

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
 Data File : BM011692.D
 Acq On : 22 Sep 2017 14:54
 Operator : SJ/JU
 Sample : I5283-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 23:54:25 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	379535	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1718240	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	941868	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1987347	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1463027	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1287469	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	1904	0.23	ng/uL	0.00
5) Phenol-d5	7.12	99	19870	0.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	60965	2.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	25777	0.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	19096	0.67	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	30899	2.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	4434	0.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	13025	0.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	238	0.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	51865	0.65	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	225159	2.34	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.58	176	163970	2.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.43	188	255435	2.61	ng/ul	0.00
79) Pyrene-d10	19.72	212	252070	3.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	152373	2.48	ng/ul	0.00

Target Compounds

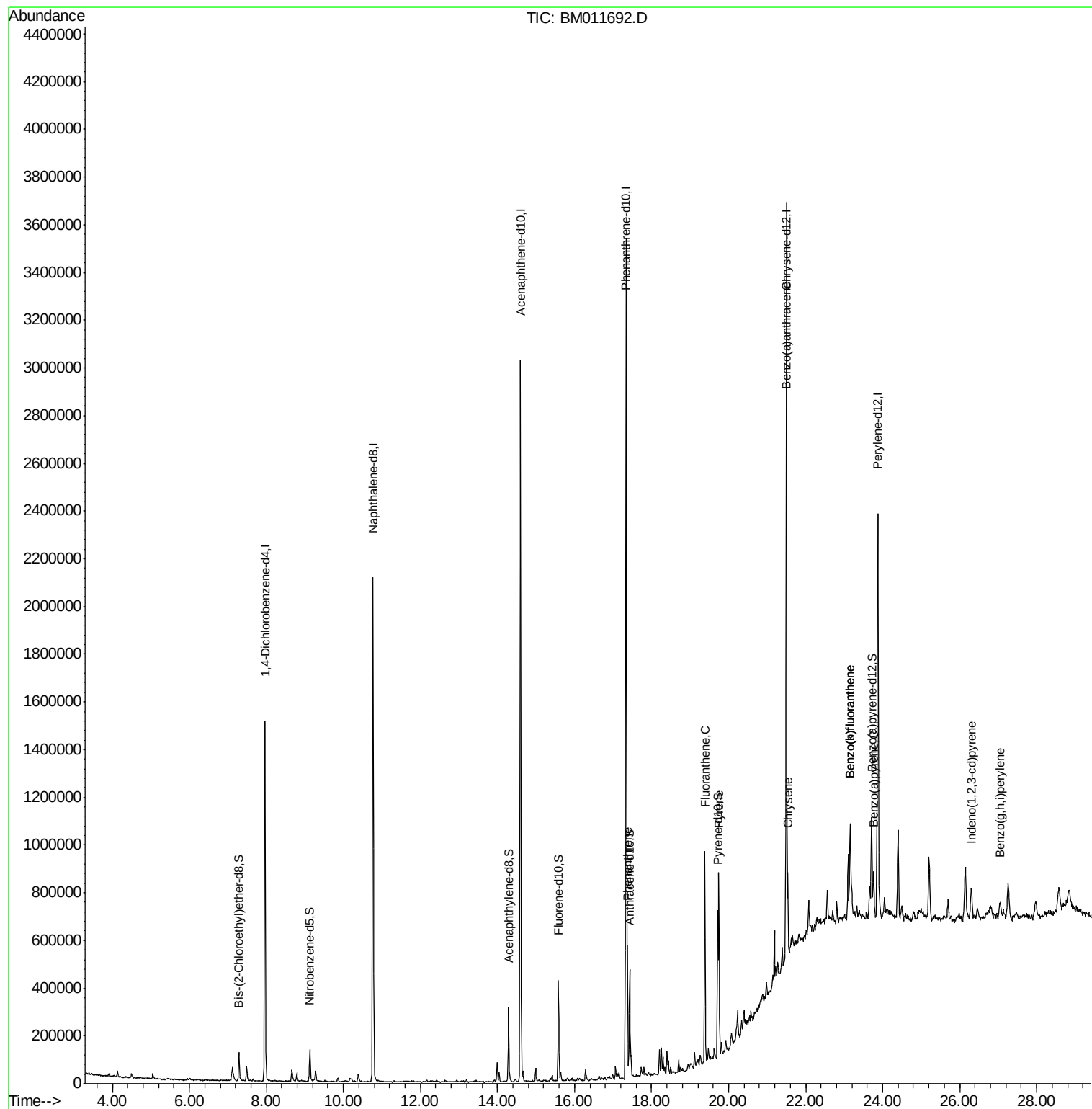
					Ovalue	
70) Phenanthrene	17.37	178	302641	2.732	ng/ul	98
77) Fluoranthene	19.39	202	522871	4.589	ng/ul#	93
80) Pyrene	19.74	202	445012	5.213	ng/ul#	88
83) Benzo(a)anthracene	21.49	228	193814	2.406	ng/ul	99
85) Chrysene	21.54	228	187294	2.565	ng/ul	96
88) Benzo(b)fluoranthene	23.15	252	221406	2.859	ng/ul#	91
89) Benzo(k)fluoranthene	23.15	252	221406	2.976	ng/ul#	91
91) Benzo(a)pyrene	23.77	252	141957	1.942	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.30	276	97980	1.218	ng/ul#	85
94) Benzo(a,h,i)perylene	27.05	276	95892	1.472	ng/ul#	89

