

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
 Data File : BM003039.D
 Acq On : 01 Nov 2015 22:01
 Operator : UM/IZ
 Sample : G4210-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7F0

Quant Time: Nov 02 02:52:17 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	7.76	152	140563	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	594350	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	315015	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	653940	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	702617	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	699000	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	15894	5.33	ng/uL	0.00
5) Phenol-d5	6.92	99	314734	28.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	187361	28.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	275426	29.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	259733	28.99	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	126301	34.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	128774	35.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	247099	30.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	288276	27.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	753210	31.78	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	932613	31.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	99256	24.85	ng/ul	0.00
58) Fluorene-d10	15.40	176	640992	31.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	70576	23.30	ng/ul	0.00
71) Anthracene-d10	17.25	188	960887	33.14	ng/ul	0.00
79) Pyrene-d10	19.54	212	1044963	30.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	1134091	34.14	ng/ul	0.00

Target Compounds

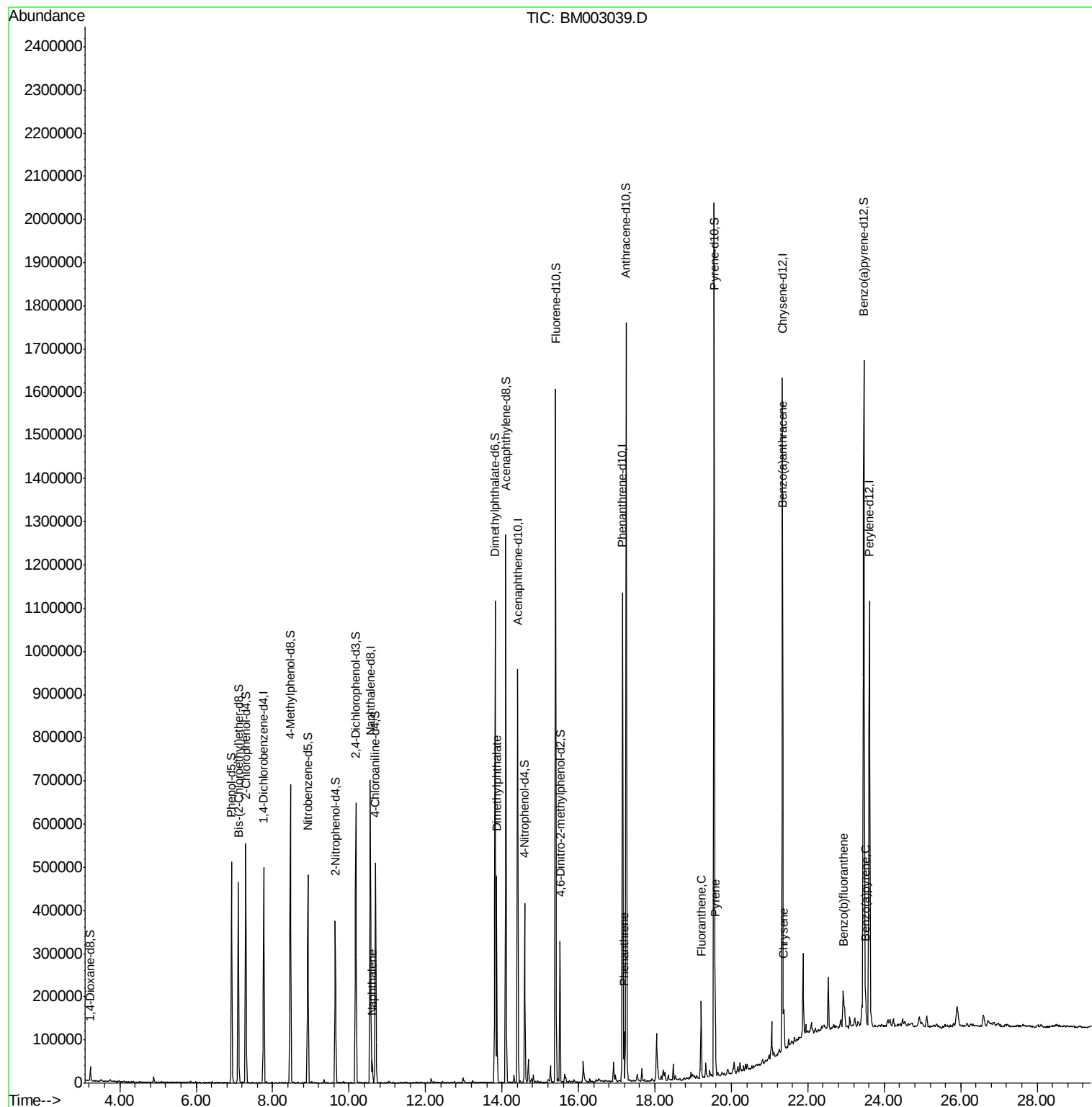
						Qvalue
28) Naphthalene	10.60	128	45059	1.51	ng/ul	98
45) Dimethylphthalate	13.86	163	308153	12.76	ng/ul	100
70) Phenanthrene	17.19	178	68896	1.86	ng/ul	99
77) Fluoranthene	19.21	202	97323	2.60	ng/ul	97
80) Pyrene	19.57	202	102359	2.23	ng/ul	96
83) Benzo(a)anthracene	21.33	228	57404	1.49	ng/ul	96
85) Chrysene	21.37	228	53805	1.41	ng/ul	96
88) Benzo(b)fluoranthene	22.93	252	69120	1.72	ng/ul	99
91) Benzo(a)pyrene	23.51	252	53704	1.41	ng/ul	97

