

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002027.D
 Acq On : 23 Jul 2015 21:38
 Operator : TP/UM
 Sample : G3000-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02K3RE

Quant Time: Jul 24 01:34:53 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:29:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	82656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	308577	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	164591	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	352683	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	410645	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	418269	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	3855	2.28	ng/uL	0.00
5) Phenol-d5	6.79	99	79234	11.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	49258	13.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	72119	13.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	29962	5.41	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	33269	14.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	35394	13.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	64213	12.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	38311	7.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	207004	15.59	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	202986	12.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	26160	11.64	ng/ul	0.00
57) Fluorene-d10	15.27	176	137256	12.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	2582	1.13	ng/ul	0.00
70) Anthracene-d10	17.13	188	187527	11.33	ng/ul	0.00
78) Pyrene-d10	19.43	212	190964	10.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	163702	7.74	ng/ul	0.00

Target Compounds

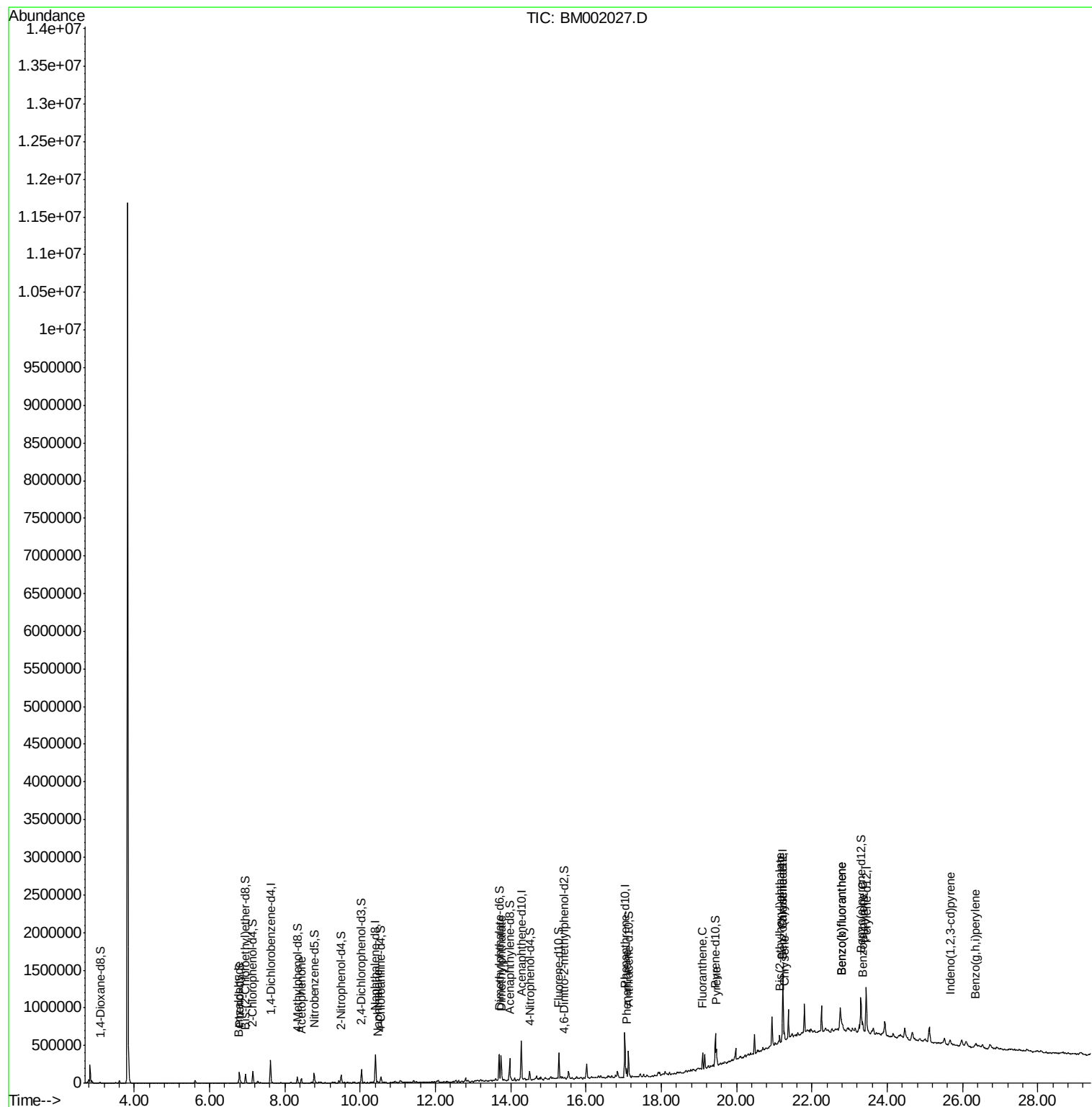
						Qvalue
4) Benzaldehyde	6.76	77	4048	1.24	ng/ul#	86
14) Acetophenone	8.44	105	30344	3.47	ng/ul	96
28) Naphthalene	10.46	128	17469	1.12	ng/ul	98
44) Dimethylphthalate	13.74	163	192408	14.25	ng/ul	98
69) Phenanthrene	17.07	178	69660	3.65	ng/ul	98
76) Fluoranthene	19.09	202	130351	5.84	ng/ul	100
79) Pyrene	19.46	202	125711	5.12	ng/ul	99
82) Benzo(a)anthracene	21.21	228	64671	2.65	ng/ul#	92
83) Bis(2-ethylhexyl)phthalate	21.14	149	36385	2.66	ng/ul#	94
84) Chrysene	21.26	228	82872	3.62	ng/ul#	94
87) Benzo(b)fluoranthene	22.77	252	109269	4.26	ng/ul#	86
88) Benzo(k)fluoranthene	22.77	252	65846	2.67	ng/ul#	87
90) Benzo(a)pyrene	23.34	252	67940	2.82	ng/ul#	83
91) Indeno(1,2,3-cd)pyrene	25.67	276	57258	2.26	ng/ul	96
93) Benzo(g,h,i)perylene	26.35	276	62020	2.99	ng/ul#	90