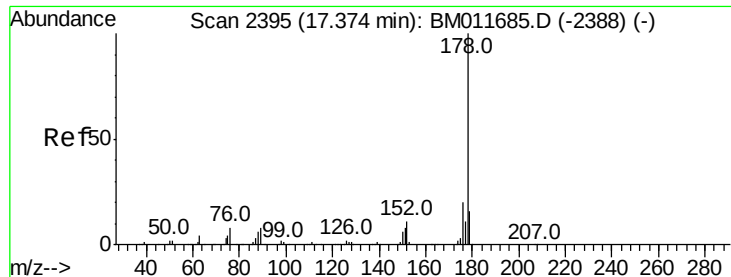
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration





#70

Phenanthrene

Concen: 2.732 ng/ul

RT: 17.37 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM011692.D

Acq: 22 Sep 2017 14:54

Instrument :

BNA_M

ClientSampleId :

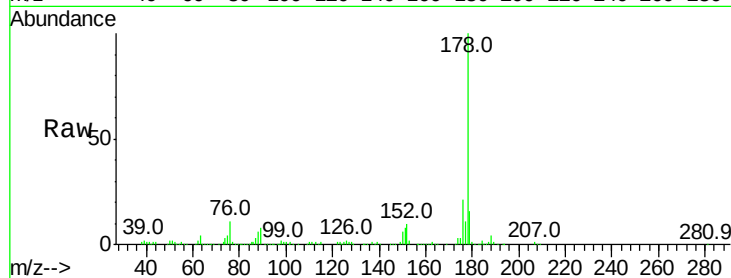
Tot Ion:178 Resp: 302641

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

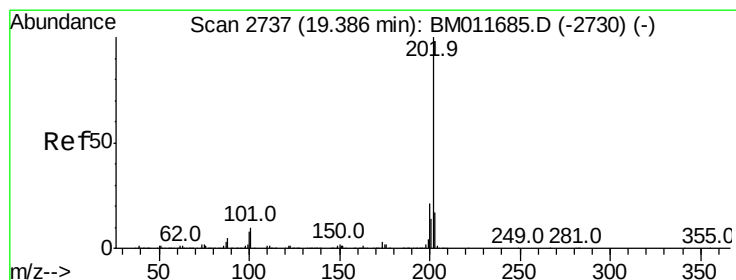
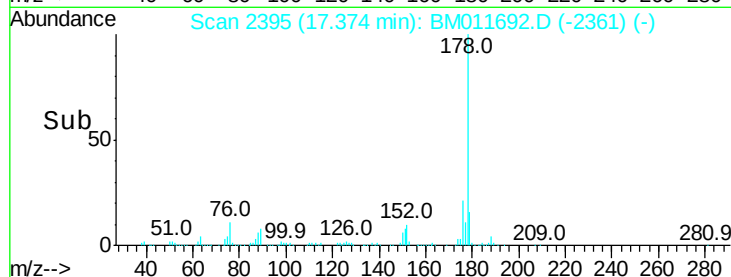
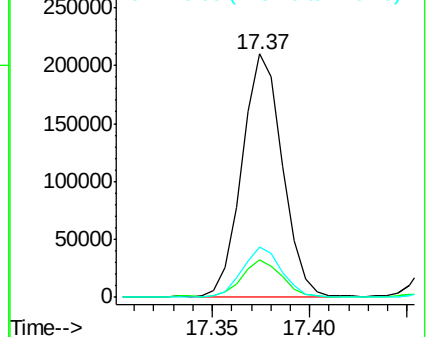
176 20.7 15.4 23.0



