

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062415\
 Data File : BM001786.D
 Acq On : 24 Jun 2015 17:32
 Operator : TP/IZ
 Sample : G2740-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FA8

Quant Time: Jun 25 03:17:00 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	57574	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	231315	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	135653	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	305170	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	358960	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	353152	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	2939	2.43	ng/uL	0.00
5) Phenol-d5	6.83	99	56868	12.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	38892	15.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	49637	14.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	31410	8.85	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	25719	16.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	28545	16.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	51871	13.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	46496	12.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	162124	16.12	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	200005	15.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	21658	11.67	ng/ul	0.00
57) Fluorene-d10	15.31	176	141930	15.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	11900	6.38	ng/ul	0.00
70) Anthracene-d10	17.16	188	198995	14.00	ng/ul	0.00
78) Pyrene-d10	19.46	212	201715	13.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	124158	7.98	ng/ul	0.00

Target Compounds

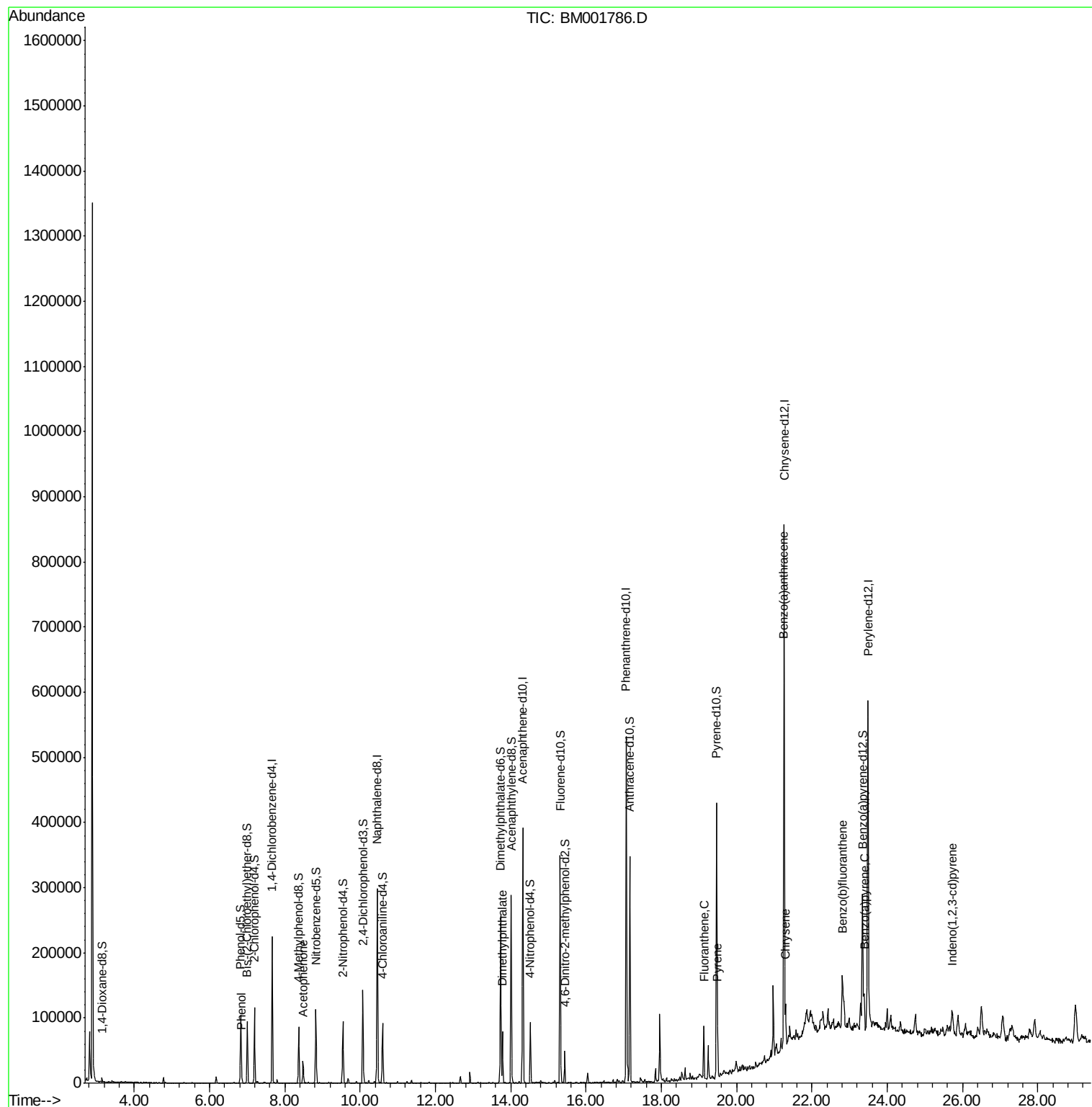
						Qvalue
6) Phenol	6.86	94	4695	1.03	ng/ul	92
14) Acetophenone	8.48	105	18393	3.26	ng/ul	99
44) Dimethylphthalate	13.77	163	48915	4.45	ng/ul	99
76) Fluoranthene	19.13	202	46241	2.34	ng/ul	98
79) Pyrene	19.49	202	47107	2.37	ng/ul#	97
82) Benzo(a)anthracene	21.24	228	29204	1.39	ng/ul	96
84) Chrysene	21.29	228	37115	1.87	ng/ul	96
87) Benzo(b)fluoranthene	22.82	252	54936	2.67	ng/ul#	94
90) Benzo(a)pyrene	23.39	252	37622	1.88	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.72	276	33177	1.40	ng/ul	96

