

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
 Data File : BM003036.D
 Acq On : 01 Nov 2015 20:13
 Operator : UM/IZ
 Sample : G4210-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC771

Quant Time: Nov 02 02:51:25 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	7.77	152	160215	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	724691	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	403704	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	823006	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	702532	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	663475	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	11422	3.36	ng/uL	0.00
5) Phenol-d5	6.93	99	194398	15.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	150364	20.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	185742	17.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	112620	11.03	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	97756	22.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	102736	22.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	182558	18.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	179991	13.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	707853	23.31	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	761006	19.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	45871	8.96	ng/ul	0.00
58) Fluorene-d10	15.40	176	573642	21.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	38925	10.21	ng/ul	0.00
71) Anthracene-d10	17.25	188	773048	21.19	ng/ul	0.00
79) Pyrene-d10	19.55	212	709035	20.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	616822	19.56	ng/ul	0.00

Target Compounds

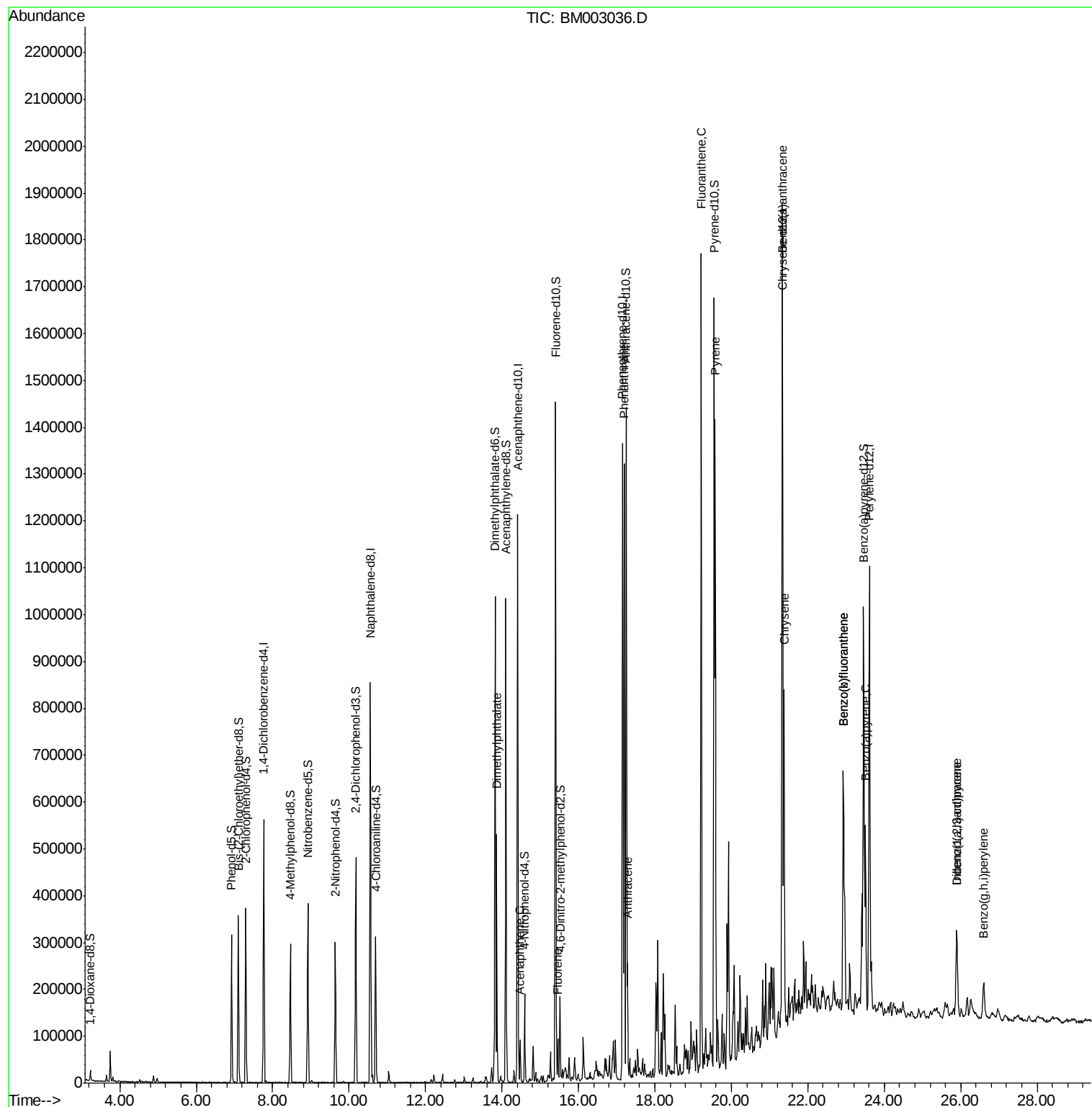
						Qvalue
45) Dimethylphthalate	13.86	163	336802	10.88	ng/ul	99
50) Acenaphthene	14.47	153	39499	1.43	ng/ul	99
59) Fluorene	15.46	166	36396	1.21	ng/ul#	96
70) Phenanthrene	17.20	178	800705	17.18	ng/ul	99
72) Anthracene	17.29	178	151635	3.33	ng/ul	98
77) Fluoranthene	19.22	202	1045944	22.20	ng/ul	96
80) Pyrene	19.58	202	834655	18.16	ng/ul#	94
83) Benzo(a)anthracene	21.33	228	421615	10.93	ng/ul	97
85) Chrysene	21.38	228	399447	10.46	ng/ul	97
88) Benzo(b)fluoranthene	22.93	252	435375	11.39	ng/ul	97
89) Benzo(k)fluoranthene	22.93	252	215434	6.04	ng/ul	96
91) Benzo(a)pyrene	23.51	252	277397	7.67	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.90	276	167690	4.21	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.90	278	51162	1.63	ng/ul#	74
94) Benzo(g,h,i)perylene	26.60	276	91123	2.54	ng/ul	95

