

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
 Data File : BM002137.D
 Acq On : 30 Jul 2015 15:28
 Operator : TP/UM
 Sample : G3030-09RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01N2RE

Quant Time: Jul 31 01:29:38 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	7.59	152	172037	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	703624	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	385759	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.01	188	772847	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	883500	20.00	ng/ul	0.01
86) Perylene-d12	23.43	264	922926	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	7912	2.38	ng/uL	0.00
5) Phenol-d5	6.78	99	213010	17.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	117379	17.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	184440	17.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	152012	15.55	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	89934	17.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	100861	18.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	181523	16.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	73135	6.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	493479	17.46	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	548063	15.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	58415	12.39	ng/ul	0.02
58) Fluorene-d10	15.26	176	362481	14.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	17057	3.61	ng/ul	0.01
71) Anthracene-d10	17.11	188	498899	14.46	ng/ul	0.00
79) Pyrene-d10	19.42	212	521994	14.03	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.29	264	551044	12.32	ng/ul	0.02

Target Compounds

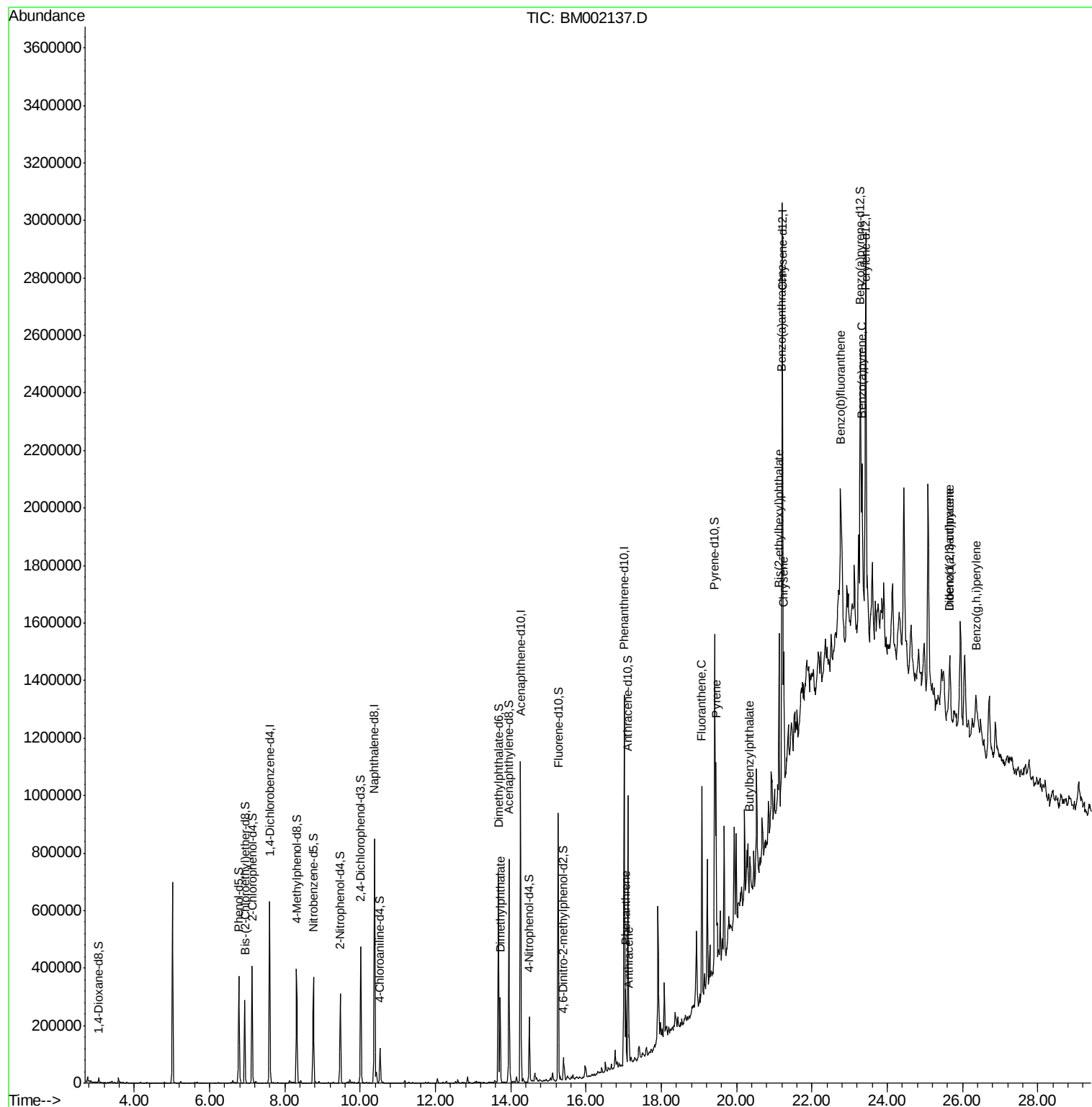
						Qvalue
45) Dimethylphthalate	13.72	163	188593	6.68	ng/ul	99
70) Phenanthrene	17.05	178	152613	3.81	ng/ul	99
72) Anthracene	17.14	178	63212	1.54	ng/ul	99
77) Fluoranthene	19.08	202	432270	9.35	ng/ul	98
80) Pyrene	19.44	202	425789	8.86	ng/ul	100
81) Butylbenzylphthalate	20.34	149	39253	2.14	ng/ul	91
83) Benzo(a)anthracene	21.20	228	265302	5.42	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.12	149	211797	7.53	ng/ul	100
85) Chrysene	21.25	228	259414	5.66	ng/ul	95
88) Benzo(b)fluoranthene	22.76	252	442319	8.53	ng/ul#	91
91) Benzo(a)pyrene	23.33	252	261589	5.23	ng/ul#	89
92) Indeno(1,2,3-cd)pyrene	25.66	276	193648	3.36	ng/ul	98
93) Dibenzo(a,h)anthracene	25.66	278	51895	1.05	ng/ul#	63
94) Benzo(g,h,i)perylene	26.35	276	192844	3.99	ng/ul#	91

