

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081216\
 Data File : BM007045.D
 Acq On : 12 Aug 2016 16:01
 Operator : UM/SJ
 Sample : H4387-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS002-0002-01

Quant Time: Aug 12 23:03:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 23:03:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	373043	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1505247	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	779923	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1596227	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1637009	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1749216	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	19620	2.30	ng/uL	0.00
5) Phenol-d5	6.97	99	585115	19.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	353147	20.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	464275	19.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	473993	19.06	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	247120	22.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	274599	23.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	517754	21.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	396976	13.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1531814	23.77	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1898833	24.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	216864	18.78	ng/ul	0.00
57) Fluorene-d10	15.44	176	1310835	23.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	142752	16.18	ng/ul	0.00
70) Anthracene-d10	17.29	188	1919277	25.95	ng/ul	0.00
76) Pyrene-d10	19.58	212	2004136	29.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	2116475	26.45	ng/ul	0.01

Target Compounds

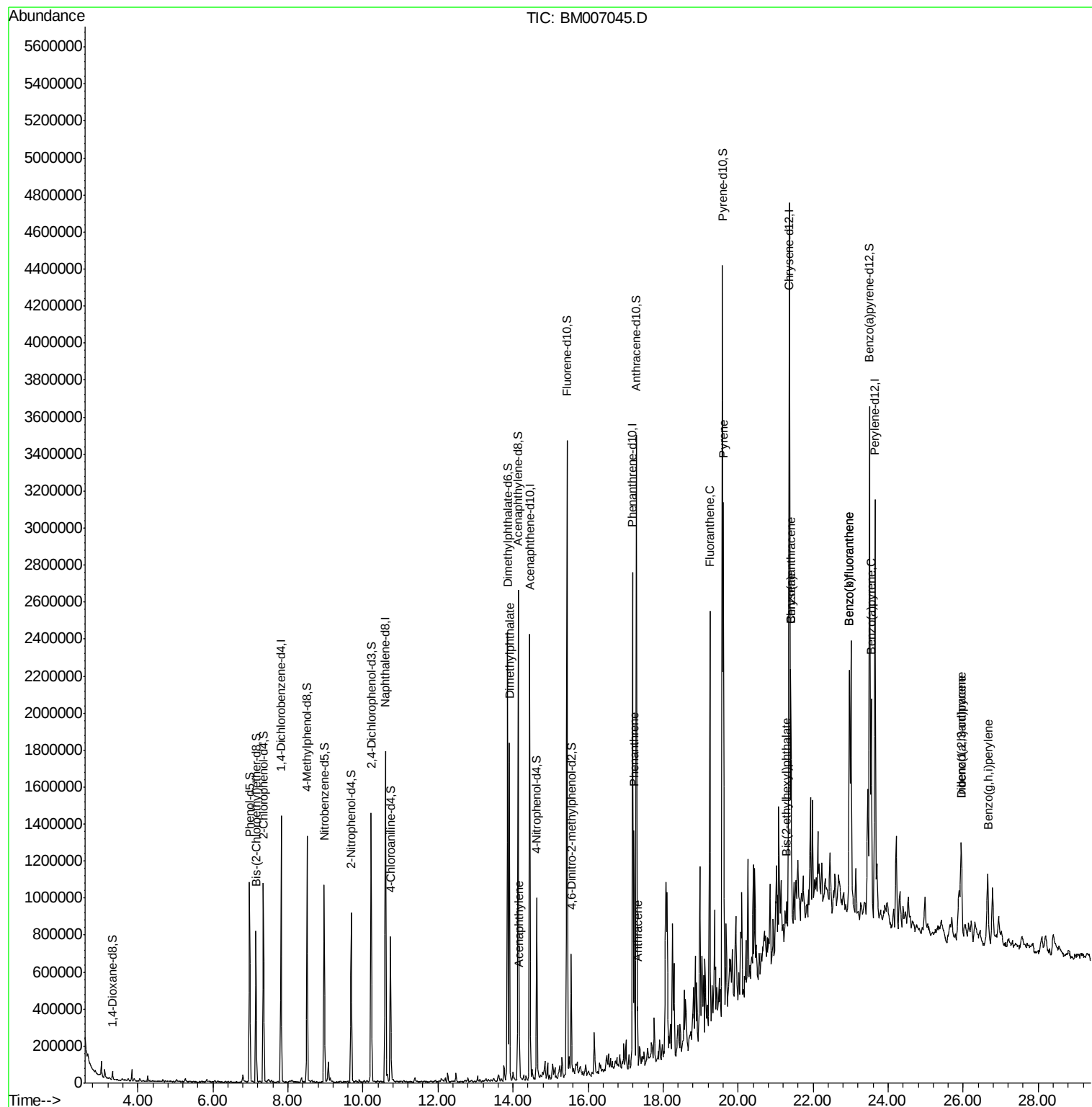
						Qvalue
44) Dimethylphthalate	13.90	163	1104317	17.15	ng/ul	100
47) Acenaphthylene	14.17	152	198014	2.48	ng/ul	99
69) Phenanthrene	17.23	178	784663	9.14	ng/ul	99
71) Anthracene	17.32	178	192282	2.18	ng/ul	99
74) Fluoranthene	19.24	202	1241493	11.92	ng/ul	98
77) Pyrene	19.61	202	1667483	18.42	ng/ul	99
80) Benzo(a)anthracene	21.40	228	876341	9.06	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.29	149	53998	1.04	ng/ul#	97
82) Chrysene	21.40	228	876341	9.91	ng/ul	97
85) Benzo(b)fluoranthene	22.97	252	1239030	11.76	ng/ul	96
86) Benzo(k)fluoranthene	22.97	252	1239030	12.52	ng/ul#	97
88) Benzo(a)pyrene	23.55	252	767662	7.69	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.95	276	515749	4.21	ng/ul	96
90) Dibenzo(a,h)anthracene	25.95	278	142115	1.38	ng/ul#	77
91) Benzo(g,h,i)perylene	26.66	276	503403	4.86	ng/ul	98