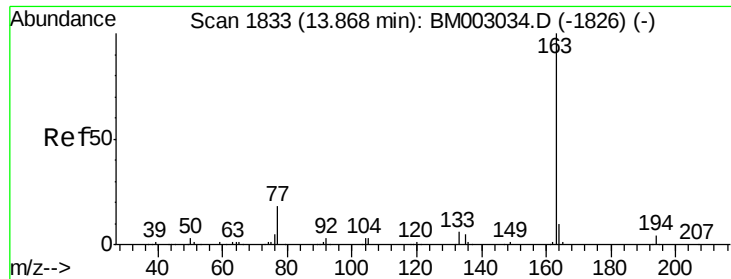
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 10.88 ng/ul

RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

Instrument :

BNA_M

ClientSampleId :

BC771

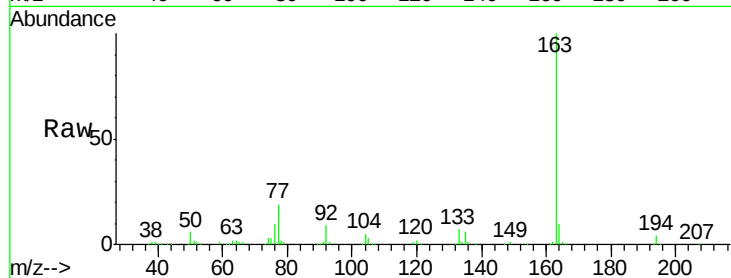
Tgt Ion:163 Resp: 336802

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

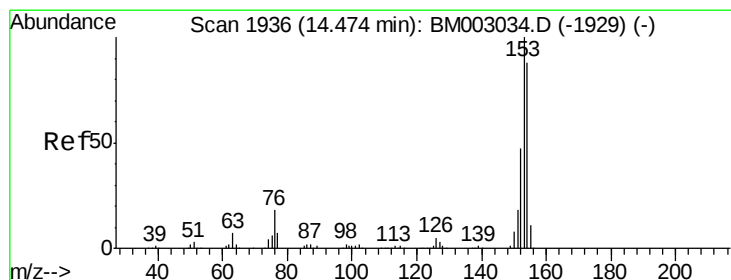
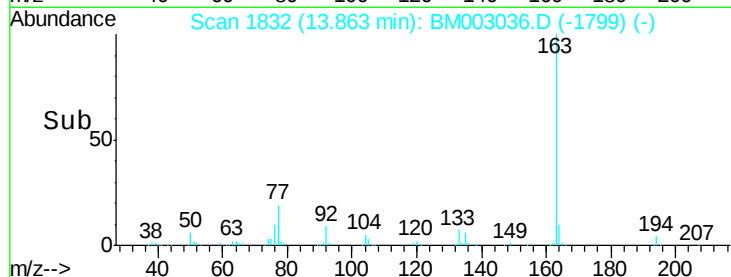
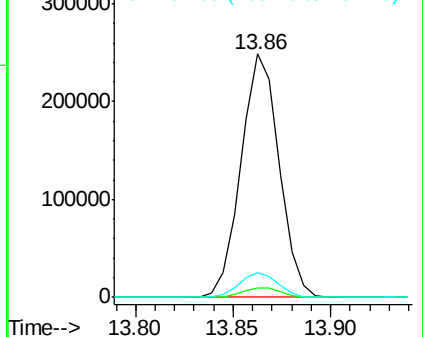
164 10.1 7.8 11.8



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



#50

Acenaphthene

Concen: 1.43 ng/ul

RT: 14.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

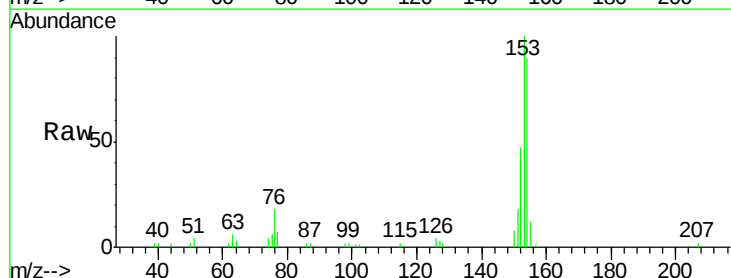
Tgt Ion:153 Resp: 39499

Ion Ratio Lower Upper

153 100

152 47.2 37.0 55.6

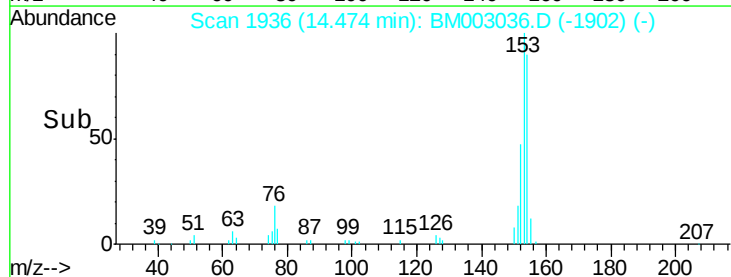
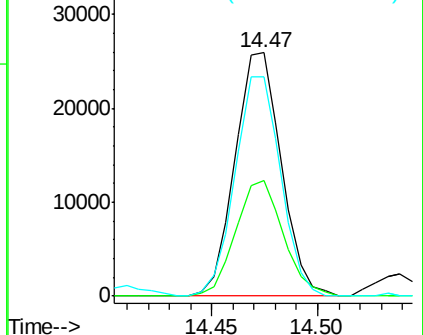
154 89.9 71.0 106.4