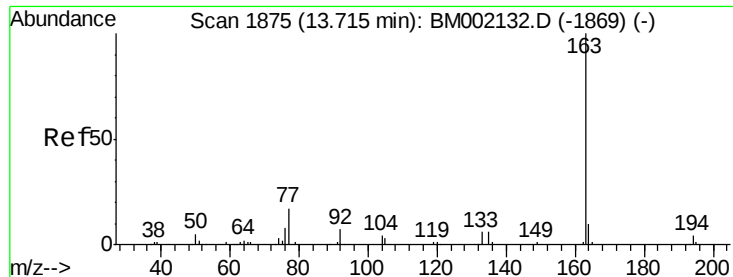
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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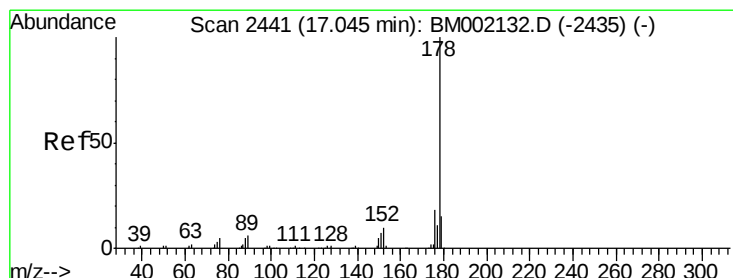
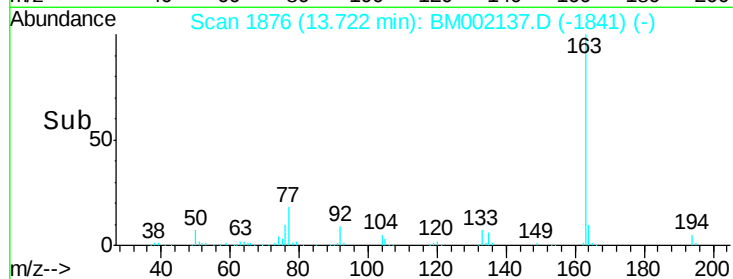
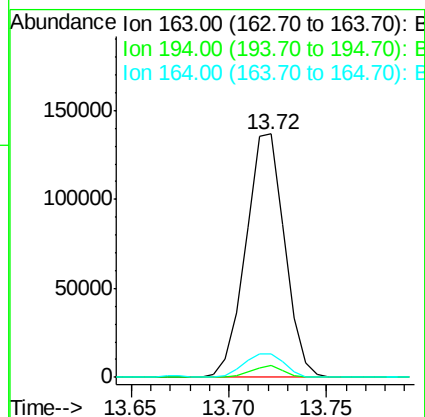
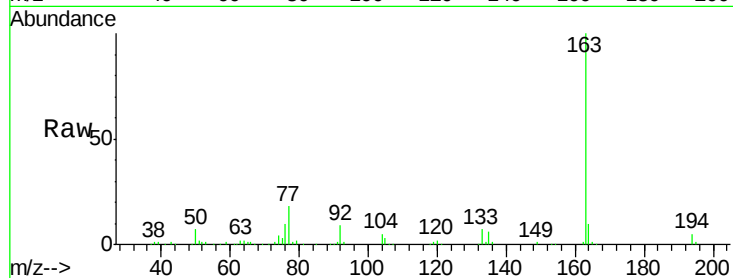




#45
Dimethylphthalate
Concen: 6.68 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM002137.D
Acq: 30 Jul 2015 15:28

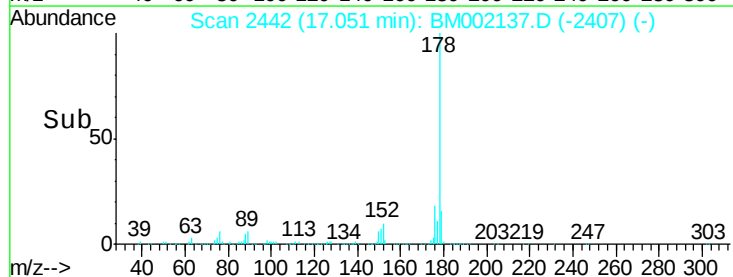
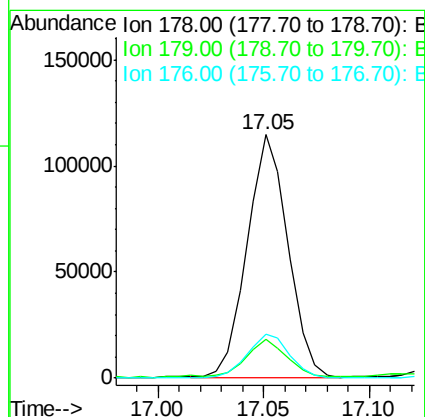
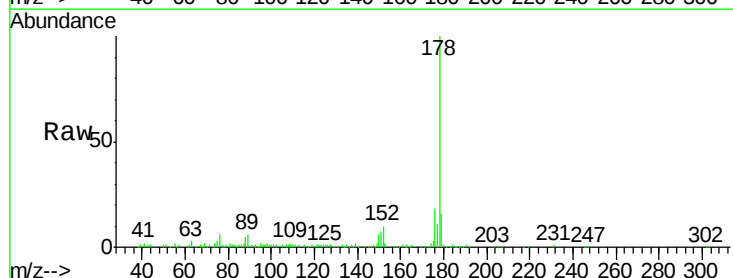
Instrument :
BNA_M
ClientSampleId :
C01N2RE

