

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062415\
 Data File : BM001781.D
 Acq On : 24 Jun 2015 14:31
 Operator : TP/IZ
 Sample : G2740-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FA2

Quant Time: Jun 25 02:01:45 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 25 02:00:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	61021	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	240373	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	141233	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	323658	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	386873	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	382985	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	2773	2.17	ng/uL	0.00
5) Phenol-d5	6.83	99	48789	10.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	29295	11.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	39306	10.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	34322	9.12	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	17577	10.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	18266	10.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	42067	10.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	33566	8.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	115143	10.99	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	148768	10.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	15930	8.24	ng/ul	0.00
57) Fluorene-d10	15.31	176	113005	11.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	13498	6.83	ng/ul	0.00
70) Anthracene-d10	17.16	188	173132	11.48	ng/ul	0.00
78) Pyrene-d10	19.46	212	195766	11.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	177829	10.53	ng/ul	0.00

Target Compounds

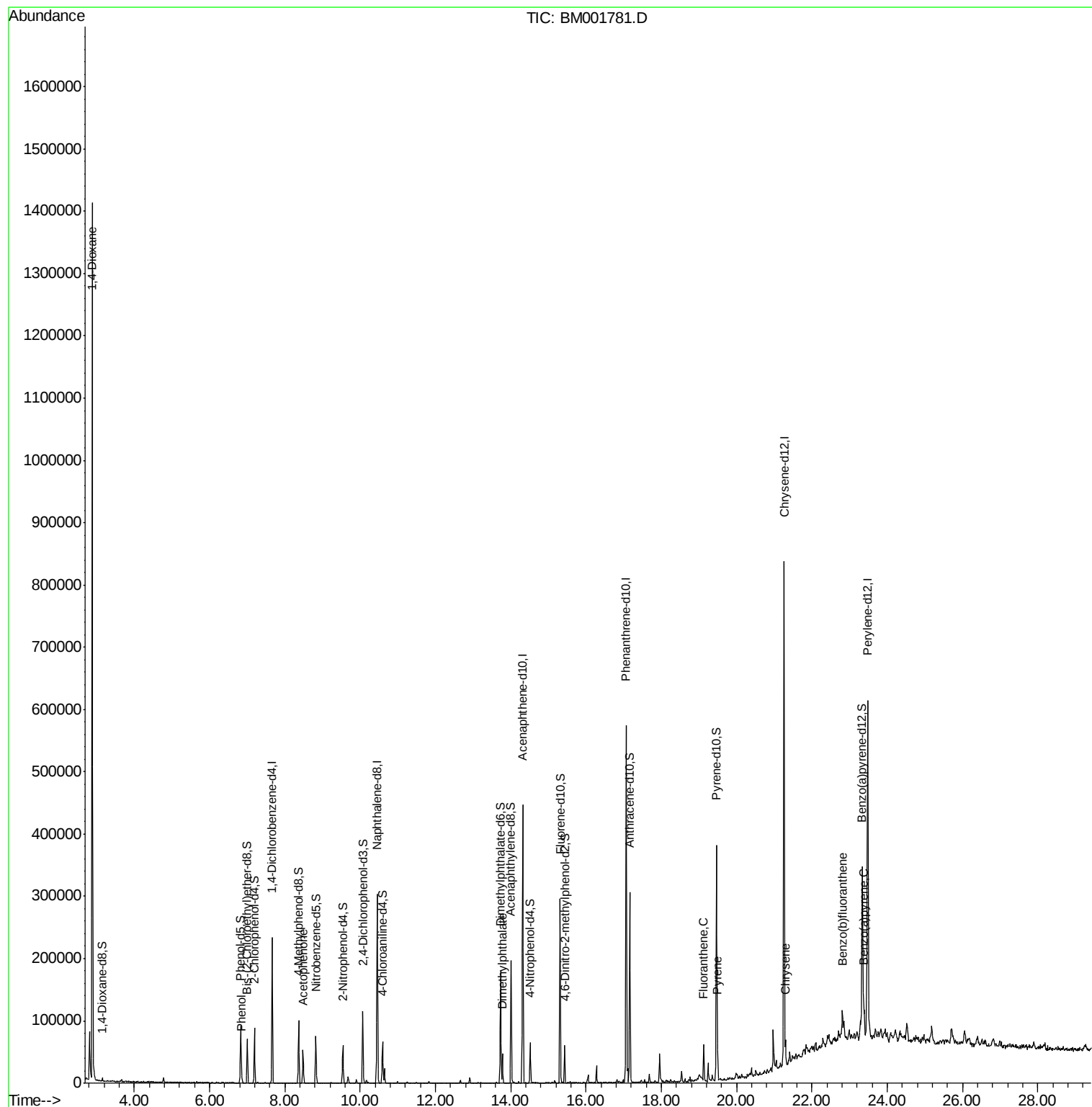
						Qvalue
2) 1,4-Dioxane	2.88	88	9703	6.64	ng/uL#	1
6) Phenol	6.86	94	5427	1.12	ng/ul	93
14) Acetophenone	8.48	105	28337	4.74	ng/ul	96
44) Dimethylphthalate	13.77	163	30238	2.64	ng/ul	99
76) Fluoranthene	19.12	202	36172	1.72	ng/ul#	96
79) Pyrene	19.49	202	36036	1.68	ng/ul	99
84) Chrysene	21.29	228	23717	1.11	ng/ul	96
87) Benzo(b)fluoranthene	22.81	252	34084	1.53	ng/ul#	89
90) Benzo(a)pyrene	23.38	252	25042	1.15	ng/ul#	95