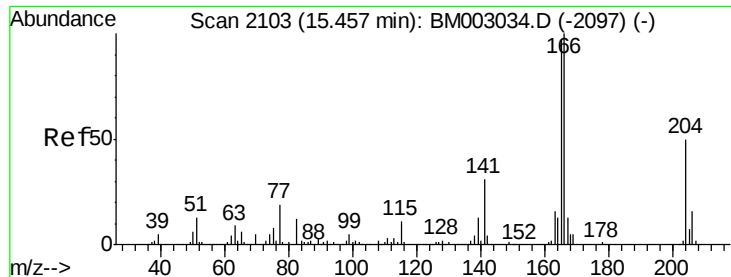


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#59

Fluorene

Concen: 1.21 ng/ul

RT: 15.46 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

Instrument :

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ClientSampleId :

BC771

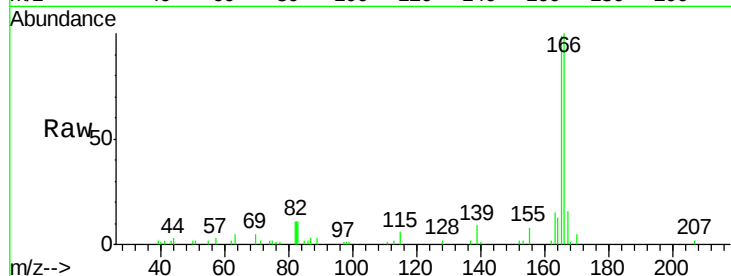
Tgt Ion:166 Resp: 36396

Ion Ratio Lower Upper

166 100

165 99.2 77.2 115.8

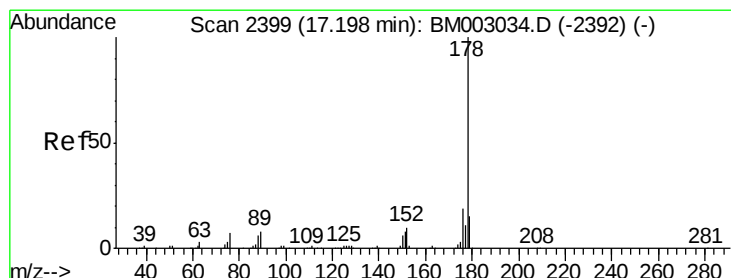
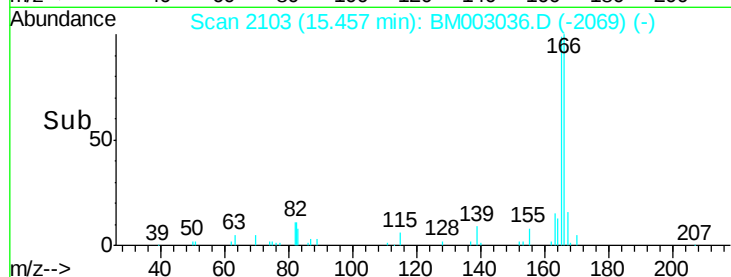
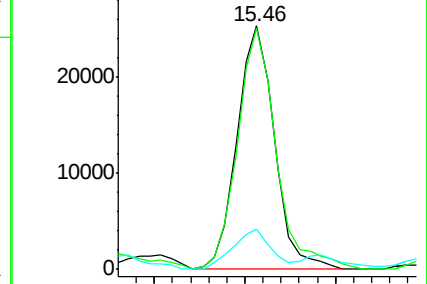
167 16.3 10.2 15.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 17.18 ng/ul

RT: 17.20 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

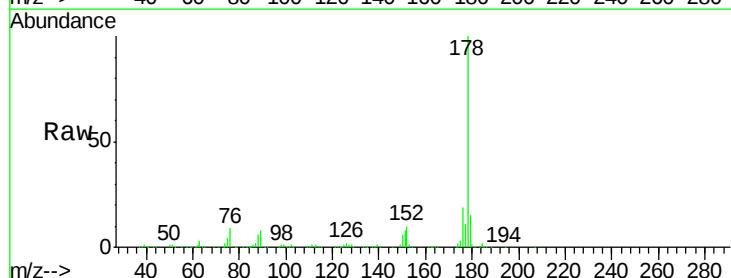
Tgt Ion:178 Resp: 800705

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

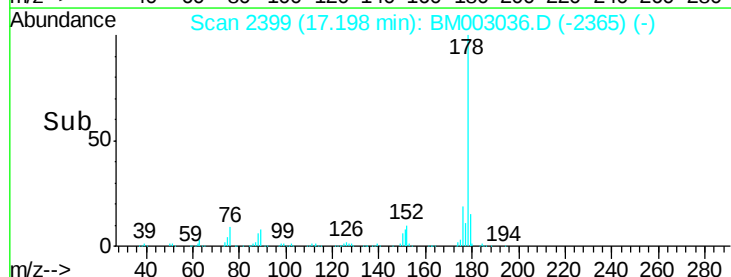
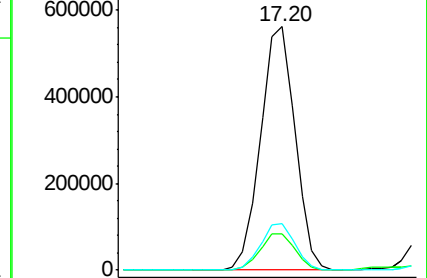
176 19.2 14.7 22.1

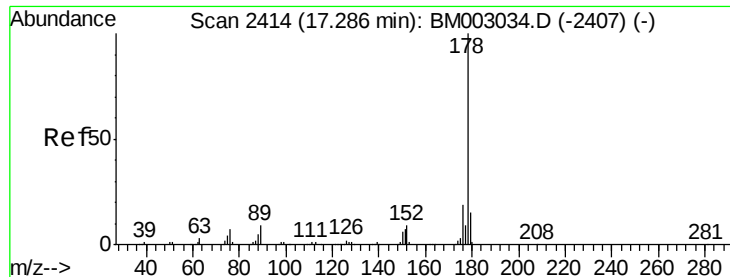


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.33 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

