

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
 Data File : BM011739.D
 Acq On : 28 Sep 2017 00:45
 Operator : SJ/JU
 Sample : I5377-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 28 04:08:40 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	200530	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	899591	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	508409	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	1141295	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1315980	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1272010	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	2992	0.67	ng/uL	0.00
5) Phenol-d5	7.09	99	73819	3.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	127984	8.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	70272	4.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	65447	4.24	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	60892	8.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	16858	2.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	44390	3.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	9637	0.61	ng/ul	0.02
43) Dimethylphthalate-d6	13.97	166	174191	3.99	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	476410	9.03	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.56	176	351155	9.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	780	0.10	ng/ul	0.00
70) Anthracene-d10	17.41	188	541066	9.32	ng/ul	0.00
76) Pyrene-d10	19.70	212	689888	10.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	577589	9.48	ng/ul	0.00

Target Compounds

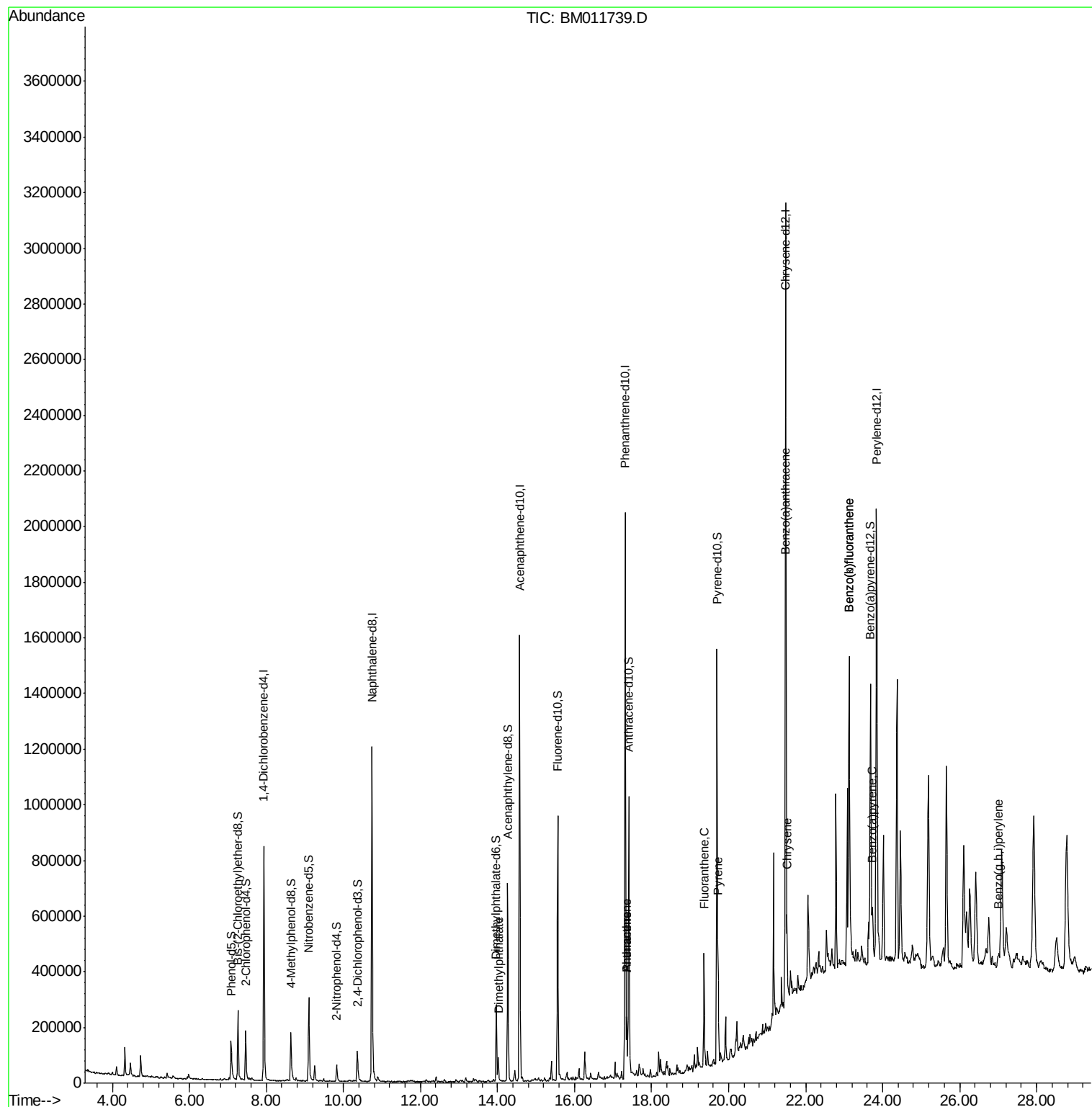
					Ovalue	
44) Dimethylphthalate	14.02	163	49341	1.183	ng/ul	99
69) Phenanthrene	17.36	178	116145	1.818	ng/ul	97
71) Anthracene	17.36	178	116145	1.765	ng/ul	96
74) Fluoranthene	19.36	202	239553	3.072	ng/ul#	87
77) Pyrene	19.73	202	238683	3.044	ng/ul#	88
80) Benzo(a)anthracene	21.46	228	144307	1.960	ng/ul	96
82) Chrysene	21.52	228	140013	2.016	ng/ul	98
85) Benzo(b)fluoranthene	23.13	252	202017	2.692	ng/ul#	87
86) Benzo(k)fluoranthene	23.13	252	202017	2.639	ng/ul#	89
88) Benzo(a)pyrene	23.73	252	119888	1.654	ng/ul#	94
91) Benzo(g,h,i)perylene	27.00	276	76977	1.229	ng/ul#	90

