

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031516\
 Data File : BM004622.D
 Acq On : 16 Mar 2016 06:24
 Operator : UM/SJ
 Sample : H1779-09 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCA07

Quant Time: Mar 16 07:30:10 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	69079	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	304893	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	182438	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	434255	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	497241	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	485068	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.33	96	929	0.46	ng/uL	0.00
5) Phenol-d5	7.00	99	15420	2.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	10315	3.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	12947	2.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	11454	2.50	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	4762	2.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	4594	2.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	11444	2.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	15590	2.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	40922	2.87	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	47665	2.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	2455	0.89	ng/ul	0.00
58) Fluorene-d10	15.47	176	41866	3.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	1938	0.85	ng/ul	0.00
71) Anthracene-d10	17.22	188	434255	21.72	ng/ul	-0.10
79) Pyrene-d10	19.61	212	77600	3.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	81823	3.78	ng/ul	0.00

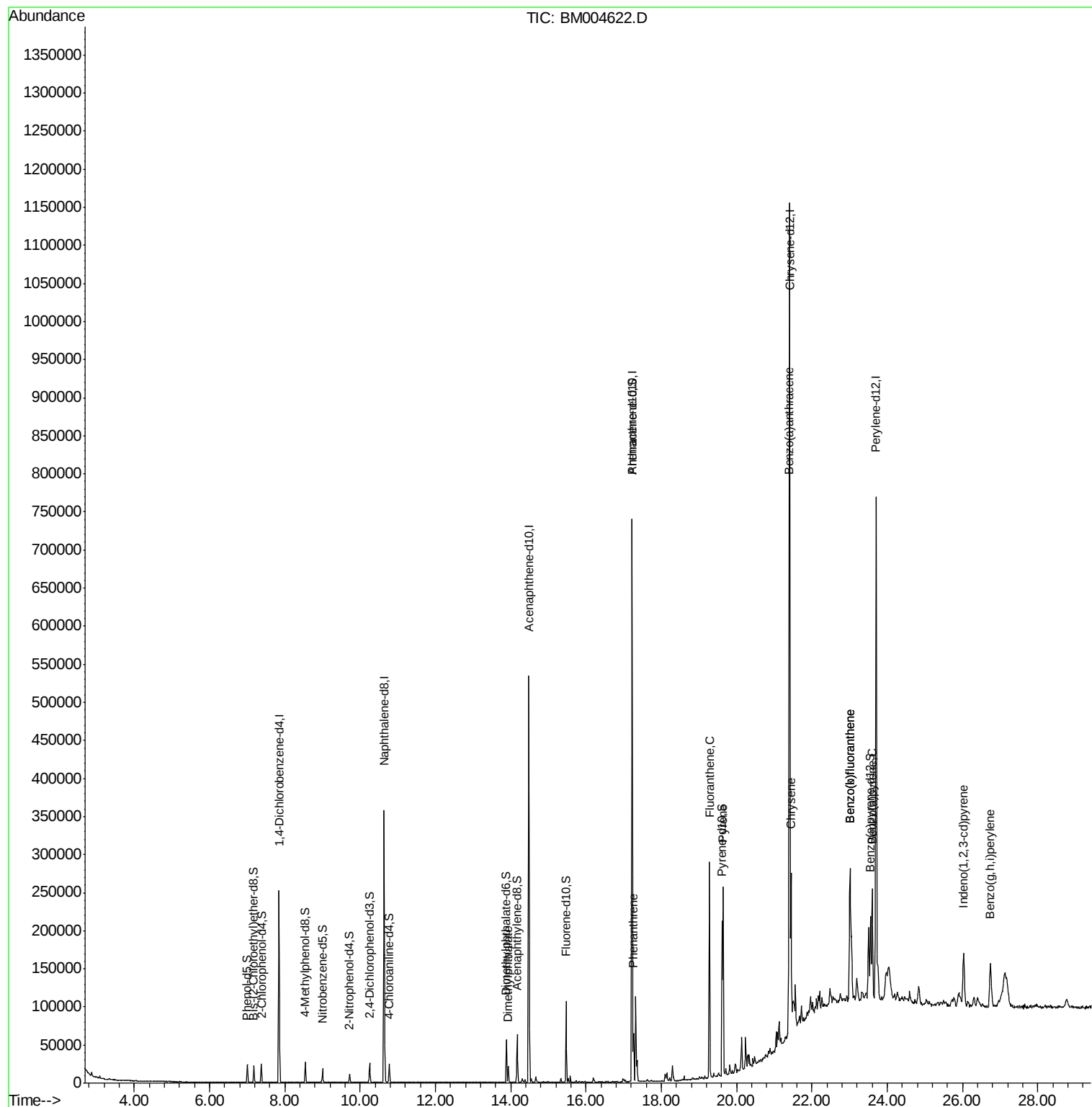
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.93	163	15001	1.04	ng/ul	99
70) Phenanthrene	17.26	178	55658	2.24	ng/ul	98
77) Fluoranthene	19.27	202	167039	6.10	ng/ul	97
80) Pyrene	19.64	202	157528	5.23	ng/ul	98
83) Benzo(a)anthracene	21.39	228	100069	3.45	ng/ul	100
85) Chrysene	21.44	228	97409	3.51	ng/ul	98
88) Benzo(b)fluoranthene	23.01	252	153814	5.32	ng/ul	98
89) Benzo(k)fluoranthene	23.01	252	153814	5.59	ng/ul	97
91) Benzo(a)pyrene	23.60	252	103457	3.73	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.02	276	68755	2.21	ng/ul	95
94) Benzo(g,h,i)perylene	26.74	276	70856	2.68	ng/ul	100

