

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
 Data File : BM007448.D
 Acq On : 07 Sep 2016 20:42
 Operator : UM/SJ
 Sample : H4666-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3B2

Quant Time: Sep 08 03:39:22 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 08 03:10:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	228323	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1135875	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	806448	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2075438	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2636871	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	2491369	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	13933	3.12	ng/uL	0.00
5) Phenol-d5	6.96	99	297204	13.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	193730	17.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	246327	15.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	223397	11.88	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	143886	17.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	165447	16.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	307726	15.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	233117	9.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1200462	17.25	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1434010	17.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	135786	10.34	ng/ul	0.00
57) Fluorene-d10	15.42	176	1084699	18.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	179817	13.78	ng/ul	0.00
70) Anthracene-d10	17.26	188	1786880	18.43	ng/ul	0.00
76) Pyrene-d10	19.56	212	2274581	20.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2149503	18.73	ng/ul	0.00

Target Compounds

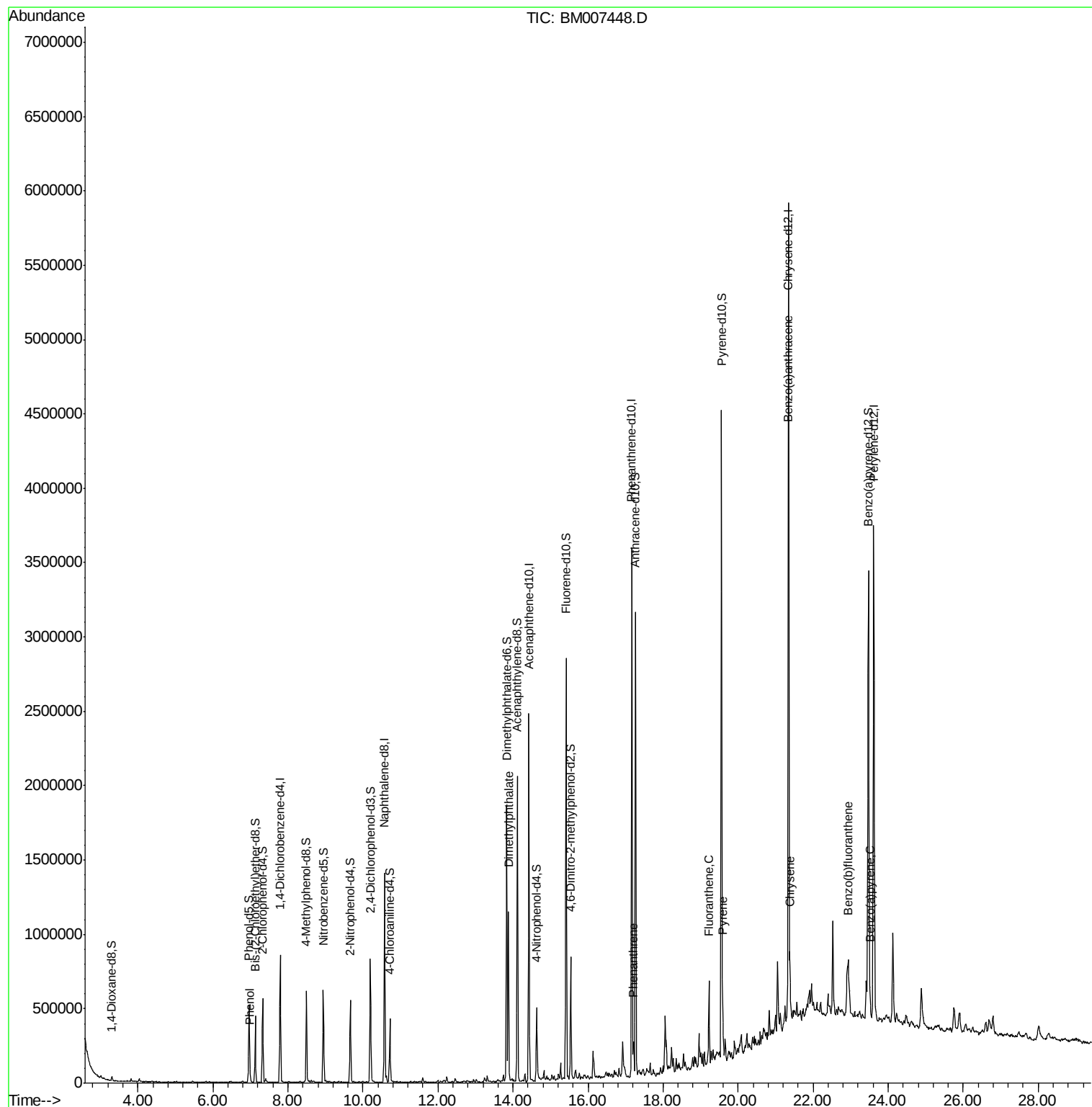
						Qvalue
6) Phenol	6.99	94	22623	1.01	ng/ul	97
44) Dimethylphthalate	13.88	163	721021	10.40	ng/ul	100
69) Phenanthrene	17.21	178	129084	1.16	ng/ul	98
74) Fluoranthene	19.22	202	265034	1.90	ng/ul	100
77) Pyrene	19.59	202	239005	1.69	ng/ul	96
80) Benzo(a)anthracene	21.33	228	194409	1.25	ng/ul#	88
82) Chrysene	21.38	228	299236	2.13	ng/ul#	92
85) Benzo(b)fluoranthene	22.93	252	342717	2.33	ng/ul	99
88) Benzo(a)pyrene	23.51	252	154585	1.10	ng/ul	96