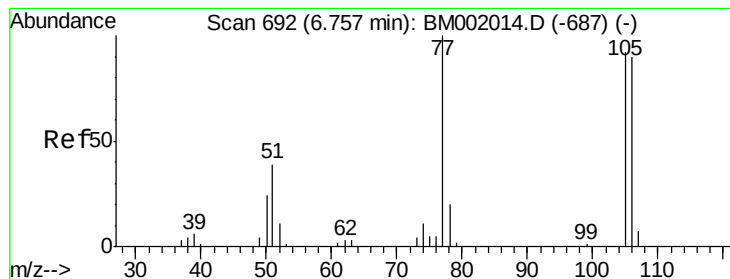
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.24 ng/ul

RT: 6.76 min Scan# 693

Delta R.T. 0.01 min

Lab File: BM002027.D

Acq: 23 Jul 2015 21:38

Instrument :

BNA_M

ClientSampleId :

C02K3RE

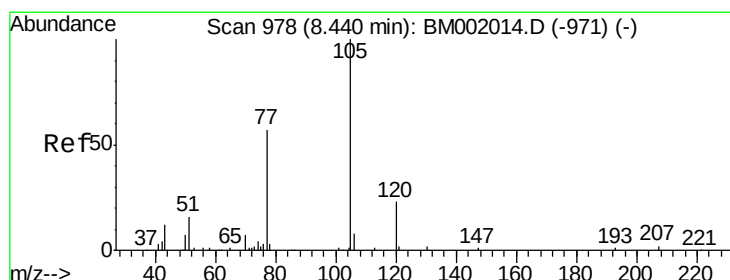
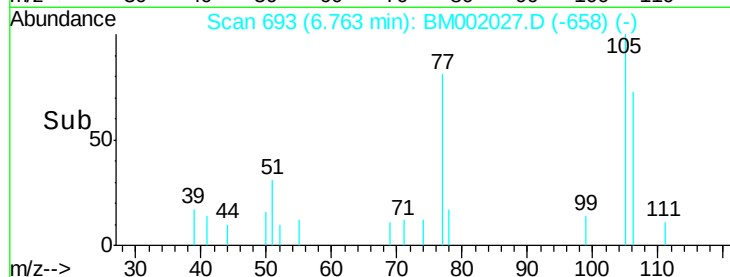
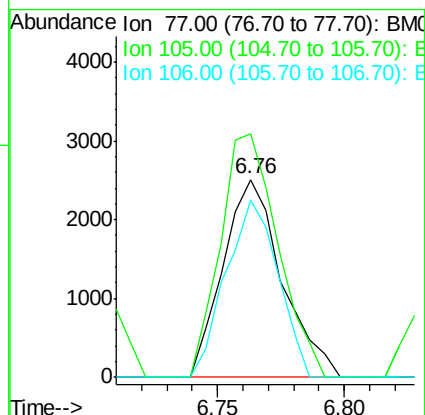
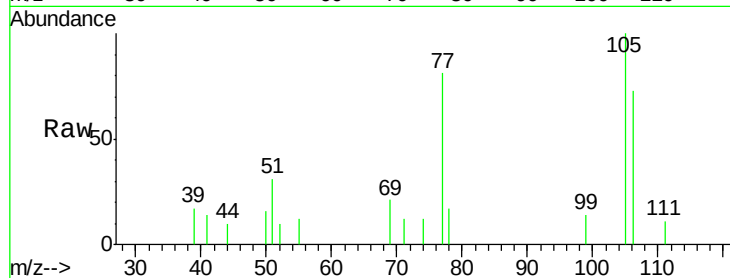
Tgt Ion: 77 Resp: 4048

Ion Ratio Lower Upper

77 100

105 122.9 80.7 121.1#

106 89.7 75.6 113.4



#14

Acetophenone

Concen: 3.47 ng/ul

RT: 8.44 min Scan# 978

Delta R.T. -0.00 min

Lab File: BM002027.D

Acq: 23 Jul 2015 21:38

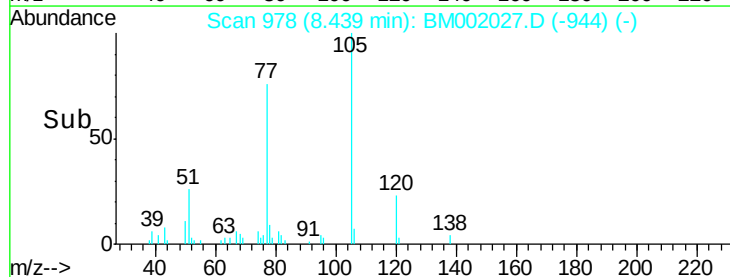
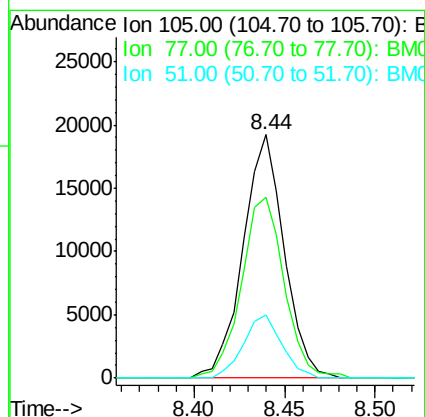
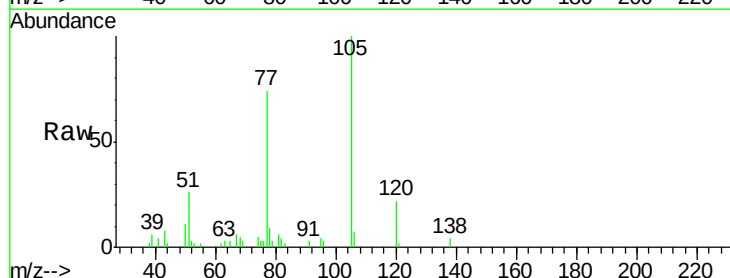
Tgt Ion: 105 Resp: 30344

