

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
 Data File : BM002138.D
 Acq On : 30 Jul 2015 16:05
 Operator : TP/UM
 Sample : G3030-10RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01N3RE

Quant Time: Jul 31 01:29:50 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 31 01:27:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	192180	20.00	ng/ul	0.01
18) Naphthalene-d8	10.39	136	799190	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.27	164	457404	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.02	188	823860	20.00	ng/ul	0.01
78) Chrysene-d12	21.22	240	809632	20.00	ng/ul	0.02
86) Perylene-d12	23.43	264	840404	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	9179	2.47	ng/uL	0.00
5) Phenol-d5	6.79	99	223211	16.25	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	122301	16.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	195690	16.80	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	169590	15.53	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	94572	16.65	ng/ul	0.01
22) 2-Nitrophenol-d4	9.47	143	100189	15.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	197951	16.28	ng/ul	0.02
29) 4-Chloroaniline-d4	10.53	131	167389	12.53	ng/ul	0.01
44) Dimethylphthalate-d6	13.68	166	550305	16.43	ng/ul	0.01
47) Acenaphthylene-d8	13.96	160	551319	13.16	ng/ul	0.01
52) 4-Nitrophenol-d4	14.50	143	53421	9.55	ng/ul	0.03
58) Fluorene-d10	15.26	176	341939	11.60	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	6416	1.27	ng/ul	0.02
71) Anthracene-d10	17.12	188	412118	11.21	ng/ul	0.01
79) Pyrene-d10	19.42	212	354797	10.41	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.29	264	361611	8.88	ng/ul	0.02

Target Compounds

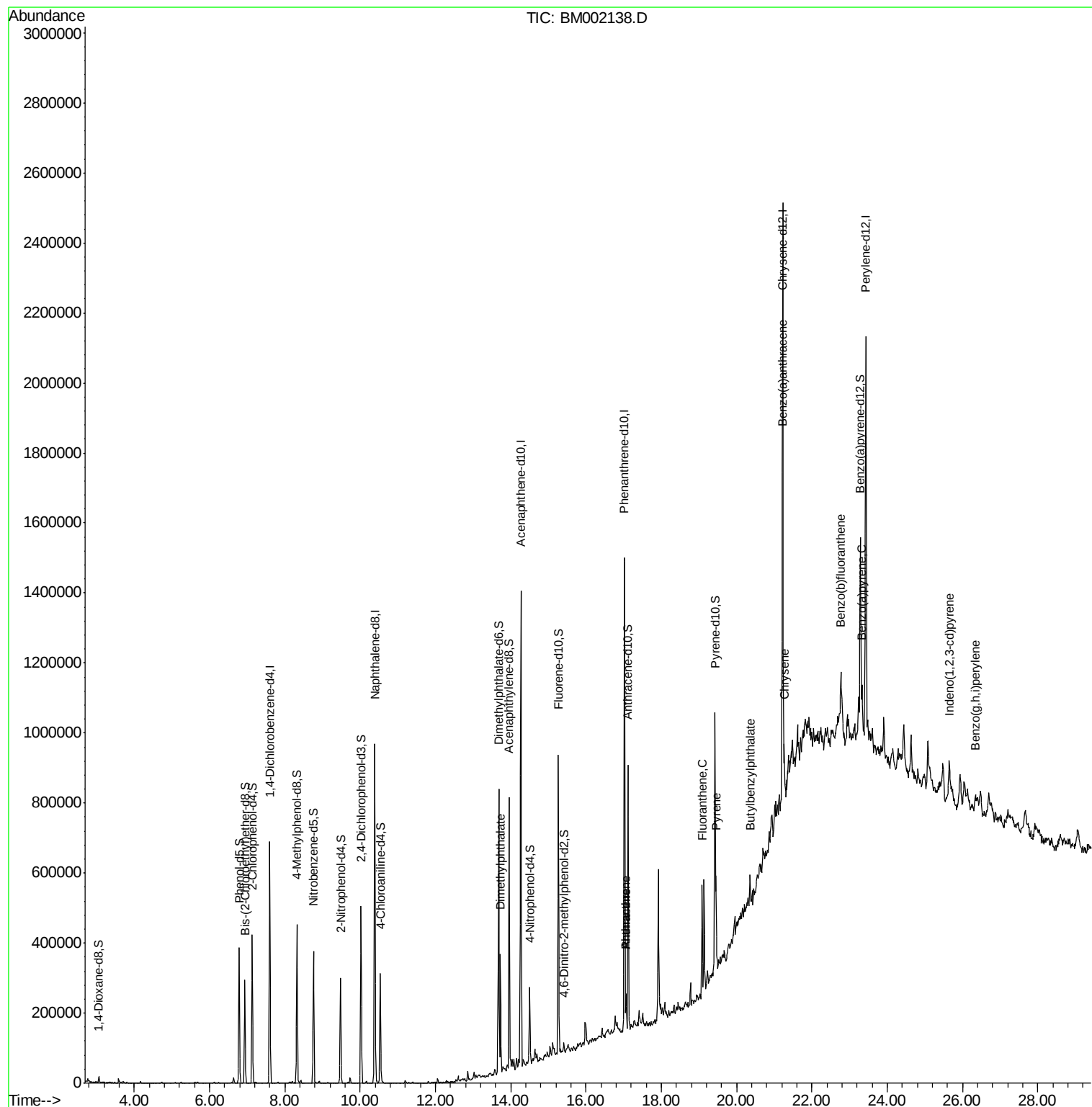
						Qvalue
45) Dimethylphthalate	13.72	163	210126	6.28	ng/ul	99
70) Phenanthrene	17.06	178	62024	1.45	ng/ul	97
72) Anthracene	17.06	178	62414	1.43	ng/ul	97
77) Fluoranthene	19.09	202	184920	3.75	ng/ul	100
80) Pyrene	19.45	202	167277	3.80	ng/ul	100
81) Butylbenzylphthalate	20.35	149	26931	1.60	ng/ul	92
83) Benzo(a)anthracene	21.20	228	90229	2.01	ng/ul#	91
85) Chrysene	21.26	228	98679	2.35	ng/ul#	92
88) Benzo(b)fluoranthene	22.76	252	161012	3.41	ng/ul#	87
91) Benzo(a)pyrene	23.33	252	95395	2.09	ng/ul#	83
92) Indeno(1,2,3-cd)pyrene	25.64	276	72368	1.38	ng/ul	95
94) Benzo(g,h,i)perylene	26.33	276	68784	1.56	ng/ul#	87