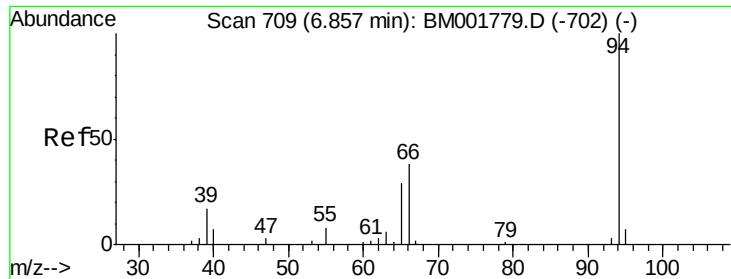
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.03 ng/ul

RT: 6.86 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM001786.D

Acq: 24 Jun 2015 17:32

Instrument :

BNA_M

ClientSampleId :

H0FA8

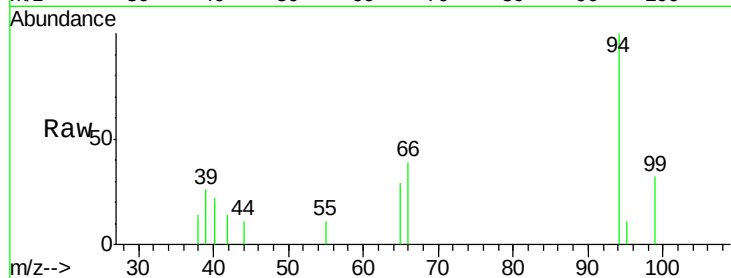
Tgt Ion: 94 Resp: 4695

Ion Ratio Lower Upper

94 100

65 28.6 26.1 39.1

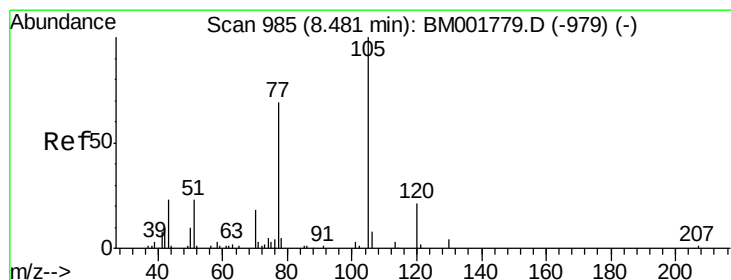
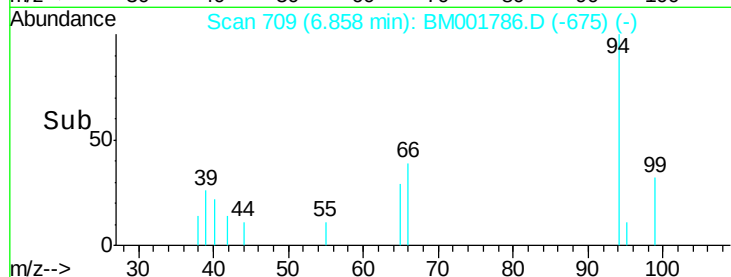
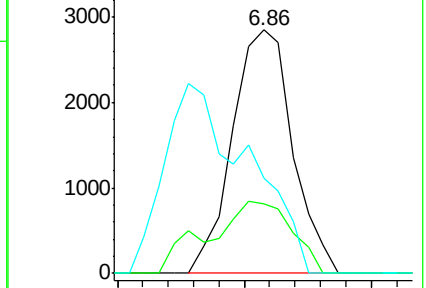
66 38.9 35.9 53.9



