

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031516\
 Data File : BM004617.D
 Acq On : 16 Mar 2016 03:24
 Operator : UM/SJ
 Sample : H1778-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9Y3

Quant Time: Mar 16 07:29:22 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 16 07:32:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	68625	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	306812	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	183613	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	436782	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	512380	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	492519	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	5524	2.78	ng/uL	0.00
5) Phenol-d5	7.00	99	92847	16.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	66224	20.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	70370	15.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	77514	17.05	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	38555	18.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	18304	7.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	54660	12.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	116920	21.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	268846	18.73	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	339964	19.32	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.47	176	256930	20.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.32	188	405570	20.17	ng/ul	0.00
79) Pyrene-d10	19.61	212	476201	20.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	498490	22.66	ng/ul	0.00

Target Compounds

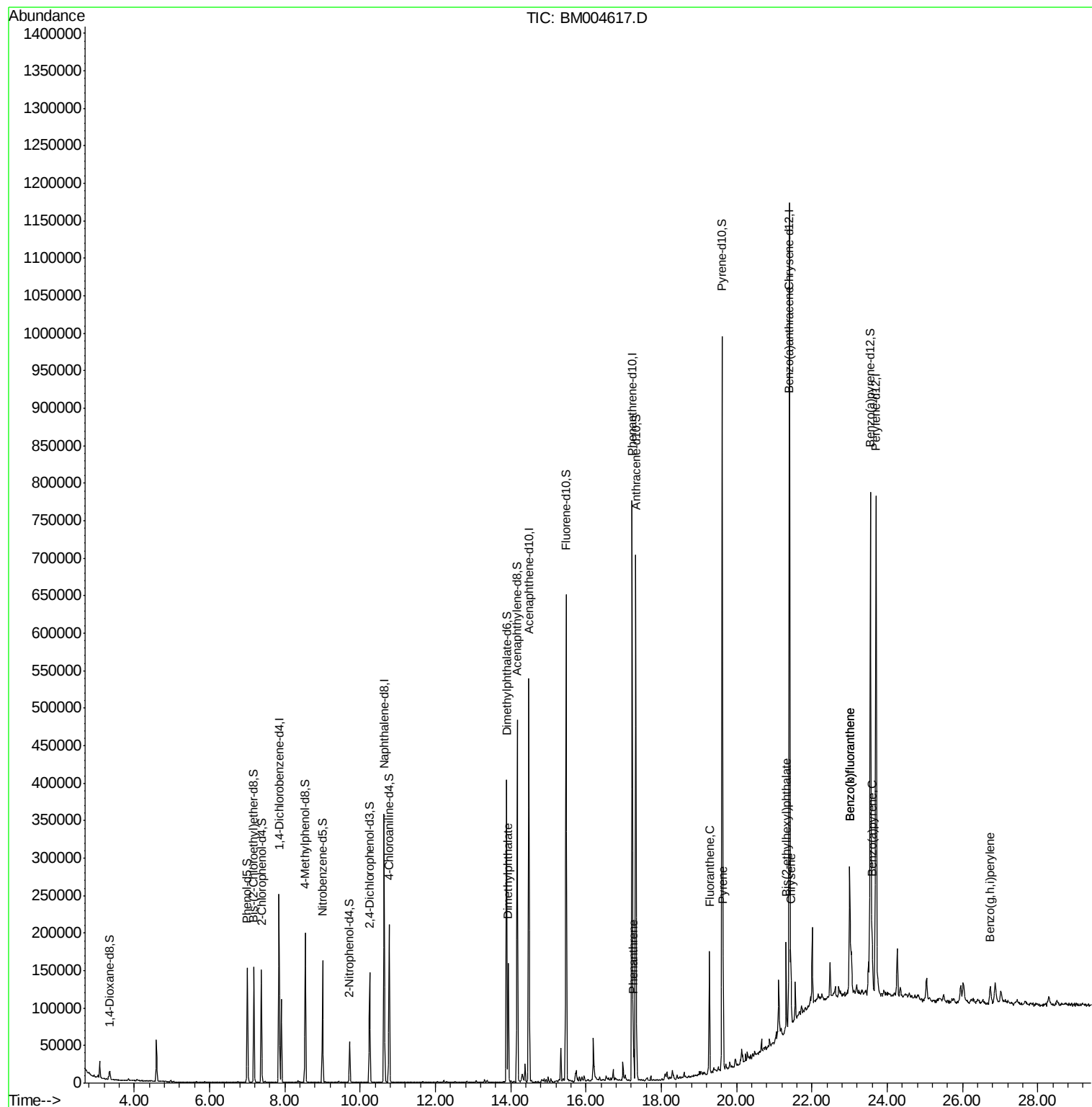
						Ovalue
45) Dimethylphthalate	13.93	163	102281	7.02	ng/ul	100
70) Phenanthrene	17.26	178	34413	1.38	ng/ul	99
77) Fluoranthene	19.27	202	92240	3.35	ng/ul	98
80) Pyrene	19.64	202	84003	2.71	ng/ul	97
83) Benzo(a)anthracene	21.39	228	48228	1.61	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.31	149	39088	2.21	ng/ul	98
85) Chrysene	21.43	228	51933	1.82	ng/ul	98
88) Benzo(b)fluoranthene	23.00	252	67154	2.29	ng/ul#	94
89) Benzo(k)fluoranthene	23.00	252	67154	2.40	ng/ul#	93
91) Benzo(a)pyrene	23.60	252	41597	1.48	ng/ul#	96
94) Benzo(g,h,i)perylene	26.74	276	28076	1.05	ng/ul	98

