

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007068.D
 Acq On : 13 Aug 2016 14:22
 Operator : UM/SJ
 Sample : H4389-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS006-0002-01

Quant Time: Aug 15 10:20:50 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	7.82	152	273298	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1068828	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	616020	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1447263	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1771939	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1805566	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	26901	4.30	ng/uL	0.00
5) Phenol-d5	6.97	99	590978	26.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	345437	27.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	482529	27.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	461985	25.36	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	230097	29.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	260712	31.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	498690	28.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	355018	17.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1520146	29.86	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1867111	30.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	236609	25.94	ng/ul	0.00
57) Fluorene-d10	15.43	176	1327782	29.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	213116	26.65	ng/ul	-0.01
70) Anthracene-d10	17.28	188	2064339	30.79	ng/ul	0.00
76) Pyrene-d10	19.57	212	2389368	31.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	2563991	31.05	ng/ul	0.00

Target Compounds

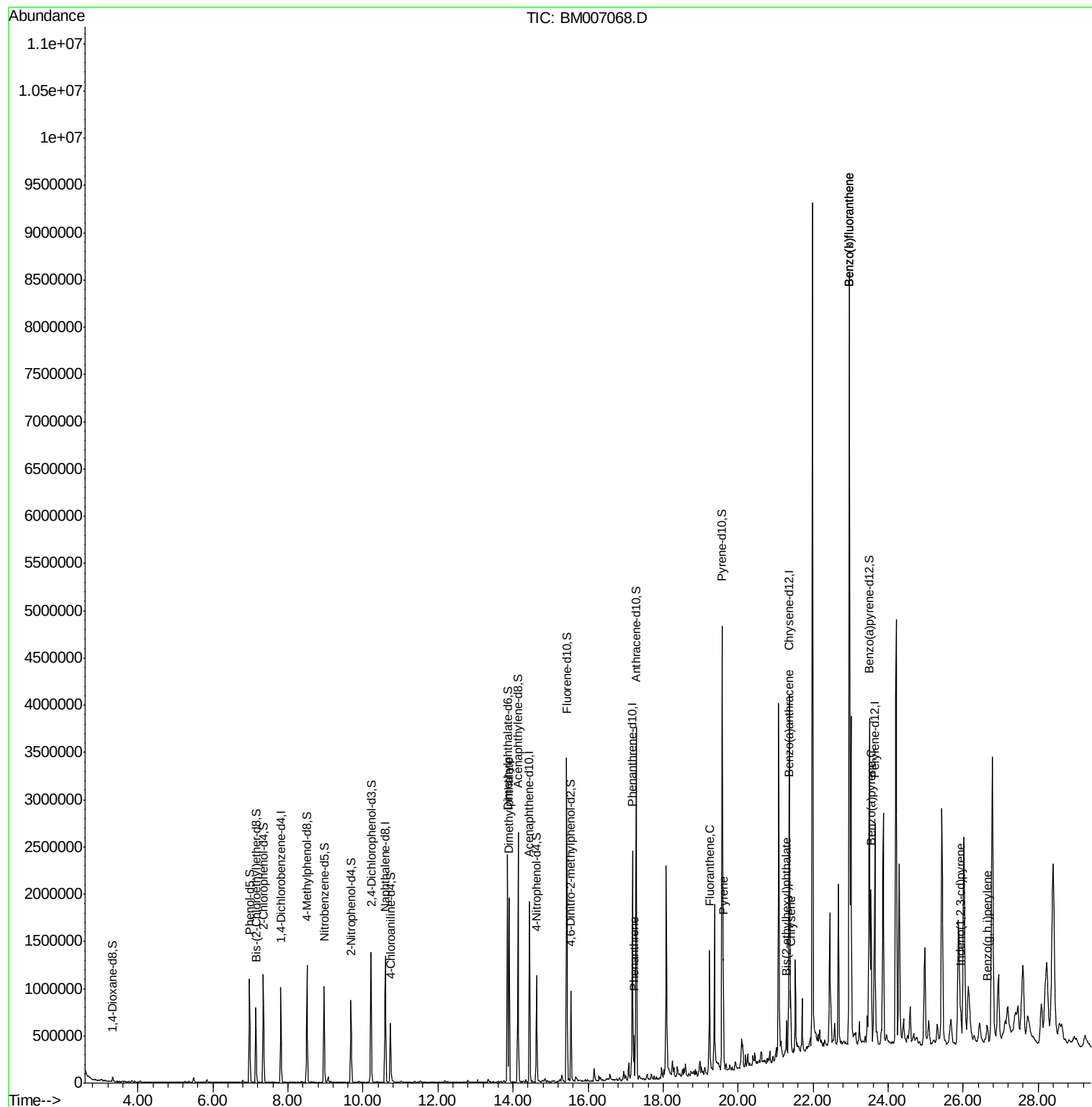
						Qvalue
44) Dimethylphthalate	13.90	163	1171171	23.02	ng/ul	99
69) Phenanthrene	17.23	178	285644	3.67	ng/ul	99
74) Fluoranthene	19.24	202	708726	7.51	ng/ul	98
77) Pyrene	19.60	202	666652	6.80	ng/ul	98
80) Benzo(a)anthracene	21.35	228	302153	2.89	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.29	149	137963	2.45	ng/ul	99
82) Chrysene	21.40	228	379891	3.97	ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	454823	4.18	ng/ul#	86
86) Benzo(k)fluoranthene	22.96	252	454823	4.45	ng/ul#	87
88) Benzo(a)pyrene	23.54	252	332287	3.22	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.94	276	249128	1.97	ng/ul	96
91) Benzo(g,h,i)perylene	26.64	276	231387	2.17	ng/ul	99

