

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
 Data File : BM011736.D
 Acq On : 27 Sep 2017 22:56
 Operator : SJ/JU
 Sample : I5377-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 28 04:07:52 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	206731	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	954232	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	548801	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1228993	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1360324	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1422963	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	14687	3.17	ng/uL	0.00
5) Phenol-d5	7.09	99	343916	16.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	280145	19.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	284569	18.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	268828	16.88	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	141866	19.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	149118	18.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	266964	17.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	209406	12.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	958624	20.37	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1097844	19.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	112167	13.94	ng/ul	0.00
57) Fluorene-d10	15.56	176	799200	19.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	125341	15.06	ng/ul	0.00
70) Anthracene-d10	17.41	188	1235910	19.76	ng/ul	0.00
76) Pyrene-d10	19.70	212	1531750	23.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	1401524	20.57	ng/ul	0.00

Target Compounds

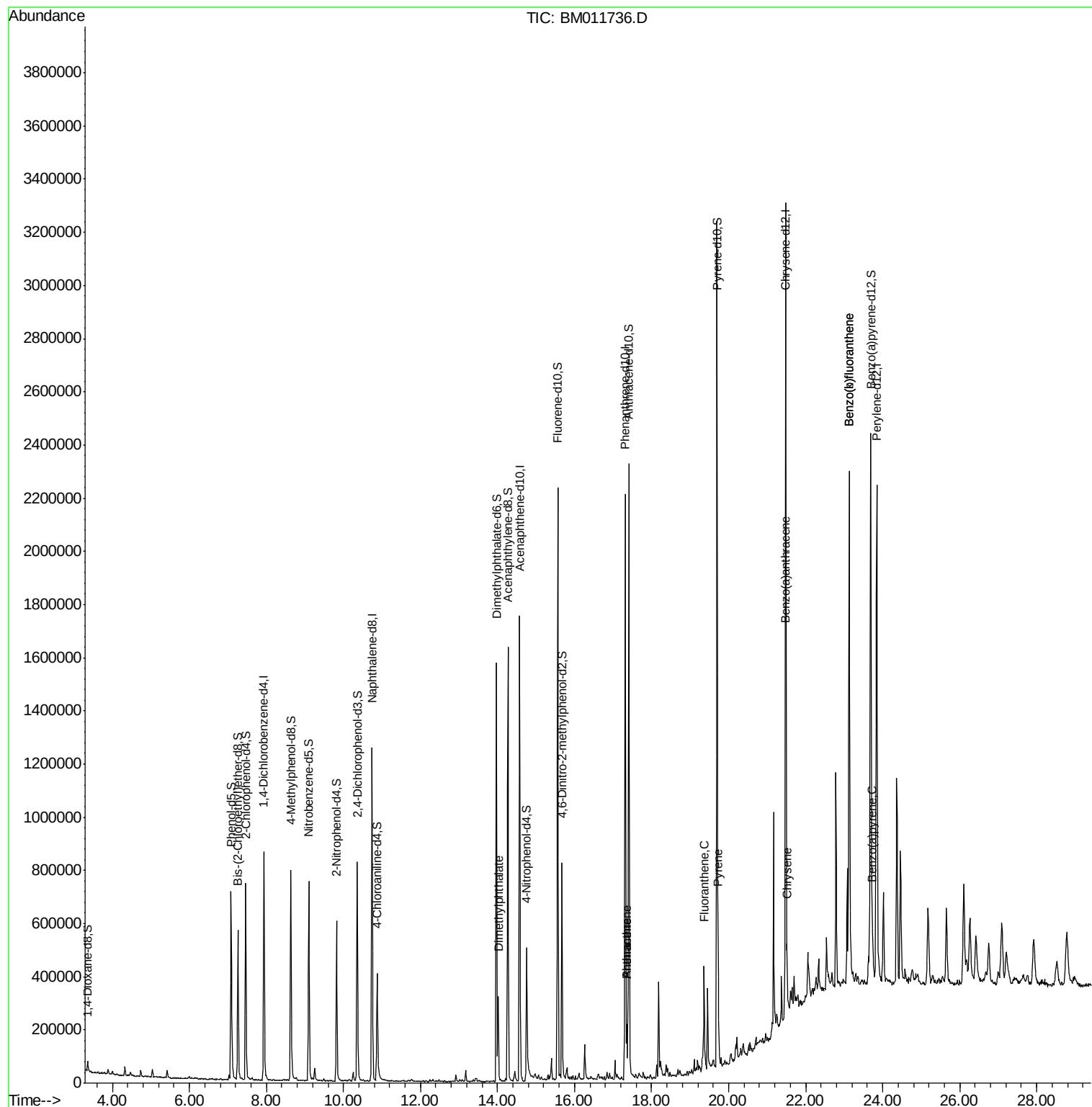
					Ovalue	
44) Dimethylphthalate	14.02	163	182650	4.057	ng/ul	100
69) Phenanthrene	17.36	178	106087	1.542	ng/ul	97
71) Anthracene	17.36	178	106087	1.497	ng/ul	98
74) Fluoranthene	19.36	202	215597	2.567	ng/ul#	88
77) Pyrene	19.73	202	229162	2.827	ng/ul#	84
80) Benzo(a)anthracene	21.46	228	118448	1.556	ng/ul	96
82) Chrysene	21.52	228	122569	1.708	ng/ul	97
85) Benzo(b)fluoranthene	23.13	252	151760	1.808	ng/ul#	77
86) Benzo(k)fluoranthene	23.13	252	151760	1.772	ng/ul#	77
88) Benzo(a)pyrene	23.73	252	97835	1.207	ng/ul#	95