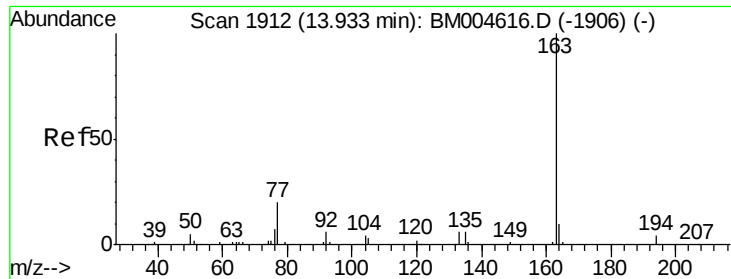
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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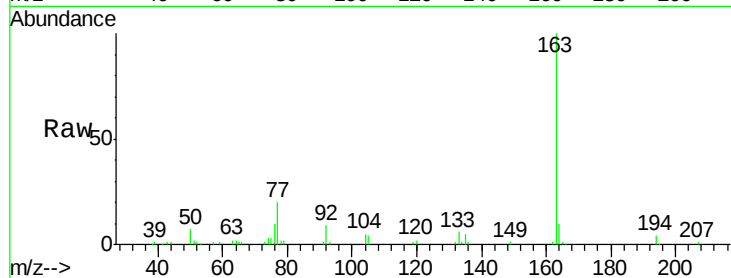




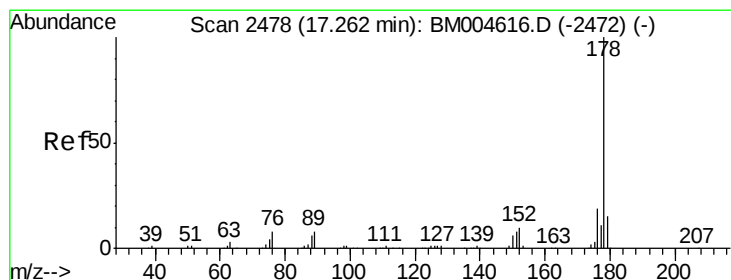
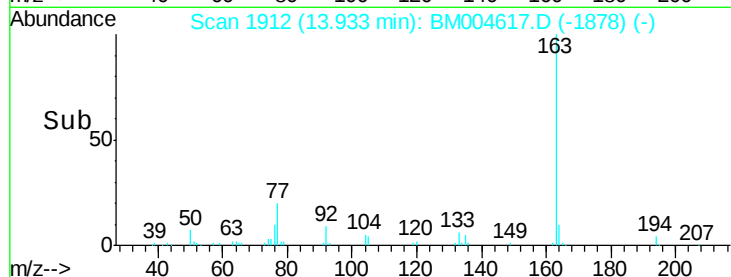
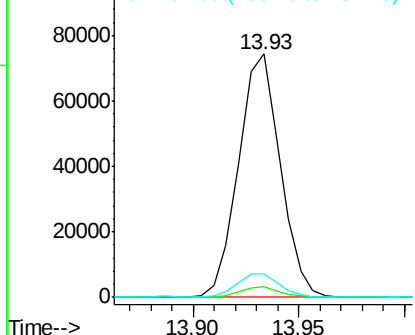
#45
Dimethylphthalate
Concen: 7.02 ng/ul
RT: 13.93 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BM004617.D
Acq: 16 Mar 2016 03:24

Instrument :
BNA_M
ClientSampleId :
BC9Y3

Tot Ion:163 Resp: 102281
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.8 7.8 11.8

