

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001982.D
 Acq On : 20 Jul 2015 20:05
 Operator : TP/UM
 Sample : G3000-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B0

Quant Time: Jul 21 01:39:17 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	95928	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	407010	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	247165	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	557698	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	499438	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	444410	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2083	1.06	ng/uL	0.00
5) Phenol-d5	6.82	99	56922	7.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	31861	7.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	46975	7.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	36075	5.61	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	21478	7.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	22318	6.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	50646	7.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	33657	4.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	169894	8.52	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	182171	7.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	21246	6.29	ng/ul	0.00
57) Fluorene-d10	15.30	176	135490	7.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	4119	1.14	ng/ul	0.00
70) Anthracene-d10	17.16	188	200964	7.68	ng/ul	0.00
78) Pyrene-d10	19.46	212	200159	8.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	139237	6.20	ng/ul	0.00

Target Compounds

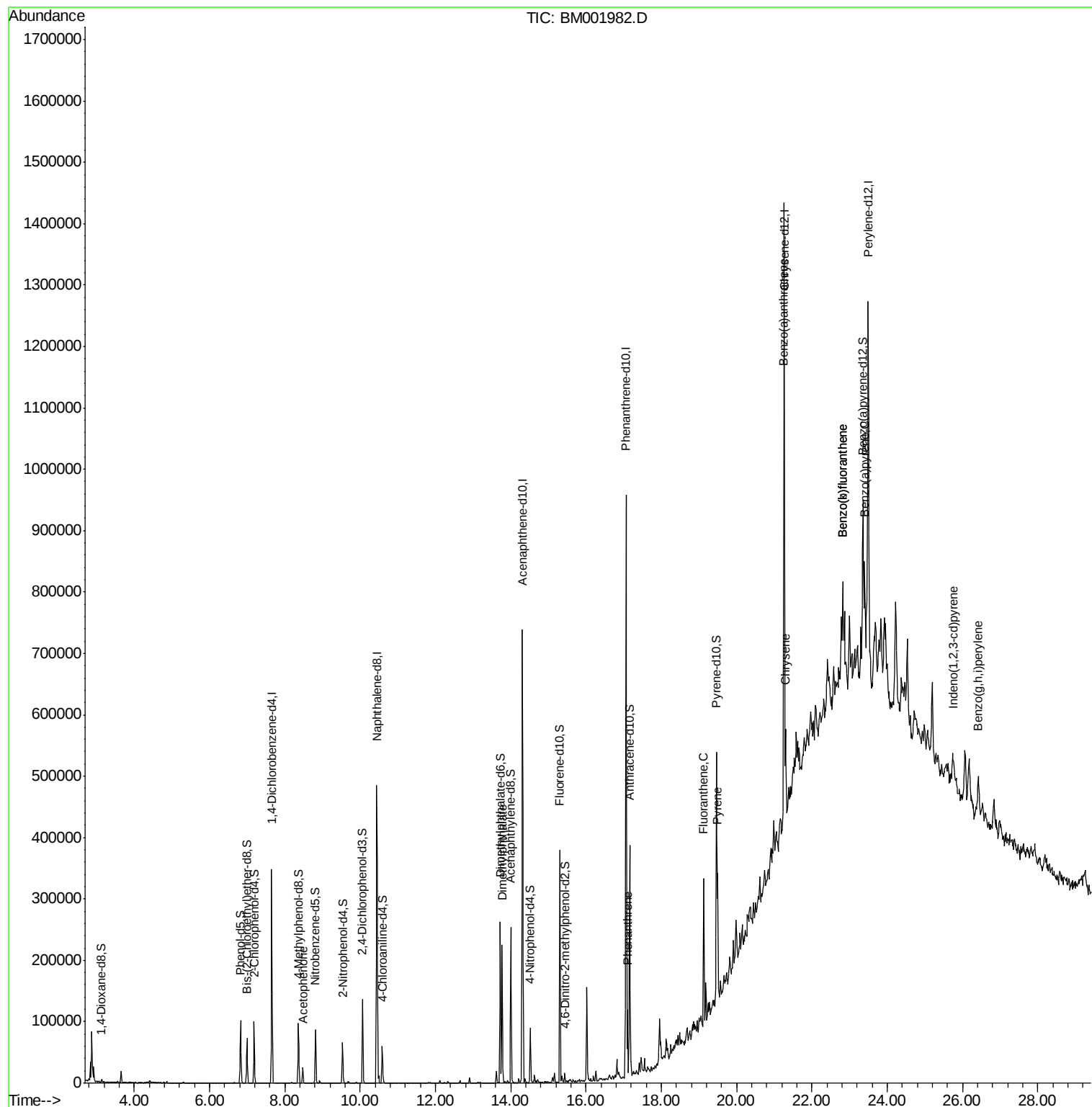
						Qvalue
14) Acetophenone	8.47	105	14183	1.40	ng/ul	95
44) Dimethylphthalate	13.77	163	140106	6.91	ng/ul	98
69) Phenanthrene	17.10	178	64008	2.12	ng/ul	98
76) Fluoranthene	19.12	202	139277	3.94	ng/ul	99
79) Pyrene	19.49	202	131507	4.40	ng/ul	97
82) Benzo(a)anthracene	21.24	228	67233	2.26	ng/ul#	91
84) Chrysene	21.30	228	86637	3.11	ng/ul#	92
87) Benzo(b)fluoranthene	22.82	252	108082	3.97	ng/ul#	81
88) Benzo(k)fluoranthene	22.82	252	53829	2.06	ng/ul#	79
90) Benzo(a)pyrene	23.39	252	66993	2.62	ng/ul#	85
91) Indeno(1,2,3-cd)pyrene	25.74	276	45636	1.70	ng/ul	91
93) Benzo(g,h,i)perylene	26.43	276	44774	2.03	ng/ul#	90