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: 4.589 ng/ul

RT: 19.39 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BM011692.D

Acq: 22 Sep 2017 14:54

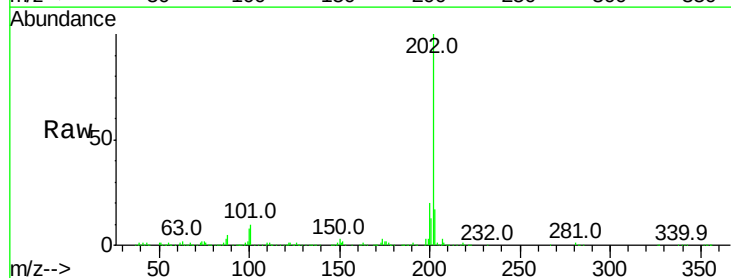
Tgt Ion:202 Resp: 522871

Ion Ratio Lower Upper

202 100

101 10.0 6.1 9.1#

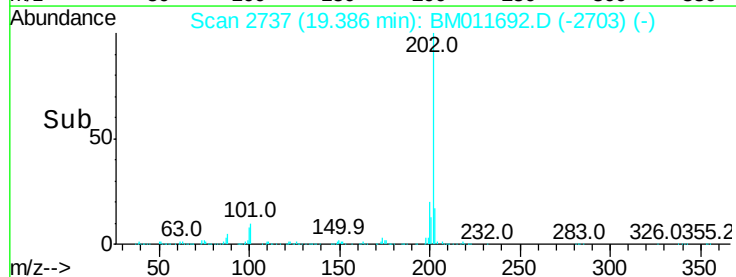
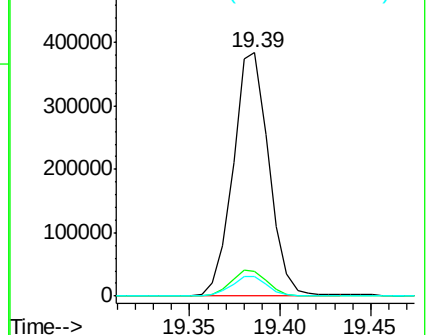
100 8.1 4.6 7.0#