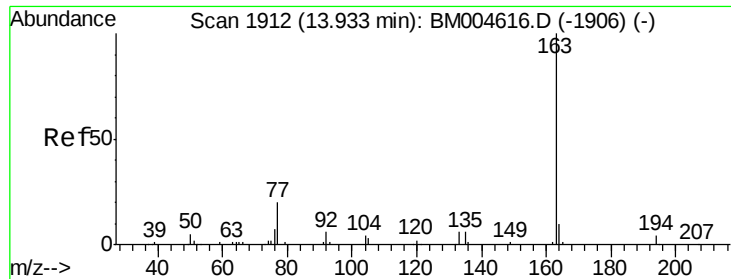
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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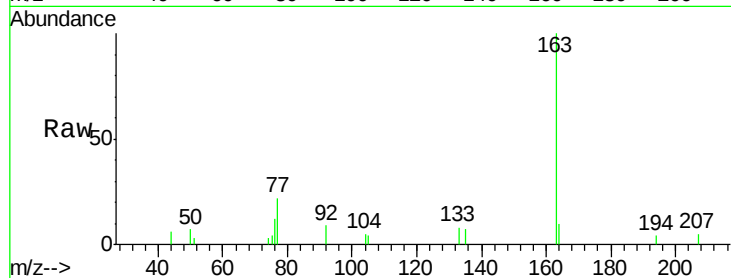




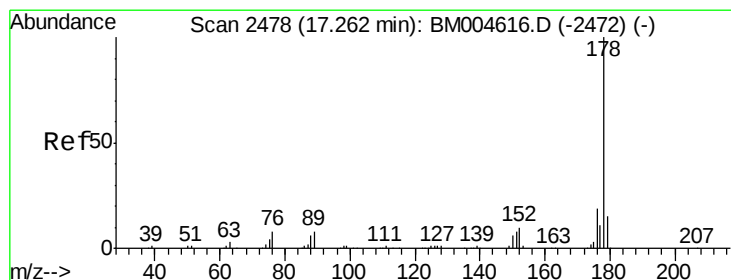
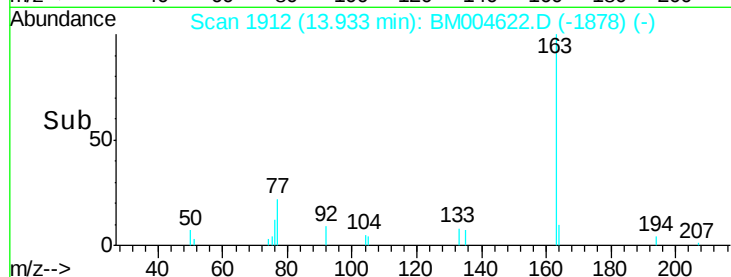
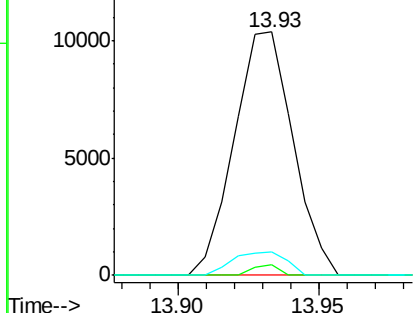
#45
Dimethylphthalate
Concen: 1.04 ng/ul
RT: 13.93 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM004622.D
Acq: 16 Mar 2016 06:24

Instrument :
BNA_M
ClientSampleID :
BCA07

Tot Ion:163 Resp: 15001
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.6 7.8 11.8