Instrument :

BNA_M

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BC771

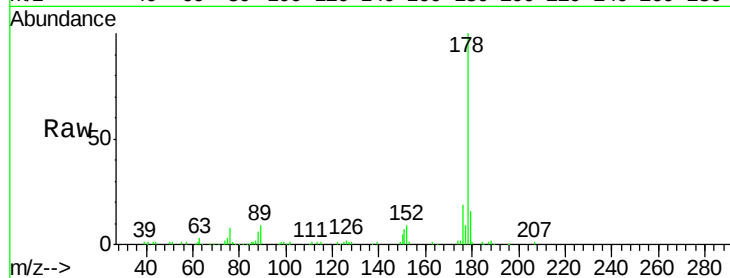
Tgt Ion:178 Resp: 151635

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

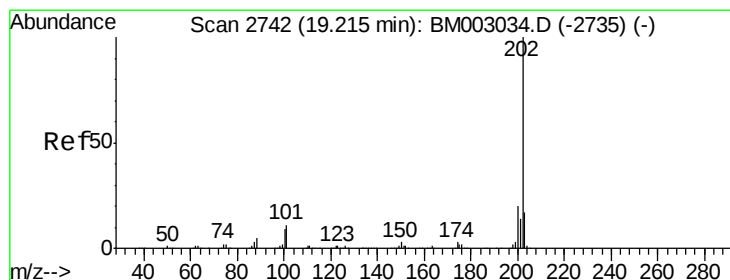
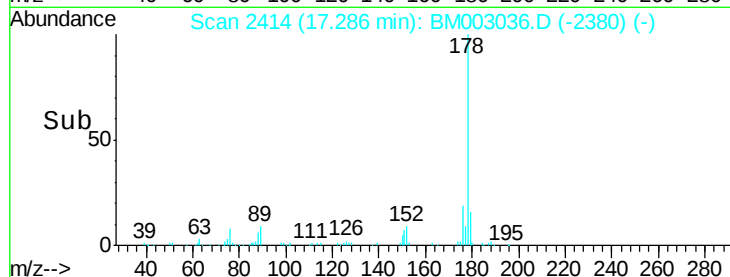
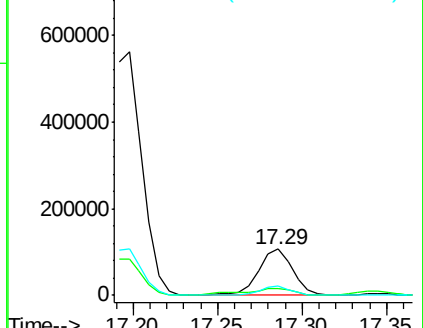
176 19.1 14.4 21.6



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: 22.20 ng/ul

RT: 19.22 min Scan# 2742

Delta R.T. -0.00 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

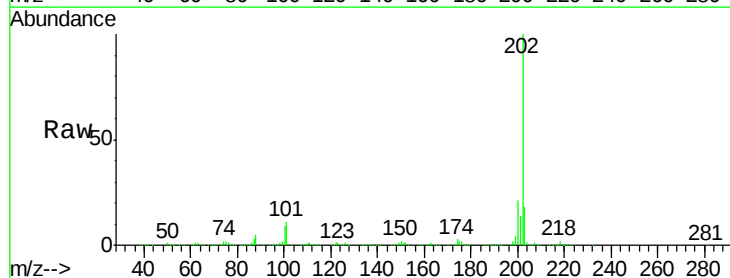
Tgt Ion:202 Resp: 1045944

Ion Ratio Lower Upper

202 100

101 11.4 10.4 15.6

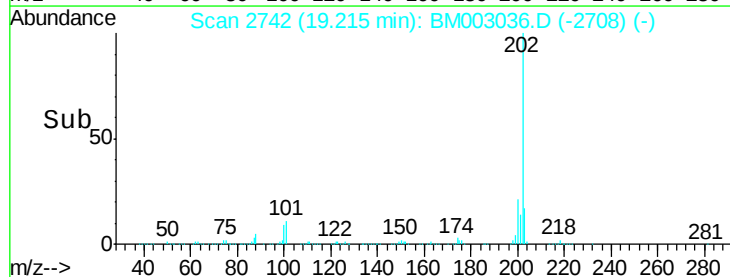
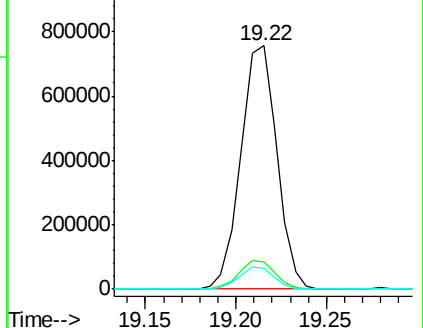
100 8.7 7.8 11.6