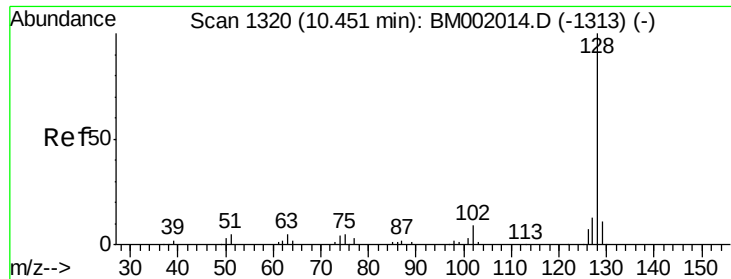
Ion Ratio Lower Upper

105 100

77 74.1 62.2 93.4

51 25.7 21.4 32.0

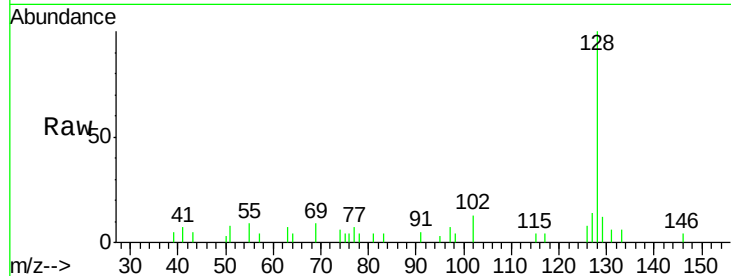




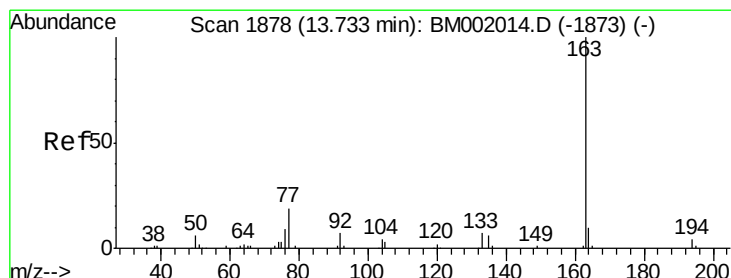
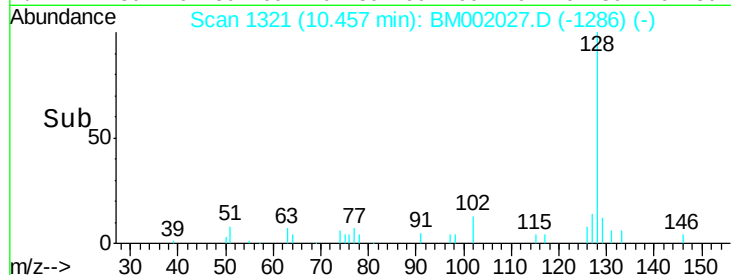
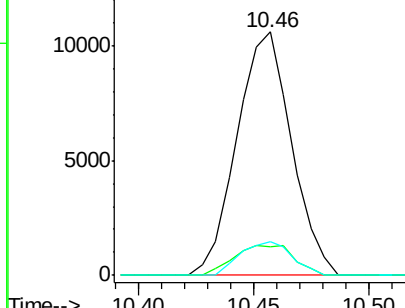
#28
Naphthalene
Concen: 1.12 ng/ul
RT: 10.46 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BM002027.D
Acq: 23 Jul 2015 21:38

Instrument :
BNA_M
ClientSampleId :
C02K3RE

Tgt Ion:128 Resp: 17469
Ion Ratio Lower Upper
128 100
129 12.0 8.6 13.0
127 13.6 10.4 15.6

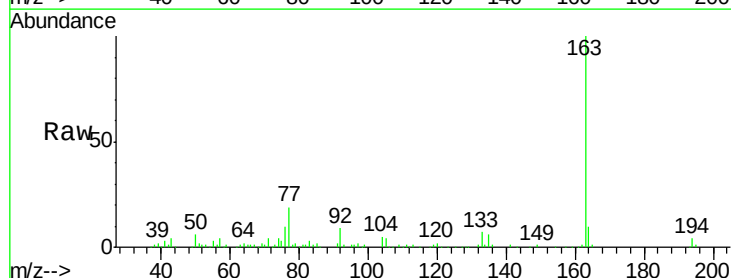


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

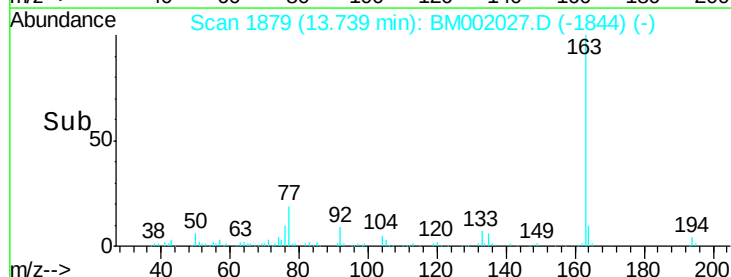
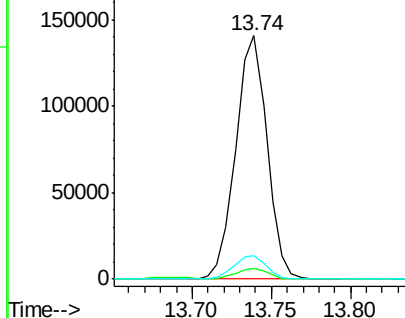


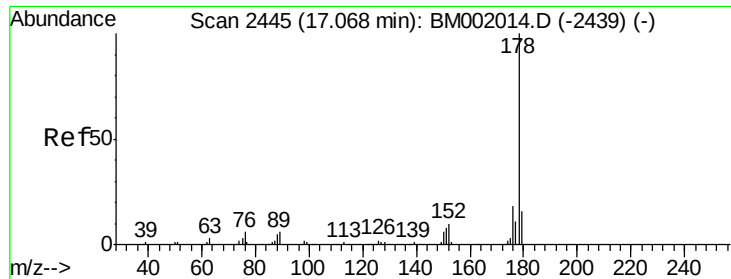
#44
Dimethylphthalate
Concen: 14.25 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. 0.01 min
Lab File: BM002027.D
Acq: 23 Jul 2015 21:38