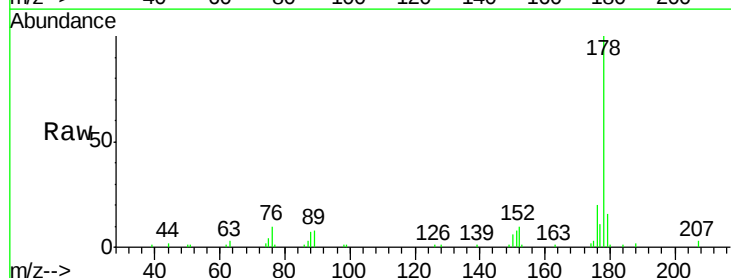


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

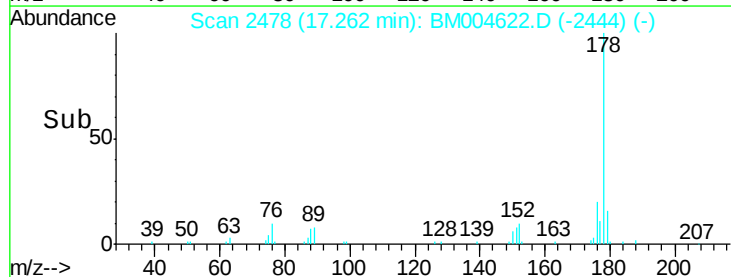
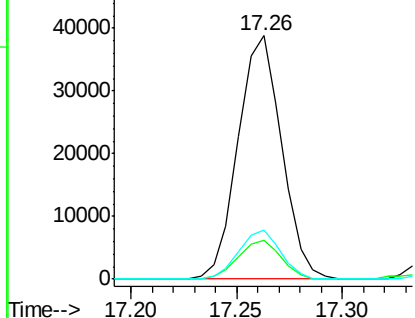


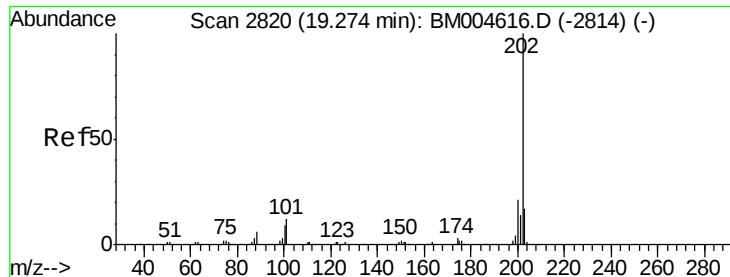
#70
Phenanthrene
Concen: 2.24 ng/ul
RT: 17.26 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM004622.D
Acq: 16 Mar 2016 06:24

Tgt Ion:178 Resp: 55658
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 20.4 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: 6.10 ng/ul

RT: 19.27 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BM004622.D

Acq: 16 Mar 2016 06:24

Instrument :

BNA_M

ClientSampleId :

BCA07

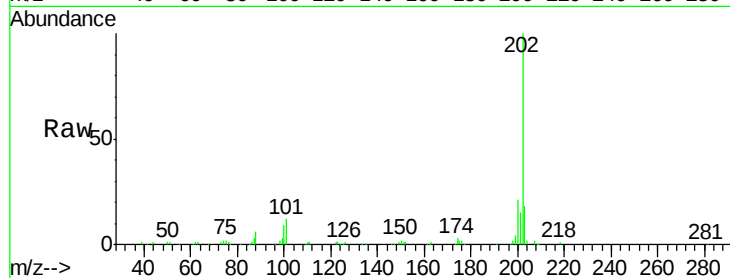
Tot Ion:202 Resp: 167039

Ion Ratio Lower Upper

202 100

101 12.0 8.8 13.2

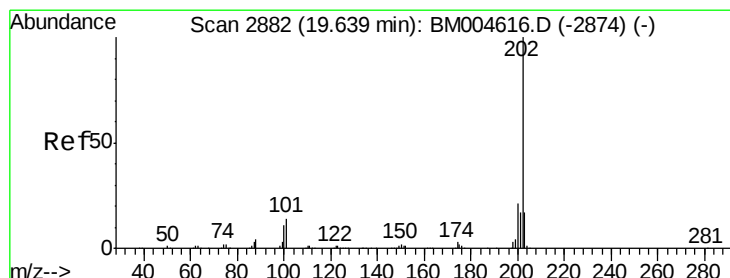
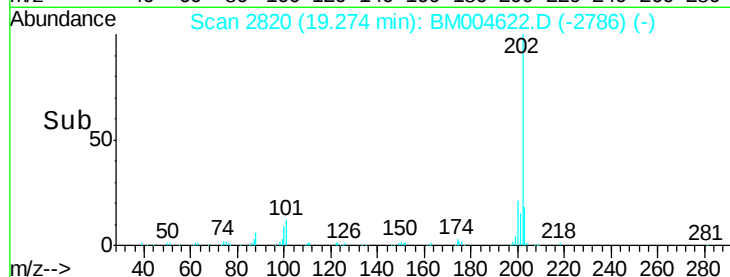
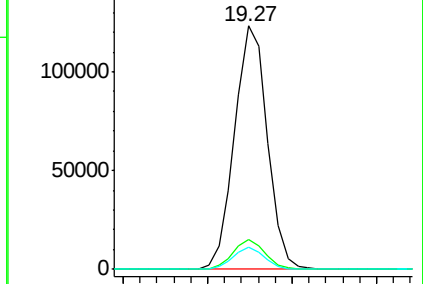
100 9.4 6.6 9.8



