

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050916\
 Data File : BM005355.D
 Acq On : 09 May 2016 11:58
 Operator : UM/SJ
 Sample : H2888-05 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WW2

Quant Time: May 10 04:24:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 04:23:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	74720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	363645	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	226632	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	528779	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	584751	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	502579	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1031	0.65	ng/uL	0.00
5) Phenol-d5	6.95	99	25592	3.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	16503	4.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	20955	4.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	12348	2.20	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	9236	3.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	9673	3.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	20846	3.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	13229	2.01	ng/ul	0.02
43) Dimethylphthalate-d6	13.82	166	80417	4.43	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	97220	4.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	3367	1.02	ng/ul	0.02
57) Fluorene-d10	15.40	176	79685	5.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	5346	1.80	ng/ul	0.00
70) Anthracene-d10	17.26	188	120945	5.17	ng/ul	0.00
76) Pyrene-d10	19.56	212	145785	5.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	114796	5.16	ng/ul	0.00

Target Compounds

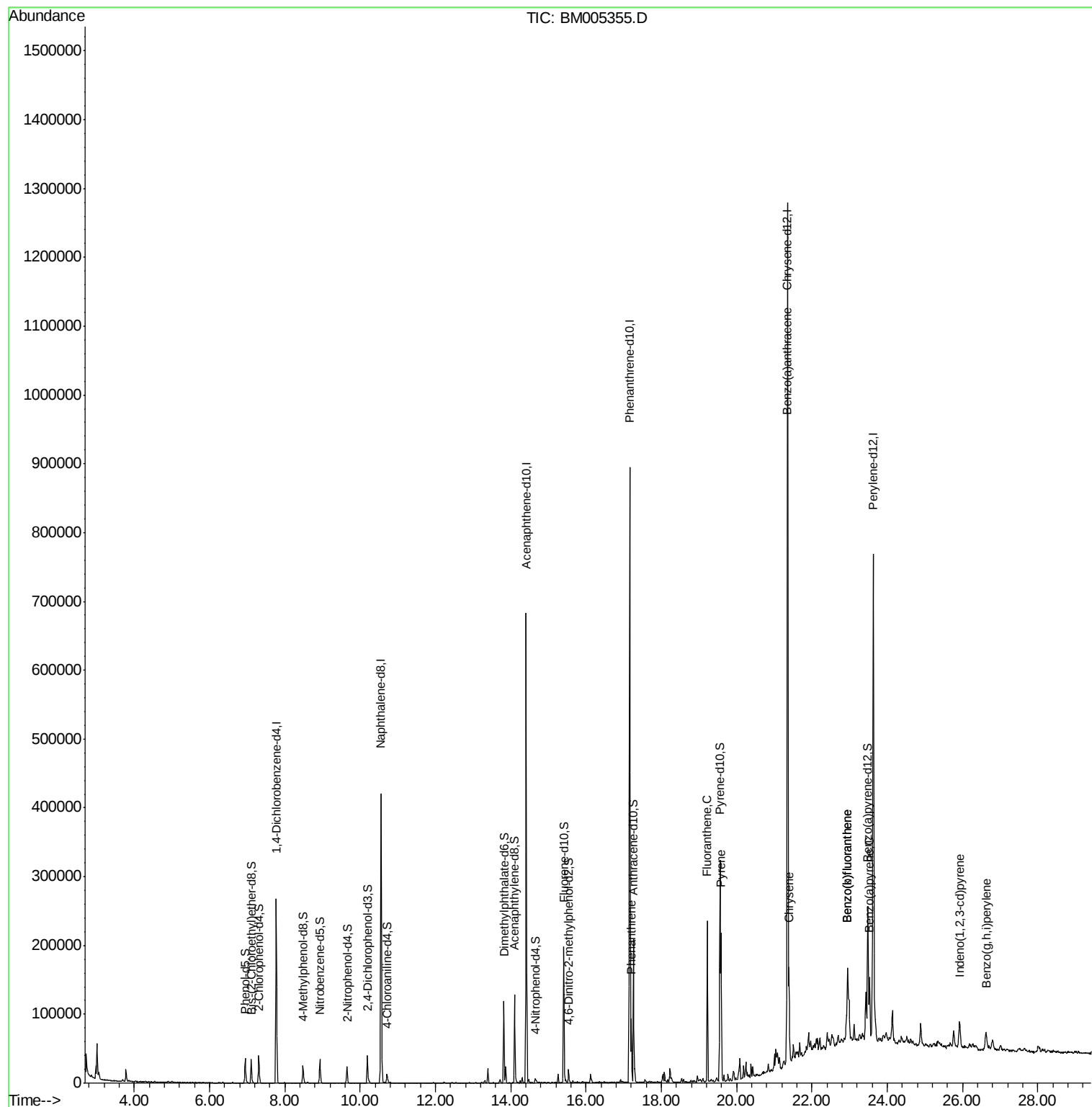
						Qvalue
69) Phenanthrene	17.20	178	55998	2.01	ng/ul	99
74) Fluoranthene	19.22	202	143639	4.66	ng/ul	96
77) Pyrene	19.59	202	138797	4.09	ng/ul	98
80) Benzo(a)anthracene	21.34	228	76874	2.29	ng/ul	98
82) Chrysene	21.39	228	76530	2.40	ng/ul	98
85) Benzo(b)fluoranthene	22.94	252	96026	3.27	ng/ul	97
86) Benzo(k)fluoranthene	22.94	252	96026	3.47	ng/ul	96
88) Benzo(a)pyrene	23.53	252	61845	2.23	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.91	276	37358	1.23	ng/ul	94
91) Benzo(g,h,i)perylene	26.62	276	32660	1.27	ng/ul	100