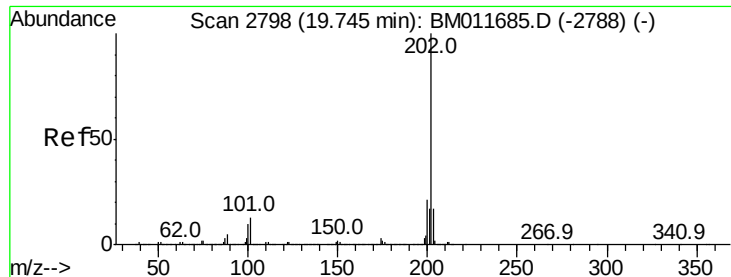


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

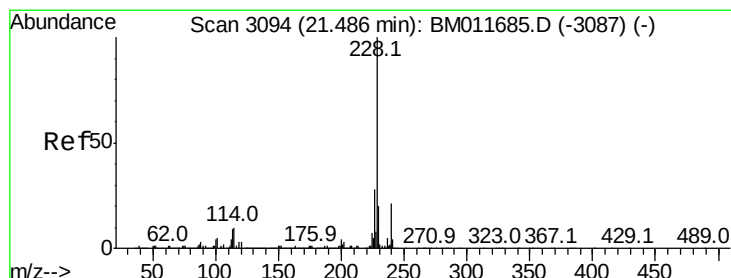
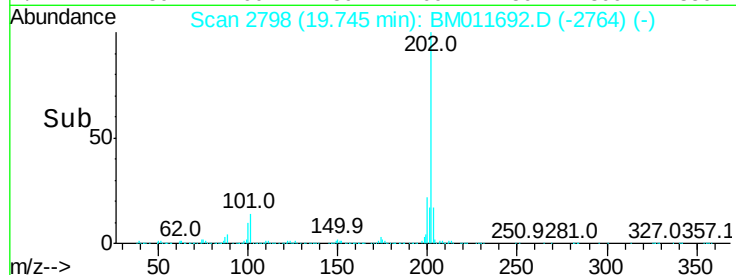
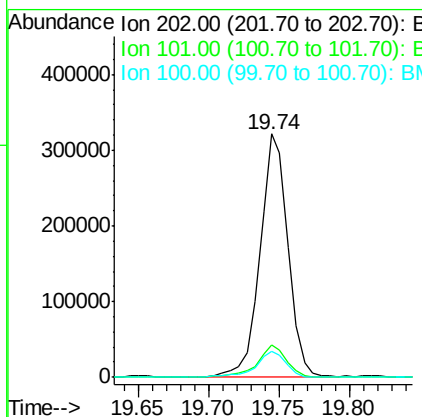
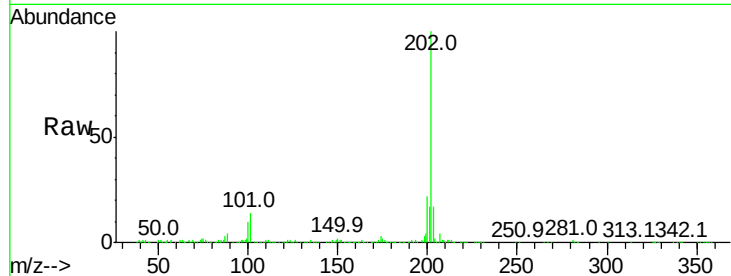




#80
 Pvrene
 Concen: 5.213 ng/ul
 RT: 19.74 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BM011692.D
 Acq: 22 Sep 2017 14:54

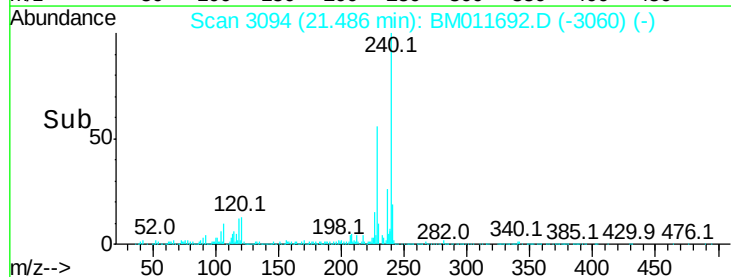
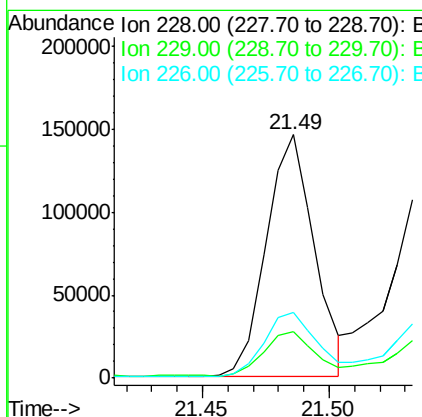
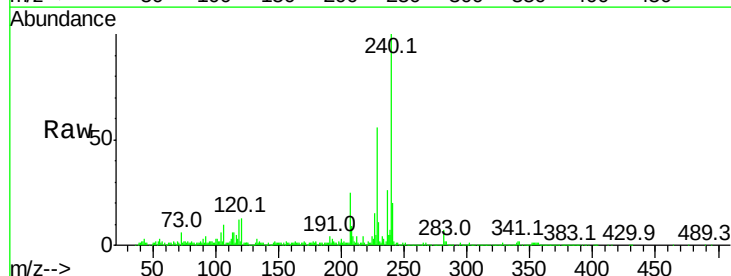
Instrument :
 BNA_M
 ClientSampleId :

