

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
 Data File : BM011737.D
 Acq On : 27 Sep 2017 23:33
 Operator : SJ/JU
 Sample : I5377-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 28 04:08:08 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:06:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	213989	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	989757	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	563800	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	1280850	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1413699	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1345816	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	15247	3.18	ng/uL	0.00
5) Phenol-d5	7.09	99	323948	15.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	266162	17.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	265745	16.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	262212	15.91	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	130955	16.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	141638	17.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	254356	16.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	234664	13.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	917127	18.97	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1047201	17.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	101970	12.34	ng/ul	0.00
57) Fluorene-d10	15.56	176	767916	18.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	115773	13.34	ng/ul	0.00
70) Anthracene-d10	17.41	188	1177130	18.06	ng/ul	0.00
76) Pyrene-d10	19.70	212	1411737	20.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	1213934	18.84	ng/ul	0.00

Target Compounds

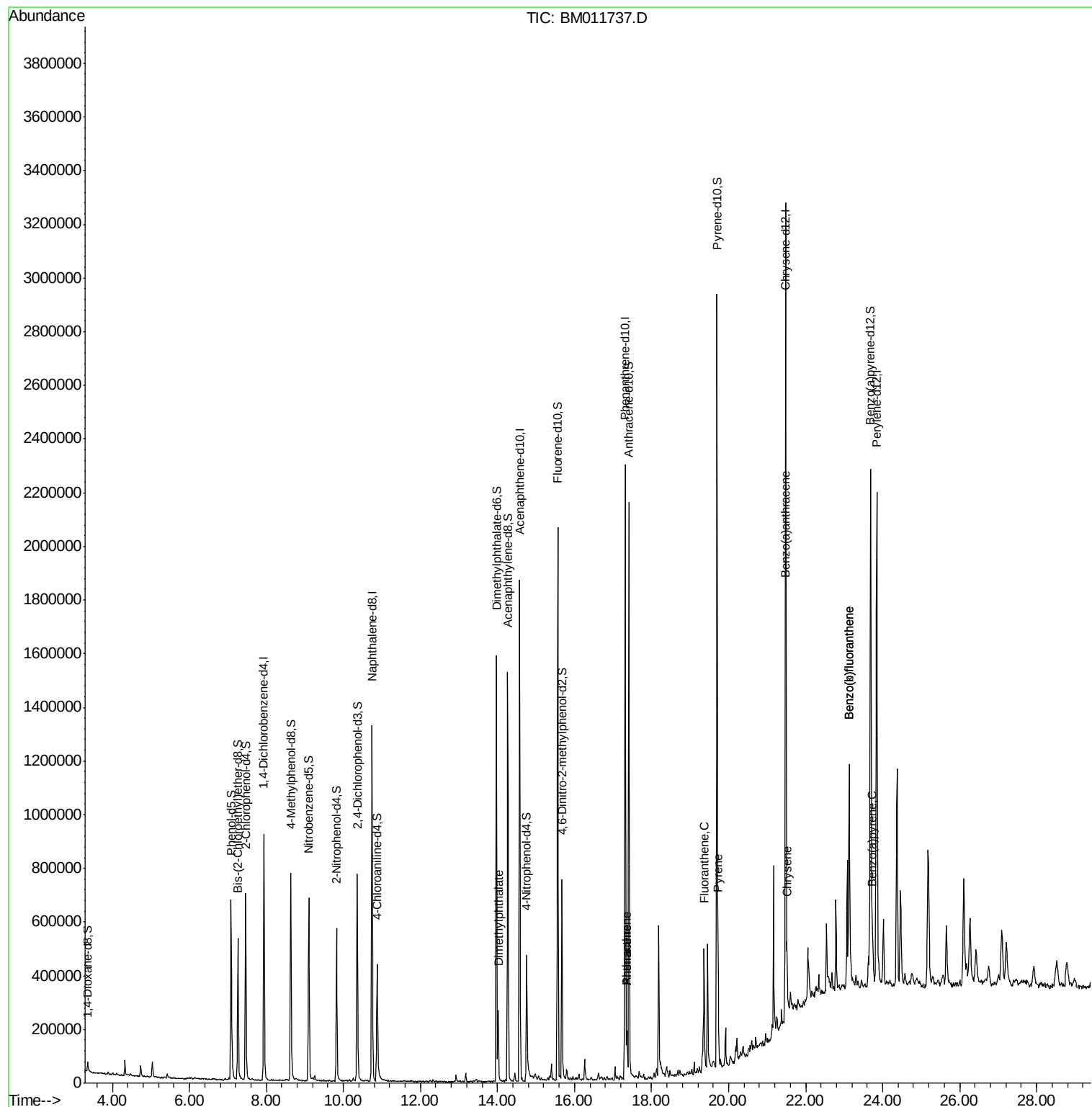
					Ovalue
44) Dimethylphthalate	14.02	163	146782	3.174 ng/ul	98
69) Phenanthrene	17.36	178	92060	1.284 ng/ul	96
71) Anthracene	17.36	178	92060	1.246 ng/ul	95
74) Fluoranthene	19.36	202	231239	2.642 ng/ul#	90
77) Pyrene	19.73	202	217534	2.582 ng/ul#	91
80) Benzo(a)anthracene	21.46	228	127194	1.608 ng/ul	97
82) Chrysene	21.52	228	136331	1.828 ng/ul	98
85) Benzo(b)fluoranthene	23.13	252	171920	2.165 ng/ul#	88
86) Benzo(k)fluoranthene	23.13	252	171920	2.122 ng/ul#	90
88) Benzo(a)pyrene	23.74	252	100419	1.309 ng/ul#	94

