

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
 Data File : BM001003.D
 Acq On : 15 Apr 2015 02:46
 Operator : TP/IZ
 Sample : G1858-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD005-0006-01

Quant Time: Apr 15 17:42:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 15 06:41:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	376068	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	1516754	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	799747	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1642370	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	1741968	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	1707897	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.78	99	508340	17.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	354032	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	433244	18.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	218056	9.90	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	199968	19.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	208788	19.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	356527	16.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	405438	15.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	1092459	20.86	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1409760	18.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	109860	11.97	ng/ul	0.00
57) Fluorene-d10	15.26	176	990080	18.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	93839	10.69	ng/ul	0.00
70) Anthracene-d10	17.10	188	1453295	19.37	ng/ul	0.00
76) Pyrene-d10	19.40	212	1652521	21.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	1492376	19.97	ng/ul	-0.01

Target Compounds

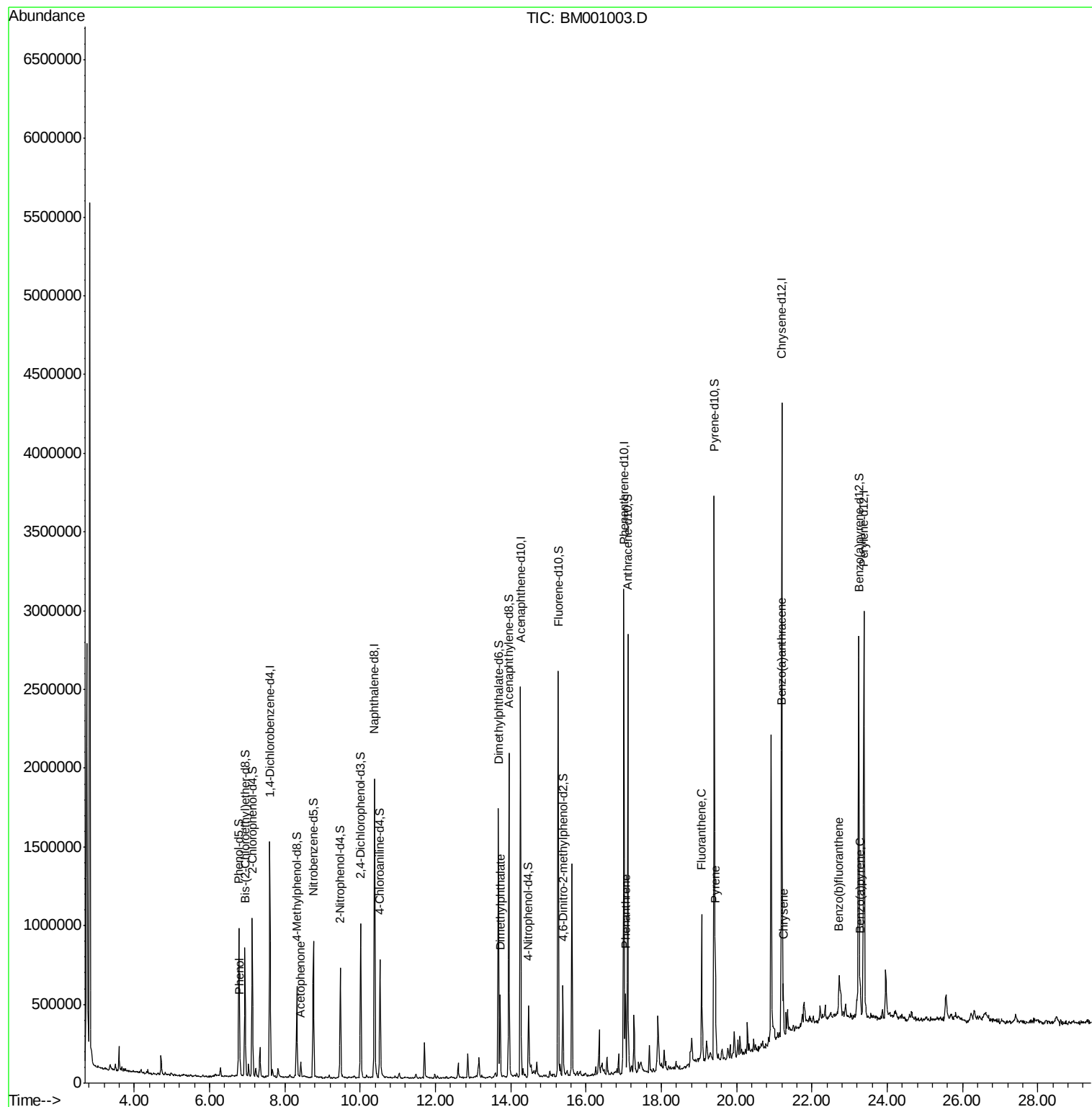
						Qvalue
6) Phenol	6.80	94	49555	1.61	ng/ul	95
14) Acetophenone	8.42	105	46591	1.27	ng/ul	95
44) Dimethylphthalate	13.72	163	315008	5.25	ng/ul	96
69) Phenanthrene	17.04	178	280192	2.96	ng/ul	99
74) Fluoranthene	19.07	202	500355	4.78	ng/ul	98
77) Pyrene	19.43	202	389393	3.50	ng/ul	99
80) Benzo(a)anthracene	21.18	228	189931	1.83	ng/ul	98
82) Chrysene	21.23	228	160469	1.61	ng/ul	95
85) Benzo(b)fluoranthene	22.73	252	191426	1.82	ng/ul	98
88) Benzo(a)pyrene	23.28	252	123011	1.23	ng/ul#	91

