

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
 Data File : BM011690.D
 Acq On : 22 Sep 2017 13:24
 Operator : SJ/JU
 Sample : I5284-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 23:53:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 23:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	392826	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1759169	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	953315	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1970777	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1371832	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1308371	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	37837	4.33	ng/uL	0.00
5) Phenol-d5	7.11	99	916020	24.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	683315	26.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	748397	26.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	616289	20.93	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	375728	28.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	399108	28.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	698375	24.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	720039	23.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	2142971	26.59	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2663903	27.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	308572	20.37	ng/ul	0.00
58) Fluorene-d10	15.58	176	1825482	26.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	214637	18.72	ng/ul	0.00
71) Anthracene-d10	17.43	188	2564242	26.42	ng/ul	0.00
79) Pyrene-d10	19.72	212	2488051	38.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	1708242	27.40	ng/ul	0.00

Target Compounds

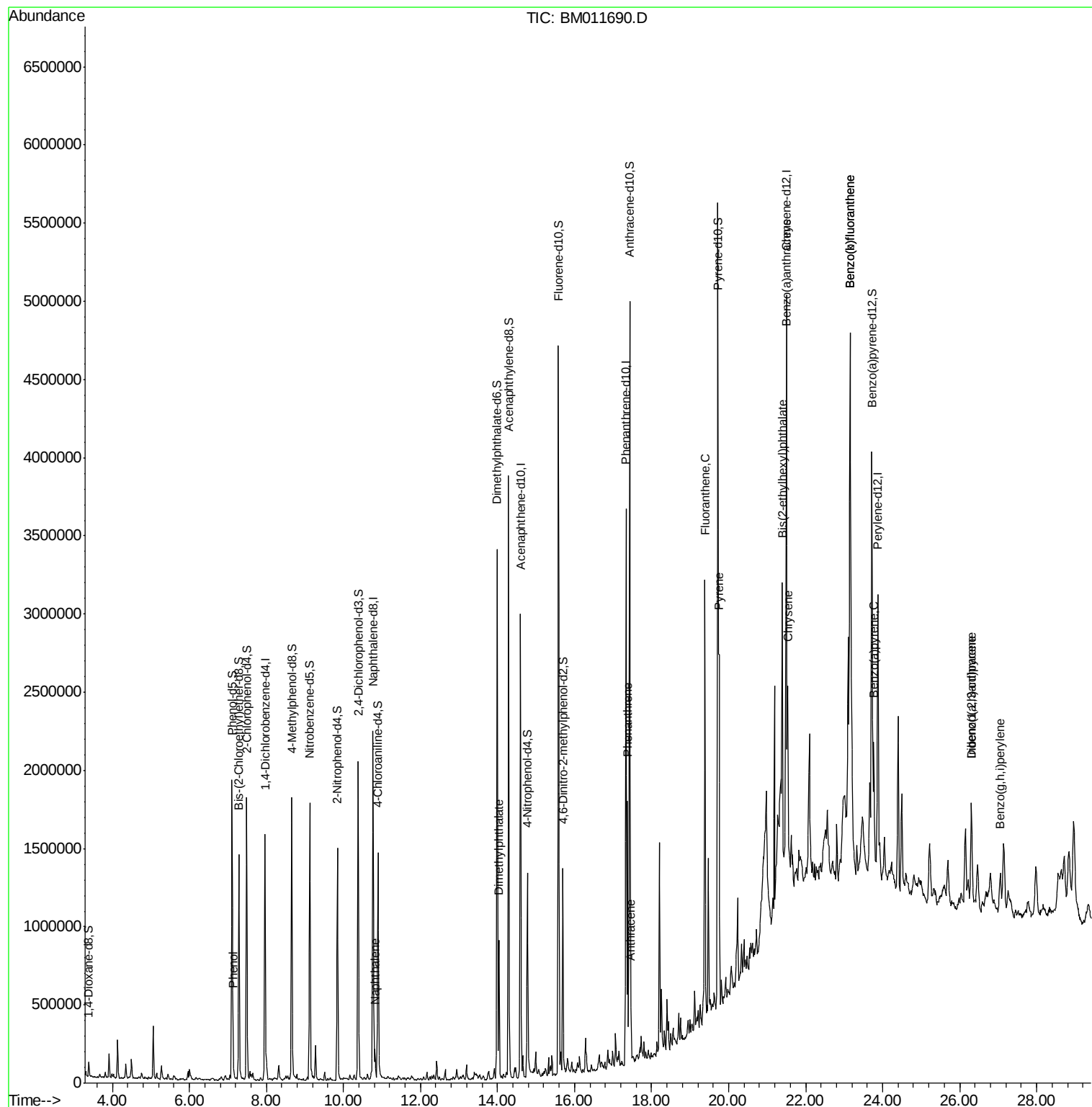
					Ovalue	
6) Phenol	7.14	94	52887	1.412	ng/ul#	87
28) Naphthalene	10.82	128	135266	1.483	ng/ul	99
45) Dimethylphthalate	14.04	163	496721	6.437	ng/ul#	98
70) Phenanthrene	17.37	178	961684	8.755	ng/ul	99
72) Anthracene	17.47	178	203026	1.801	ng/ul	99
77) Fluoranthene	19.39	202	1561269	13.818	ng/ul#	93
80) Pyrene	19.75	202	1317087	16.456	ng/ul#	90
83) Benzo(a)anthracene	21.49	228	611120	8.091	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.39	149	479570	8.484	ng/ul#	94
85) Chrysene	21.54	228	585863	8.556	ng/ul	97
88) Benzo(b)fluoranthene	23.15	252	788980	10.024	ng/ul#	90
89) Benzo(k)fluoranthene	23.15	252	788980	10.437	ng/ul#	89
91) Benzo(a)pyrene	23.77	252	510435	6.870	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.30	276	362471	4.435	ng/ul#	90
93) Dibenzo(a,h)anthracene	26.31	278	105226	1.518	ng/ul#	82
94) Benzo(g,h,i)perylene	27.05	276	349191	5.276	ng/ul#	90