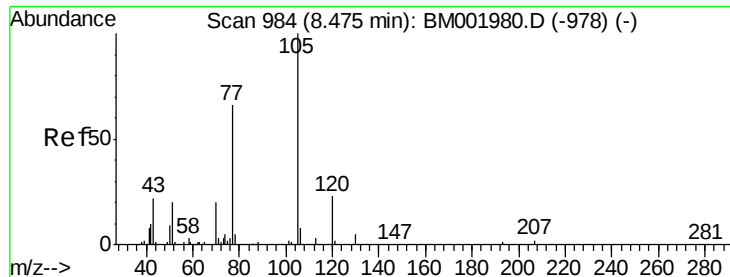
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.40 ng/ul

RT: 8.47 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001982.D

Acq: 20 Jul 2015 20:05

Instrument :

BNA_M

ClientSampleId :

C02B0

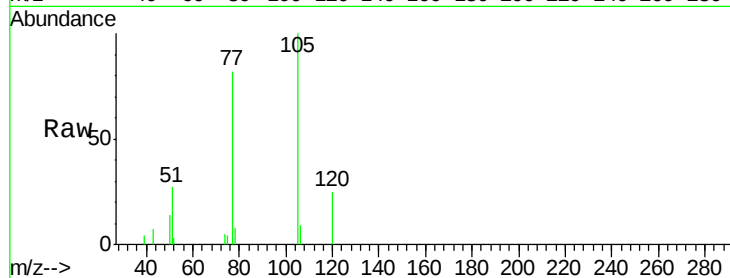
Tgt Ion:105 Resp: 14183

Ion Ratio Lower Upper

105 100

77 82.2 61.7 92.5

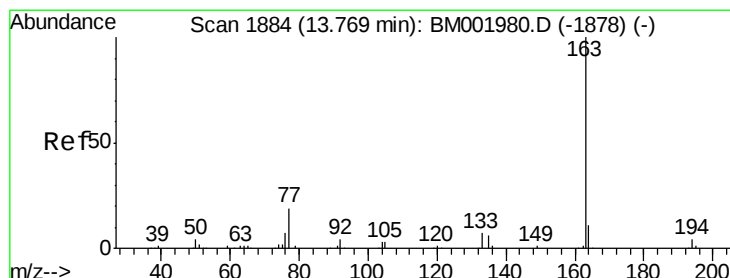
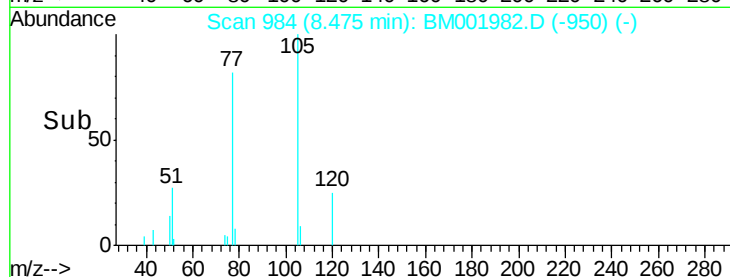
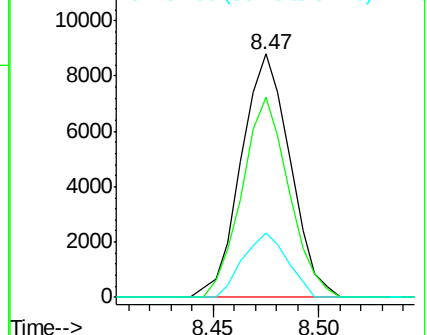
51 26.6 20.2 30.4