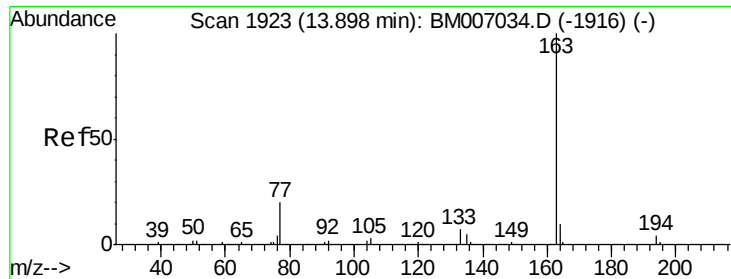
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081216\
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 23:03:04 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 17.15 ng/ul

RT: 13.90 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

Instrument :

BNA_M

ClientSampleId :

P003-SS002-0002-01

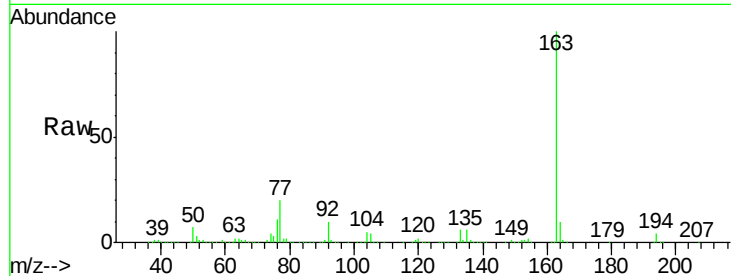
Tgt Ion:163 Resp: 1104317

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

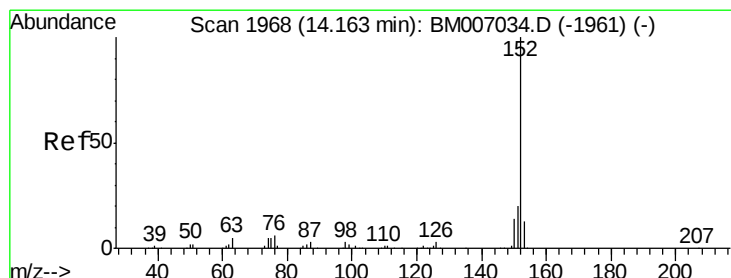
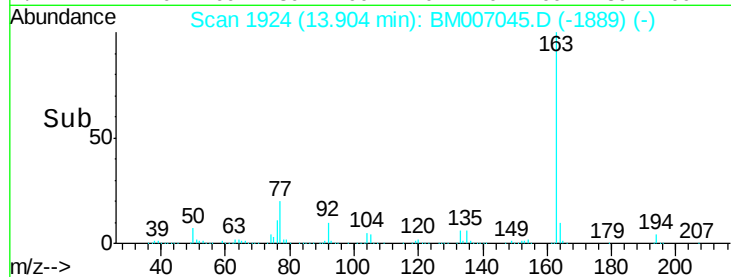
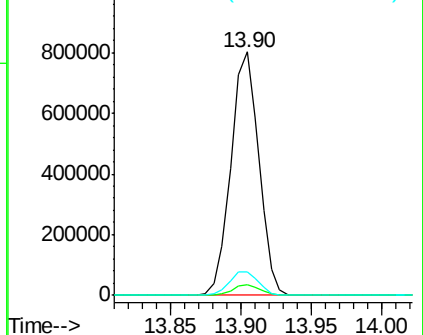
164 9.7 7.8 11.8



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



#47

Acenaphthylene

Concen: 2.48 ng/ul

RT: 14.17 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

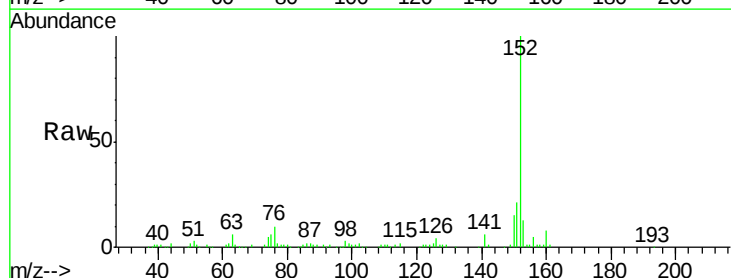
Tgt Ion:152 Resp: 198014

Ion Ratio Lower Upper

152 100

151 20.7 16.0 24.0

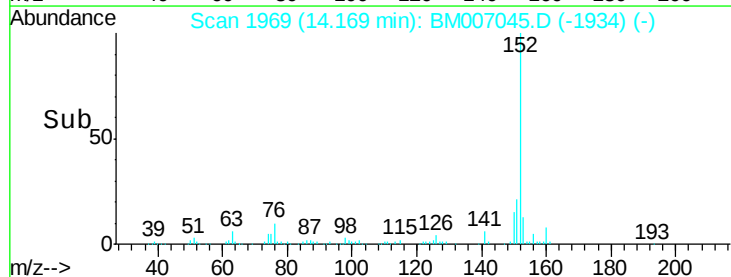
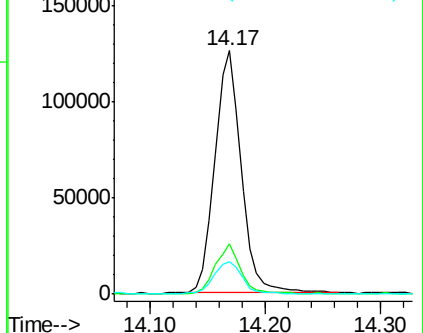
153 13.3 11.0 16.6