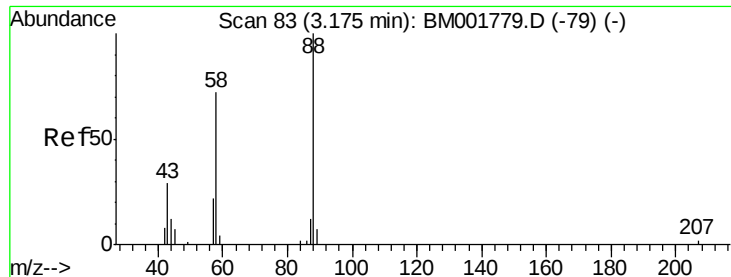
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 6.64 ng/uL

RT: 2.88 min Scan# 33

Delta R.T. -0.29 min

Lab File: BM001781.D

Acq: 24 Jun 2015 14:31

Instrument :

BNA_M

ClientSampled :

H0FA2

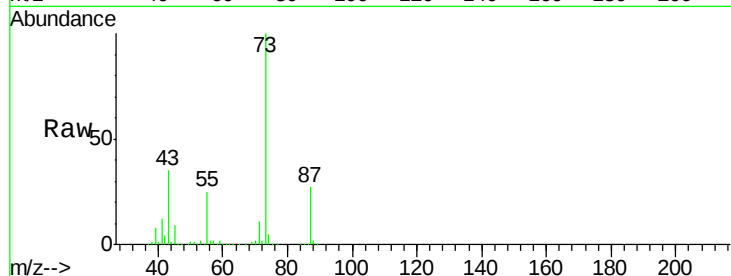
Tgt Ion: 88 Resp: 9703

Ion Ratio Lower Upper

88 100

43 2294.8 24.2 36.4#

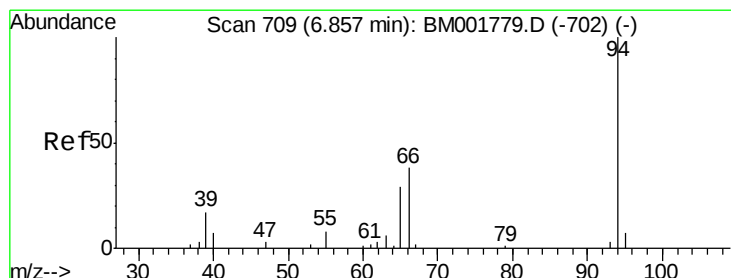
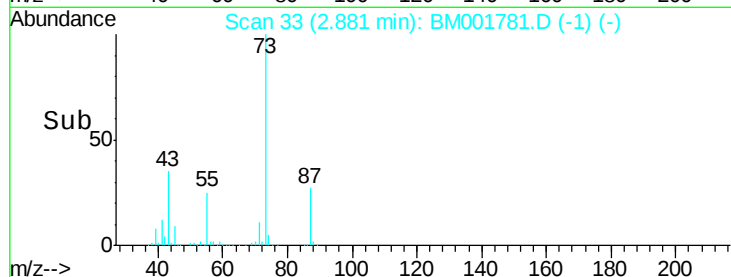
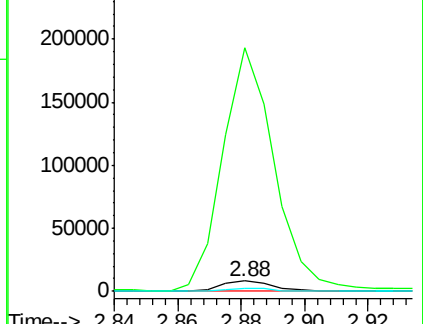
58 27.2 56.2 84.2#