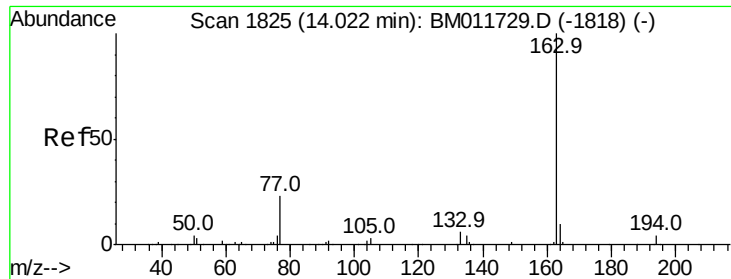
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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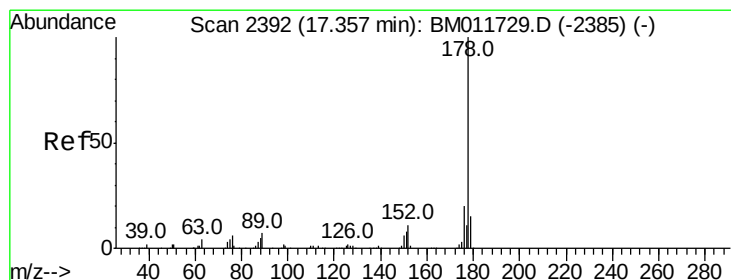
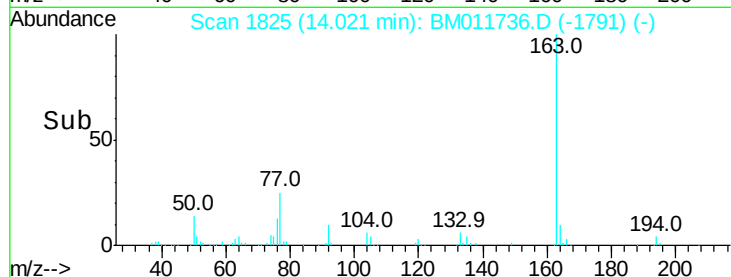
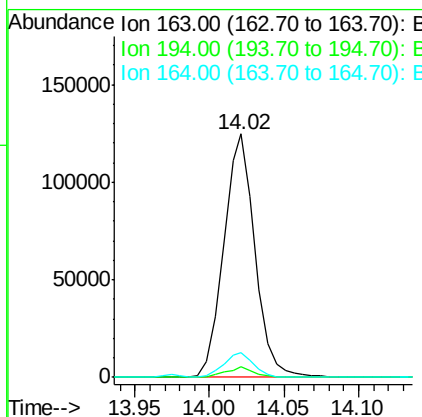
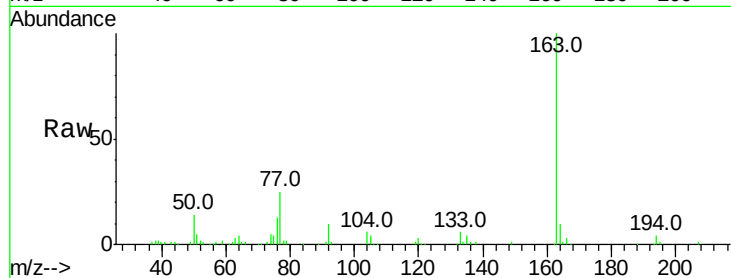