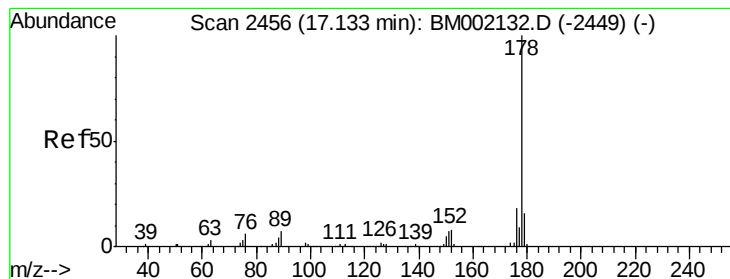
Tgt Ion:163 Resp: 188593
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 9.8 8.0 12.0



#70
Phenanthrene
Concen: 3.81 ng/ul
RT: 17.05 min Scan# 2442
Delta R.T. 0.01 min
Lab File: BM002137.D
Acq: 30 Jul 2015 15:28

Tgt Ion:178 Resp: 152613
Ion Ratio Lower Upper
178 100
179 16.1 12.5 18.7
176 18.2 14.2 21.4





#72

Anthracene

Concen: 1.54 ng/ul

RT: 17.14 min Scan# 2458

Delta R.T. 0.01 min

Lab File: BM002137.D

Acq: 30 Jul 2015 15:28

Instrument :

BNA_M

ClientSampleId :

C01N2RE

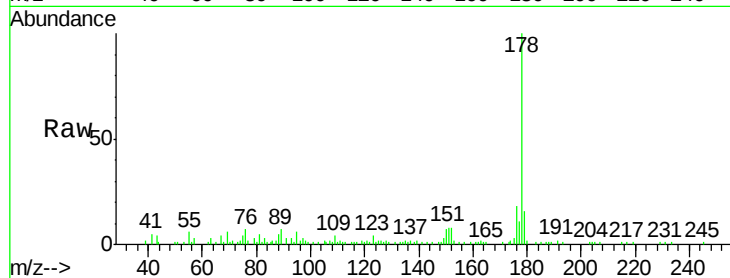
Tgt Ion:178 Resp: 63212

Ion Ratio Lower Upper

178 100

179 16.0 12.1 18.1

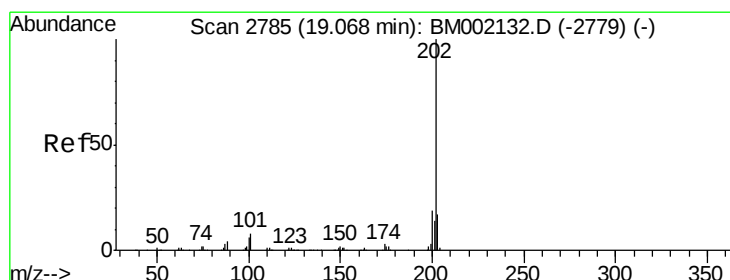
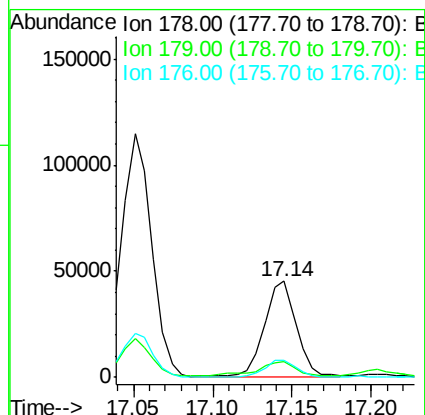
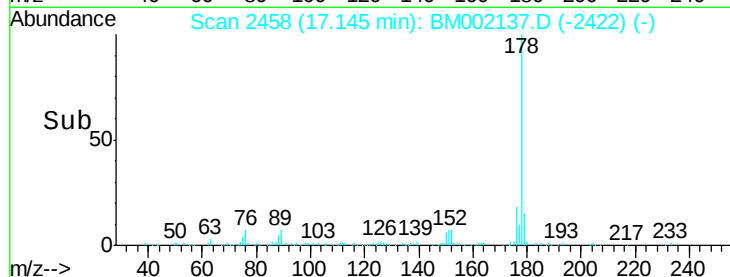
176 18.0 14.1 21.1



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: 9.35 ng/ul

RT: 19.08 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM002137.D

Acq: 30 Jul 2015 15:28

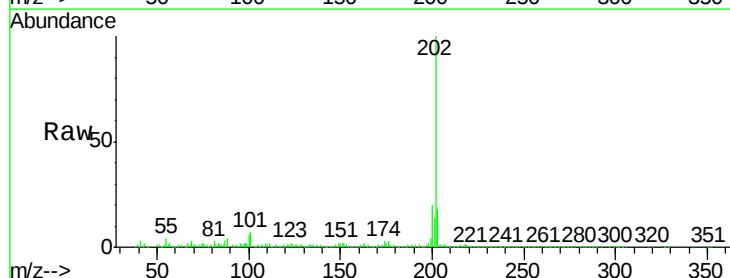
Tgt Ion:202 Resp: 432270

Ion Ratio Lower Upper

202 100

101 7.4 6.2 9.4

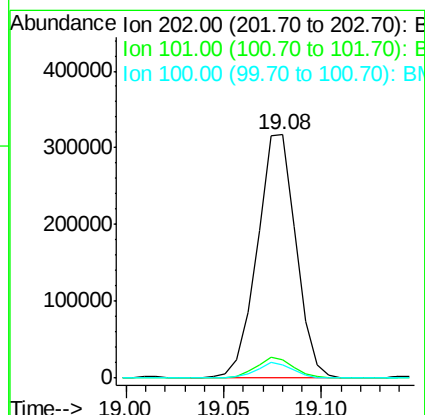
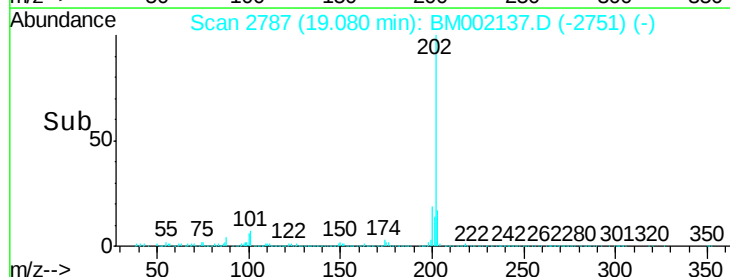
100 5.6 5.2 7.8