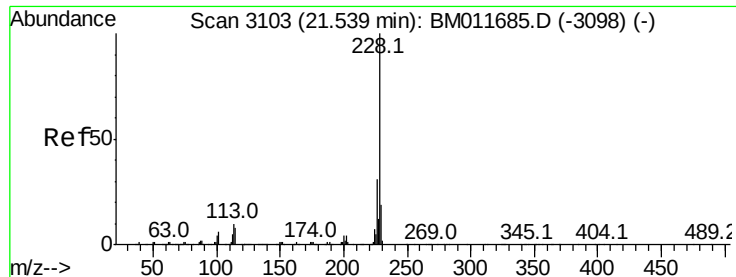
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.5	6.9	10.3#
100	10.4	5.6	8.4#



#83
 Benzo(a)anthracene
 Concen: 2.406 ng/ul
 RT: 21.49 min Scan# 3094
 Delta R.T. 0.00 min
 Lab File: BM011692.D
 Acq: 22 Sep 2017 14:54

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.2	16.0	24.0
226	27.0	21.8	32.8





#85

Chrysene

Concen: 2.565 ng/ul

RT: 21.54 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM011692.D

Acq: 22 Sep 2017 14:54

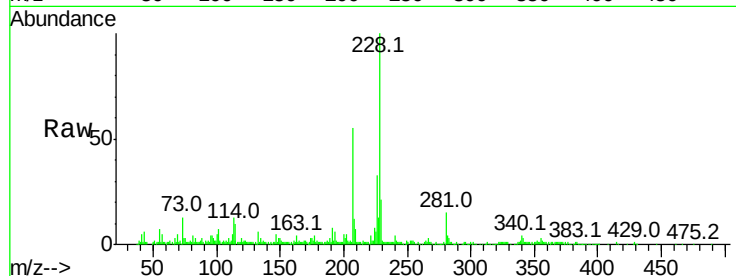
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 187294

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.1	36.1
229	21.4	16.0	24.0

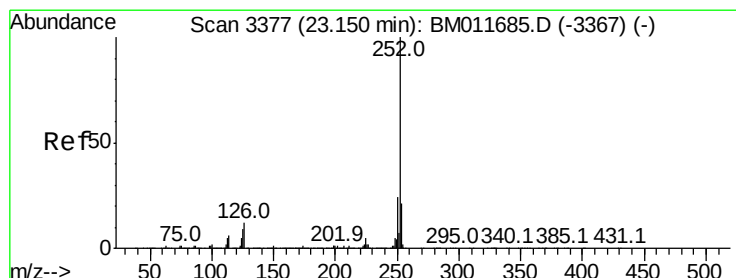
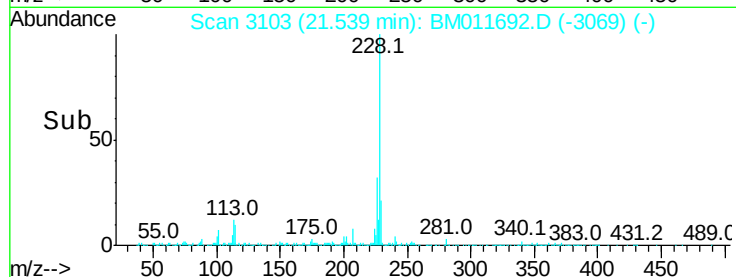
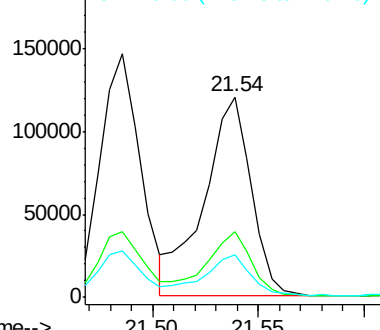