#44
Dimethylphthalate
Concen: 4.057 ng/ul
RT: 14.02 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BM011736.D
Acq: 27 Sep 2017 22:56

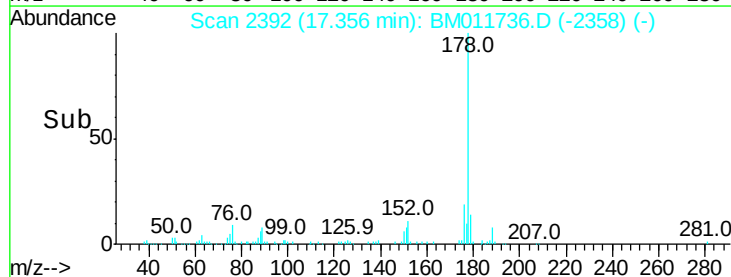
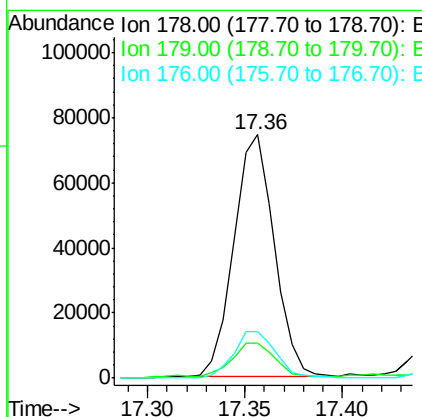
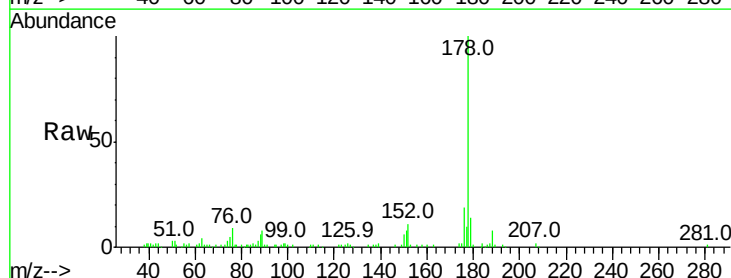
Instrument :
BNA_M
ClientSampleId :

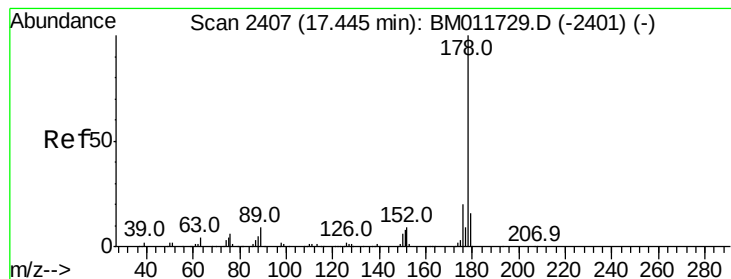
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.2	8.2	12.4



#69
Phenanthrene
Concen: 1.542 ng/ul
RT: 17.36 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM011736.D
Acq: 27 Sep 2017 22:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.6	19.0
176	19.3	14.9	22.3