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



#80

Pyrene

Concen: 5.23 ng/ul

RT: 19.64 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BM004622.D

Acq: 16 Mar 2016 06:24

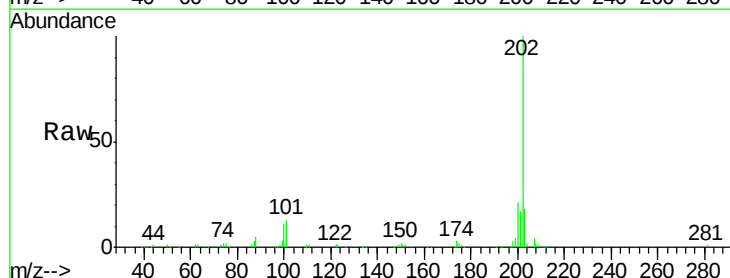
Tgt Ion:202 Resp: 157528

Ion Ratio Lower Upper

202 100

101 13.5 10.2 15.2

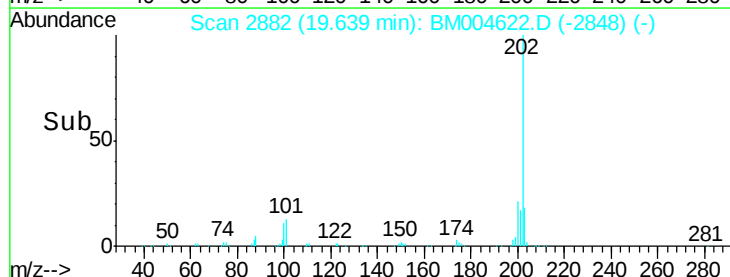
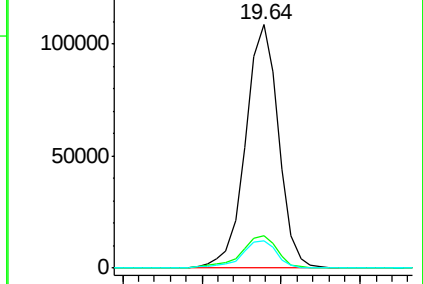
100 11.0 8.5 12.7