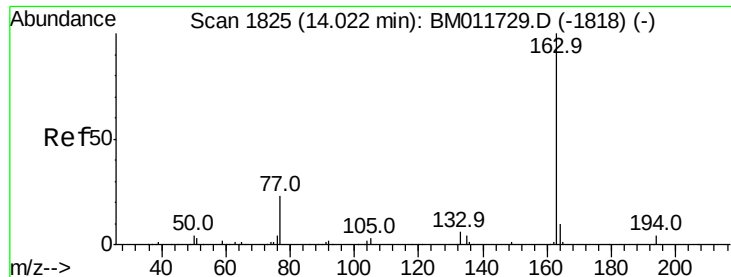
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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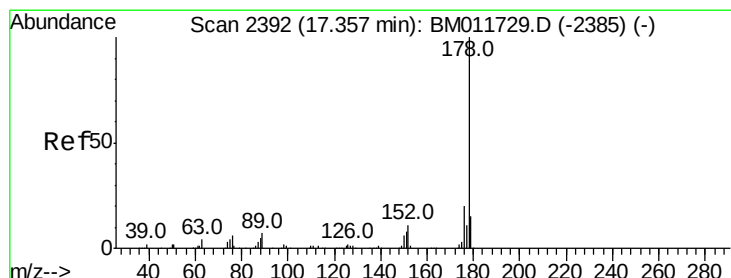
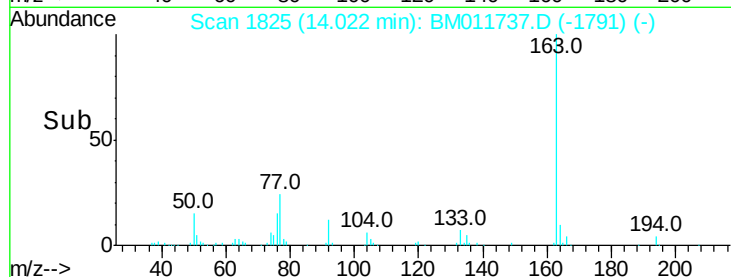
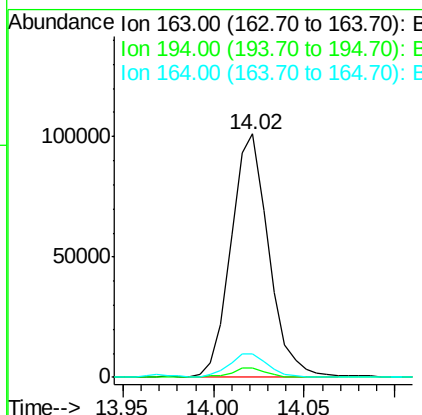
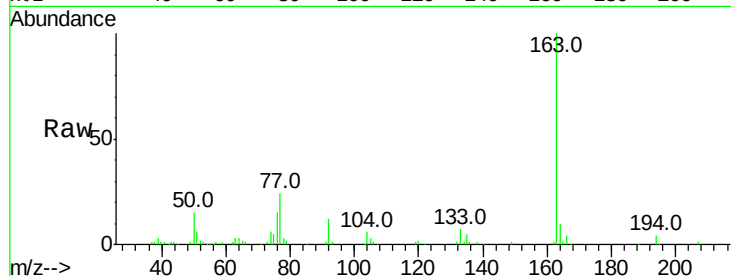




