

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007063.D
 Acq On : 13 Aug 2016 11:20
 Operator : UM/SJ
 Sample : H4389-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS006-0612-01

Quant Time: Aug 15 10:19:53 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	263945	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1058711	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	599598	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1401032	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1822405	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1939296	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	30039	4.97	ng/uL	0.00
5) Phenol-d5	6.97	99	576327	26.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	344786	28.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	472777	27.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	437096	24.84	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	228140	29.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	253781	30.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	477430	27.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	489617	23.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1434966	28.96	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1774682	29.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	210258	23.68	ng/ul	0.00
57) Fluorene-d10	15.43	176	1257183	29.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	200002	25.83	ng/ul	0.00
70) Anthracene-d10	17.28	188	1956545	30.14	ng/ul	0.00
76) Pyrene-d10	19.57	212	2366803	30.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2700131	30.44	ng/ul	-0.01

Target Compounds

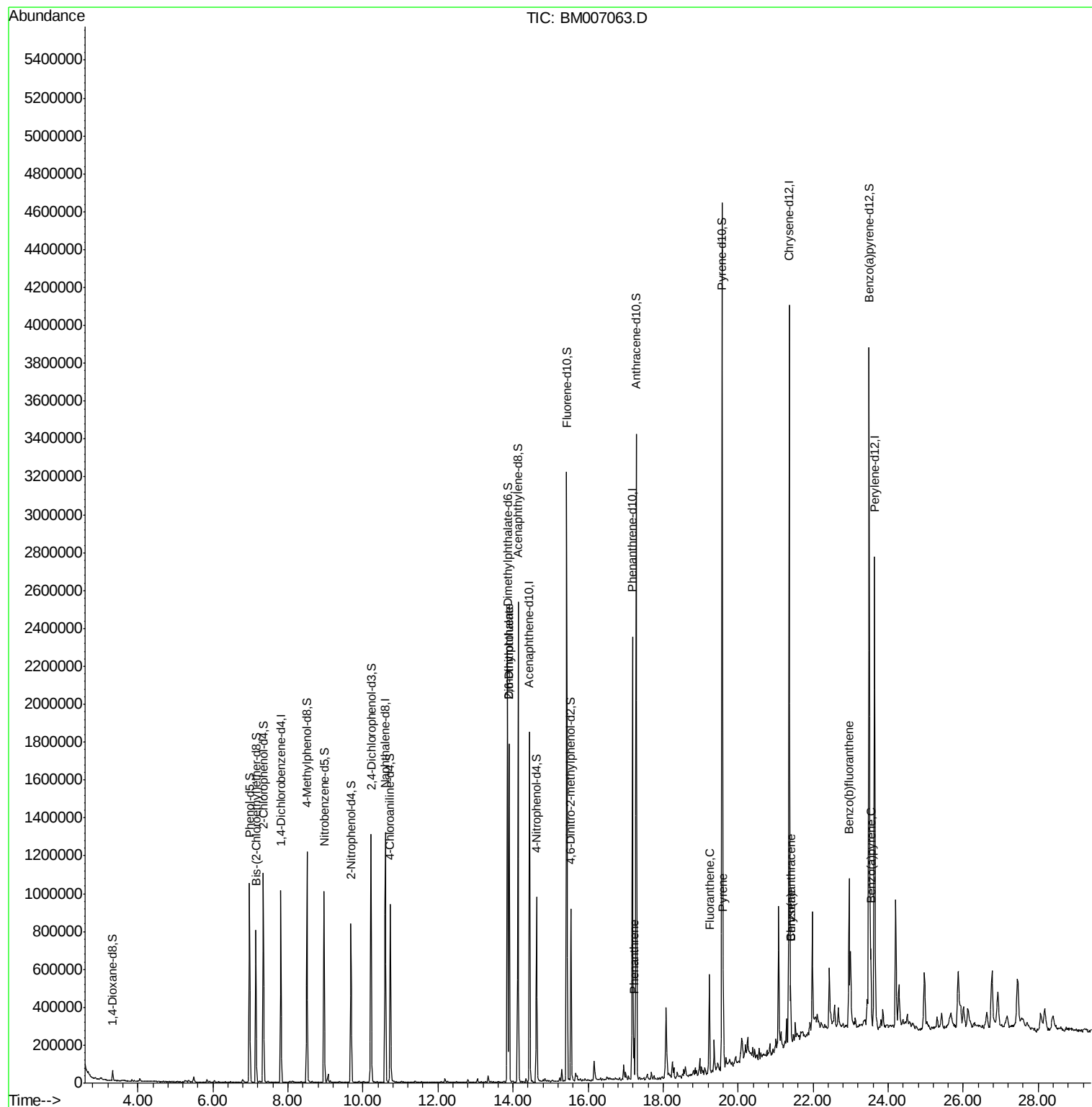
						Qvalue
44) Dimethylphthalate	13.90	163	1095693	22.13	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	11411	1.19	ng/ul#	49
69) Phenanthrene	17.22	178	134553	1.79	ng/ul	98
74) Fluoranthene	19.24	202	291506	3.19	ng/ul	99
77) Pyrene	19.60	202	299006	2.97	ng/ul	100
80) Benzo(a)anthracene	21.40	228	166216	1.54	ng/ul	96
82) Chrysene	21.40	228	166216	1.69	ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	216871	1.86	ng/ul#	96
88) Benzo(a)pyrene	23.54	252	150293	1.36	ng/ul#	97