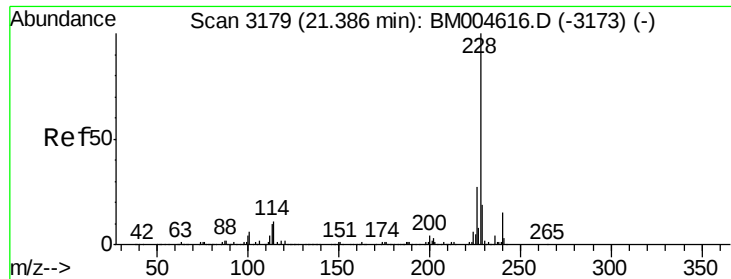


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

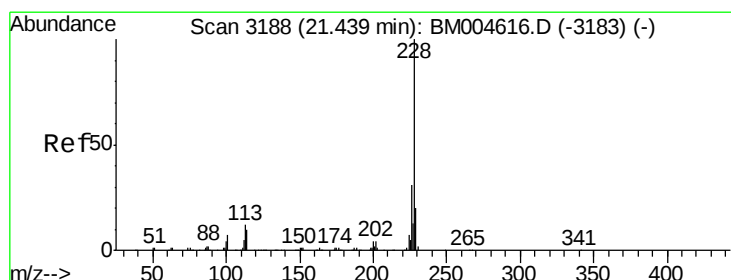
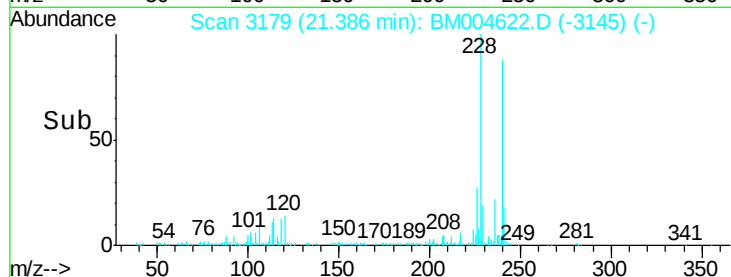
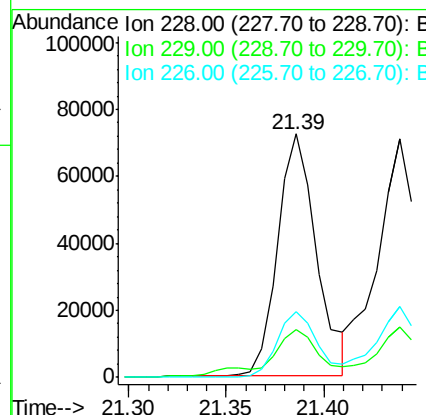
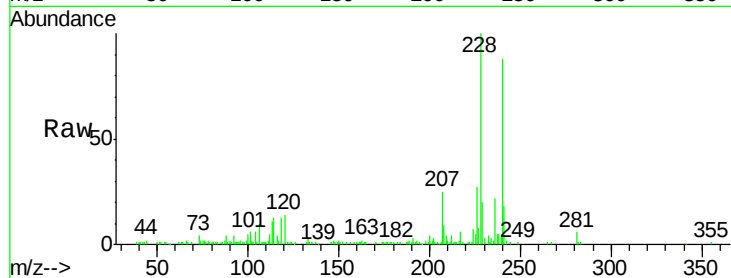




#83
Benzo(a)anthracene
Concen: 3.45 ng/ul
RT: 21.39 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BM004622.D
Acq: 16 Mar 2016 06:24

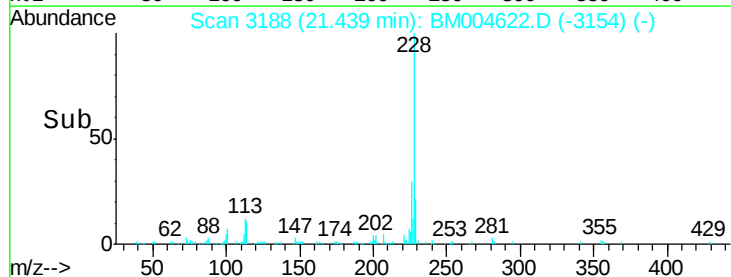
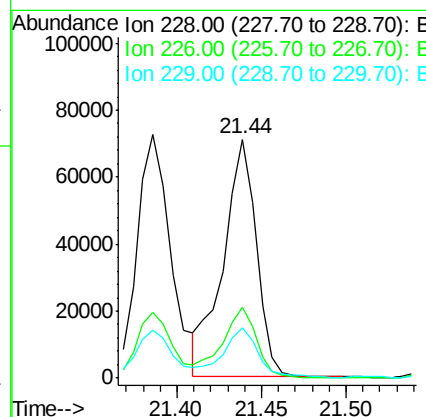
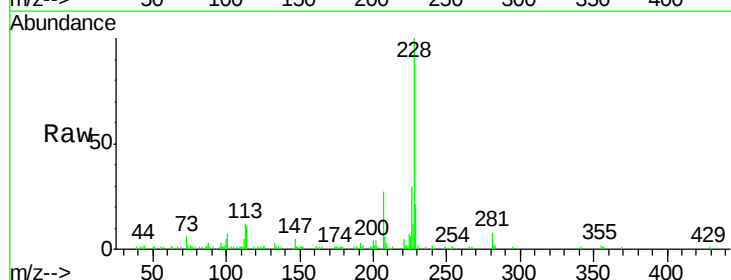
Instrument :
BNA_M
ClientSampleId :
BCA07

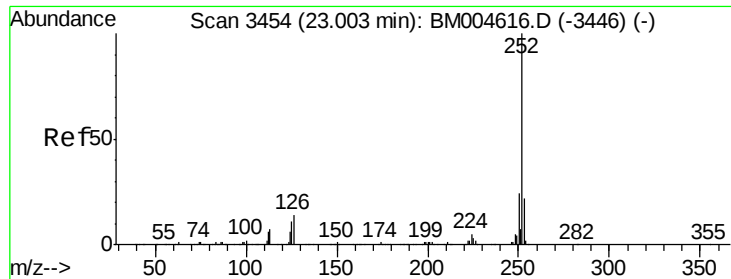
Tot Ion:228 Resp: 100069
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.2 21.8 32.6