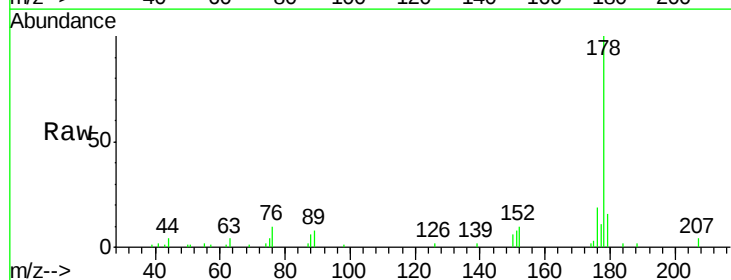


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

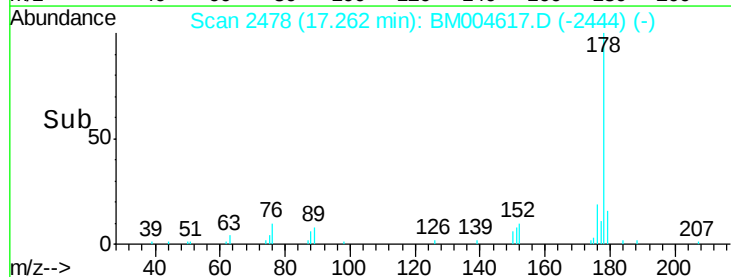
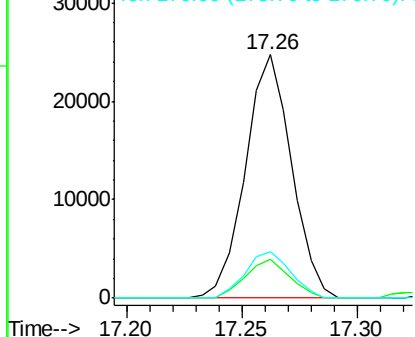


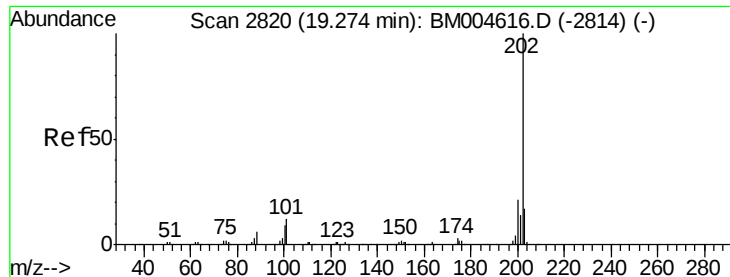
#70
Phenanthrene
Concen: 1.38 ng/ul
RT: 17.26 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM004617.D
Acq: 16 Mar 2016 03:24

Tgt Ion:178 Resp: 34413
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 19.1 15.6 23.4



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

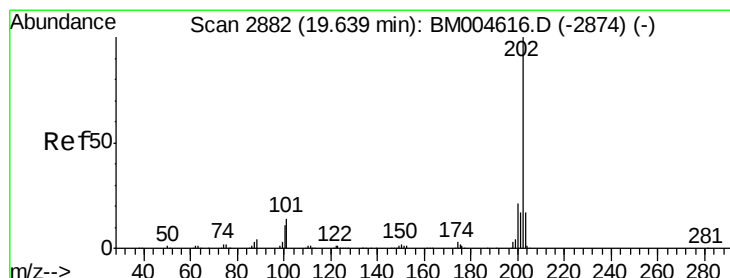
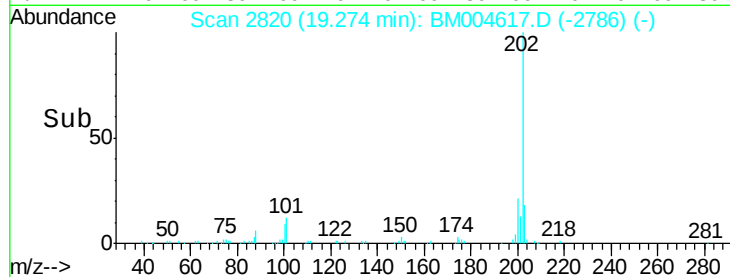
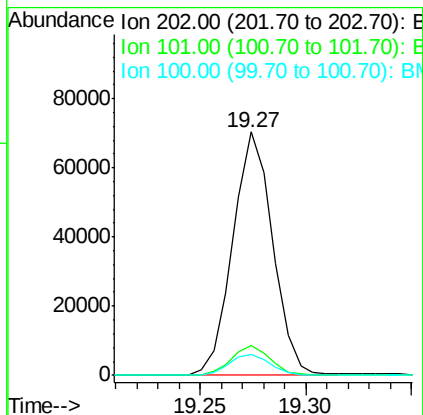
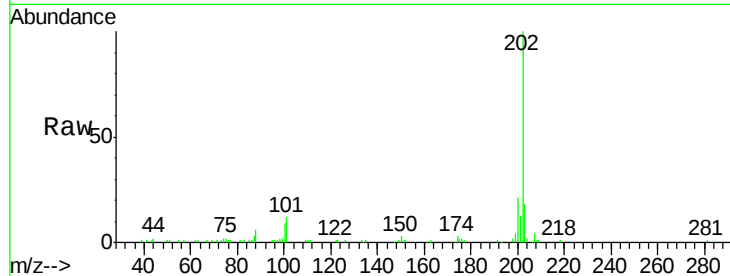




