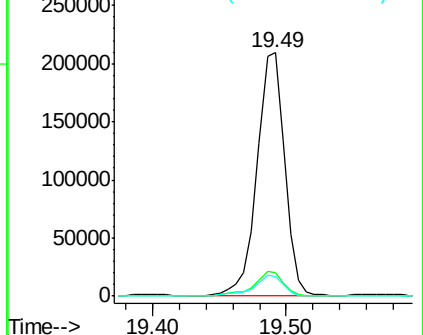
100 8.3 5.9 8.9

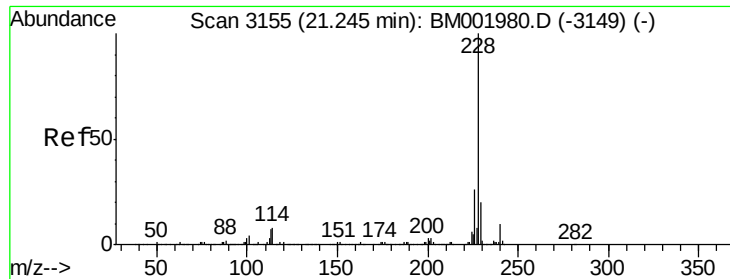


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 4.60 ng/ul

RT: 21.24 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BM001985.D

Acq: 20 Jul 2015 21:57

Instrument :

BNA_M

ClientSampleId :

C02B4

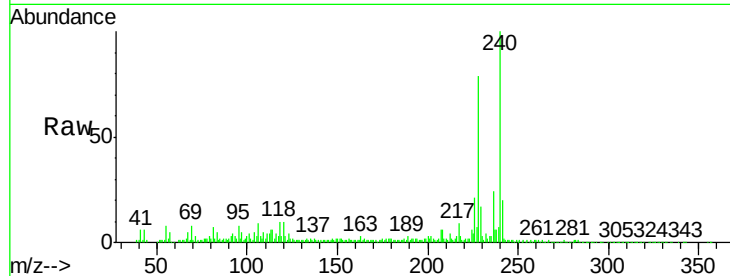
Tgt Ion:228 Resp: 144796

Ion Ratio Lower Upper

228 100

229 22.0 15.2 22.8

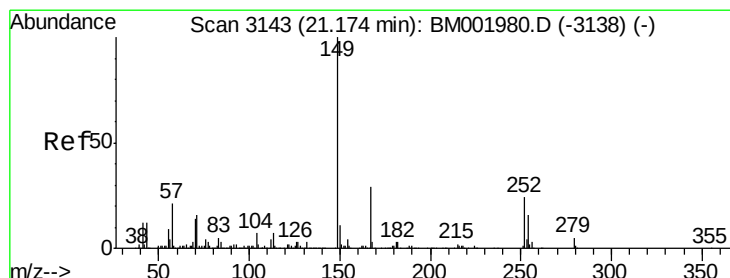
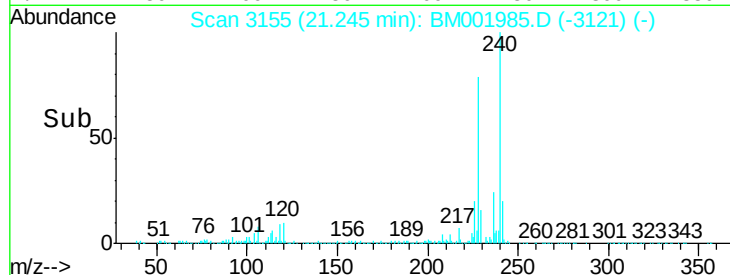
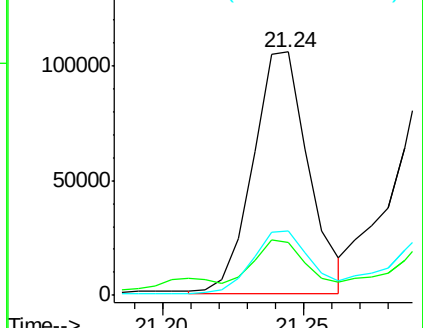
226 26.4 20.8 31.2



