

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007101.D
 Acq On : 14 Aug 2016 11:01
 Operator : UM/SJ
 Sample : H4387-17
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS004-1218-01

Quant Time: Aug 15 10:26:16 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 00:47:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	295664	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1194466	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	688022	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1631909	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2051628	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2224888	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.32	96	34013	5.03	ng/uL	0.00
5) Phenol-d5	6.97	99	691115	28.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	403479	29.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	561416	29.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	507443	25.75	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	271161	31.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	307826	33.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	575119	29.62	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	639234	27.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1744154	30.68	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2158752	31.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	277697	27.25	ng/ul	0.00
57) Fluorene-d10	15.43	176	1548490	31.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	232244	25.75	ng/ul	0.00
70) Anthracene-d10	17.28	188	2368123	31.32	ng/ul	0.00
76) Pyrene-d10	19.57	212	2887525	33.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3328612	32.71	ng/ul	-0.01

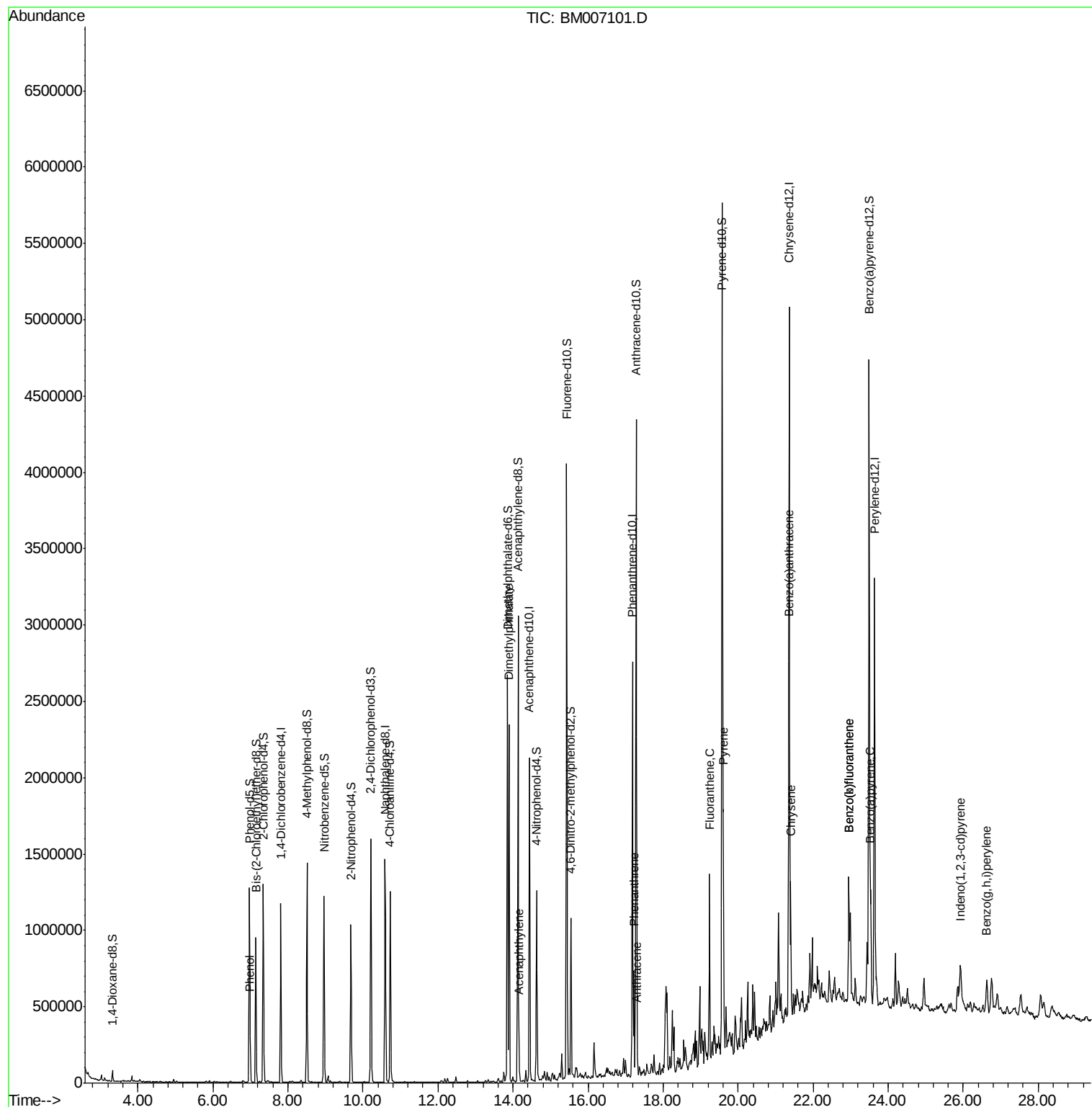
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.00	94	53773	2.13	ng/ul	95
44) Dimethylphthalate	13.90	163	1403399	24.70	ng/ul	100
47) Acenaphthylene	14.16	152	113000	1.61	ng/ul	97
69) Phenanthrene	17.22	178	413535	4.71	ng/ul	98
71) Anthracene	17.32	178	96753	1.07	ng/ul	98
74) Fluoranthene	19.24	202	663903	6.24	ng/ul	99
77) Pyrene	19.60	202	928589	8.19	ng/ul	99
80) Benzo(a)anthracene	21.34	228	468001	3.86	ng/ul	93
82) Chrysene	21.40	228	509175	4.60	ng/ul	95
85) Benzo(b)fluoranthene	22.95	252	572385	4.27	ng/ul	98
86) Benzo(k)fluoranthene	22.95	252	572385	4.55	ng/ul	99
88) Benzo(a)pyrene	23.54	252	455263	3.58	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.93	276	300274	1.93	ng/ul	99
91) Benzo(g,h,i)perylene	26.63	276	289378	2.20	ng/ul	98