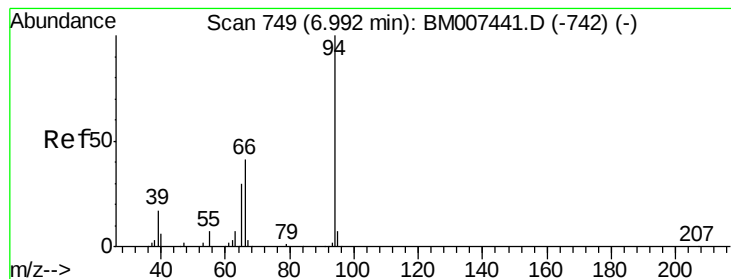
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.01 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.00 min

Lab File: BM007448.D

Acq: 07 Sep 2016 20:42

Instrument :

BNA_M

ClientSampleId :

BD3B2

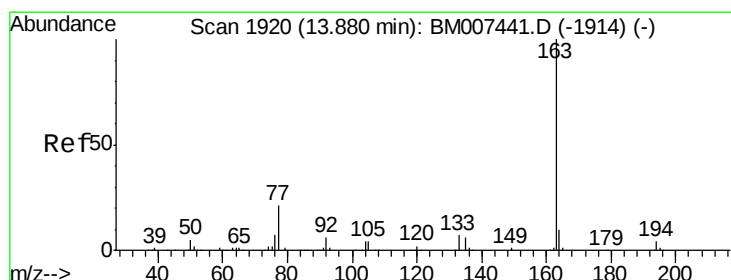
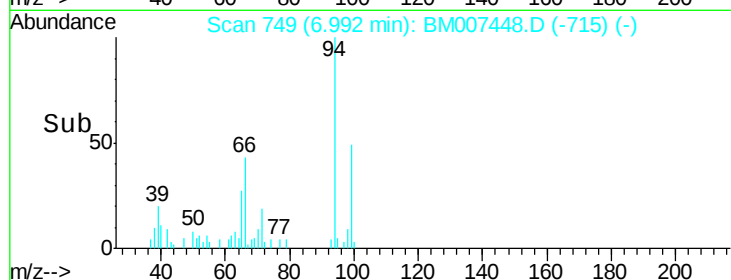
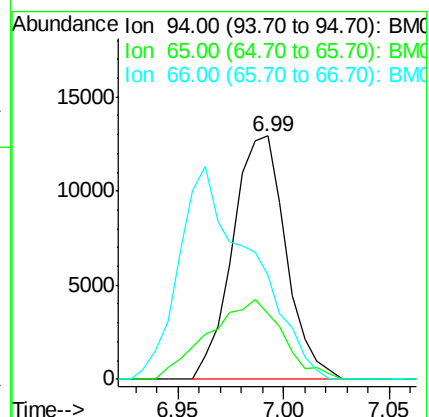
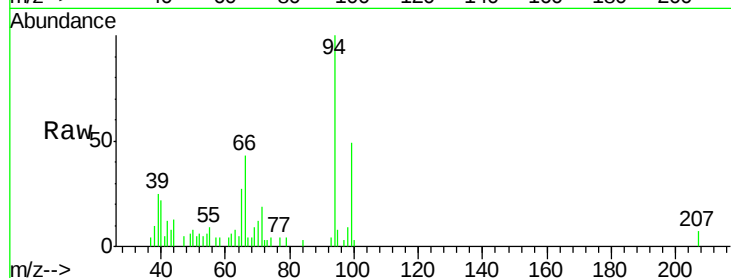
Tgt Ion: 94 Resp: 22623