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: 13.21 ng/ul

RT: 21.17 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BM001985.D

Acq: 20 Jul 2015 21:57

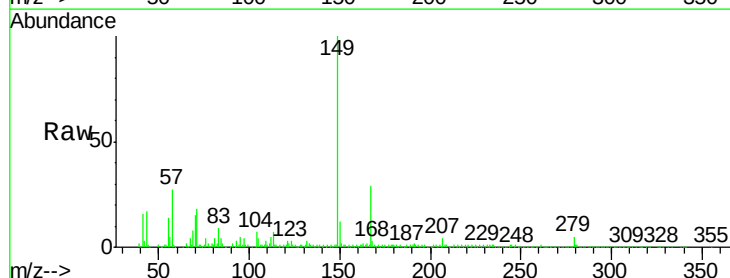
Tgt Ion:149 Resp: 232954

Ion Ratio Lower Upper

149 100

167 29.0 23.4 35.0

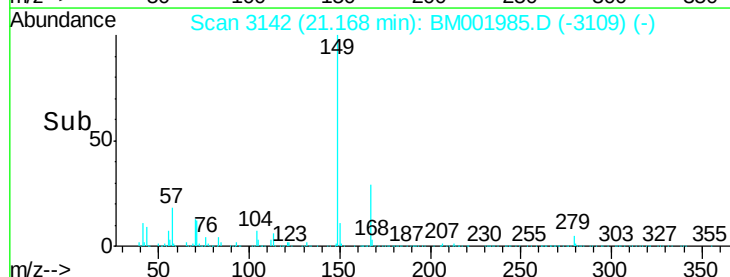
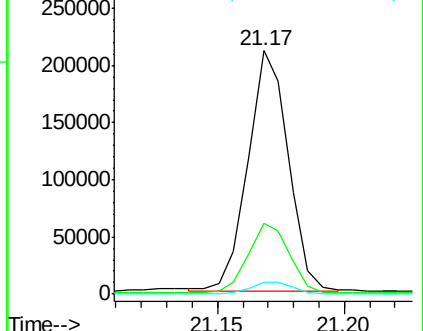
279 4.9 4.0 6.0

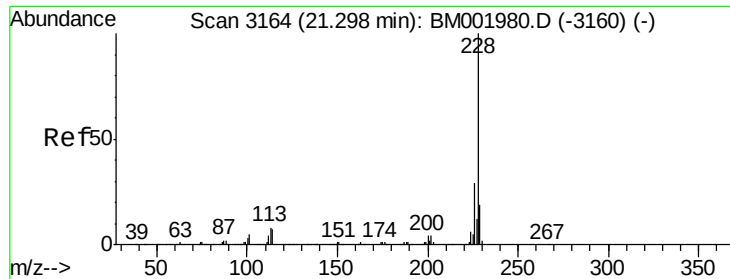


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 4.92 ng/ul

RT: 21.24 min Scan# 3155

Delta R.T. -0.05 min

Lab File: BM001985.D

Acq: 20 Jul 2015 21:57

Instrument :

BNA_M

ClientSampleId :

C02B4

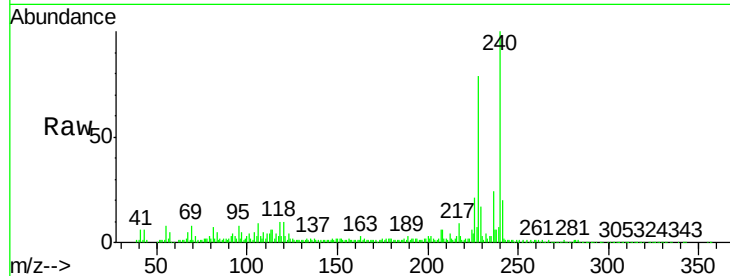
Tgt Ion:228 Resp: 145132

Ion Ratio Lower Upper

228 100

226 26.4 22.6 33.8

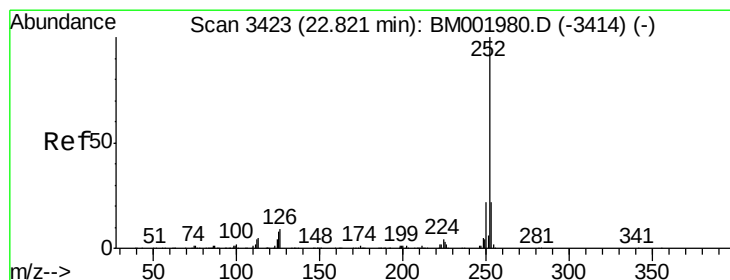
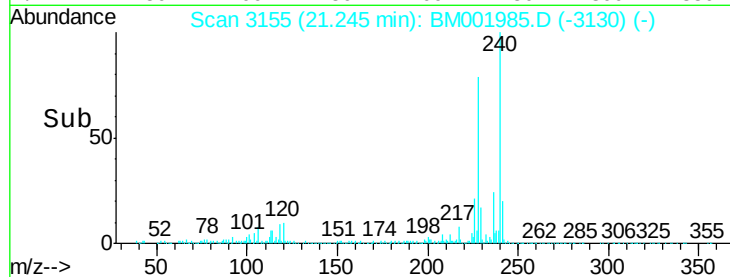
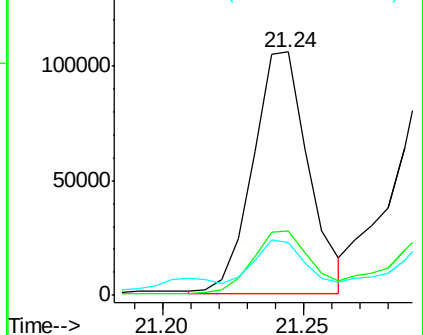
229 22.0 15.4 23.0