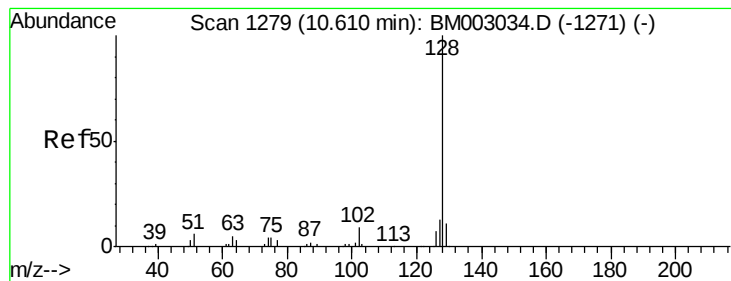
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 1.51 ng/ul

RT: 10.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM003039.D

Acq: 01 Nov 2015 22:01

Instrument :

BNA_M

ClientSampleId :

BC7F0

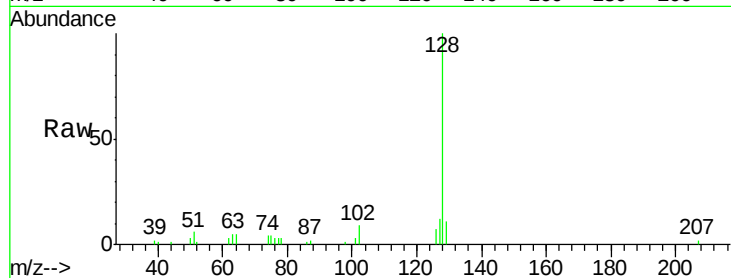
Tgt Ion:128 Resp: 45059

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

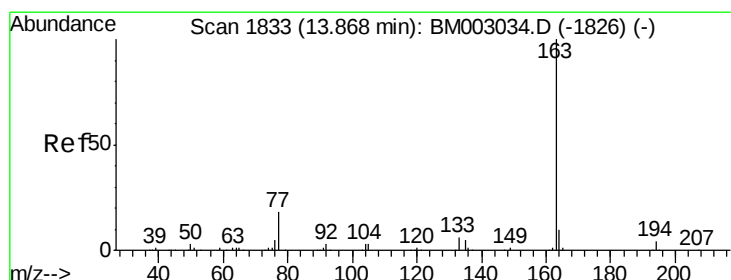
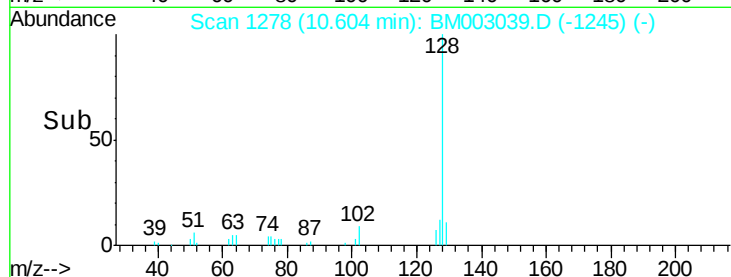
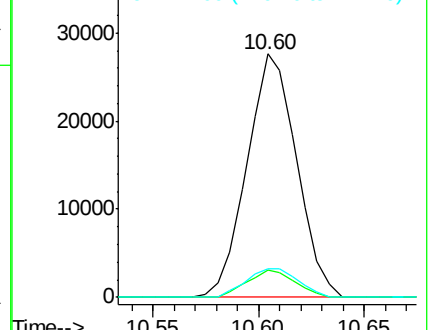
127 11.6 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#45