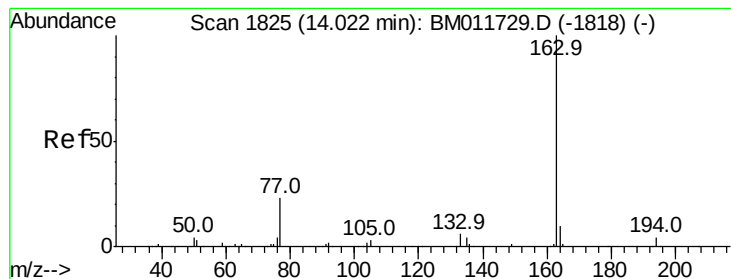
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.183 ng/ul

RT: 14.02 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BM011739.D

Acq: 28 Sep 2017 00:45

Instrument :

BNA_M

ClientSampleId :

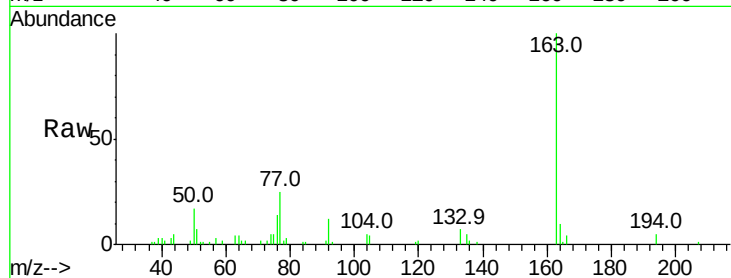
Tot Ion:163 Resp: 49341

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

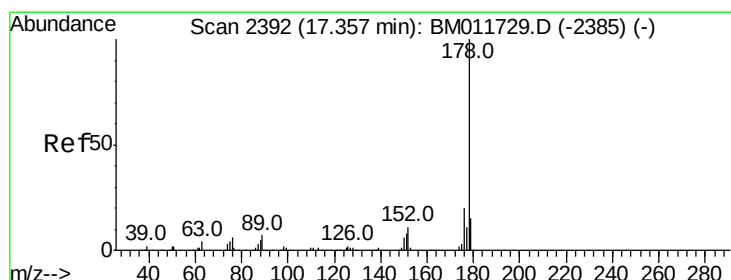
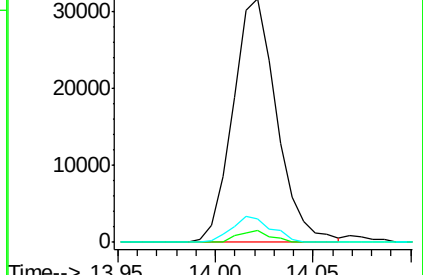
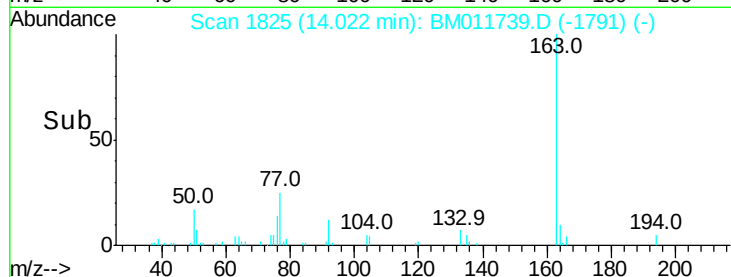
164 9.9 8.2 12.4