#71

Anthracene

Concen: 1.497 ng/ul

RT: 17.36 min Scan# 2392

Delta R.T. -0.09 min

Lab File: BM011736.D

Acq: 27 Sep 2017 22:56

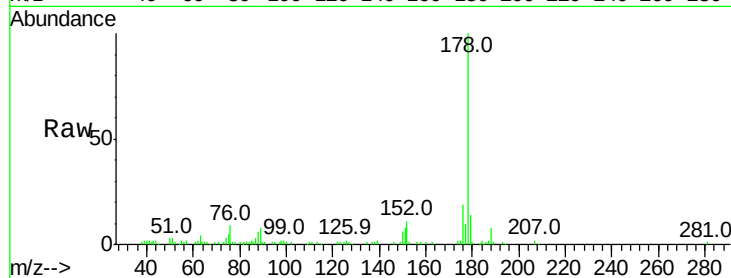
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 106087

Ion	Ratio	Lower	Upper
178	100		
179	14.3	11.7	17.5
176	19.3	14.6	21.8

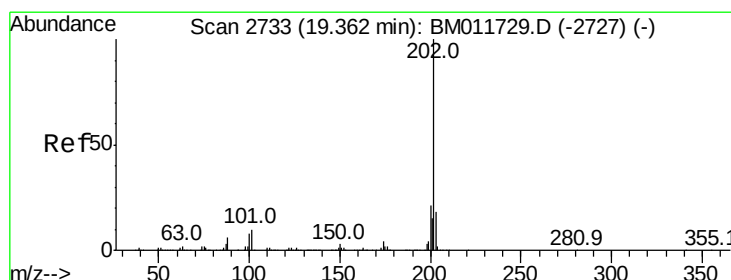
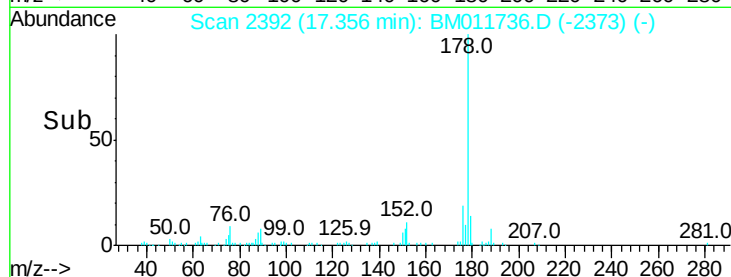
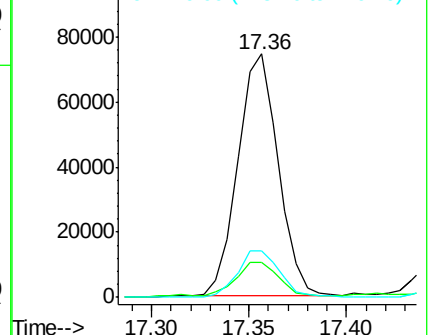


Abundance

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: 2.567 ng/ul

RT: 19.36 min Scan# 2733

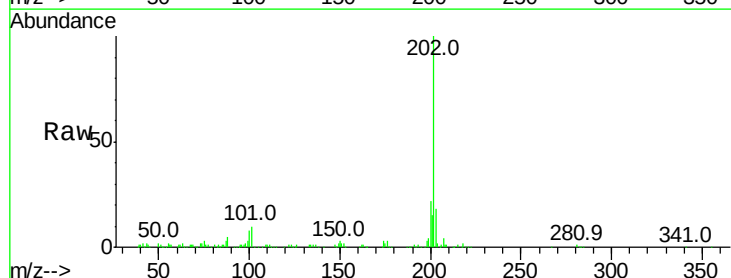
Delta R.T. -0.00 min

Lab File: BM011736.D

Acq: 27 Sep 2017 22:56

Tgt Ion:202 Resp: 215597

Ion	Ratio	Lower	Upper
202	100		
101	10.2	4.6	7.0#
100	7.8	3.4	5.2#

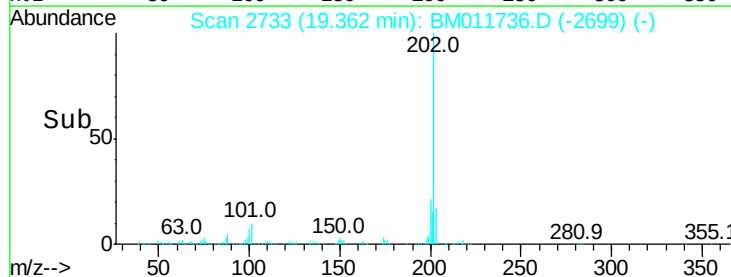
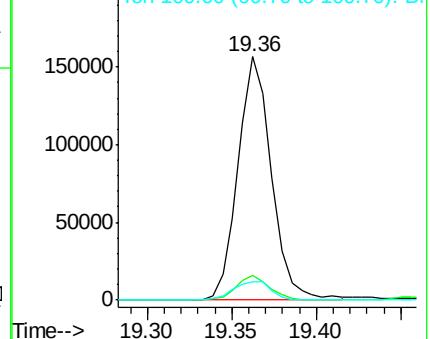