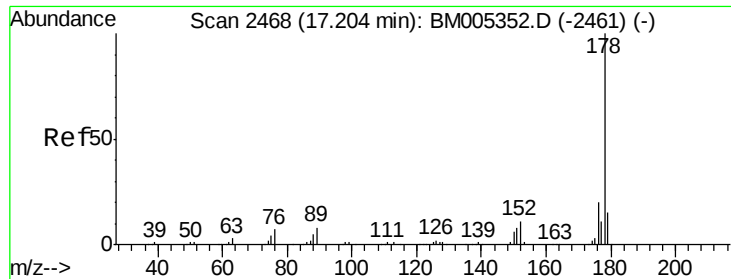
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

Phenanthrene

Concen: 2.01 ng/ul

RT: 17.20 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BM005355.D

Acq: 09 May 2016 11:58

Instrument :

BNA_M

ClientSampleId :

D9WW2

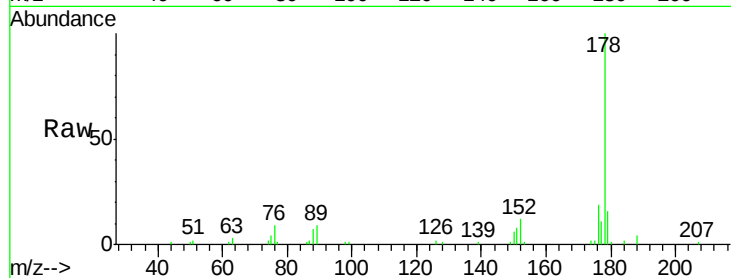
Tgt Ion:178 Resp: 55998

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

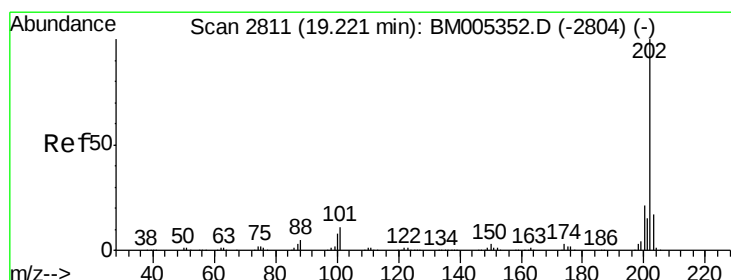
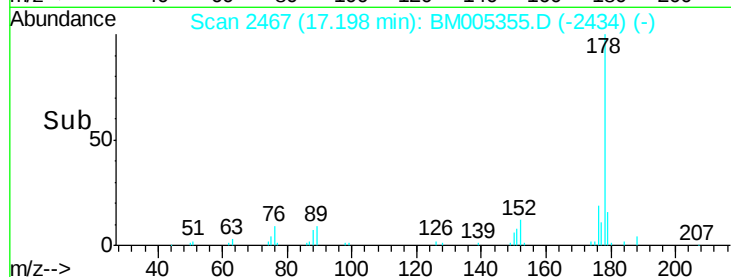
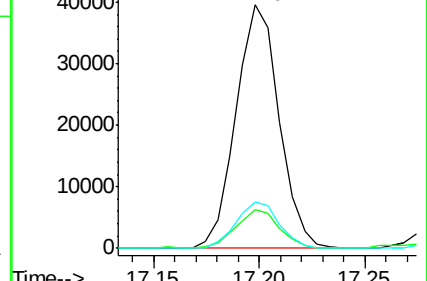
176 19.2 15.2 22.8