#44
 Dimethylphthalate
 Concen: 3.174 ng/ul
 RT: 14.02 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BM011737.D
 Acq: 27 Sep 2017 23:33

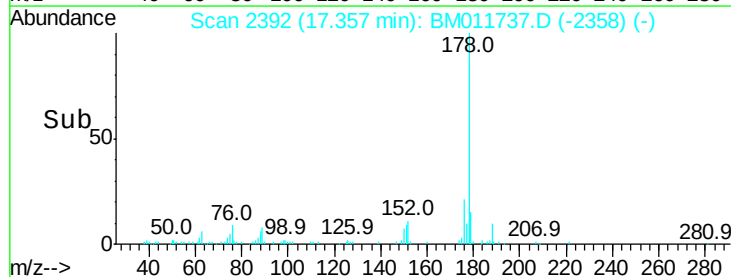
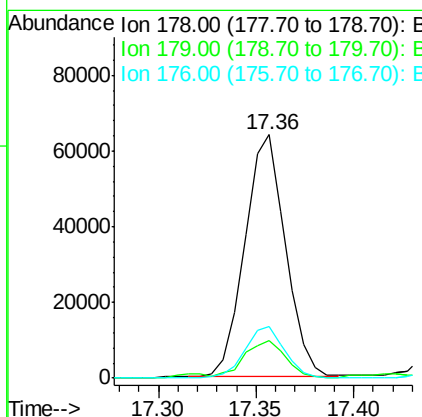
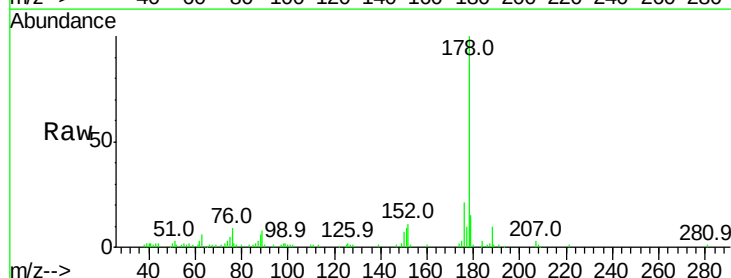
Instrument :
 BNA_M
 ClientSampleId :

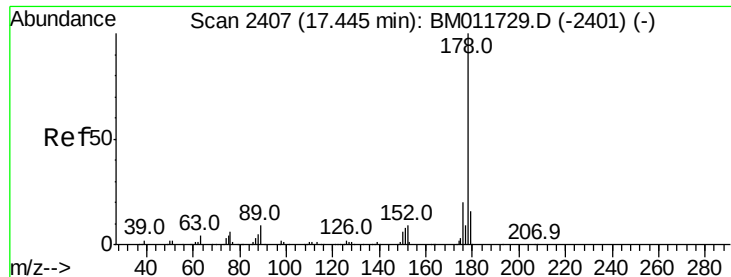
Tot Ion:163 Resp: 146782
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.5 5.3
 164 9.7 8.2 12.4



#69
 Phenanthrene
 Concen: 1.284 ng/ul
 RT: 17.36 min Scan# 2392
 Delta R.T. 0.00 min
 Lab File: BM011737.D
 Acq: 27 Sep 2017 23:33

Tgt Ion:178 Resp: 92060
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.6 19.0
 176 21.4 14.9 22.3





#71

Anthracene

Concen: 1.246 ng/ul

RT: 17.36 min Scan# 2392

Delta R.T. -0.09 min

Lab File: BM011737.D

Acq: 27 Sep 2017 23:33

Instrument :