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: 6.91 ng/ul

RT: 13.77 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM001982.D

Acq: 20 Jul 2015 20:05

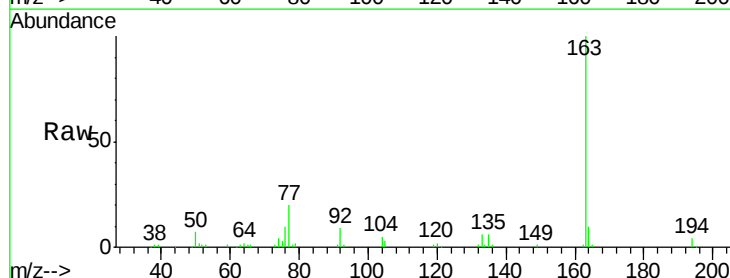
Tgt Ion:163 Resp: 140106

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

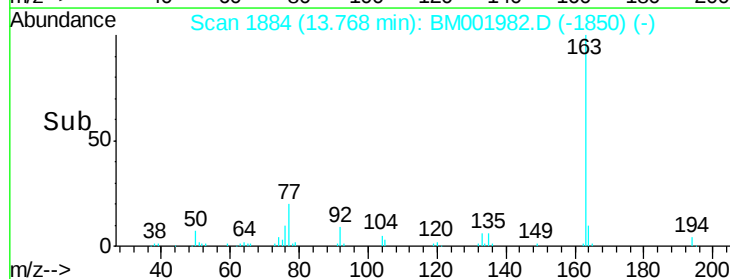
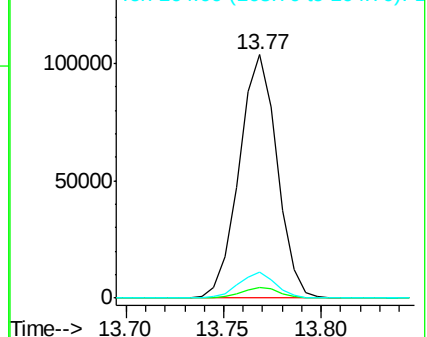
164 10.5 7.6 11.4

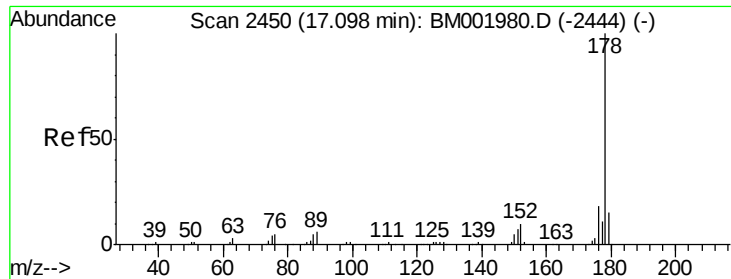


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 2.12 ng/ul

RT: 17.10 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BM001982.D

Acq: 20 Jul 2015 20:05

Instrument :

BNA_M

ClientSampleId :

C02B0

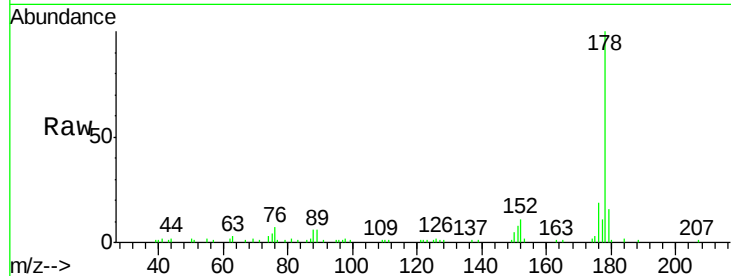
Tgt Ion:178 Resp: 64008

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

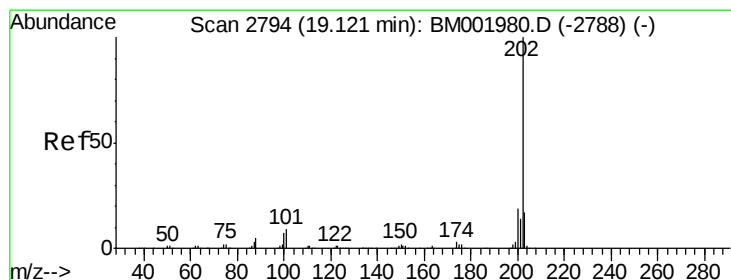
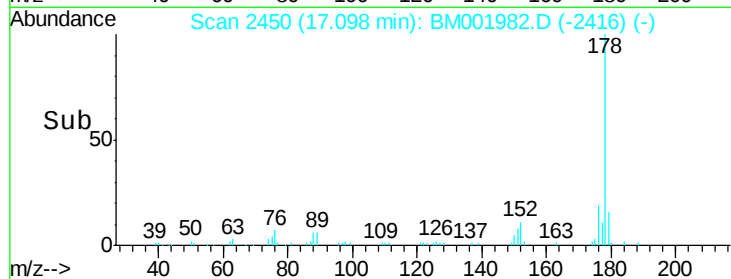
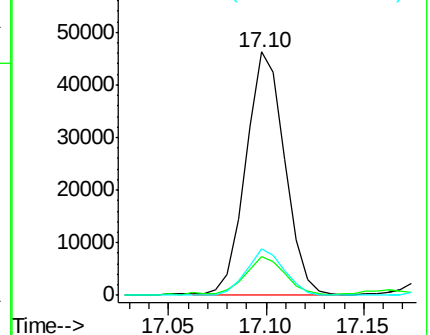
176 19.1 14.5 21.7