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



#74

Fluoranthene

Concen: 4.66 ng/ul

RT: 19.22 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BM005355.D

Acq: 09 May 2016 11:58

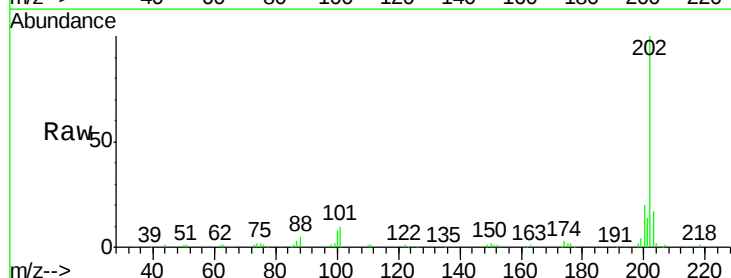
Tgt Ion:202 Resp: 143639

Ion Ratio Lower Upper

202 100

101 9.8 9.2 13.8

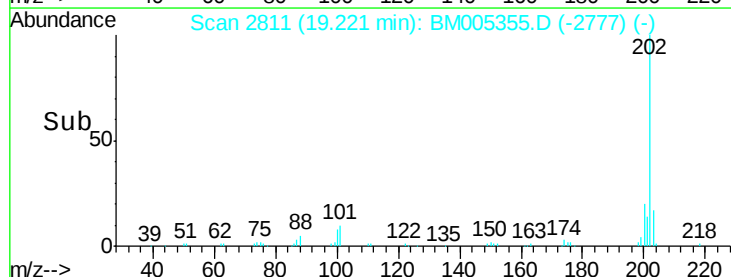
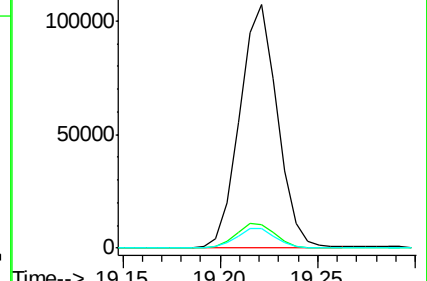
100 8.1 7.1 10.7

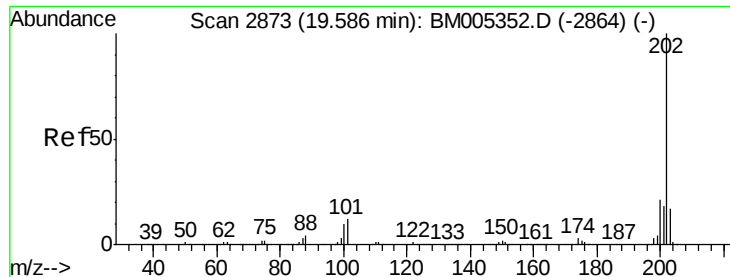


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 4.09 ng/ul

RT: 19.59 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BM005355.D

Acq: 09 May 2016 11:58

Instrument :

BNA_M

ClientSampleId :