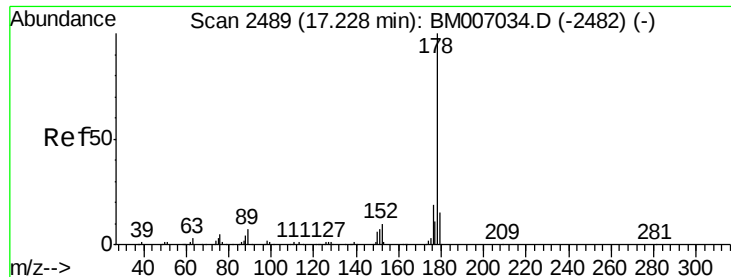


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 9.14 ng/ul

RT: 17.23 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

Instrument :

BNA_M

ClientSampleId :

P003-SS002-0002-01

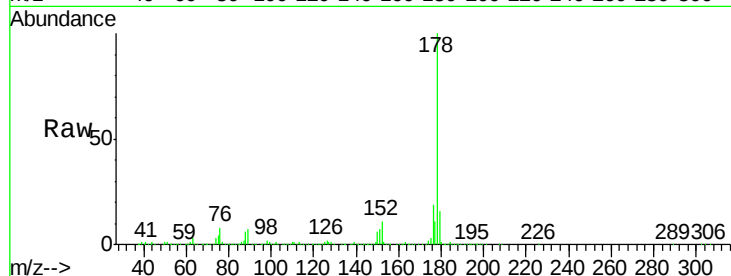
Tgt Ion:178 Resp: 784663

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

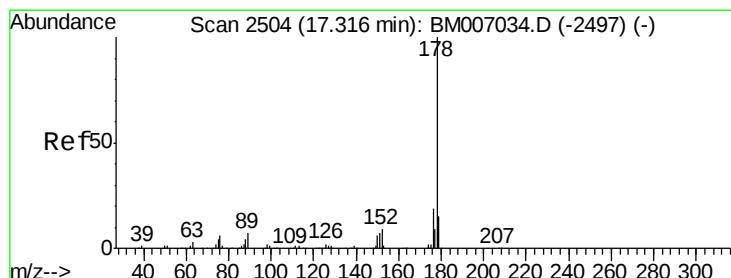
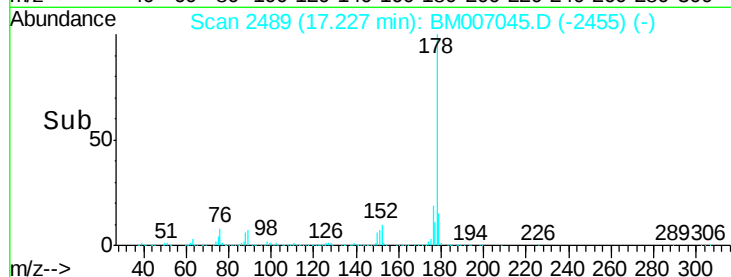
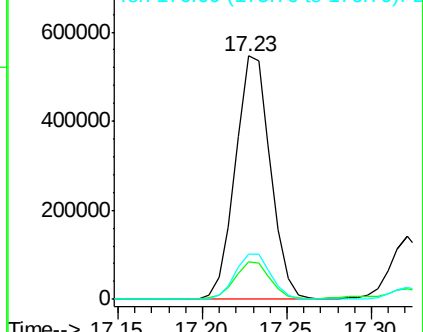
176 18.8 15.1 22.7



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: 2.18 ng/ul

RT: 17.32 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

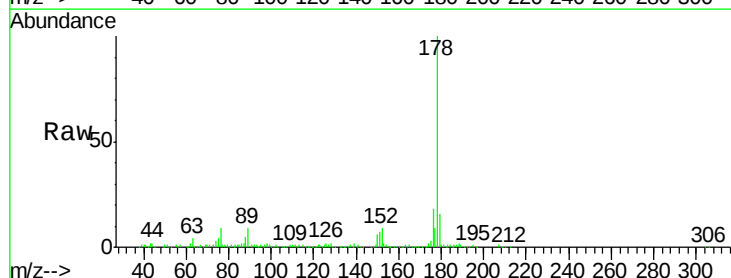
Tgt Ion:178 Resp: 192282

Ion Ratio Lower Upper

178 100

179 16.0 12.1 18.1

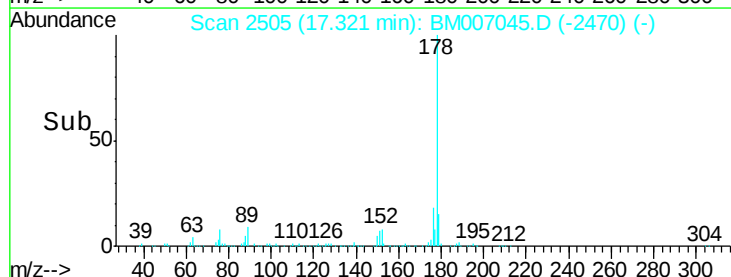
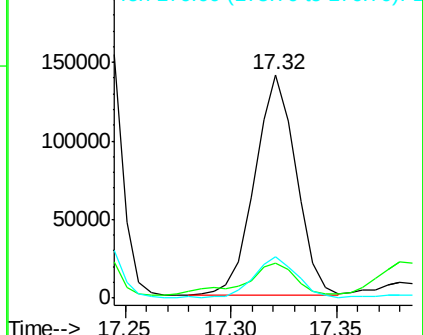
176 18.3 14.5 21.7