BNA_M

ClientSampleId :

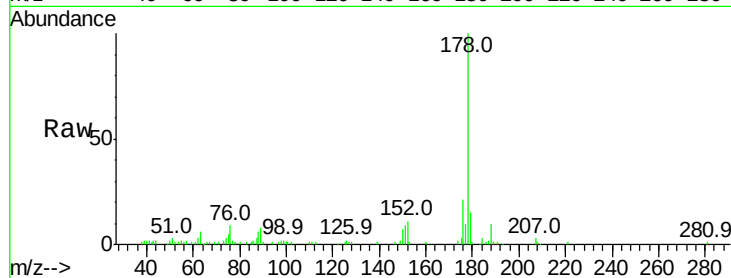
Tot Ion:178 Resp: 92060

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	21.4	14.6	21.8

178 100

179 15.4 11.7 17.5

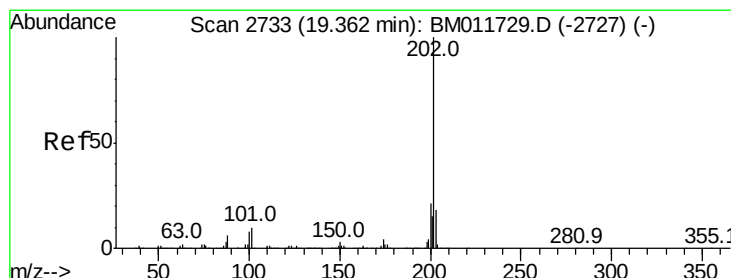
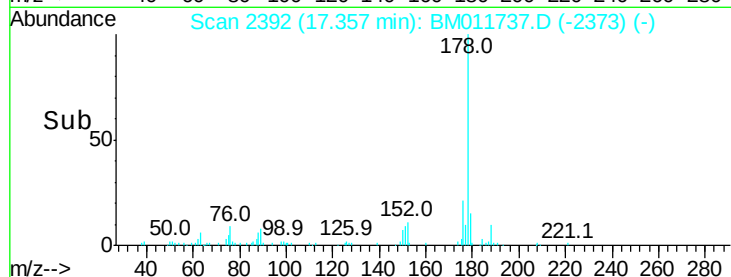
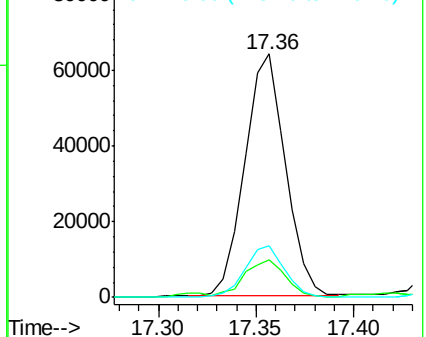
176 21.4 14.6 21.8