D9WW2

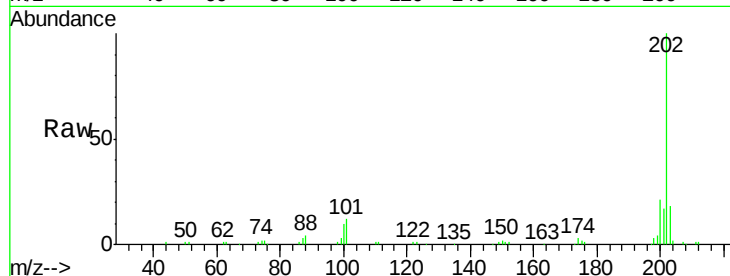
Tgt Ion:202 Resp: 138797

Ion Ratio Lower Upper

202 100

101 12.4 10.8 16.2

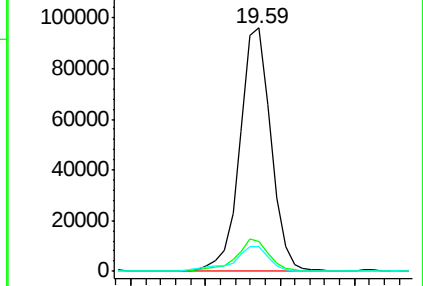
100 10.4 8.4 12.6



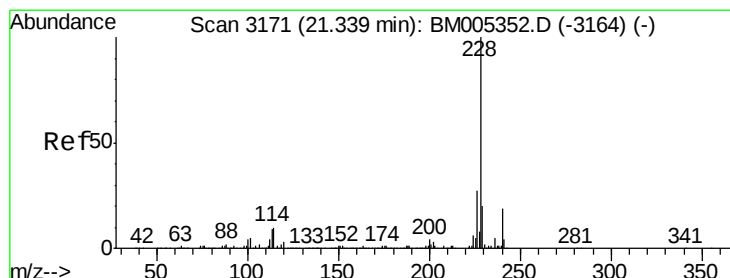
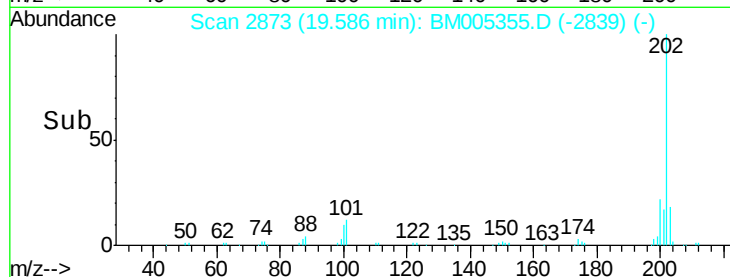
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#80

Benzo(a)anthracene

Concen: 2.29 ng/ul

RT: 21.34 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BM005355.D

Acq: 09 May 2016 11:58

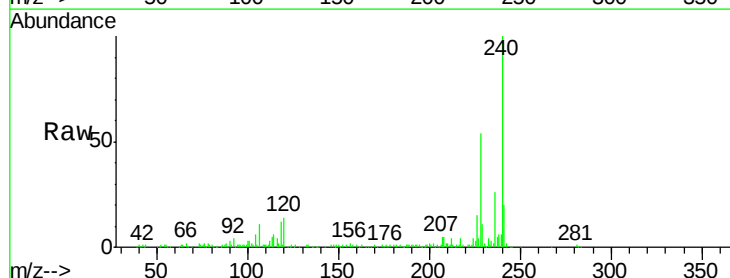
Tgt Ion:228 Resp: 76874

Ion Ratio Lower Upper

228 100

229 20.3 15.5 23.3

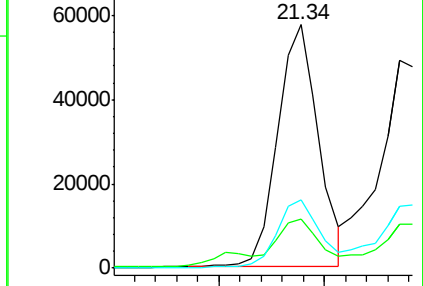
226 28.0 21.8 32.8



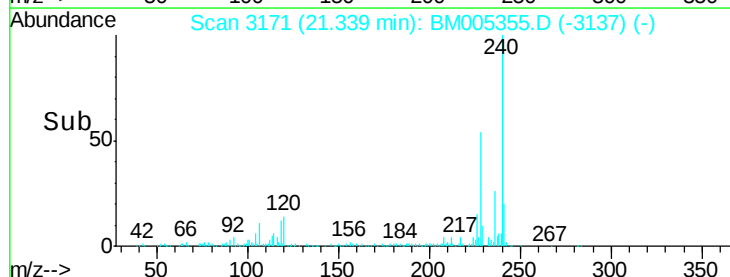
Abundance Ion 228.00 (227.70 to 228.70): E