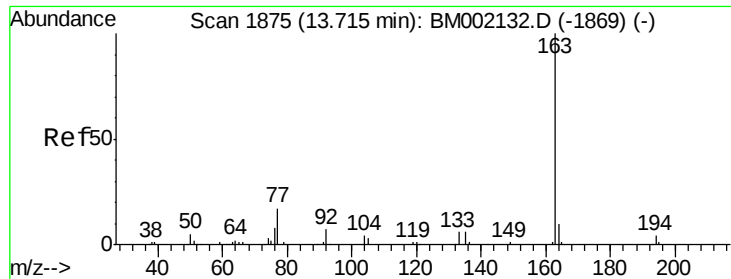
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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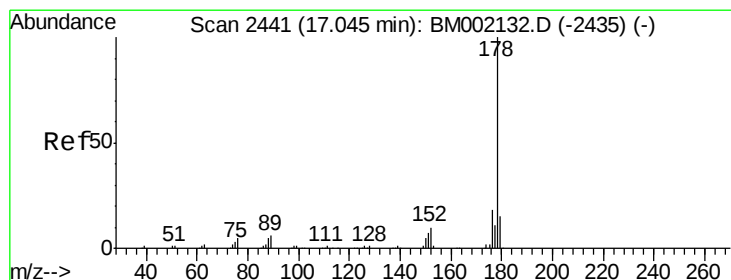
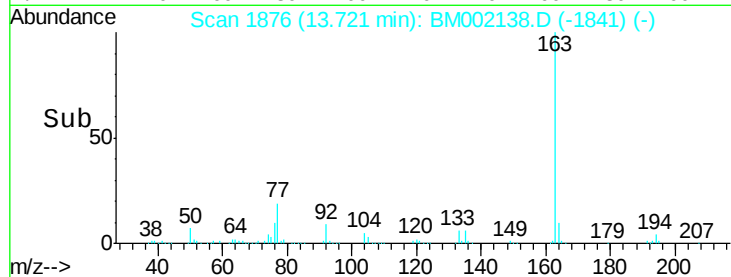
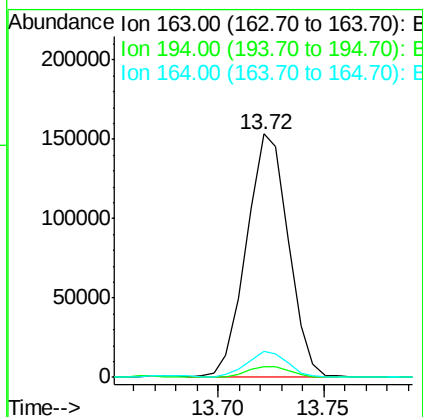
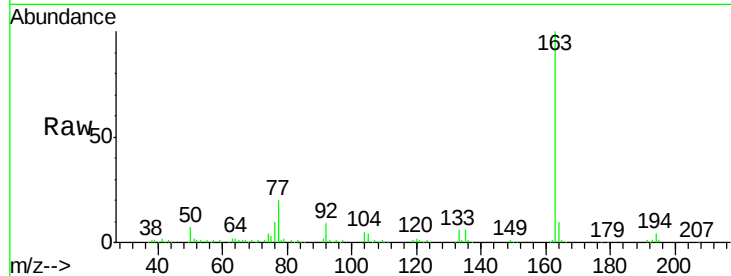




#45
Dimethylphthalate
Concen: 6.28 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM002138.D
Acq: 30 Jul 2015 16:05