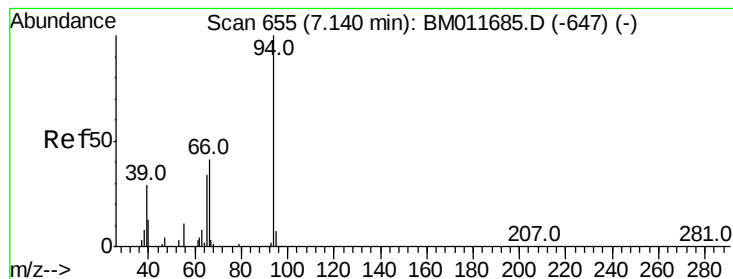
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.412 ng/ul

RT: 7.14 min Scan# 655

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

Instrument :

BNA_M

ClientSampleId :

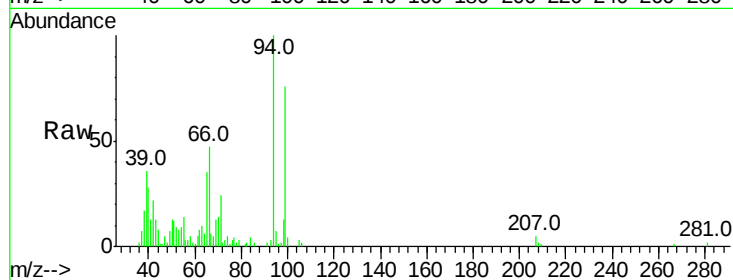
Tot Ion: 94 Resp: 52887

Ion Ratio Lower Upper

94 100

65 34.6 23.0 34.6#

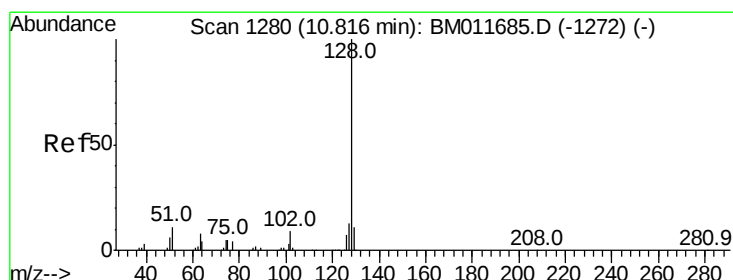
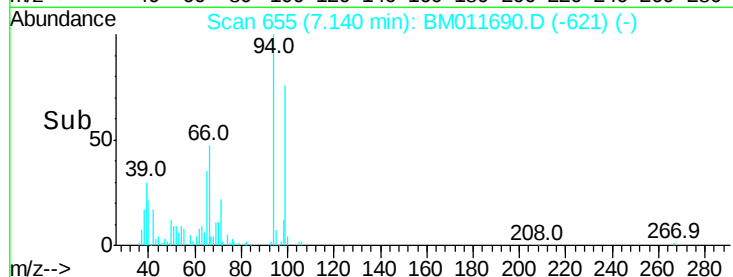
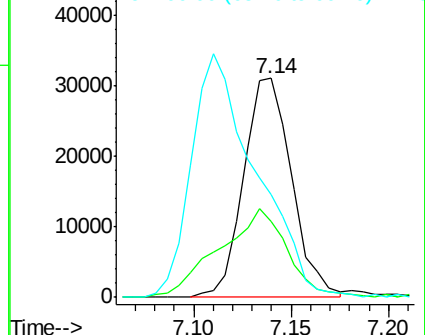
66 47.1 30.4 45.6#



Abundance Ion 94.00 (93.70 to 94.70): BM011685.D (-647) (-)

Ion 65.00 (64.70 to 65.70): BM011685.D (-647) (-)

Ion 66.00 (65.70 to 66.70): BM011685.D (-647) (-)



#28

Naphthalene

Concen: 1.483 ng/ul

RT: 10.82 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

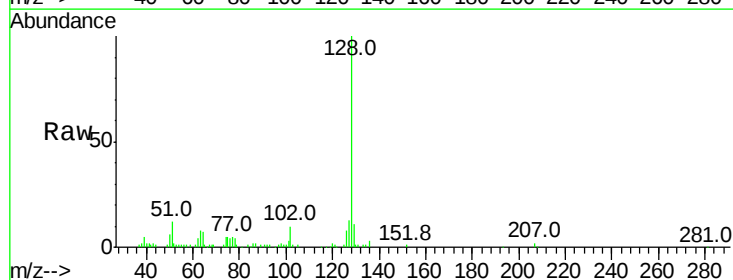
Tgt Ion:128 Resp: 135266

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

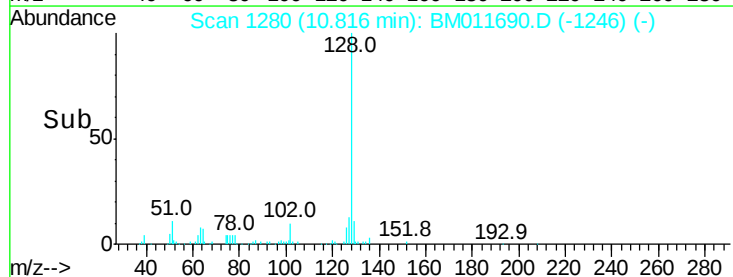
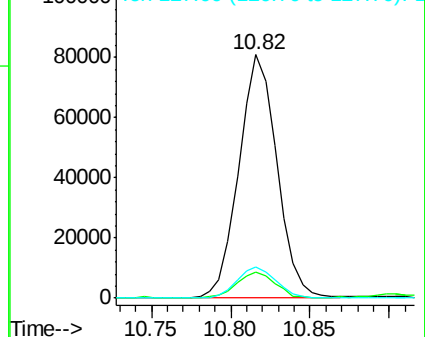
127 13.0 10.8 16.2

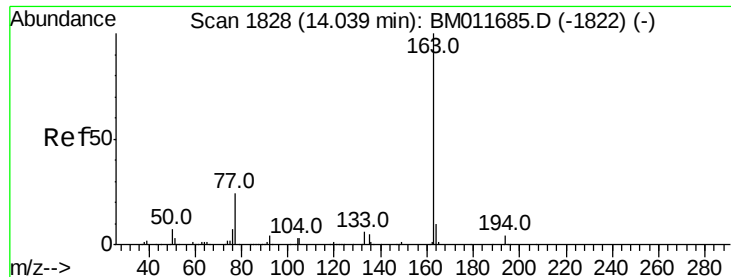


Abundance Ion 128.00 (127.70 to 128.70): BM011685.D (-1272) (-)

Ion 129.00 (128.70 to 129.70): BM011685.D (-1272) (-)