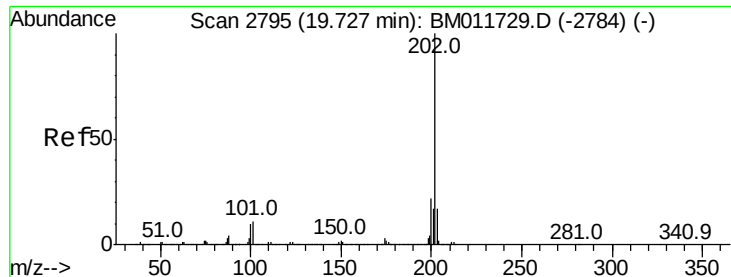
Abundance

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: 2.827 ng/ul

RT: 19.73 min Scan# 2795

Delta R.T. -0.00 min

Lab File: BM011736.D

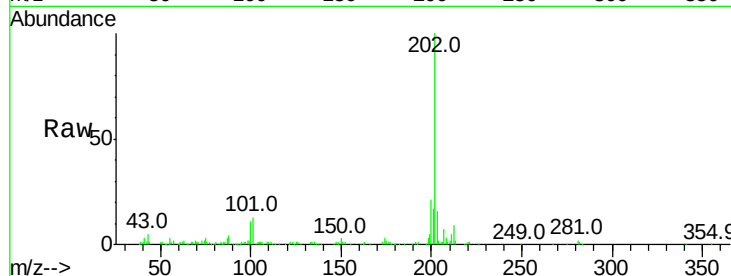
Acq: 27 Sep 2017 22:56

Instrument :

BNA_M

ClientSampleId :

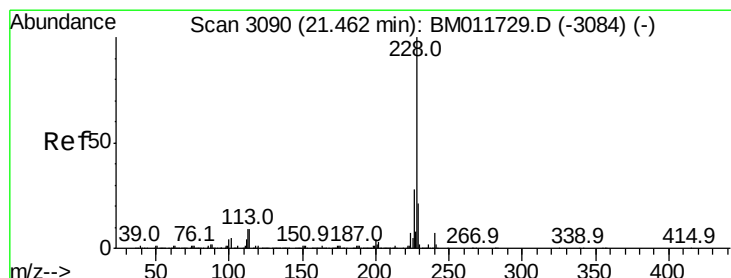
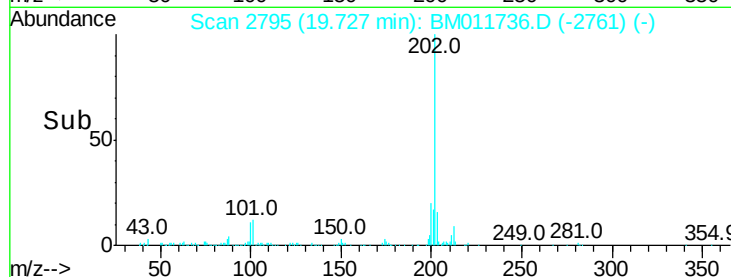
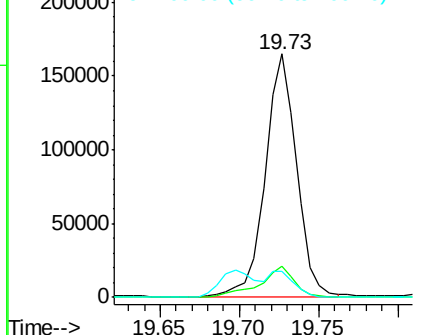
Tot Ion:	202	Resp:	229162
Ion	Ratio	Lower	Upper
202	100		
101	12.6	5.1	7.7#
100	10.7	4.9	7.3#