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: 2.642 ng/ul

RT: 19.36 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BM011737.D

Acq: 27 Sep 2017 23:33

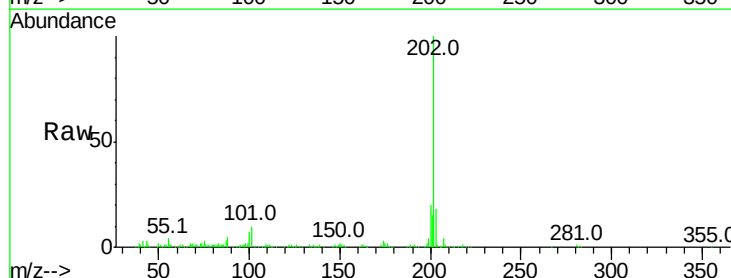
Tgt Ion:202 Resp: 231239

Ion	Ratio	Lower	Upper
202	100		
101	9.6	4.6	7.0#
100	6.8	3.4	5.2#

202 100

101 9.6 4.6 7.0#

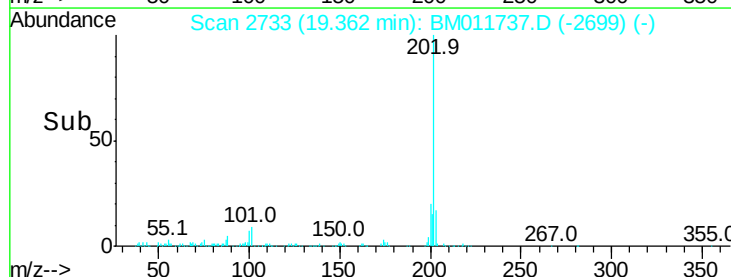
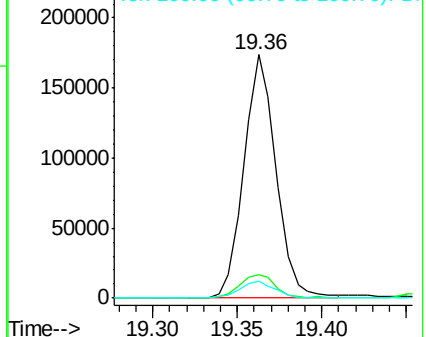
100 6.8 3.4 5.2#

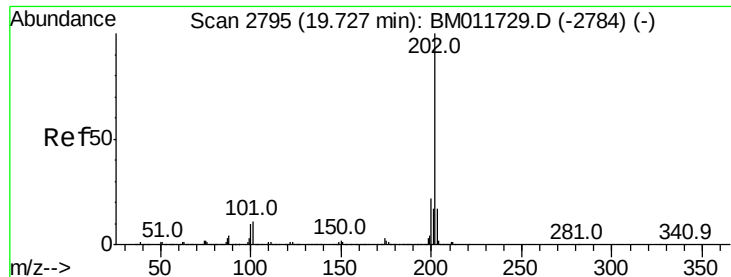


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

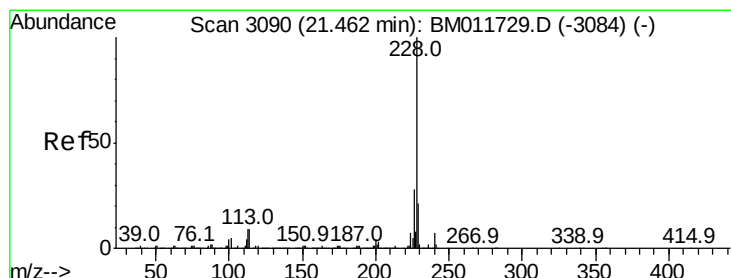
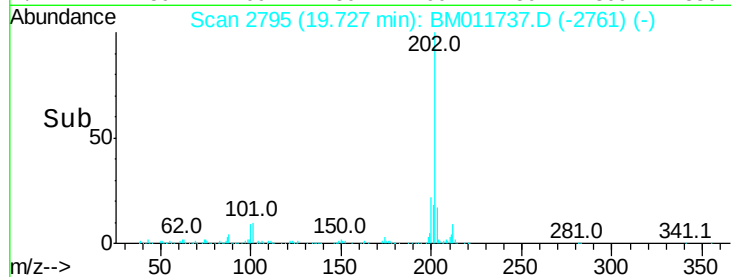
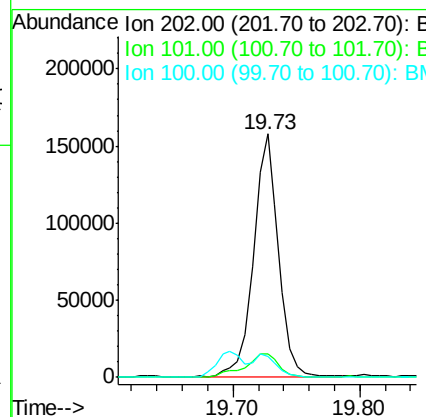
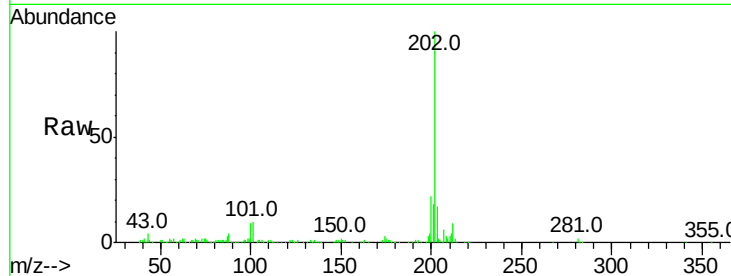