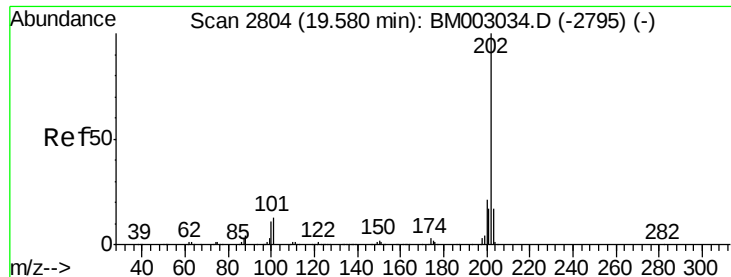


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

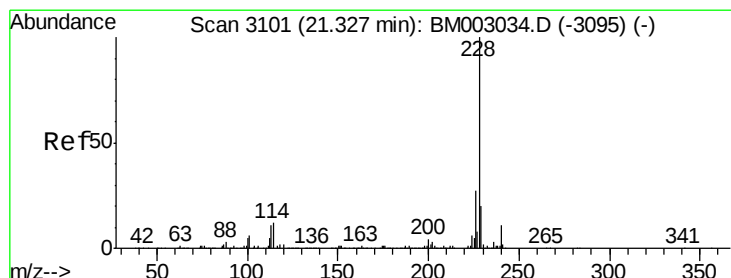
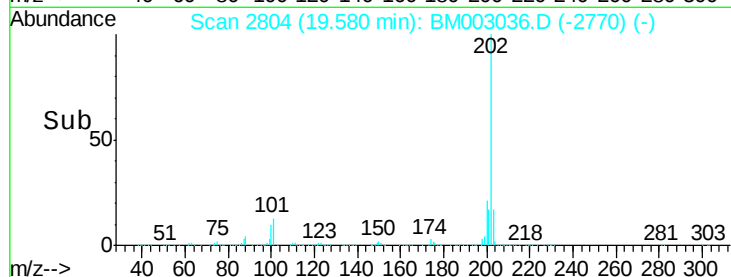
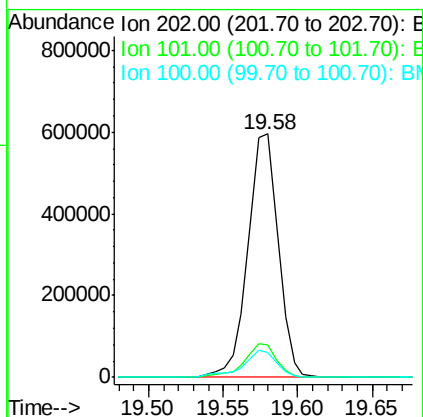
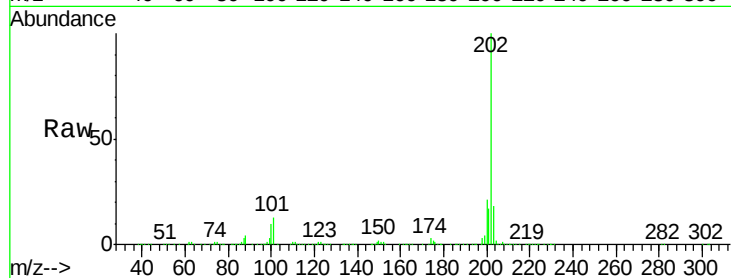




#80
 Pyrene
 Concen: 18.16 ng/ul
 RT: 19.58 min Scan# 2804
 Delta R.T. -0.00 min
 Lab File: BM003036.D
 Acq: 01 Nov 2015 20:13

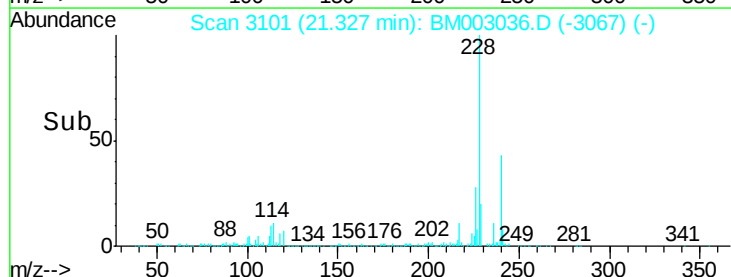
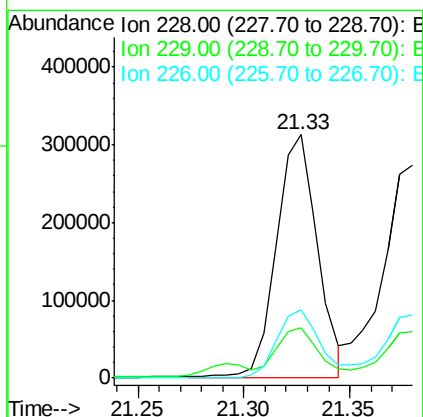
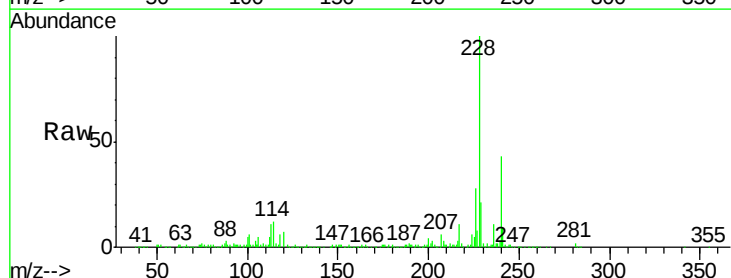
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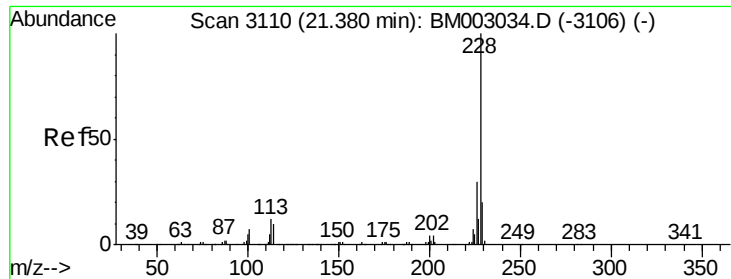
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	12.6	18.8
100	10.4	10.6	15.8



#83
 Benzo(a)anthracene
 Concen: 10.93 ng/ul
 RT: 21.33 min Scan# 3101
 Delta R.T. -0.00 min
 Lab File: BM003036.D
 Acq: 01 Nov 2015 20:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	28.0	21.0	31.6





#85

Chrysene

Concen: 10.46 ng/ul

RT: 21.38 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

Instrument :

BNA_M

ClientSampleId :