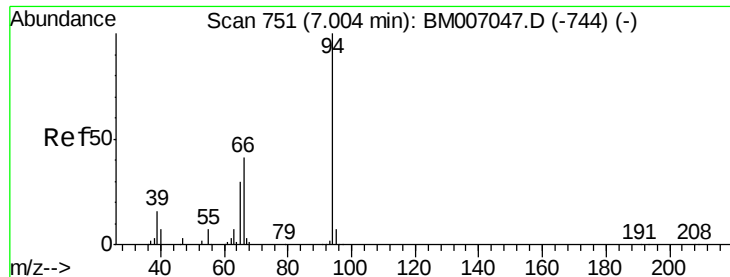
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 00:47:53 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.13 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. -0.01 min

Lab File: BM007101.D

Acq: 14 Aug 2016 11:01

Instrument :

BNA_M

ClientSampleId :

P003-SS004-1218-01

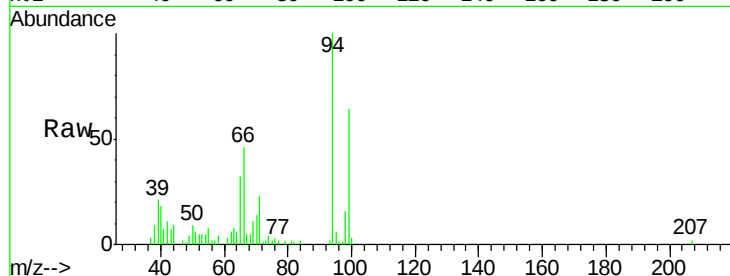
Tgt Ion: 94 Resp: 53773

Ion Ratio Lower Upper

94 100

65 32.0 23.9 35.9

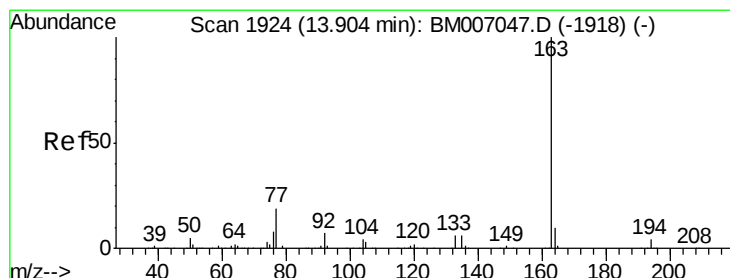
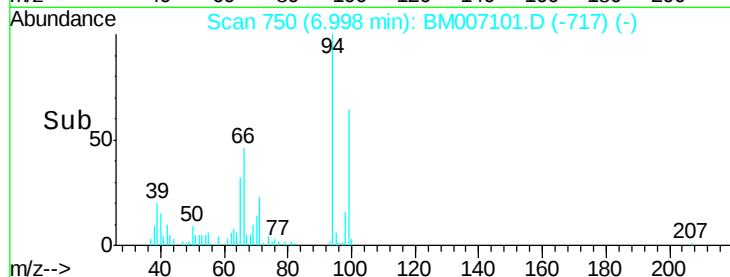
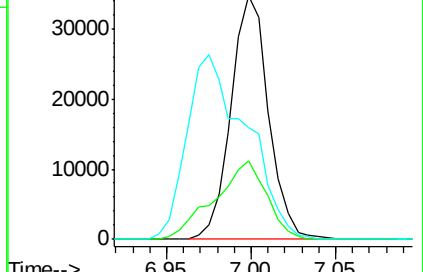
66 45.9 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007047.D (-744) (-)

Ion 65.00 (64.70 to 65.70): BM007047.D (-744) (-)

Ion 66.00 (65.70 to 66.70): BM007047.D (-744) (-)



#44

Dimethylphthalate

Concen: 24.70 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM007101.D

Acq: 14 Aug 2016 11:01

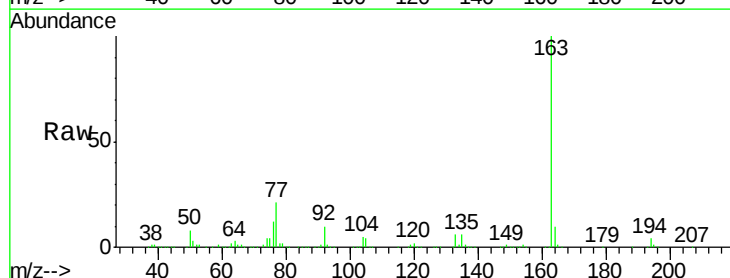
Tgt Ion: 163 Resp: 1403399

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

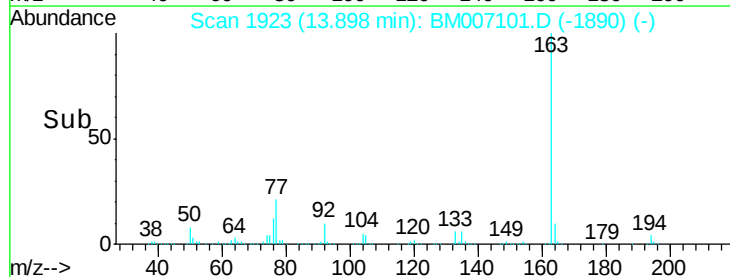
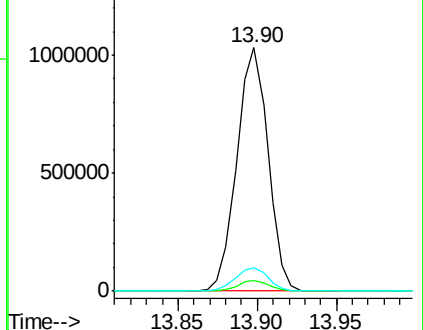
164 9.9 7.8 11.8