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: 1.818 ng/ul

RT: 17.36 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM011739.D

Acq: 28 Sep 2017 00:45

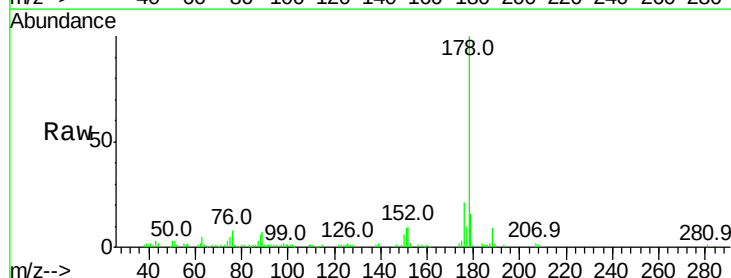
Tgt Ion:178 Resp: 116145

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

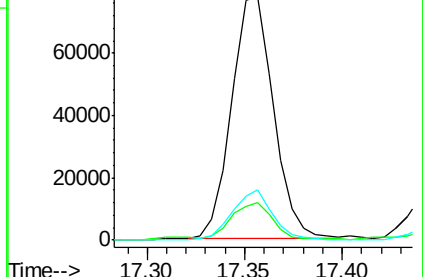
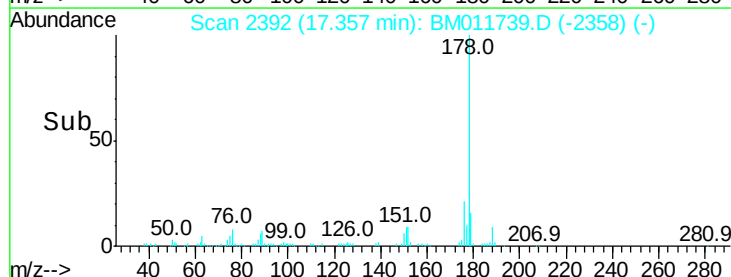
176 20.8 14.9 22.3

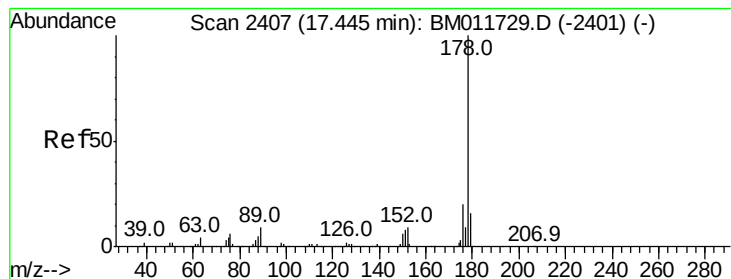


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.765 ng/ul

RT: 17.36 min Scan# 2392

Delta R.T. -0.09 min

Lab File: BM011739.D

Acq: 28 Sep 2017 00:45

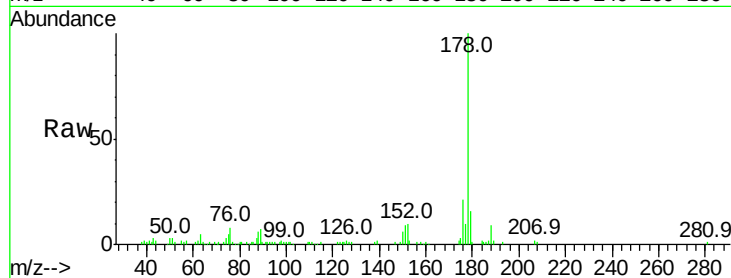
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 116145

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.7	17.5
176	20.8	14.6	21.8

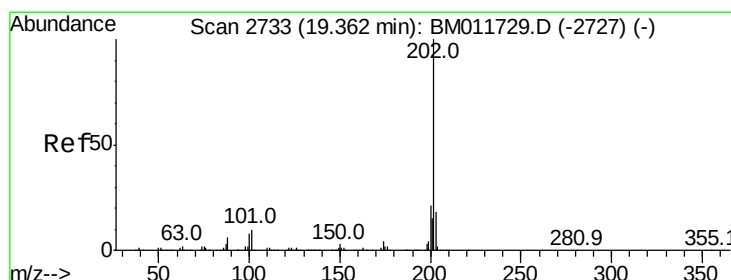
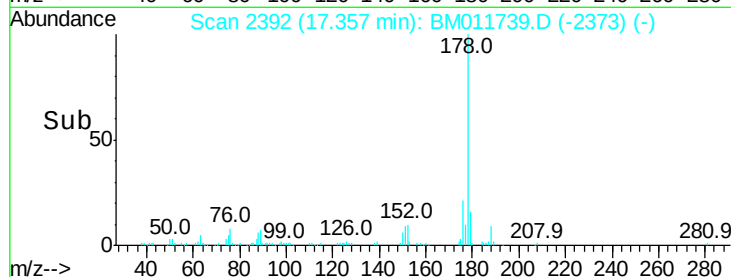
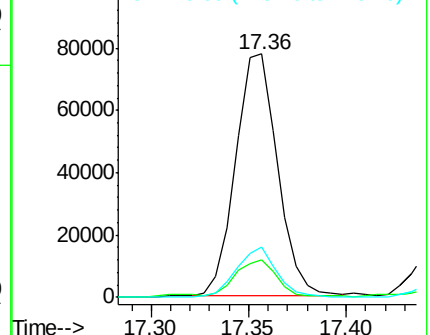