#77
Fluoranthene
 Concen: 3.35 ng/ul
 RT: 19.27 min Scan# 2820
 Delta R.T. -0.00 min
 Lab File: BM004617.D
 Acq: 16 Mar 2016 03:24

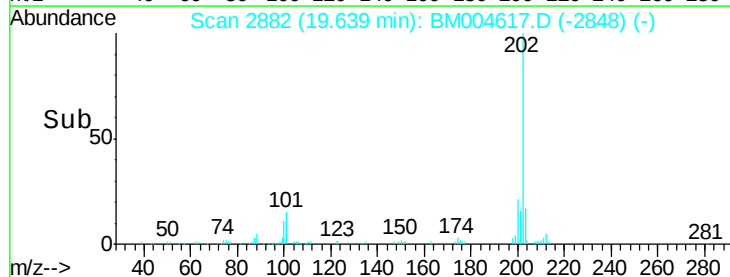
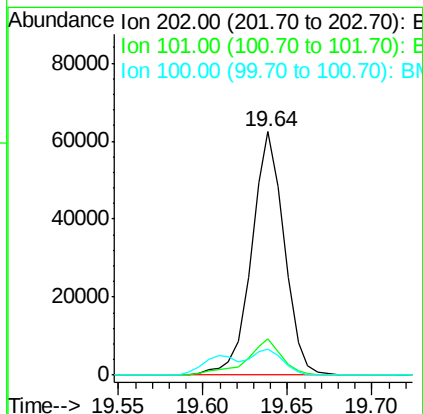
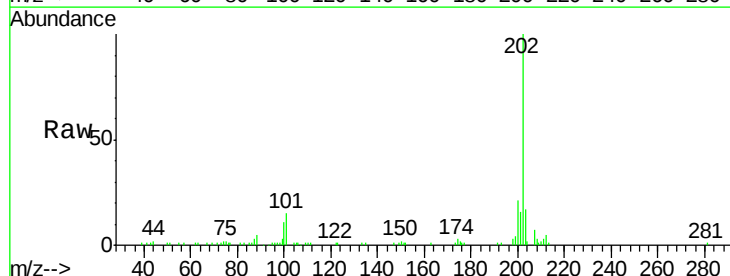
Instrument :
 BNA_M
 ClientSampleId :
 BC9Y3

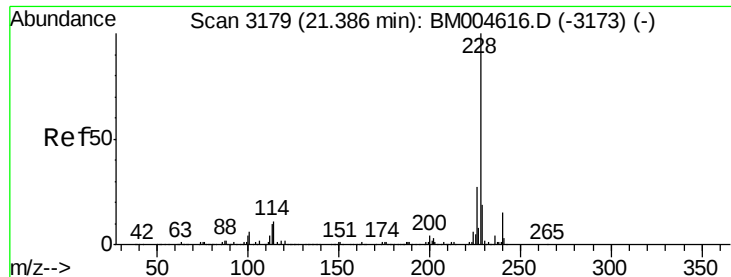
Tot Ion:202 Resp: 92240
 Ion Ratio Lower Upper
 202 100
 101 12.1 8.8 13.2
 100 8.7 6.6 9.8



#80
Pyrene
 Concen: 2.71 ng/ul
 RT: 19.64 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BM004617.D
 Acq: 16 Mar 2016 03:24

Tgt Ion:202 Resp: 84003
 Ion Ratio Lower Upper
 202 100
 101 14.8 10.2 15.2
 100 10.9 8.5 12.7