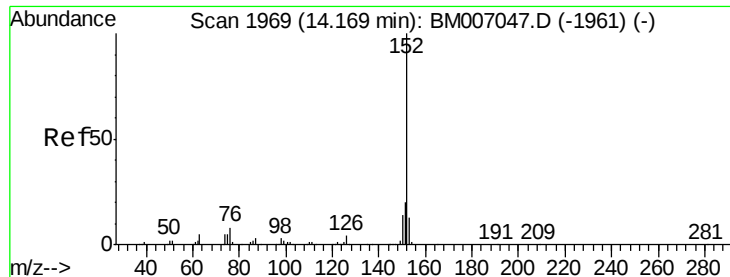


Abundance Ion 163.00 (162.70 to 163.70): BM007047.D (-1918) (-)

Ion 194.00 (193.70 to 194.70): BM007047.D (-1918) (-)

Ion 164.00 (163.70 to 164.70): BM007047.D (-1918) (-)





#47

Acenaphthylene

Concen: 1.61 ng/ul

RT: 14.16 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BM007101.D

Acq: 14 Aug 2016 11:01

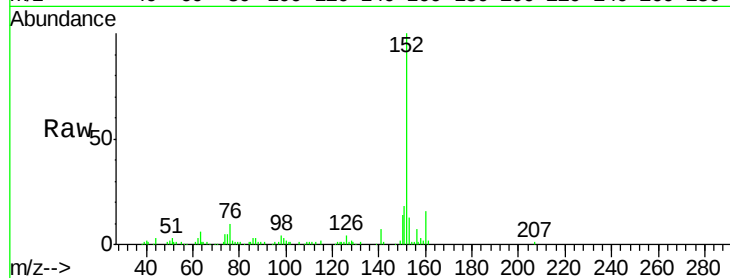
Instrument :

BNA_M

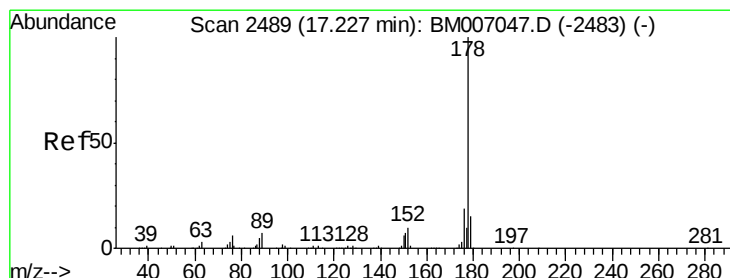
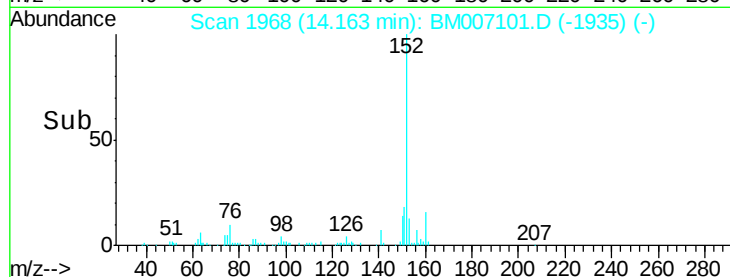
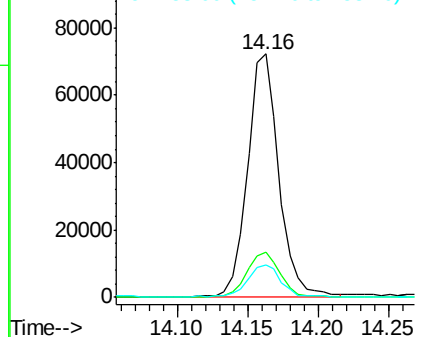
ClientSampleId :

P003-SS004-1218-01

Tgt Ion:	152	Resp:	113000
Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.0	24.0
153	13.2	11.0	16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 4.71 ng/ul

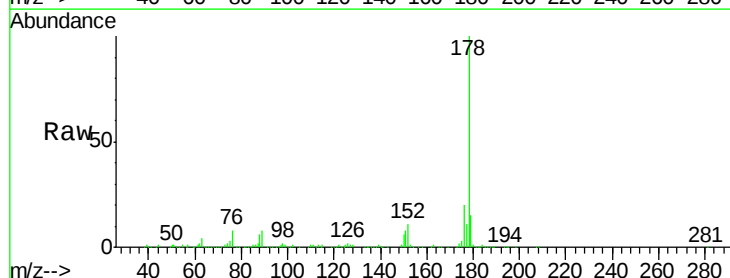
RT: 17.22 min Scan# 2488

Delta R.T. -0.01 min

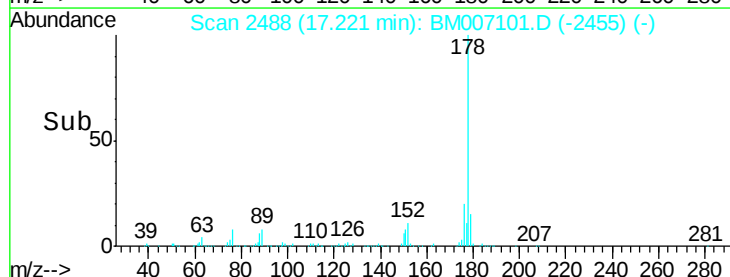
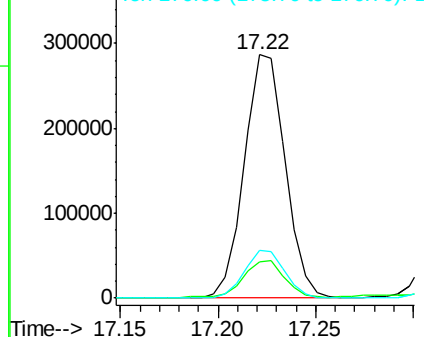
Lab File: BM007101.D