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: 6.53 ng/ul

RT: 22.82 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM001985.D

Acq: 20 Jul 2015 21:57

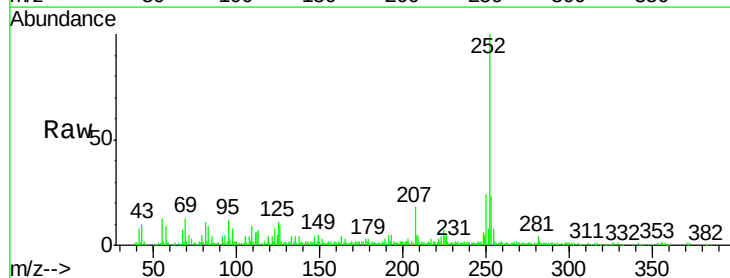
Tgt Ion:252 Resp: 178875

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

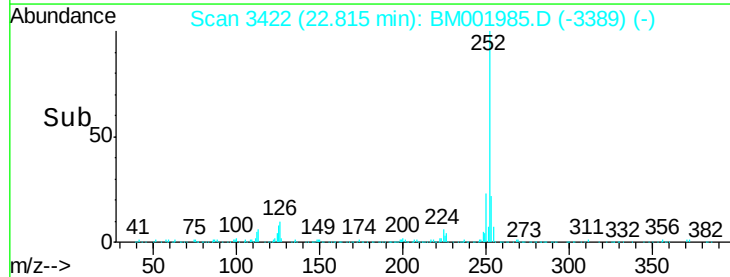
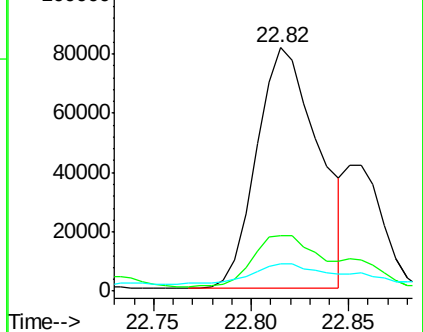
125 11.2 6.1 9.1#

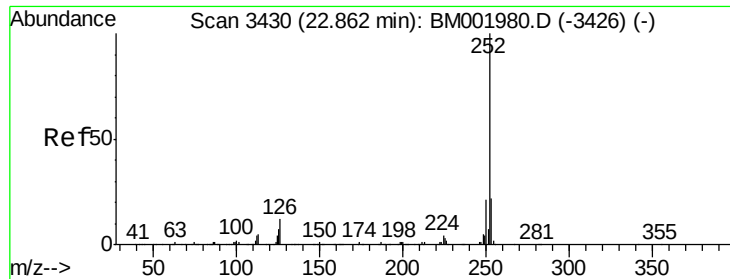


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 3.56 ng/ul

RT: 22.82 min Scan# 3422

Delta R.T. -0.05 min

Lab File: BM001985.D

Acq: 20 Jul 2015 21:57

Instrument :

BNA_M

ClientSampleId :