#85
Chrysene
Concen: 3.51 ng/ul
RT: 21.44 min Scan# 3188
Delta R.T. 0.00 min
Lab File: BM004622.D
Acq: 16 Mar 2016 06:24

Tgt Ion:228 Resp: 97409
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 21.0 15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 5.32 ng/ul

RT: 23.01 min Scan# 3455

Delta R.T. 0.01 min

Lab File: BM004622.D

Acq: 16 Mar 2016 06:24

Instrument :

BNA_M

ClientSampleId :

BCA07

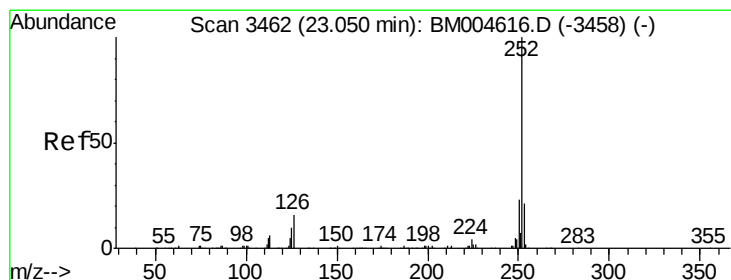
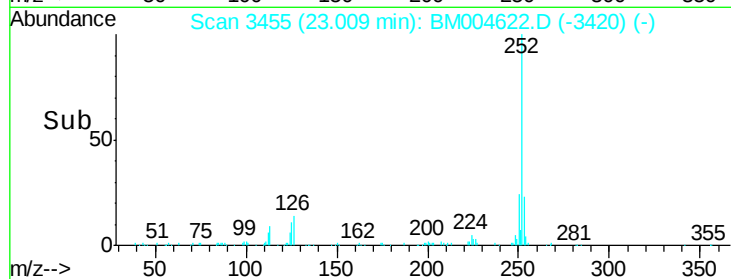
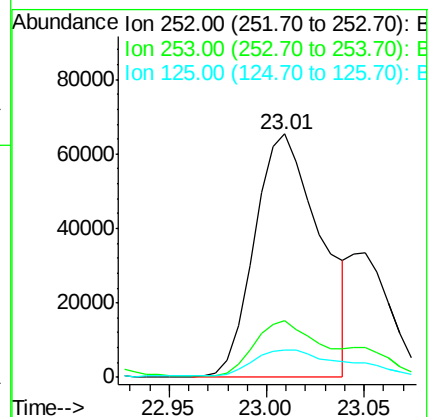
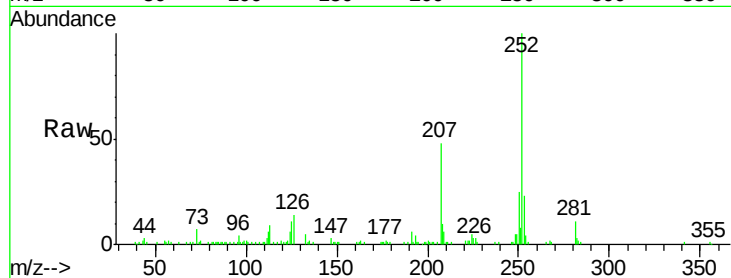
Tot Ion:252 Resp: 153814