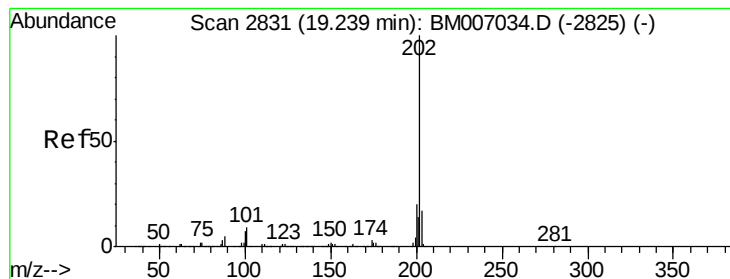


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 11.92 ng/ul

RT: 19.24 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

Instrument :

BNA_M

ClientSampleId :

P003-SS002-0002-01

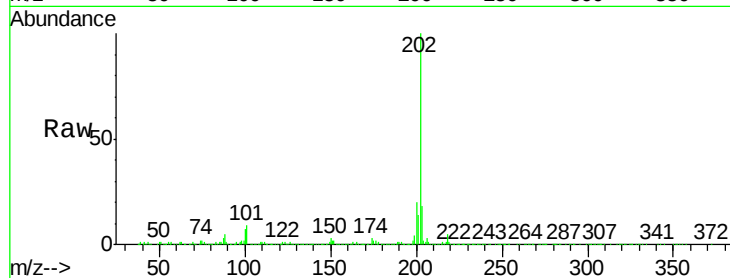
Tgt Ion:202 Resp: 1241493

Ion Ratio Lower Upper

202 100

101 9.5 6.9 10.3

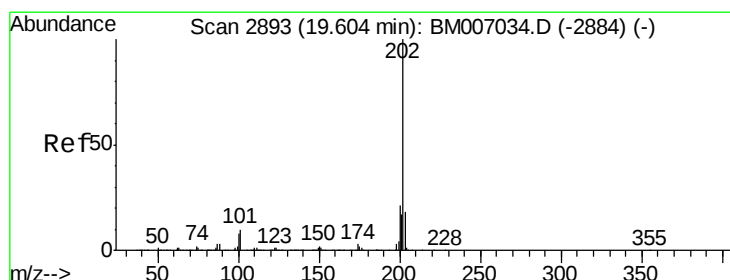
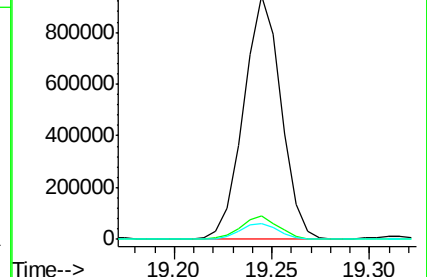
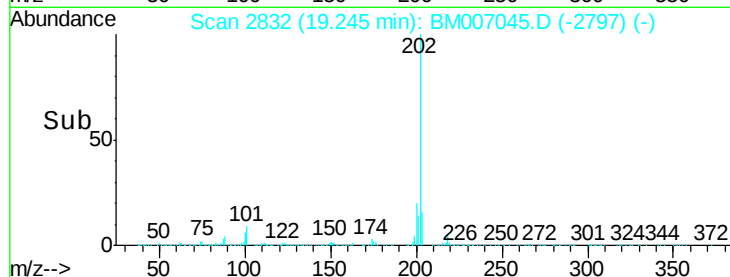
100 6.6 5.4 8.0



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: 18.42 ng/ul

RT: 19.61 min Scan# 2894

Delta R.T. 0.01 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

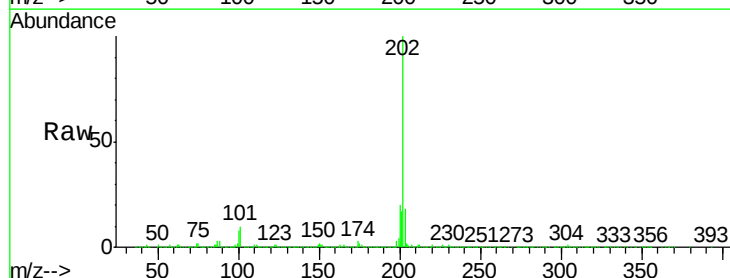
Tgt Ion:202 Resp: 1667483

Ion Ratio Lower Upper

202 100

101 9.7 8.4 12.6

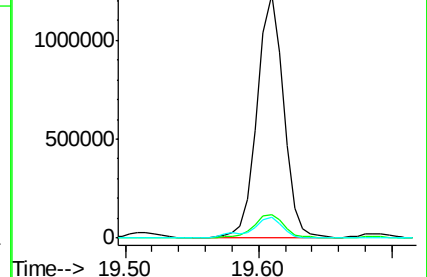
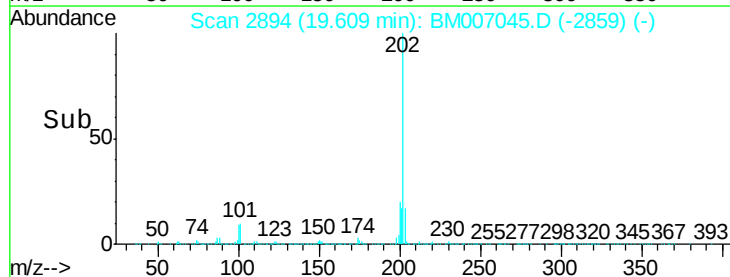
100 8.5 6.9 10.3

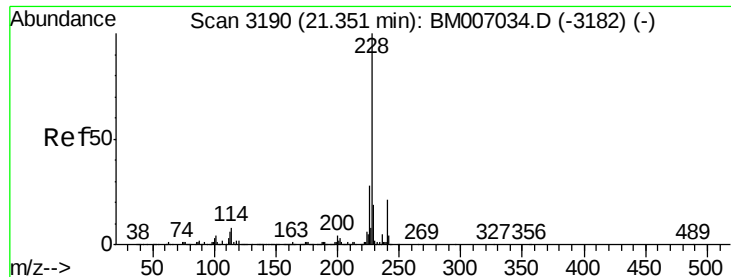


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 9.06 ng/ul

RT: 21.40 min Scan# 3199

Delta R.T. 0.05 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

Instrument :