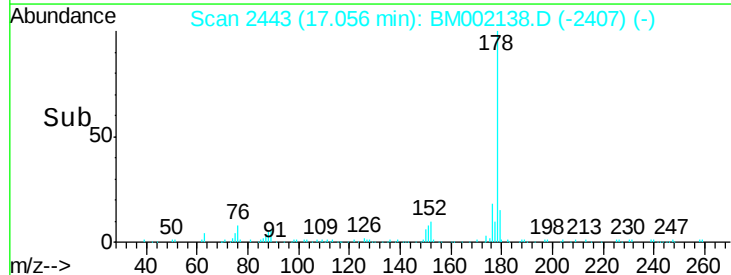
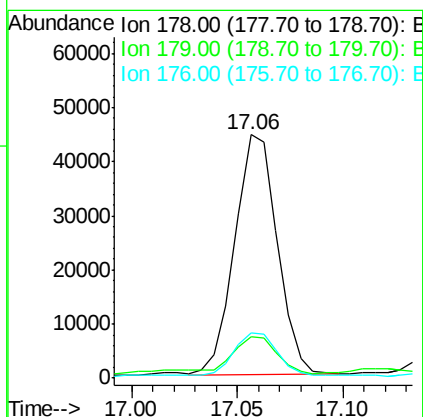
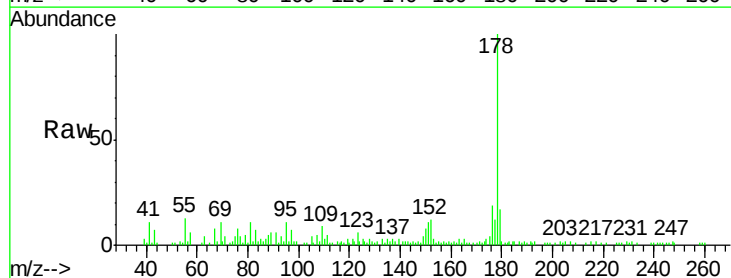
Instrument :
BNA_M
ClientSampleId :
C01N3RE

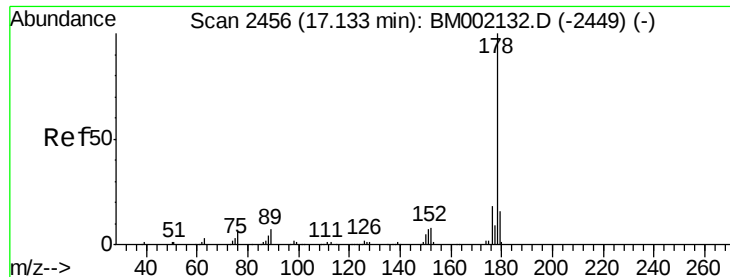
Tgt Ion:163 Resp: 210126
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.4 8.0 12.0



#70
Phenanthrene
Concen: 1.45 ng/ul
RT: 17.06 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BM002138.D
Acq: 30 Jul 2015 16:05

Tgt Ion:178 Resp: 62024
Ion Ratio Lower Upper
178 100
179 17.1 12.5 18.7
176 18.6 14.2 21.4





#72

Anthracene

Concen: 1.43 ng/ul

RT: 17.06 min Scan# 2443

Delta R.T. -0.08 min

Lab File: BM002138.D

Acq: 30 Jul 2015 16:05

Instrument :

BNA_M

ClientSampleId :