Dimethylphthalate

Concen: 12.76 ng/ul

RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM003039.D

Acq: 01 Nov 2015 22:01

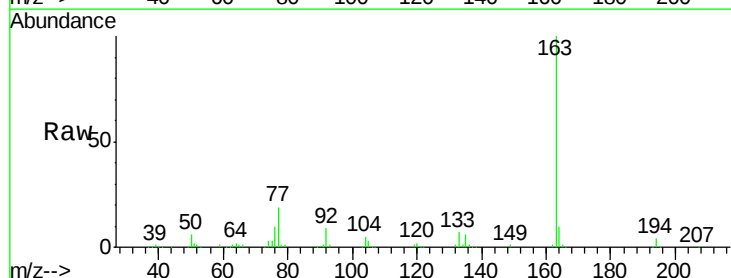
Tgt Ion:163 Resp: 308153

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

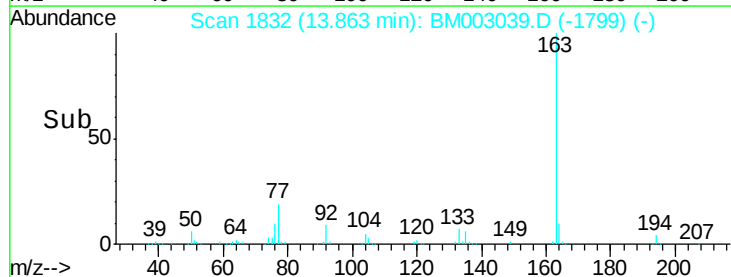
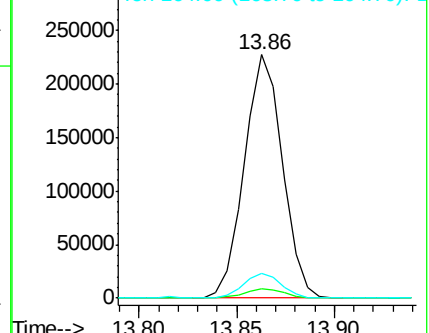
164 10.0 7.8 11.8