Ion Ratio Lower Upper

94 100

65 26.8 23.9 35.9

66 42.6 33.5 50.3



#44

Dimethylphthalate

Concen: 10.40 ng/ul

RT: 13.88 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM007448.D

Acq: 07 Sep 2016 20:42

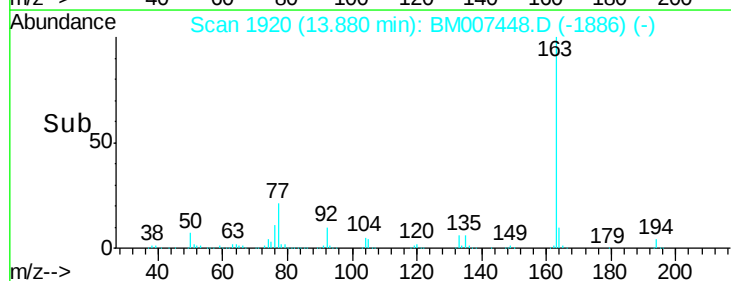
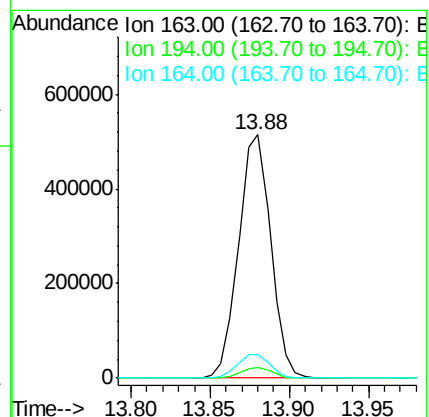
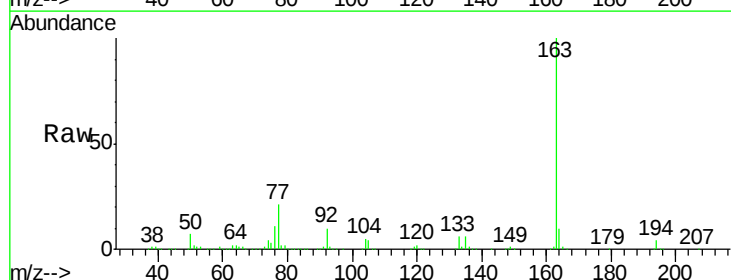
Tgt Ion: 163 Resp: 721021

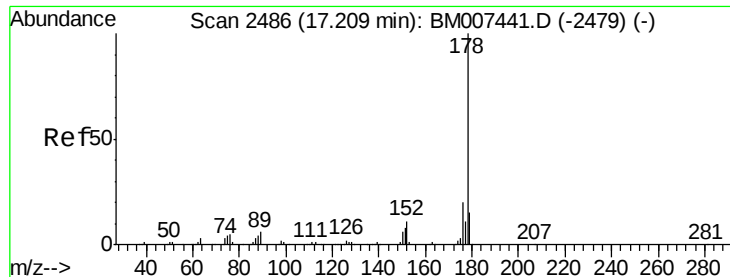
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 9.6 7.8 11.8





#69

Phenanthrene

Concen: 1.16 ng/ul

RT: 17.21 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BM007448.D

Acq: 07 Sep 2016 20:42

Instrument :

BNA_M

ClientSampleId :