C01N3RE

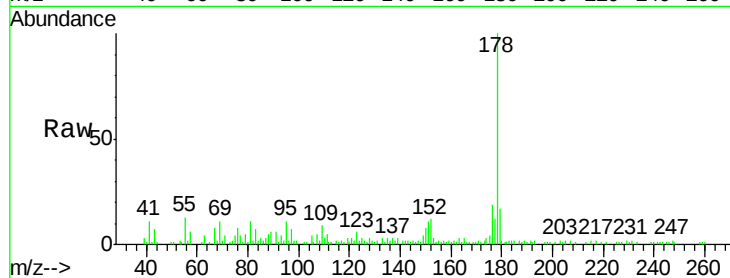
Tgt Ion:178 Resp: 62414

Ion Ratio Lower Upper

178 100

179 17.1 12.1 18.1

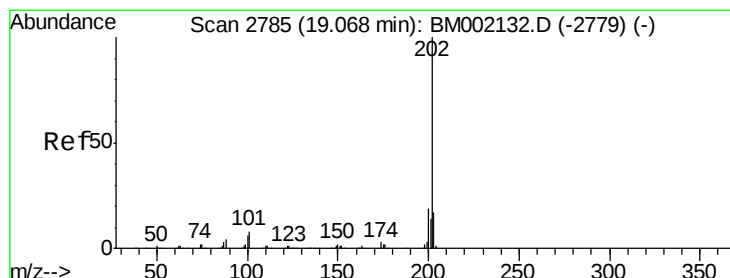
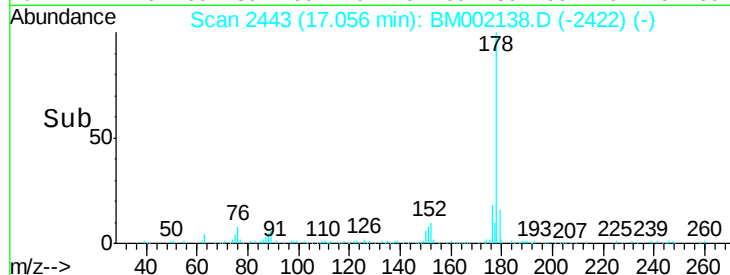
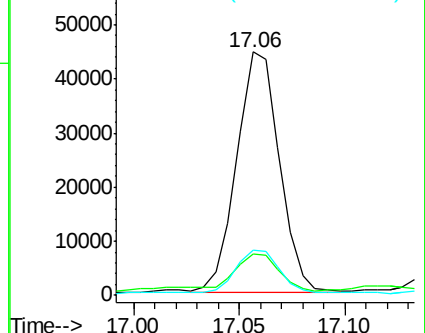
176 18.6 14.1 21.1



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



#77

Fluoranthene

Concen: 3.75 ng/ul

RT: 19.09 min Scan# 2788

Delta R.T. 0.02 min

Lab File: BM002138.D

Acq: 30 Jul 2015 16:05

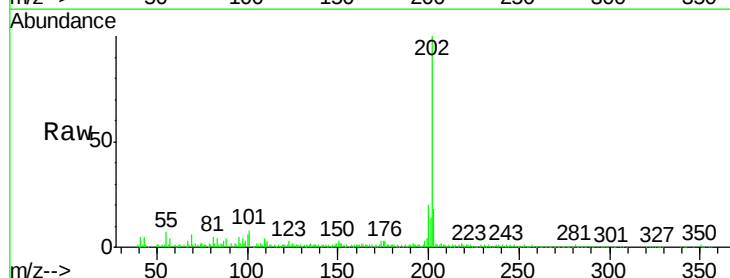
Tgt Ion:202 Resp: 184920

Ion Ratio Lower Upper

202 100

101 7.8 6.2 9.4

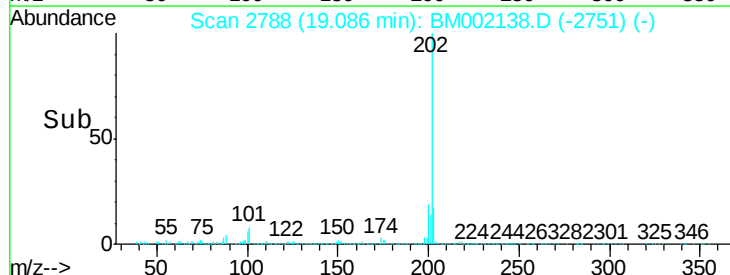
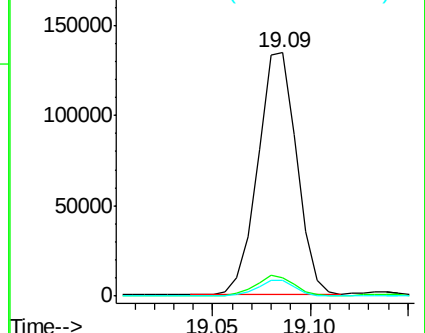
100 6.3 5.2 7.8