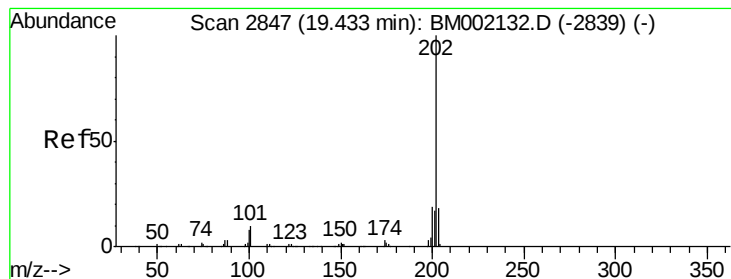


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

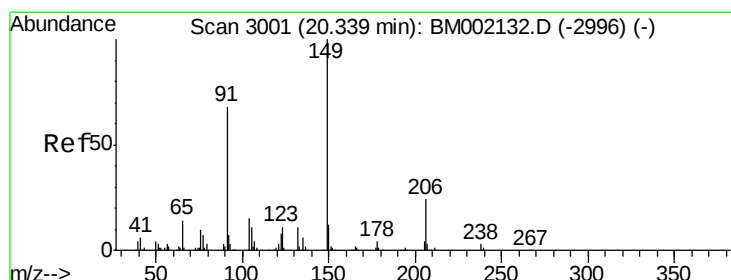
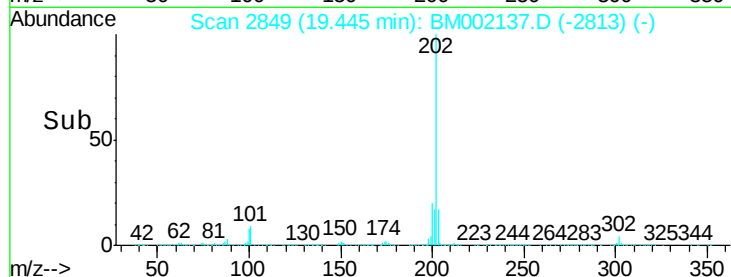
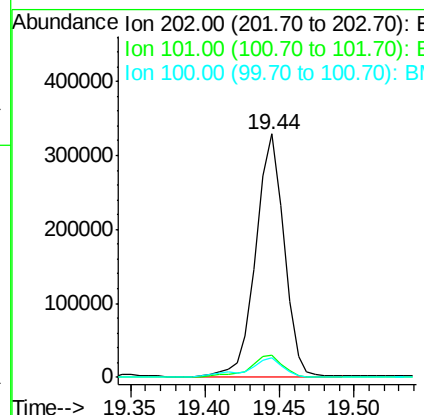
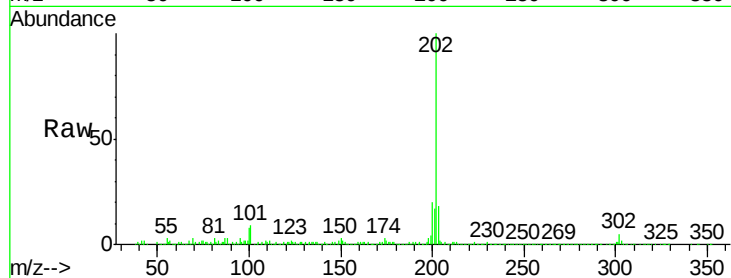




#80
 Pyrene
 Concen: 8.86 ng/ul
 RT: 19.44 min Scan# 2849
 Delta R.T. 0.01 min
 Lab File: BM002137.D
 Acq: 30 Jul 2015 15:28

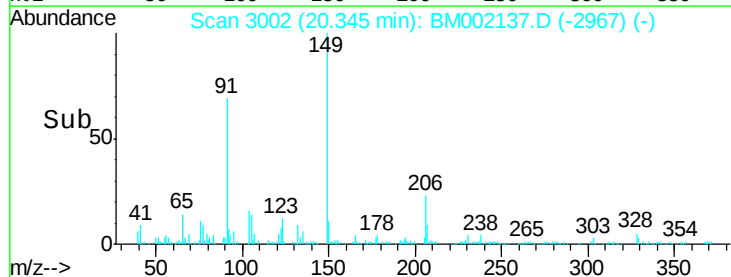
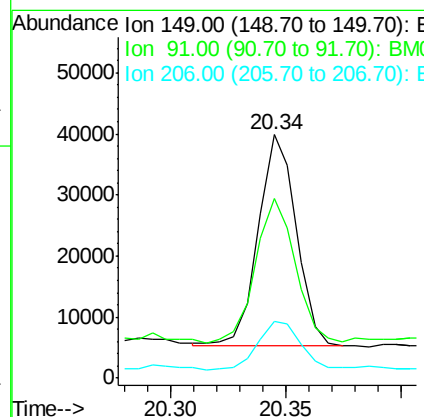
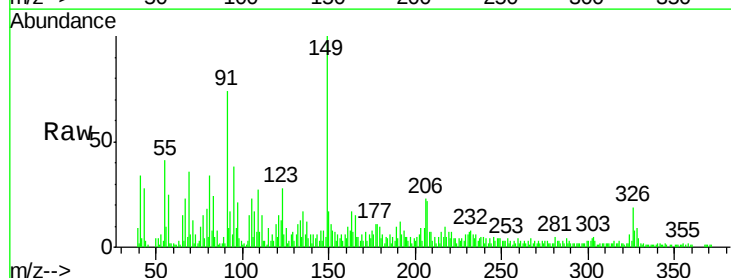
Instrument :
 BNA_M
 ClientSampleId :
 C01N2RE