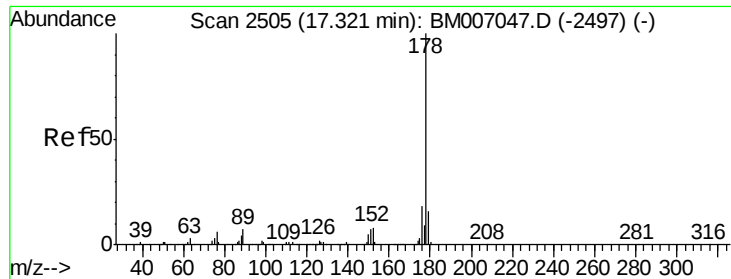
Acq: 14 Aug 2016 11:01

Tgt Ion:	178	Resp:	413535
Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.2
176	19.8	15.1	22.7



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

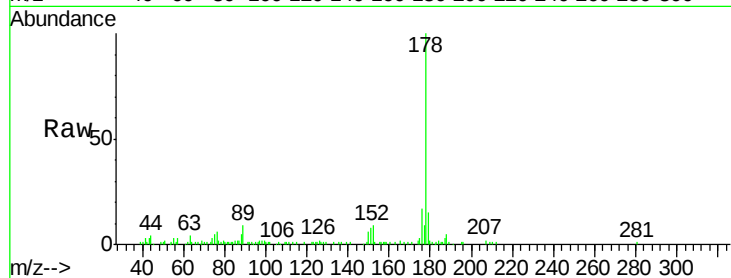




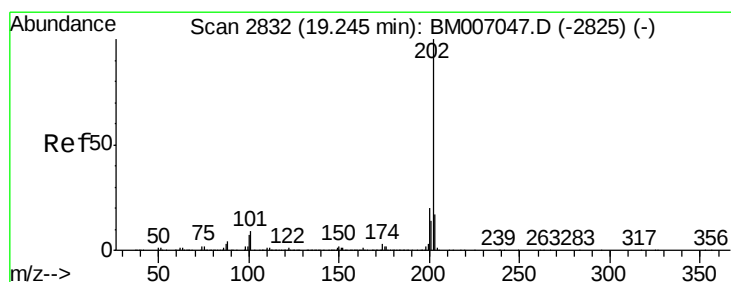
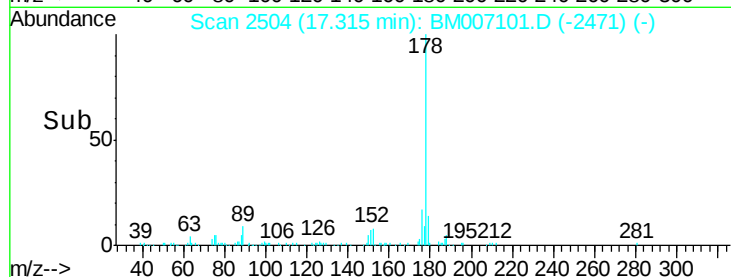
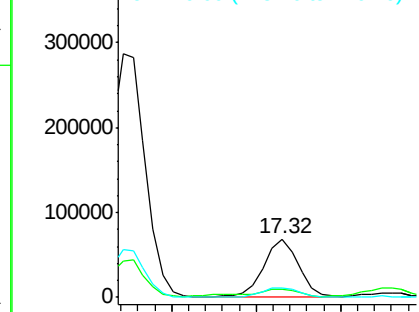
#71
 Anthracene
 Concen: 1.07 ng/ul
 RT: 17.32 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BM007101.D
 Acq: 14 Aug 2016 11:01

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS004-1218-01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.1	18.1
176	17.1	14.5	21.7

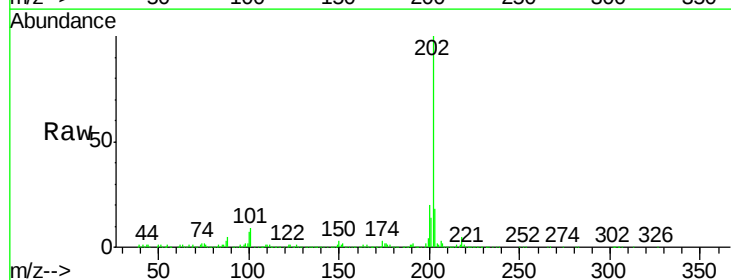


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

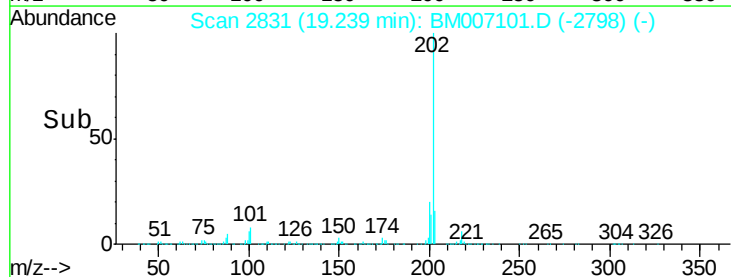
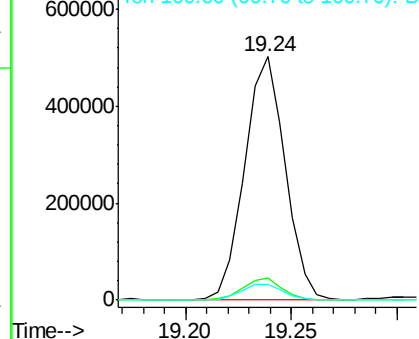