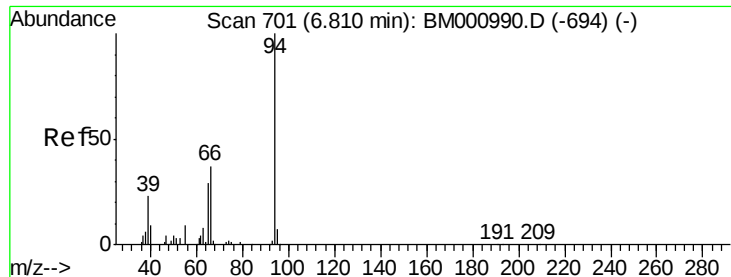
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.61 ng/ul

RT: 6.80 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM001003.D

Acq: 15 Apr 2015 02:46

Instrument :

BNA_M

ClientSampleId :

P001-SD005-0006-01

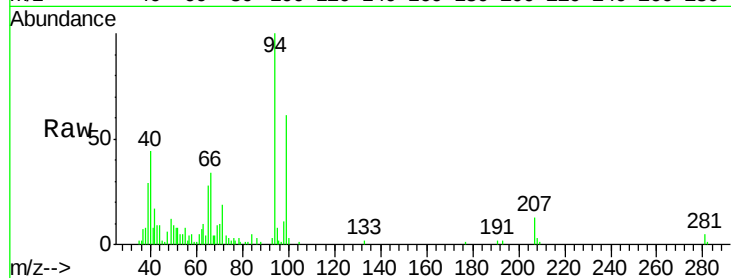
Tgt Ion: 94 Resp: 49555

Ion Ratio Lower Upper

94 100

65 27.7 23.5 35.3

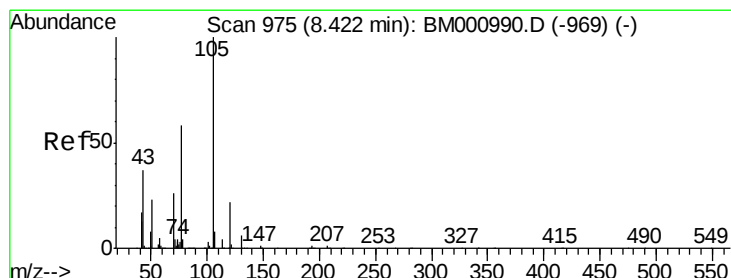
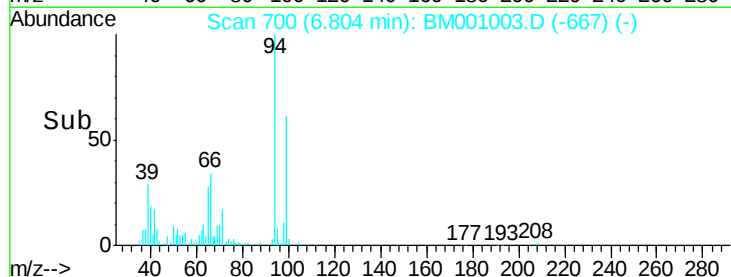
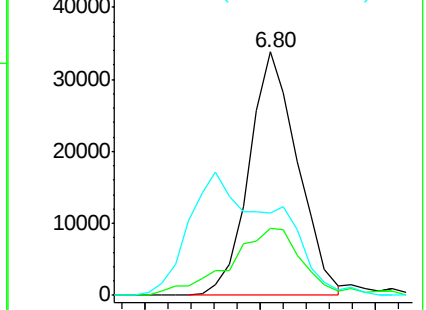
66 34.0 30.6 45.8