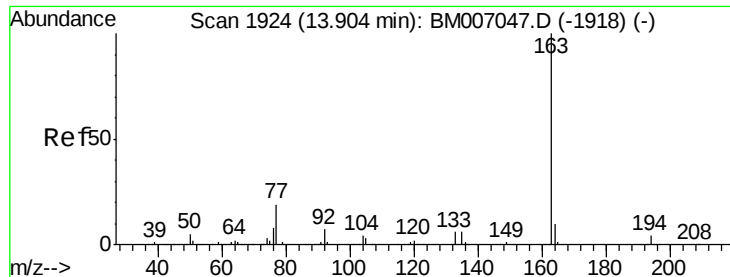
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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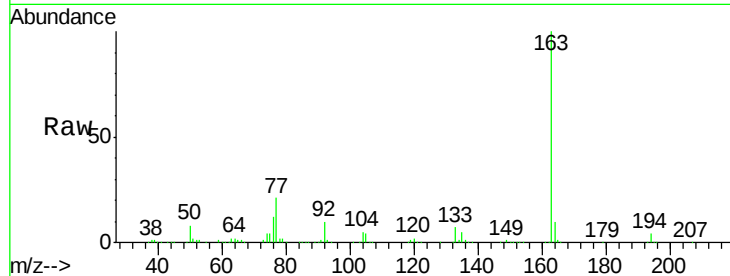




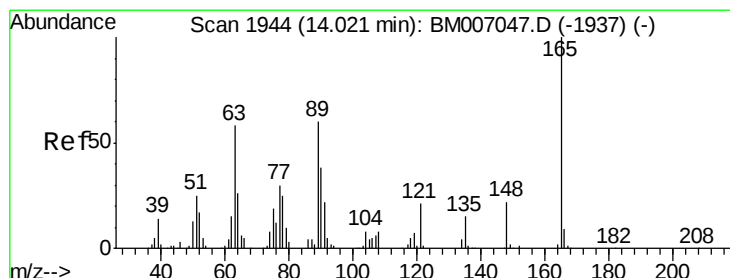
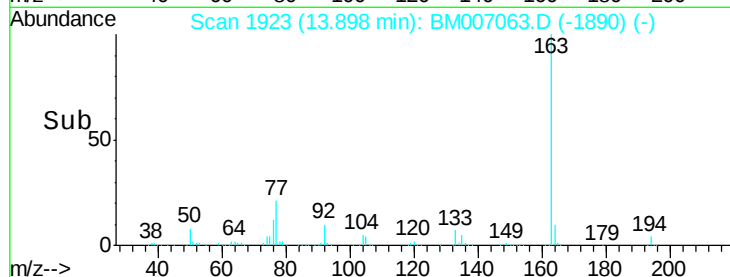
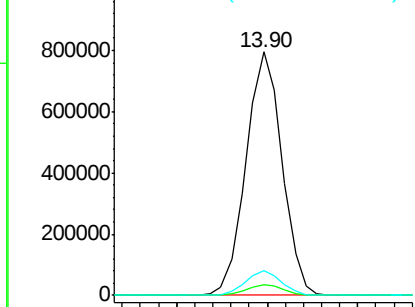
#44
Dimethylphthalate
Concen: 22.13 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM007063.D
Acq: 13 Aug 2016 11:20