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: 1.556 ng/ul

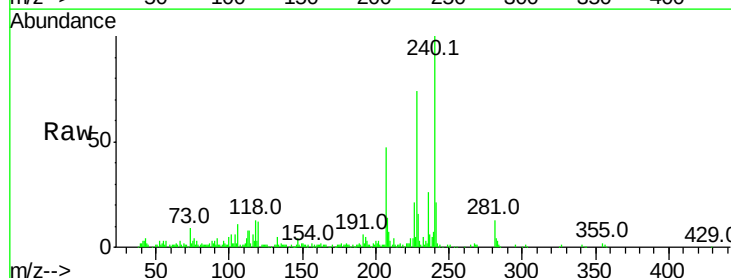
RT: 21.46 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM011736.D

Acq: 27 Sep 2017 22:56

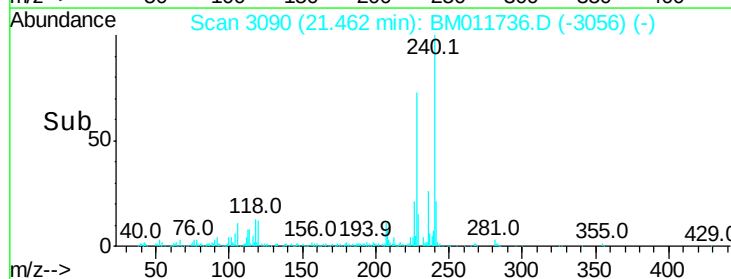
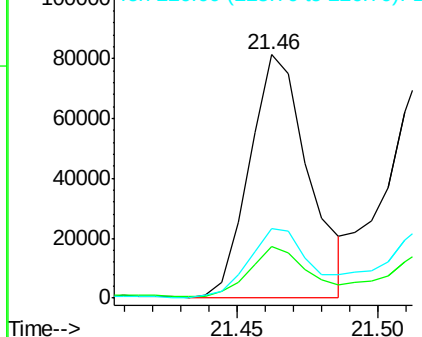
Tgt Ion:	228	Resp:	118448
Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.4	23.0
226	28.7	21.4	32.0

