

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031516\
 Data File : BM004621.D
 Acq On : 16 Mar 2016 05:48
 Operator : UM/SJ
 Sample : H1778-01 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9Y1

Quant Time: Mar 16 07:29:58 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	62463	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	264791	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	144730	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	322511	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	377179	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	376536	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	1131	0.62	ng/uL	0.00
5) Phenol-d5	7.00	99	18486	3.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	12315	4.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	15617	3.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	14083	3.40	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	5740	3.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	5755	2.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	13188	3.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	17653	3.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	42760	3.78	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	50511	3.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	2629	1.20	ng/ul	0.00
58) Fluorene-d10	15.47	176	42044	4.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	1878	1.11	ng/ul	0.00
71) Anthracene-d10	17.32	188	61237	4.12	ng/ul	0.00
79) Pyrene-d10	19.61	212	74392	4.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	81156	4.83	ng/ul	0.00

Target Compounds

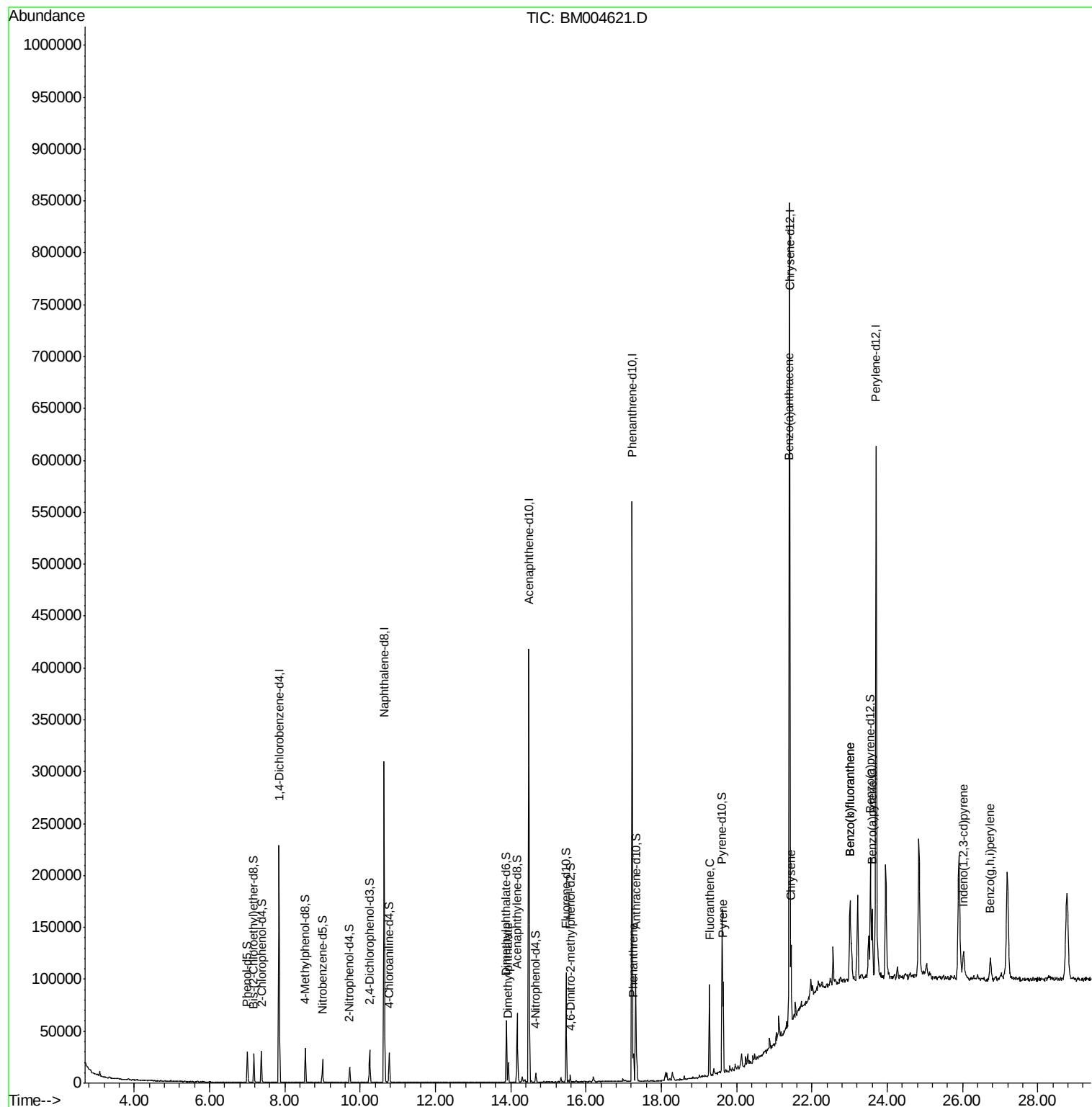
						Ovalue
45) Dimethylphthalate	13.93	163	13504	1.18	ng/ul#	98
70) Phenanthrene	17.26	178	25506	1.38	ng/ul	96
77) Fluoranthene	19.27	202	51437	2.53	ng/ul	97
80) Pyrene	19.64	202	54329	2.38	ng/ul	98
83) Benzo(a)anthracene	21.39	228	35731	1.62	ng/ul	99
85) Chrysene	21.44	228	44954	2.14	ng/ul	99
88) Benzo(b)fluoranthene	23.01	252	64362	2.87	ng/ul	96
89) Benzo(k)fluoranthene	23.01	252	64362	3.01	ng/ul#	96
91) Benzo(a)pyrene	23.60	252	40587	1.89	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.03	276	25809	1.07	ng/ul#	92
94) Benzo(g,h,i)perylene	26.74	276	23184	1.13	ng/ul	96