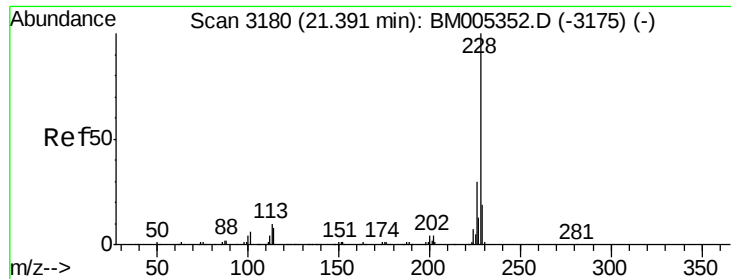
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->





#82

Chrysene

Concen: 2.40 ng/ul

RT: 21.39 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BM005355.D

Acq: 09 May 2016 11:58

Instrument :

BNA_M

ClientSampleId :

D9WW2

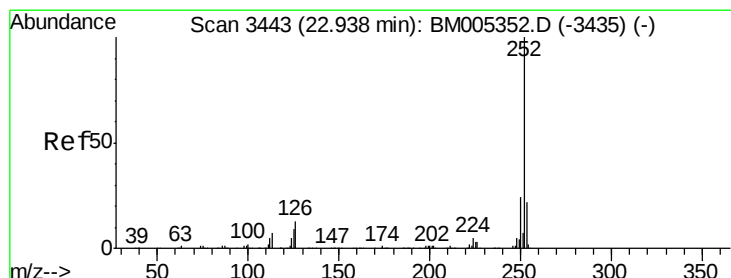
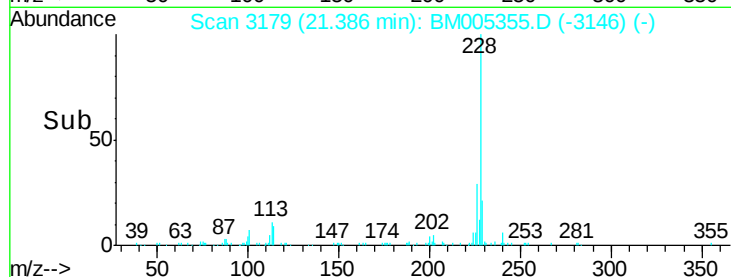
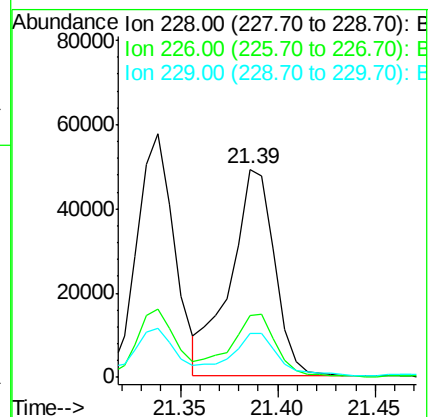
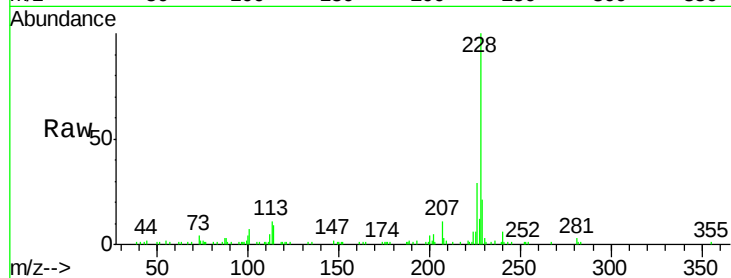
Tgt Ion:228 Resp: 76530