BD3B2

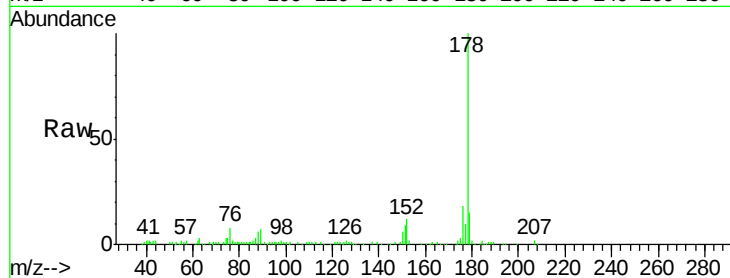
Tgt Ion:178 Resp: 129084

Ion Ratio Lower Upper

178 100

179 14.7 12.2 18.2

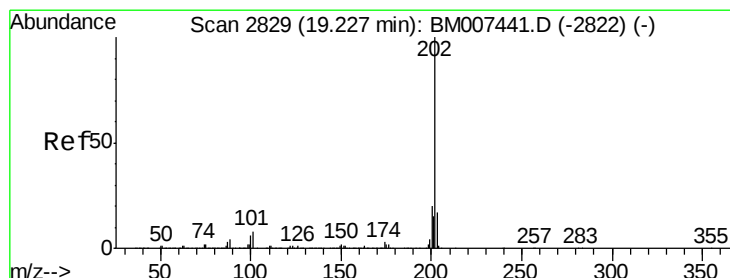
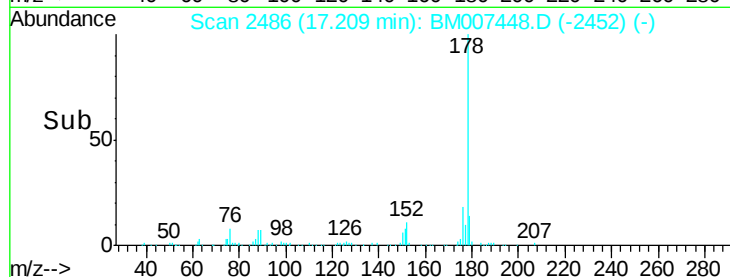
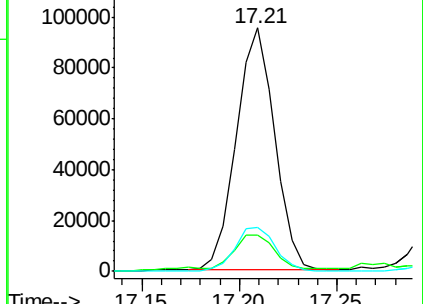
176 18.0 15.1 22.7



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: 1.90 ng/ul

RT: 19.22 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM007448.D

Acq: 07 Sep 2016 20:42

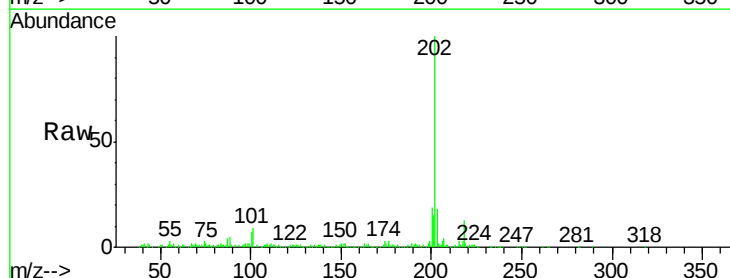
Tgt Ion:202 Resp: 265034

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

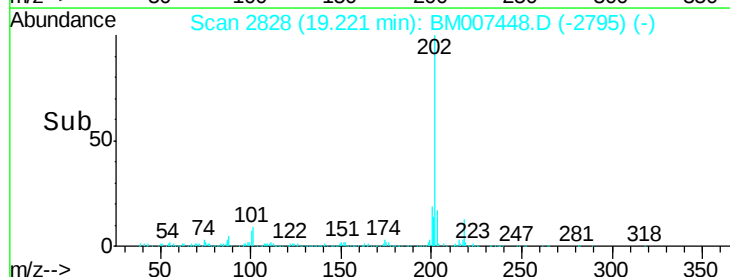
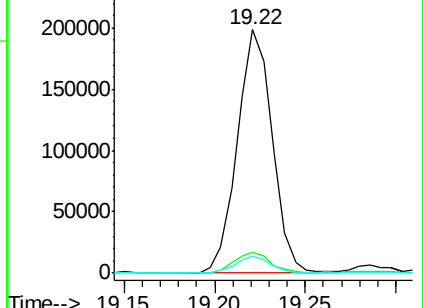
100 6.9 5.4 8.0