Abundance Ion 94.00 (93.70 to 94.70): BM000990.D (-694) (-)

Ion 65.00 (64.70 to 65.70): BM000990.D (-694) (-)

Ion 66.00 (65.70 to 66.70): BM000990.D (-694) (-)



#14

Acetophenone

Concen: 1.27 ng/ul

RT: 8.42 min Scan# 975

Delta R.T. 0.00 min

Lab File: BM001003.D

Acq: 15 Apr 2015 02:46

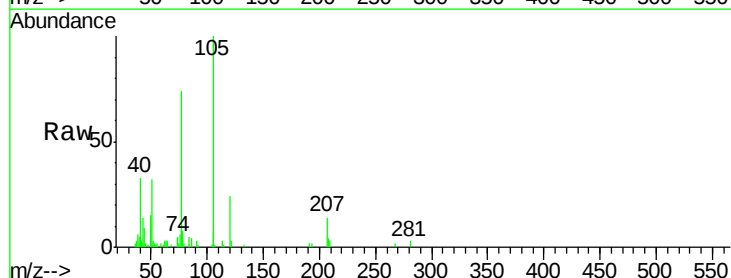
Tgt Ion: 105 Resp: 46591

Ion Ratio Lower Upper

105 100

77 73.6 62.6 94.0

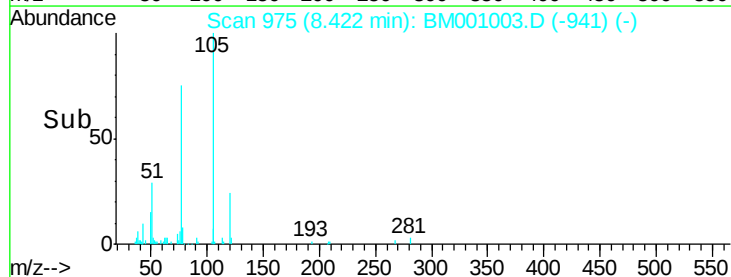
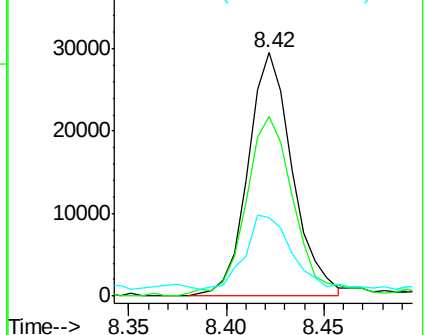
51 32.3 23.8 35.6

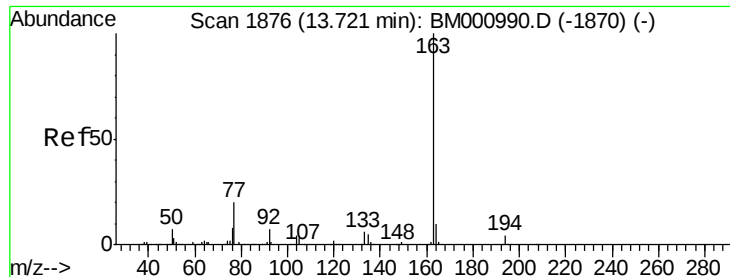


Abundance Ion 105.00 (104.70 to 105.70): BM000990.D (-969) (-)

Ion 77.00 (76.70 to 77.70): BM000990.D (-969) (-)