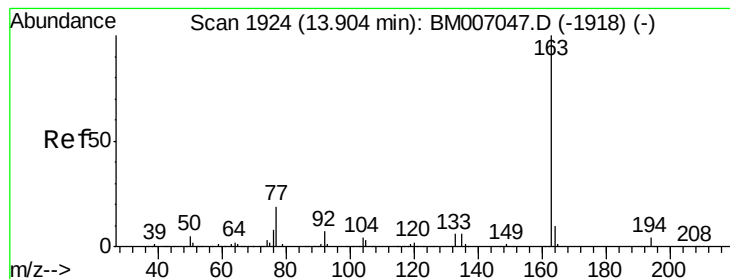
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 23.02 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0002-01

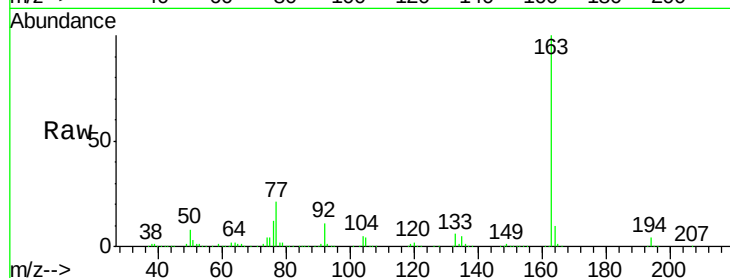
Tgt Ion:163 Resp: 1171171

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

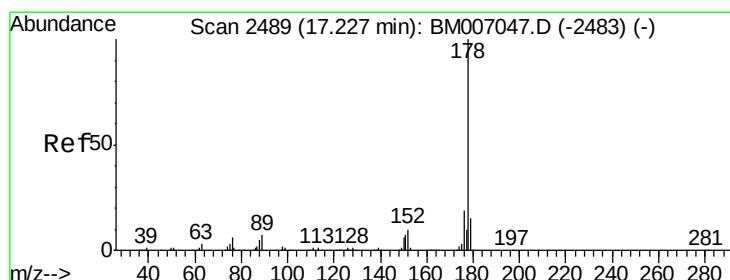
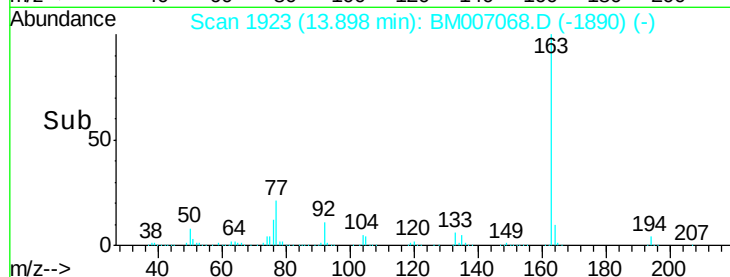
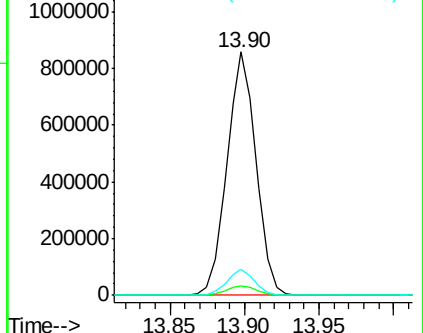
164 10.5 7.8 11.8