Abundance Ion 94.00 (93.70 to 94.70): BM001779.D (-702) (-)

Ion 65.00 (64.70 to 65.70): BM001779.D (-702) (-)

Ion 66.00 (65.70 to 66.70): BM001779.D (-702) (-)



#14

Acetophenone

Concen: 3.26 ng/ul

RT: 8.48 min Scan# 985

Delta R.T. 0.00 min

Lab File: BM001786.D

Acq: 24 Jun 2015 17:32

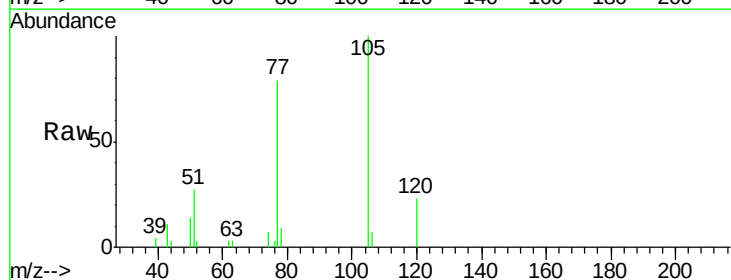
Tgt Ion: 105 Resp: 18393

Ion Ratio Lower Upper

105 100

77 79.0 64.2 96.4

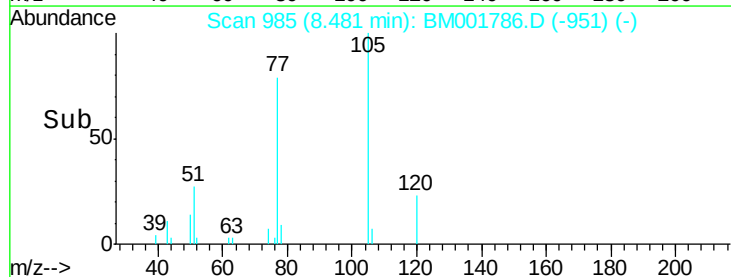
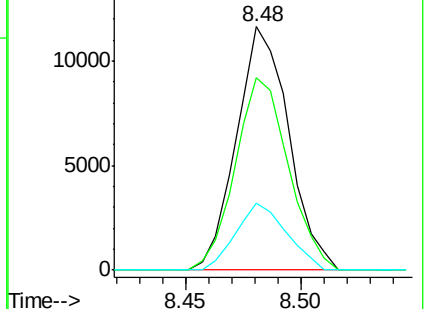
51 27.4 22.0 33.0

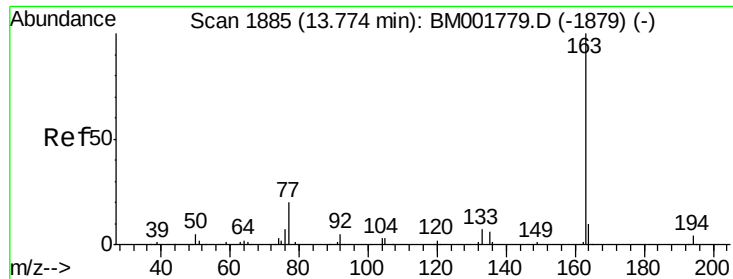


Abundance Ion 105.00 (104.70 to 105.70): BM001779.D (-979) (-)

Ion 77.00 (76.70 to 77.70): BM001779.D (-979) (-)

Ion 51.00 (50.70 to 51.70): BM001779.D (-979) (-)