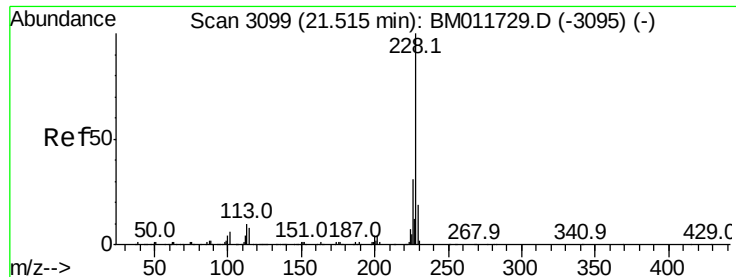


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

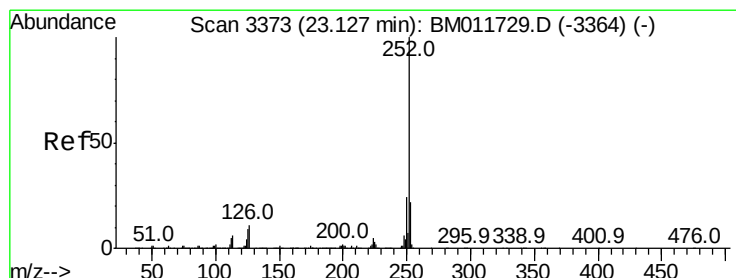
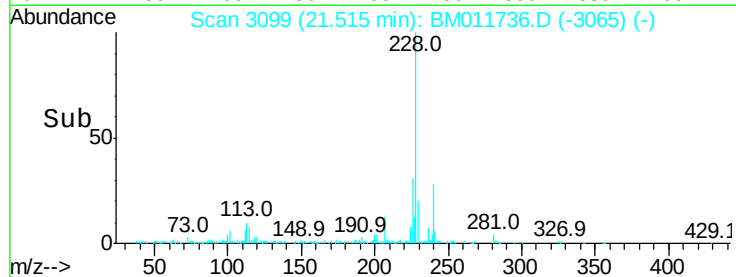
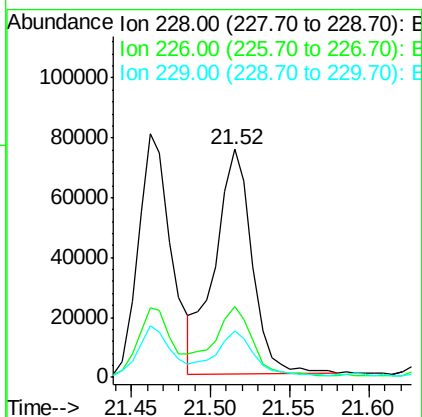
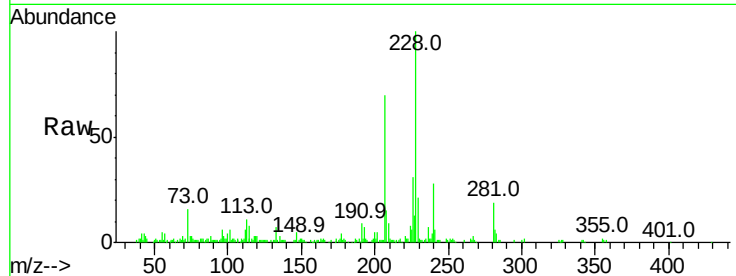




#82
Chrysene
Concen: 1.708 ng/ul
RT: 21.52 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM011736.D
Acq: 27 Sep 2017 22:56

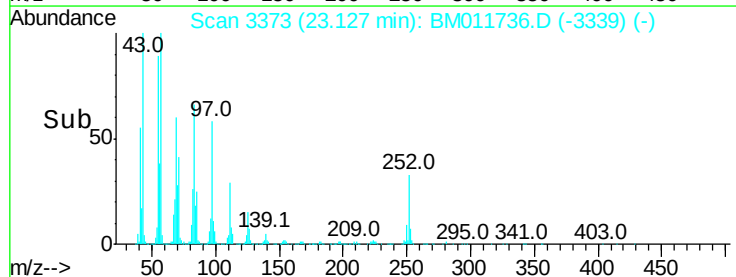
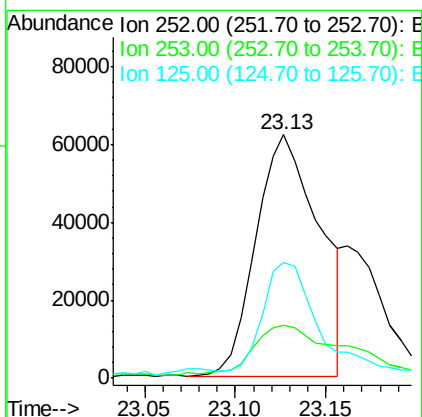
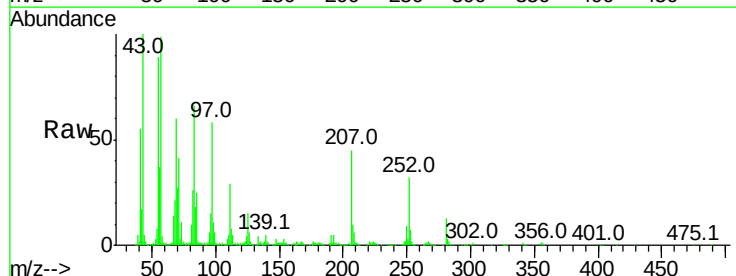
Instrument :
BNA_M
ClientSampleId :

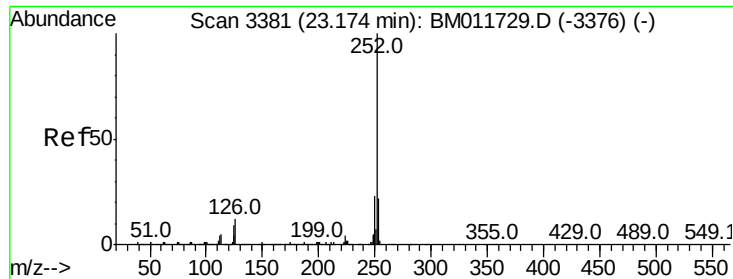
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.2
229	20.7	15.5	23.3