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



#69

Phenanthrene

Concen: 3.67 ng/ul

RT: 17.23 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

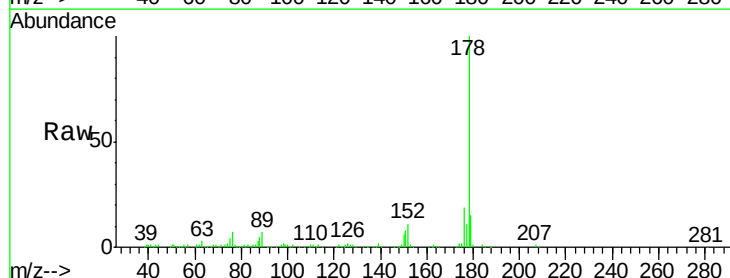
Tgt Ion:178 Resp: 285644

Ion Ratio Lower Upper

178 100

179 14.6 12.2 18.2

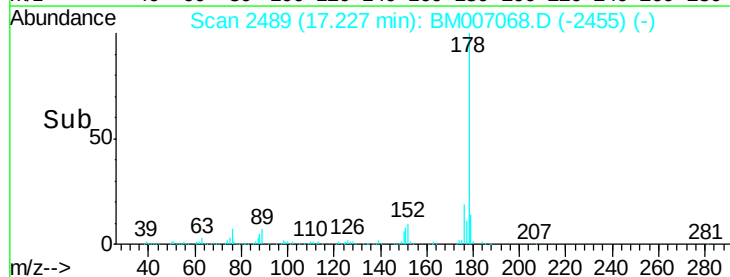
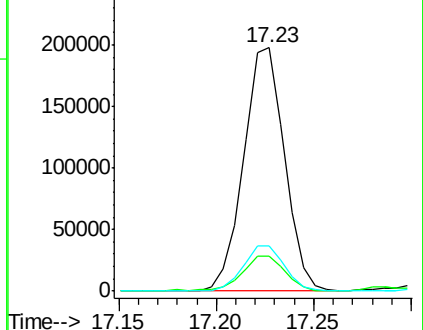
176 18.8 15.1 22.7

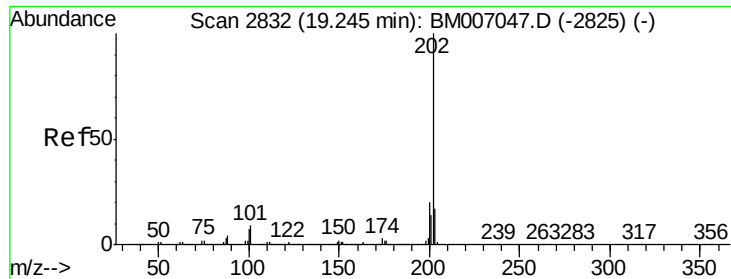


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 7.51 ng/ul

RT: 19.24 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

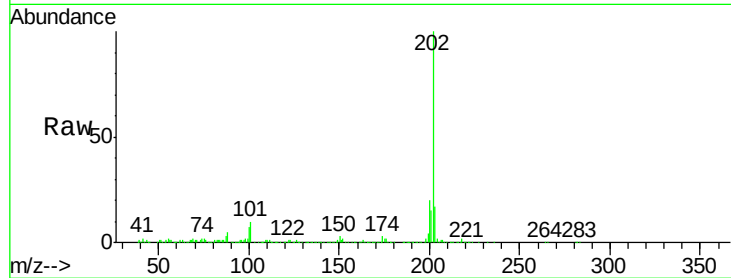
Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0002-01

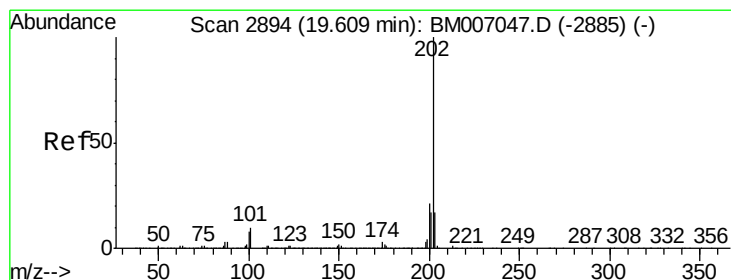
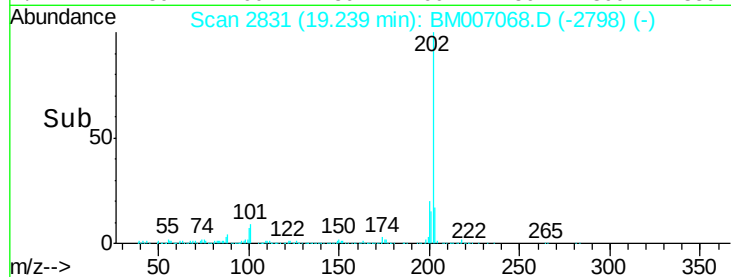
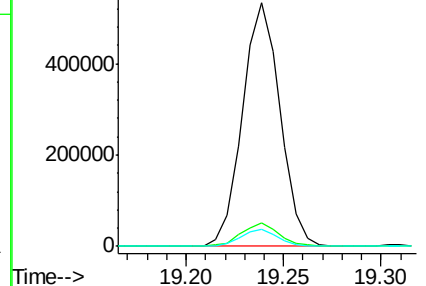
Tgt Ion:	202	Resp:	708726
Ion Ratio	Lower	Upper	
202	100		
101	9.7	6.9	10.3
100	6.8	5.4	8.0