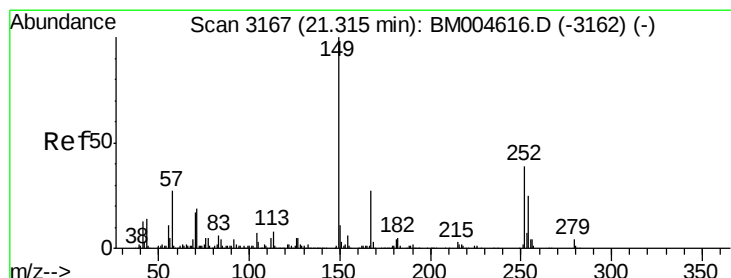
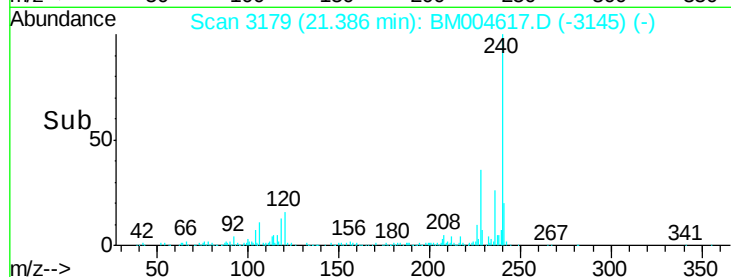
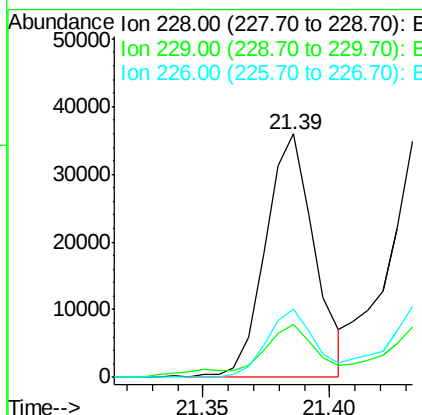
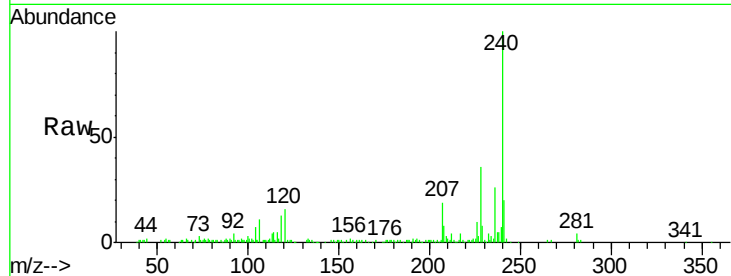




#83
Benzo(a)anthracene
Concen: 1.61 ng/ul
RT: 21.39 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BM004617.D
Acq: 16 Mar 2016 03:24

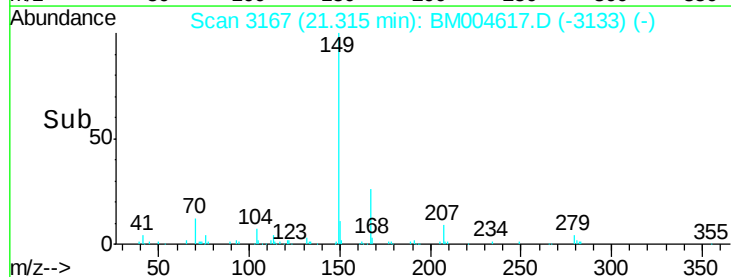
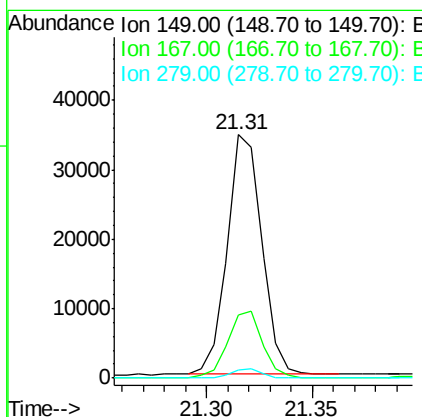
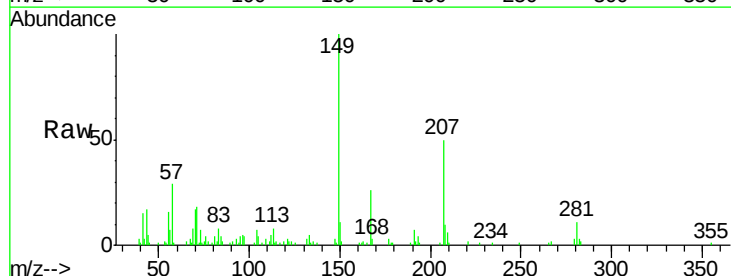
Instrument :
BNA_M
ClientSampleId :
BC9Y3

