

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
 Data File : BM003041.D
 Acq On : 01 Nov 2015 23:13
 Operator : UM/IZ
 Sample : G4210-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC766

Quant Time: Nov 02 02:52:46 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 02 02:48:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	151368	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	654549	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	339562	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	682838	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	675935	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	662355	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	12520	3.90	ng/uL	0.00
5) Phenol-d5	6.92	99	249566	20.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	153564	21.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	215117	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	156184	16.19	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	103016	25.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	107627	26.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	204546	22.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	647068	55.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	683004	26.74	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	787271	24.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	81414	18.91	ng/ul	0.00
58) Fluorene-d10	15.40	176	562759	25.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	62339	19.71	ng/ul	0.00
71) Anthracene-d10	17.25	188	779208	25.74	ng/ul	0.00
79) Pyrene-d10	19.54	212	786832	23.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	791375	25.14	ng/ul	0.00

Target Compounds

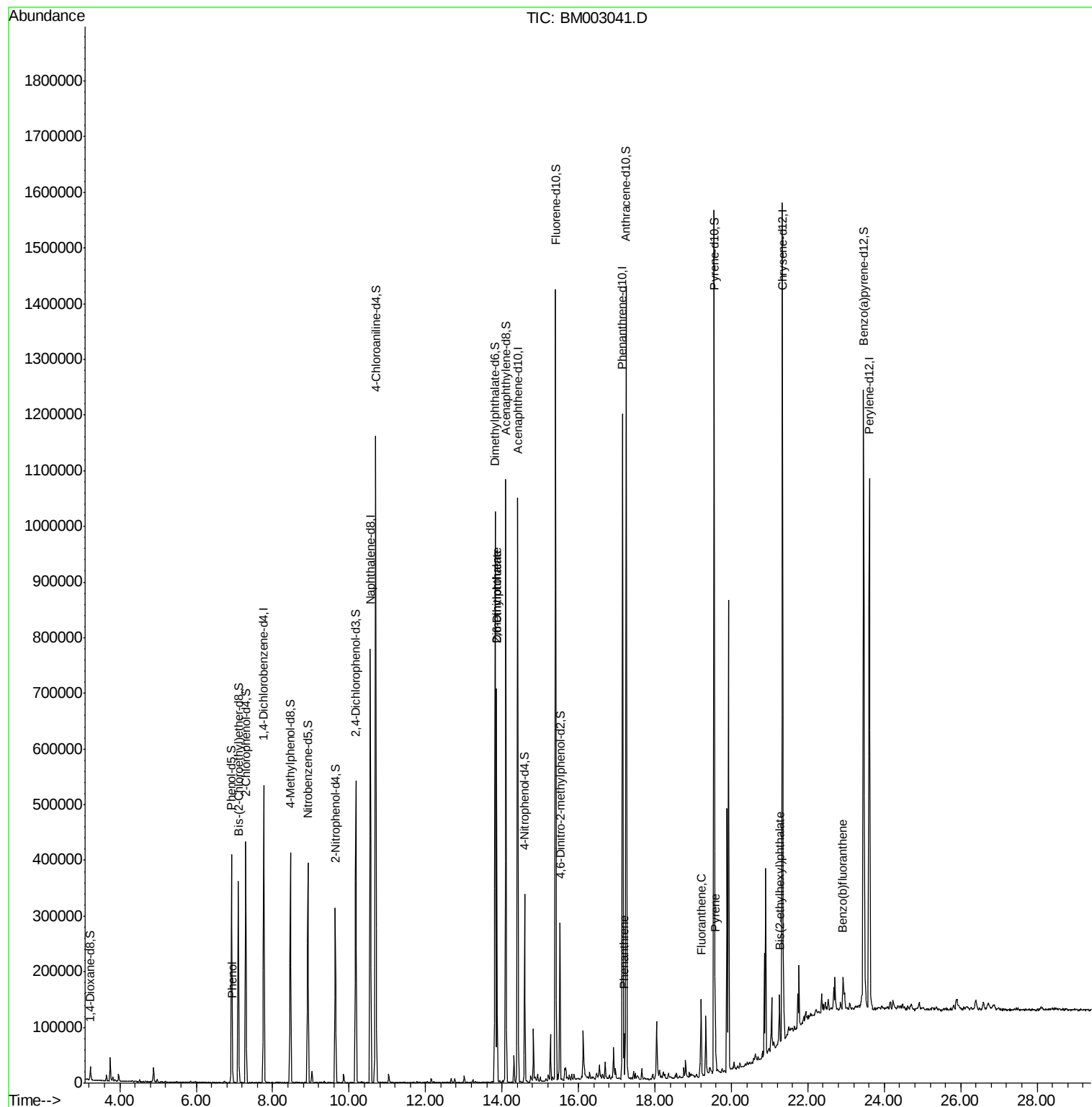
						Qvalue
6) Phenol	6.95	94	13864	1.13	ng/ul#	90
45) Dimethylphthalate	13.86	163	452283	17.38	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	4993	1.17	ng/ul#	64
70) Phenanthrene	17.19	178	49628	1.28	ng/ul	100
77) Fluoranthene	19.21	202	73304	1.87	ng/ul	98
80) Pyrene	19.57	202	60886	1.38	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.26	149	37650	1.85	ng/ul	100
88) Benzo(b)fluoranthene	22.93	252	41616	1.09	ng/ul	97