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: 6.80 ng/ul

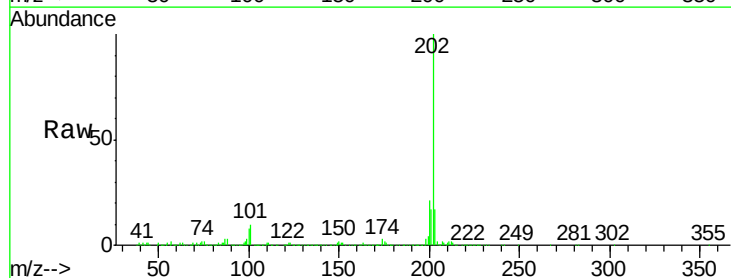
RT: 19.60 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

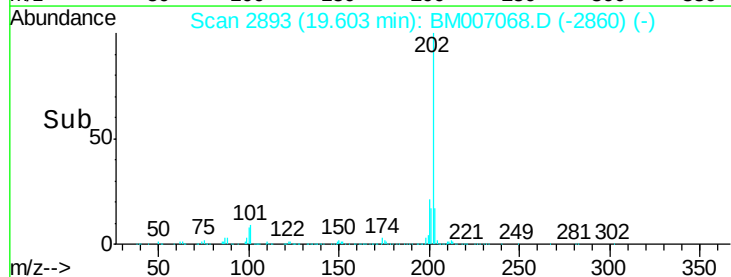
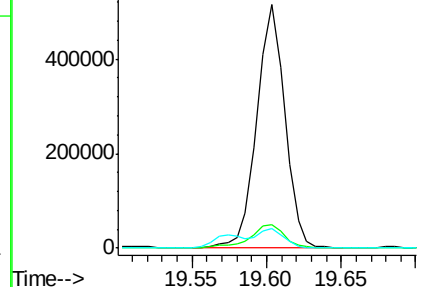
Tgt Ion:	202	Resp:	666652
Ion Ratio	Lower	Upper	
202	100		
101	9.6	8.4	12.6
100	7.9	6.9	10.3

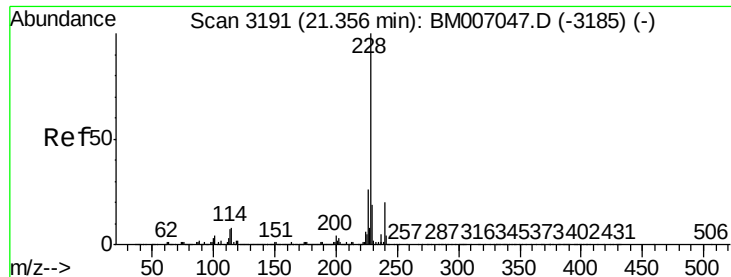


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.89 ng/ul

RT: 21.35 min Scan# 3190

Delta R.T. -0.01 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0002-01

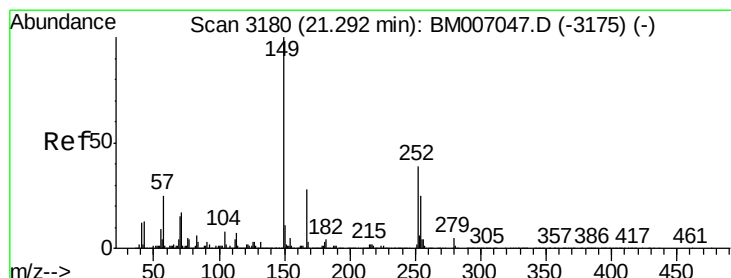
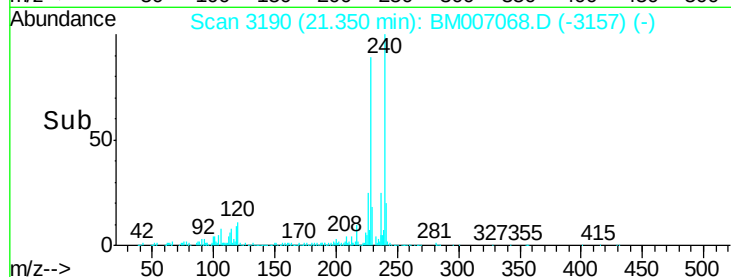
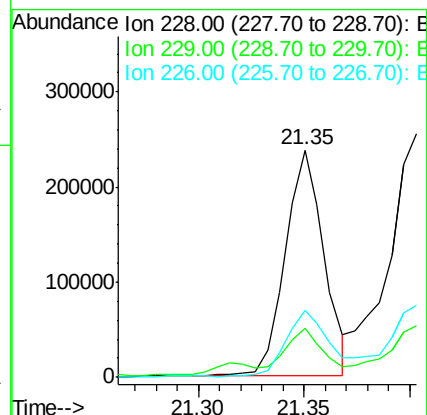
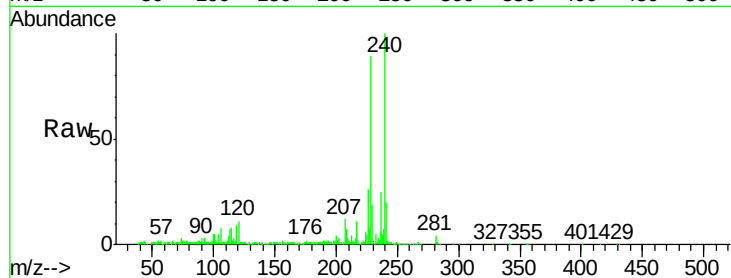
Tgt Ion:228 Resp: 302153