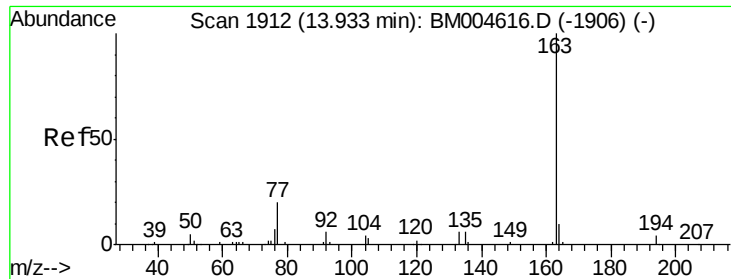
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 1.18 ng/ul

RT: 13.93 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BM004621.D

Acq: 16 Mar 2016 05:48

Instrument :

BNA_M

ClientSampleId :

BC9Y1

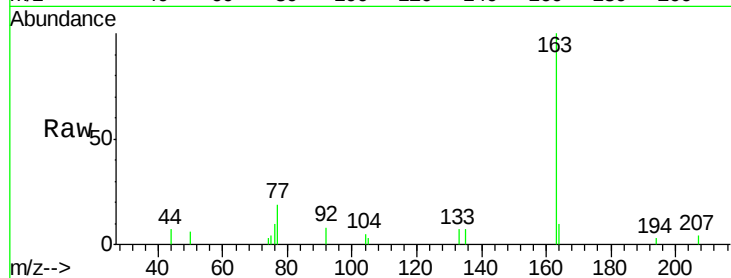
Tot Ion:163 Resp: 13504

Ion Ratio Lower Upper

163 100

194 3.1 3.2 4.8#

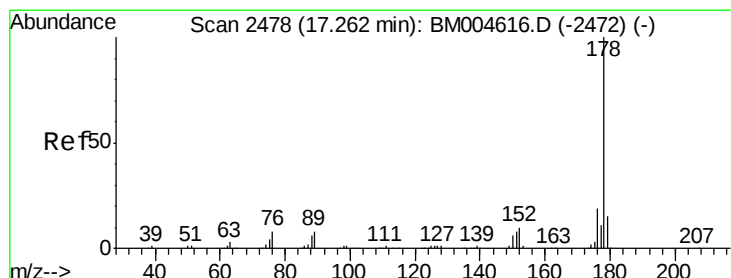
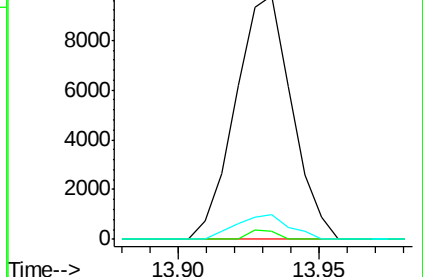
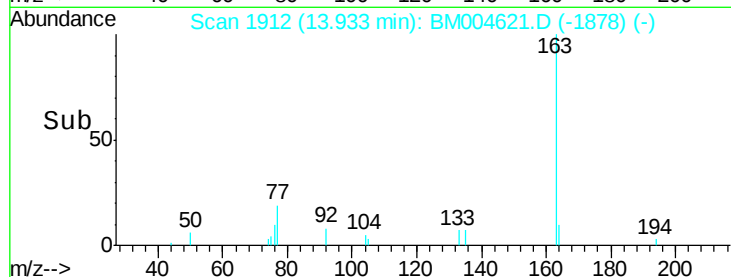
164 10.3 7.8 11.8