Abundance Ion 88.00 (87.70 to 88.70): BM001781.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM001781.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM001781.D (-1) (-)



#6

Phenol

Concen: 1.12 ng/uL

RT: 6.86 min Scan# 709

Delta R.T. -0.00 min

Lab File: BM001781.D

Acq: 24 Jun 2015 14:31

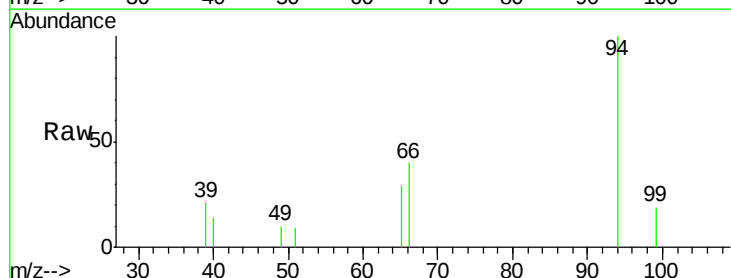
Tgt Ion: 94 Resp: 5427

Ion Ratio Lower Upper

94 100

65 28.9 26.1 39.1

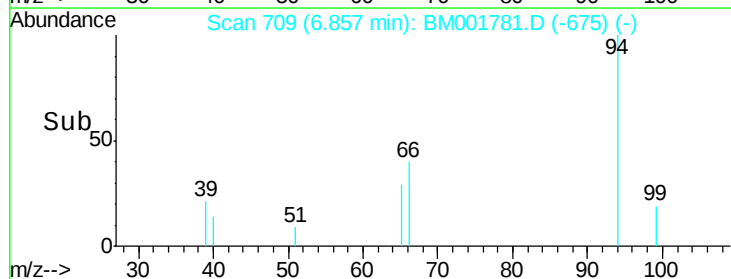
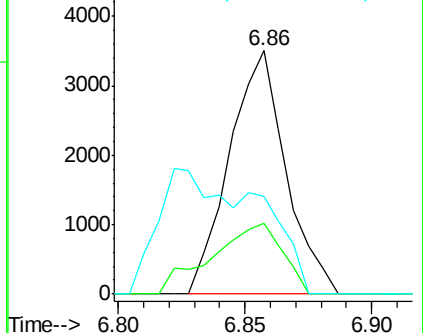
66 40.4 35.9 53.9

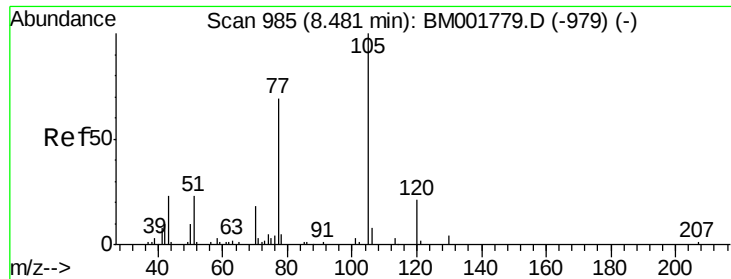


Abundance Ion 94.00 (93.70 to 94.70): BM001781.D (-675) (-)

Ion 65.00 (64.70 to 65.70): BM001781.D (-675) (-)

Ion 66.00 (65.70 to 66.70): BM001781.D (-675) (-)





#14

Acetophenone

Concen: 4.74 ng/ul

RT: 8.48 min Scan# 985

Delta R.T. -0.00 min

Lab File: BM001781.D

Acq: 24 Jun 2015 14:31

Instrument :

BNA_M

ClientSampleId :