#85
Benzo(b)fluoranthene
Concen: 1.808 ng/ul
RT: 23.13 min Scan# 3373
Delta R.T. -0.00 min
Lab File: BM011736.D
Acq: 27 Sep 2017 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	47.5	3.6	5.4





#86

Benzo(k)fluoranthene

Concen: 1.772 ng/ul

RT: 23.13 min Scan# 3373

Delta R.T. -0.05 min

Lab File: BM011736.D

Acq: 27 Sep 2017 22:56

Instrument :

BNA_M

ClientSampleId :

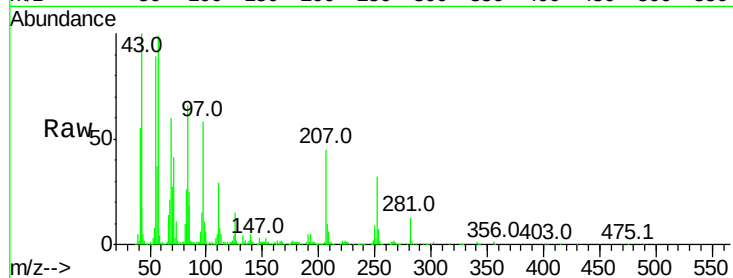
Tot Ion:252 Resp: 151760

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

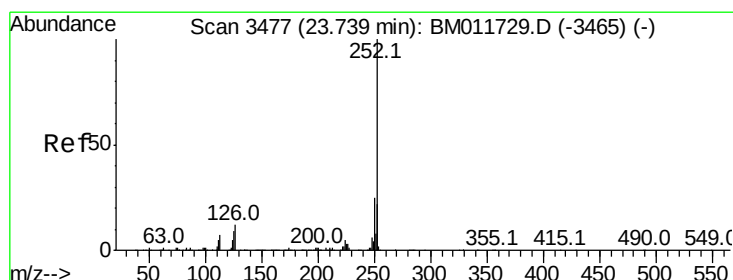
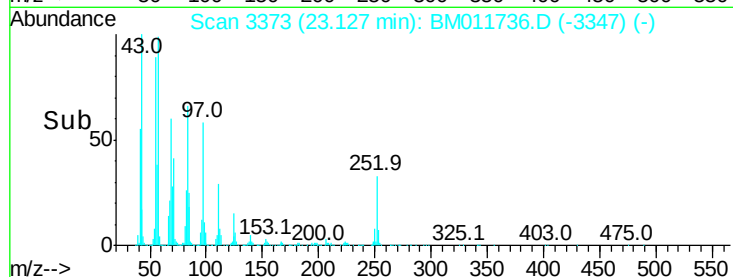
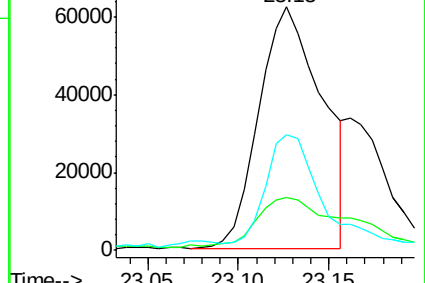
125 47.5 3.4 5.2#



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: 1.207 ng/ul

RT: 23.73 min Scan# 3476

Delta R.T. -0.01 min

Lab File: BM011736.D

Acq: 27 Sep 2017 22:56

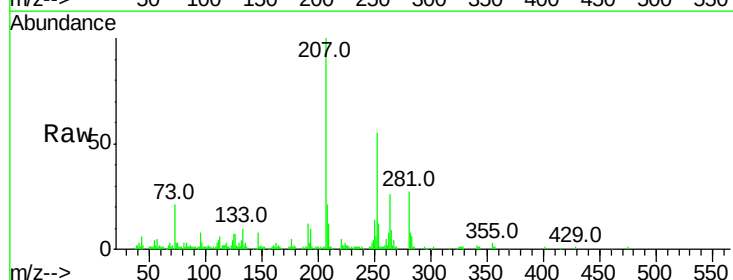
Tgt Ion:252 Resp: 97835

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 12.3 4.0 6.0#



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