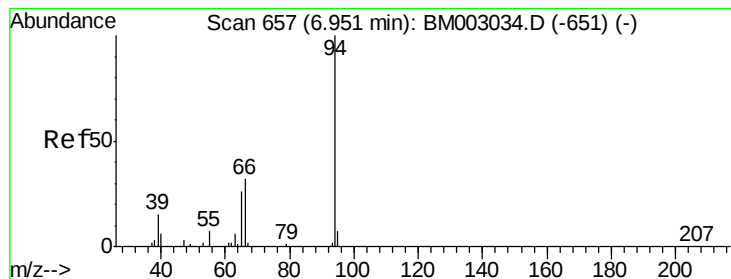
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.13 ng/ul

RT: 6.95 min Scan# 657

Delta R.T. -0.00 min

Lab File: BM003041.D

Acq: 01 Nov 2015 23:13

Instrument :

BNA_M

ClientSampleId :

BC766

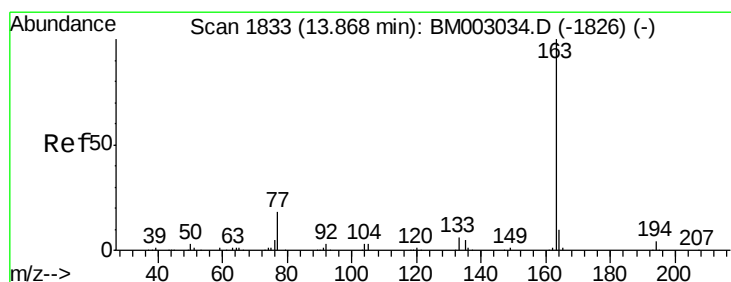
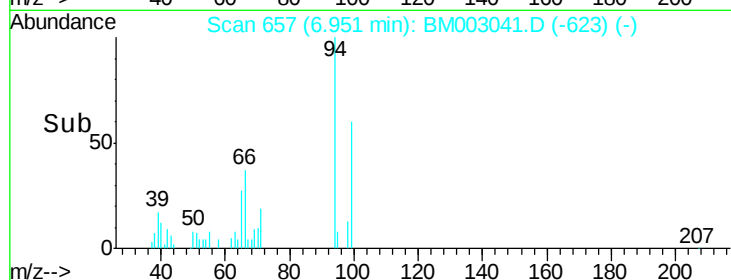
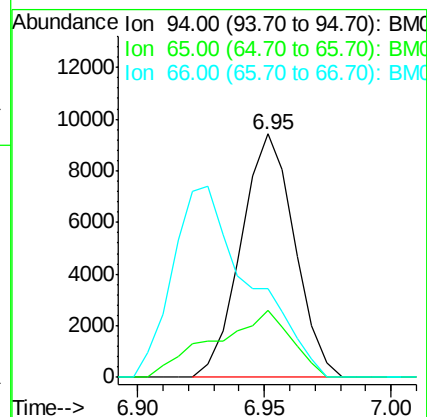
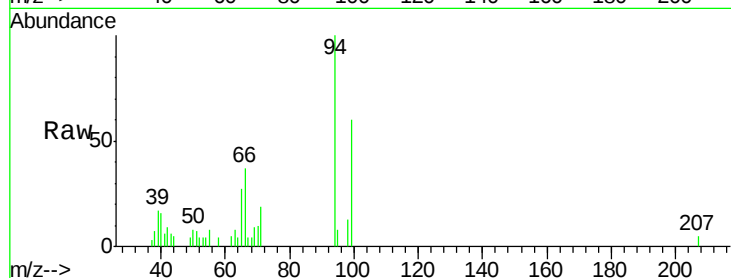
Tgt Ion: 94 Resp: 13864