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: BM004621.D

Acq: 16 Mar 2016 05:48

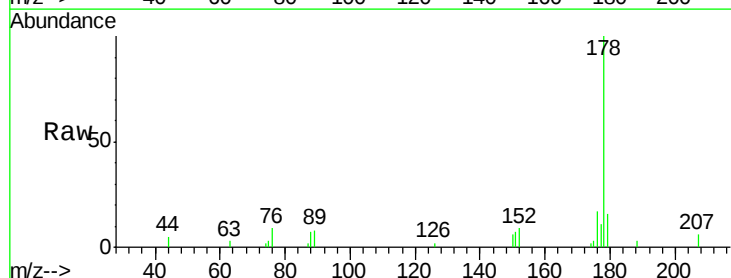
Tgt Ion:178 Resp: 25506

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

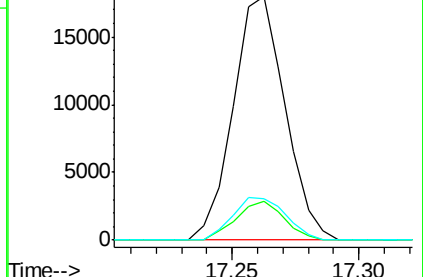
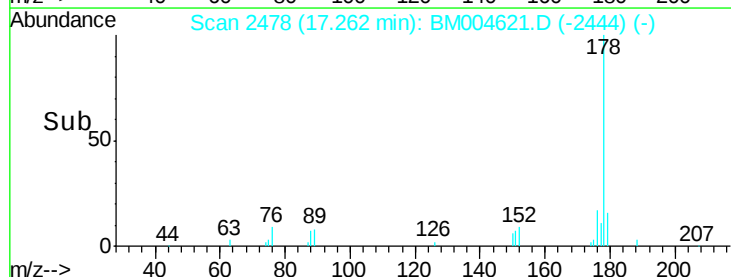
176 17.0 15.6 23.4

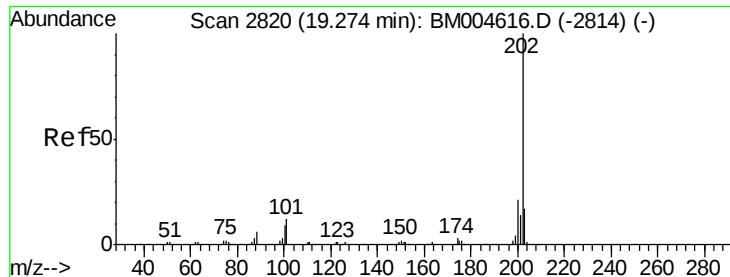


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

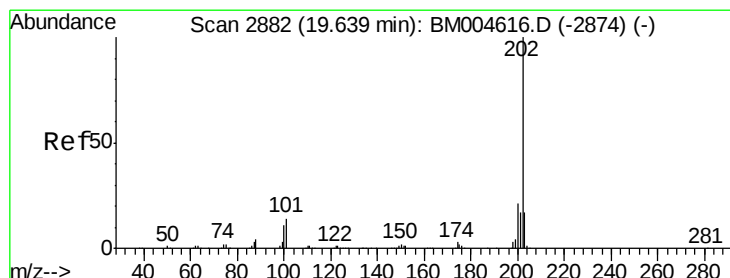
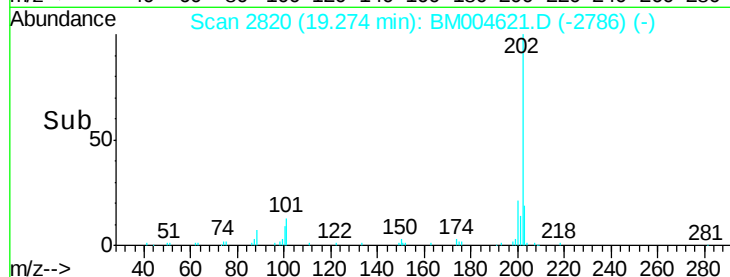
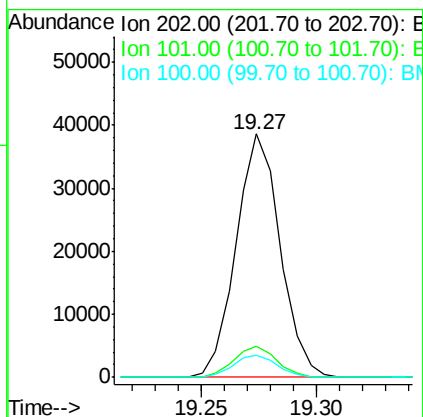
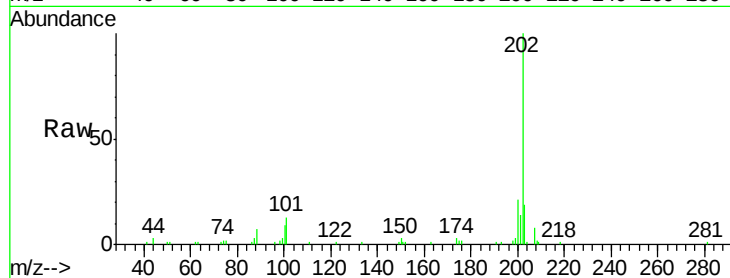