Abundance

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: 3.072 ng/ul

RT: 19.36 min Scan# 2733

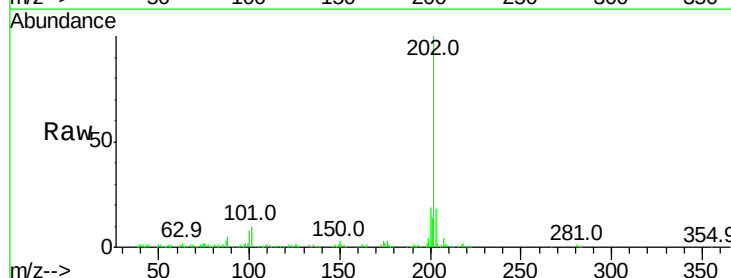
Delta R.T. 0.00 min

Lab File: BM011739.D

Acq: 28 Sep 2017 00:45

Tgt Ion:202 Resp: 239553

Ion	Ratio	Lower	Upper
202	100		
101	10.5	4.6	7.0#
100	7.9	3.4	5.2#

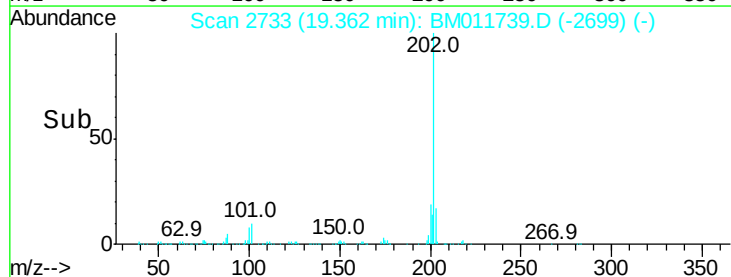
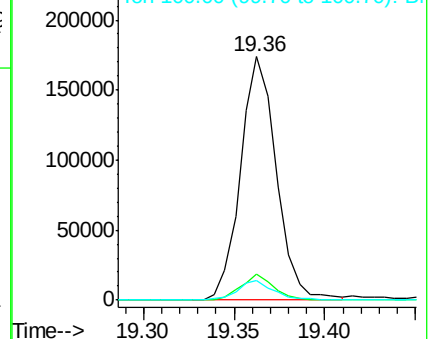