Ion Ratio Lower Upper

94 100

65 27.3 18.7 28.1

66 36.6 24.2 36.2#



#45

Dimethylphthalate

Concen: 17.38 ng/ul

RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM003041.D

Acq: 01 Nov 2015 23:13

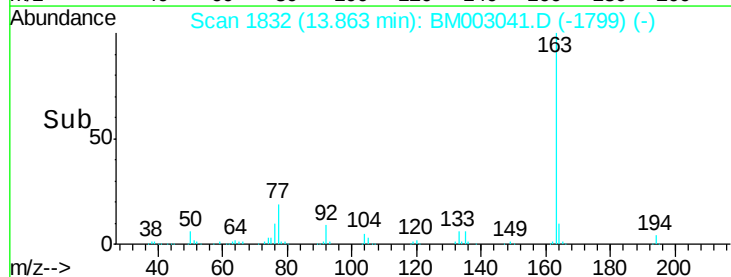
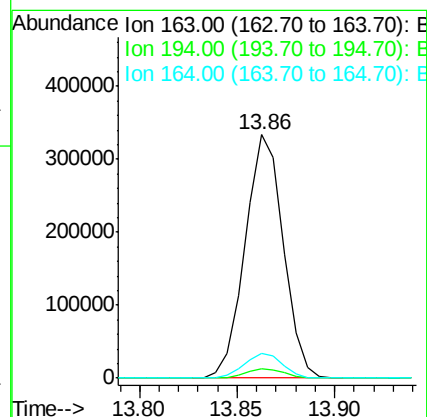
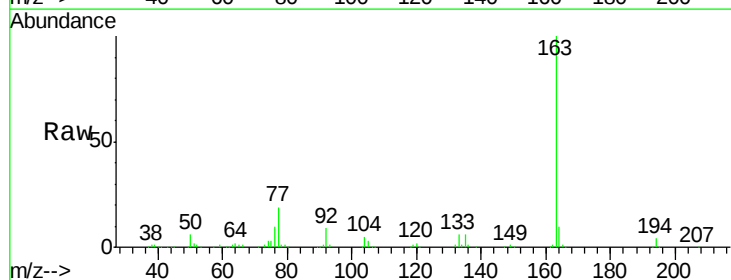
Tgt Ion: 163 Resp: 452283

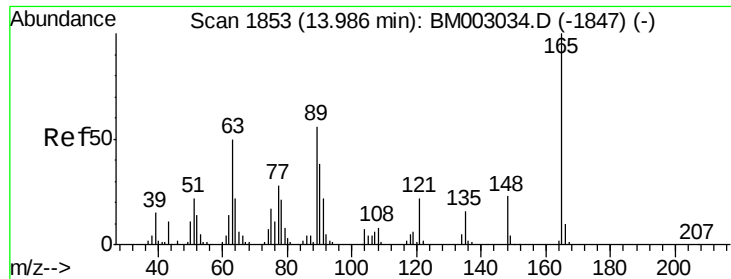
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.3 7.8 11.8