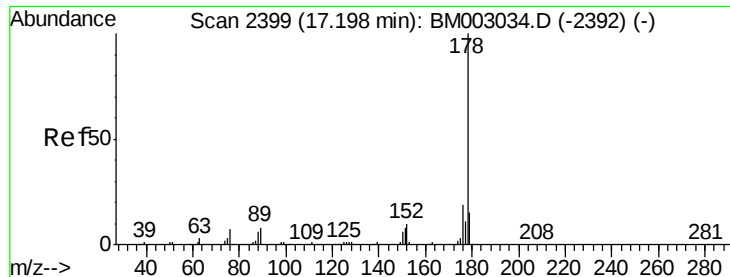


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

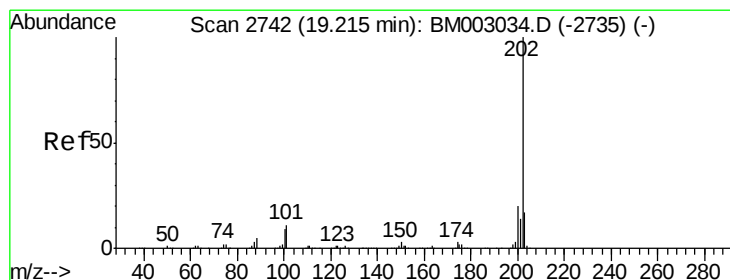
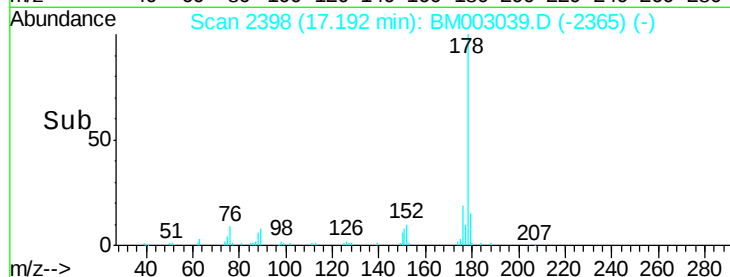
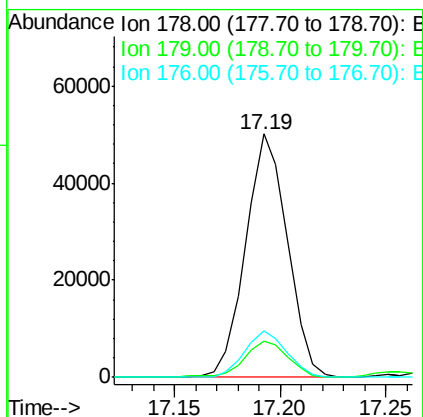
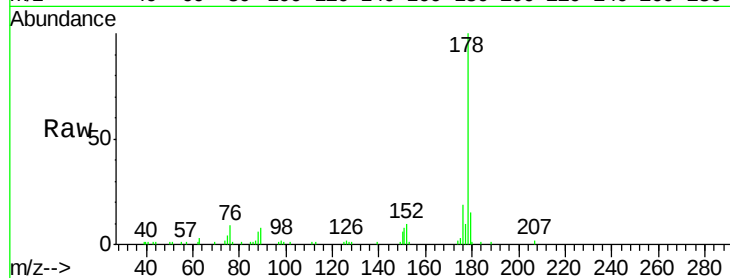




#70
Phenanthrene
Concen: 1.86 ng/ul
RT: 17.19 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM003039.D
Acq: 01 Nov 2015 22:01

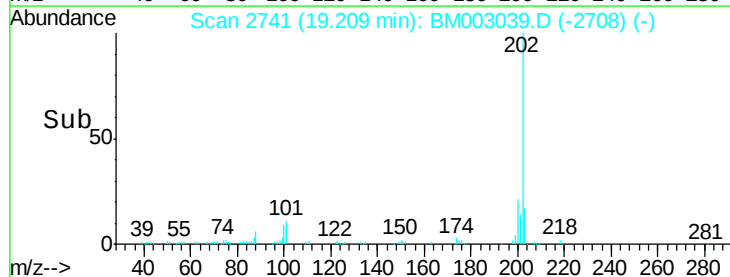
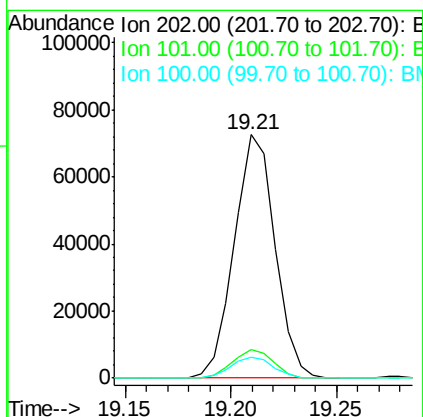
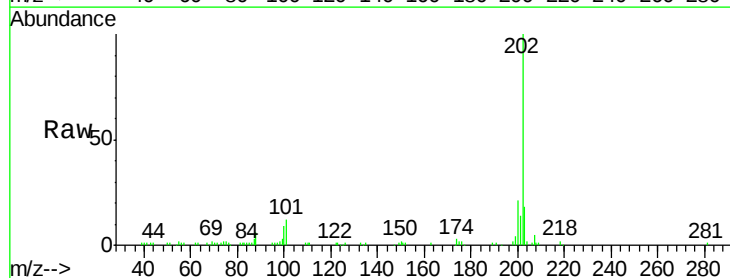
Instrument :
BNA_M
ClientSampleId :
BC7F0

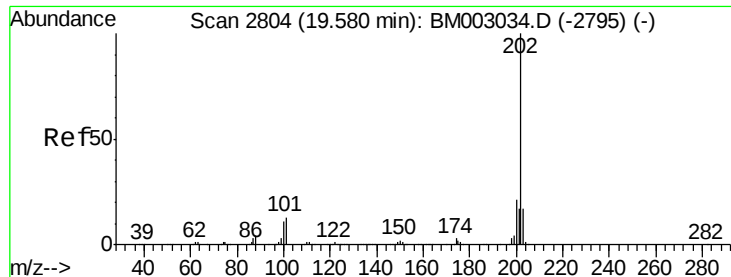
Tgt Ion:178 Resp: 68896
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.4
176 19.2 14.7 22.1