C02B4

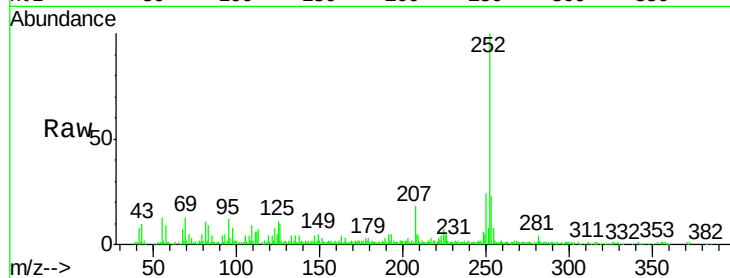
Tgt Ion:252 Resp: 93783

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

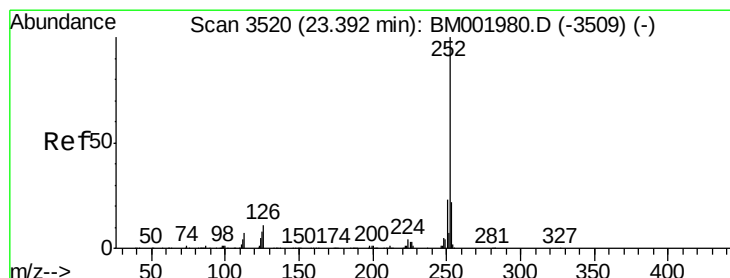
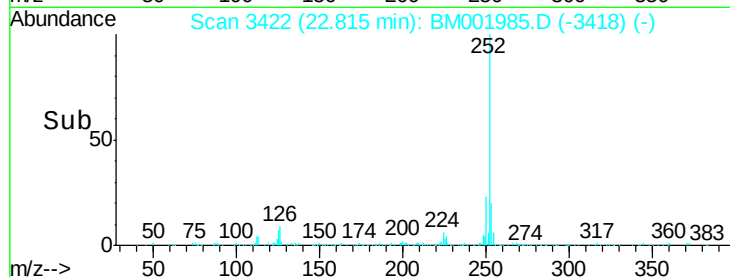
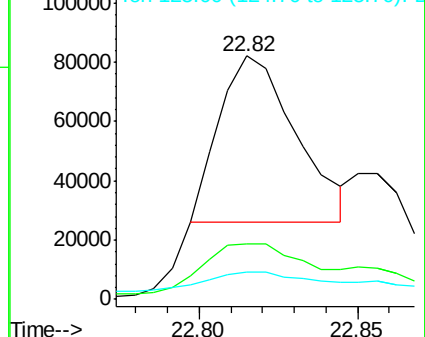
125 11.2 5.6 8.4#



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



#90

Benzo(a)pyrene

Concen: 4.07 ng/ul

RT: 23.39 min Scan# 3519

Delta R.T. -0.01 min

Lab File: BM001985.D

Acq: 20 Jul 2015 21:57

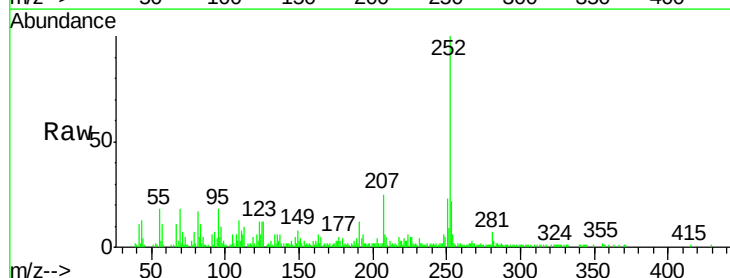
Tgt Ion:252 Resp: 104798

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

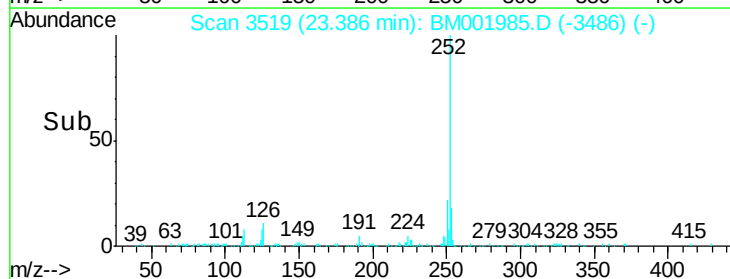
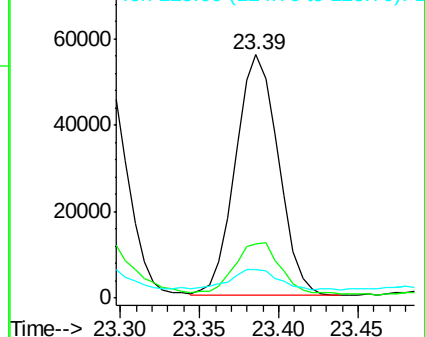
125 11.8 6.4 9.6#