H0FA2

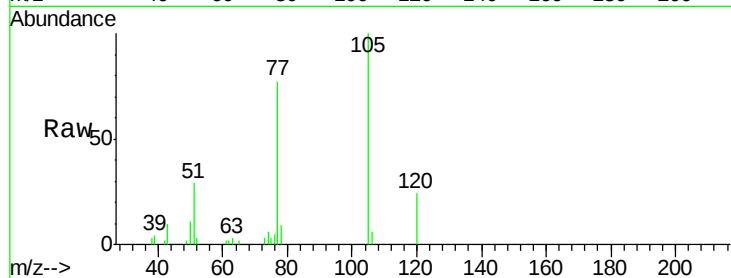
Tgt Ion:105 Resp: 28337

Ion Ratio Lower Upper

105 100

77 77.1 64.2 96.4

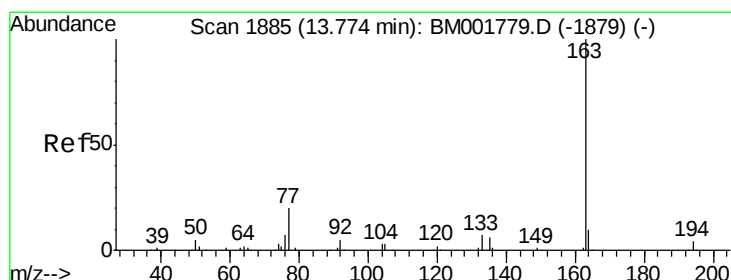
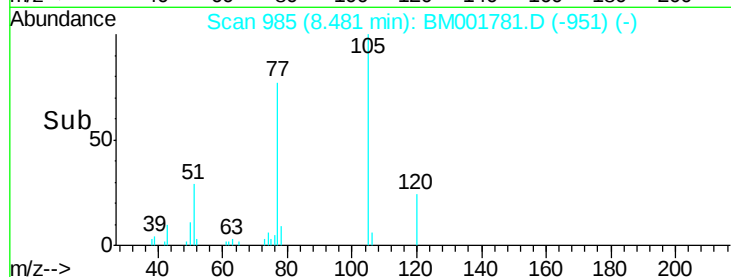
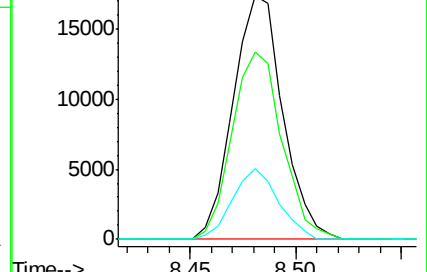
51 29.3 22.0 33.0



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: 2.64 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BM001781.D

Acq: 24 Jun 2015 14:31

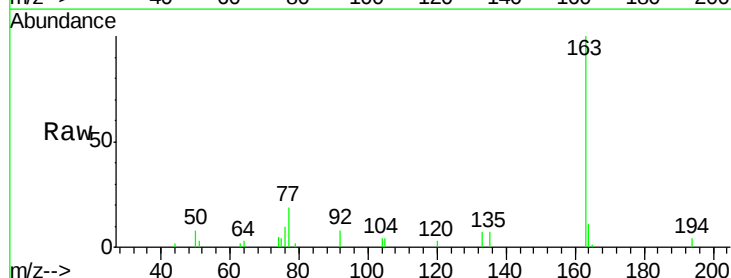
Tgt Ion:163 Resp: 30238

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

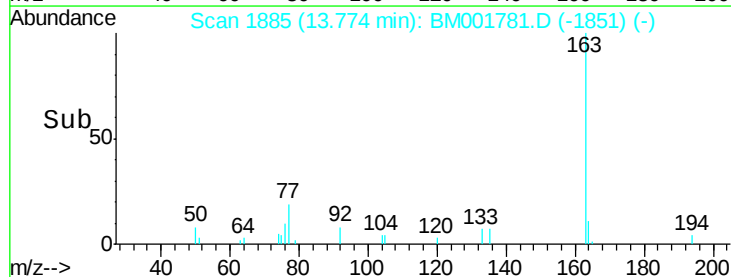
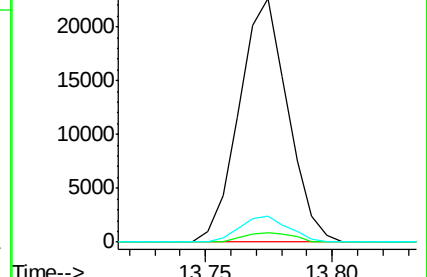
164 10.6 8.0 12.0