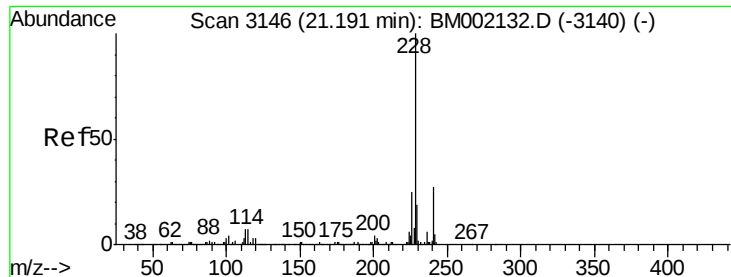
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.4	11.2
100	7.9	6.3	9.5



#81
 Butylbenzylphthalate
 Concen: 2.14 ng/ul
 RT: 20.34 min Scan# 3002
 Delta R.T. 0.01 min
 Lab File: BM002137.D
 Acq: 30 Jul 2015 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.9	52.4	78.6
206	23.4	19.9	29.9

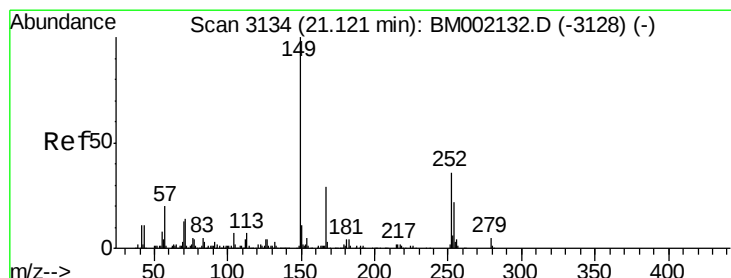
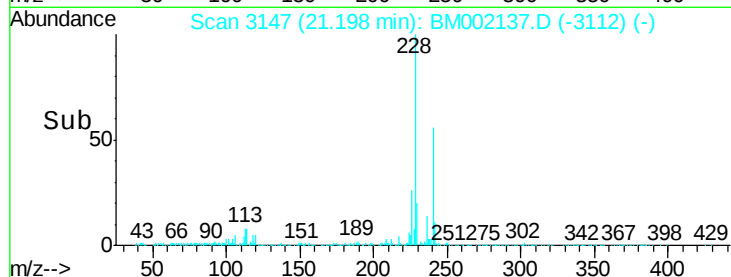
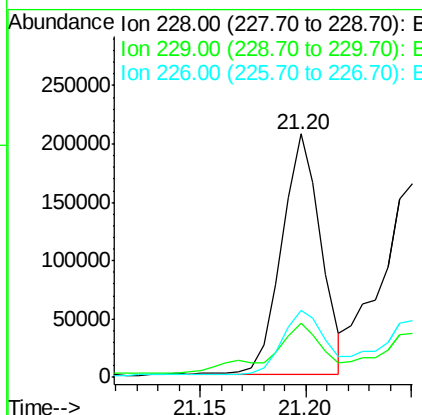
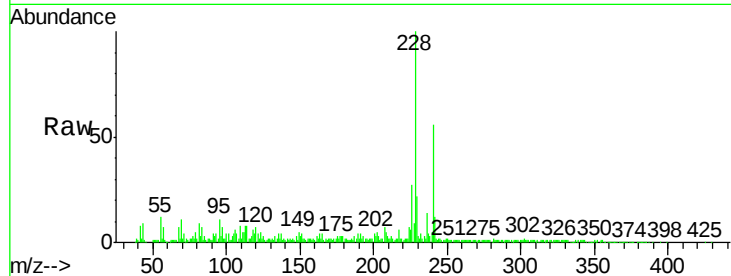




#83
Benzo(a)anthracene
Concen: 5.42 ng/ul
RT: 21.20 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BM002137.D
Acq: 30 Jul 2015 15:28

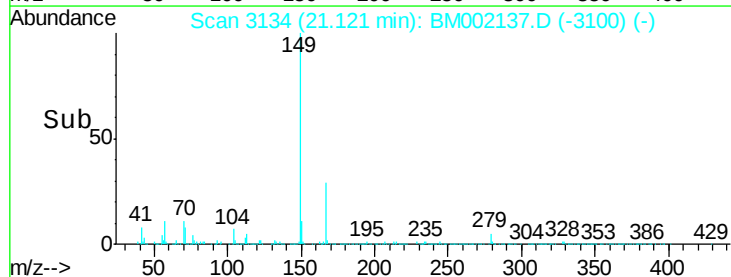
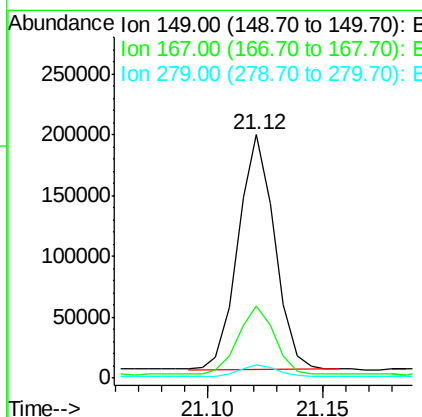
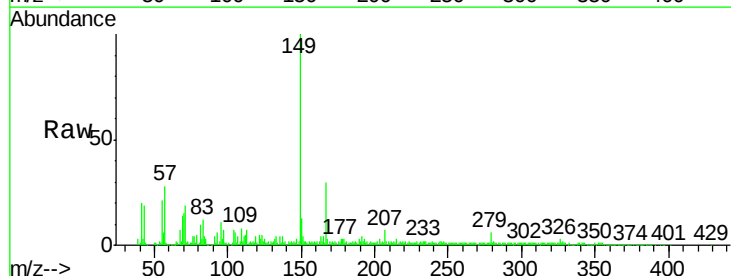
Instrument :
BNA_M
ClientSampled :
C01N2RE