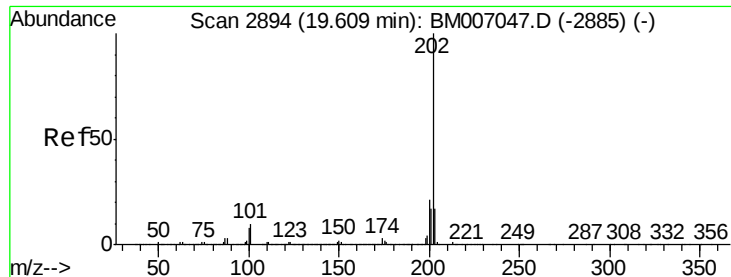
#74
 Fluoranthene
 Concen: 6.24 ng/ul
 RT: 19.24 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM007101.D
 Acq: 14 Aug 2016 11:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.9	10.3
100	6.7	5.4	8.0



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

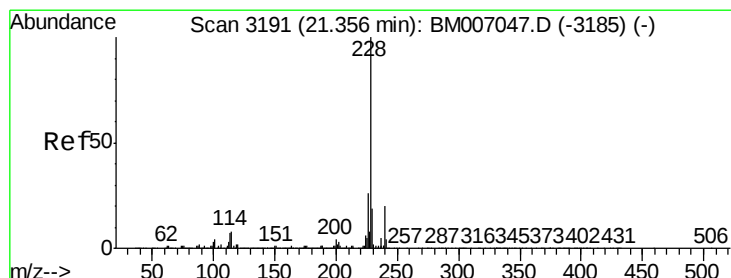
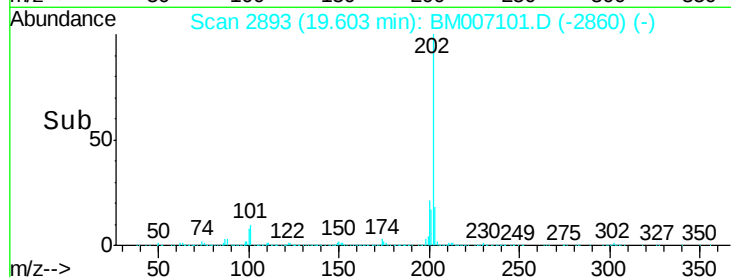
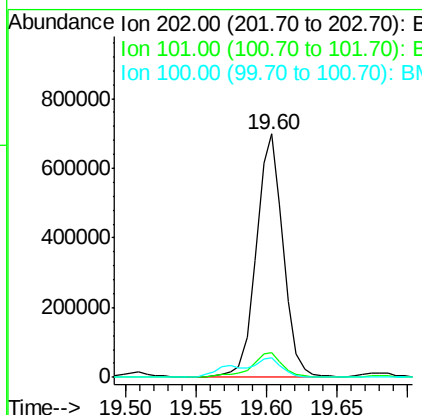
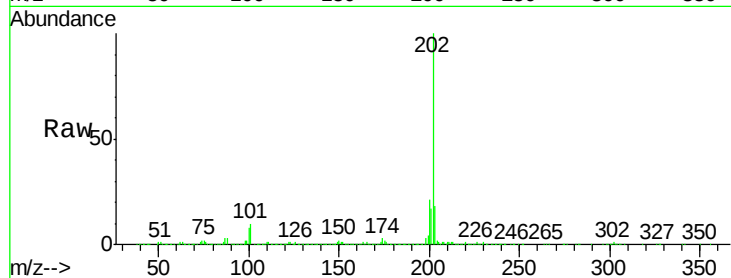




#77
 Pyrene
 Concen: 8.19 ng/ul
 RT: 19.60 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BM007101.D
 Acq: 14 Aug 2016 11:01

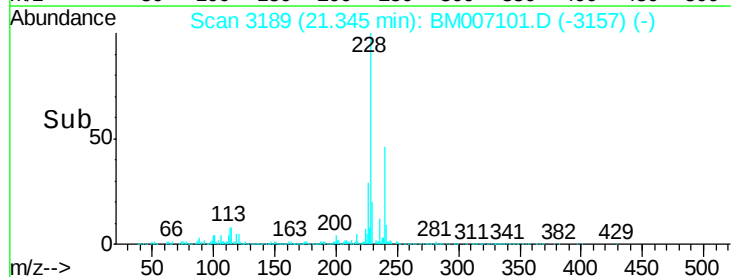
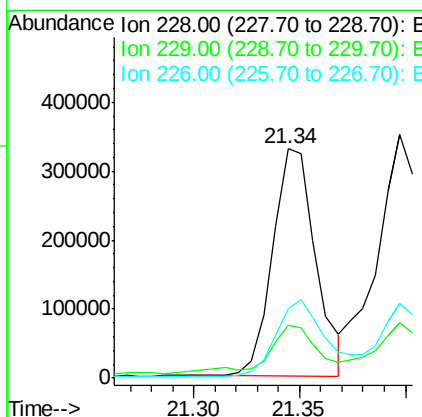
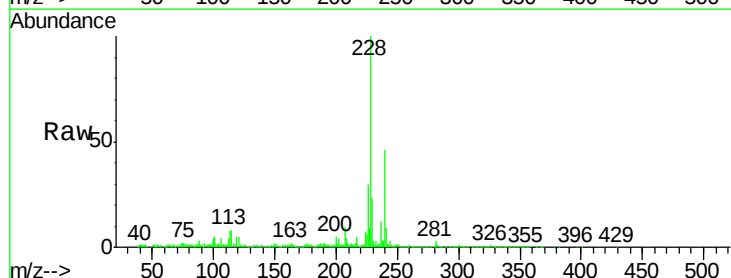
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 BNA_M
 ClientSampleId :
 P003-SS004-1218-01