Ion Ratio Lower Upper

228 100

229 21.8 15.6 23.4

226 29.4 21.8 32.8



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.45 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

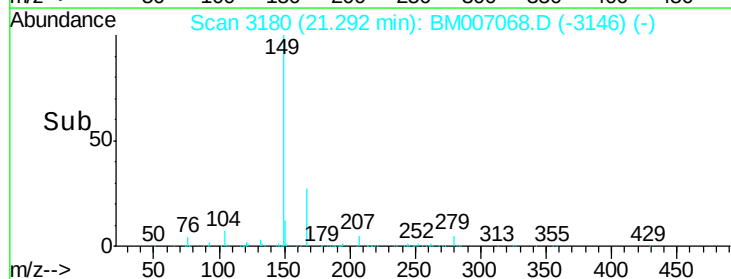
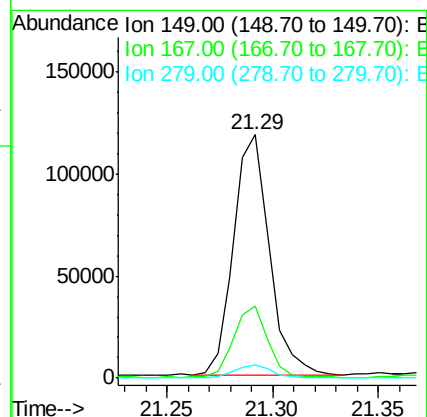
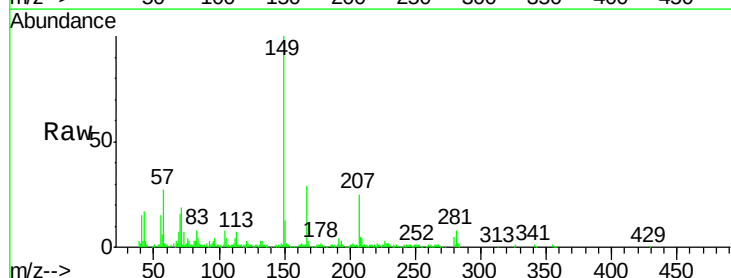
Tgt Ion:149 Resp: 137963