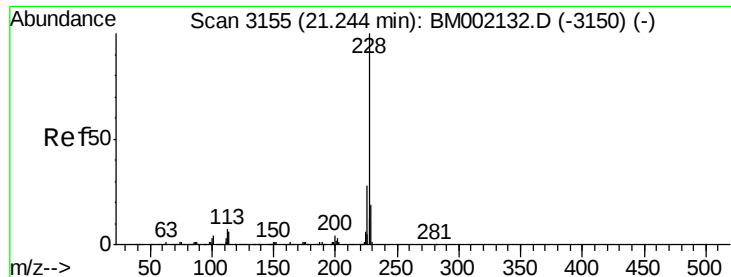
Tgt Ion:228 Resp: 265302
Ion Ratio Lower Upper
228 100
229 22.1 15.4 23.2
226 27.3 20.5 30.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.53 ng/ul
RT: 21.12 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BM002137.D
Acq: 30 Jul 2015 15:28

Tgt Ion:149 Resp: 211797
Ion Ratio Lower Upper
149 100
167 29.7 23.6 35.4
279 5.5 4.2 6.4





#85

Chrysene

Concen: 5.66 ng/ul

RT: 21.25 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BM002137.D

Acq: 30 Jul 2015 15:28

Instrument :

BNA_M

ClientSampleId :

C01N2RE

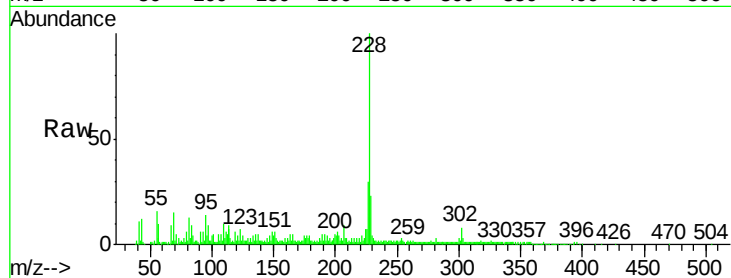
Tgt Ion:228 Resp: 259414

Ion Ratio Lower Upper

228 100

226 29.6 22.3 33.5

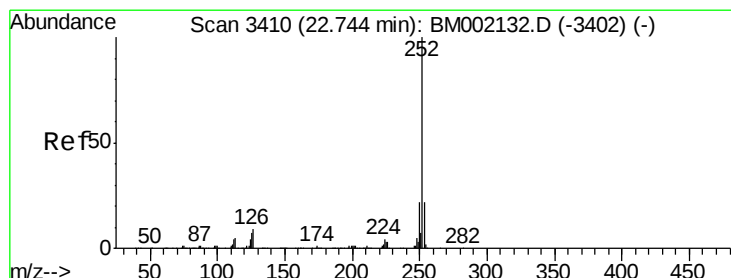
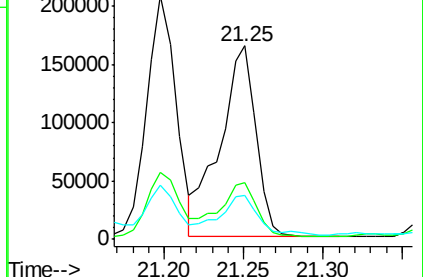
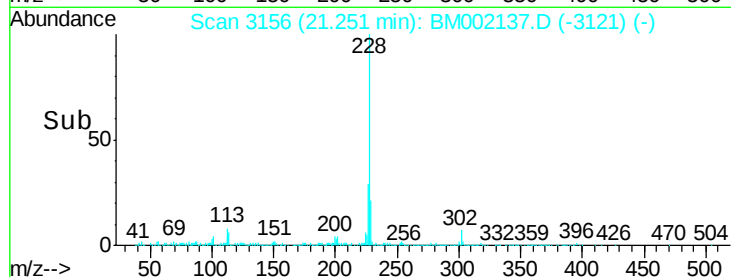
229 22.7 15.5 23.3