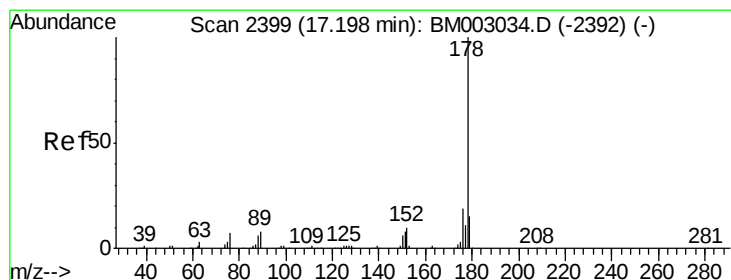
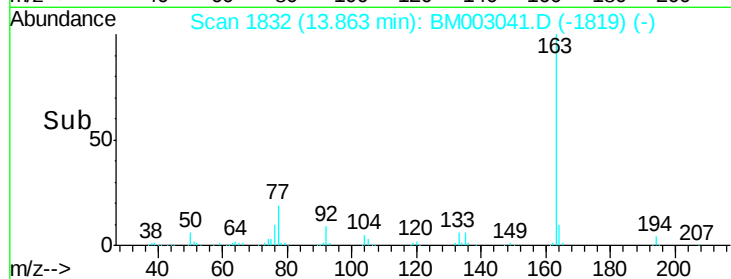
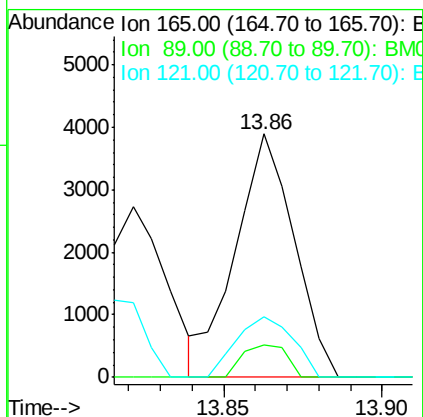
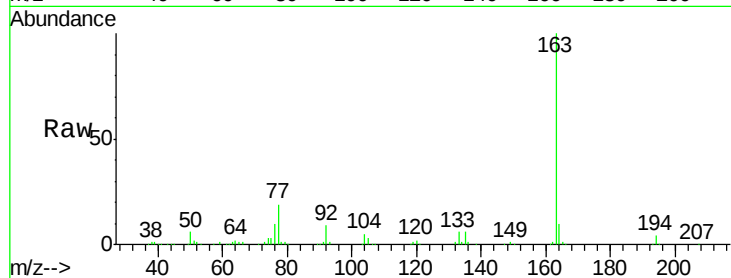




#46
 2,6-Dinitrotoluene
 Concen: 1.17 ng/ul
 RT: 13.86 min Scan# 1832
 Delta R.T. -0.12 min
 Lab File: BM003041.D
 Acq: 01 Nov 2015 23:13