Ion 51.00 (50.70 to 51.70): BM000990.D (-969) (-)





#44

Dimethylphthalate

Concen: 5.25 ng/ul

RT: 13.72 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BM001003.D

Acq: 15 Apr 2015 02:46

Instrument :

BNA_M

ClientSampleId :

P001-SD005-0006-01

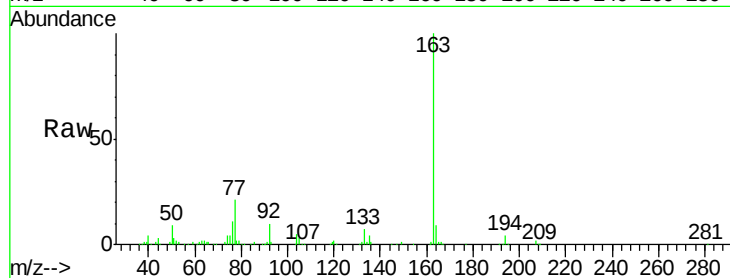
Tgt Ion:163 Resp: 315008

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

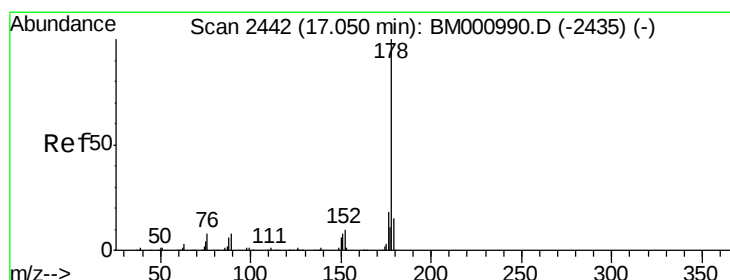
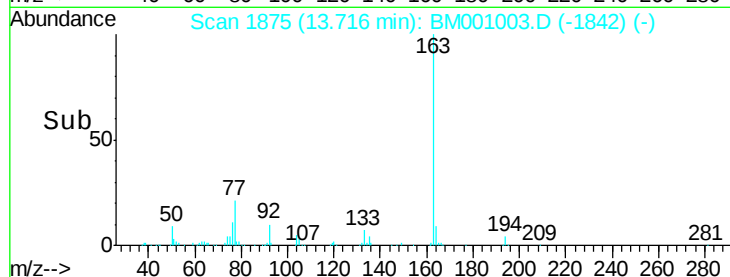
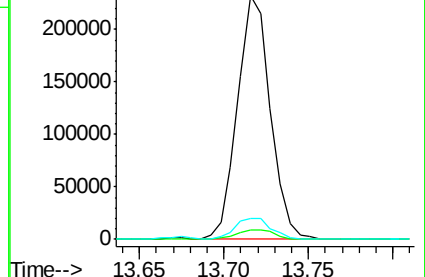
164 8.7 8.6 12.8