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: 8.53 ng/ul

RT: 22.76 min Scan# 3413

Delta R.T. 0.02 min

Lab File: BM002137.D

Acq: 30 Jul 2015 15:28

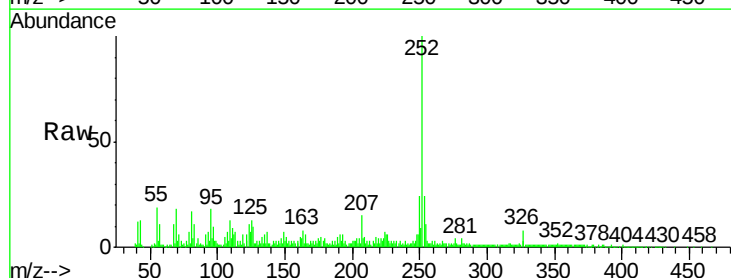
Tgt Ion:252 Resp: 442319

Ion Ratio Lower Upper

252 100

253 24.1 16.9 25.3

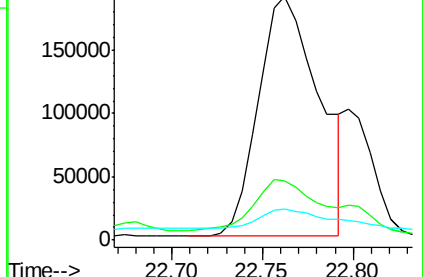
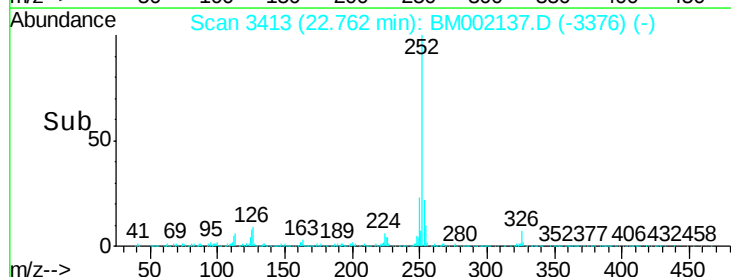
125 12.7 6.2 9.2#

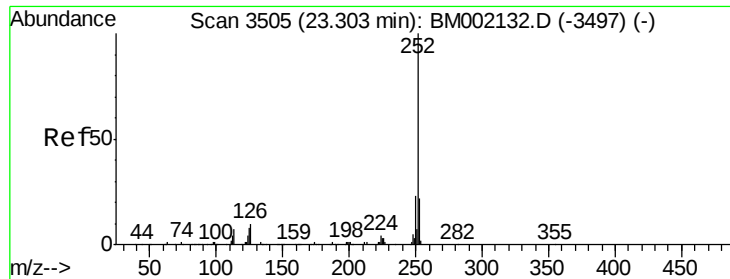


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 5.23 ng/ul

RT: 23.33 min Scan# 3509

Delta R.T. 0.02 min

Lab File: BM002137.D

Acq: 30 Jul 2015 15:28

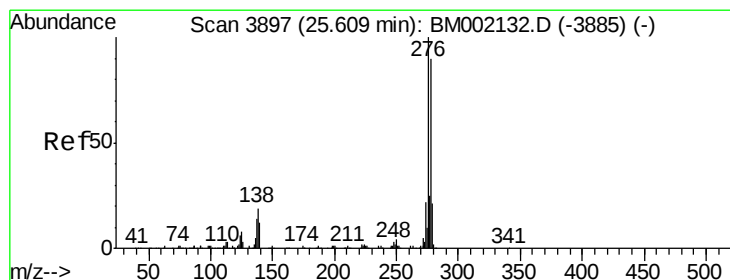
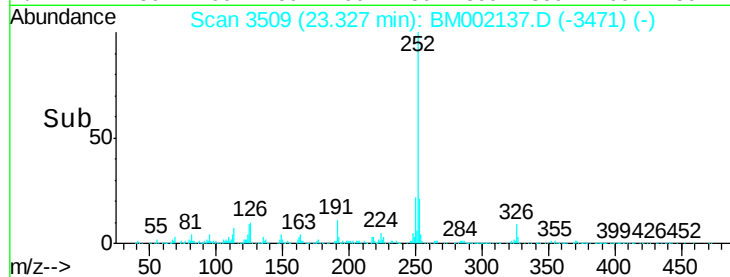
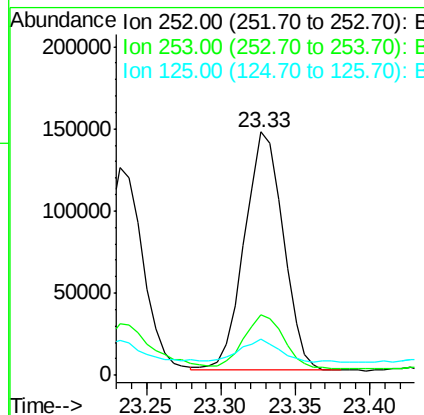
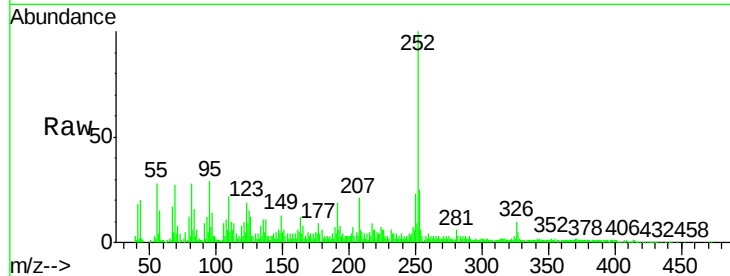
Instrument :

BNA_M

ClientSampleId :

C01N2RE

Tgt Ion:	252	Resp:	261589
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.2	25.8
125	14.9	6.6	10.0#



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.36 ng/ul

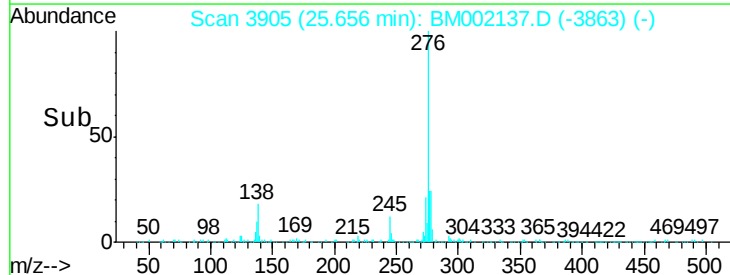
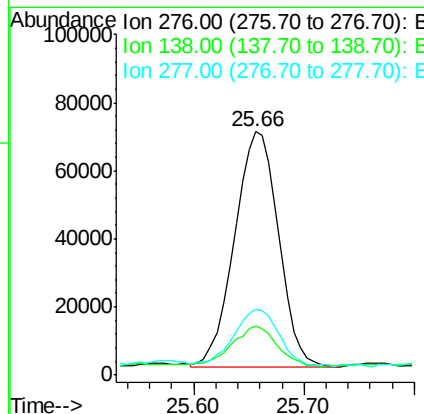
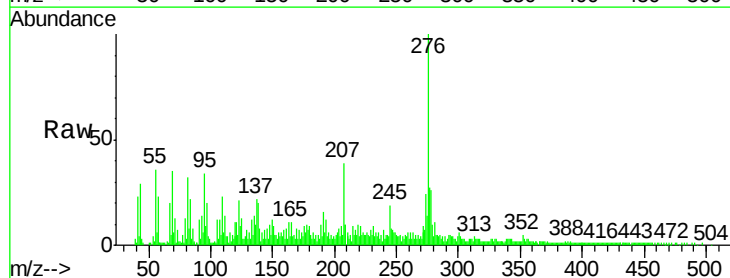
RT: 25.66 min Scan# 3905