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



#76

Fluoranthene

Concen: 3.94 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM001982.D

Acq: 20 Jul 2015 20:05

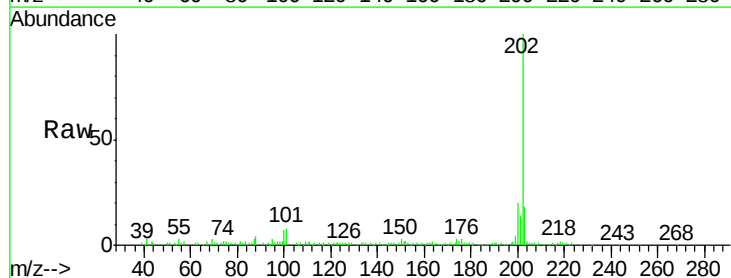
Tgt Ion:202 Resp: 139277

Ion Ratio Lower Upper

202 100

101 7.8 6.6 9.8

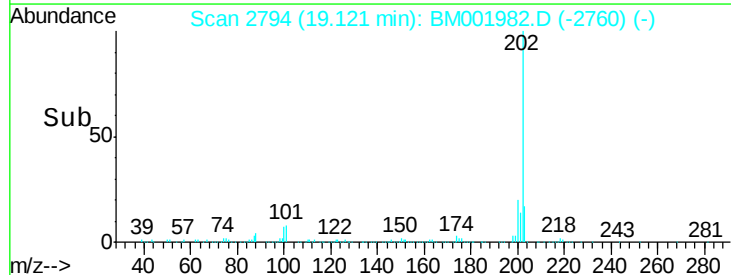
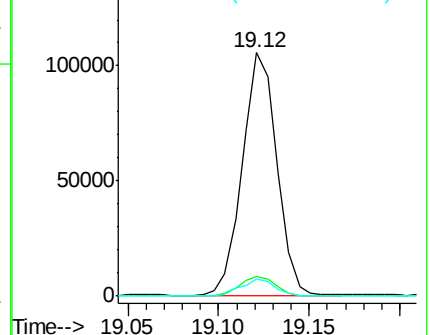
100 7.0 5.2 7.8

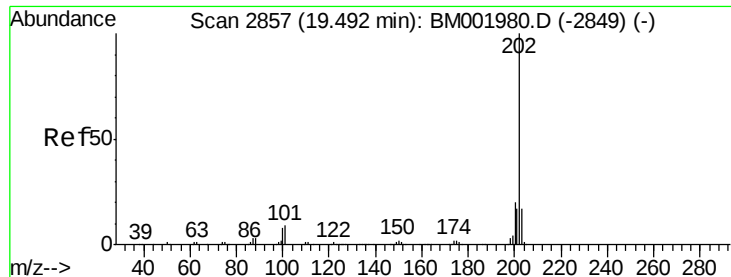


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

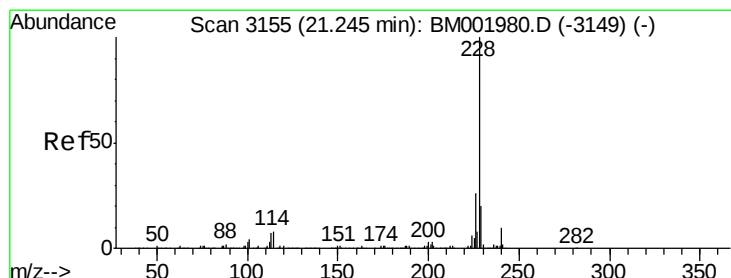
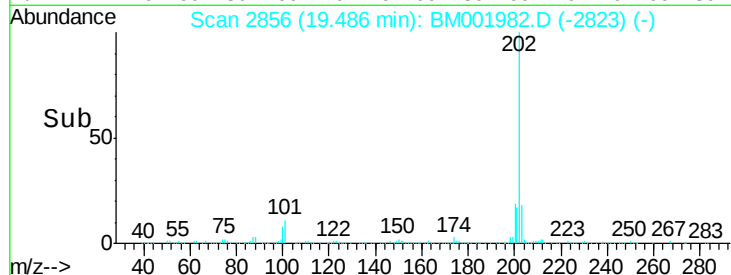
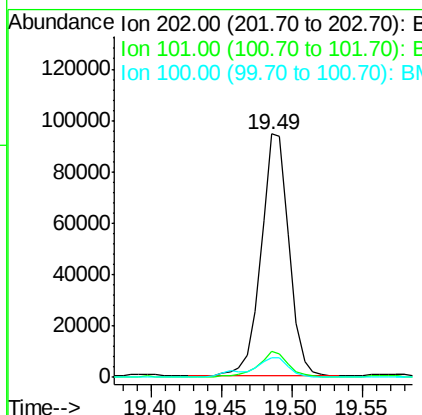
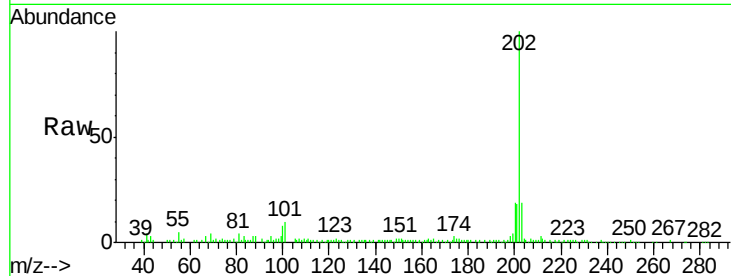