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: 2.96 ng/ul

RT: 17.04 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM001003.D

Acq: 15 Apr 2015 02:46

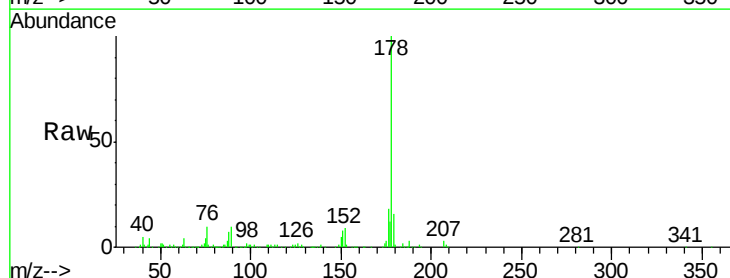
Tgt Ion:178 Resp: 280192

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

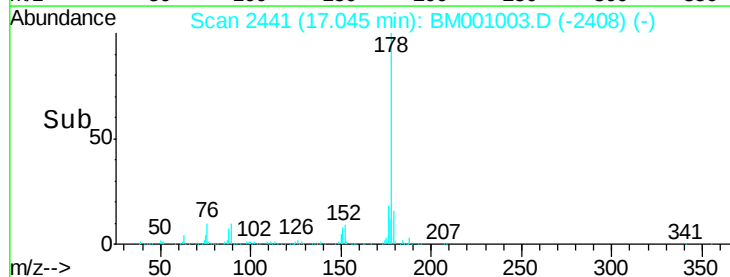
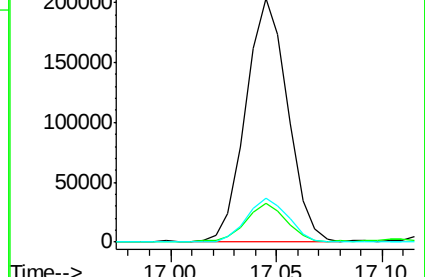
176 18.0 14.3 21.5

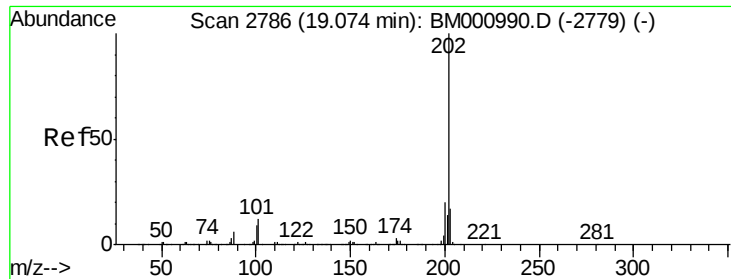


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.78 ng/ul

RT: 19.07 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BM001003.D

Acq: 15 Apr 2015 02:46

Instrument :

BNA_M

ClientSampleId :

P001-SD005-0006-01

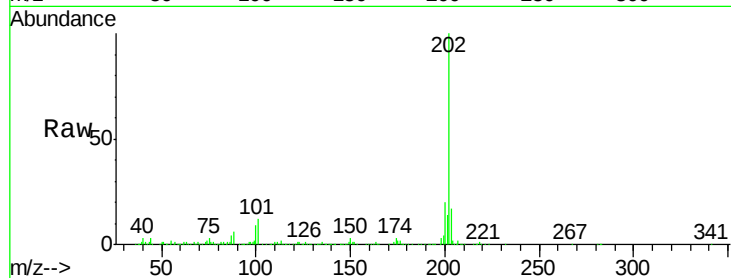
Tgt Ion:202 Resp: 500355

Ion Ratio Lower Upper

202 100

101 12.2 10.3 15.5

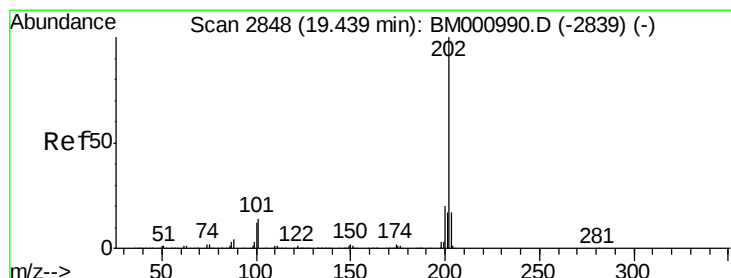
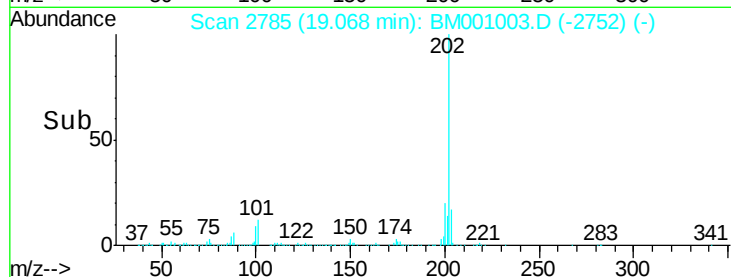
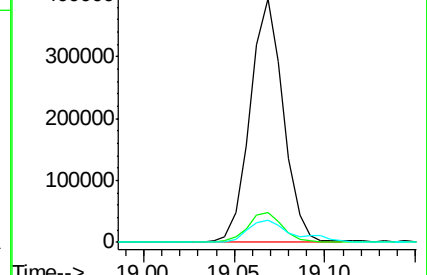
100 9.3 7.8 11.8