#77
Fluoranthene
 Concen: 2.53 ng/ul
 RT: 19.27 min Scan# 2820
 Delta R.T. -0.00 min
 Lab File: BM004621.D
 Acq: 16 Mar 2016 05:48

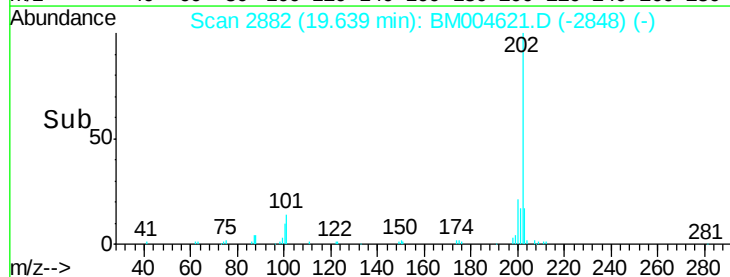
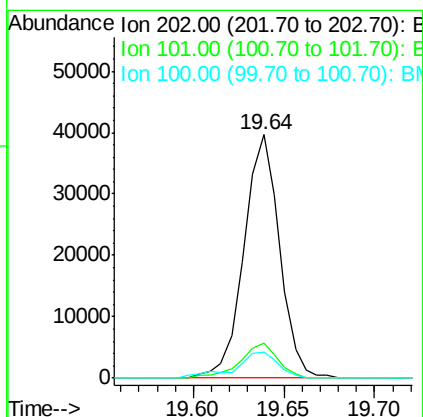
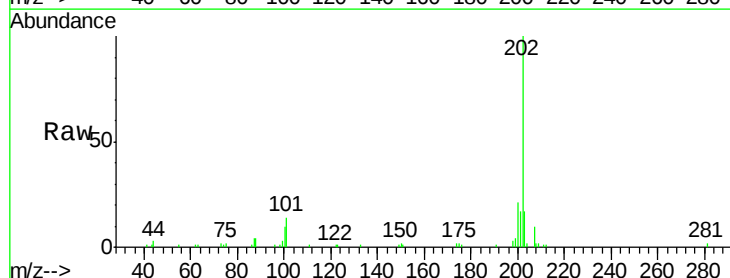
Instrument :
 BNA_M
 ClientSampleId :
 BC9Y1

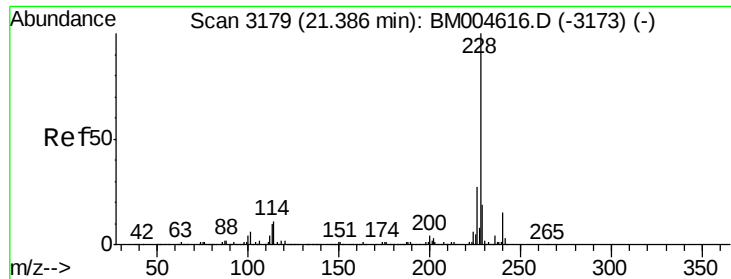
Tot Ion:202 Resp: 51437
 Ion Ratio Lower Upper
 202 100
 101 12.6 8.8 13.2
 100 9.0 6.6 9.8



#80
Pyrene
 Concen: 2.38 ng/ul
 RT: 19.64 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BM004621.D
 Acq: 16 Mar 2016 05:48

Tgt Ion:202 Resp: 54329
 Ion Ratio Lower Upper
 202 100
 101 14.4 10.2 15.2
 100 10.4 8.5 12.7