#77
Fluoranthene
Concen: 2.60 ng/ul
RT: 19.21 min Scan# 2741
Delta R.T. -0.01 min
Lab File: BM003039.D
Acq: 01 Nov 2015 22:01

Tgt Ion:202 Resp: 97323
Ion Ratio Lower Upper
202 100
101 11.5 10.4 15.6
100 8.6 7.8 11.6

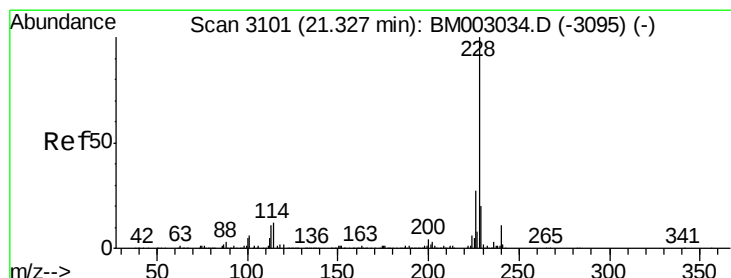
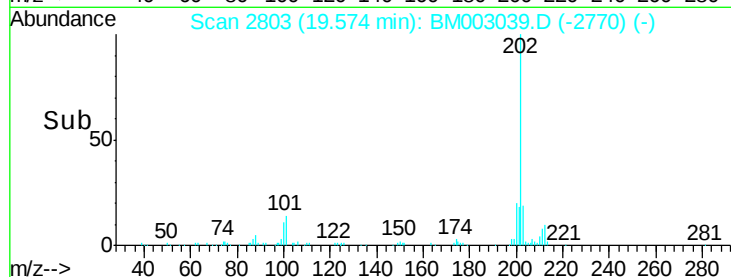
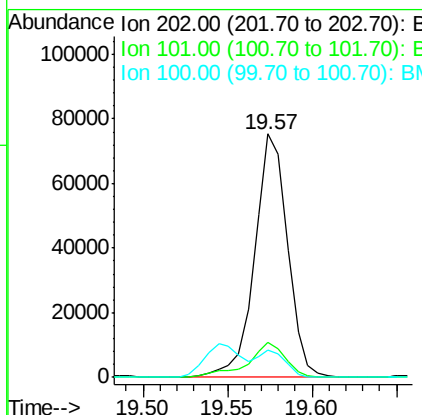
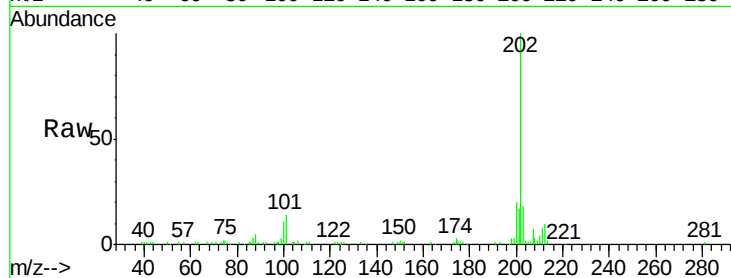




#80
Pyrene
Concen: 2.23 ng/ul
RT: 19.57 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM003039.D
Acq: 01 Nov 2015 22:01