#44

Dimethylphthalate

Concen: 4.45 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BM001786.D

Acq: 24 Jun 2015 17:32

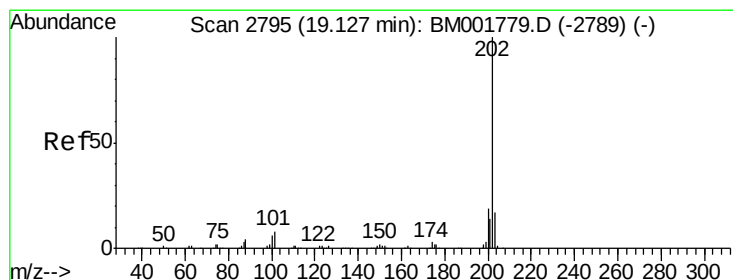
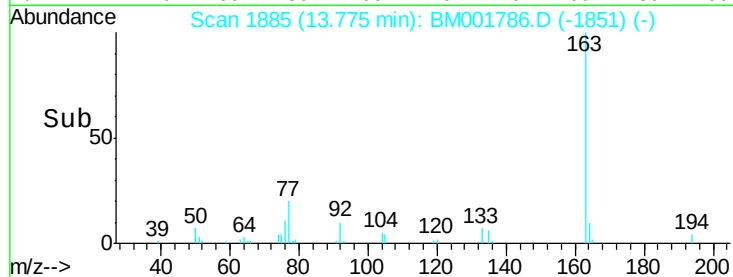
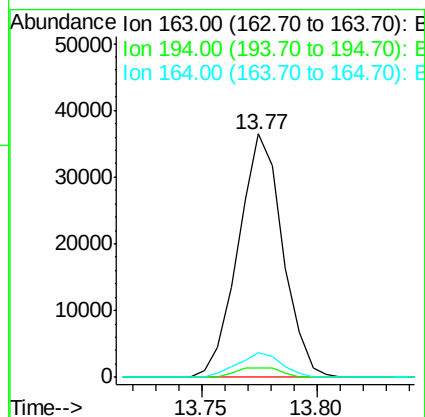
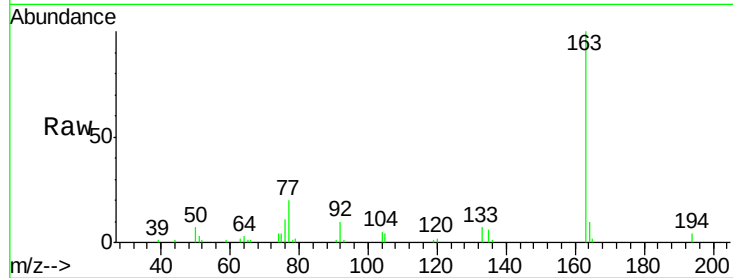
Instrument :

BNA_M

ClientSampleId :

H0FA8

Tgt Ion:	163	Resp:	48915
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.6	5.4
164	10.4	8.0	12.0



#76

Fluoranthene

Concen: 2.34 ng/ul

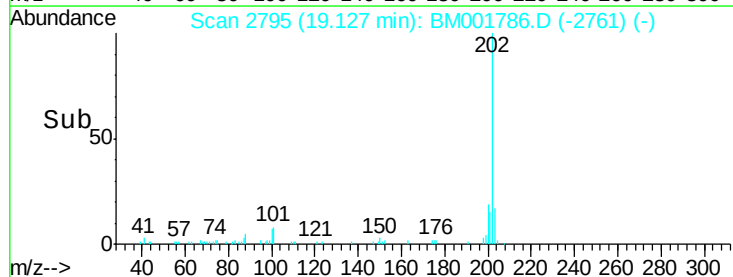
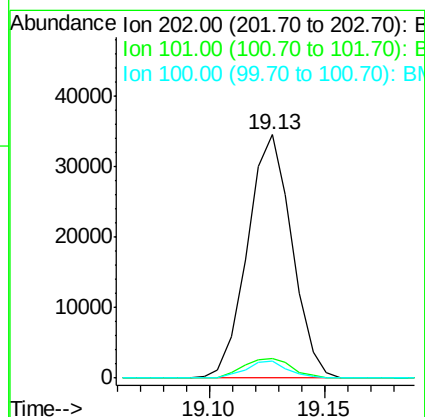
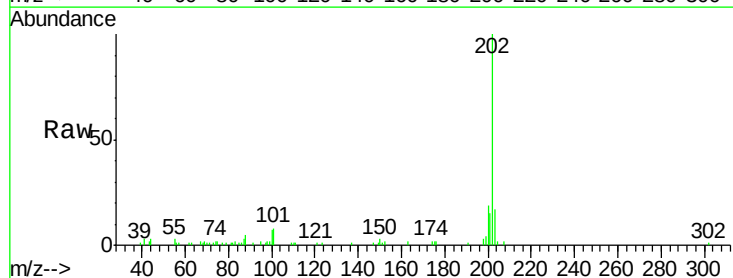
RT: 19.13 min Scan# 2795