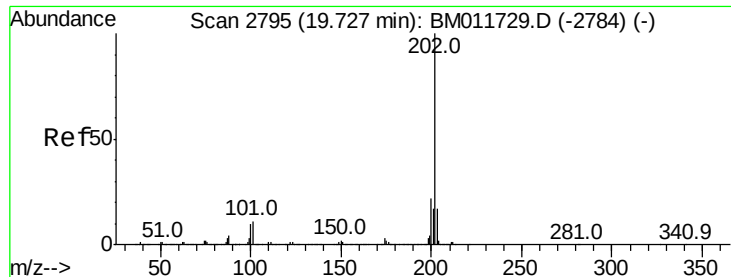
Abundance

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

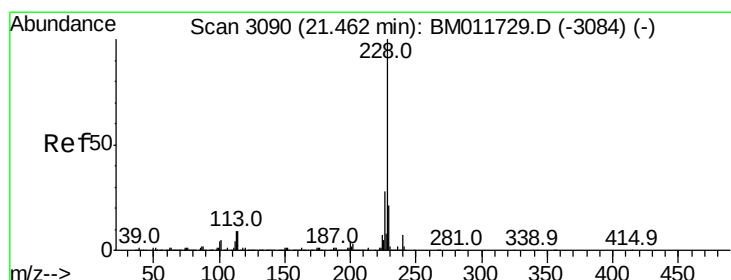
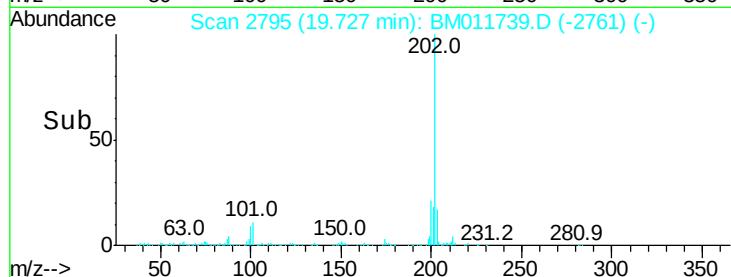
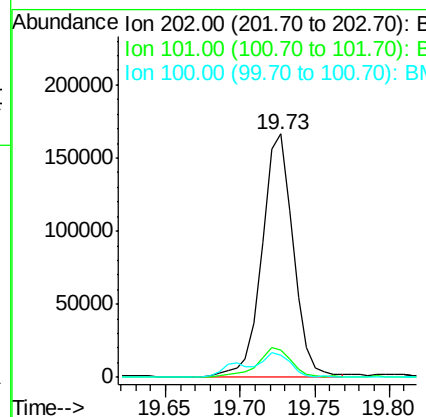
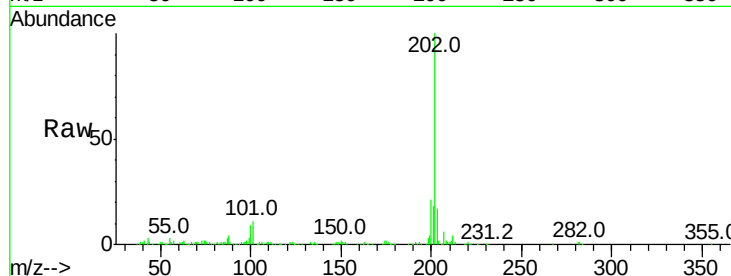




#77
 Pvrene
 Concen: 3.044 ng/ul
 RT: 19.73 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BM011739.D
 Acq: 28 Sep 2017 00:45

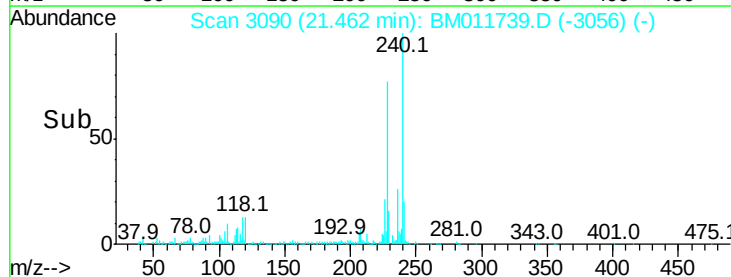
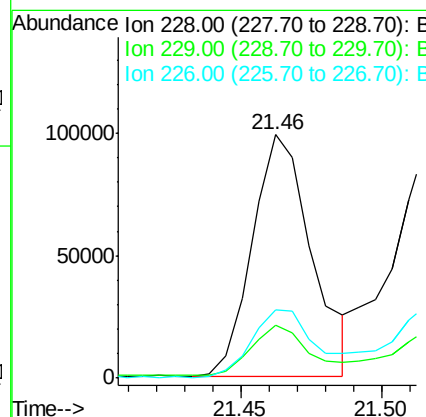
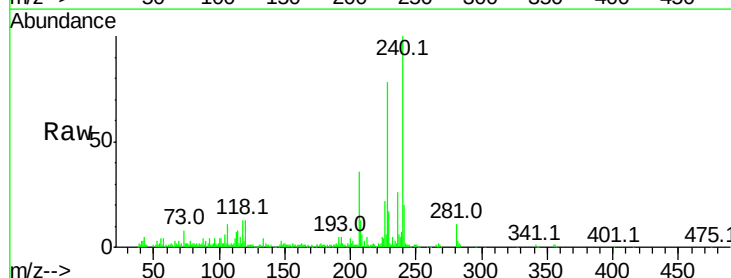
Instrument :
 BNA_M
 ClientSampleId :

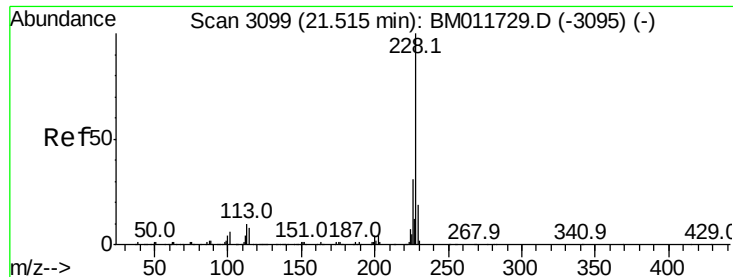
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	5.1	7.7#
100	9.3	4.9	7.3#