Ion 127.00 (126.70 to 127.70): BM011685.D (-1272) (-)

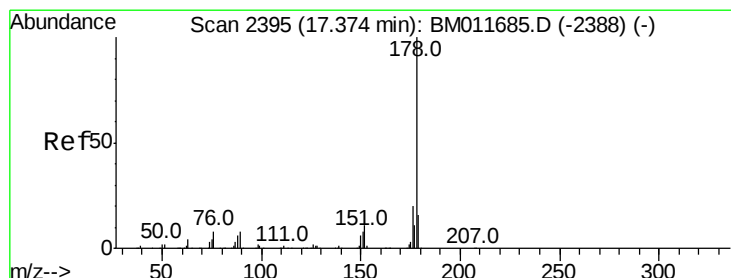
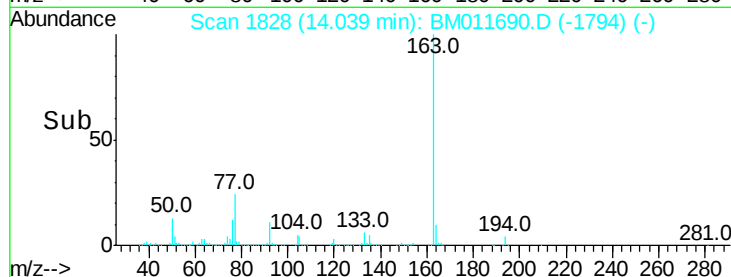
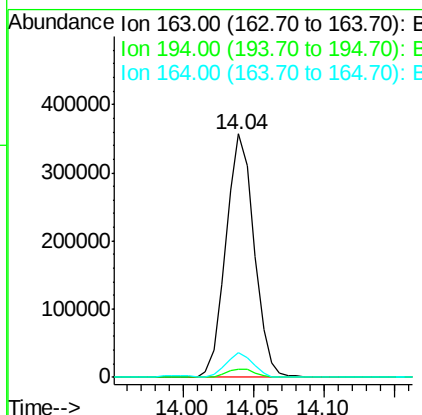
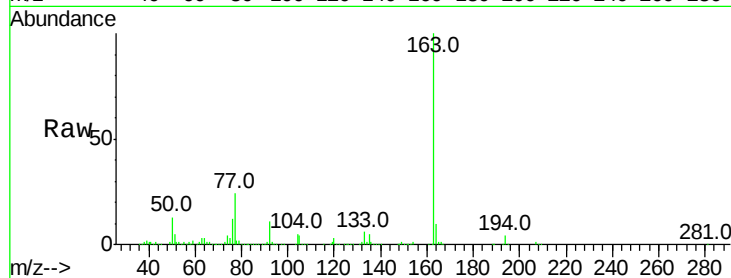




#45
Dimethylphthalate
Concen: 6.437 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BM011690.D
Acq: 22 Sep 2017 13:24

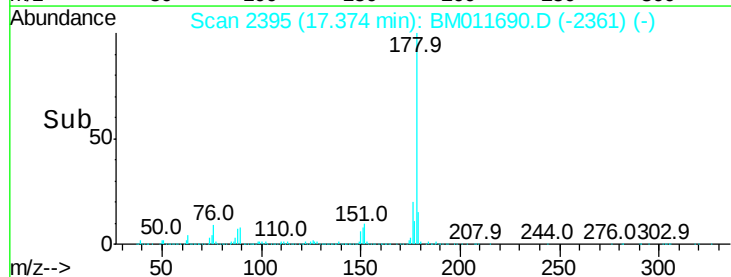
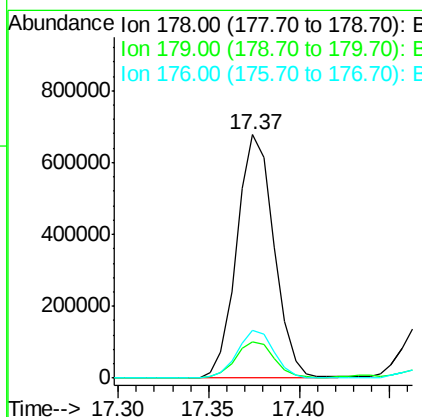
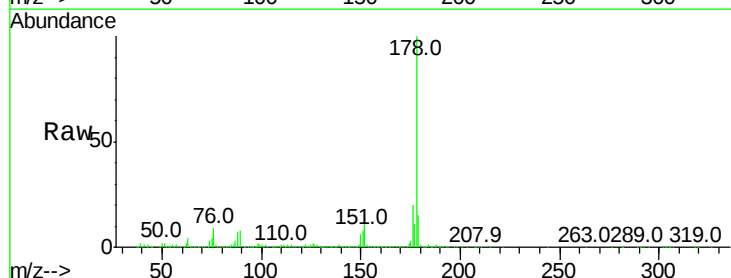
Instrument :
BNA_M
ClientSampleId :

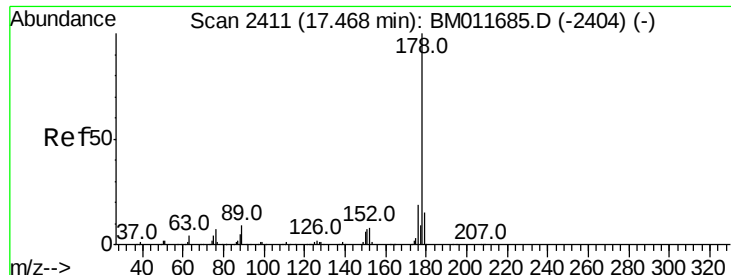
Tot Ion:163 Resp: 496721
Ion Ratio Lower Upper
163 100
194 3.6 4.0 6.0#
164 10.3 8.4 12.6



#70
Phenanthrene
Concen: 8.755 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM011690.D
Acq: 22 Sep 2017 13:24

Tgt Ion:178 Resp: 961684
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 19.7 15.4 23.0





#72

Anthracene

Concen: 1.801 ng/ul

RT: 17.47 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

Instrument :

BNA_M

ClientSampleId :