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 11.4 8.5 12.7



#89

Benzo(k)fluoranthene

Concen: 5.59 ng/ul

RT: 23.01 min Scan# 3455

Delta R.T. -0.04 min

Lab File: BM004622.D

Acq: 16 Mar 2016 06:24

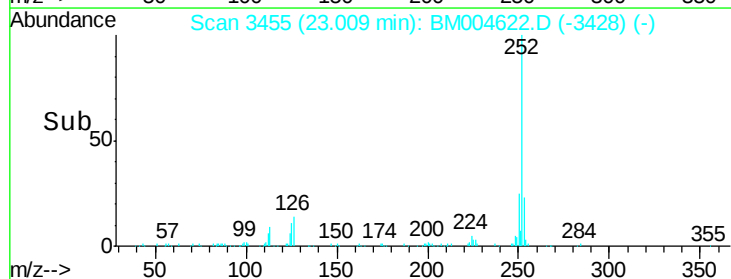
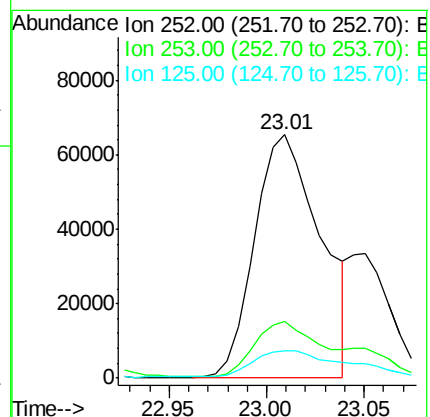
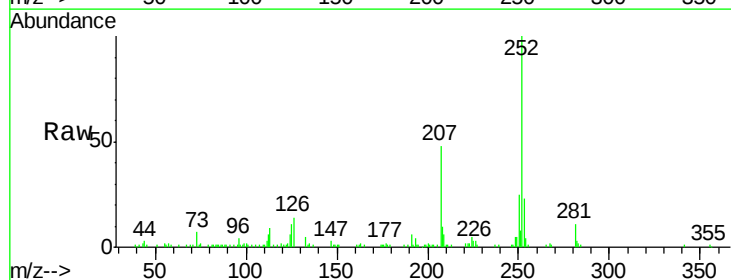
Tgt Ion:252 Resp: 153814

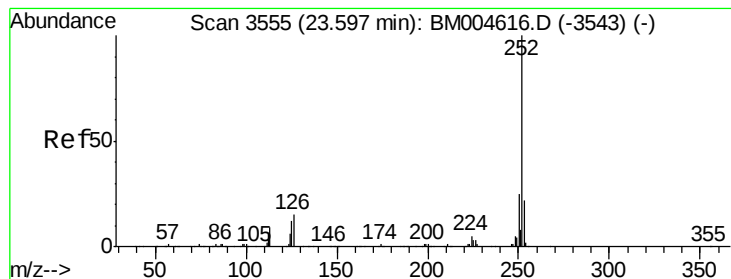
Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

125 11.4 8.2 12.2





#91

Benzo(a)pyrene

Concen: 3.73 ng/ul

RT: 23.60 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BM004622.D

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Instrument :

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ClientSampleId :

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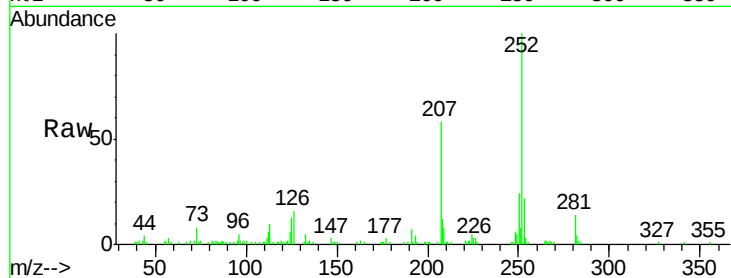
Tot Ion:252 Resp: 103457

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

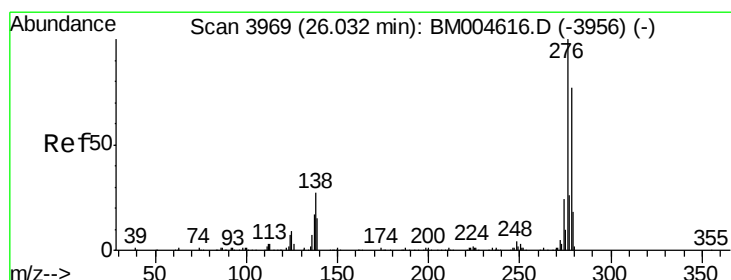
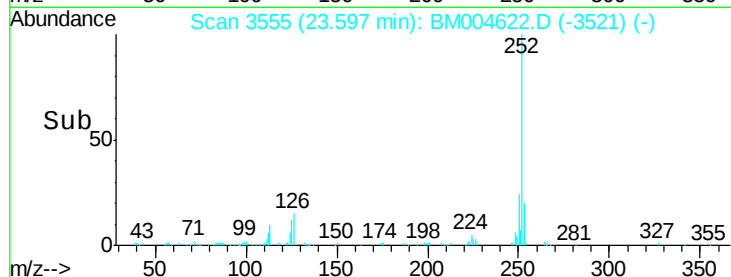
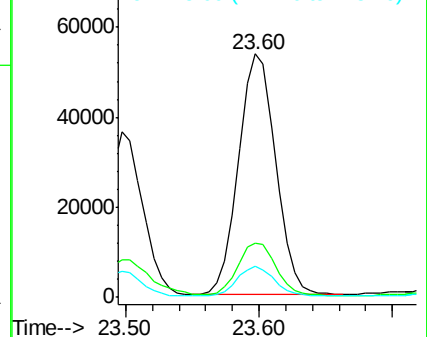
125 12.7 9.0 13.6