Abundance

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: 2.859 ng/ul

RT: 23.15 min Scan# 3377

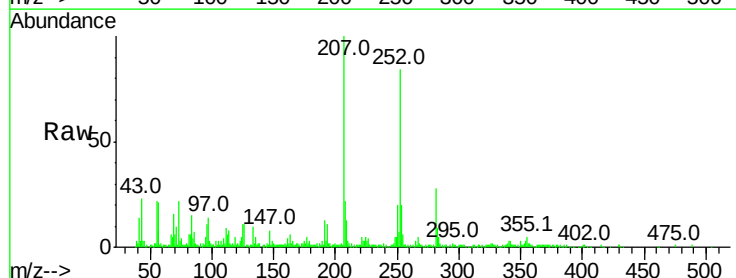
Delta R.T. 0.00 min

Lab File: BM011692.D

Acq: 22 Sep 2017 14:54

Tgt Ion:252 Resp: 221406

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	13.7	4.9	7.3

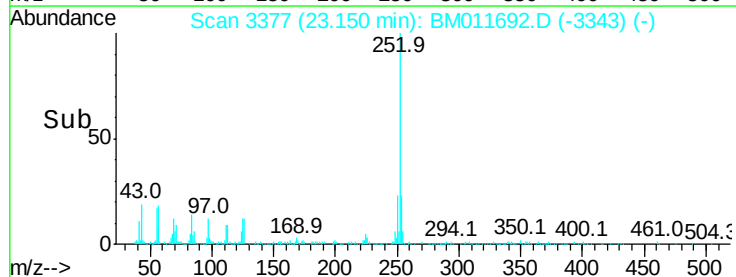
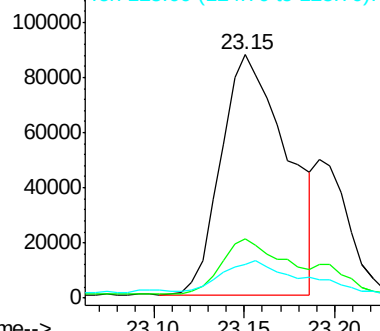


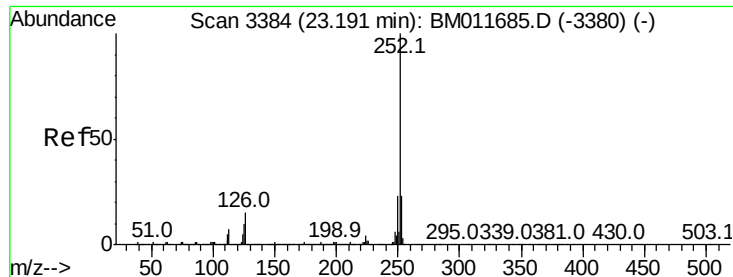
Abundance

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: 2.976 ng/ul

RT: 23.15 min Scan# 3377

Delta R.T. -0.04 min

Lab File: BM011692.D

Acq: 22 Sep 2017 14:54

Instrument :

BNA_M

ClientSampled :