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

229 21.0 15.4 23.0



#85

Benzo(b)fluoranthene

Concen: 3.27 ng/ul

RT: 22.94 min Scan# 3444

Delta R.T. 0.01 min

Lab File: BM005355.D

Acq: 09 May 2016 11:58

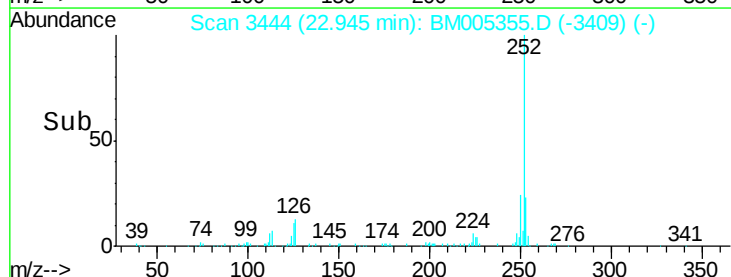
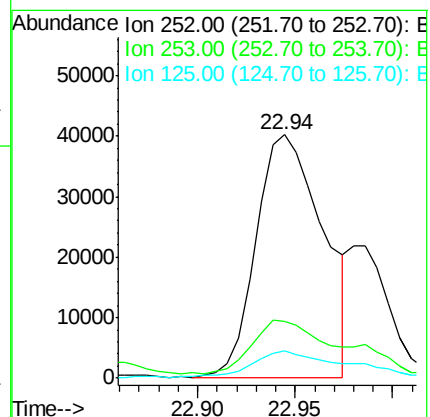
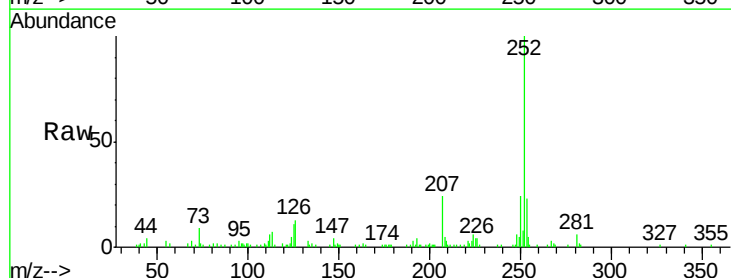
Tgt Ion:252 Resp: 96026

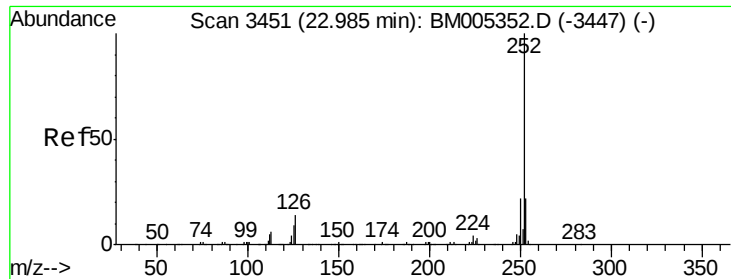
Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

125 11.1 8.4 12.6

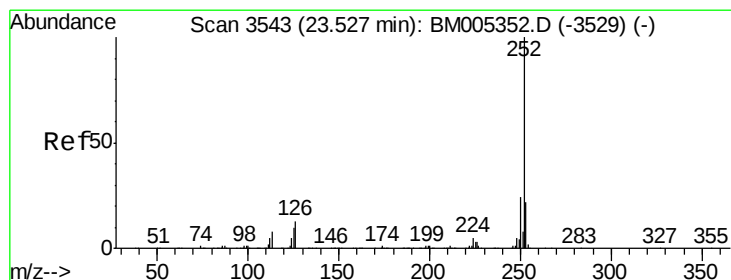
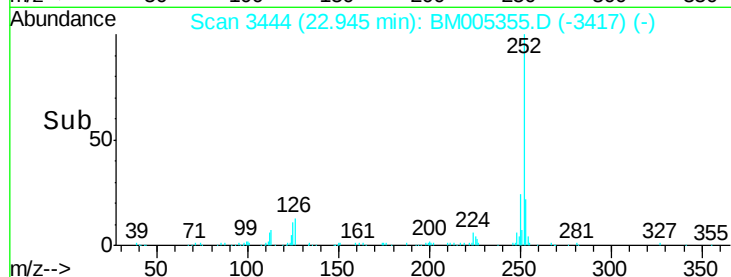
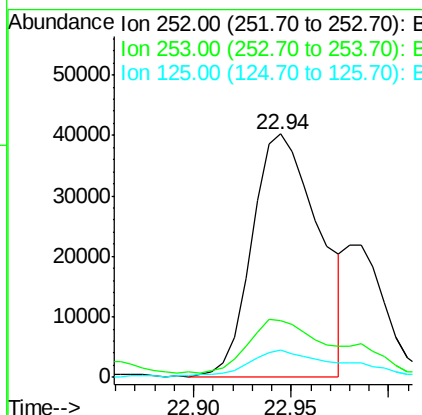
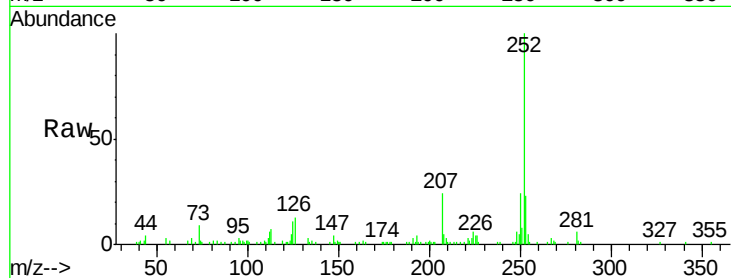