#77
 Pvrene
 Concen: 2.582 ng/ul
 RT: 19.73 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BM011737.D
 Acq: 27 Sep 2017 23:33

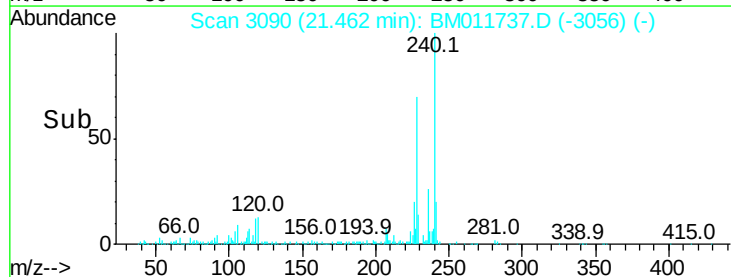
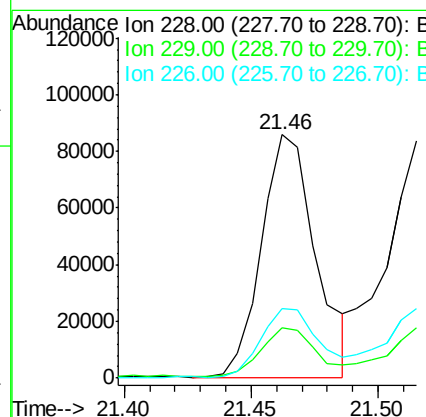
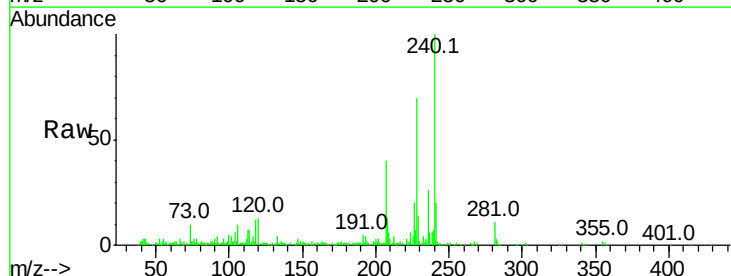
Instrument :
 BNA_M
 ClientSampleId :

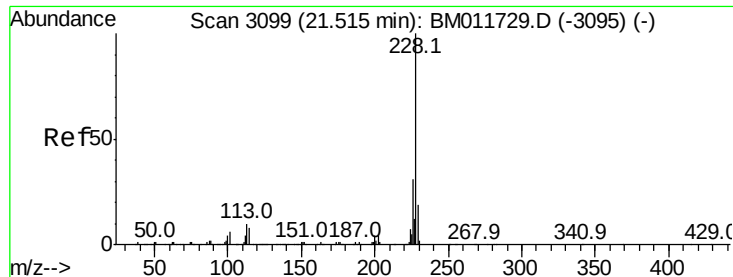
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	5.1	7.7#
100	8.6	4.9	7.3#



#80
 Benzo(a)anthracene
 Concen: 1.608 ng/ul
 RT: 21.46 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM011737.D
 Acq: 27 Sep 2017 23:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	28.5	21.4	32.0





#82

Chrysene

Concen: 1.828 ng/ul

RT: 21.52 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM011737.D

Acq: 27 Sep 2017 23:33

Instrument :

BNA_M

ClientSampled :