#83

Benzo(a)anthracene

Concen: 1.62 ng/ul

RT: 21.39 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BM004621.D

Acq: 16 Mar 2016 05:48

Instrument :

BNA_M

ClientSampleId :

BC9Y1

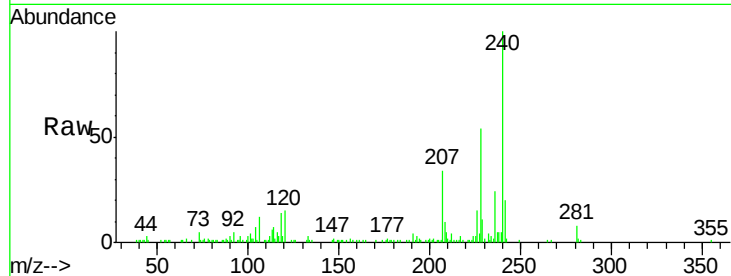
Tot Ion:228 Resp: 35731

Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

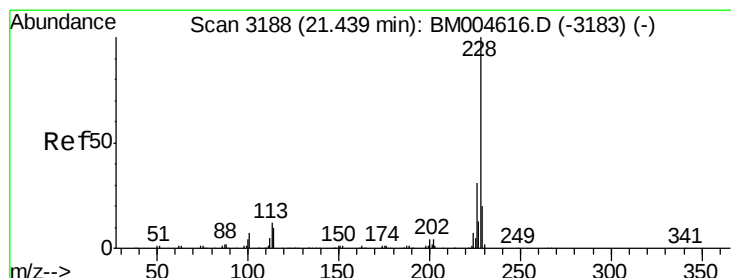
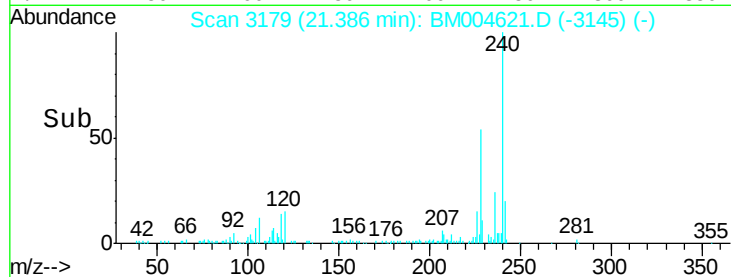
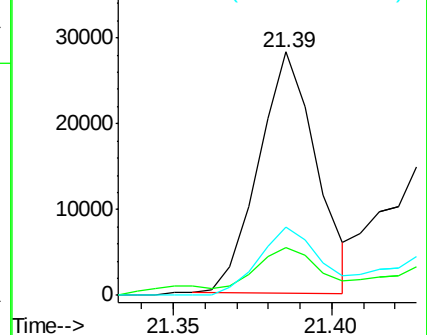
226 27.8 21.8 32.6



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



#85

Chrysene

Concen: 2.14 ng/ul

RT: 21.44 min Scan# 3188

Delta R.T. -0.00 min

Lab File: BM004621.D

Acq: 16 Mar 2016 05:48

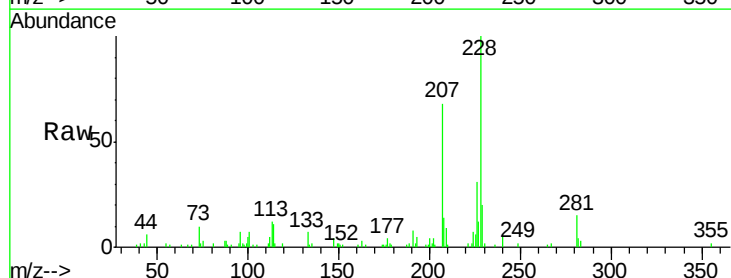
Tgt Ion:228 Resp: 44954

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

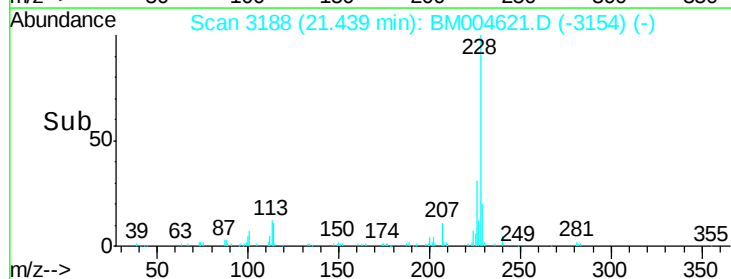
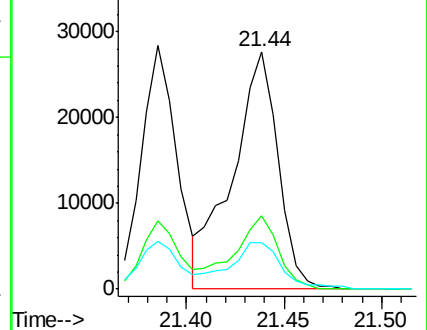
229 19.8 15.6 23.4