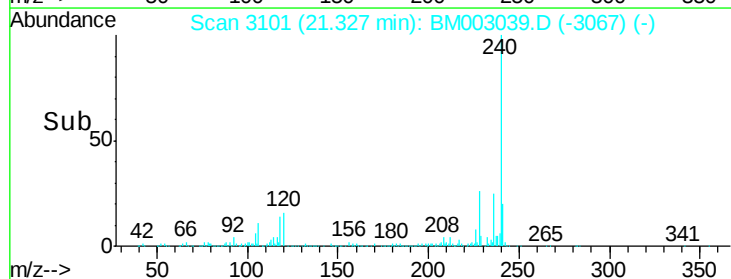
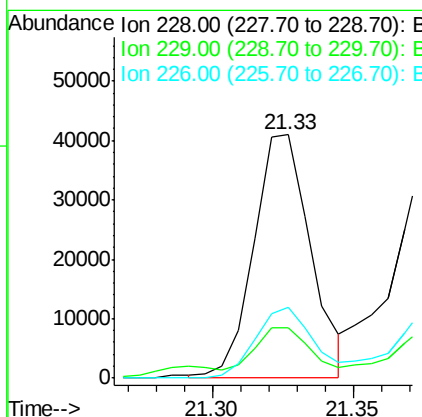
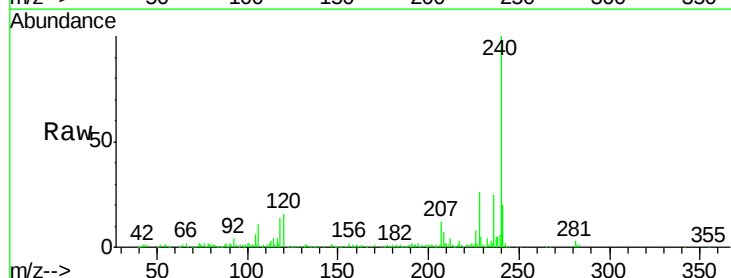
Instrument :
BNA_M
ClientSampleId :
BC7F0

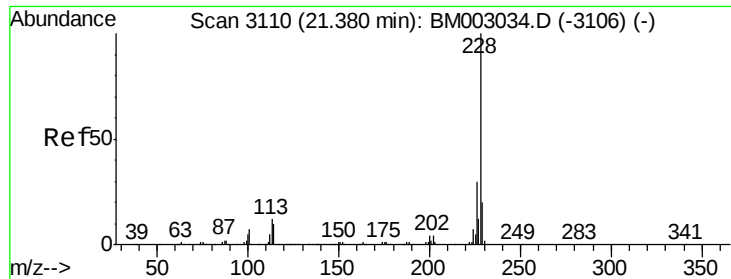
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	12.6	18.8
100	11.2	10.6	15.8



#83
Benzo(a)anthracene
Concen: 1.49 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM003039.D
Acq: 01 Nov 2015 22:01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	29.0	21.0	31.6





#85

Chrysene

Concen: 1.41 ng/ul

RT: 21.37 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM003039.D

Acq: 01 Nov 2015 22:01

Instrument :

BNA_M

ClientSampleId :

BC7F0

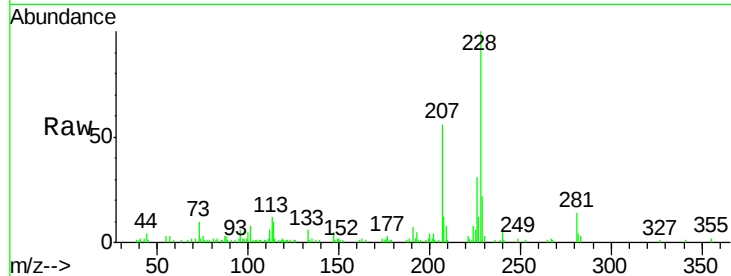
Tgt Ion: 228 Resp: 53805

Ion Ratio Lower Upper

228 100

226 31.0 23.3 34.9

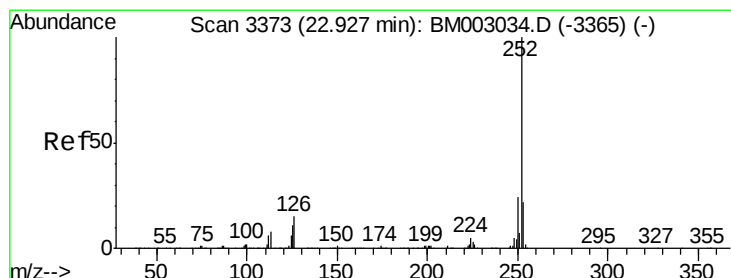
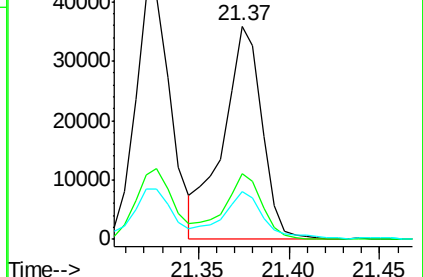
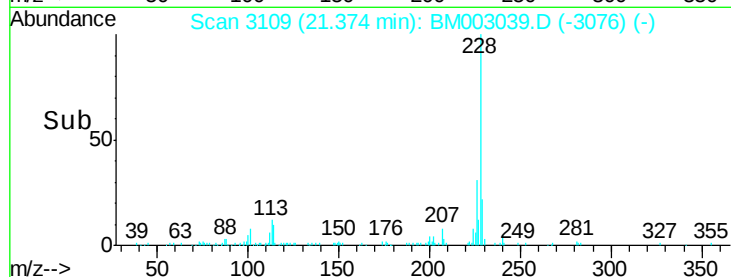
229 22.4 15.8 23.6