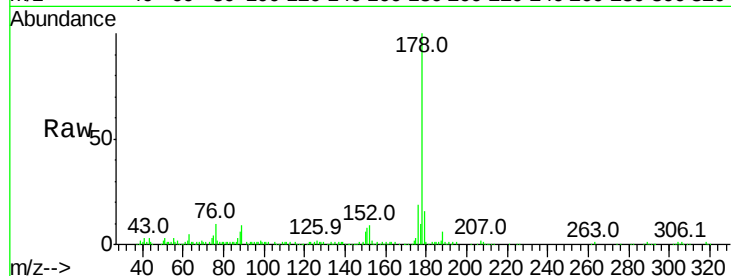
Tot Ion:178 Resp: 203026

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.4	20.2
176	19.2	15.4	23.0

178 100

179 15.9 13.4 20.2

176 19.2 15.4 23.0

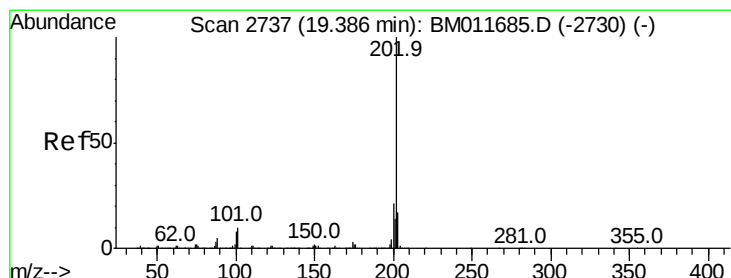
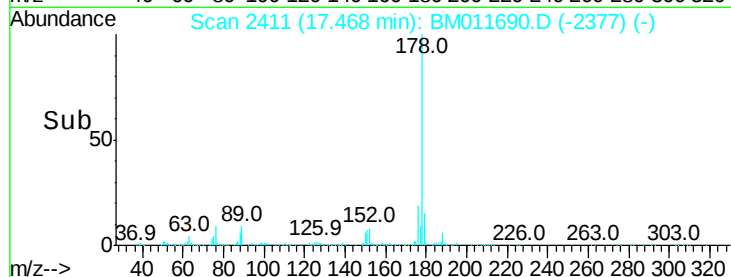
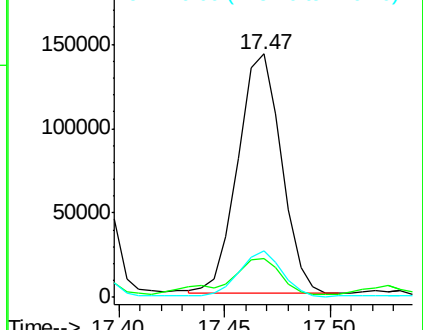


Abundance

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



#77

Fluoranthene

Concen: 13.818 ng/ul

RT: 19.39 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

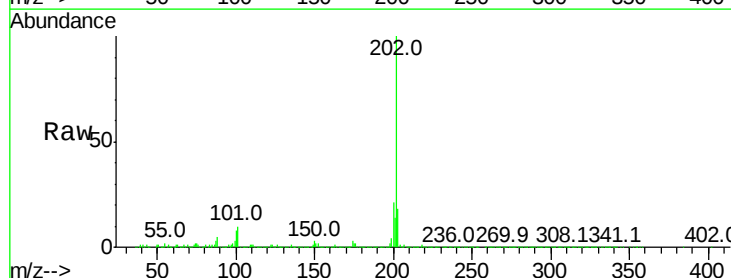
Tgt Ion:202 Resp: 1561269

Ion	Ratio	Lower	Upper
202	100		
101	10.4	6.1	9.1#
100	8.0	4.6	7.0#

202 100

101 10.4 6.1 9.1#

100 8.0 4.6 7.0#

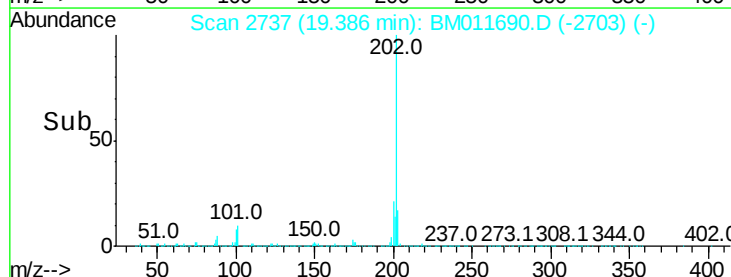
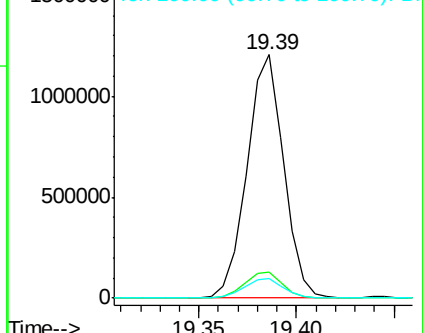