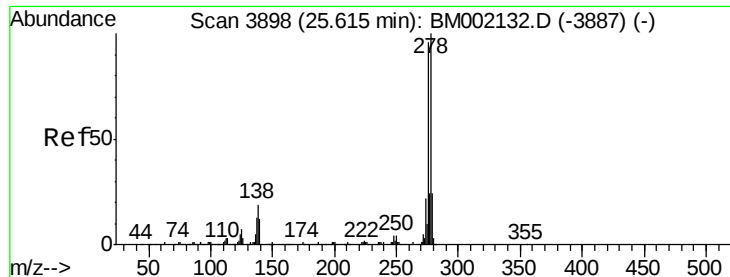
Delta R.T. 0.05 min

Lab File: BM002137.D

Acq: 30 Jul 2015 15:28

Tgt Ion:	276	Resp:	193648
Ion Ratio	Lower	Upper	
276	100		
138	19.9	16.2	24.2
277	26.8	19.8	29.8





#93

Dibenzo(a,h)anthracene

Concen: 1.05 ng/ul

RT: 25.66 min Scan# 3905

Delta R.T. 0.04 min

Lab File: BM002137.D

Acq: 30 Jul 2015 15:28

Instrument :

BNA_M

ClientSampleId :

C01N2RE

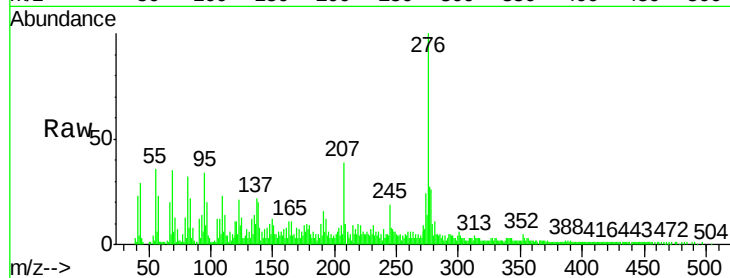
Tgt Ion:278 Resp: 51895

Ion Ratio Lower Upper

278 100

139 30.8 10.6 16.0#

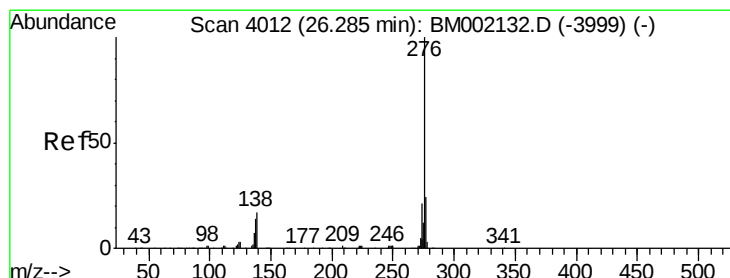
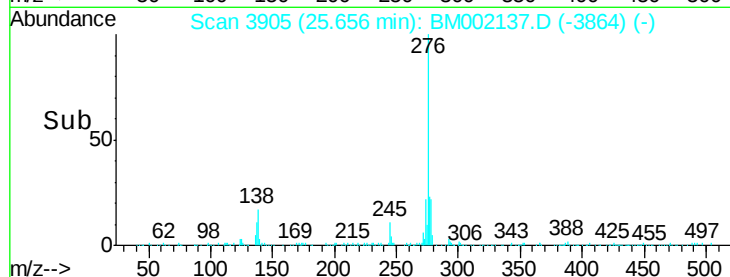
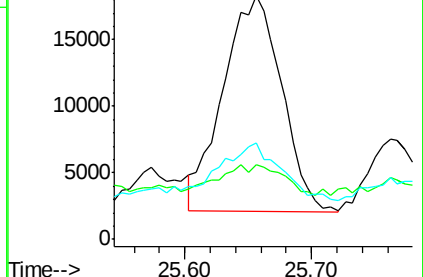
279 39.6 18.5 27.7#



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: 3.99 ng/ul

RT: 26.35 min Scan# 4023

Delta R.T. 0.07 min

Lab File: BM002137.D

Acq: 30 Jul 2015 15:28

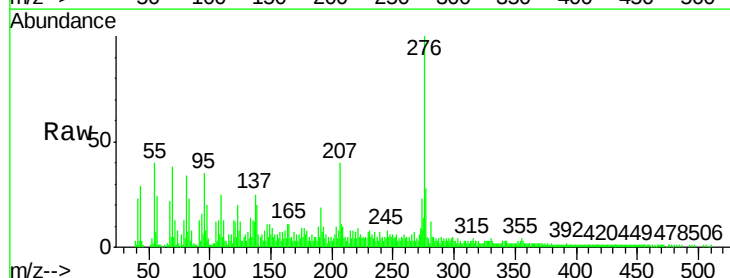
Tgt Ion:276 Resp: 192844

Ion Ratio Lower Upper

276 100

138 19.9 13.8 20.6

277 28.0 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