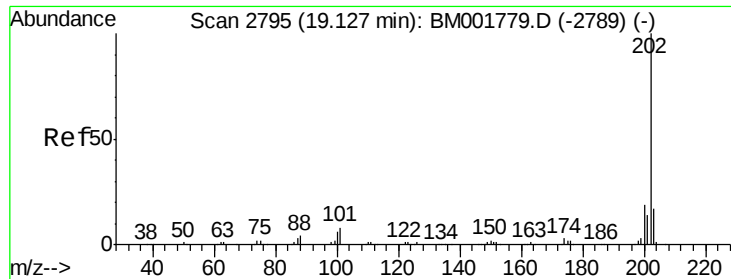


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#76

Fluoranthene

Concen: 1.72 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM001781.D

Acq: 24 Jun 2015 14:31

Instrument :

BNA_M

ClientSampleId :

H0FA2

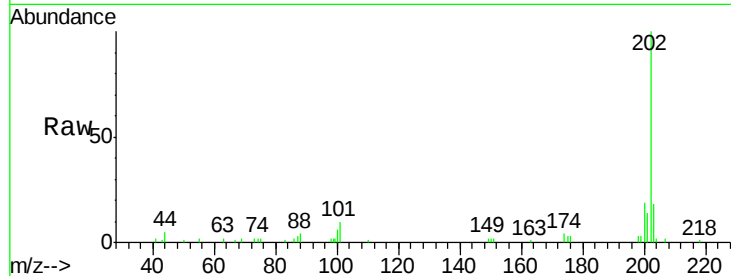
Tgt Ion:202 Resp: 36172

Ion Ratio Lower Upper

202 100

101 9.5 6.1 9.1#

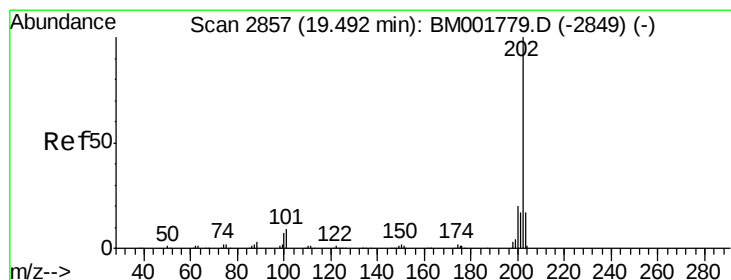
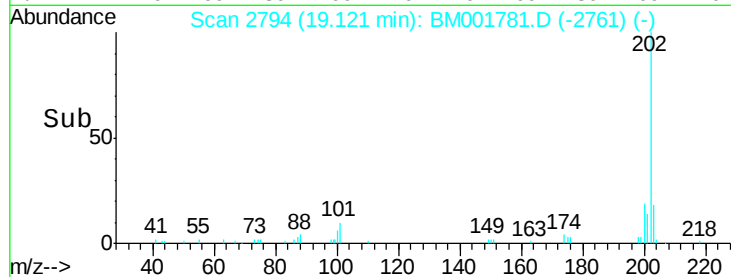
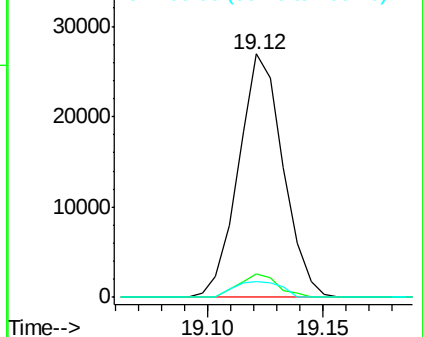
100 6.5 4.8 7.2