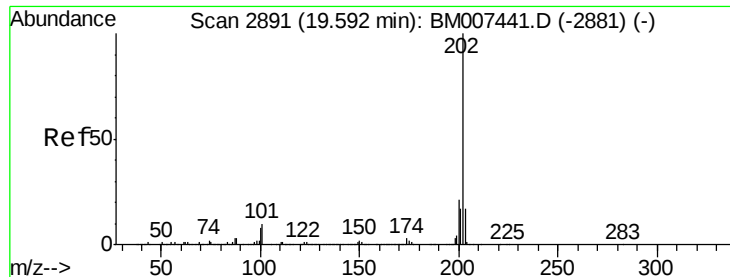


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 1.69 ng/ul

RT: 19.59 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BM007448.D

Acq: 07 Sep 2016 20:42

Instrument :

BNA_M

ClientSampleId :

BD3B2

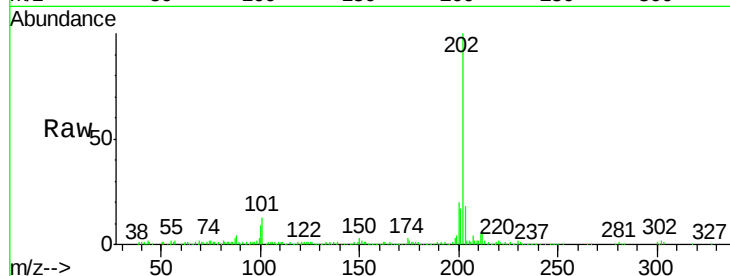
Tgt Ion:202 Resp: 239005

Ion Ratio Lower Upper

202 100

101 12.5 8.4 12.6

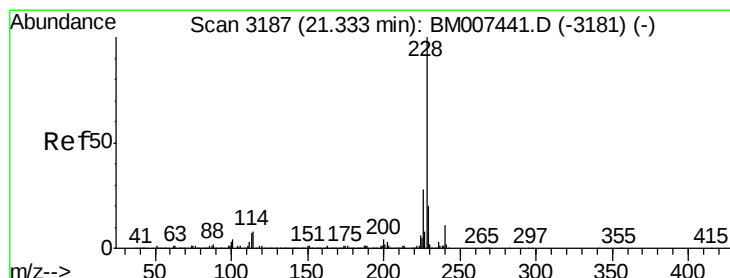
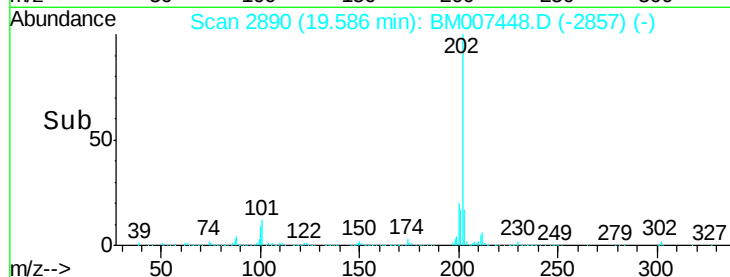
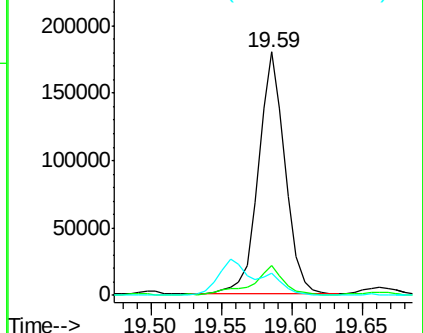
100 9.3 6.9 10.3