#80
 Benzo(a)anthracene
 Concen: 1.960 ng/ul
 RT: 21.46 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM011739.D
 Acq: 28 Sep 2017 00:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.0
226	28.1	21.4	32.0





#82

Chrysene

Concen: 2.016 ng/ul

RT: 21.52 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM011739.D

Acq: 28 Sep 2017 00:45

Instrument :

BNA_M

ClientSampleId :

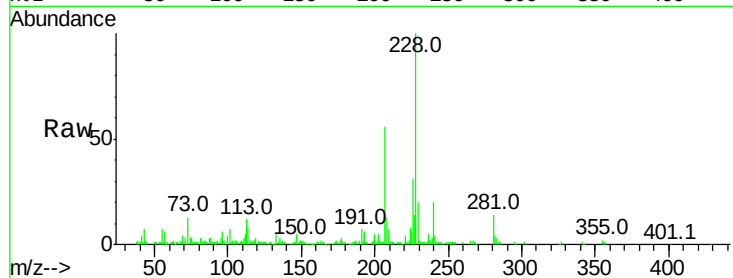
Tot Ion:228 Resp: 140013

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.2

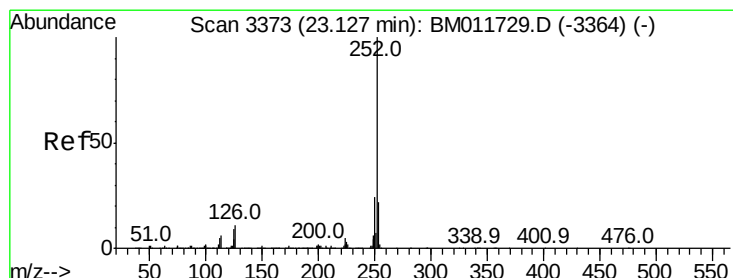
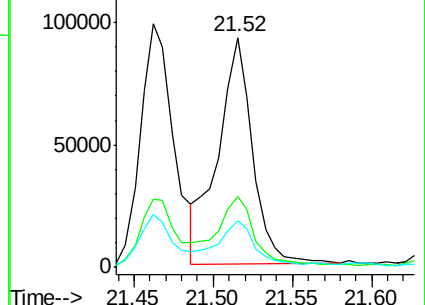
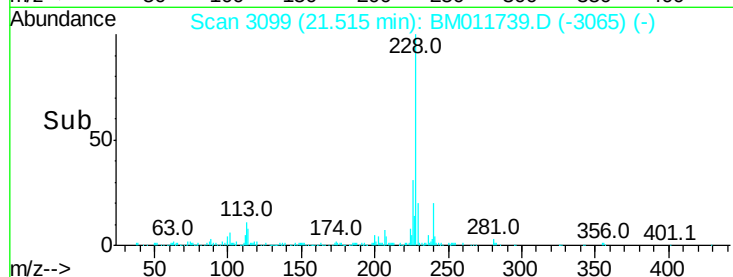
229 20.3 15.5 23.3