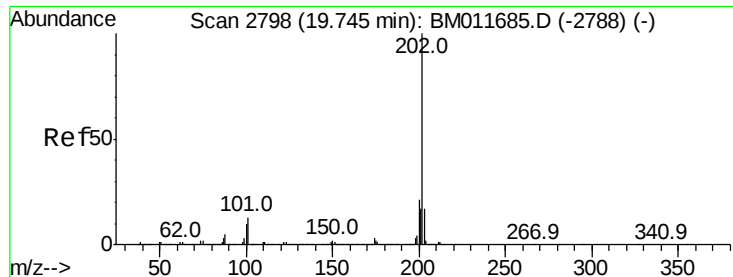
Abundance

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

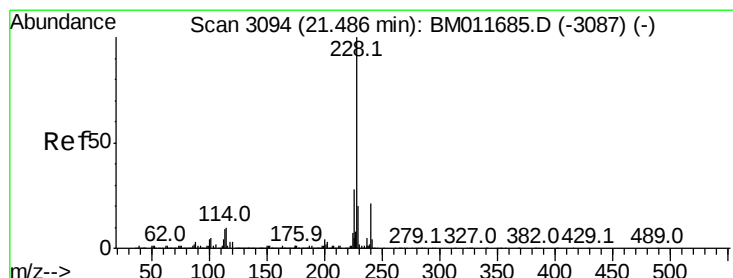
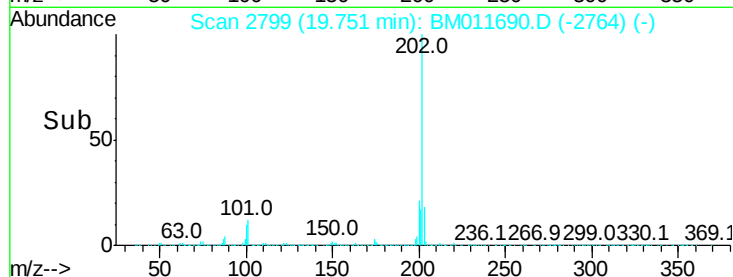
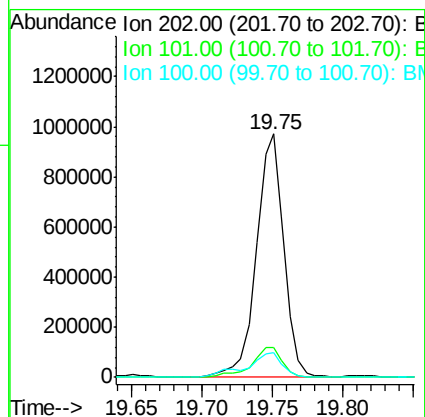
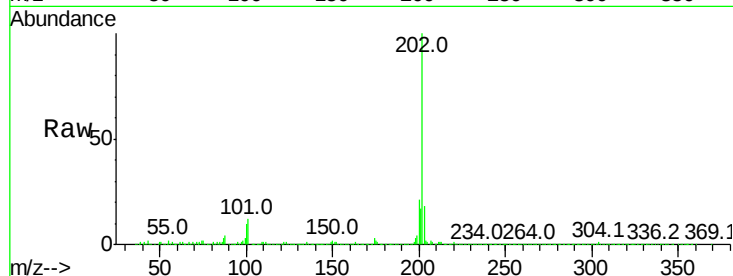




#80
Pvrene
Concen: 16.456 ng/ul
RT: 19.75 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BM011690.D
Acq: 22 Sep 2017 13:24

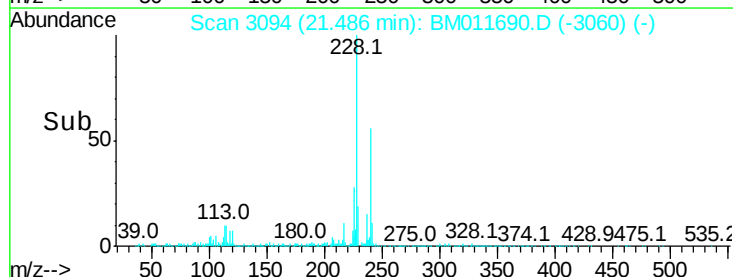
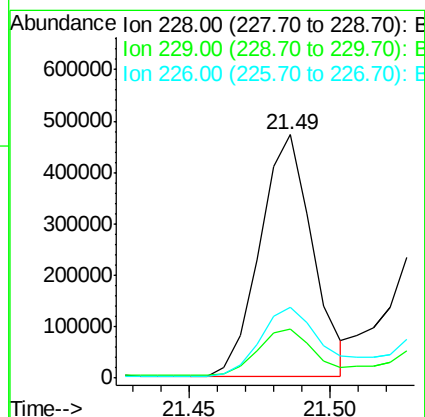
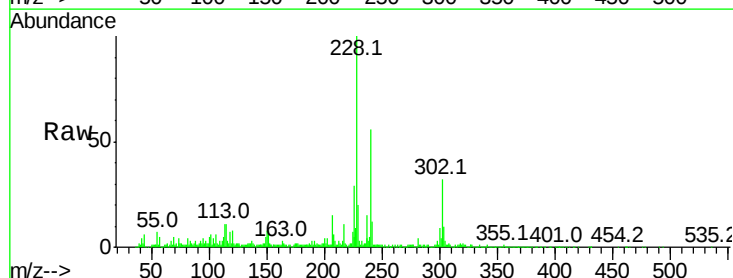
Instrument :
BNA_M
ClientSampleId :

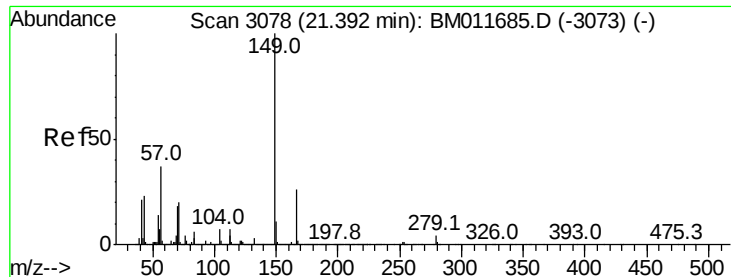
Tot Ion:202 Resp: 1317087
Ion Ratio Lower Upper
202 100
101 12.3 6.9 10.3#
100 9.9 5.6 8.4#



#83
Benzo(a)anthracene
Concen: 8.091 ng/ul
RT: 21.49 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM011690.D
Acq: 22 Sep 2017 13:24

Tgt Ion:228 Resp: 611120
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 29.0 21.8 32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.484 ng/ul

RT: 21.39 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

Instrument :

BNA_M

ClientSampleId :