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: 1.25 ng/ul

RT: 21.33 min Scan# 3187

Delta R.T. 0.00 min

Lab File: BM007448.D

Acq: 07 Sep 2016 20:42

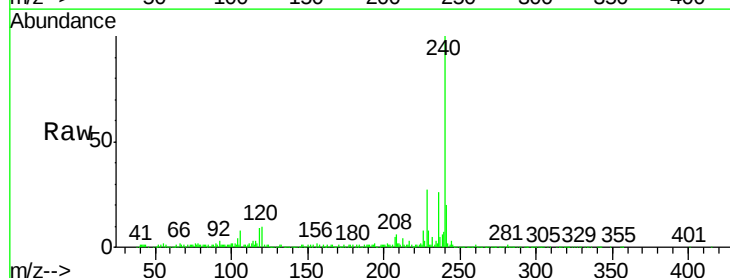
Tgt Ion:228 Resp: 194409

Ion Ratio Lower Upper

228 100

229 28.9 15.6 23.4#

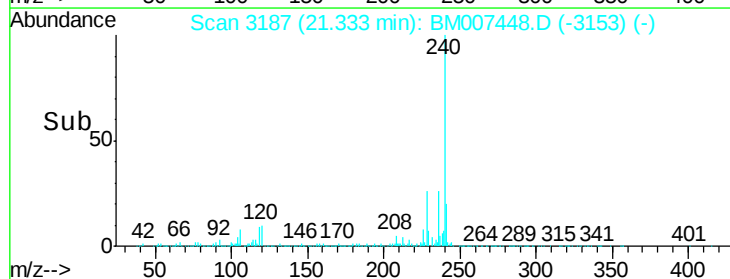
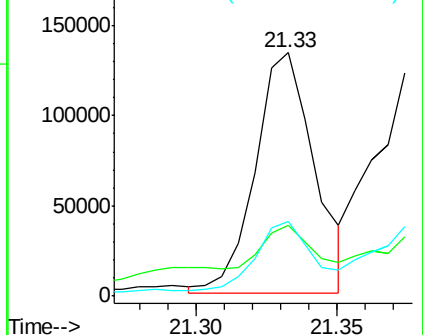
226 30.5 21.8 32.8

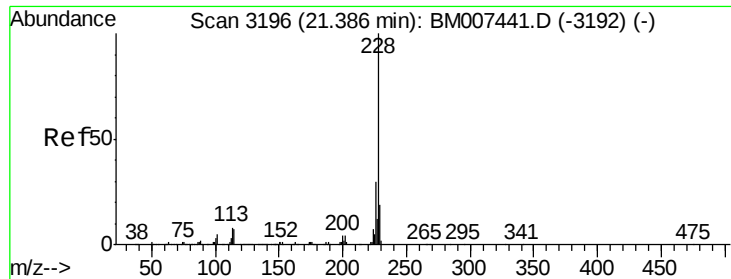


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.13 ng/ul

RT: 21.38 min Scan# 3195

Delta R.T. -0.01 min

Lab File: BM007448.D

Acq: 07 Sep 2016 20:42

Instrument :

BNA_M

ClientSampleId :

BD3B2

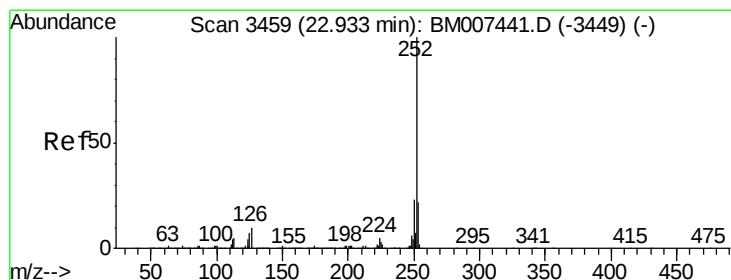
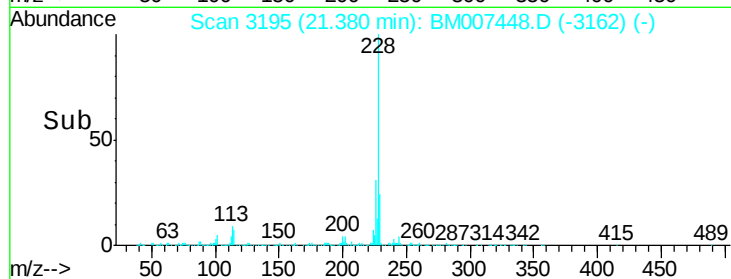
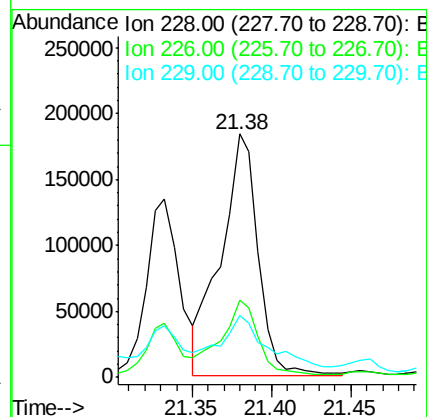
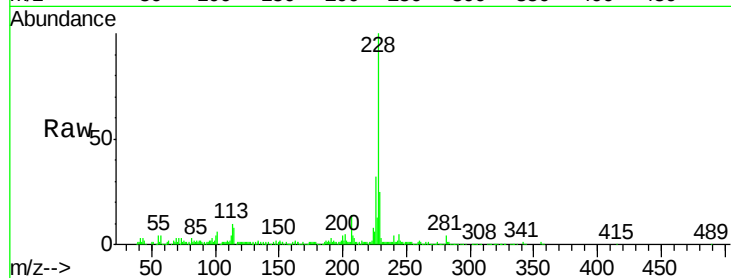
Tgt Ion:228 Resp: 299236