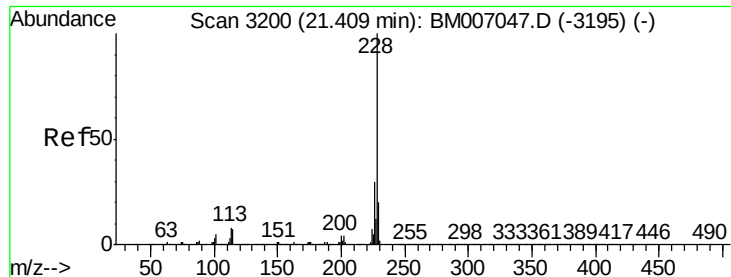
Ion Ratio Lower Upper

149 100

167 29.5 23.2 34.8

279 5.3 4.1 6.1





#82

Chrysene

Concen: 3.97 ng/ul

RT: 21.40 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0002-01

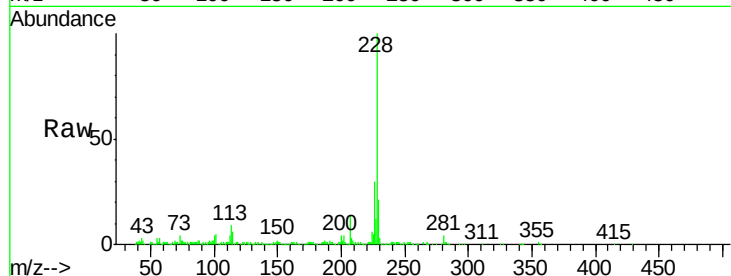
Tgt Ion: 228 Resp: 379891

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

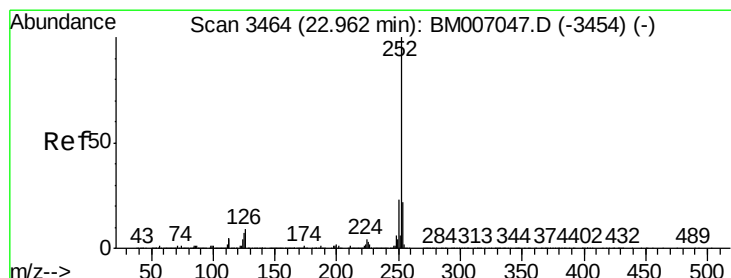
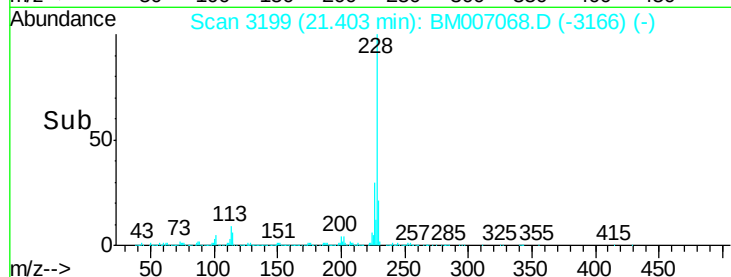
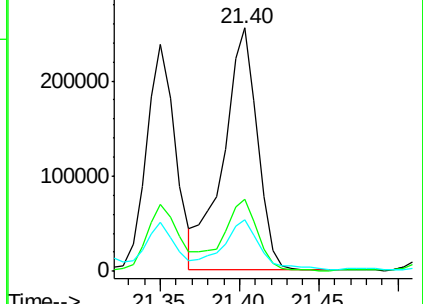
229 21.1 15.5 23.3



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: 4.18 ng/ul

RT: 22.96 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

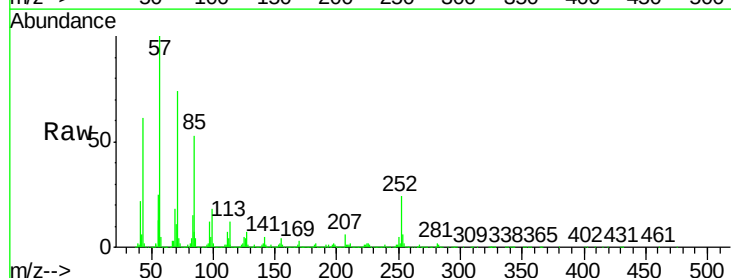
Tgt Ion: 252 Resp: 454823

Ion Ratio Lower Upper

252 100

253 24.4 17.1 25.7

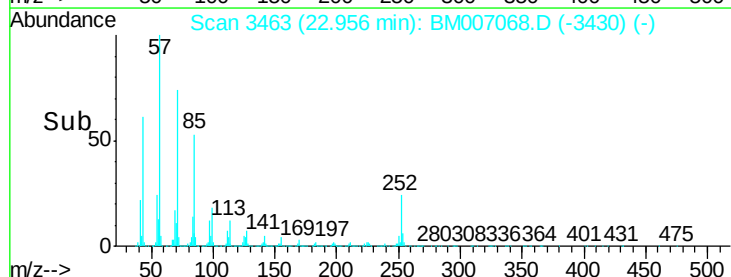
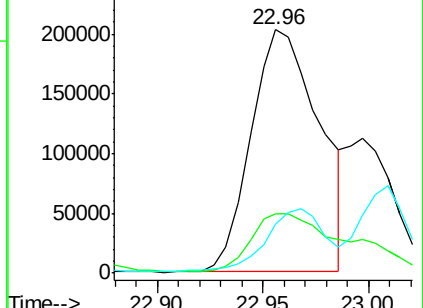
125 20.0 5.8 8.8#