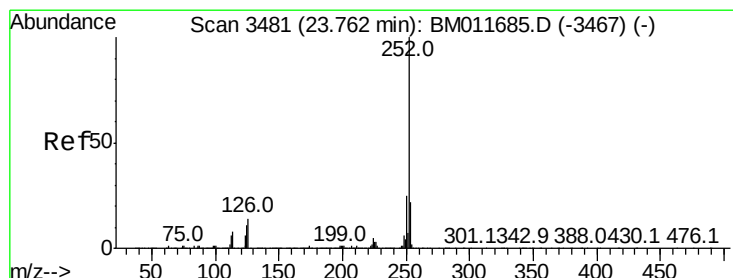
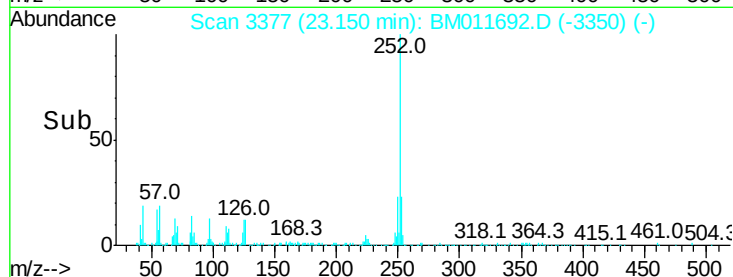
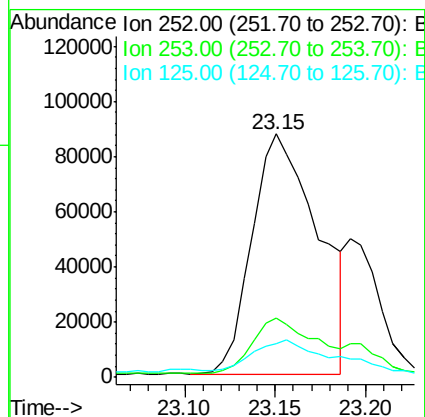
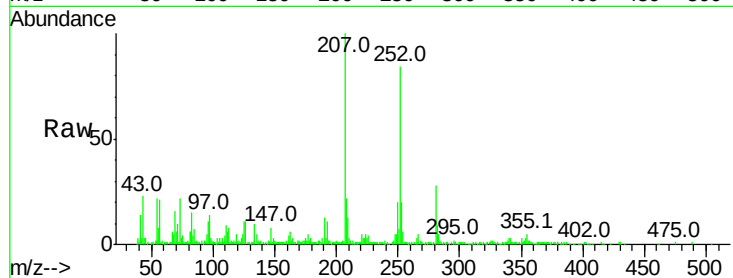
Tot Ion:252 Resp: 221406

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

125 13.7 5.4 8.0#



#91

Benzo(a)pyrene

Concen: 1.942 ng/ul

RT: 23.77 min Scan# 3482

Delta R.T. 0.01 min

Lab File: BM011692.D

Acq: 22 Sep 2017 14:54

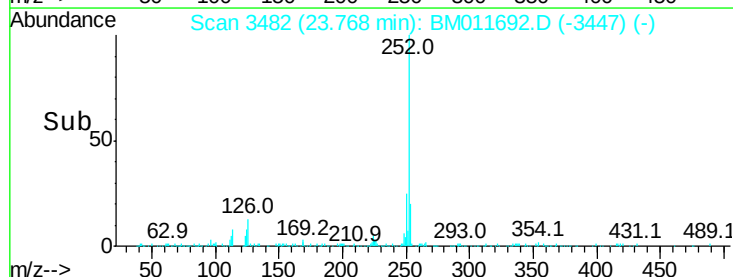
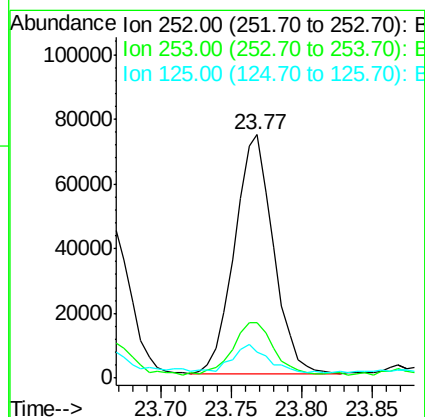
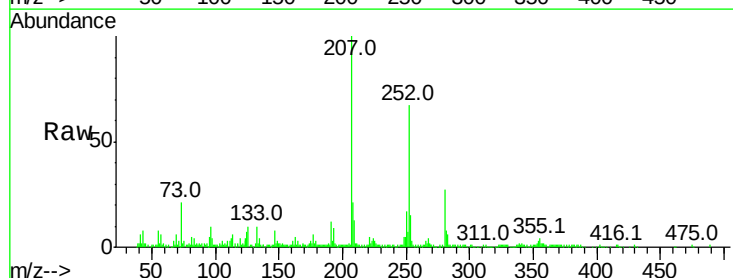
Tgt Ion:252 Resp: 141957