BNA_M

ClientSampleId :

P003-SS002-0002-01

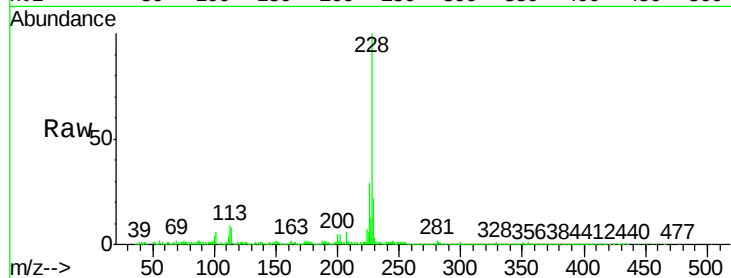
Tgt Ion:228 Resp: 876341

Ion Ratio Lower Upper

228 100

229 22.5 15.6 23.4

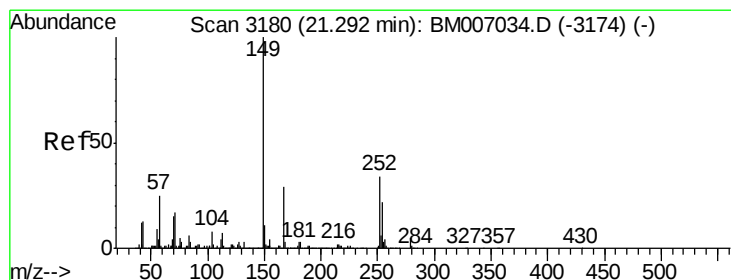
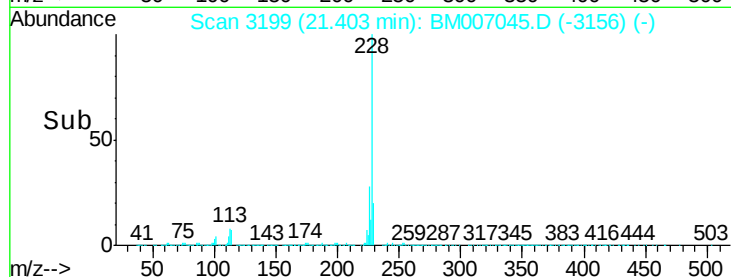
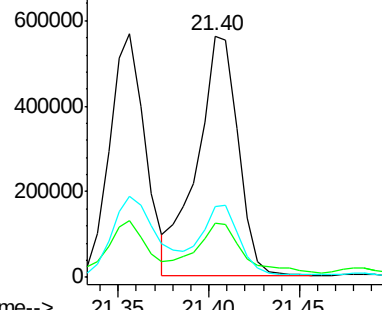
226 29.5 21.8 32.8



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.04 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

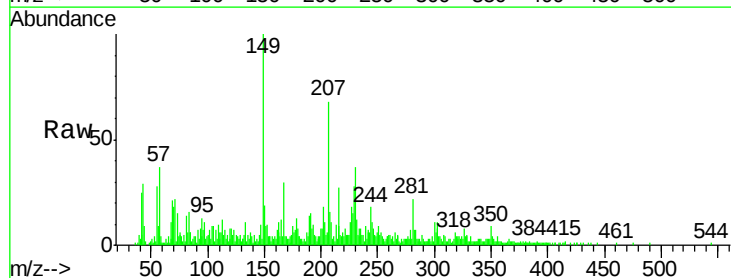
Tgt Ion:149 Resp: 53998

Ion Ratio Lower Upper

149 100

167 30.2 23.2 34.8

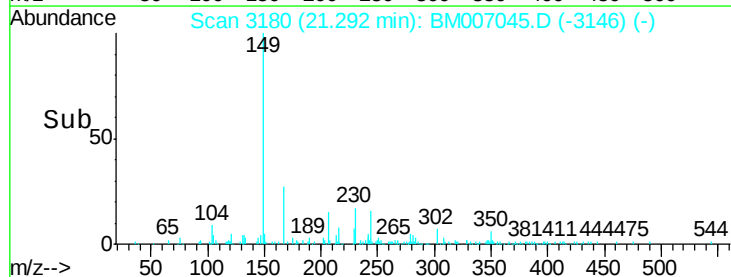
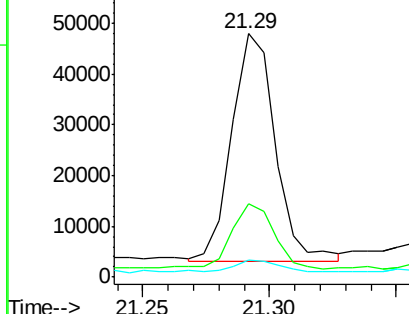
279 6.8 4.1 6.1#

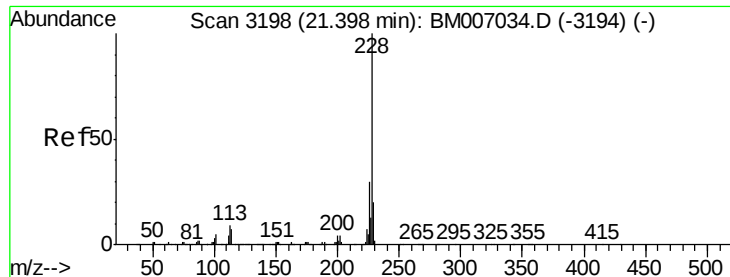


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 9.91 ng/ul

RT: 21.40 min Scan# 3199

Delta R.T. 0.01 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

Instrument :

BNA_M

ClientSampleId :