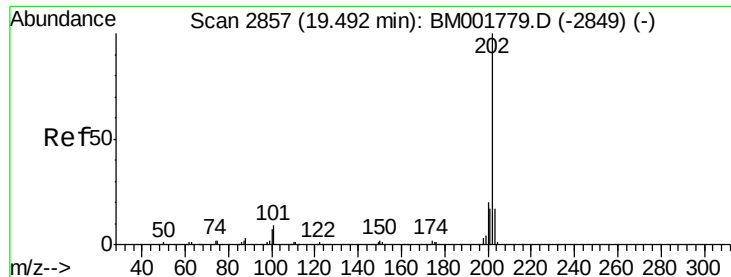
Delta R.T. 0.00 min

Lab File: BM001786.D

Acq: 24 Jun 2015 17:32

Tgt Ion:	202	Resp:	46241
Ion Ratio	Lower	Upper	
202	100		
101	8.2	6.1	9.1
100	6.9	4.8	7.2





#79

Pyrene

Concen: 2.37 ng/ul

RT: 19.49 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM001786.D

Acq: 24 Jun 2015 17:32

Instrument :

BNA_M

ClientSampleId :

H0FA8

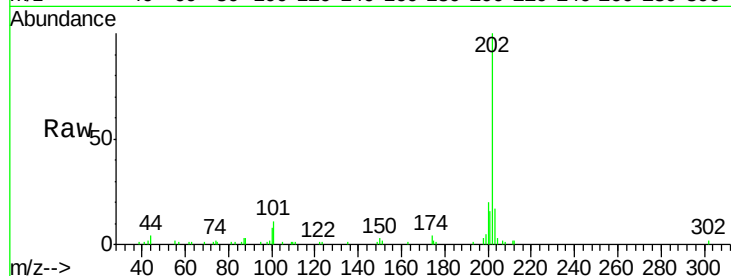
Tgt Ion:202 Resp: 47107

Ion Ratio Lower Upper

202 100

101 10.6 6.9 10.3#

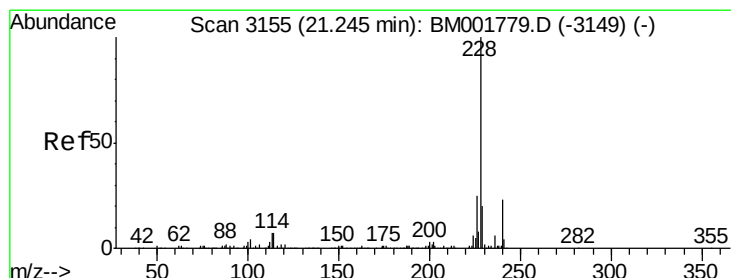
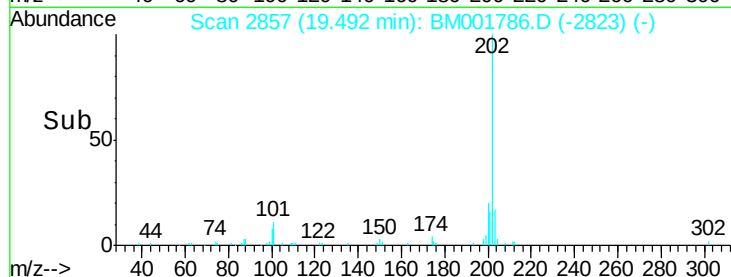
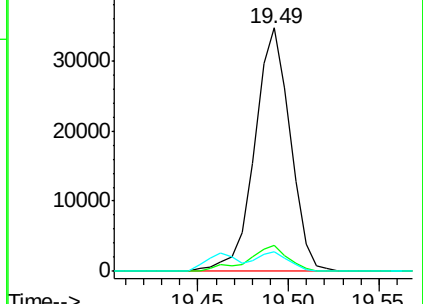
100 8.1 6.2 9.2