BC771

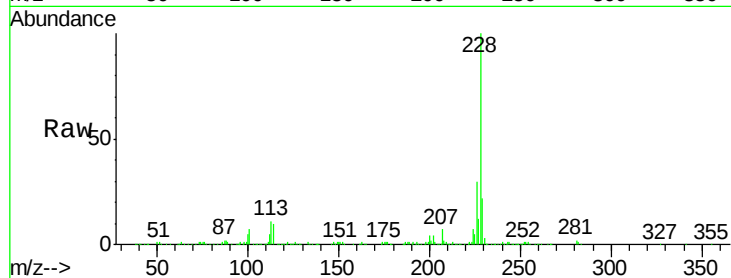
Tgt Ion:228 Resp: 399447

Ion Ratio Lower Upper

228 100

226 29.9 23.3 34.9

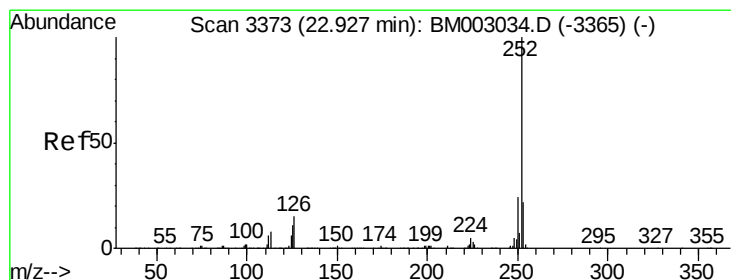
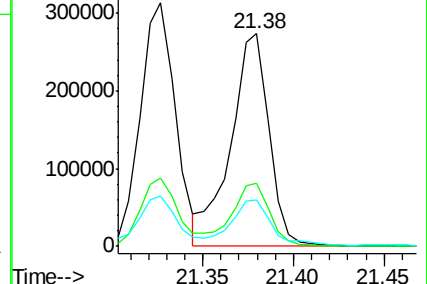
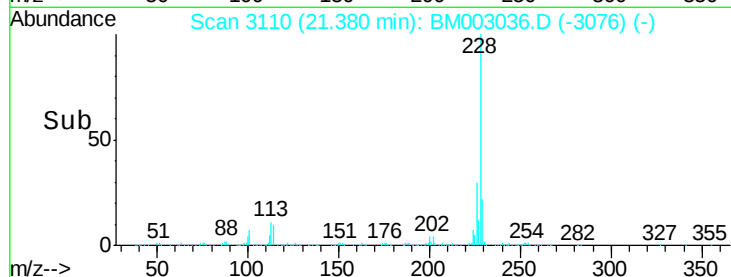
229 22.1 15.8 23.6



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: 11.39 ng/ul

RT: 22.93 min Scan# 3373

Delta R.T. -0.00 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

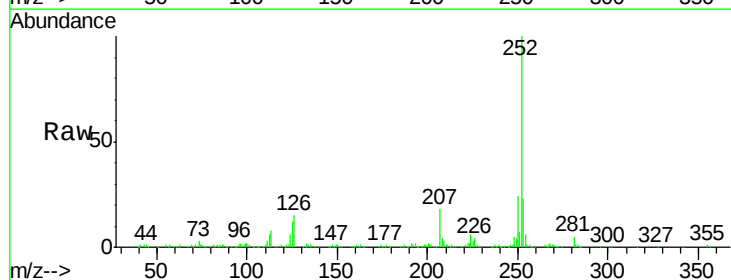
Tgt Ion:252 Resp: 435375

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

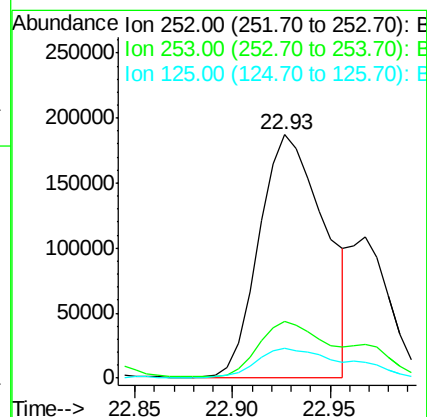
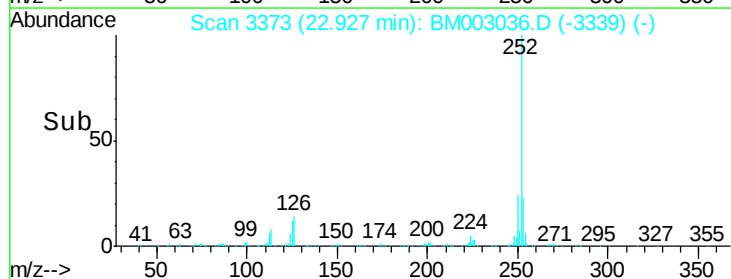
125 12.1 10.7 16.1

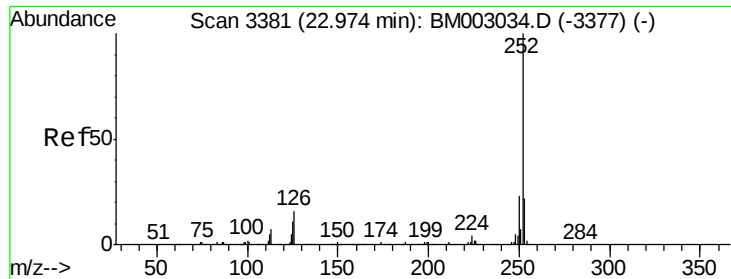


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 6.04 ng/ul

RT: 22.93 min Scan# 3373

Delta R.T. -0.05 min

Lab File: BM003036.D

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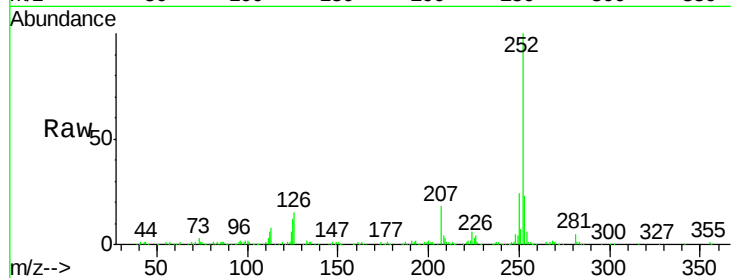
Tgt Ion:252 Resp: 215434