#86
Benzo(k)fluoranthene
Concen: 3.47 ng/ul
RT: 22.94 min Scan# 3444
Delta R.T. -0.04 min
Lab File: BM005355.D
Acq: 09 May 2016 11:58

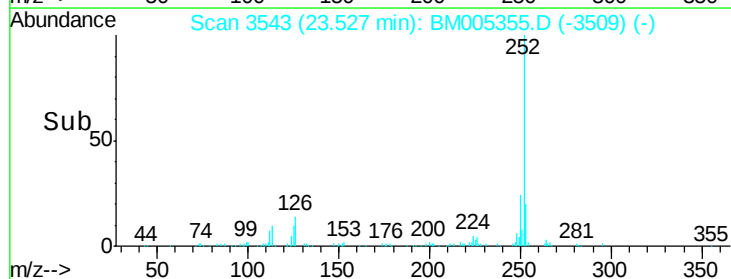
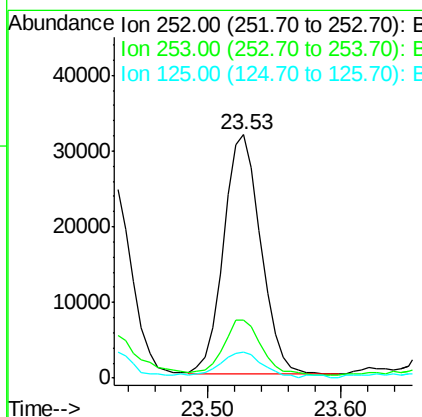
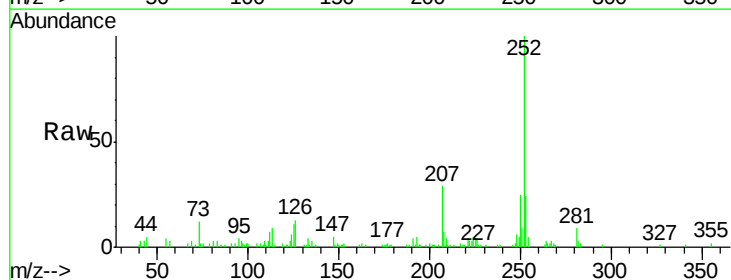
Instrument :
BNA_M
ClientSampled :
D9WW2

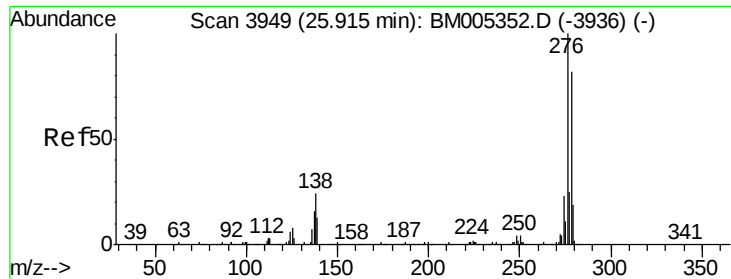
Tgt Ion:252 Resp: 96026
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 11.1 8.0 12.0



#88
Benzo(a)pyrene
Concen: 2.23 ng/ul
RT: 23.53 min Scan# 3543
Delta R.T. 0.00 min
Lab File: BM005355.D
Acq: 09 May 2016 11:58