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



#82

Benzo(a)anthracene

Concen: 1.39 ng/ul

RT: 21.24 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BM001786.D

Acq: 24 Jun 2015 17:32

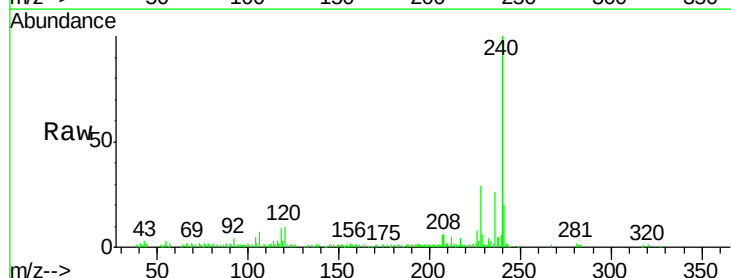
Tgt Ion:228 Resp: 29204

Ion Ratio Lower Upper

228 100

229 21.7 15.4 23.0

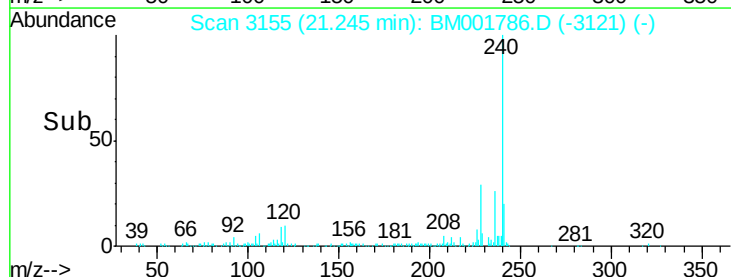
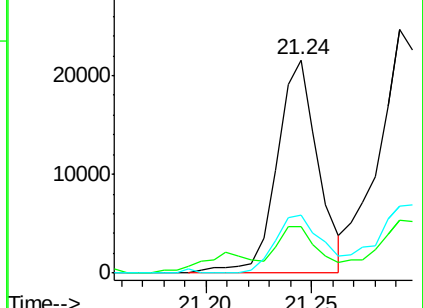
226 27.1 20.6 30.8

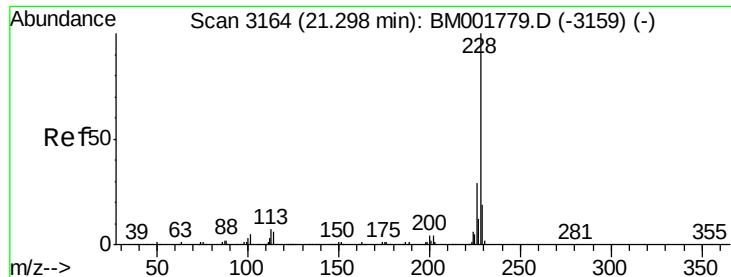


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.87 ng/ul

RT: 21.29 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BM001786.D

Acq: 24 Jun 2015 17:32

Instrument :

BNA_M

ClientSampleId :