#79
 Pyrene
 Concen: 4.40 ng/ul
 RT: 19.49 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BM001982.D
 Acq: 20 Jul 2015 20:05

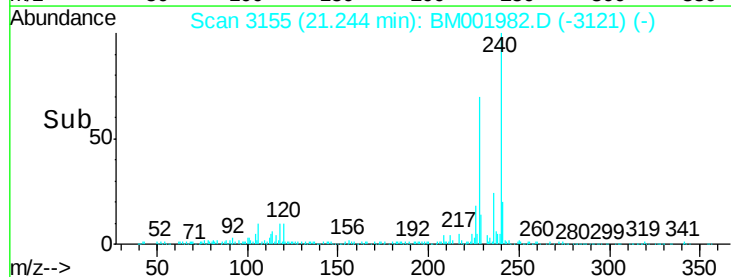
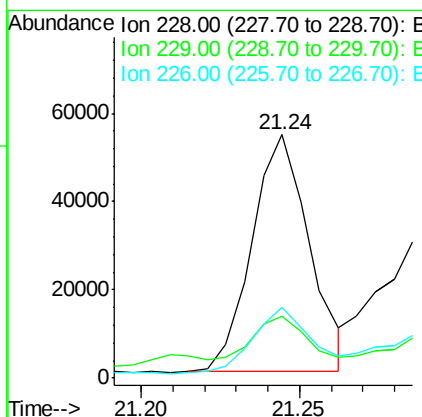
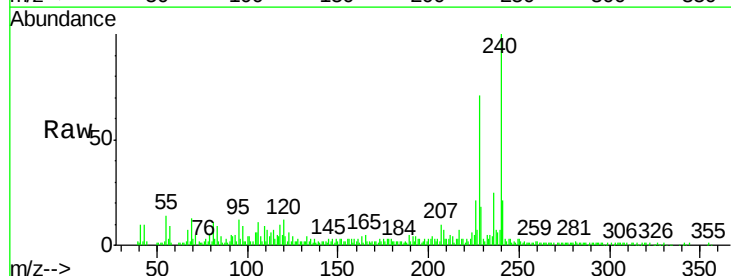
Instrument :
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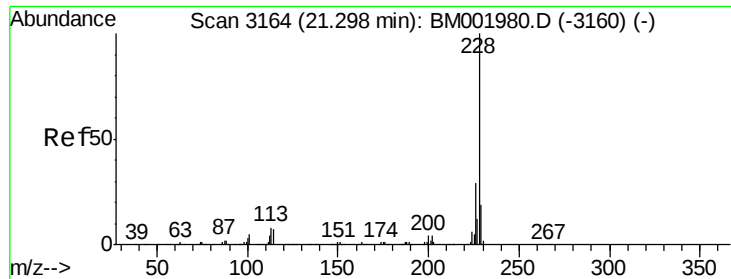
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.4	11.0
100	8.2	5.9	8.9



#82
 Benzo(a)anthracene
 Concen: 2.26 ng/ul
 RT: 21.24 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: BM001982.D
 Acq: 20 Jul 2015 20:05

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.4	15.2	22.8#
226	29.0	20.8	31.2





#84

Chrysene

Concen: 3.11 ng/ul

RT: 21.30 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BM001982.D

Acq: 20 Jul 2015 20:05

Instrument :

BNA_M

ClientSampleId :