Tgt Ion:163 Resp: 192408
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.5 8.2 12.4



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





#69

Phenanthrene

Concen: 3.65 ng/ul

RT: 17.07 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BM002027.D

Acq: 23 Jul 2015 21:38

Instrument :

BNA_M

ClientSampleId :

C02K3RE

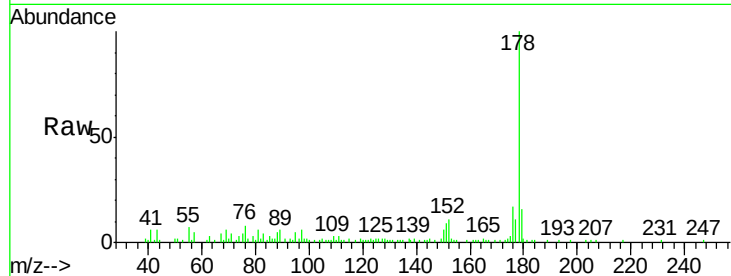
Tgt Ion:178 Resp: 69660

Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

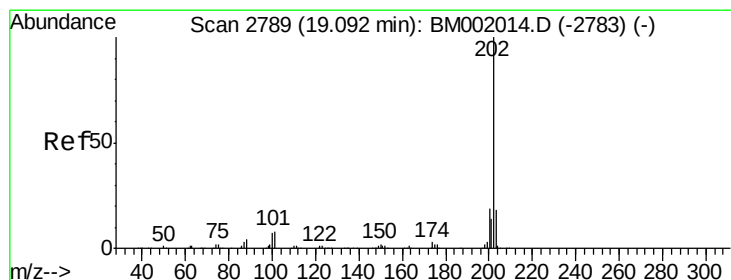
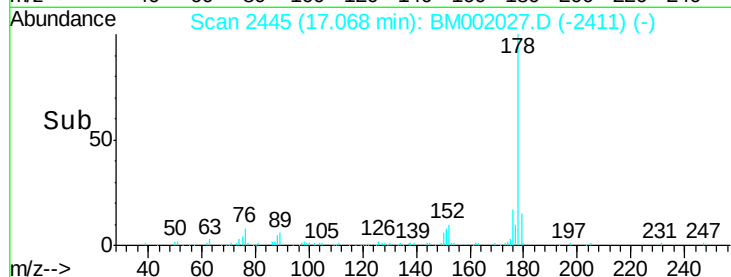
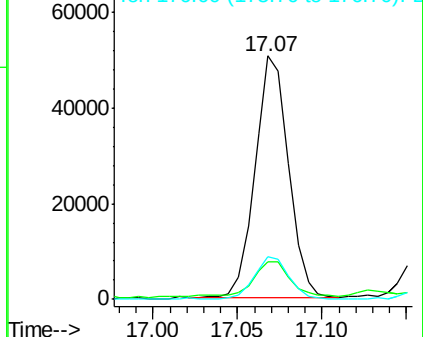
176 17.3 14.6 21.8



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



#76

Fluoranthene

Concen: 5.84 ng/ul

RT: 19.09 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM002027.D

Acq: 23 Jul 2015 21:38

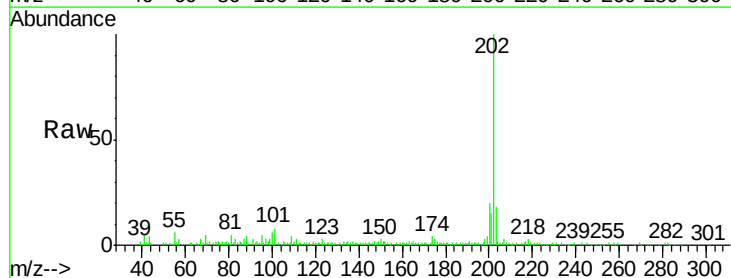
Tgt Ion:202 Resp: 130351

Ion Ratio Lower Upper

202 100

101 7.7 6.3 9.5

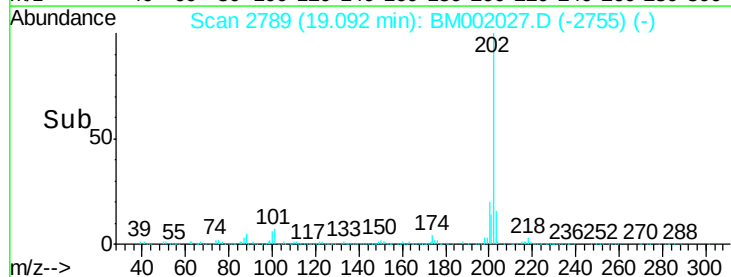
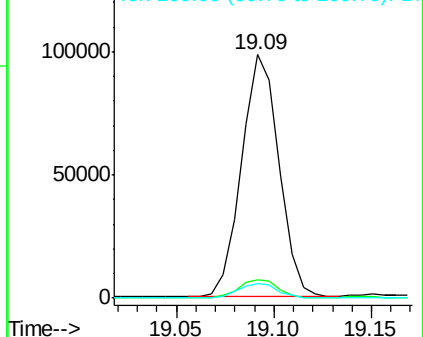
100 6.1 5.0 7.4

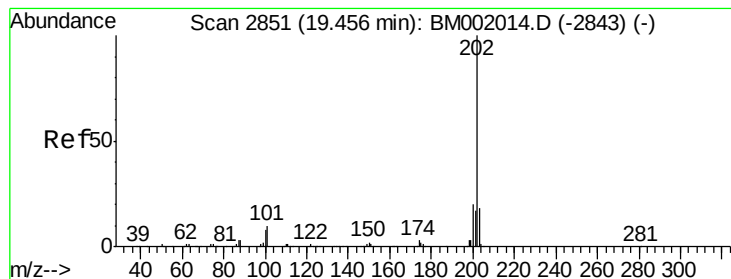


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 5.12 ng/ul

RT: 19.46 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BM002027.D

Acq: 23 Jul 2015 21:38

Instrument :