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: 2.692 ng/ul

RT: 23.13 min Scan# 3373

Delta R.T. 0.00 min

Lab File: BM011739.D

Acq: 28 Sep 2017 00:45

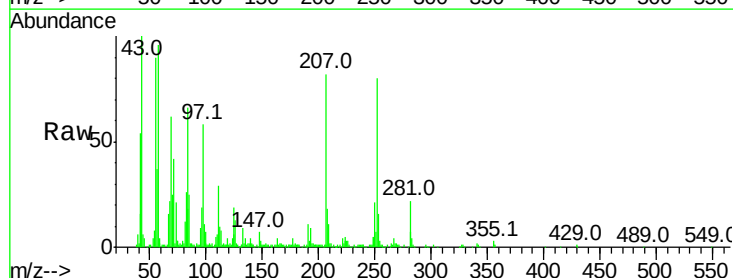
Tgt Ion:252 Resp: 202017

Ion Ratio Lower Upper

252 100

253 20.3 17.9 26.9

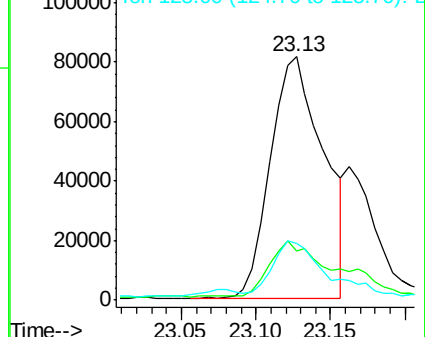
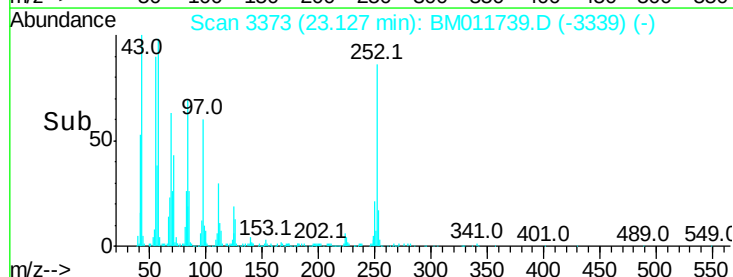
125 23.1 3.6 5.4#

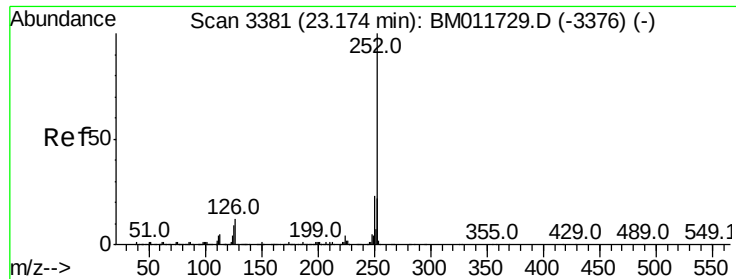


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 2.639 ng/ul

RT: 23.13 min Scan# 3373

Delta R.T. -0.05 min

Lab File: BM011739.D

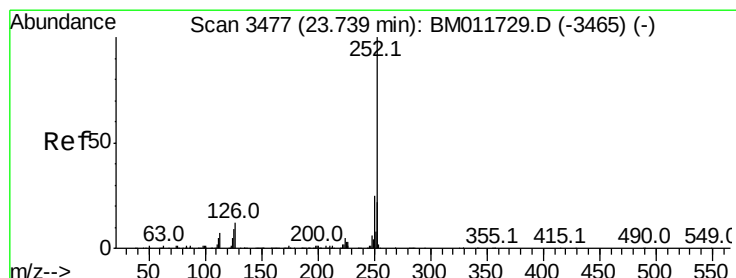
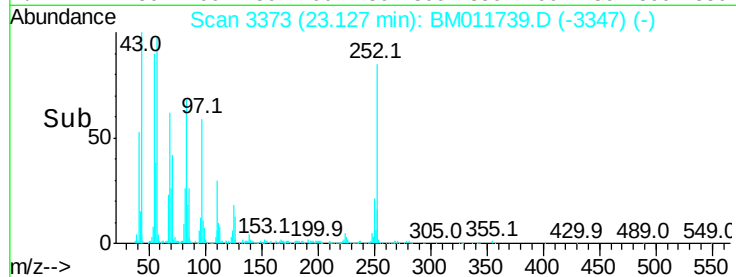
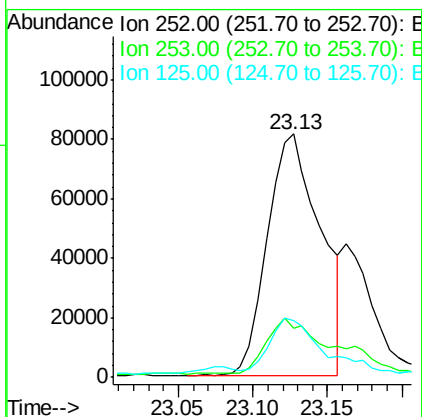
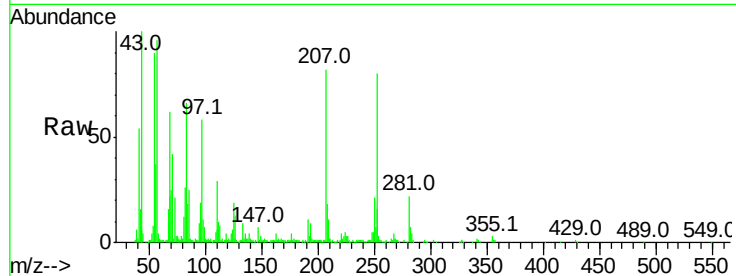
Acq: 28 Sep 2017 00:45

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	202017
Ion Ratio	Lower	Upper	
252	100		
253	20.3	17.1	25.7
125	23.1	3.4	5.2#