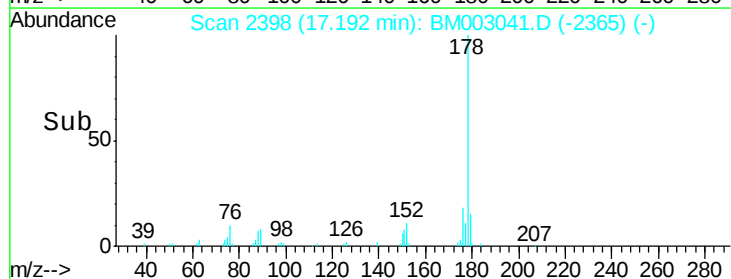
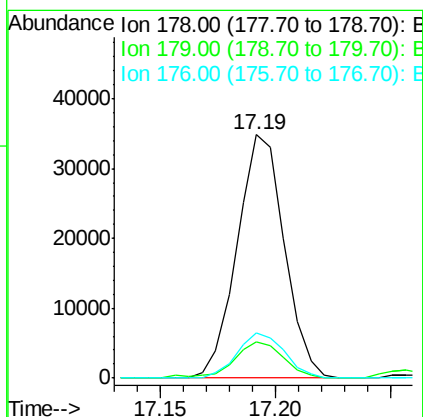
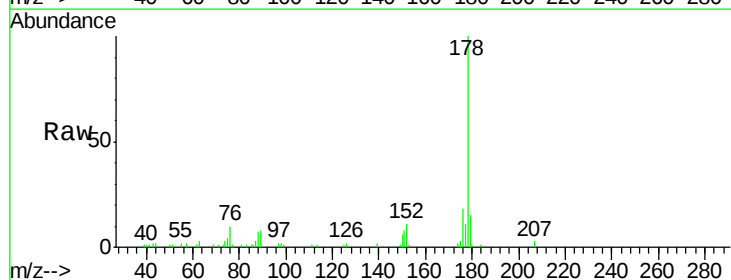
Instrument :
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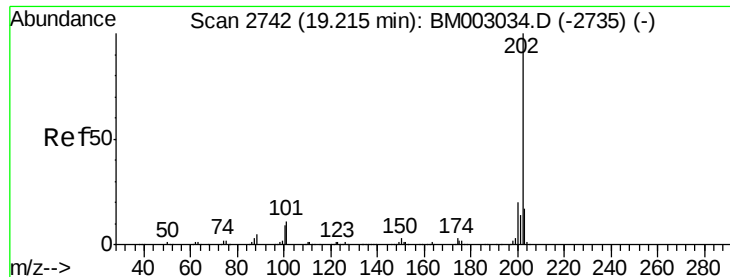
Tgt Ion:165 Resp: 4993
 Ion Ratio Lower Upper
 165 100
 89 13.3 34.6 51.8#
 121 24.8 15.4 23.0#



#70
 Phenanthrene
 Concen: 1.28 ng/ul
 RT: 17.19 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BM003041.D
 Acq: 01 Nov 2015 23:13

Tgt Ion:178 Resp: 49628
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.2 18.4
 176 18.3 14.7 22.1

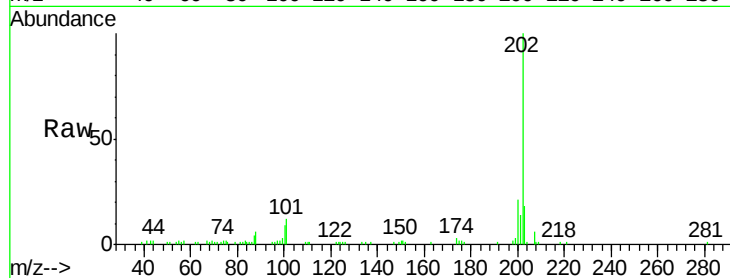




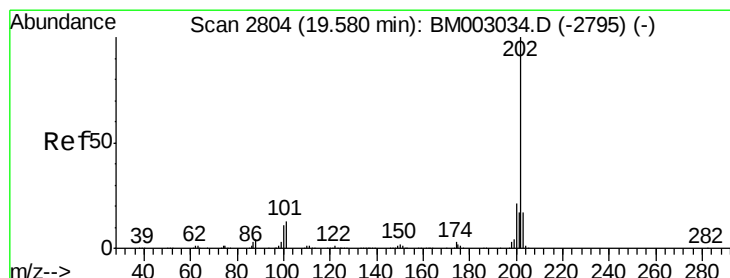
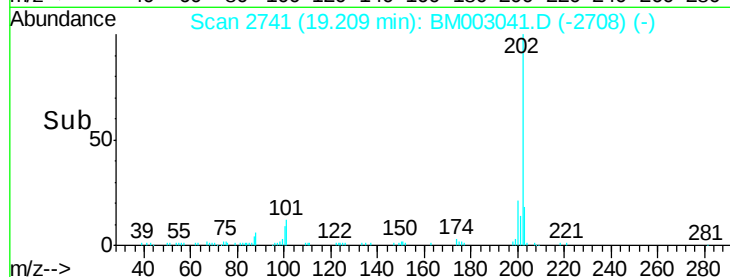
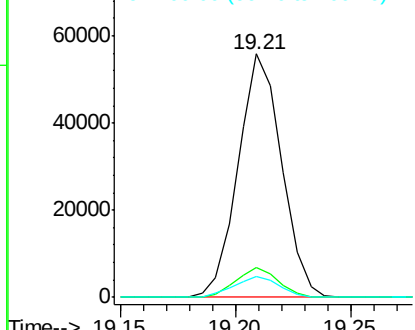
#77
Fluoranthene
 Concen: 1.87 ng/ul
 RT: 19.21 min Scan# 2741
 Delta R.T. -0.01 min
 Lab File: BM003041.D
 Acq: 01 Nov 2015 23:13