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: 1.72 ng/ul

RT: 22.93 min Scan# 3373

Delta R.T. 0.00 min

Lab File: BM003039.D

Acq: 01 Nov 2015 22:01

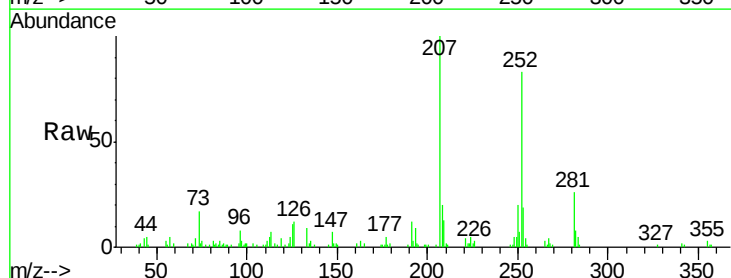
Tgt Ion: 252 Resp: 69120

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

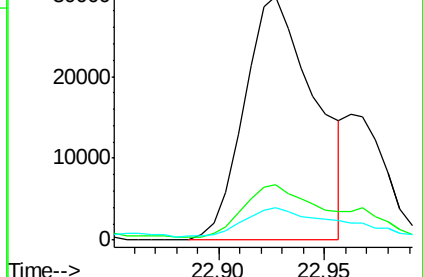
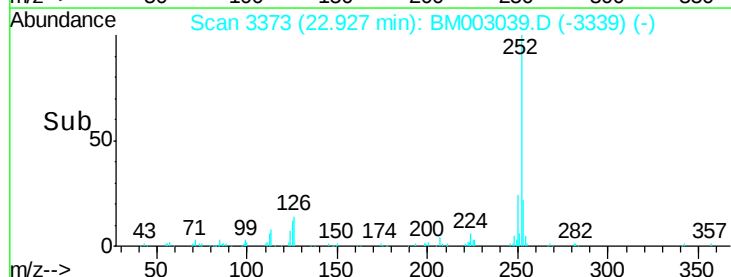
125 13.3 10.7 16.1

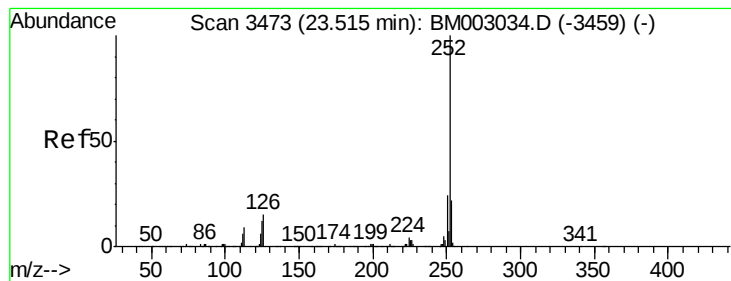


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.41 ng/ul

RT: 23.51 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BM003039.D

Acq: 01 Nov 2015 22:01

Instrument :

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ClientSampleId :

BC7F0

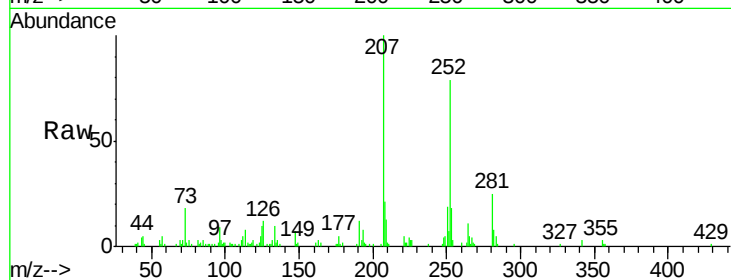
Tgt Ion: 252 Resp: 53704

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

125 13.2 11.9 17.9



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