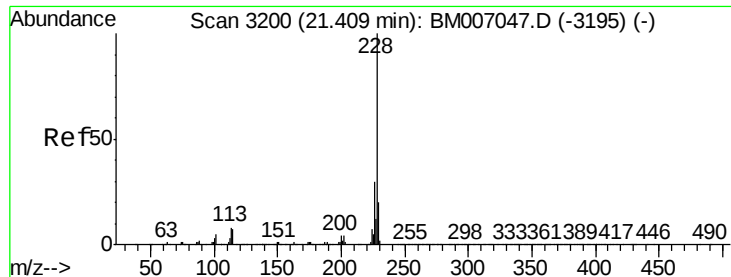
Tgt Ion:	202	Resp:	928589
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.4	12.6
100	8.3	6.9	10.3



#80
 Benzo(a)anthracene
 Concen: 3.86 ng/ul
 RT: 21.34 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BM007101.D
 Acq: 14 Aug 2016 11:01

Tgt Ion:	228	Resp:	468001
Ion Ratio	Lower	Upper	
228	100		
229	23.2	15.6	23.4
226	30.3	21.8	32.8





#82

Chrysene

Concen: 4.60 ng/ul

RT: 21.40 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BM007101.D

Acq: 14 Aug 2016 11:01

Instrument :

BNA_M

ClientSampleId :

P003-SS004-1218-01

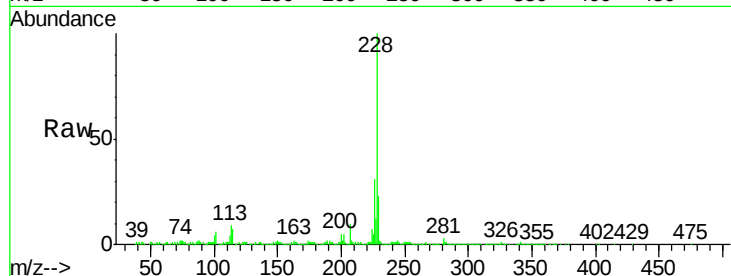
Tgt Ion: 228 Resp: 509175

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.2

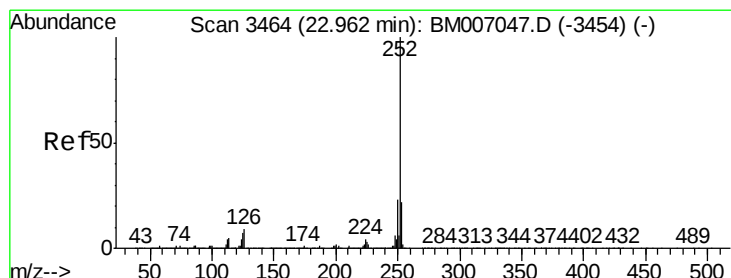
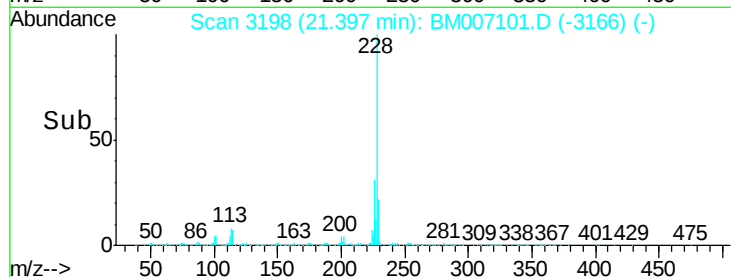
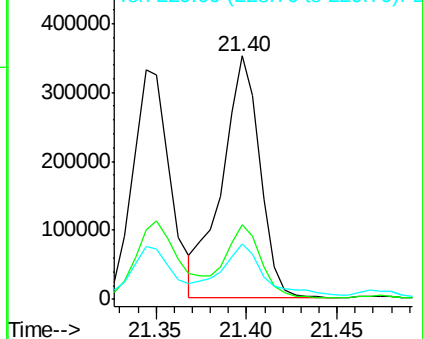
229 22.6 15.5 23.3



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



#85

Benzo(b)fluoranthene

Concen: 4.27 ng/ul

RT: 22.95 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM007101.D

Acq: 14 Aug 2016 11:01

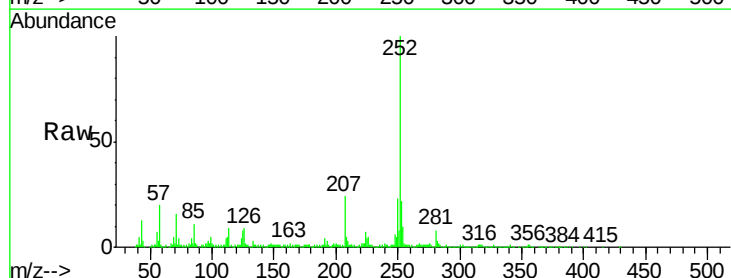
Tgt Ion: 252 Resp: 572385

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

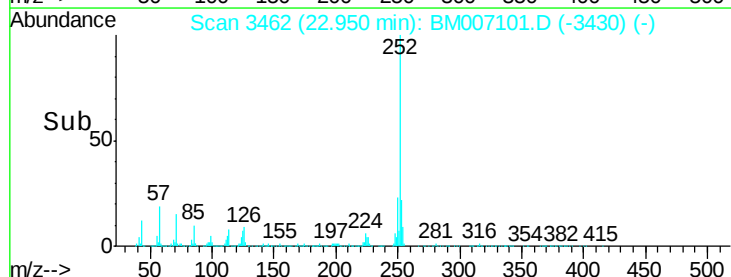
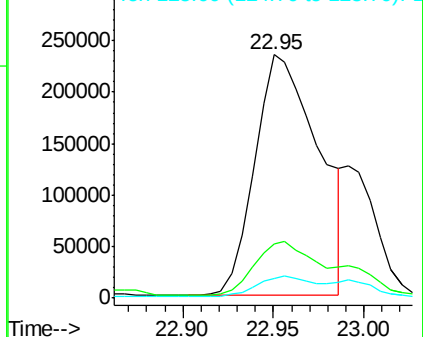
125 8.0 5.8 8.8