Instrument :
BNA_M
ClientSampleId :
PR002-SS006-0612-01

Tgt Ion:163 Resp: 1095693
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 7.8 11.8

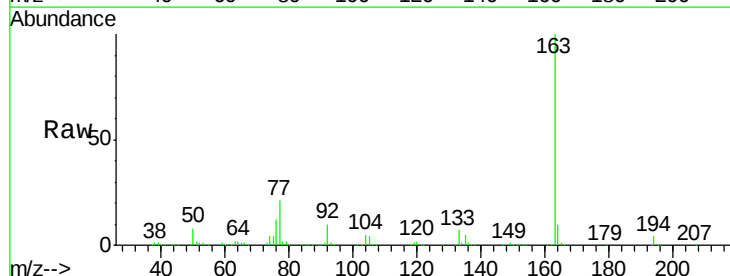


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

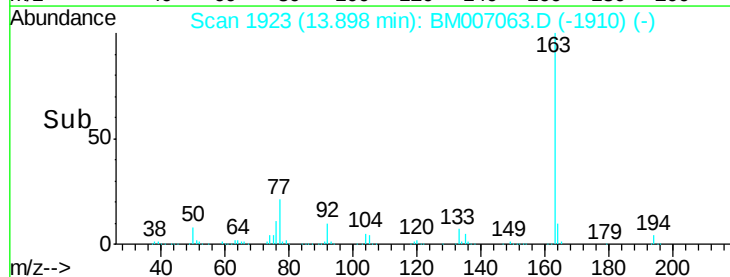
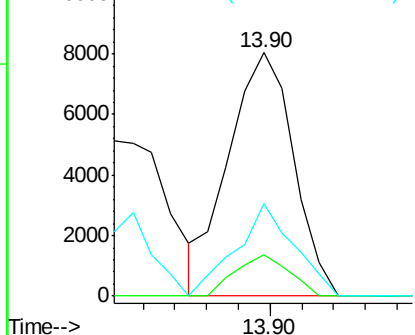


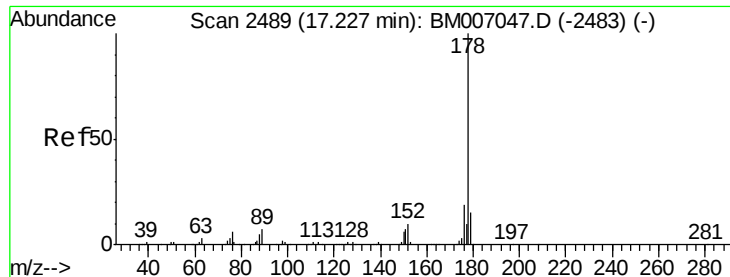
#45
2,6-Dinitrotoluene
Concen: 1.19 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.12 min
Lab File: BM007063.D
Acq: 13 Aug 2016 11:20

Tgt Ion:165 Resp: 11411
Ion Ratio Lower Upper
165 100
89 17.1 46.6 69.8#
121 38.1 16.0 24.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#69

Phenanthrene

Concen: 1.79 ng/ul

RT: 17.22 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BM007063.D

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Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0612-01