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.21 ng/ul

RT: 26.02 min Scan# 3967

Delta R.T. -0.01 min

Lab File: BM004622.D

Acq: 16 Mar 2016 06:24

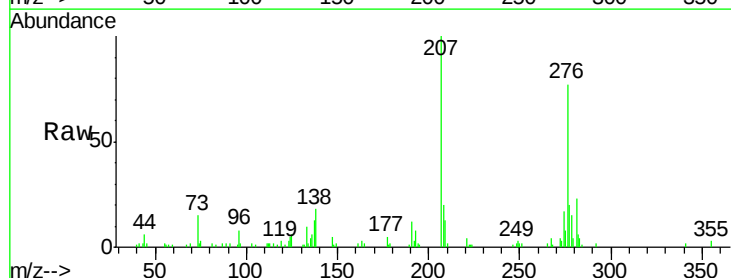
Tgt Ion:276 Resp: 68755

Ion Ratio Lower Upper

276 100

138 23.1 22.3 33.5

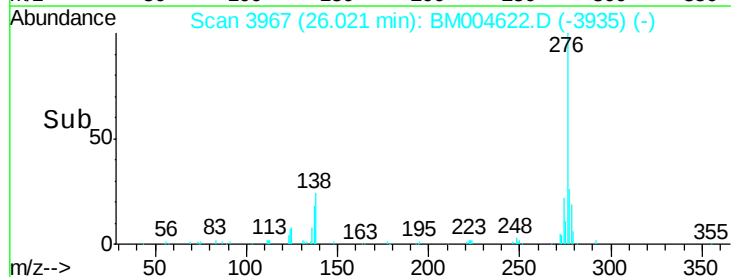
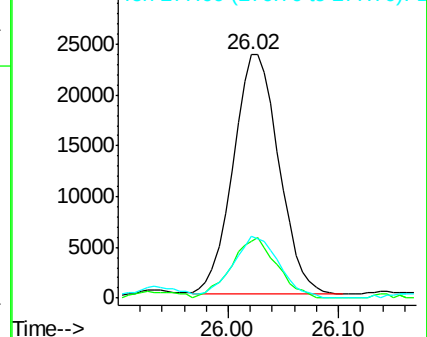
277 25.4 20.2 30.2

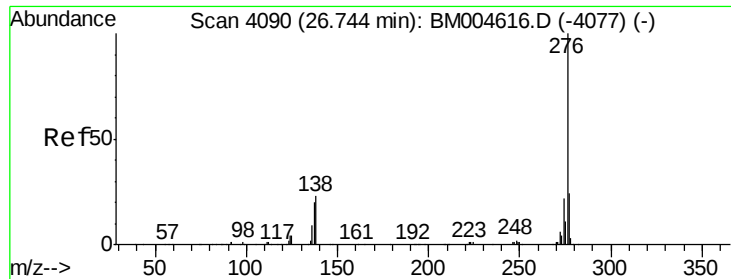


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.68 ng/ul

RT: 26.74 min Scan# 4090

Delta R.T. 0.00 min

Lab File: BM004622.D

Acq: 16 Mar 2016 06:24

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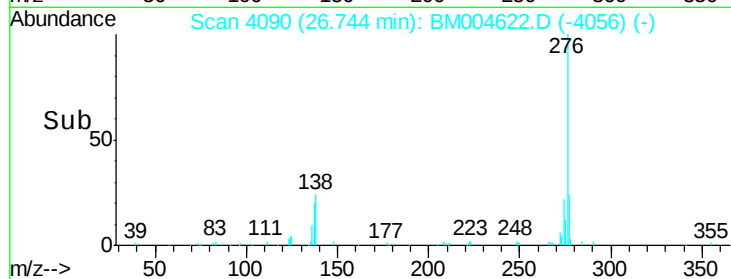
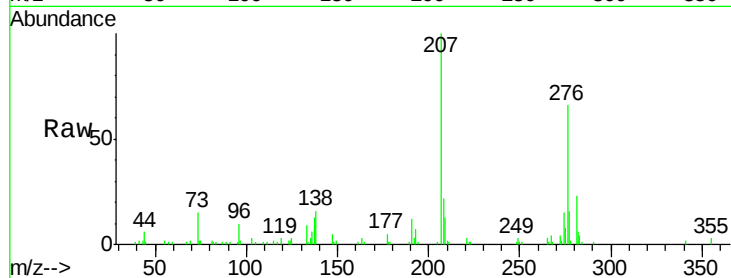
Tot Ion: 276 Resp: 70856

Ion Ratio Lower Upper

276 100

138 23.6 18.9 28.3

277 24.3 19.2 28.8



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