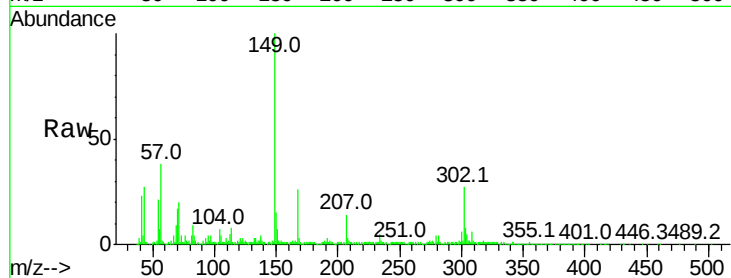
Tot Ion:149 Resp: 479570

Ion Ratio Lower Upper

149 100

167 25.7 23.0 34.6

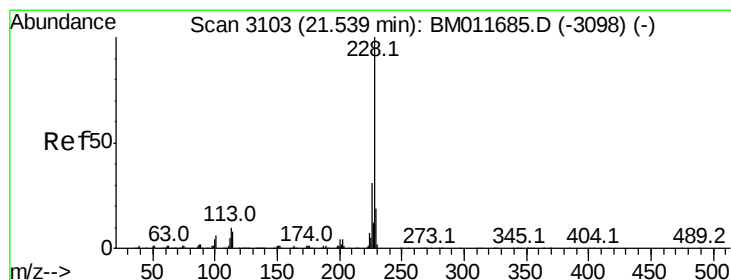
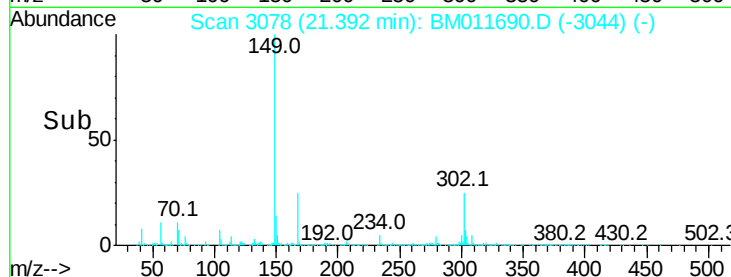
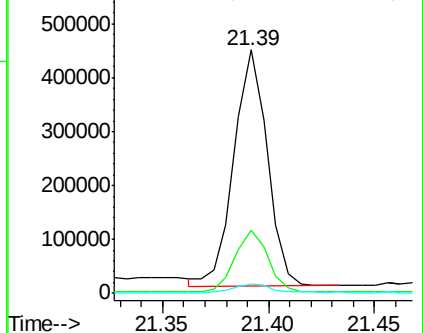
279 3.7 4.3 6.5#



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



#85

Chrysene

Concen: 8.556 ng/ul

RT: 21.54 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

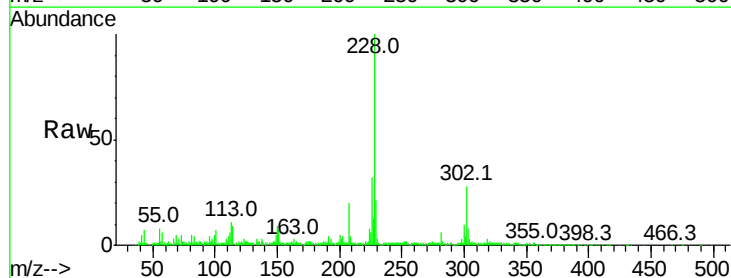
Tgt Ion:228 Resp: 585863

Ion Ratio Lower Upper

228 100

226 31.5 24.1 36.1

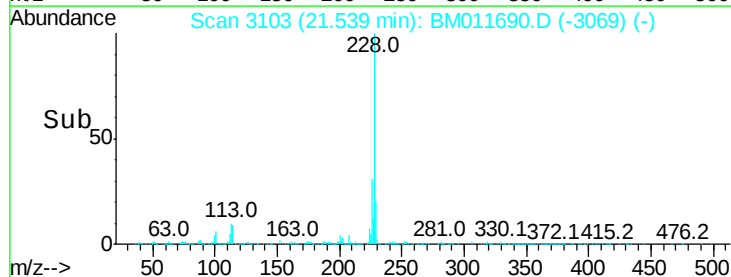
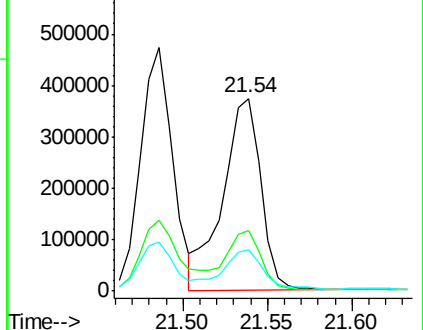
229 21.3 16.0 24.0

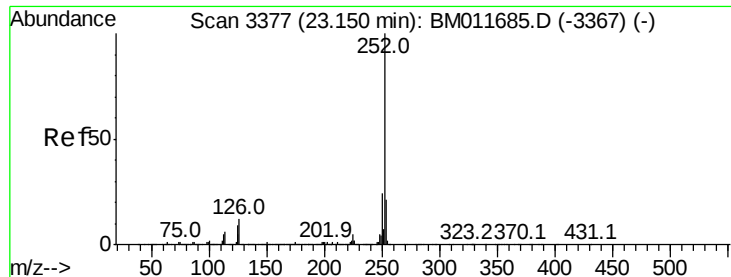


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 10.024 ng/ul

RT: 23.15 min Scan# 3377

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

Instrument :

BNA_M

ClientSampleId :

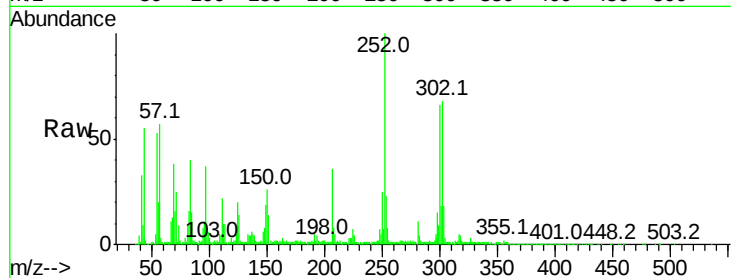
Tot Ion:252 Resp: 788980

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

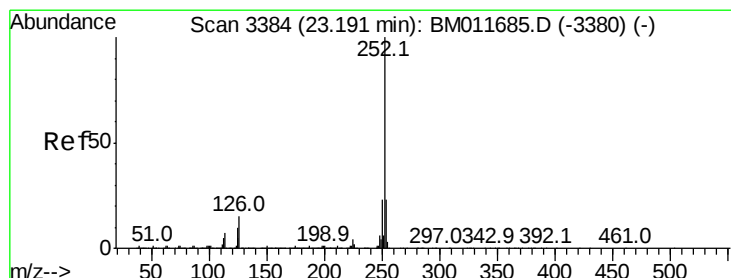
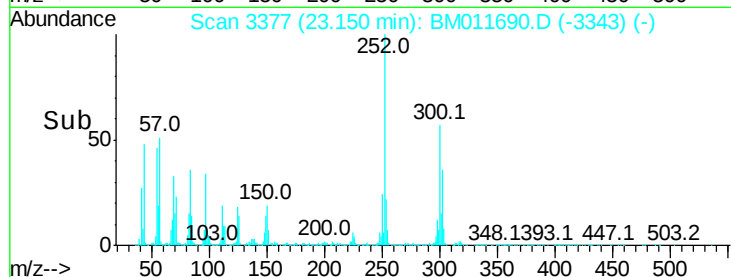
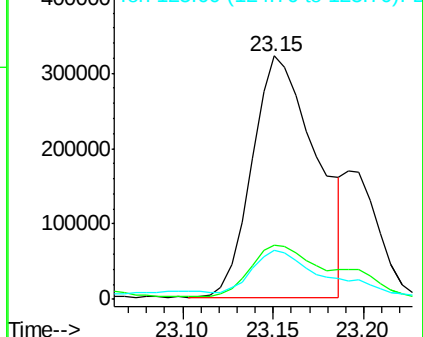
125 20.1 4.9 7.3#