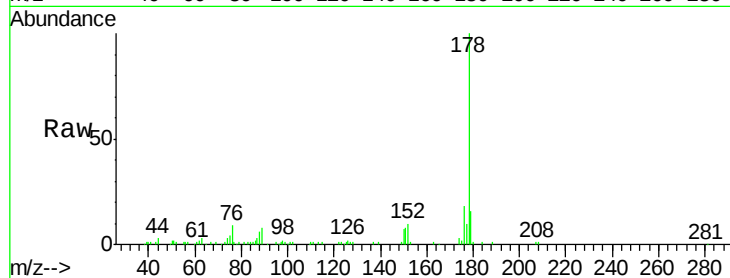
Tgt Ion:178 Resp: 134553

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

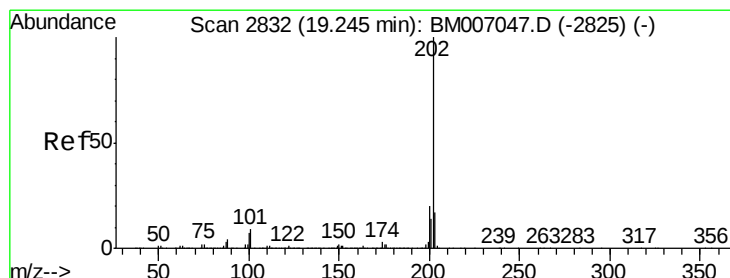
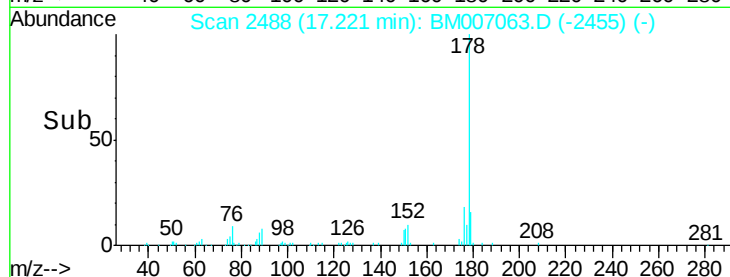
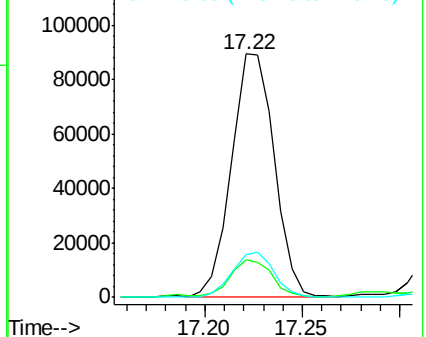
176 17.7 15.1 22.7



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: 3.19 ng/ul

RT: 19.24 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM007063.D

Acq: 13 Aug 2016 11:20

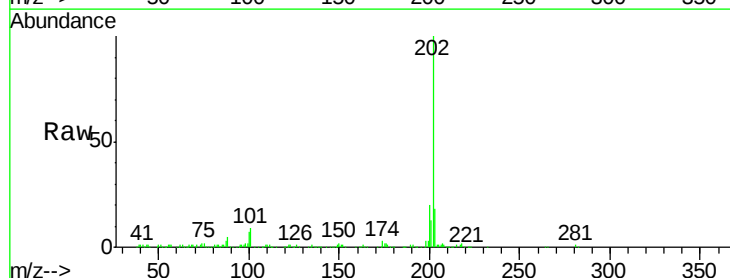
Tgt Ion:202 Resp: 291506

Ion Ratio Lower Upper

202 100

101 9.0 6.9 10.3

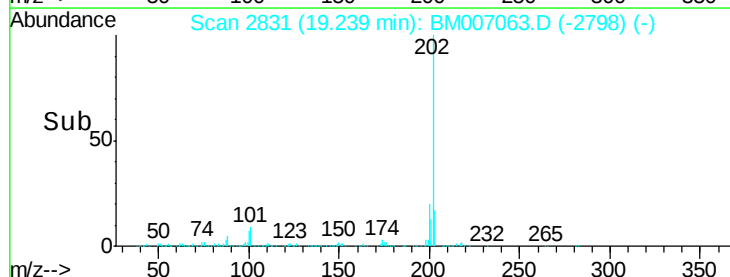
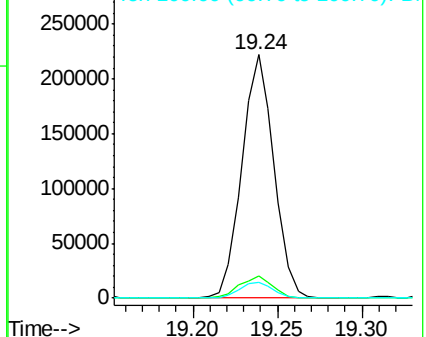
100 6.7 5.4 8.0