C02B0

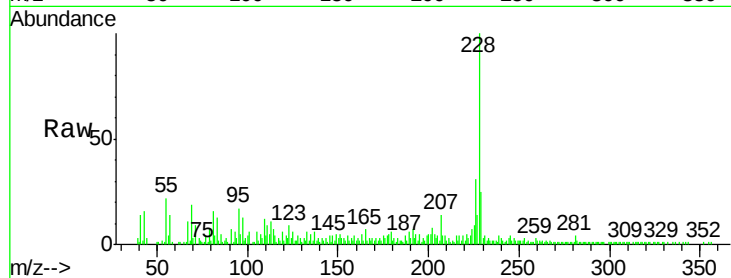
Tgt Ion:228 Resp: 86637

Ion Ratio Lower Upper

228 100

226 31.3 22.6 33.8

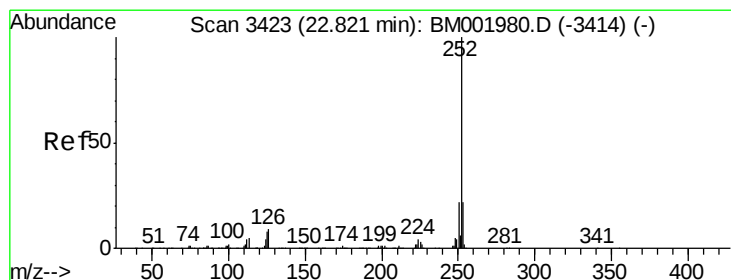
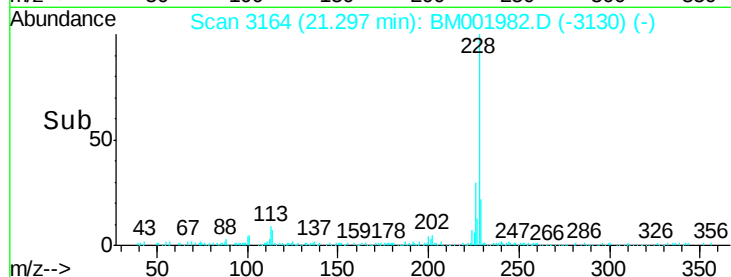
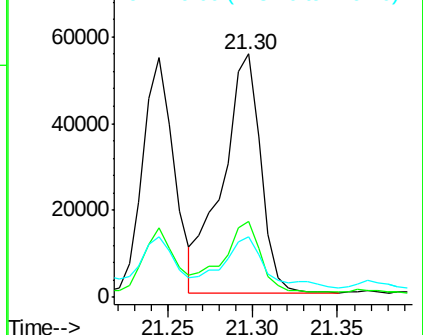
229 24.7 15.4 23.0#



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: 3.97 ng/ul

RT: 22.82 min Scan# 3423

Delta R.T. -0.00 min

Lab File: BM001982.D

Acq: 20 Jul 2015 20:05

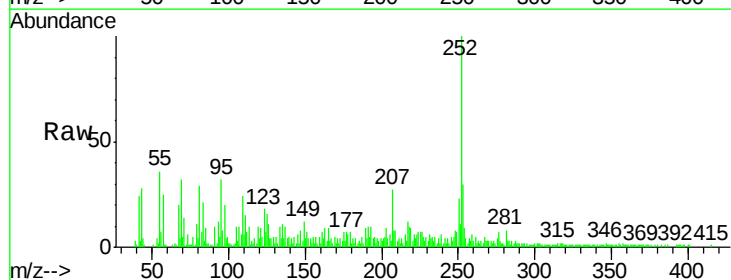
Tgt Ion:252 Resp: 108082

Ion Ratio Lower Upper

252 100

253 30.3 17.6 26.4#

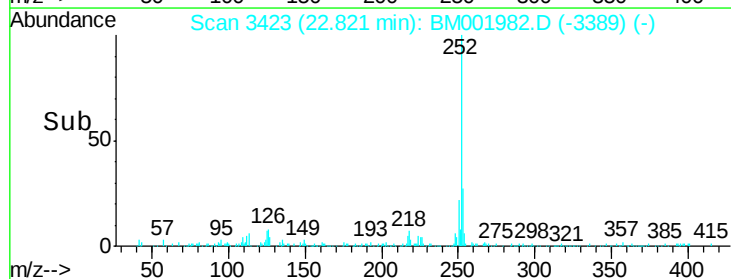
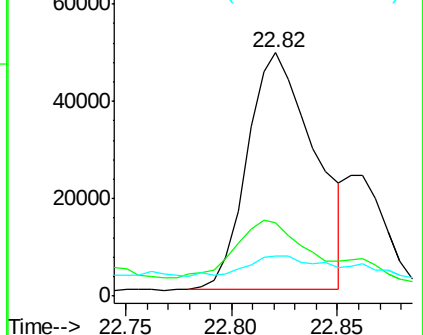
125 16.4 6.1 9.1#