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

Benzo(k)fluoranthene

Concen: 10.437 ng/ul

RT: 23.15 min Scan# 3377

Delta R.T. -0.04 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

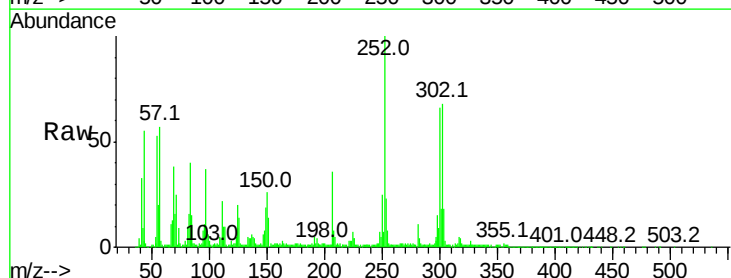
Tgt Ion:252 Resp: 788980

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

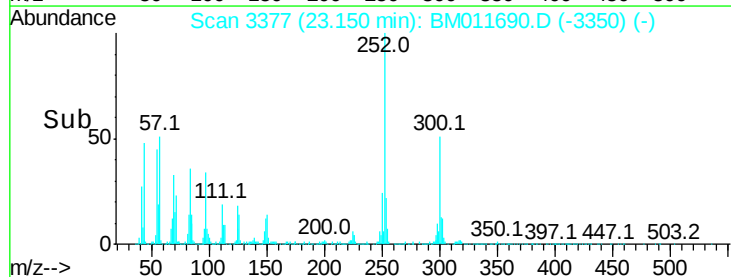
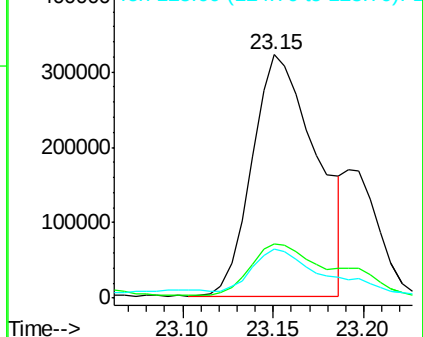
125 20.1 5.4 8.0#

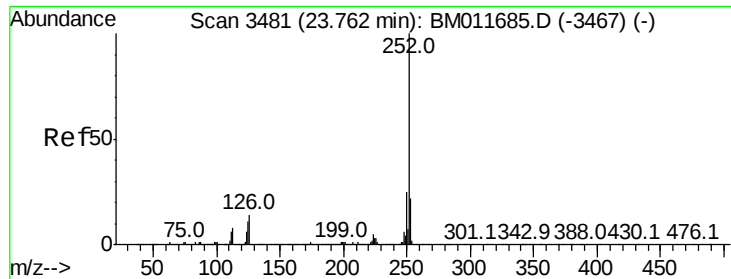


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 6.870 ng/ul

RT: 23.77 min Scan# 3482

Delta R.T. 0.01 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

Instrument :

BNA_M

ClientSampleId :

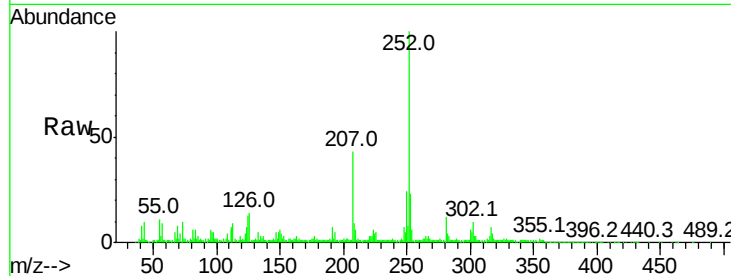
Tot Ion:252 Resp: 510435

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

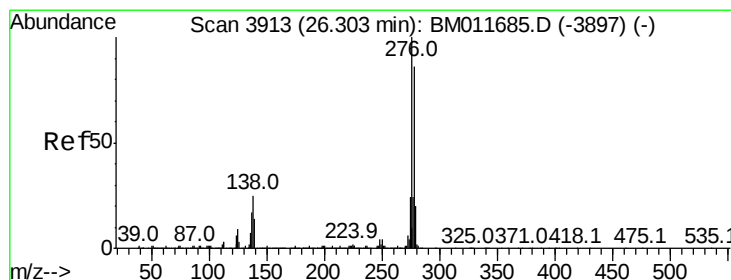
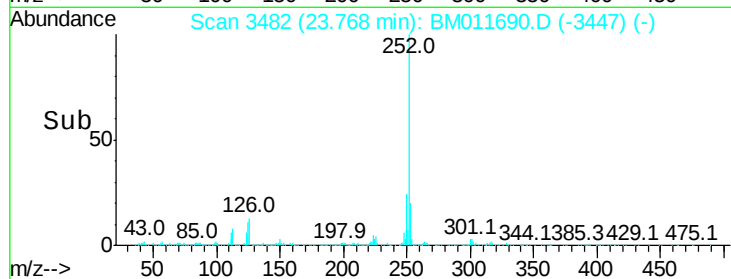
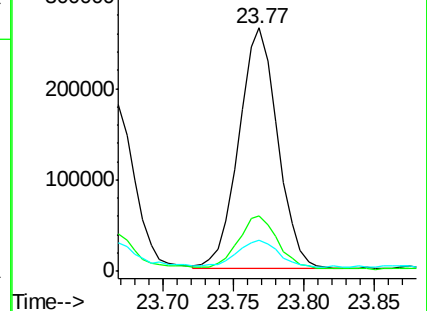
125 12.8 5.8 8.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 4.435 ng/ul