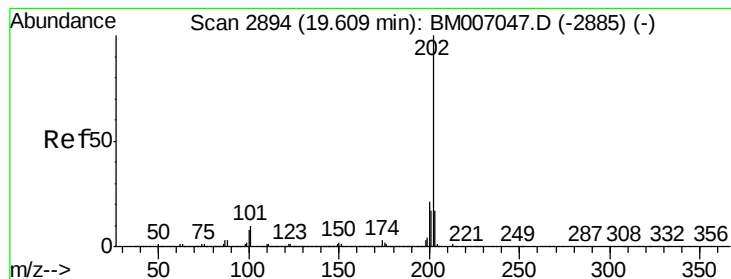


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.97 ng/ul

RT: 19.60 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BM007063.D

Acq: 13 Aug 2016 11:20

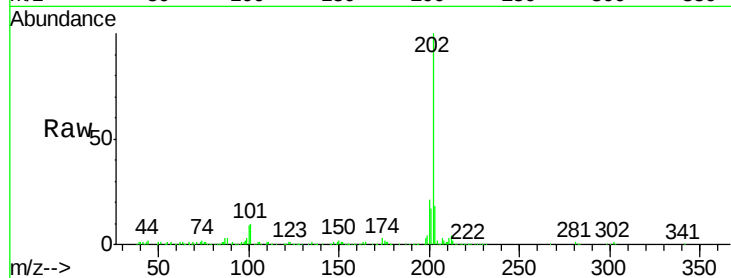
Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0612-01

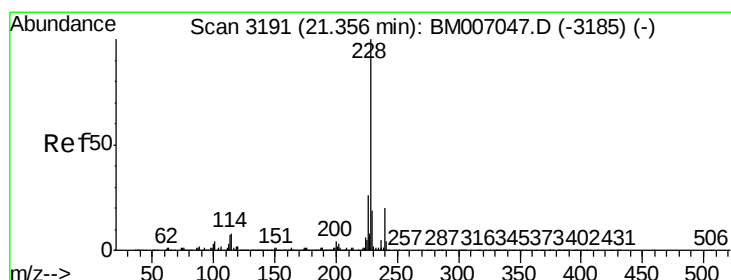
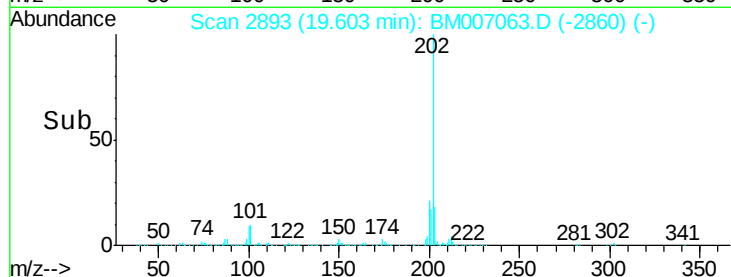
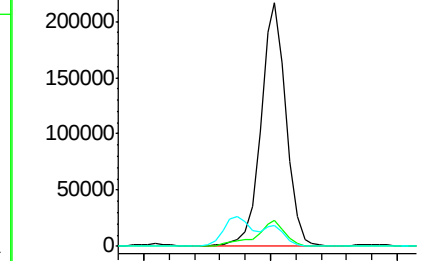
Tgt Ion:	202	Resp:	299006
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.4	12.6
100	8.7	6.9	10.3