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



#77

Pyrene

Concen: 3.50 ng/ul

RT: 19.43 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BM001003.D

Acq: 15 Apr 2015 02:46

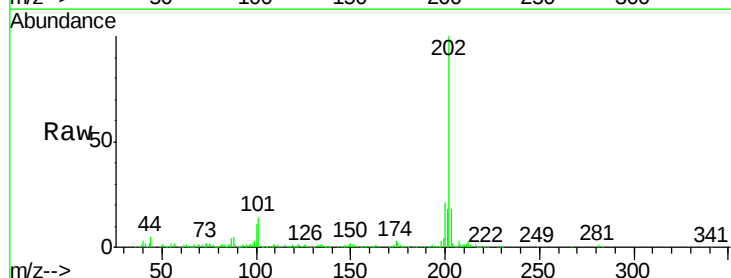
Tgt Ion:202 Resp: 389393

Ion Ratio Lower Upper

202 100

101 14.2 11.6 17.4

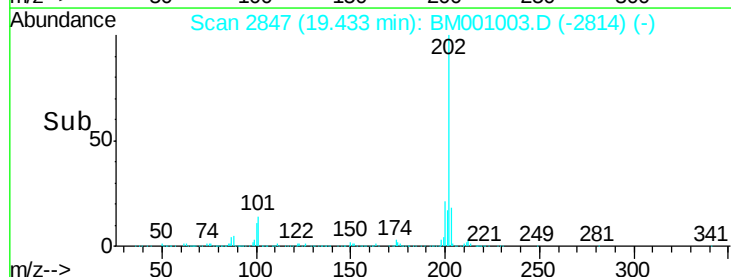
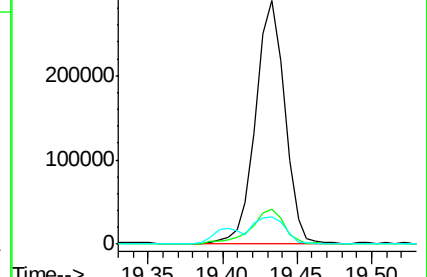
100 11.3 9.4 14.0

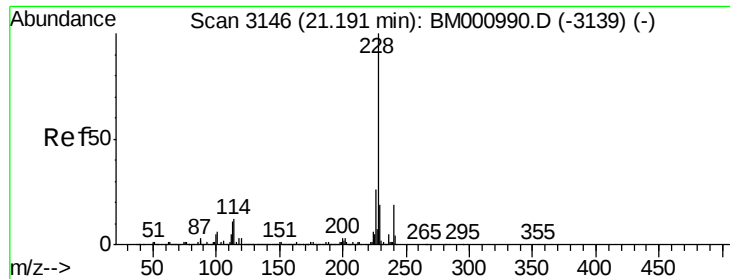


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.83 ng/ul

RT: 21.18 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BM001003.D

Acq: 15 Apr 2015 02:46

Instrument :