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: 1.68 ng/ul

RT: 19.49 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM001781.D

Acq: 24 Jun 2015 14:31

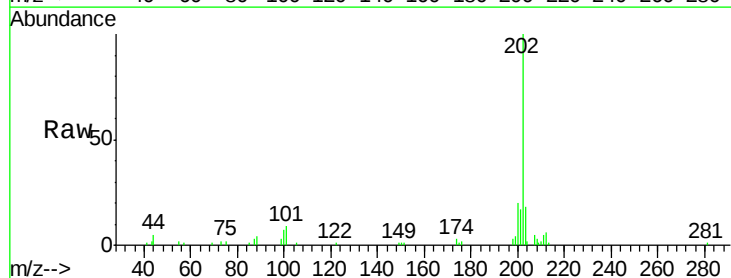
Tgt Ion:202 Resp: 36036

Ion Ratio Lower Upper

202 100

101 9.4 6.9 10.3

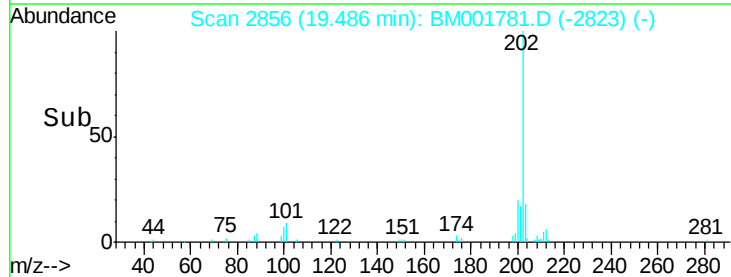
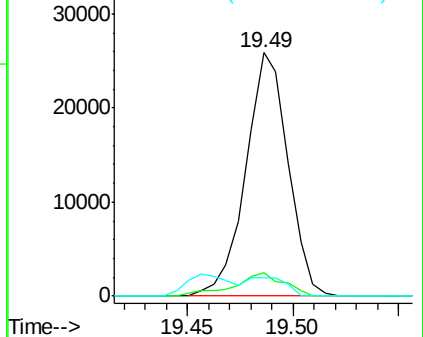
100 7.5 6.2 9.2

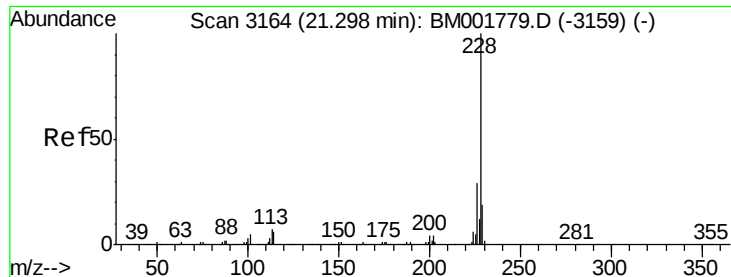


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#84

Chrysene

Concen: 1.11 ng/ul

RT: 21.29 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BM001781.D

Acq: 24 Jun 2015 14:31

Instrument :

BNA_M

ClientSampleId :

H0FA2

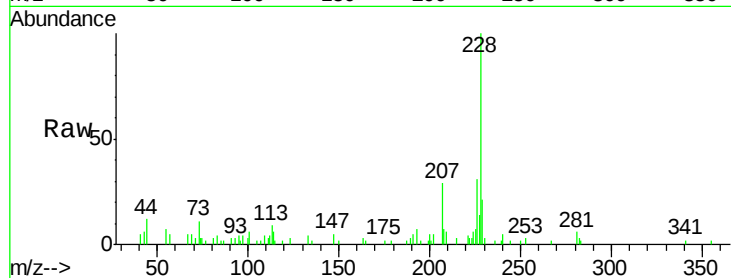
Tgt Ion:228 Resp: 23717

Ion Ratio Lower Upper

228 100

226 31.1 23.0 34.4

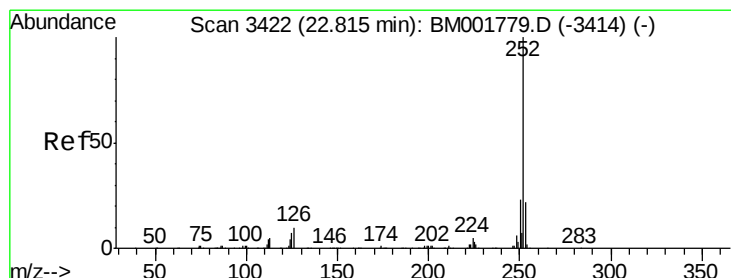
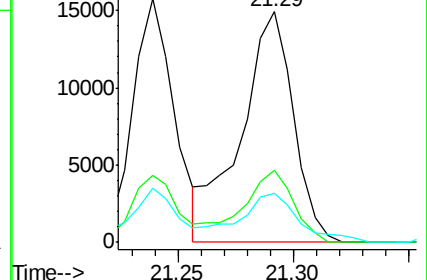
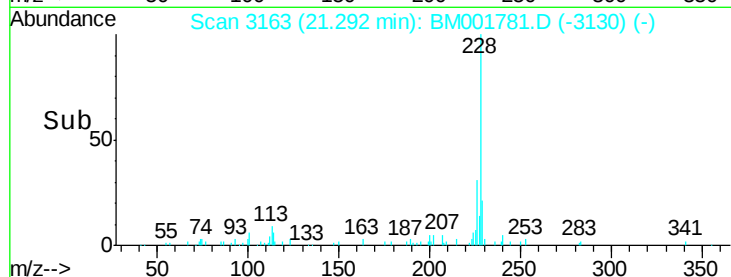
229 21.2 15.4 23.2