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

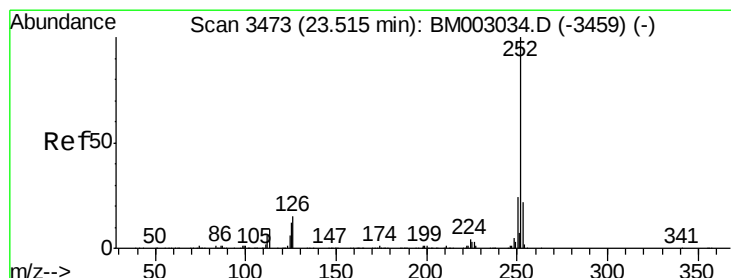
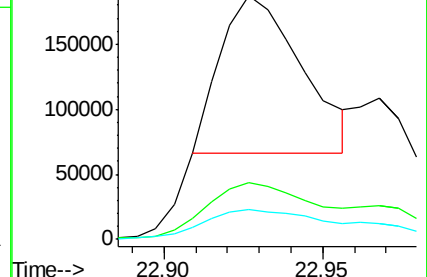
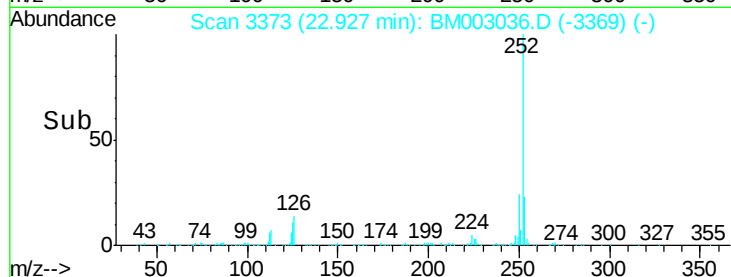
125 12.1 11.1 16.7



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



#91

Benzo(a)pyrene

Concen: 7.67 ng/ul

RT: 23.51 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

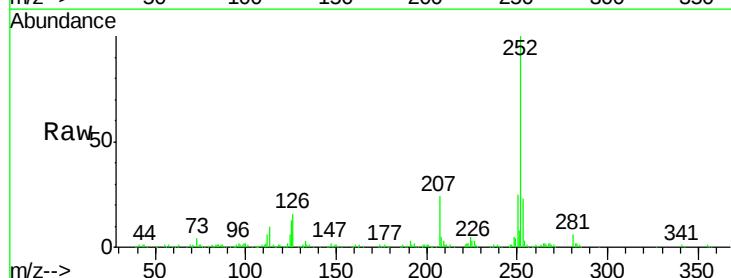
Tgt Ion:252 Resp: 277397

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

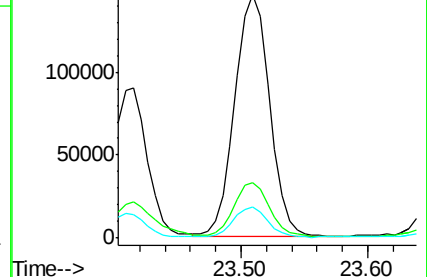
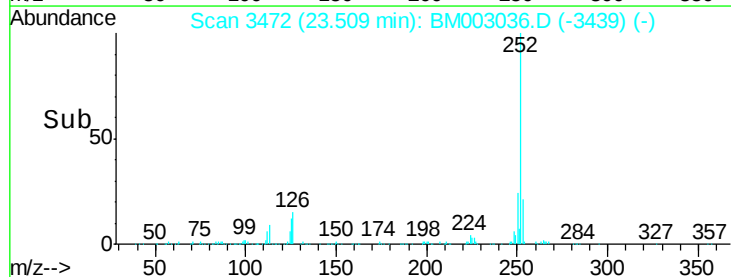
125 12.8 11.9 17.9

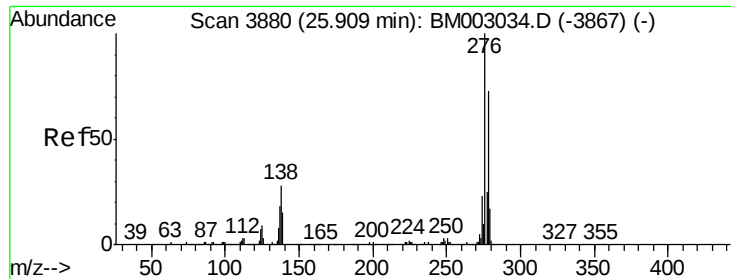


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 4.21 ng/ul

RT: 25.90 min Scan# 3878

Delta R.T. -0.01 min

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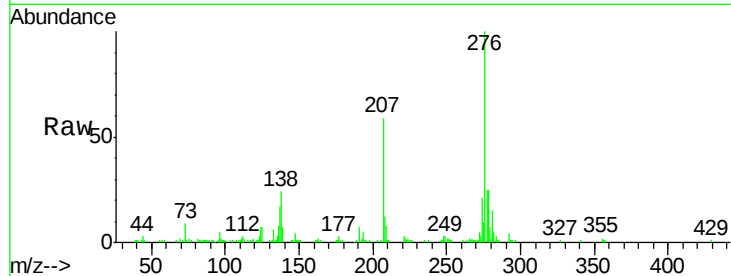
Tgt Ion:276 Resp: 167690