RT: 26.30 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

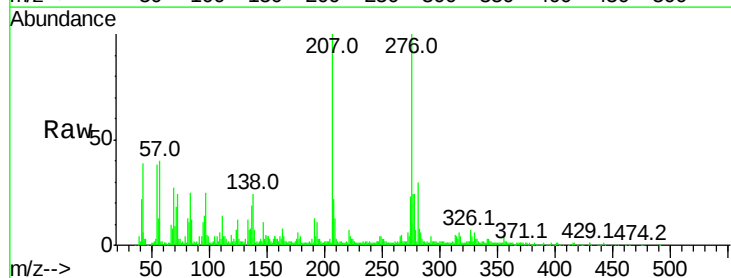
Tgt Ion:276 Resp: 362471

Ion Ratio Lower Upper

276 100

138 23.9 10.9 16.3#

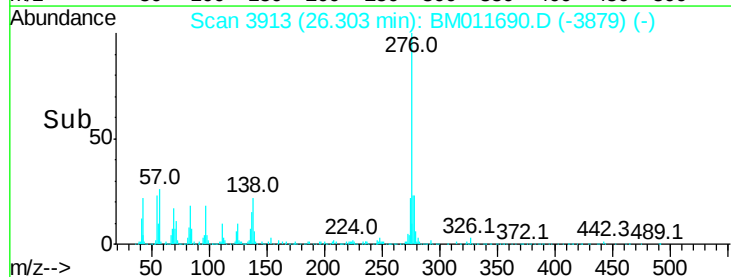
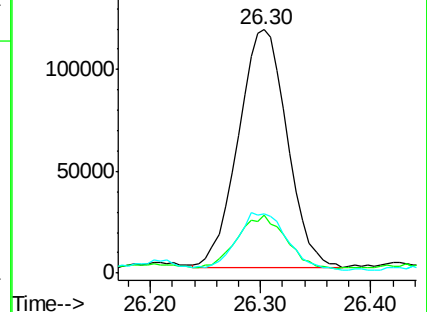
277 24.4 18.9 28.3

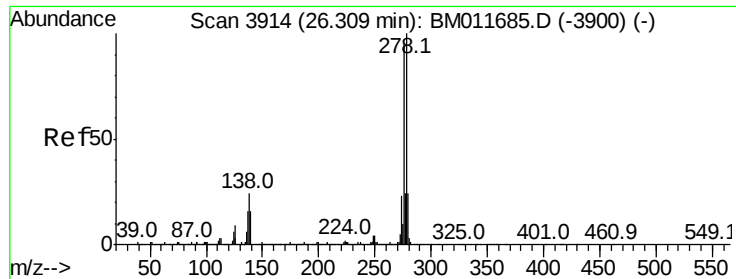


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.518 ng/ul

RT: 26.31 min Scan# 3914

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

Instrument :

BNA_M

ClientSampleId :

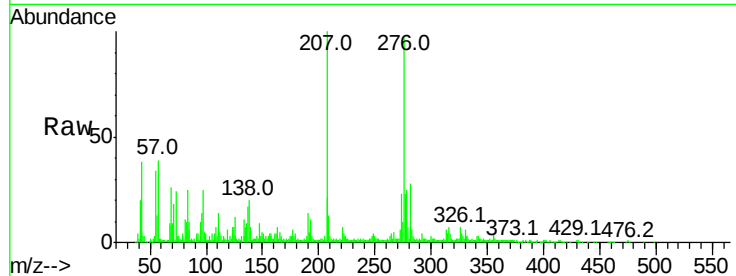
Tot Ion:278 Resp: 105226

Ion Ratio Lower Upper

278 100

139 26.0 9.0 13.4#

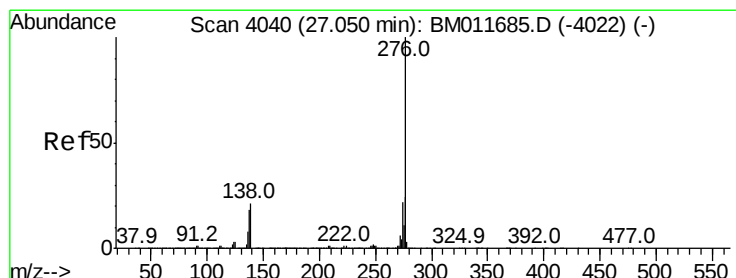
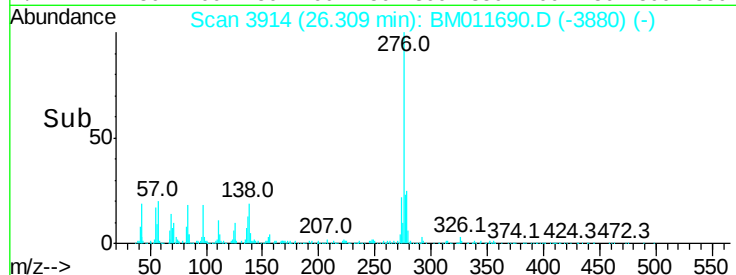
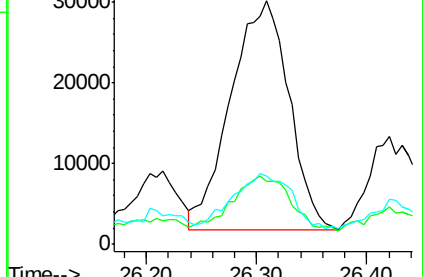
279 28.0 19.1 28.7



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



#94

Benzo(g,h,i)perylene

Concen: 5.276 ng/ul

RT: 27.05 min Scan# 4040

Delta R.T. 0.00 min

Lab File: BM011690.D

Acq: 22 Sep 2017 13:24

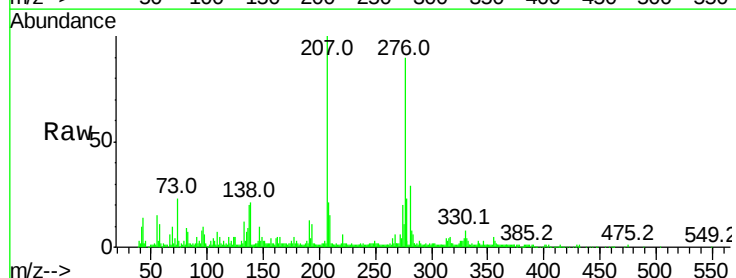
Tgt Ion:276 Resp: 349191

Ion Ratio Lower Upper

276 100

138 23.2 11.2 16.8#

277 25.3 19.0 28.6



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