P003-SS002-0002-01

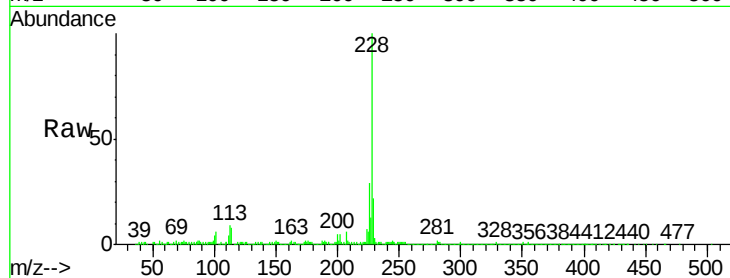
Tgt Ion:228 Resp: 876341

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

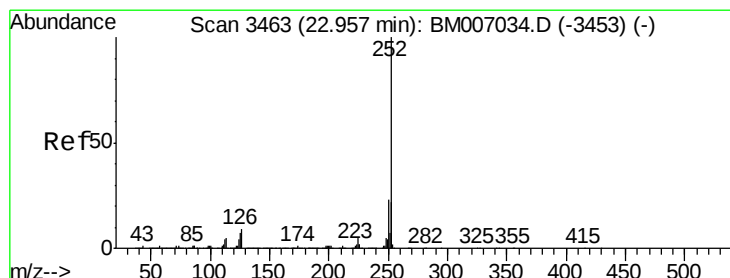
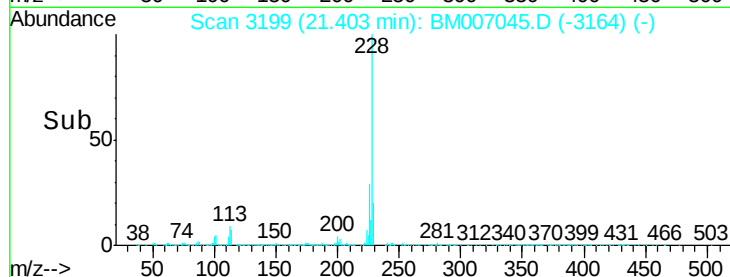
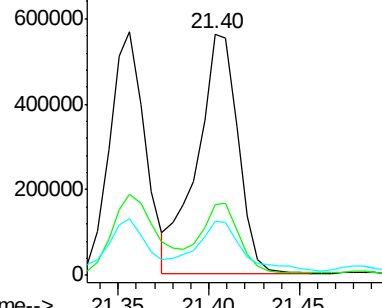
229 22.5 15.5 23.3



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: 11.76 ng/ul

RT: 22.97 min Scan# 3465

Delta R.T. 0.01 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

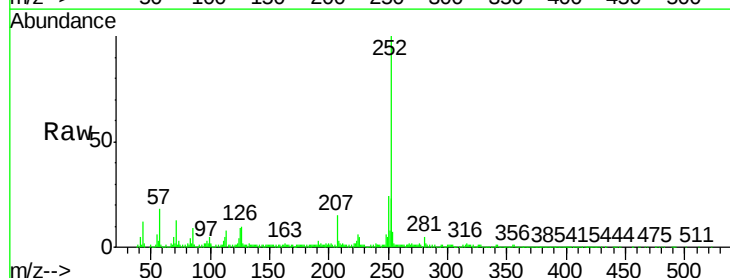
Tgt Ion:252 Resp: 1239030

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

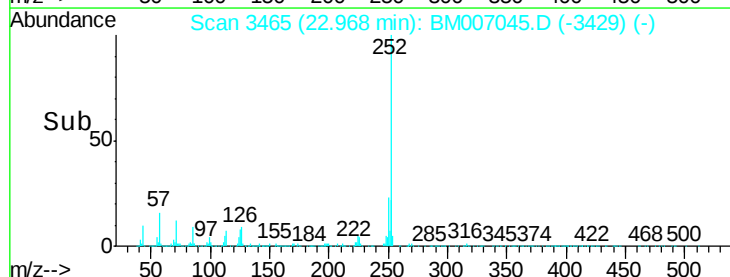
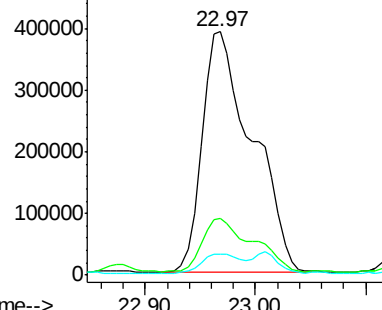
125 8.7 5.8 8.8

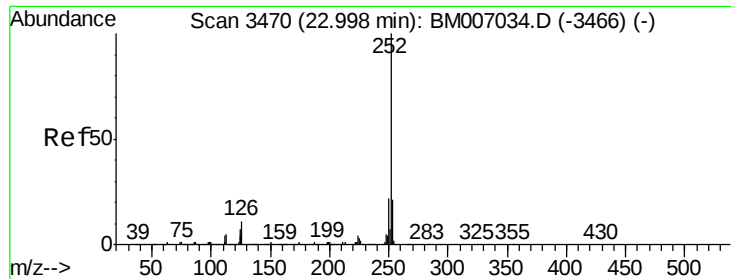


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 12.52 ng/ul

RT: 22.97 min Scan# 3465

Delta R.T. -0.03 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

Instrument :

BNA_M

ClientSampleId :