BNA_M

ClientSampleId :

C02K3RE

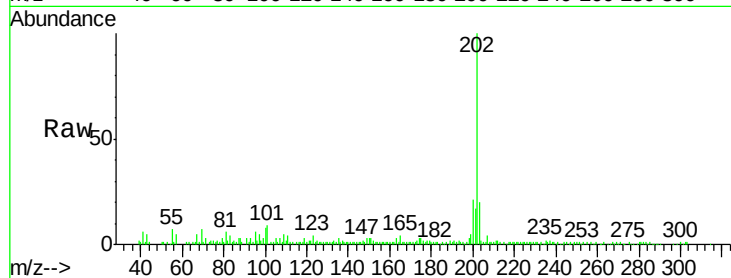
Tgt Ion:202 Resp: 125711

Ion Ratio Lower Upper

202 100

101 9.3 7.3 10.9

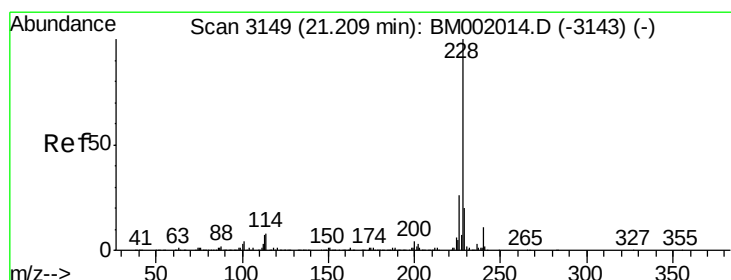
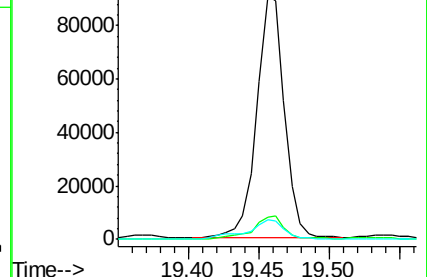
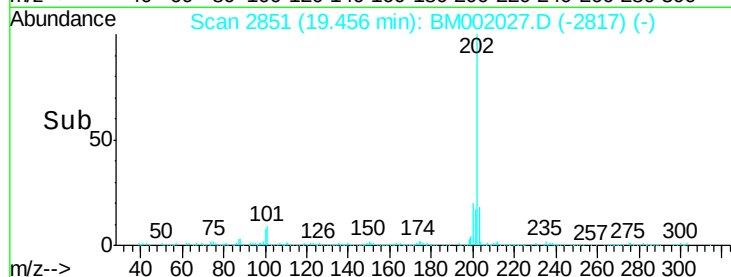
100 8.0 6.2 9.4



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



#82

Benzo(a)anthracene

Concen: 2.65 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BM002027.D

Acq: 23 Jul 2015 21:38

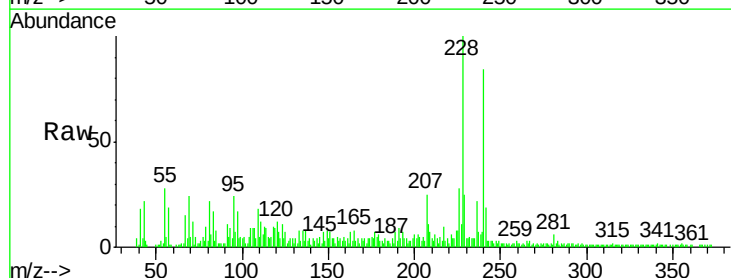
Tgt Ion:228 Resp: 64671

Ion Ratio Lower Upper

228 100

229 25.0 15.4 23.2#

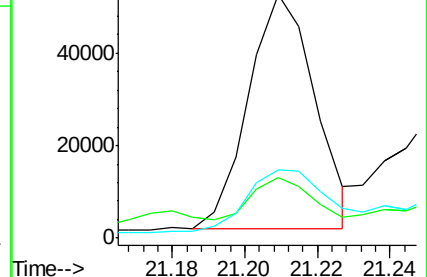
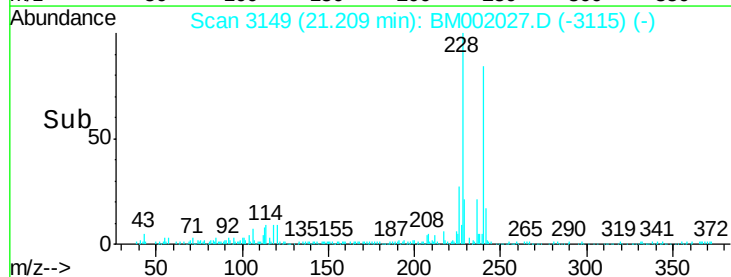
226 28.1 20.7 31.1