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: 1.54 ng/ul

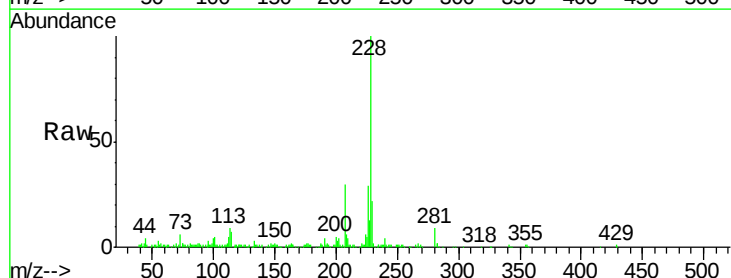
RT: 21.40 min Scan# 3198

Delta R.T. 0.04 min

Lab File: BM007063.D

Acq: 13 Aug 2016 11:20

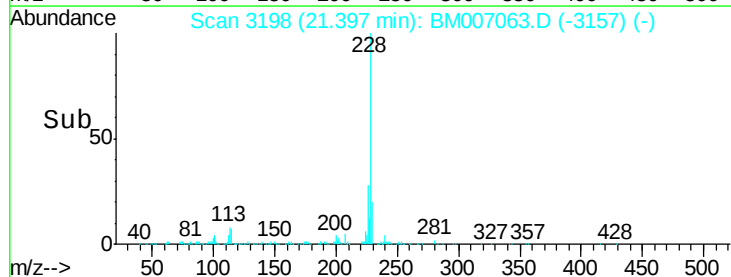
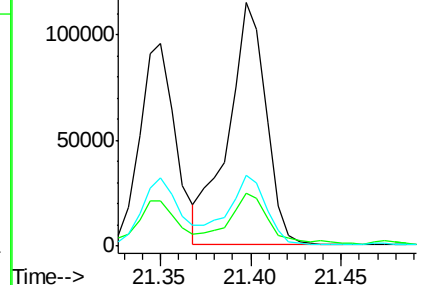
Tgt Ion:	228	Resp:	166216
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.6	23.4
226	28.9	21.8	32.8

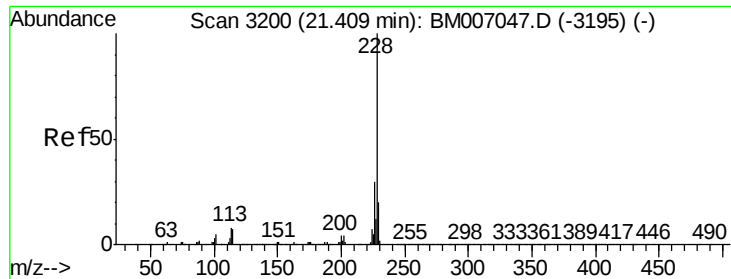


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.69 ng/ul

RT: 21.40 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BM007063.D

Acq: 13 Aug 2016 11:20

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0612-01

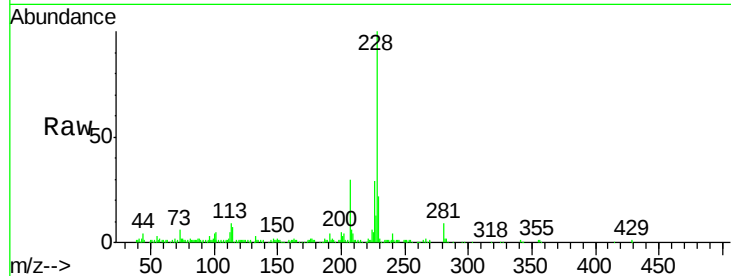
Tgt Ion: 228 Resp: 166216

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.2

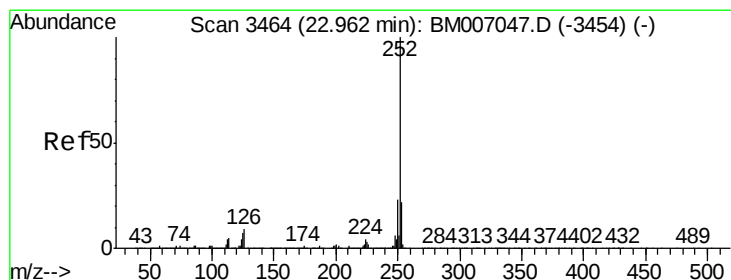
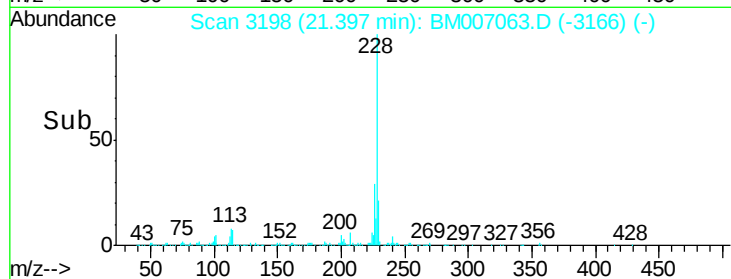
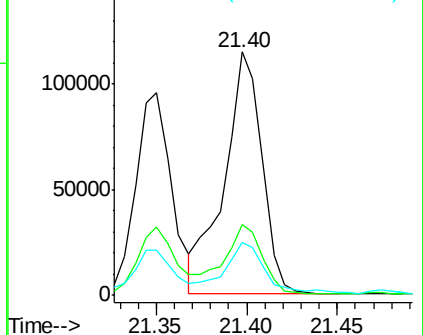
229 21.6 15.5 23.3