P003-SS002-0002-01

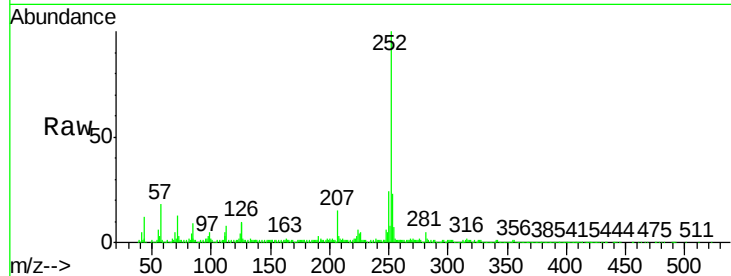
Tgt Ion:252 Resp: 1239030

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

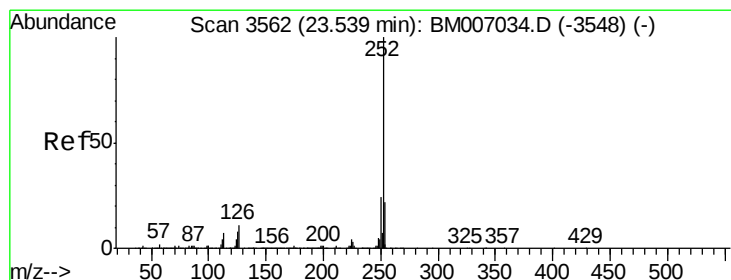
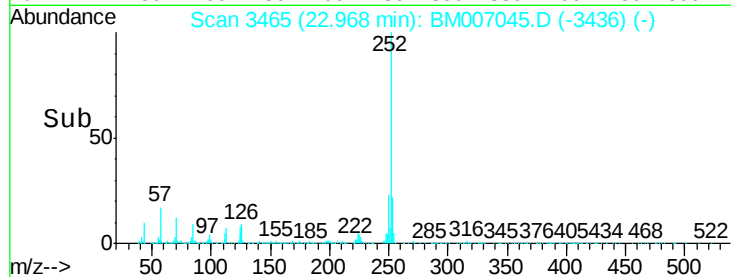
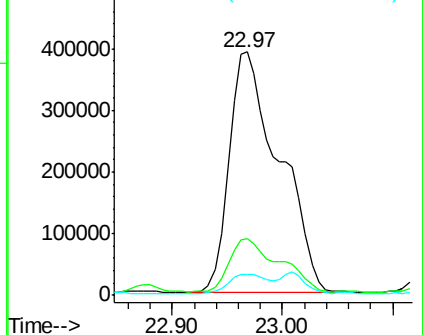
125 8.7 5.7 8.5#



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



#88

Benzo(a)pyrene

Concen: 7.69 ng/ul

RT: 23.55 min Scan# 3564

Delta R.T. 0.01 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

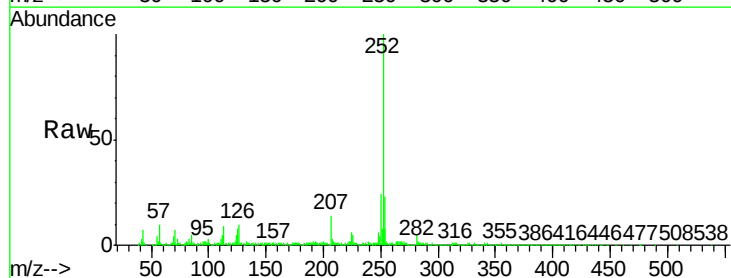
Tgt Ion:252 Resp: 767662

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

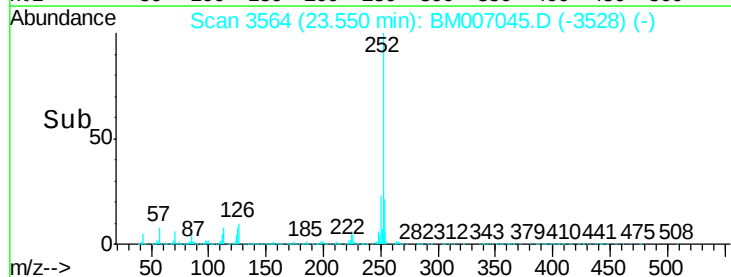
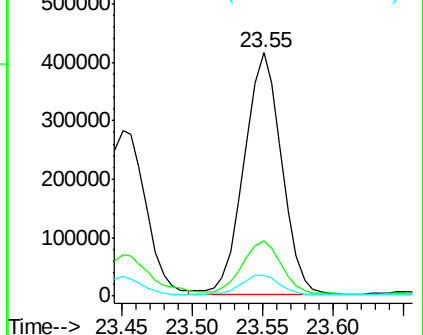
125 8.4 6.6 9.8

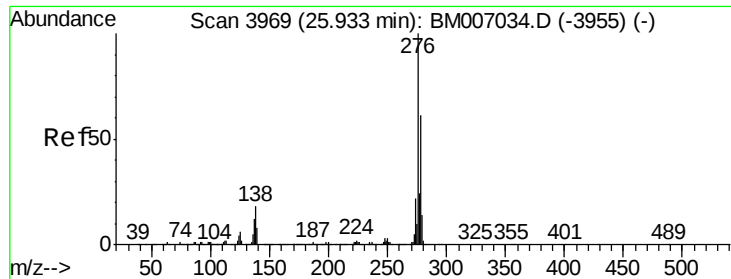


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 4.21 ng/ul

RT: 25.95 min Scan# 3972

Delta R.T. 0.02 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

Instrument :

BNA_M

ClientSampleId :