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P001-SD005-0006-01

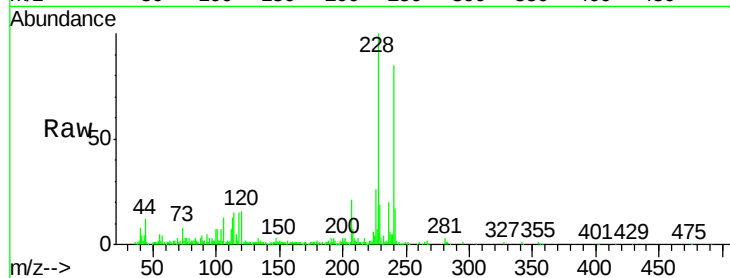
Tgt Ion:228 Resp: 189931

Ion Ratio Lower Upper

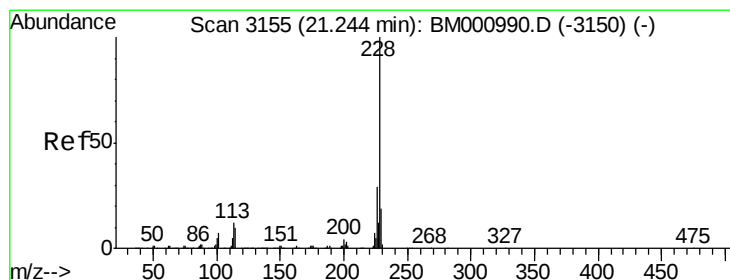
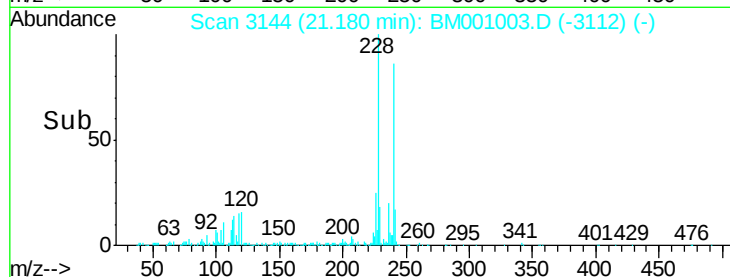
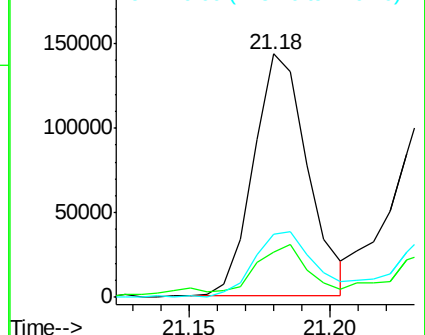
228 100

229 18.7 15.8 23.8

226 26.1 20.5 30.7



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



#82

Chrysene

Concen: 1.61 ng/ul

RT: 21.23 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BM001003.D

Acq: 15 Apr 2015 02:46

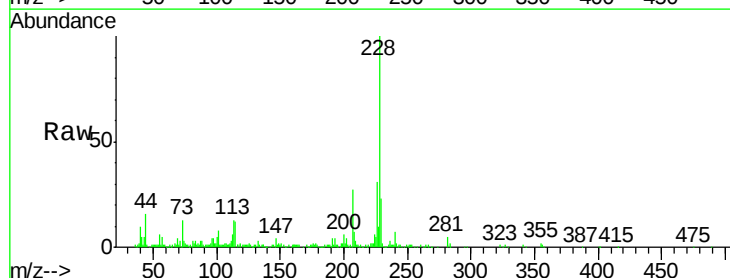
Tgt Ion:228 Resp: 160469

Ion Ratio Lower Upper

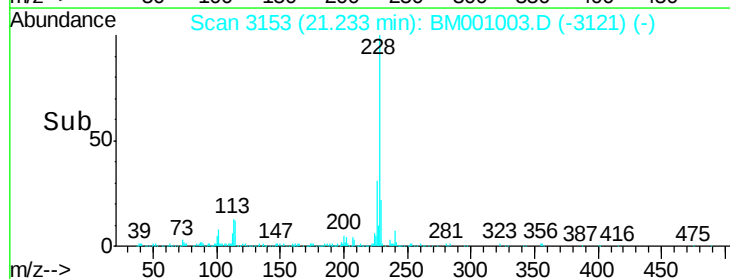
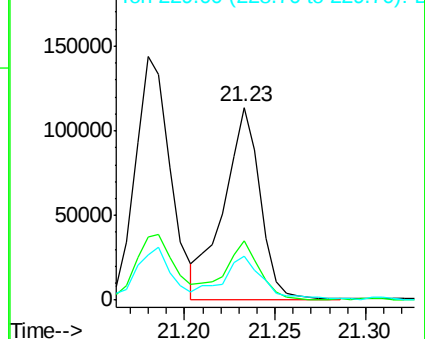
228 100