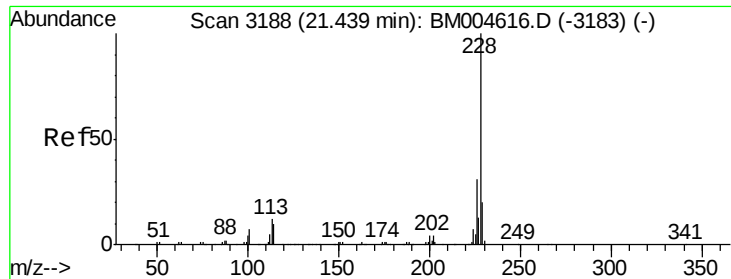
Tot Ion:228 Resp: 48228
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 28.0 21.8 32.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.21 ng/ul
RT: 21.31 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BM004617.D
Acq: 16 Mar 2016 03:24

Tgt Ion:149 Resp: 39088
Ion Ratio Lower Upper
149 100
167 25.9 21.6 32.4
279 3.5 3.0 4.4

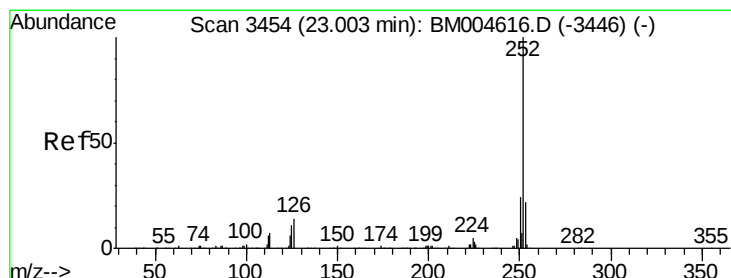
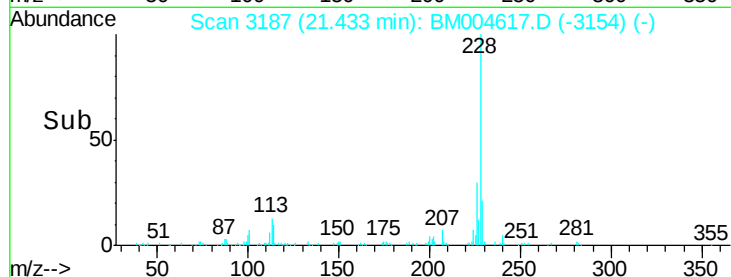
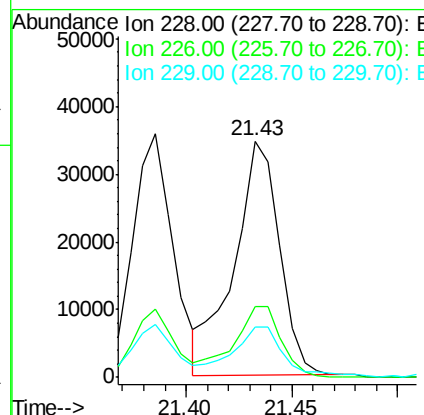
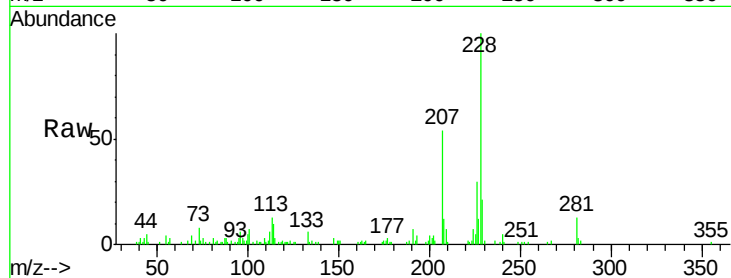




#85
 Chrysene
 Concen: 1.82 ng/ul
 RT: 21.43 min Scan# 3187
 Delta R.T. -0.01 min
 Lab File: BM004617.D
 Acq: 16 Mar 2016 03:24