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: 1.53 ng/ul

RT: 22.81 min Scan# 3421

Delta R.T. -0.01 min

Lab File: BM001781.D

Acq: 24 Jun 2015 14:31

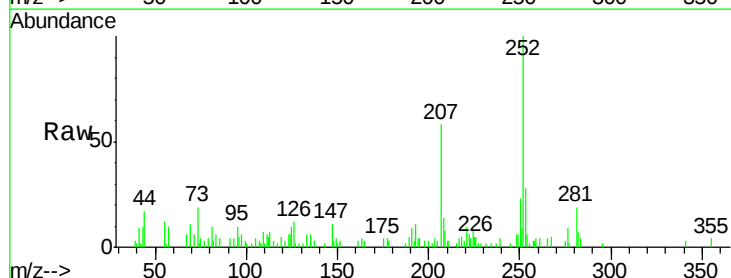
Tgt Ion:252 Resp: 34084

Ion Ratio Lower Upper

252 100

253 27.6 17.8 26.6#

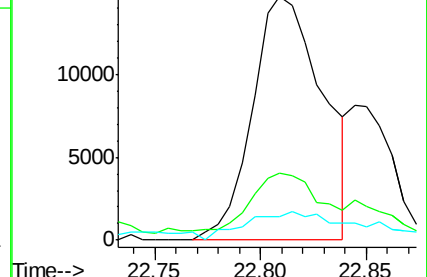
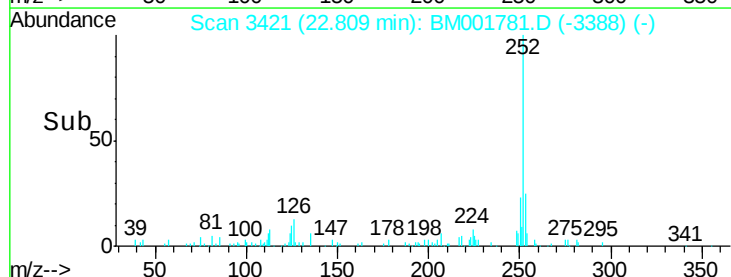
125 9.7 5.3 7.9#

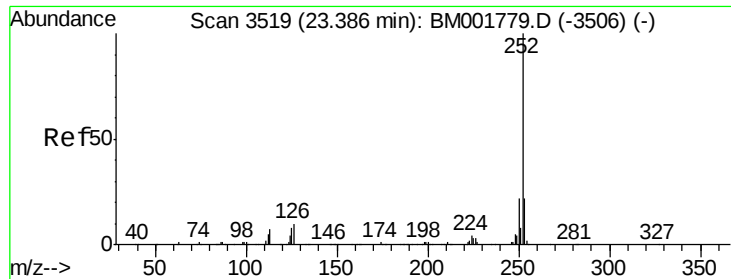


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.15 ng/ul

RT: 23.38 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BM001781.D

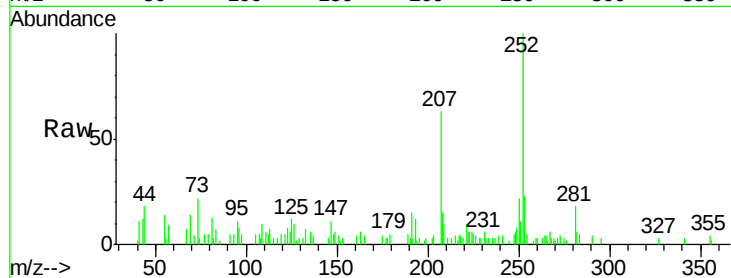
Acq: 24 Jun 2015 14:31

Instrument :

BNA_M

ClientSampleId :

H0FA2



Tgt Ion:	252	Resp:	25042
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	11.7	6.0	9.0