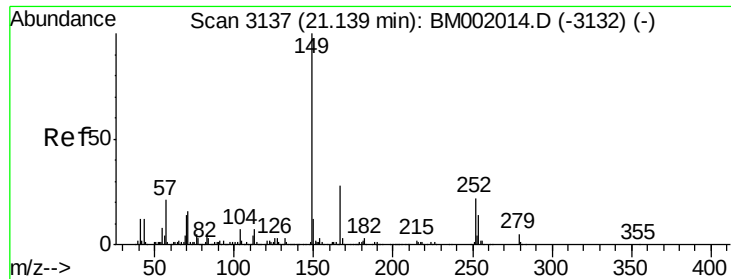


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

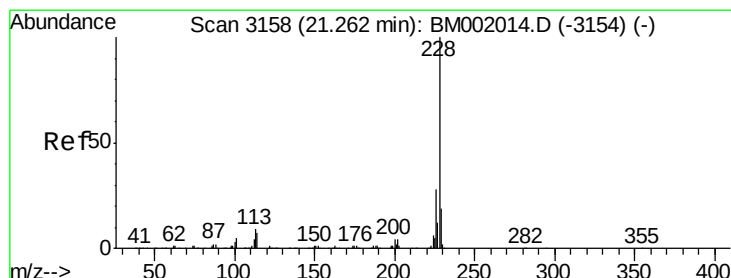
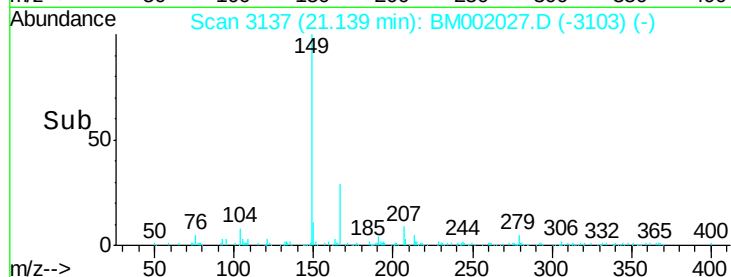
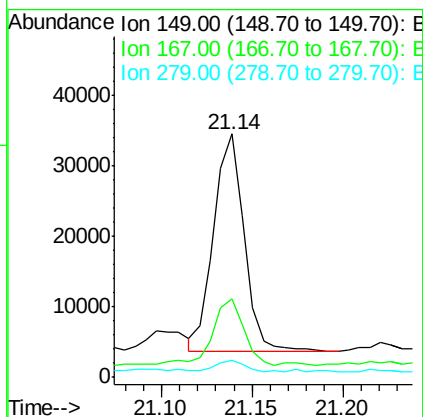
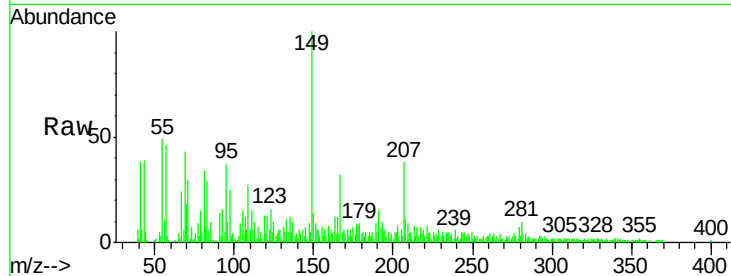




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.66 ng/ul
 RT: 21.14 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BM002027.D
 Acq: 23 Jul 2015 21:38

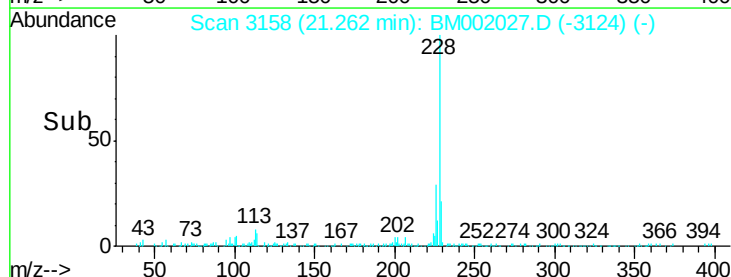
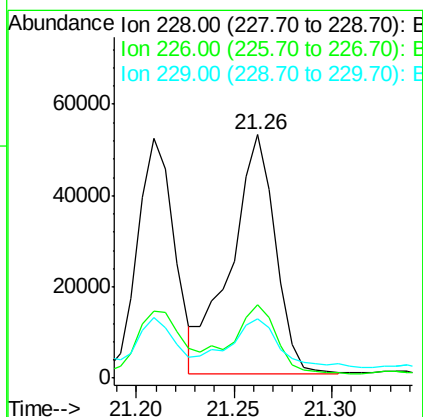
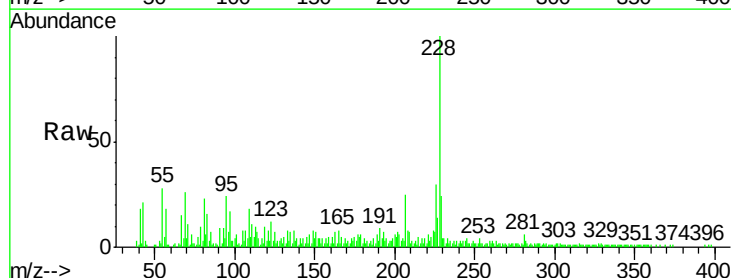
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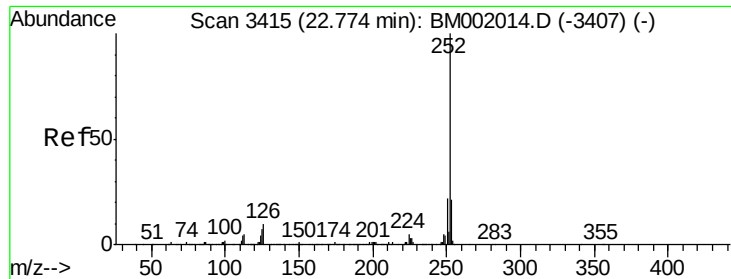
Tgt Ion:149 Resp: 36385
 Ion Ratio Lower Upper
 149 100
 167 32.3 23.2 34.8
 279 7.2 4.5 6.7#



#84
 Chrysene
 Concen: 3.62 ng/ul
 RT: 21.26 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BM002027.D
 Acq: 23 Jul 2015 21:38

Tgt Ion:228 Resp: 82872
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.0 34.4
 229 24.3 15.6 23.4#