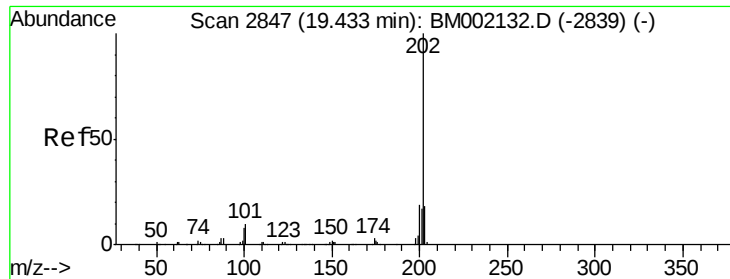


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

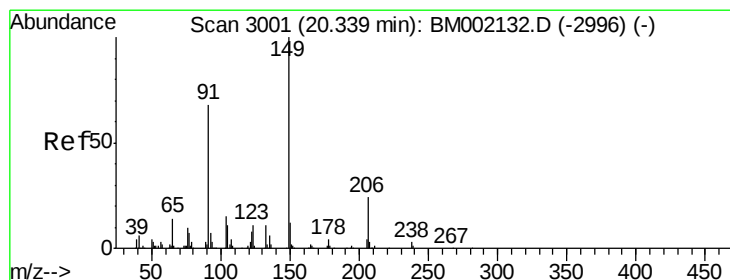
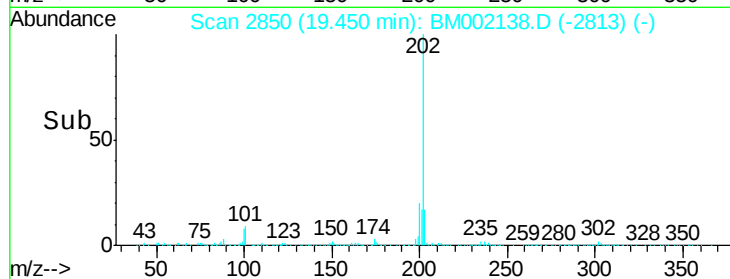
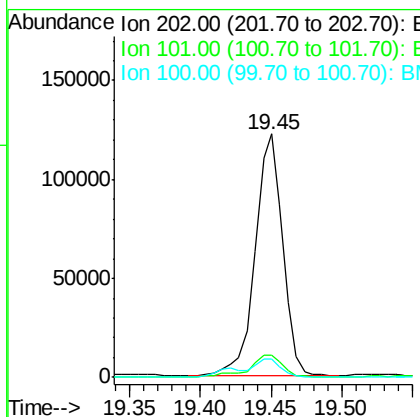
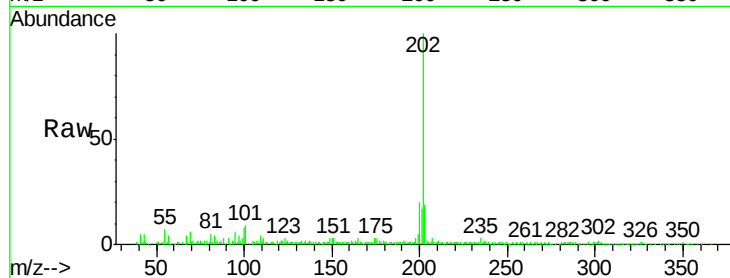




#80
 Pyrene
 Concen: 3.80 ng/ul
 RT: 19.45 min Scan# 2850
 Delta R.T. 0.02 min
 Lab File: BM002138.D
 Acq: 30 Jul 2015 16:05

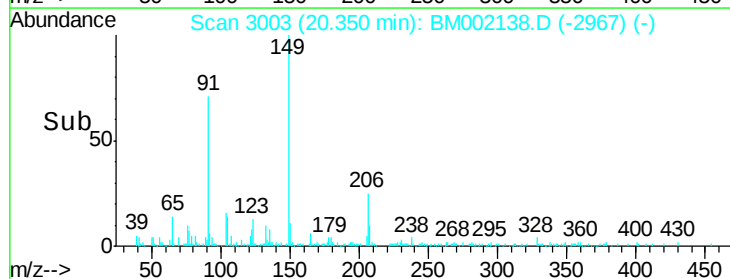
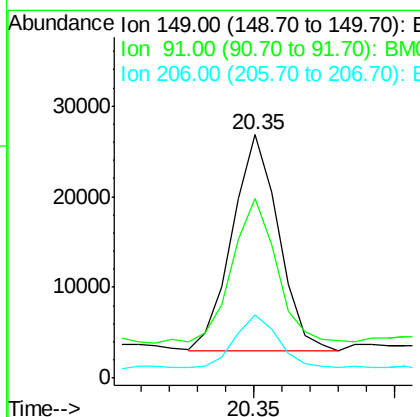
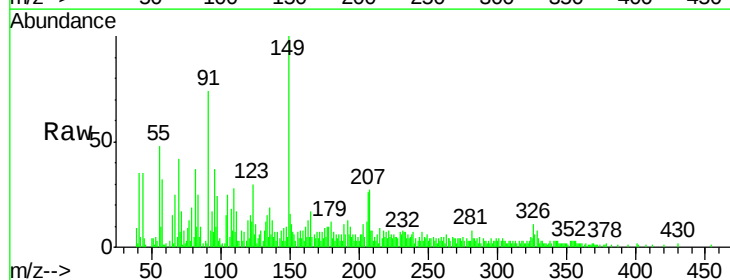
Instrument :
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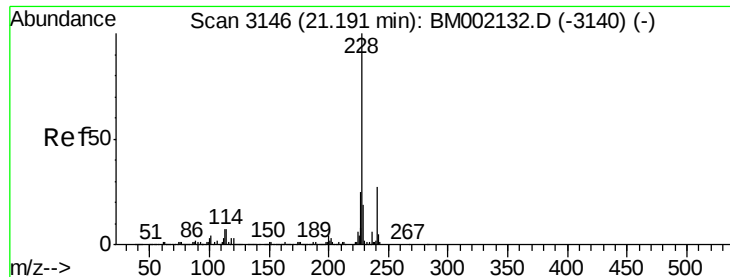
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.4	11.2
100	7.7	6.3	9.5



#81
 Butylbenzylphthalate
 Concen: 1.60 ng/ul
 RT: 20.35 min Scan# 3003
 Delta R.T. 0.01 min
 Lab File: BM002138.D
 Acq: 30 Jul 2015 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.9	52.4	78.6
206	26.0	19.9	29.9