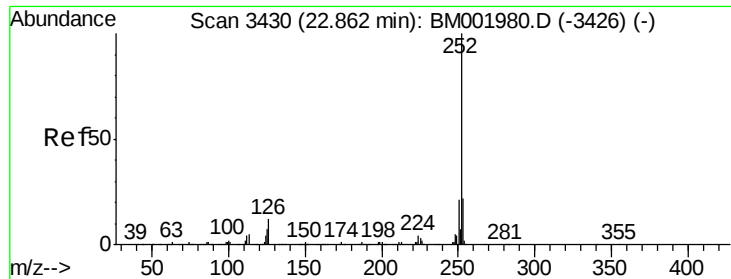


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.06 ng/ul

RT: 22.82 min Scan# 3423

Delta R.T. -0.04 min

Lab File: BM001982.D

Acq: 20 Jul 2015 20:05

Instrument :

BNA_M

ClientSampleId :

C02B0

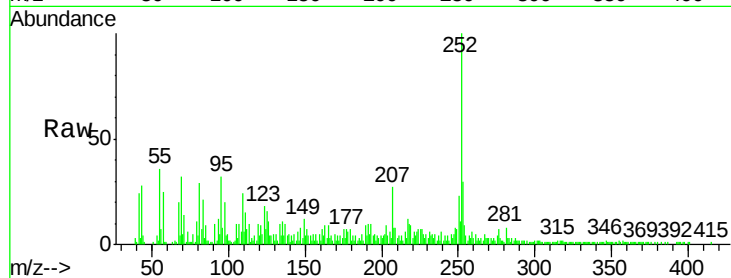
Tgt Ion:252 Resp: 53829

Ion Ratio Lower Upper

252 100

253 30.3 17.1 25.7#

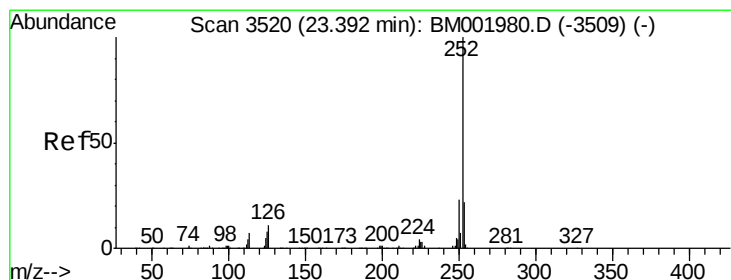
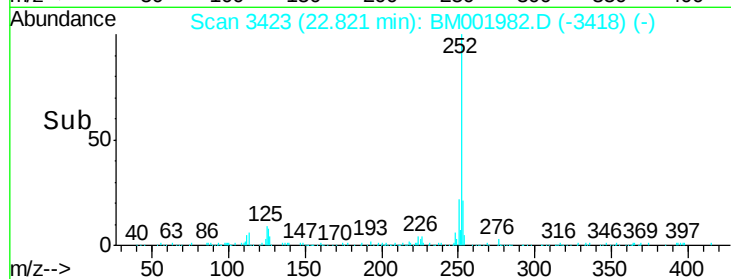
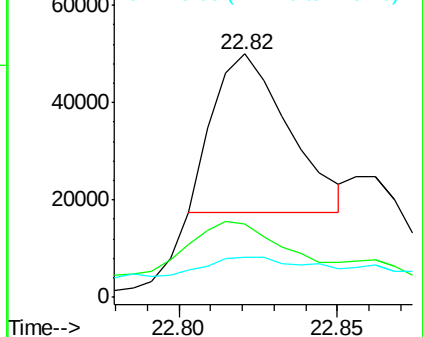
125 16.4 5.6 8.4#