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: 1.86 ng/ul

RT: 22.95 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM007063.D

Acq: 13 Aug 2016 11:20

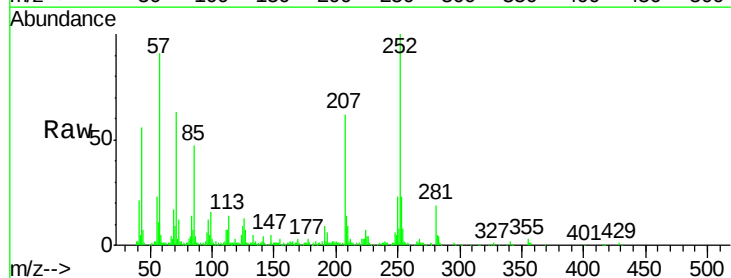
Tgt Ion: 252 Resp: 216871

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

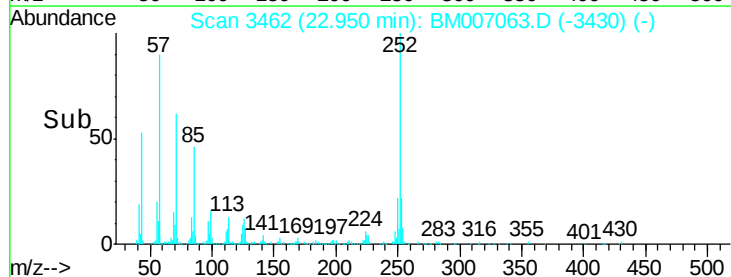
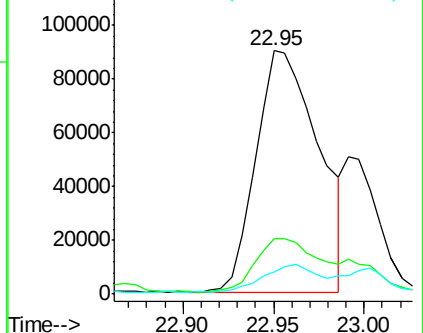
125 9.2 5.8 8.8#

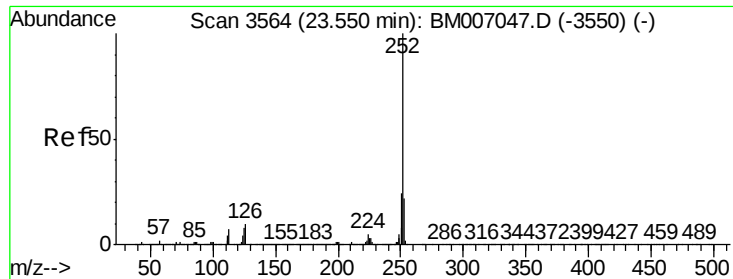


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.36 ng/ul

RT: 23.54 min Scan# 3562

Delta R.T. -0.01 min

Lab File: BM007063.D

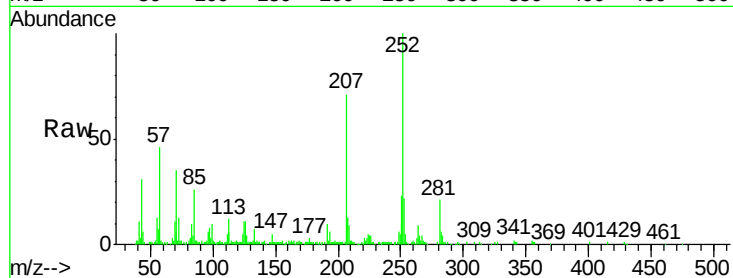
Acq: 13 Aug 2016 11:20

Instrument :

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ClientSampleId :

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Tgt Ion:	252	Resp:	150293
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	11.3	6.6	9.8#