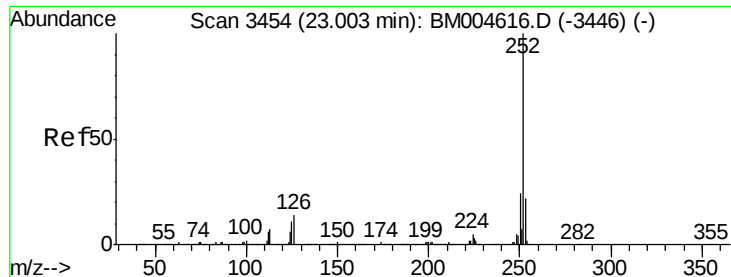


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.87 ng/ul

RT: 23.01 min Scan# 3455

Delta R.T. 0.01 min

Lab File: BM004621.D

Acq: 16 Mar 2016 05:48

Instrument :

BNA_M

ClientSampleId :

BC9Y1

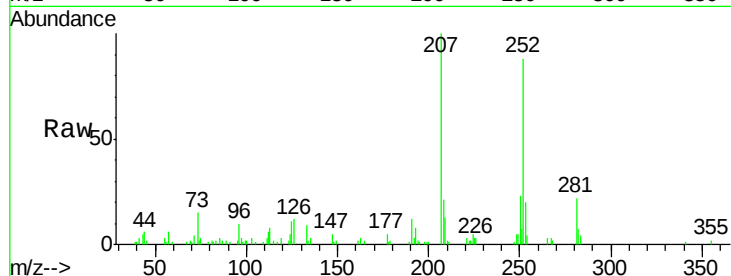
Tot Ion:252 Resp: 64362

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

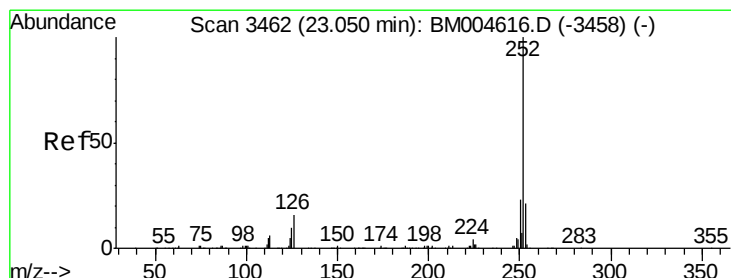
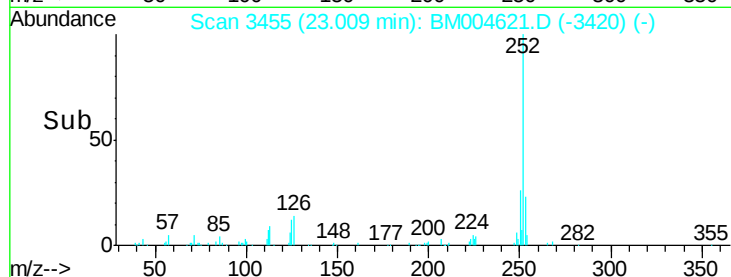
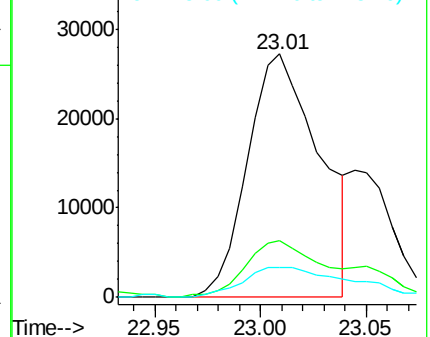
125 12.4 8.5 12.7