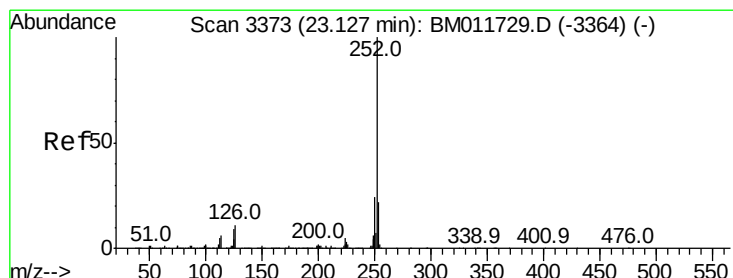
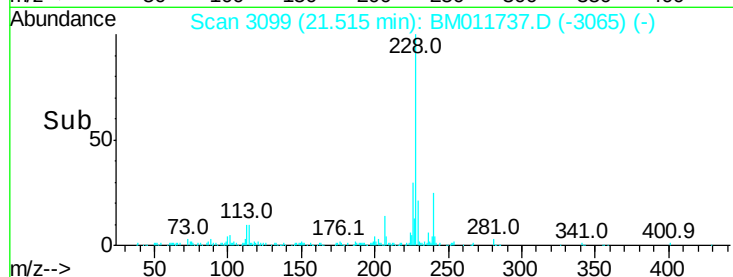
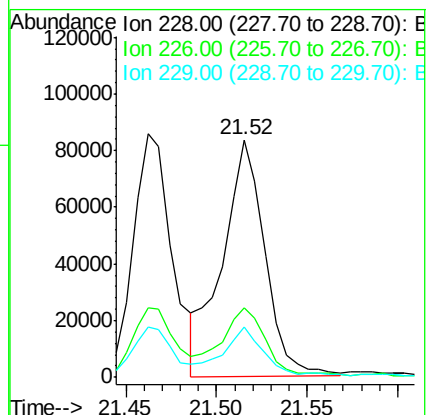
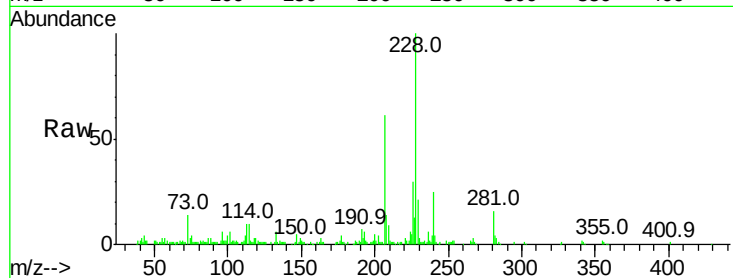
Tot Ion:228 Resp: 136331

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

229 21.0 15.5 23.3



#85

Benzo(b)fluoranthene

Concen: 2.165 ng/ul

RT: 23.13 min Scan# 3373

Delta R.T. 0.00 min

Lab File: BM011737.D

Acq: 27 Sep 2017 23:33

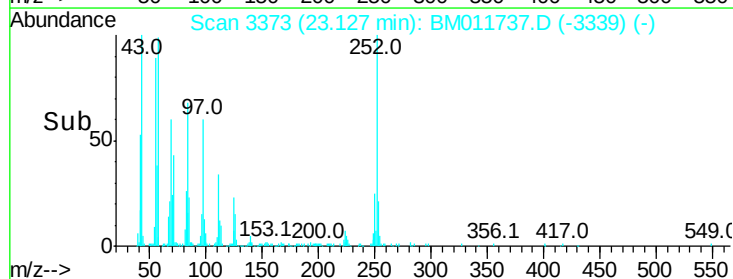
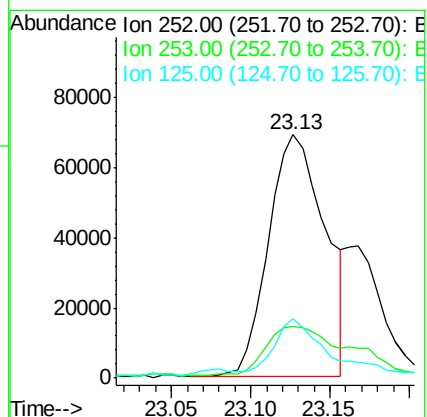
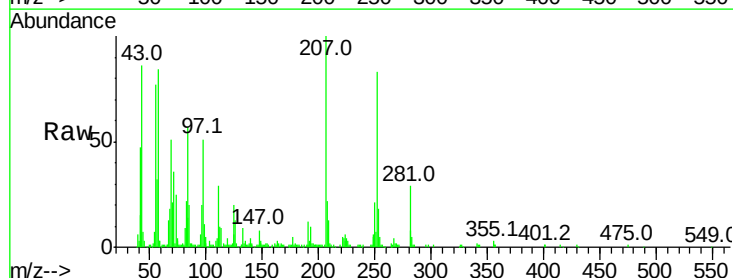
Tgt Ion:252 Resp: 171920