H0FA8

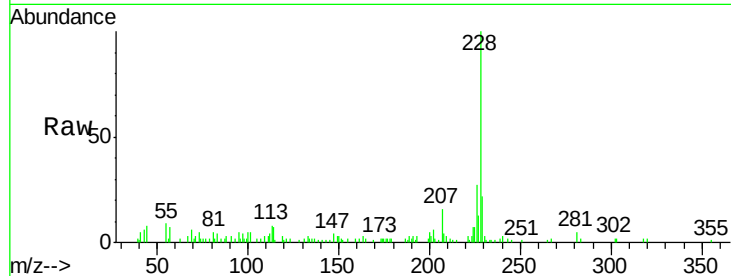
Tgt Ion:228 Resp: 37115

Ion Ratio Lower Upper

228 100

226 27.5 23.0 34.4

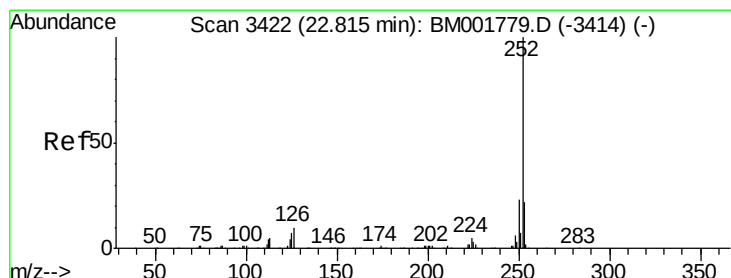
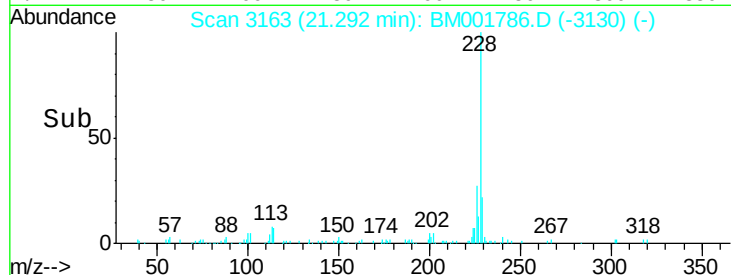
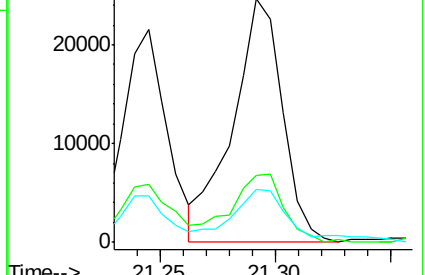
229 21.9 15.4 23.2



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: 2.67 ng/ul

RT: 22.82 min Scan# 3422

Delta R.T. 0.00 min

Lab File: BM001786.D

Acq: 24 Jun 2015 17:32

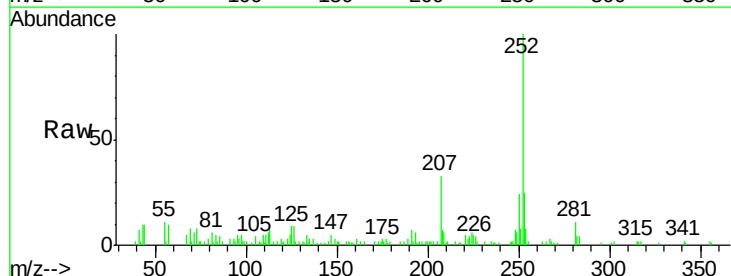
Tgt Ion:252 Resp: 54936

Ion Ratio Lower Upper

252 100

253 25.1 17.8 26.6

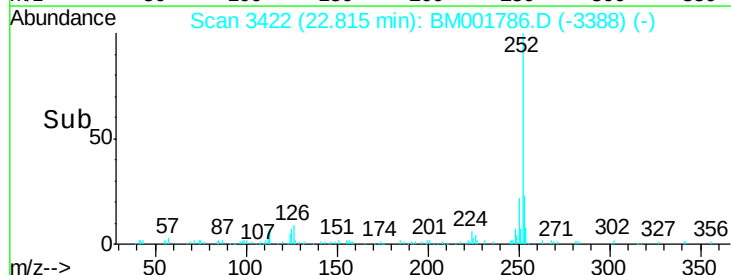
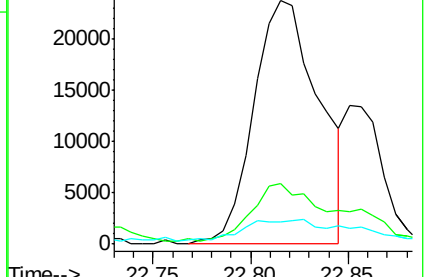
125 9.2 5.3 7.9#