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



#89

Benzo(k)fluoranthene

Concen: 3.01 ng/ul

RT: 23.01 min Scan# 3455

Delta R.T. -0.04 min

Lab File: BM004621.D

Acq: 16 Mar 2016 05:48

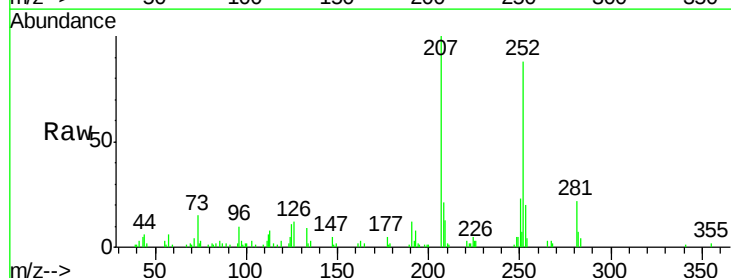
Tgt Ion:252 Resp: 64362

Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

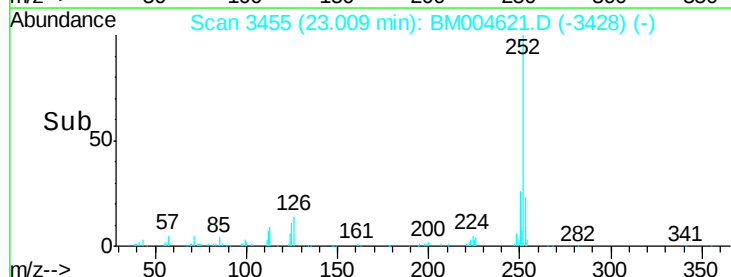
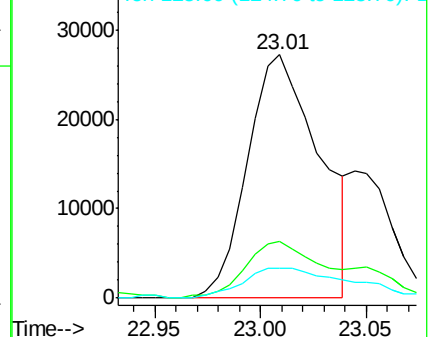
125 12.4 8.2 12.2#

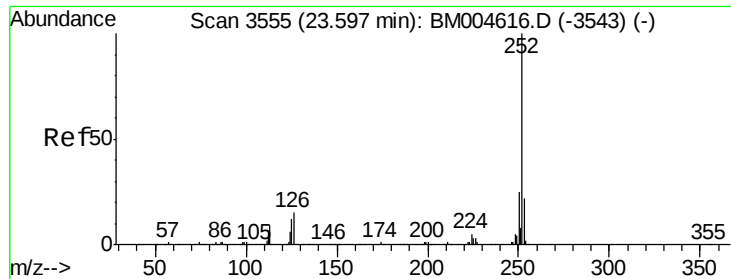


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

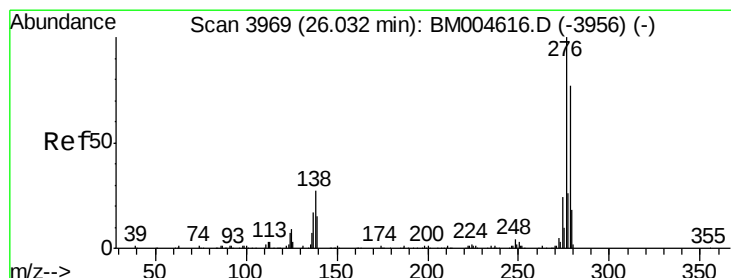
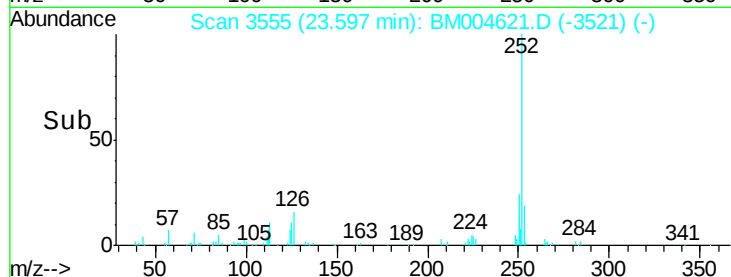
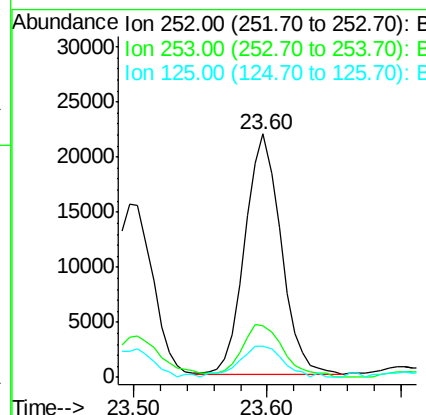
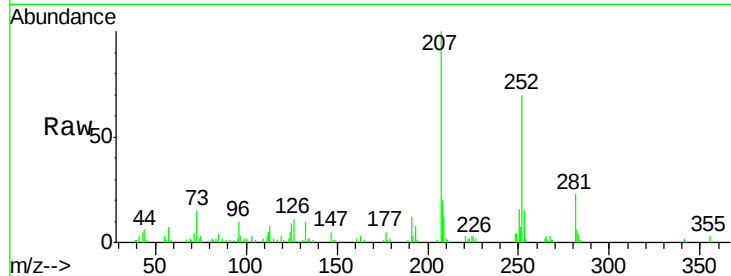