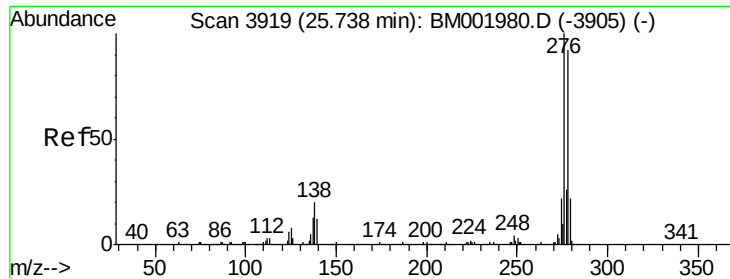


Abundance Ion 252.00 (251.70 to 252.70): E

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: 2.88 ng/ul

RT: 25.73 min Scan# 3917

Delta R.T. -0.01 min

Lab File: BM001985.D

Acq: 20 Jul 2015 21:57

Instrument :

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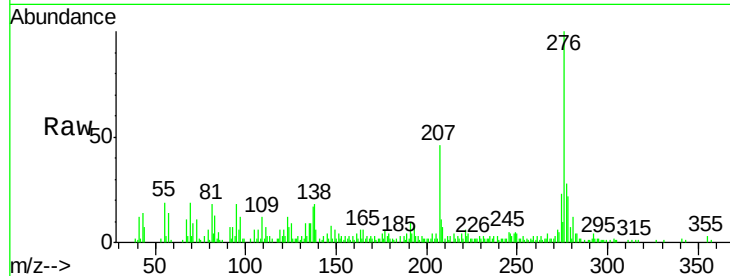
Tgt Ion:276 Resp: 77831

Ion Ratio Lower Upper

276 100

138 18.1 15.4 23.0

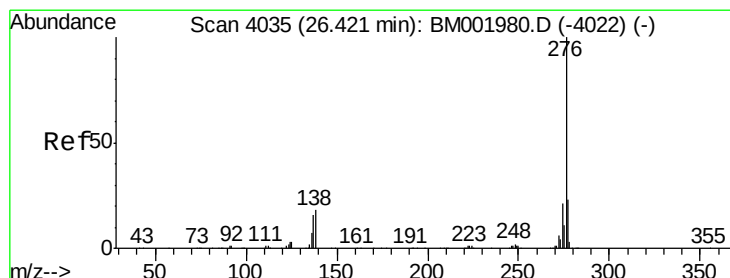
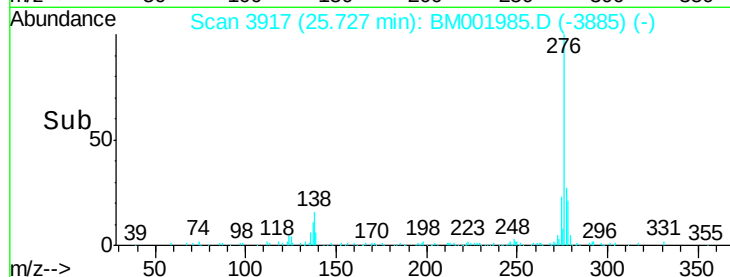
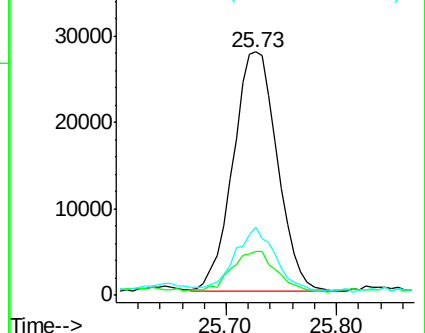
277 27.9 19.9 29.9



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: 3.39 ng/ul

RT: 26.42 min Scan# 4035

Delta R.T. -0.00 min

Lab File: BM001985.D

Acq: 20 Jul 2015 21:57

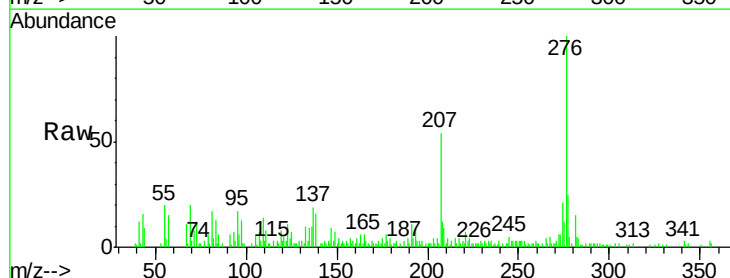
Tgt Ion:276 Resp: 75172

Ion Ratio Lower Upper

276 100

138 16.2 13.3 19.9

277 24.7 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