Tgt Ion:252 Resp: 61845
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 10.6 8.7 13.1





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.23 ng/ul

RT: 25.91 min Scan# 3949

Delta R.T. 0.00 min

Lab File: BM005355.D

Acq: 09 May 2016 11:58

Instrument :

BNA_M

ClientSampleId :

D9WW2

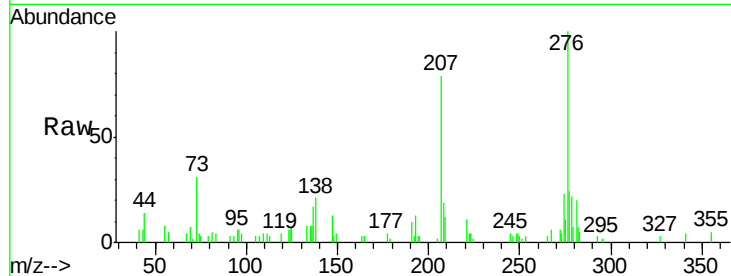
Tgt Ion:276 Resp: 37358

Ion Ratio Lower Upper

276 100

138 21.3 21.0 31.6

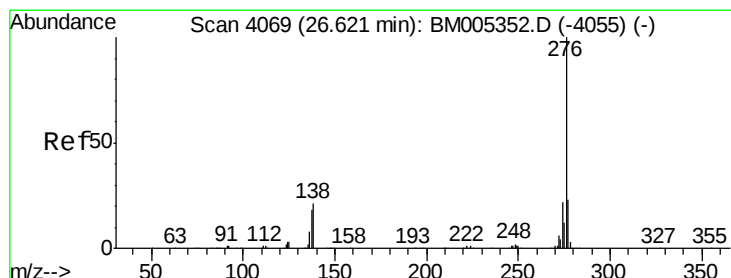
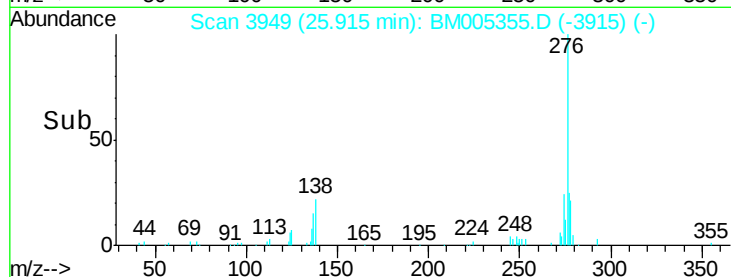
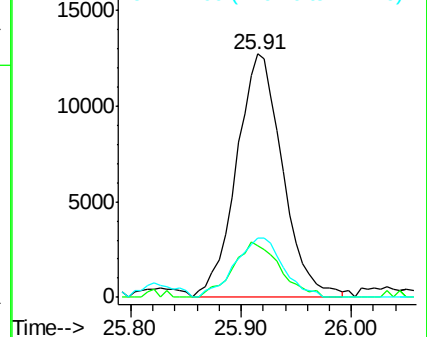
277 24.3 19.9 29.9



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



#91

Benzo(g,h,i)perylene

Concen: 1.27 ng/ul

RT: 26.62 min Scan# 4069

Delta R.T. 0.00 min

Lab File: BM005355.D

Acq: 09 May 2016 11:58

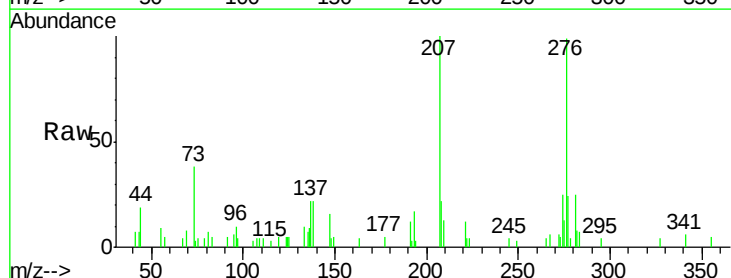
Tgt Ion:276 Resp: 32660

Ion Ratio Lower Upper

276 100

138 22.4 18.2 27.4

277 24.3 19.4 29.2



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