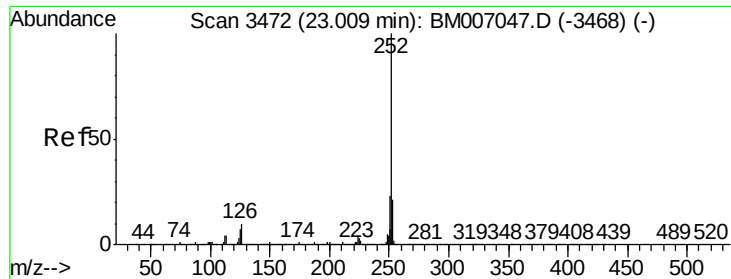


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

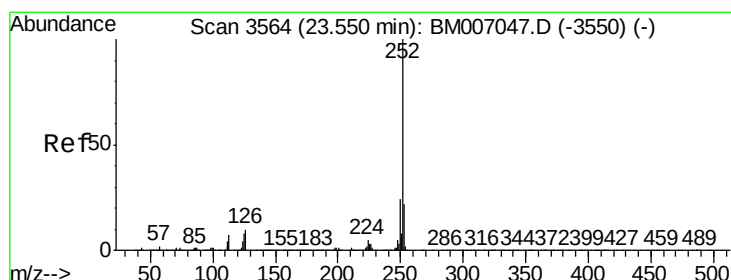
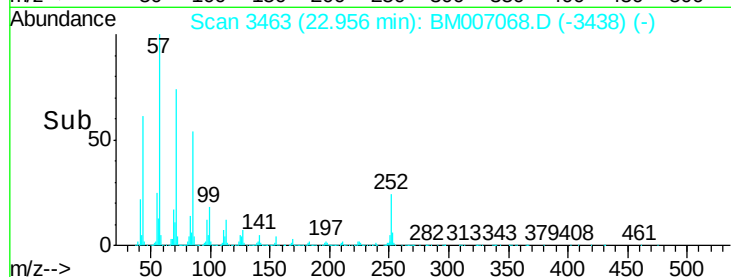
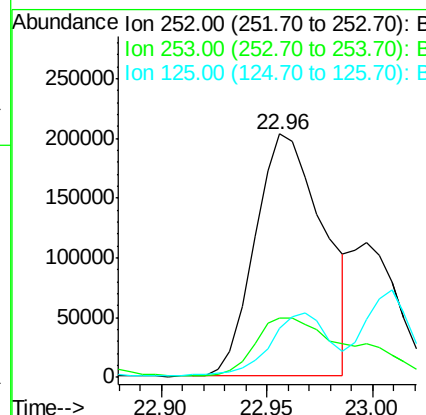
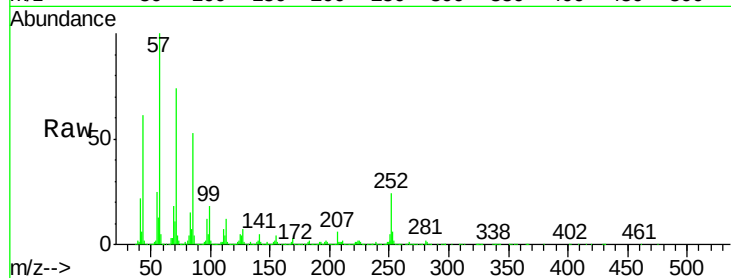




#86
Benzo(k)fluoranthene
Concen: 4.45 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.05 min
Lab File: BM007068.D
Acq: 13 Aug 2016 14:22

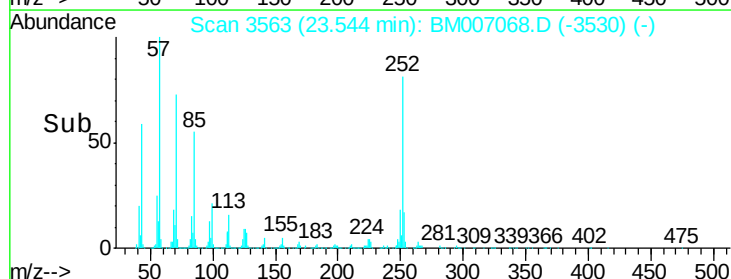
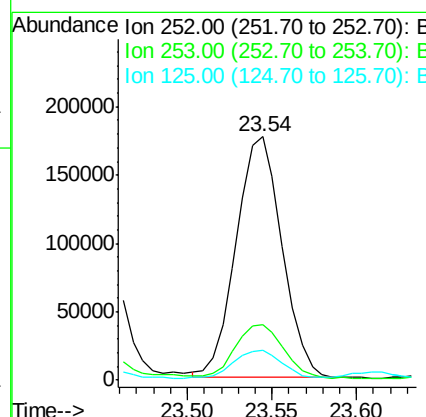
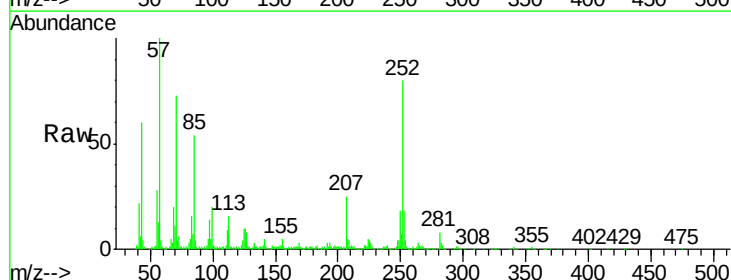
Instrument :
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ClientSampleId :
PR002-SS006-0002-01