#83

Benzo(a)anthracene

Concen: 2.01 ng/ul

RT: 21.20 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BM002138.D

Acq: 30 Jul 2015 16:05

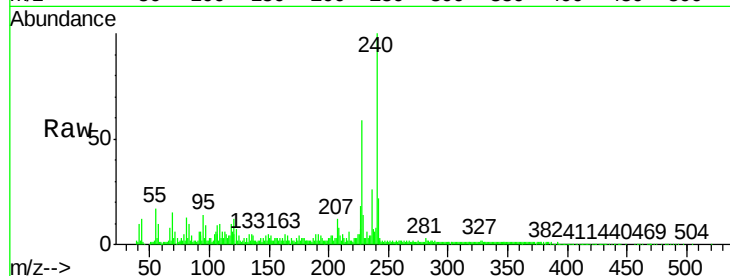
Instrument :

BNA_M

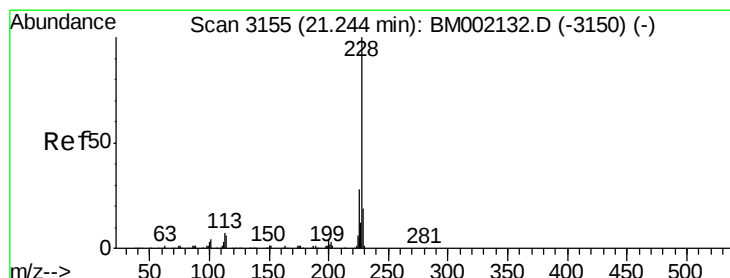
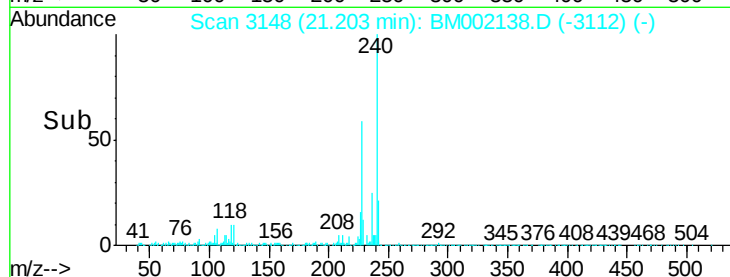
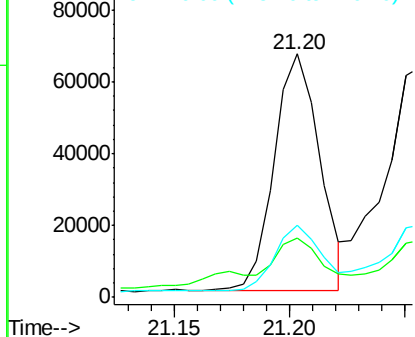
ClientSampleId :

C01N3RE

Tgt Ion:	228	Resp:	90229
Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.4	23.2#
226	29.7	20.5	30.7



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: 2.35 ng/ul

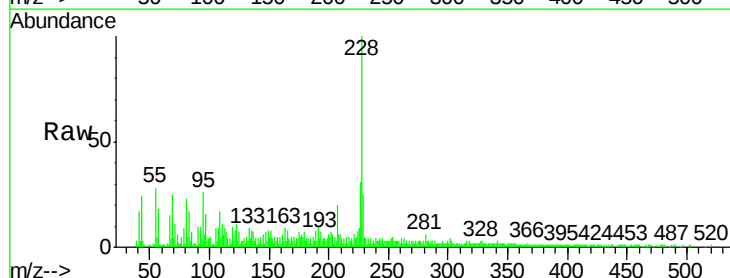
RT: 21.26 min Scan# 3157

Delta R.T. 0.01 min

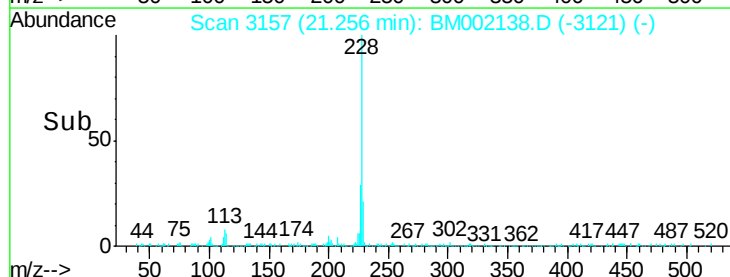
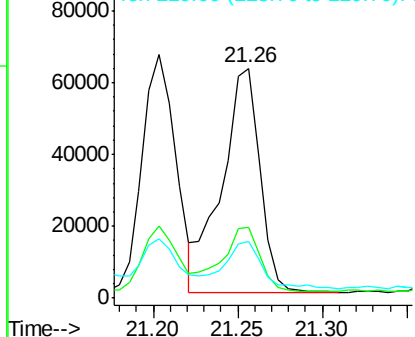
Lab File: BM002138.D