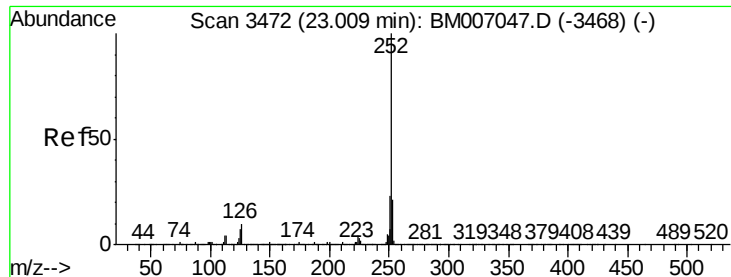


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

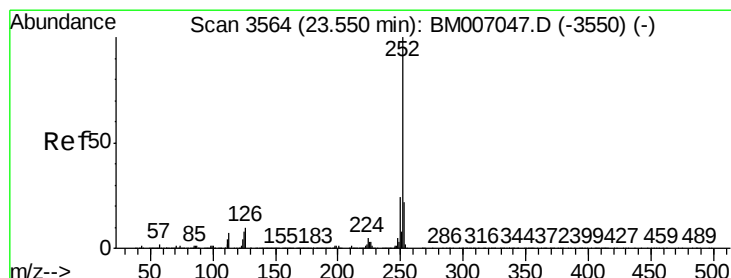
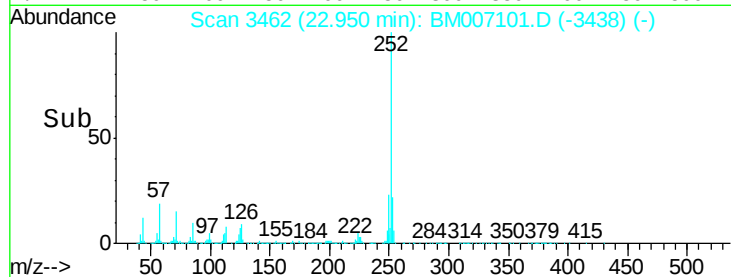
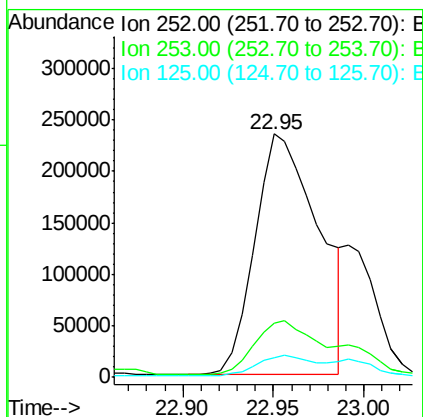
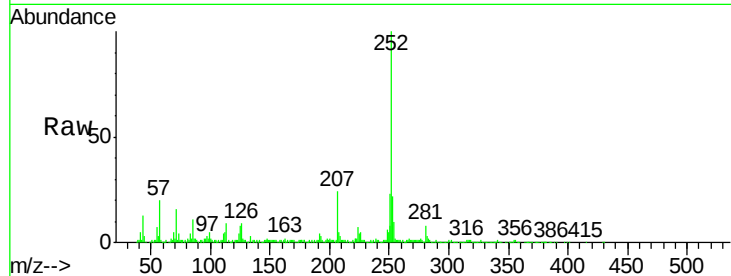




#86
Benzo(k)fluoranthene
Concen: 4.55 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. -0.06 min
Lab File: BM007101.D
Acq: 14 Aug 2016 11:01