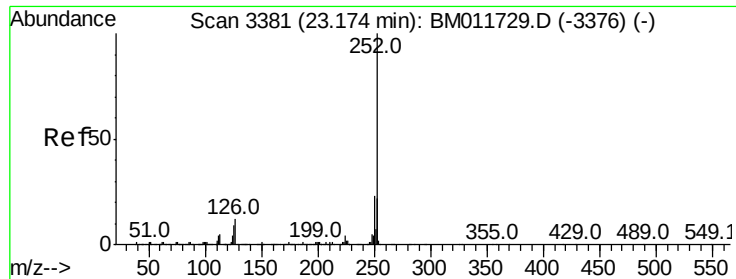
Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

125 24.5 3.6 5.4#





#86

Benzo(k)fluoranthene

Concen: 2.122 ng/ul

RT: 23.13 min Scan# 3373

Delta R.T. -0.05 min

Lab File: BM011737.D

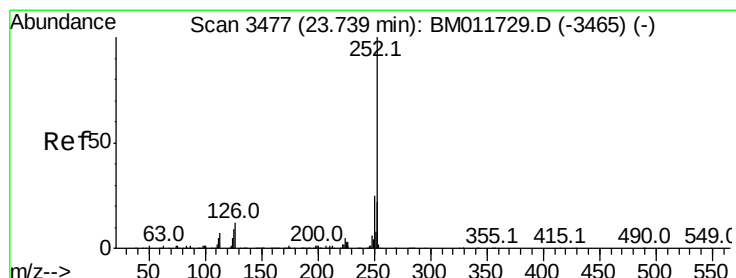
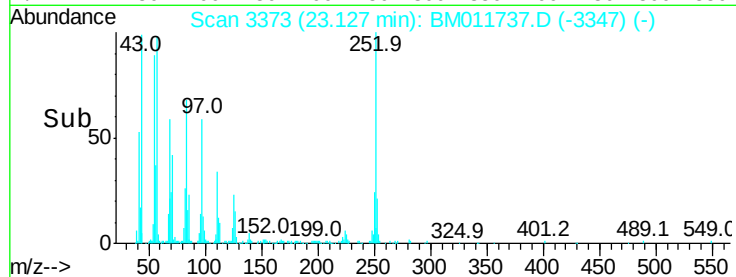
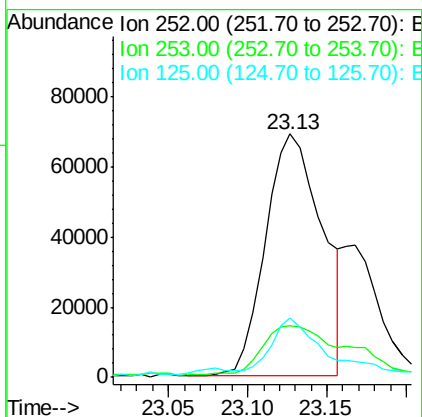
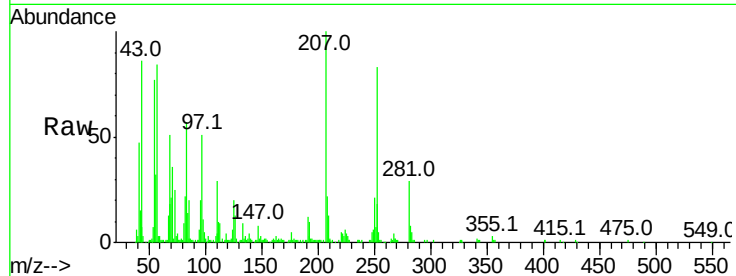
Acq: 27 Sep 2017 23:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	171920
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	24.5	3.4	5.2#



#88

Benzo(a)pyrene

Concen: 1.309 ng/ul

RT: 23.74 min Scan# 3477

Delta R.T. 0.00 min

Lab File: BM011737.D

Acq: 27 Sep 2017 23:33

Tgt Ion:	252	Resp:	100419
Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	11.7	4.0	6.0#