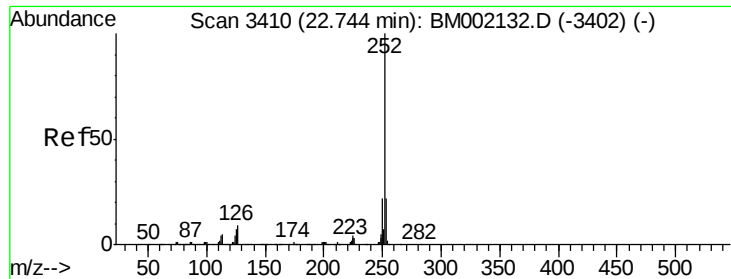
Acq: 30 Jul 2015 16:05

Tgt Ion:	228	Resp:	98679
Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.3	33.5
229	24.8	15.5	23.3#



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: 3.41 ng/ul

RT: 22.76 min Scan# 3413

Delta R.T. 0.02 min

Lab File: BM002138.D

Acq: 30 Jul 2015 16:05

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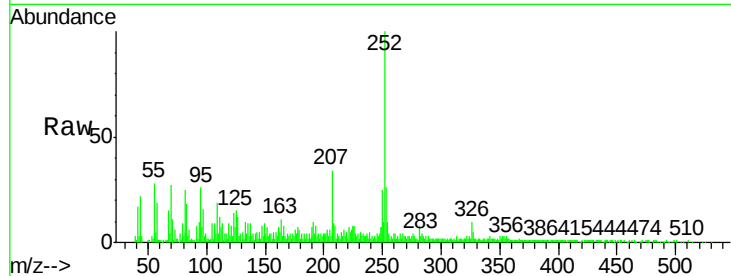
Tgt Ion:252 Resp: 161012

Ion Ratio Lower Upper

252 100

253 25.8 16.9 25.3#

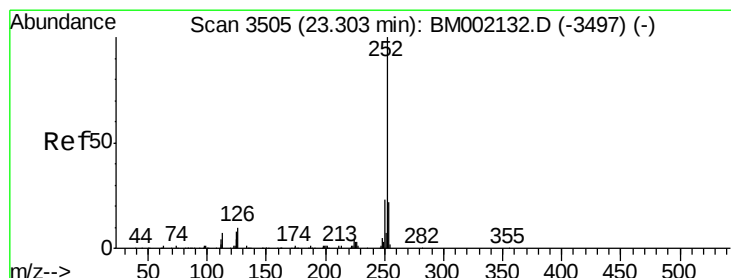
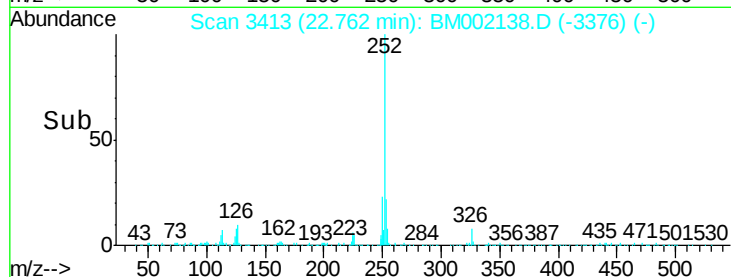
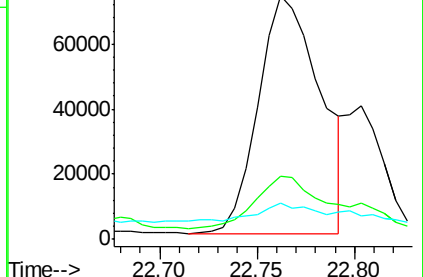
125 14.7 6.2 9.2#



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: 2.09 ng/ul

RT: 23.33 min Scan# 3509

Delta R.T. 0.02 min

Lab File: BM002138.D

Acq: 30 Jul 2015 16:05

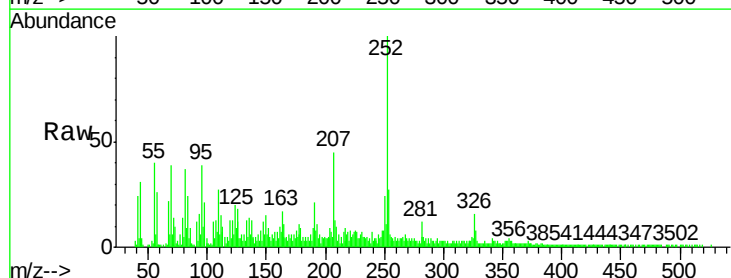
Tgt Ion:252 Resp: 95395

Ion Ratio Lower Upper

252 100

253 27.5 17.2 25.8#

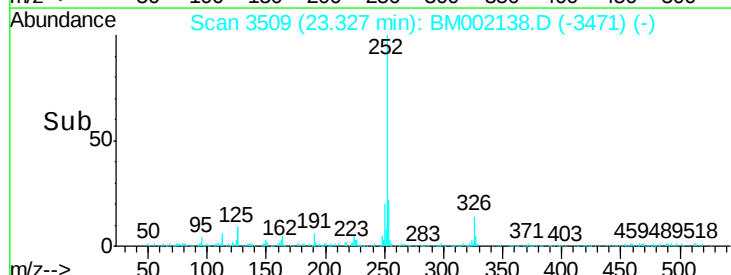
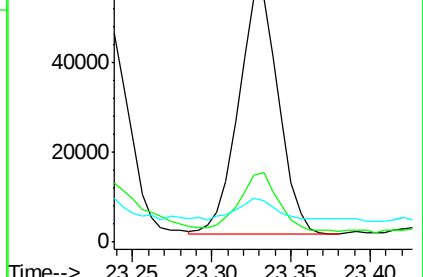
125 17.8 6.6 10.0#