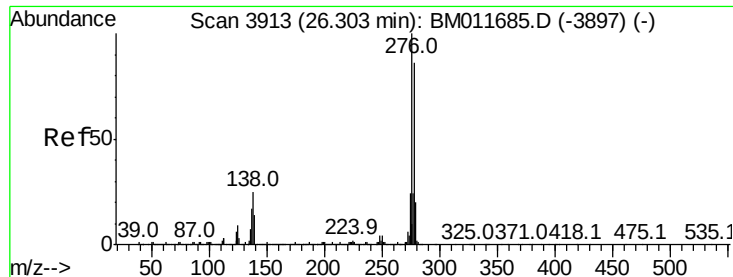
Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 10.8 5.8 8.6#



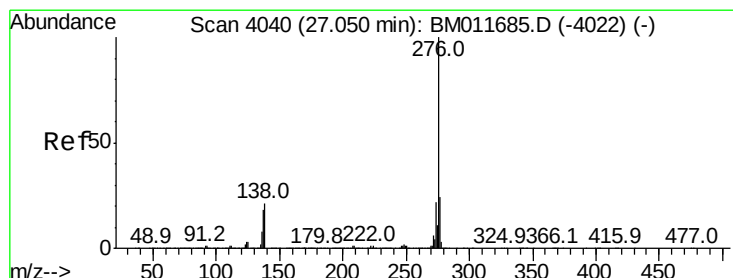
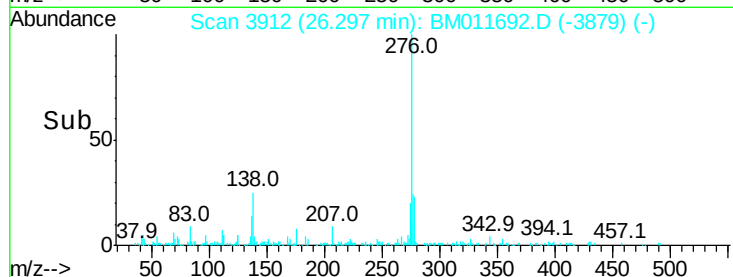
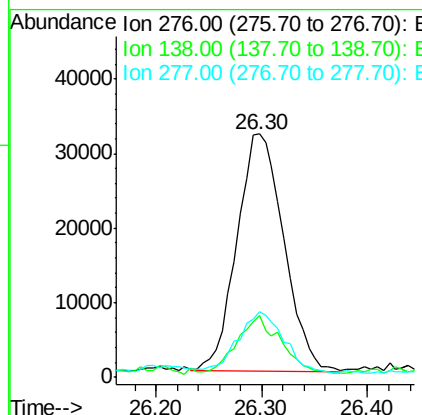
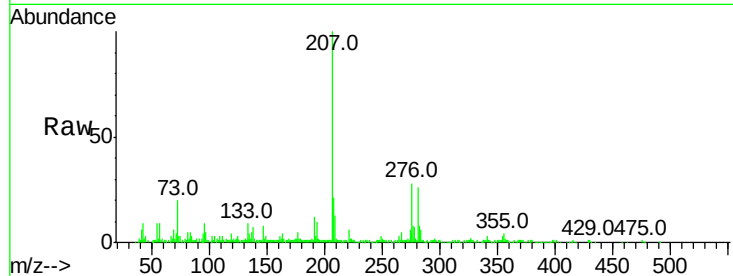


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.218 ng/ul
RT: 26.30 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM011692.D
Acq: 22 Sep 2017 14:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	10.9	16.3#
277	27.0	18.9	28.3



#94

Benzo(g,h,i)perylene
Concen: 1.472 ng/ul
RT: 27.05 min Scan# 4040
Delta R.T. 0.00 min
Lab File: BM011692.D
Acq: 22 Sep 2017 14:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	11.2	16.8#
277	20.9	19.0	28.6