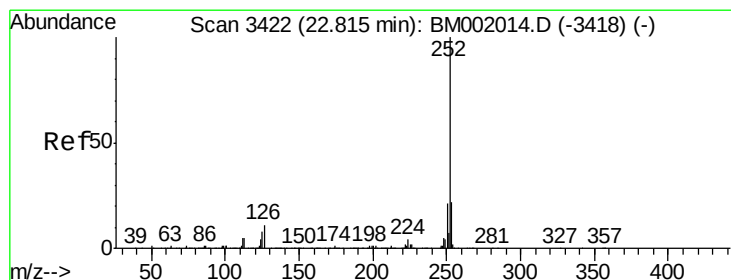
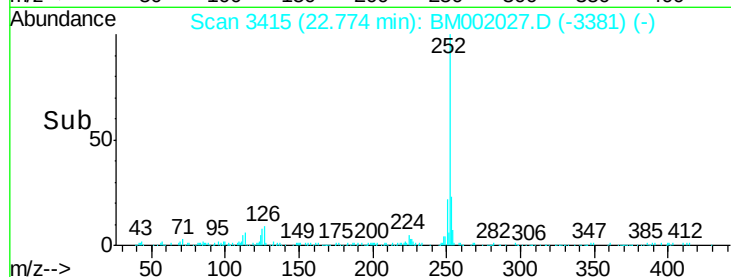
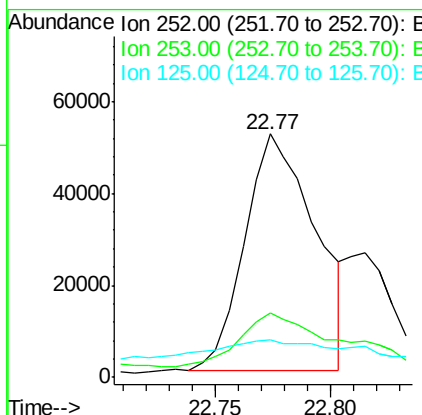
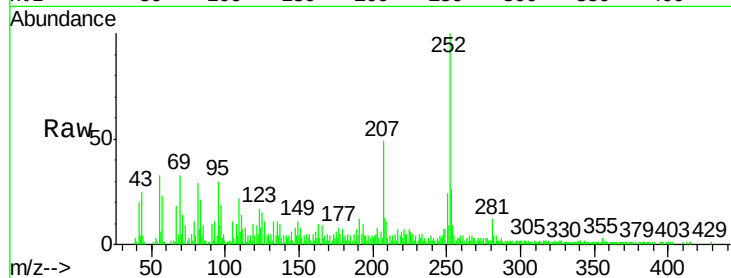




#87
Benzo(b)fluoranthene
Concen: 4.26 ng/ul
RT: 22.77 min Scan# 3415
Delta R.T. -0.00 min
Lab File: BM002027.D
Acq: 23 Jul 2015 21:38

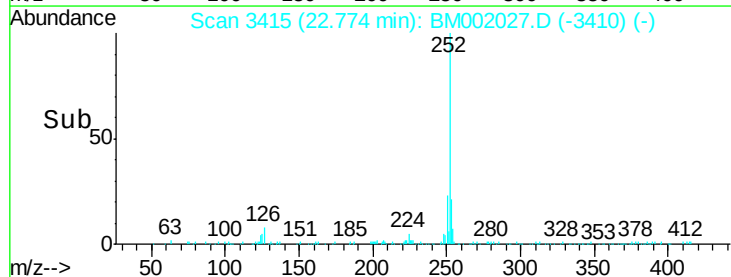
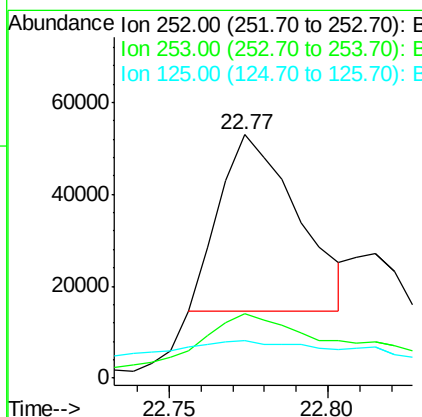
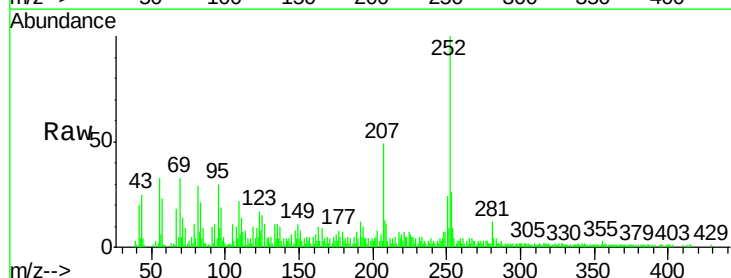
Instrument :
BNA_M
ClientSampleId :
C02K3RE

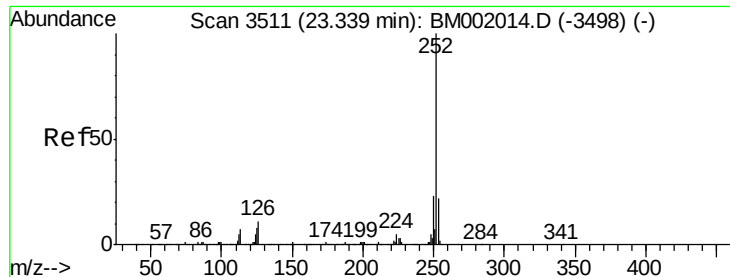
Tgt Ion:252 Resp: 109269
Ion Ratio Lower Upper
252 100
253 26.3 17.2 25.8#
125 15.2 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 2.67 ng/ul
RT: 22.77 min Scan# 3415
Delta R.T. -0.04 min
Lab File: BM002027.D
Acq: 23 Jul 2015 21:38

Tgt Ion:252 Resp: 65846
Ion Ratio Lower Upper
252 100
253 26.3 17.4 26.2#
125 15.2 5.1 7.7#





#90

Benzo(a)pyrene

Concen: 2.82 ng/ul

RT: 23.34 min Scan# 3511

Delta R.T. -0.00 min

Lab File: BM002027.D

Acq: 23 Jul 2015 21:38

Instrument :

BNA_M

ClientSampleId :