Instrument :
 BNA_M
 ClientSampleId :
 BC766

Tgt Ion:202 Resp: 73304
 Ion Ratio Lower Upper
 202 100
 101 12.4 10.4 15.6
 100 8.7 7.8 11.6

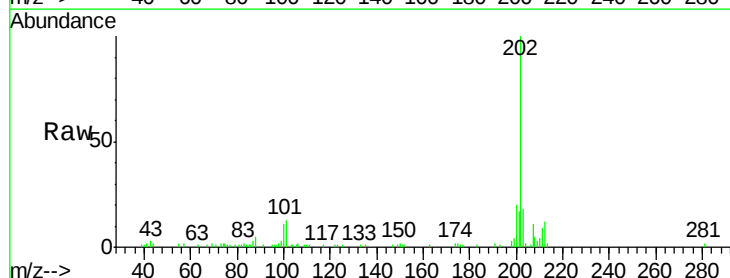


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

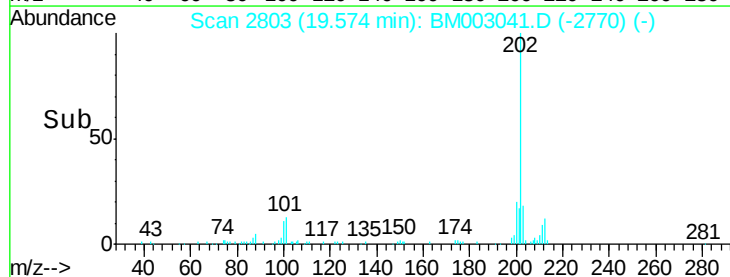
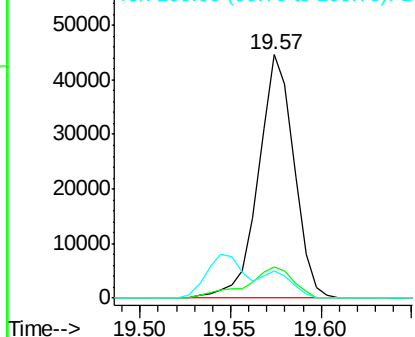


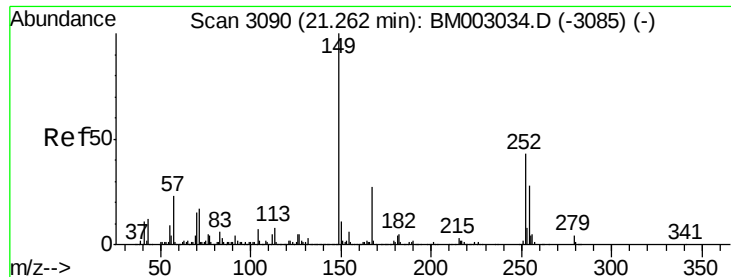
#80
Pyrene
 Concen: 1.38 ng/ul
 RT: 19.57 min Scan# 2803
 Delta R.T. -0.01 min
 Lab File: BM003041.D
 Acq: 01 Nov 2015 23:13