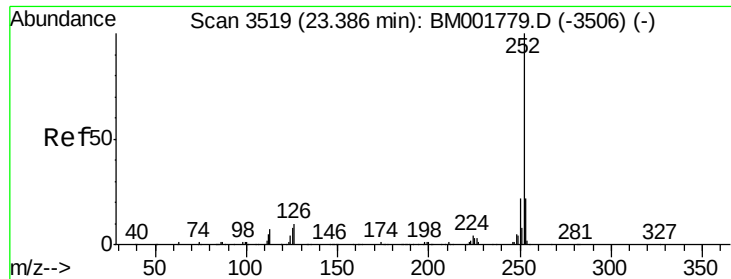


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.88 ng/ul

RT: 23.39 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BM001786.D

Acq: 24 Jun 2015 17:32

Instrument :

BNA_M

ClientSampled :

H0FA8

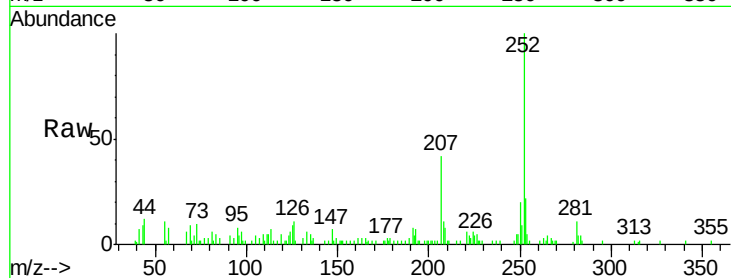
Tgt Ion:252 Resp: 37622

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

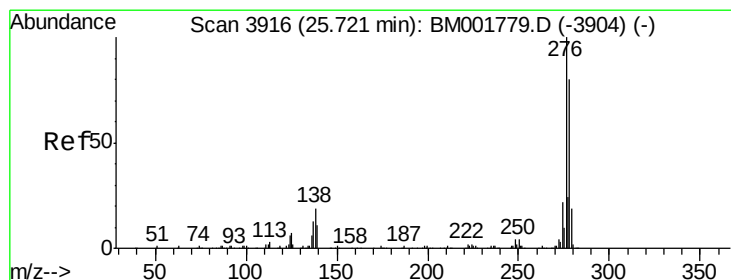
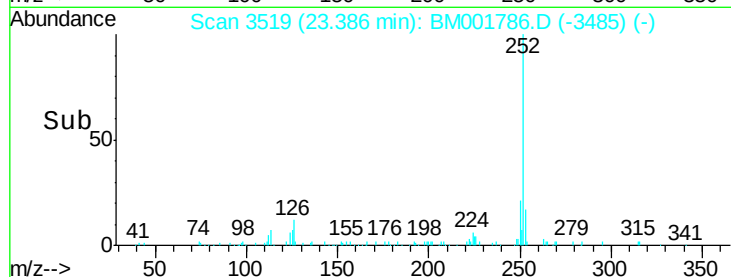
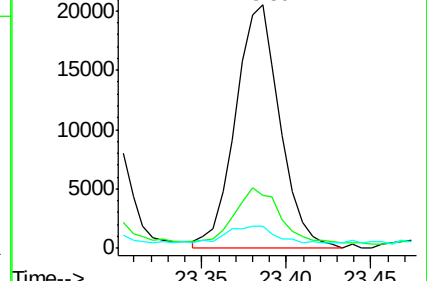
125 9.4 6.0 9.0#



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: 1.40 ng/ul

RT: 25.72 min Scan# 3916

Delta R.T. 0.00 min

Lab File: BM001786.D

Acq: 24 Jun 2015 17:32

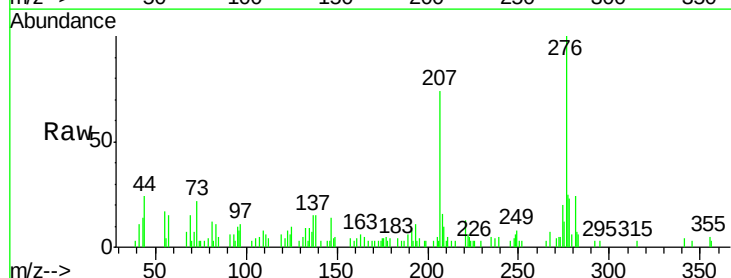
Tgt Ion:276 Resp: 33177

Ion Ratio Lower Upper

276 100

138 15.3 14.7 22.1

277 25.4 19.7 29.5



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