Ion Ratio Lower Upper

276 100

138 23.7 26.6 40.0#

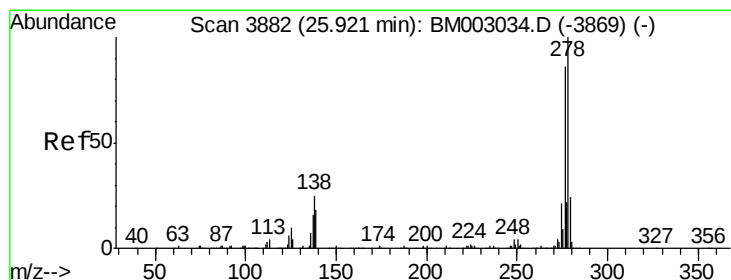
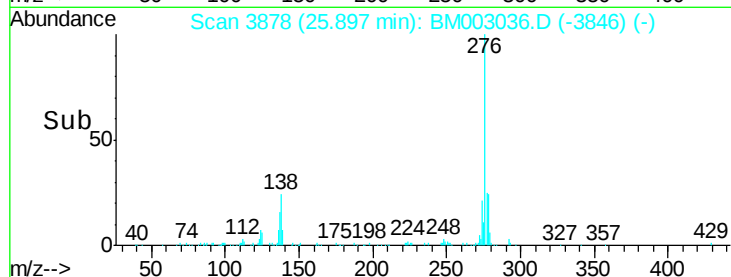
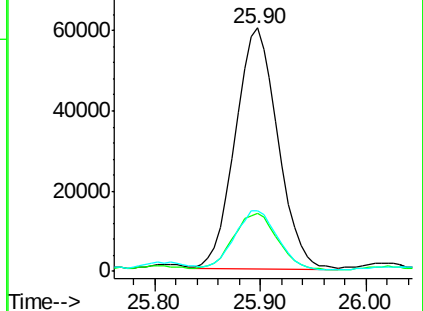
277 24.9 20.2 30.4



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



#93

Dibenzo(a,h)anthracene

Concen: 1.63 ng/ul

RT: 25.90 min Scan# 3879

Delta R.T. -0.02 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

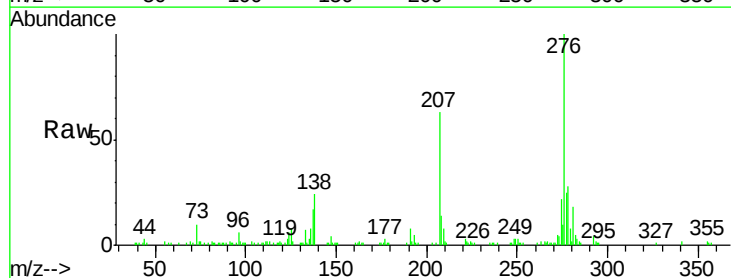
Tgt Ion:278 Resp: 51162

Ion Ratio Lower Upper

278 100

139 0.0 18.8 28.2#

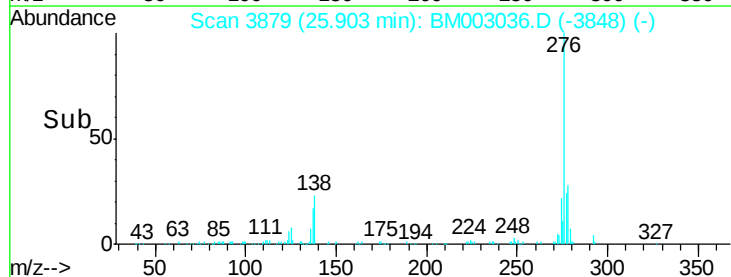
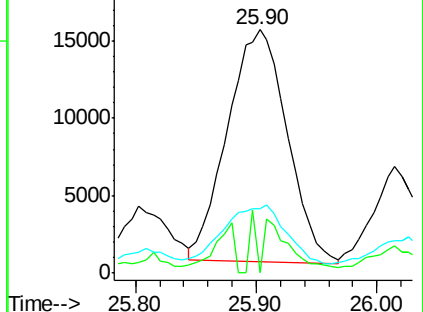
279 26.5 19.3 28.9

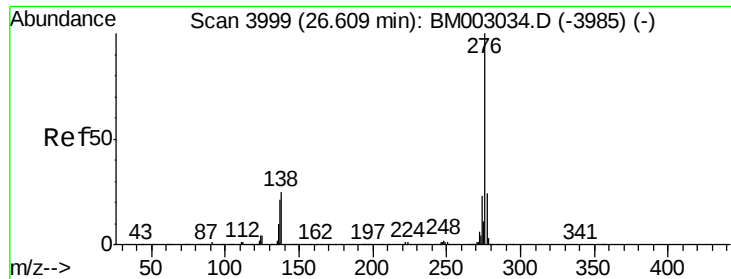


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 2.54 ng/ul

RT: 26.60 min Scan# 3998

Delta R.T. -0.01 min

Lab File: BM003036.D

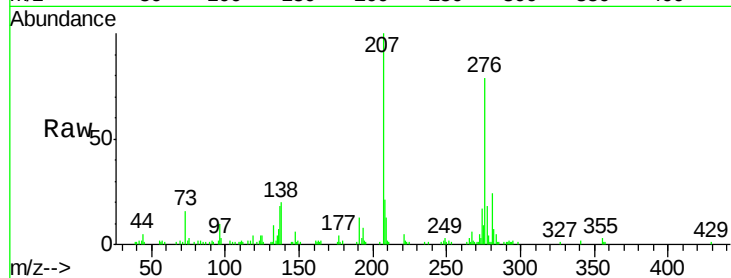
Acq: 01 Nov 2015 20:13

Instrument :

BNA_M

ClientSampleId :

BC771



Tgt Ion: 276 Resp: 91123

Ion Ratio Lower Upper

276 100

138 25.2 23.8 35.6

277 23.5 19.4 29.2