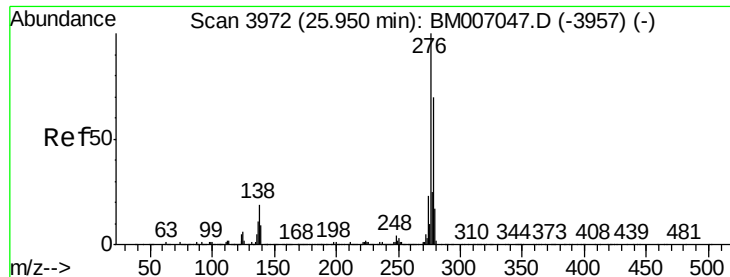
Tgt Ion:252 Resp: 454823
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 20.0 5.7 8.5#



#88
Benzo(a)pyrene
Concen: 3.22 ng/ul
RT: 23.54 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BM007068.D
Acq: 13 Aug 2016 14:22

Tgt Ion:252 Resp: 332287
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 12.0 6.6 9.8#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.97 ng/ul

RT: 25.94 min Scan# 3970

Delta R.T. -0.01 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0002-01

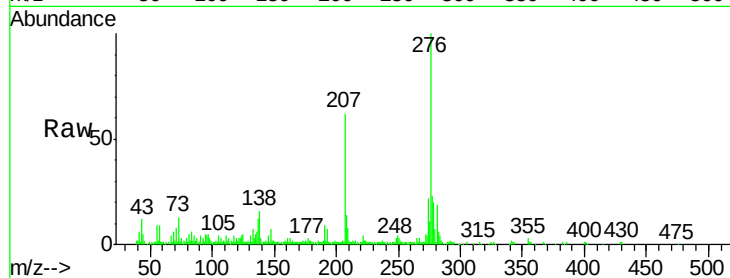
Tgt Ion: 276 Resp: 249128

Ion Ratio Lower Upper

276 100

138 15.9 13.9 20.9

277 22.9 20.1 30.1

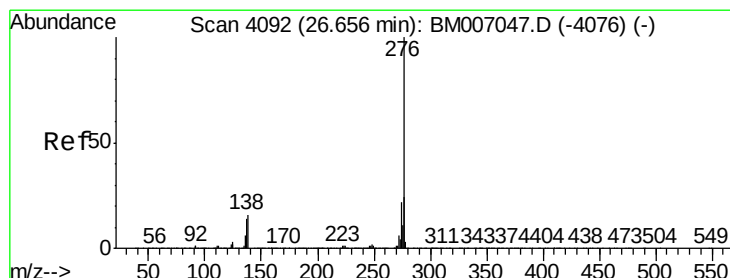
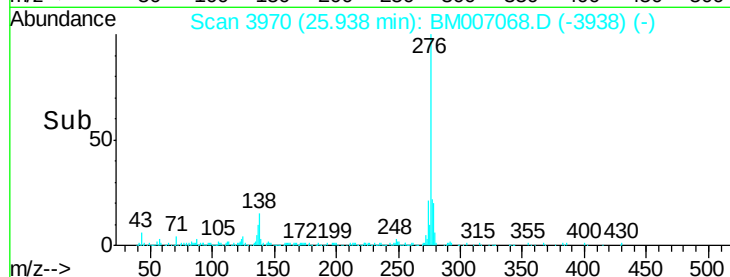
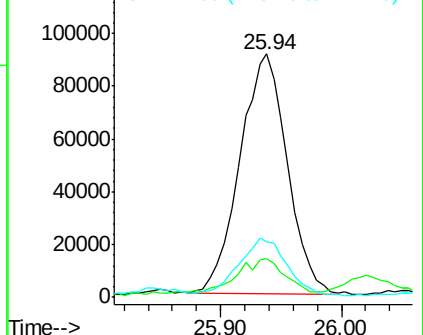


Abundance

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: 2.17 ng/ul

RT: 26.64 min Scan# 4089

Delta R.T. -0.02 min

Lab File: BM007068.D

Acq: 13 Aug 2016 14:22

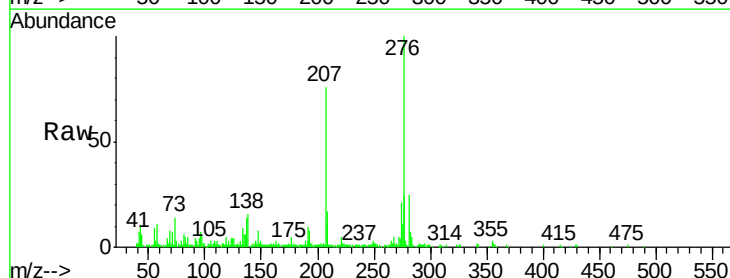
Tgt Ion: 276 Resp: 231387

Ion Ratio Lower Upper

276 100

138 15.6 13.5 20.3

277 23.9 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