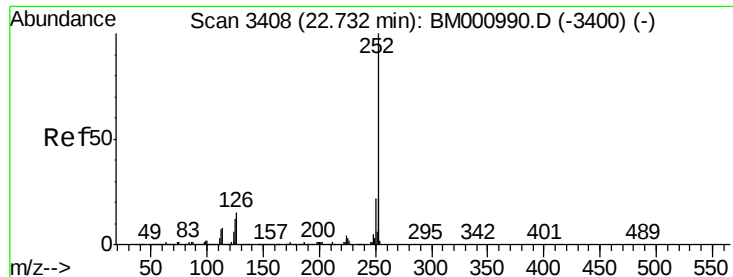
226 30.9 23.0 34.6

229 22.6 15.6 23.4



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





#85

Benzo(b)fluoranthene

Concen: 1.82 ng/ul

RT: 22.73 min Scan# 3407

Delta R.T. -0.01 min

Lab File: BM001003.D

Acq: 15 Apr 2015 02:46

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P001-SD005-0006-01

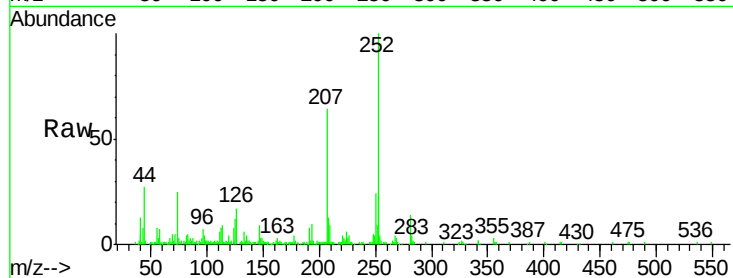
Tgt Ion:252 Resp: 191426

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

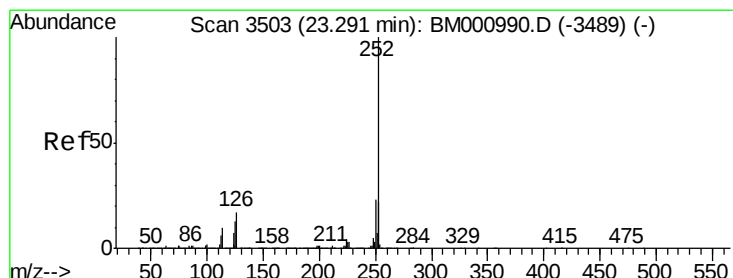
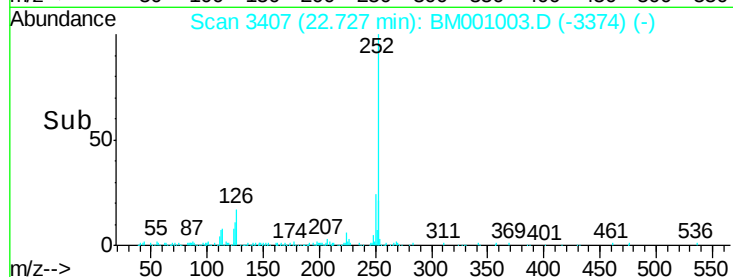
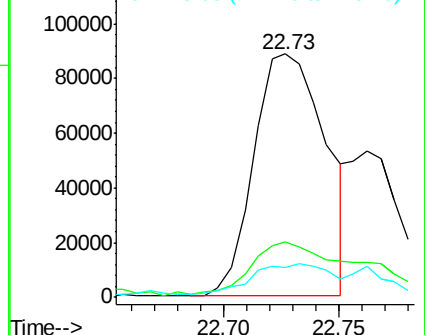
125 12.3 9.2 13.8



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(a)pyrene

Concen: 1.23 ng/ul

RT: 23.28 min Scan# 3501

Delta R.T. -0.01 min

Lab File: BM001003.D

Acq: 15 Apr 2015 02:46

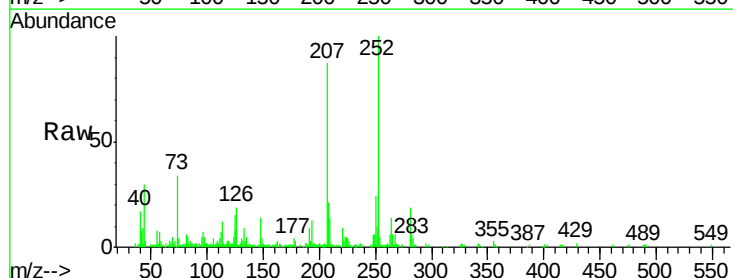
Tgt Ion:252 Resp: 123011

Ion Ratio Lower Upper

252 100

253 27.0 17.2 25.8#

125 14.8 10.2 15.2



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