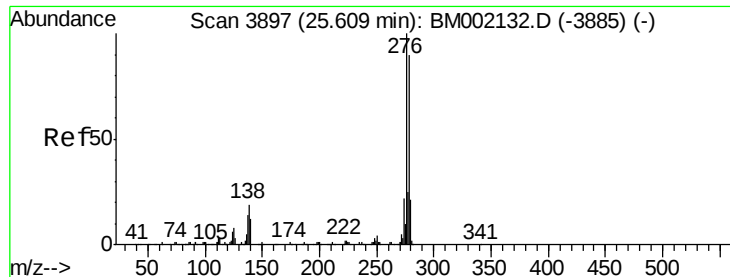


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.38 ng/ul

RT: 25.64 min Scan# 3903

Delta R.T. 0.04 min

Lab File: BM002138.D

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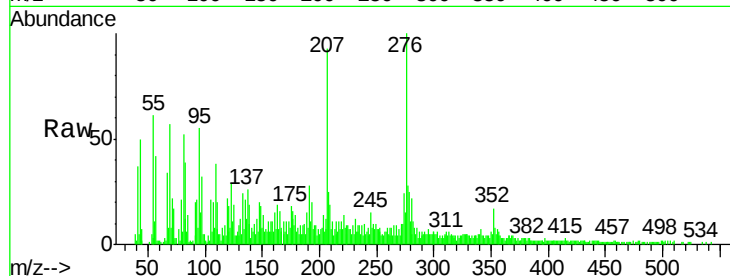
Tgt Ion:276 Resp: 72368

Ion Ratio Lower Upper

276 100

138 19.3 16.2 24.2

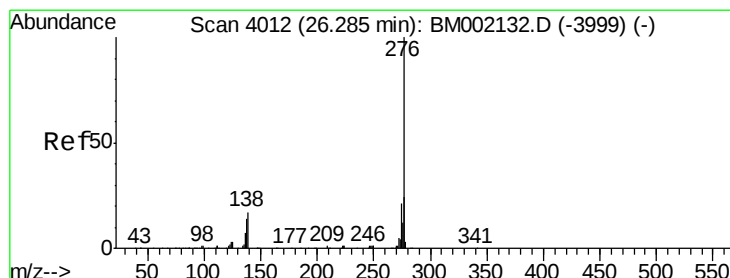
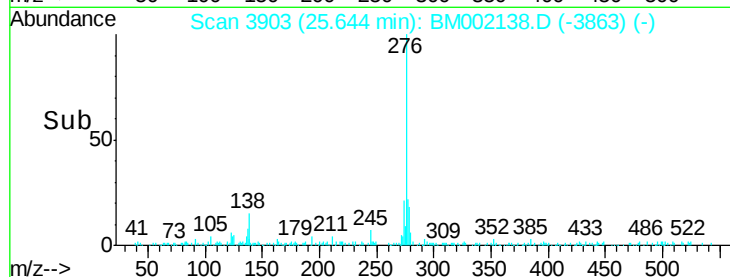
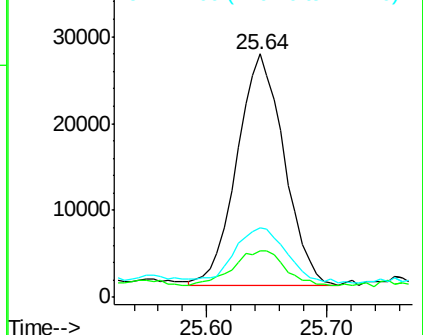
277 28.4 19.8 29.8



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



#94

Benzo(g,h,i)perylene

Concen: 1.56 ng/ul

RT: 26.33 min Scan# 4020

Delta R.T. 0.05 min

Lab File: BM002138.D

Acq: 30 Jul 2015 16:05

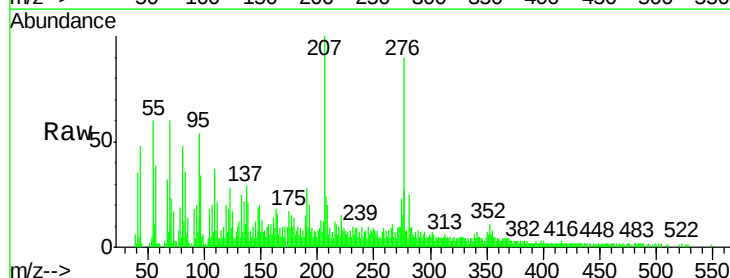
Tgt Ion:276 Resp: 68784

Ion Ratio Lower Upper

276 100

138 22.7 13.8 20.6#

277 29.4 18.2 27.2#



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