Tgt Ion:202 Resp: 60886
 Ion Ratio Lower Upper
 202 100
 101 13.0 12.6 18.8
 100 11.2 10.6 15.8



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

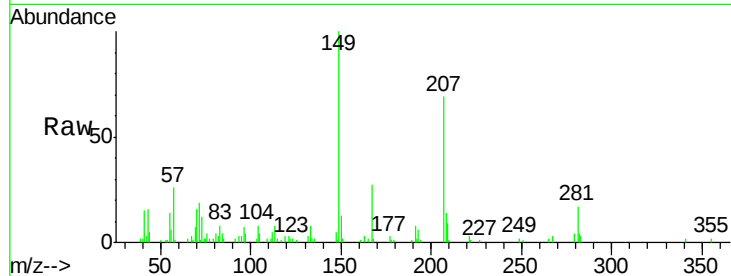




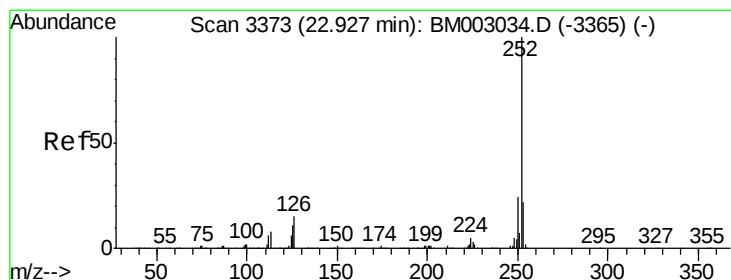
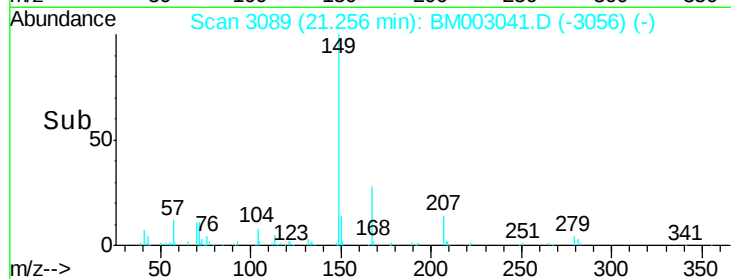
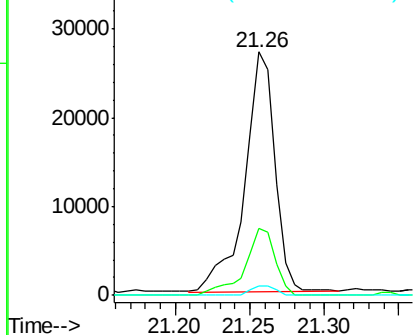
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.85 ng/ul
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM003041.D
 Acq: 01 Nov 2015 23:13

Instrument :
 BNA_M
 ClientSampleId :
 BC766

Tgt Ion:149 Resp: 37650
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.0 33.0
 279 3.7 3.2 4.8

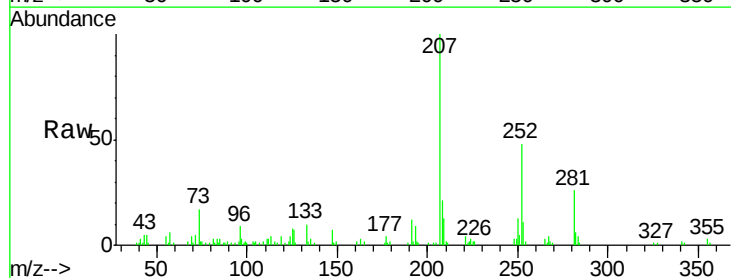


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#88
 Benzo(b)fluoranthene
 Concen: 1.09 ng/ul
 RT: 22.93 min Scan# 3373
 Delta R.T. -0.00 min
 Lab File: BM003041.D
 Acq: 01 Nov 2015 23:13

Tgt Ion:252 Resp: 41616
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.4 26.2
 125 15.7 10.7 16.1



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