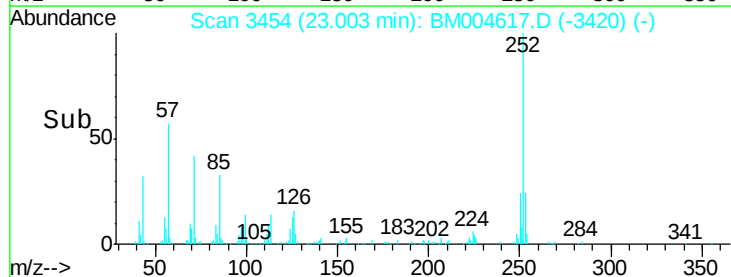
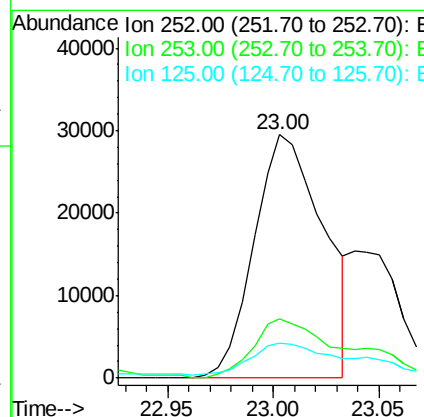
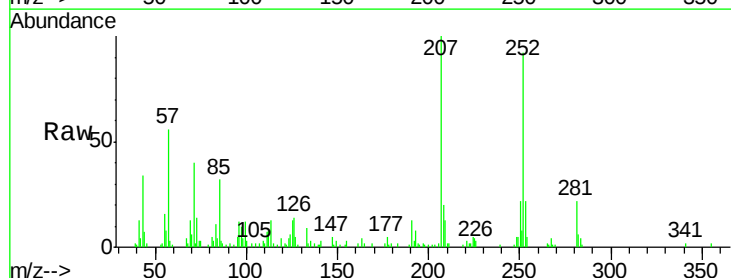
Instrument :
 BNA_M
 ClientSampleID :
 BC9Y3

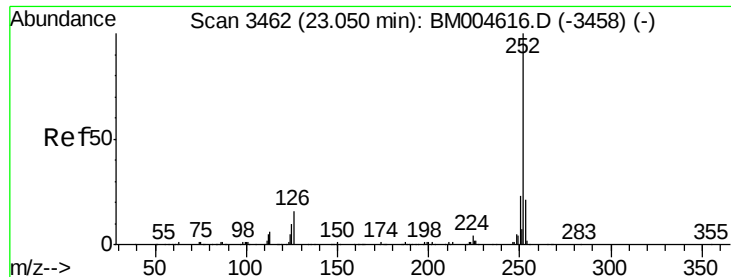
Tot Ion:228 Resp: 51933
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.0 36.0
 229 21.3 15.6 23.4



#88
 Benzo(b)fluoranthene
 Concen: 2.29 ng/ul
 RT: 23.00 min Scan# 3454
 Delta R.T. -0.00 min
 Lab File: BM004617.D
 Acq: 16 Mar 2016 03:24

Tgt Ion:252 Resp: 67154
 Ion Ratio Lower Upper
 252 100
 253 24.2 17.5 26.3
 125 14.3 8.5 12.7#





#89

Benzo(k)fluoranthene

Concen: 2.40 ng/ul

RT: 23.00 min Scan# 3454

Delta R.T. -0.05 min

Lab File: BM004617.D

Acq: 16 Mar 2016 03:24

Instrument :

BNA_M

ClientSampleId :

BC9Y3

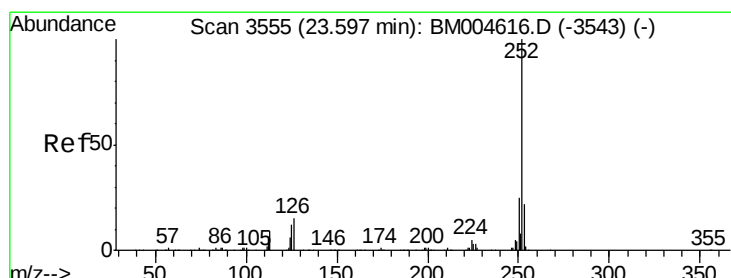
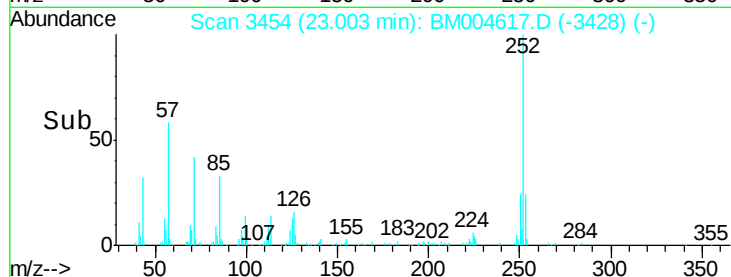
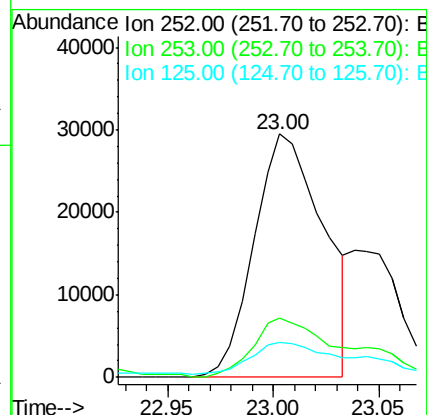
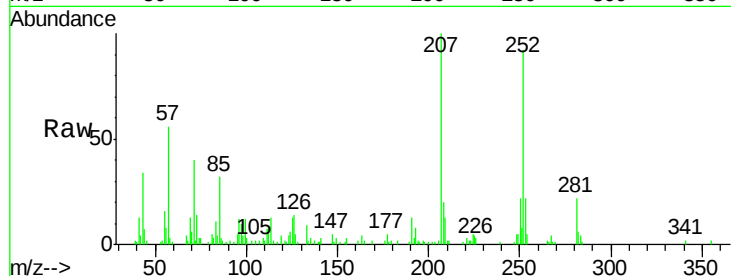
Tot Ion:252 Resp: 67154