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: 2.62 ng/ul

RT: 23.39 min Scan# 3520

Delta R.T. -0.00 min

Lab File: BM001982.D

Acq: 20 Jul 2015 20:05

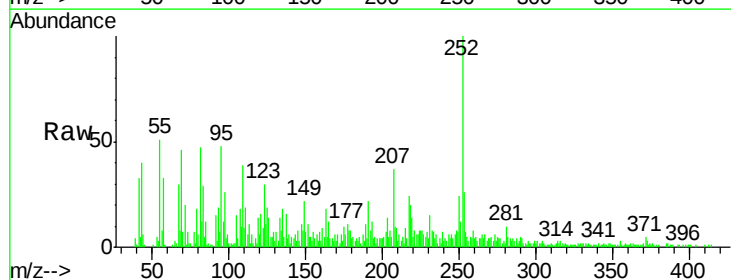
Tgt Ion:252 Resp: 66993

Ion Ratio Lower Upper

252 100

253 25.7 17.4 26.2

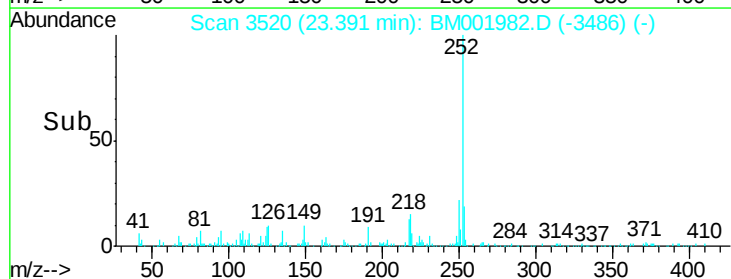
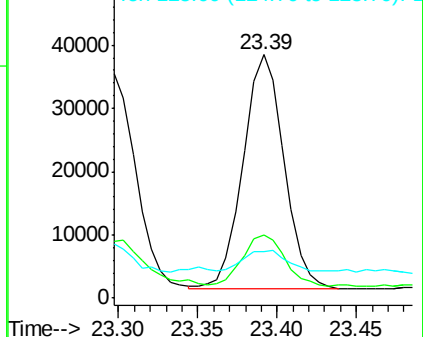
125 19.2 6.4 9.6#

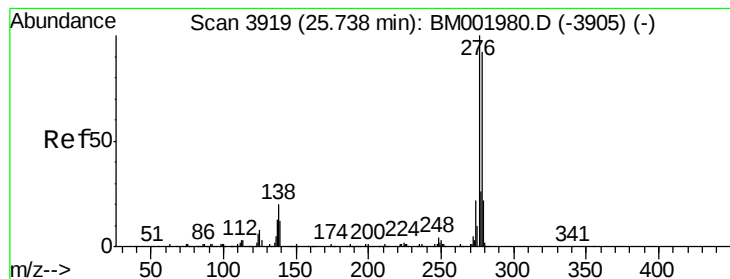


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

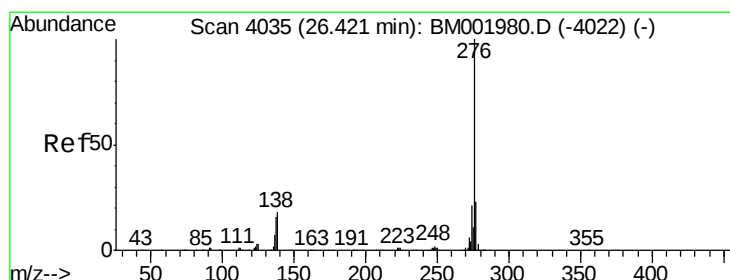
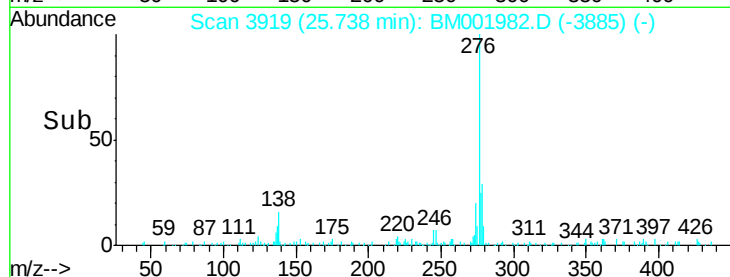
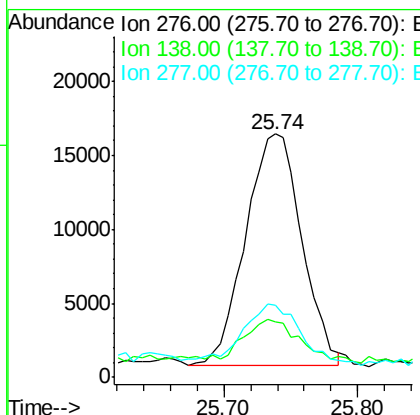
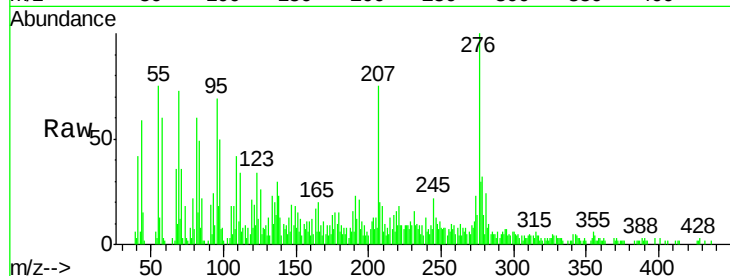




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.70 ng/ul
 RT: 25.74 min Scan# 3919
 Delta R.T. -0.00 min
 Lab File: BM001982.D
 Acq: 20 Jul 2015 20:05

Instrument :
 BNA_M
 ClientSampleId :
 C02B0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	15.4	23.0
277	29.7	19.9	29.9



#93
 Benzo(g,h,i)perylene
 Concen: 2.03 ng/ul
 RT: 26.43 min Scan# 4036
 Delta R.T. 0.01 min
 Lab File: BM001982.D
 Acq: 20 Jul 2015 20:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	13.3	19.9#
277	27.9	18.6	27.8#