P003-SS002-0002-01

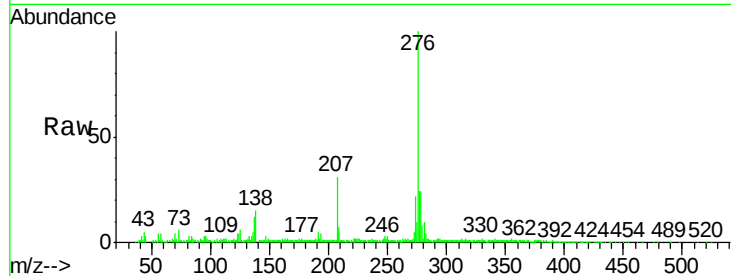
Tgt Ion:276 Resp: 515749

Ion Ratio Lower Upper

276 100

138 14.7 13.9 20.9

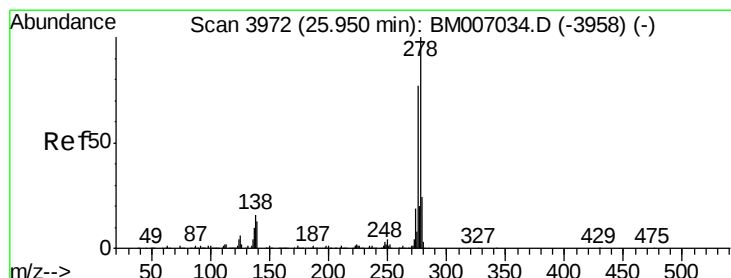
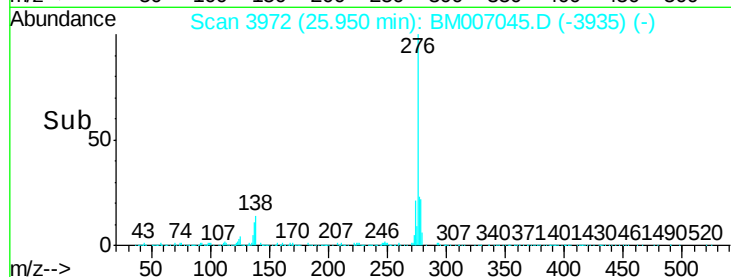
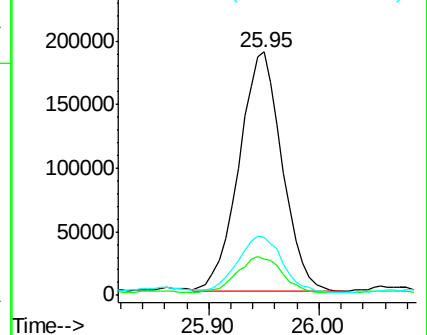
277 24.0 20.1 30.1



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



#90

Dibenzo(a,h)anthracene

Concen: 1.38 ng/ul

RT: 25.95 min Scan# 3972

Delta R.T. -0.00 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

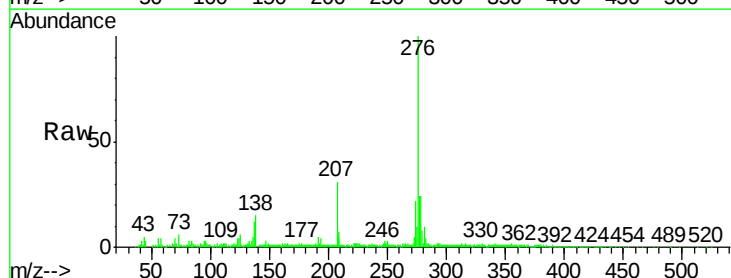
Tgt Ion:278 Resp: 142115

Ion Ratio Lower Upper

278 100

139 0.0 9.5 14.3#

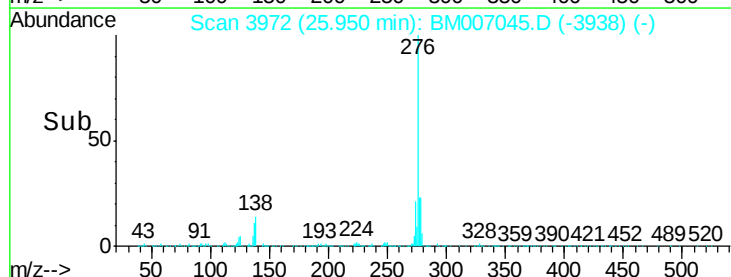
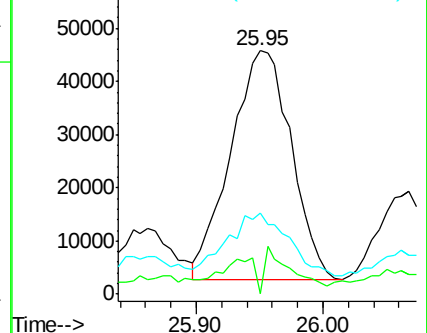
279 33.5 19.1 28.7#

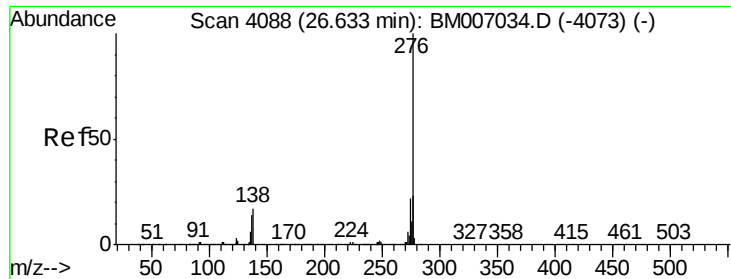


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 4.86 ng/ul

RT: 26.66 min Scan# 4092

Delta R.T. 0.02 min

Lab File: BM007045.D

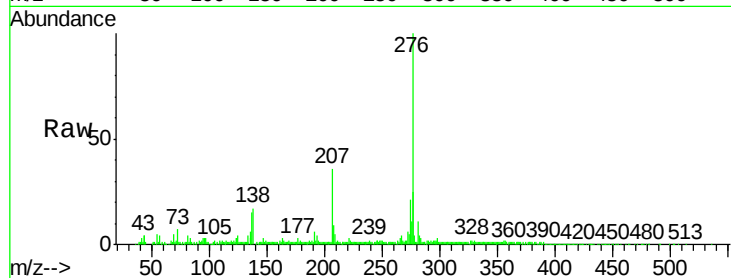
Acq: 12 Aug 2016 16:01

Instrument :

BNA_M

ClientSampleId :

P003-SS002-0002-01



Tgt Ion:	276	Resp:	503403
Ion	Ratio	Lower	Upper
276	100		
138	17.4	13.5	20.3
277	25.0	19.3	28.9