Ion Ratio Lower Upper

252 100

253 24.2 17.3 25.9

125 14.3 8.2 12.2#



#91

Benzo(a)pyrene

Concen: 1.48 ng/ul

RT: 23.60 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BM004617.D

Acq: 16 Mar 2016 03:24

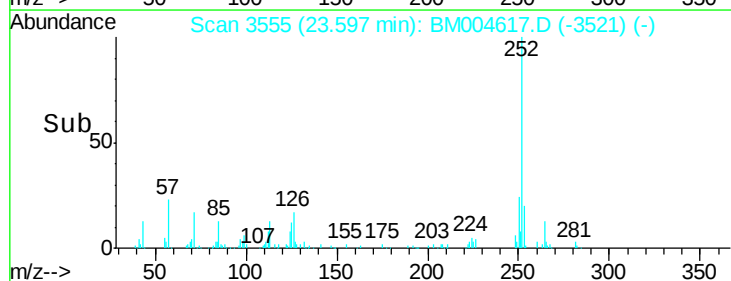
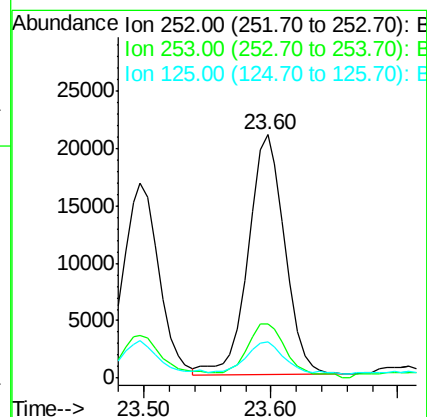
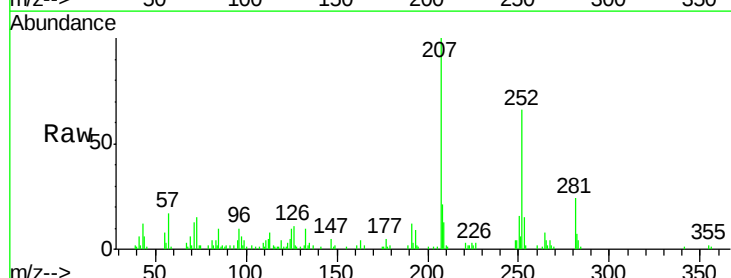
Tgt Ion:252 Resp: 41597

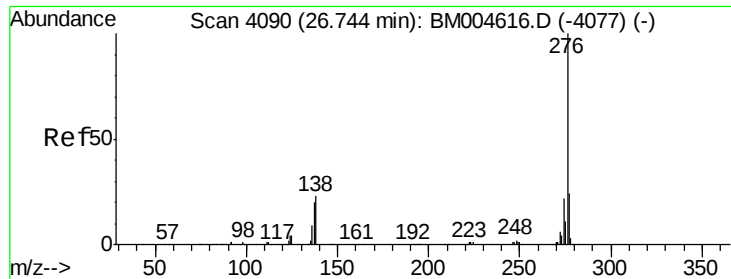
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 14.7 9.0 13.6#





#94

Benzo(a,h,i)perylene

Concen: 1.05 ng/ul

RT: 26.74 min Scan# 4089

Delta R.T. -0.01 min

Lab File: BM004617.D

Acq: 16 Mar 2016 03:24

Instrument :

BNA_M

ClientSampleId :

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Tot Ion: 276 Resp: 28076

Ion Ratio Lower Upper

276 100

138 24.6 18.9 28.3

277 22.9 19.2 28.8