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.2

229 25.4 15.5 23.3#



#85

Benzo(b)fluoranthene

Concen: 2.33 ng/ul

RT: 22.93 min Scan# 3459

Delta R.T. -0.00 min

Lab File: BM007448.D

Acq: 07 Sep 2016 20:42

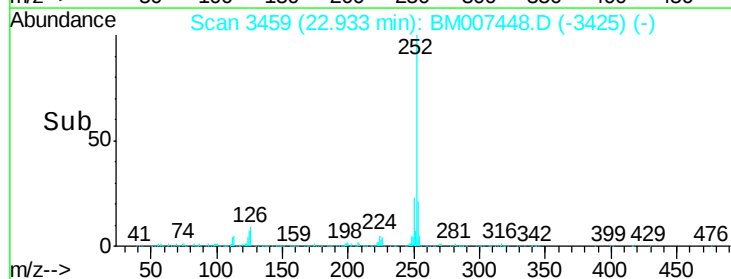
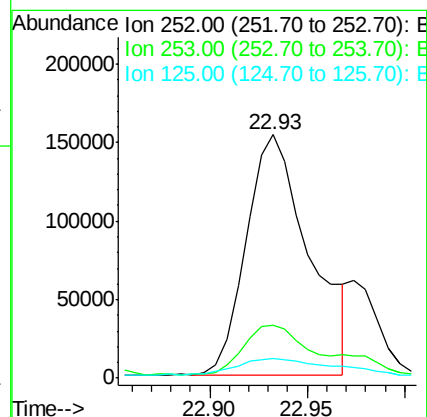
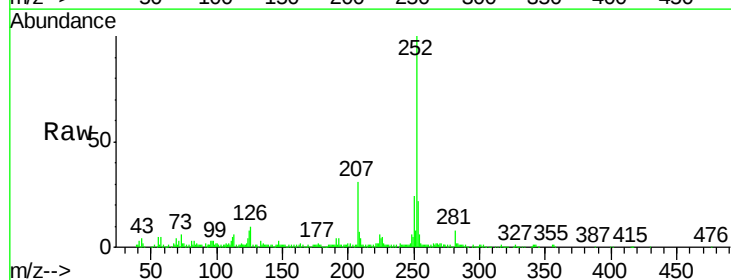
Tgt Ion:252 Resp: 342717

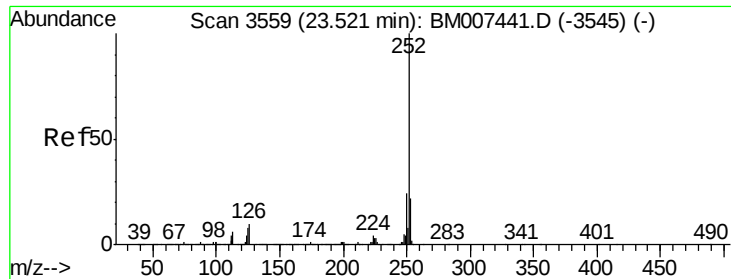
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 8.0 5.8 8.8





#88

Benzo(a)pyrene

Concen: 1.10 ng/ul

RT: 23.51 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BM007448.D

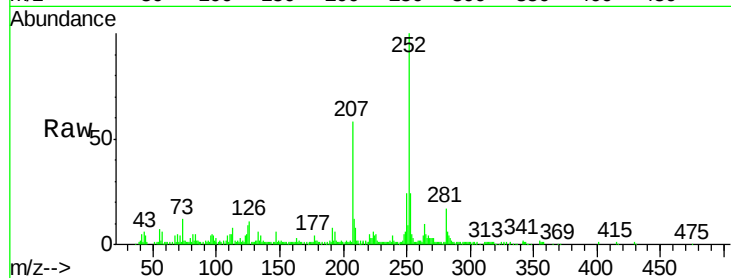
Acq: 07 Sep 2016 20:42

Instrument :

BNA_M

ClientSampleId :

BD3B2



Tgt Ion: 252 Resp: 154585

Ion Ratio Lower Upper

252 100

253 24.2 17.7 26.5

125 8.6 6.6 9.8