#88

Benzo(a)pyrene

Concen: 1.654 ng/ul

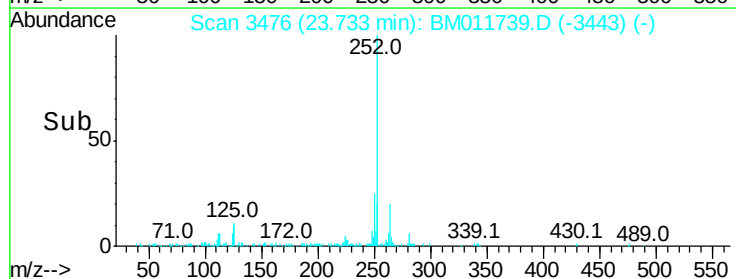
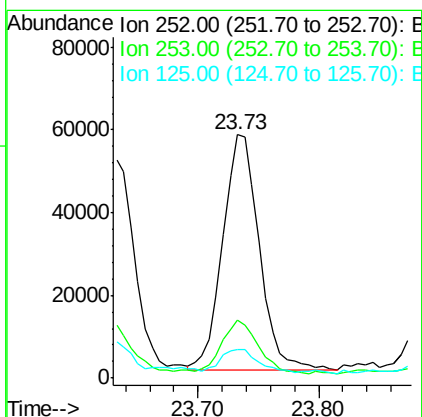
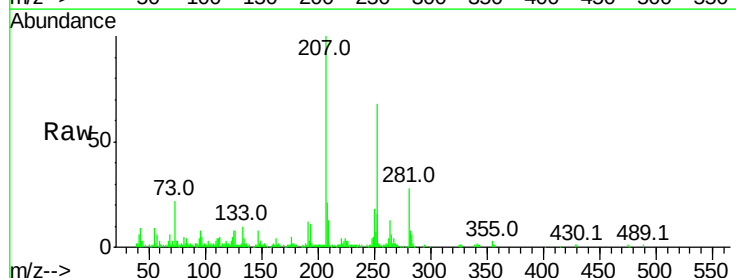
RT: 23.73 min Scan# 3476

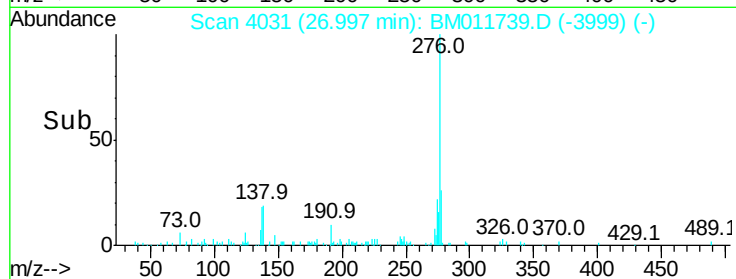
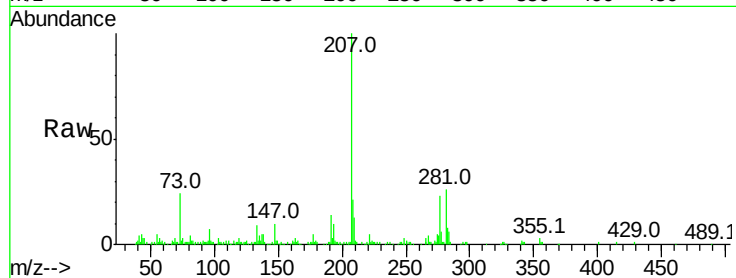
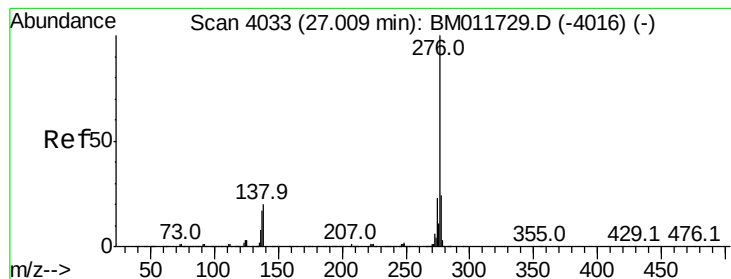
Delta R.T. -0.01 min

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Tgt Ion:	252	Resp:	119888
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.2	27.2
125	11.8	4.0	6.0#





#91

Benzo(a,h,i)perylene

Concen: 1.229 ng/ul

RT: 27.00 min Scan# 4031

Delta R.T. -0.01 min

Lab File: BM011739.D

Acq: 28 Sep 2017 00:45

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 76977

Ion Ratio Lower Upper

276 100

138 20.2 8.5 12.7#

277 25.0 18.6 28.0

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