#91
Benzo(a)pyrene
Concen: 1.89 ng/ul
RT: 23.60 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BM004621.D
Acq: 16 Mar 2016 05:48

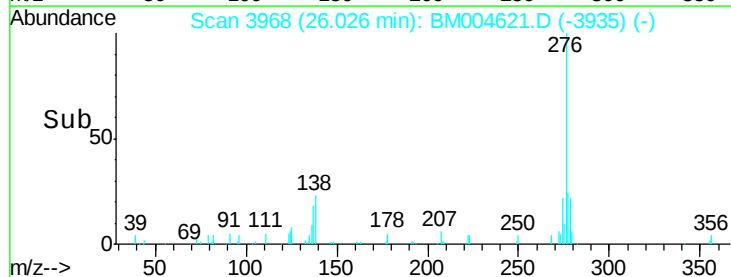
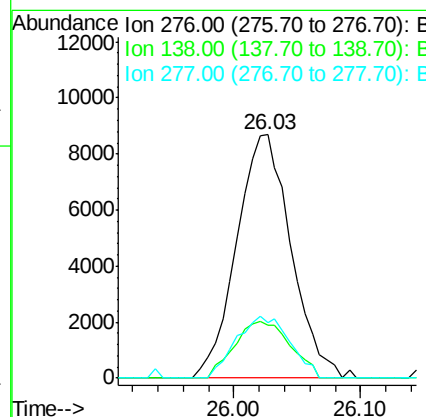
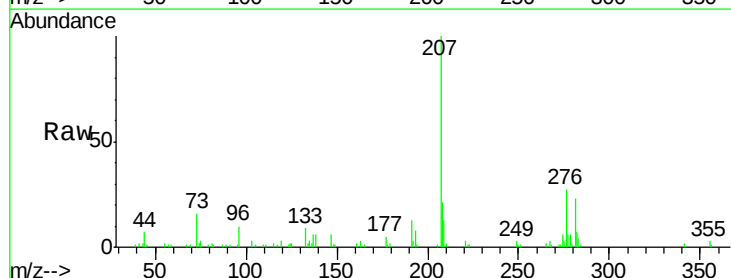
Instrument :
BNA_M
ClientSampled :
BC9Y1

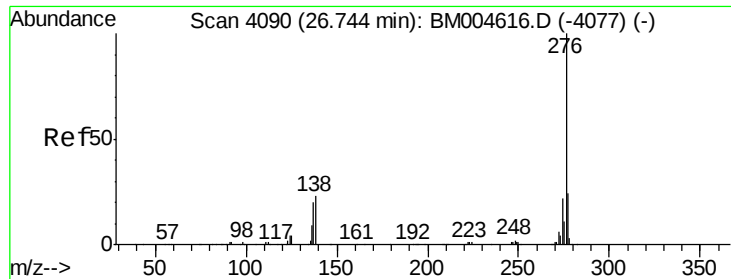
Tot Ion:252 Resp: 40587
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 12.9 9.0 13.6



#92
Indeno(1,2,3-cd)pyrene
Concen: 1.07 ng/ul
RT: 26.03 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM004621.D
Acq: 16 Mar 2016 05:48

Tgt Ion:276 Resp: 25809
Ion Ratio Lower Upper
276 100
138 21.7 22.3 33.5#
277 22.8 20.2 30.2





#94

Benzo(a,h,i)perylene

Concen: 1.13 ng/ul

RT: 26.74 min Scan# 4089

Delta R.T. -0.01 min

Lab File: BM004621.D

Acq: 16 Mar 2016 05:48

Instrument :

BNA_M

ClientSampleId :

BC9Y1

Tot Ion:276 Resp: 23184

Ion Ratio Lower Upper

276 100

138 25.1 18.9 28.3

277 26.1 19.2 28.8