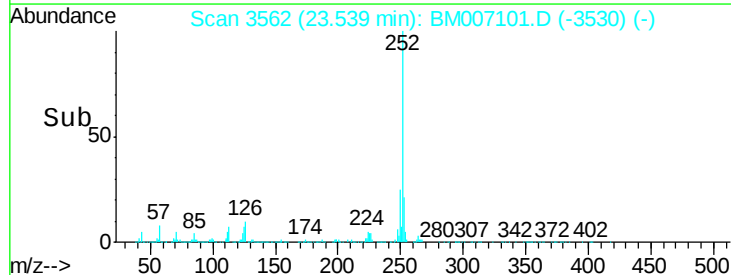
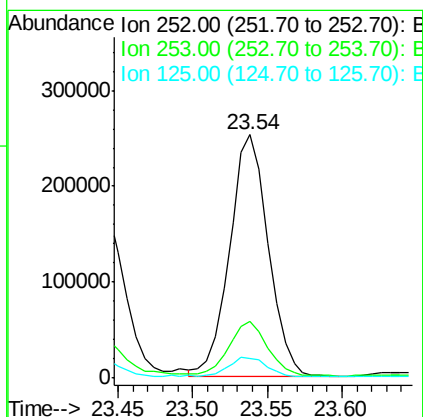
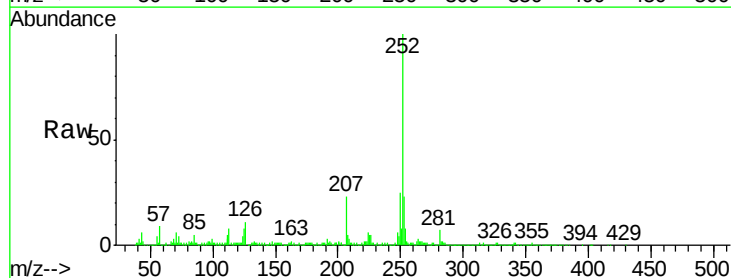
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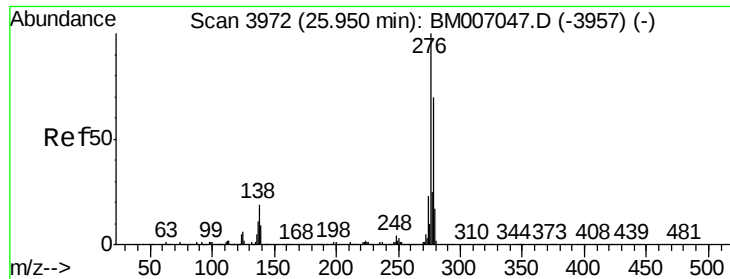
Tgt Ion:252 Resp: 572385
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 8.0 5.7 8.5



#88
Benzo(a)pyrene
Concen: 3.58 ng/ul
RT: 23.54 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BM007101.D
Acq: 14 Aug 2016 11:01

Tgt Ion:252 Resp: 455263
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 7.9 6.6 9.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.93 ng/ul

RT: 25.93 min Scan# 3968

Delta R.T. -0.02 min

Lab File: BM007101.D

Acq: 14 Aug 2016 11:01

Instrument :

BNA_M

ClientSampleId :

P003-SS004-1218-01

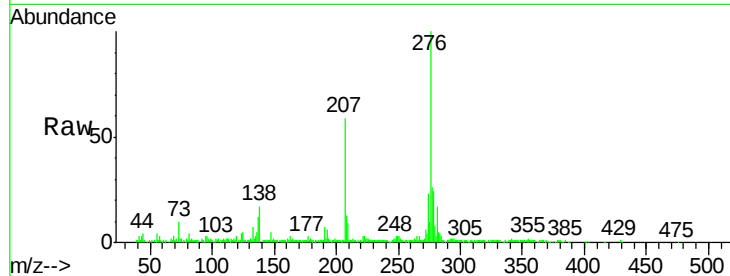
Tgt Ion: 276 Resp: 300274

Ion Ratio Lower Upper

276 100

138 16.6 13.9 20.9

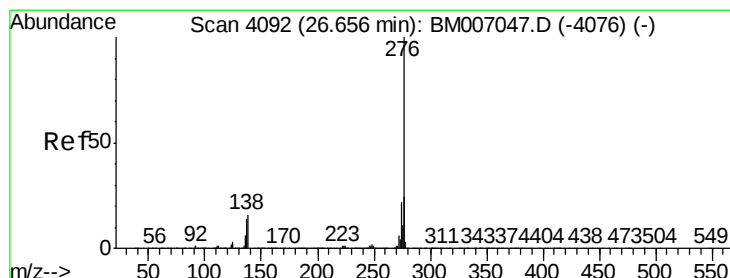
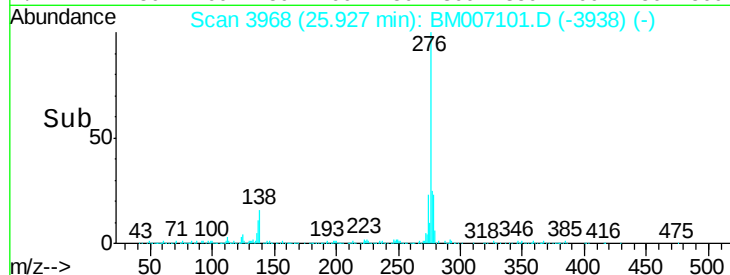
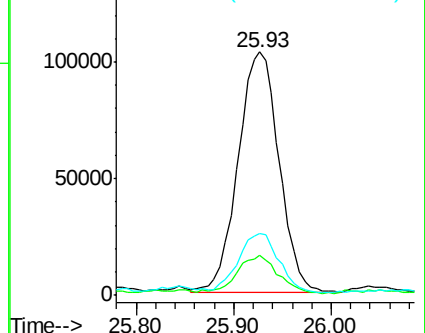
277 25.7 20.1 30.1



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



#91

Benzo(g,h,i)perylene

Concen: 2.20 ng/ul

RT: 26.63 min Scan# 4088

Delta R.T. -0.02 min

Lab File: BM007101.D

Acq: 14 Aug 2016 11:01

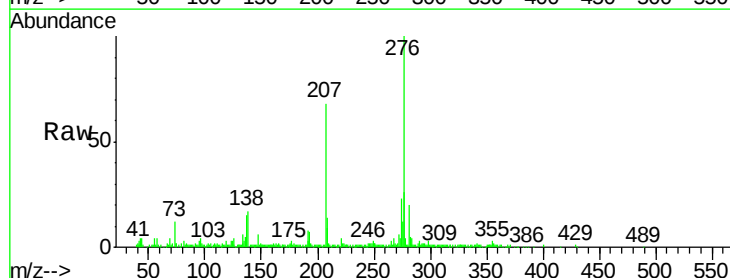
Tgt Ion: 276 Resp: 289378

Ion Ratio Lower Upper

276 100

138 17.1 13.5 20.3

277 26.0 19.3 28.9



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