C02K3RE

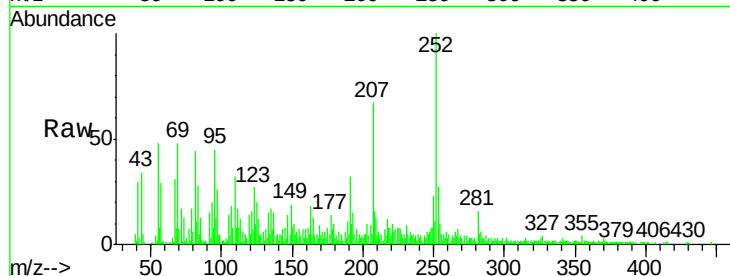
Tgt Ion:252 Resp: 67940

Ion Ratio Lower Upper

252 100

253 26.9 17.6 26.4#

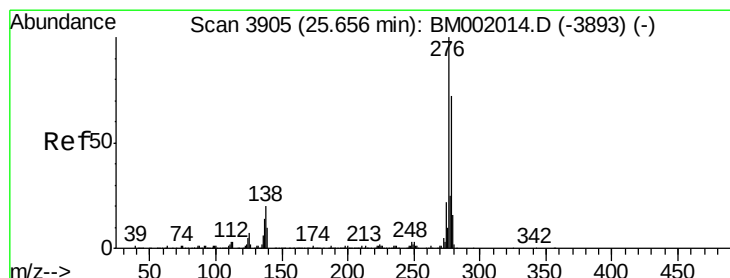
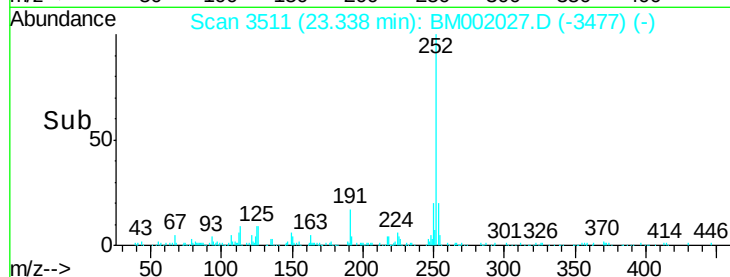
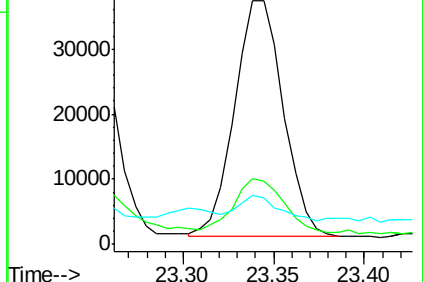
125 20.0 6.0 9.0#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.26 ng/ul

RT: 25.67 min Scan# 3907

Delta R.T. 0.01 min

Lab File: BM002027.D

Acq: 23 Jul 2015 21:38

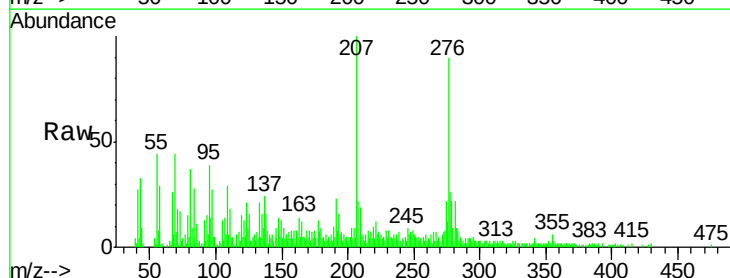
Tgt Ion:276 Resp: 57258

Ion Ratio Lower Upper

276 100

138 18.2 15.2 22.8

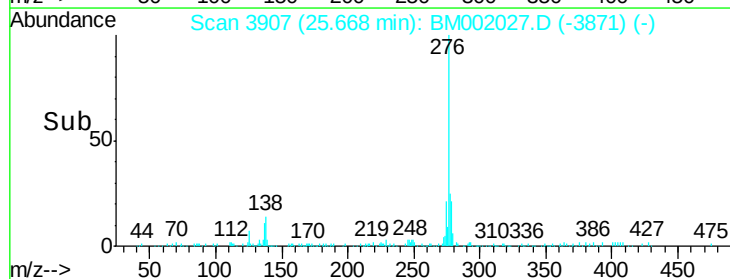
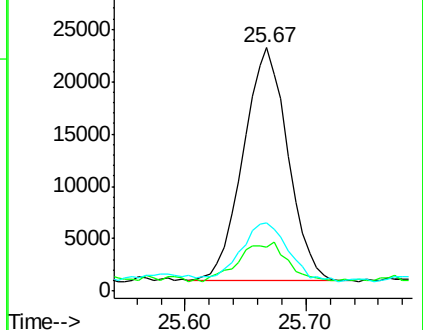
277 28.2 20.1 30.1

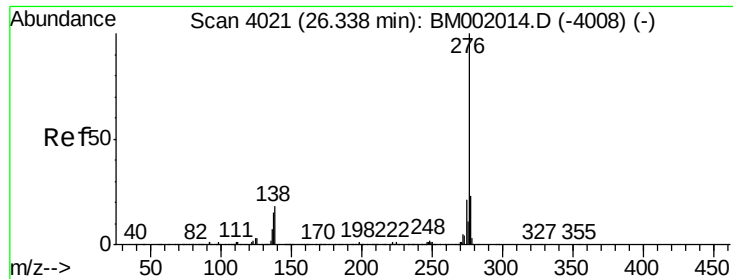


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 2.99 ng/ul

RT: 26.35 min Scan# 4023

Delta R.T. 0.01 min

Lab File: BM002027.D

Acq: 23 Jul 2015 21:38

Instrument :

BNA_M

ClientSampleId :

C02K3RE

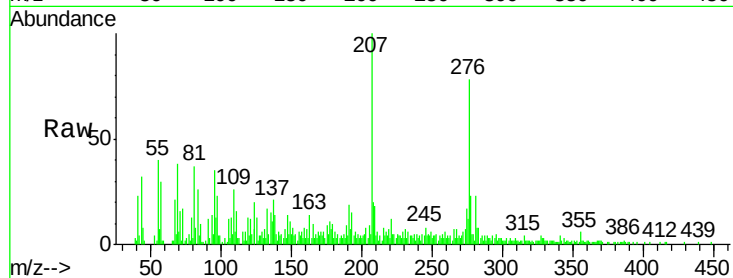
Tgt Ion: 276 Resp: 62020

Ion Ratio Lower Upper

276 100

138 18.0 12.7 19.1

277 29.7 18.6 28.0#



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

