

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
 Data File : BM011693.D
 Acq On : 22 Sep 2017 15:33
 Operator : SJ/JU
 Sample : I5283-04RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 23:54:38 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	360403	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1616570	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	859828	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1744392	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1201077	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1205262	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.40	96	1545	0.19	ng/uL	0.01
5) Phenol-d5	7.12	99	5440	0.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	47375	2.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	6232	0.24	ng/ul	0.01
13) 4-Methylphenol-d8	8.66	113	2865	0.11	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	23388	1.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	427	0.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	1736	0.07	ng/ul	0.02
29) 4-Chloroaniline-d4	10.77	131	2433	0.09	ng/ul	-0.12
44) Dimethylphthalate-d6	14.00	166	17052	0.23	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	191203	2.17	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.58	176	150214	2.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.43	188	231119	2.69	ng/ul	0.00
79) Pyrene-d10	19.72	212	226177	4.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	141897	2.47	ng/ul	0.00

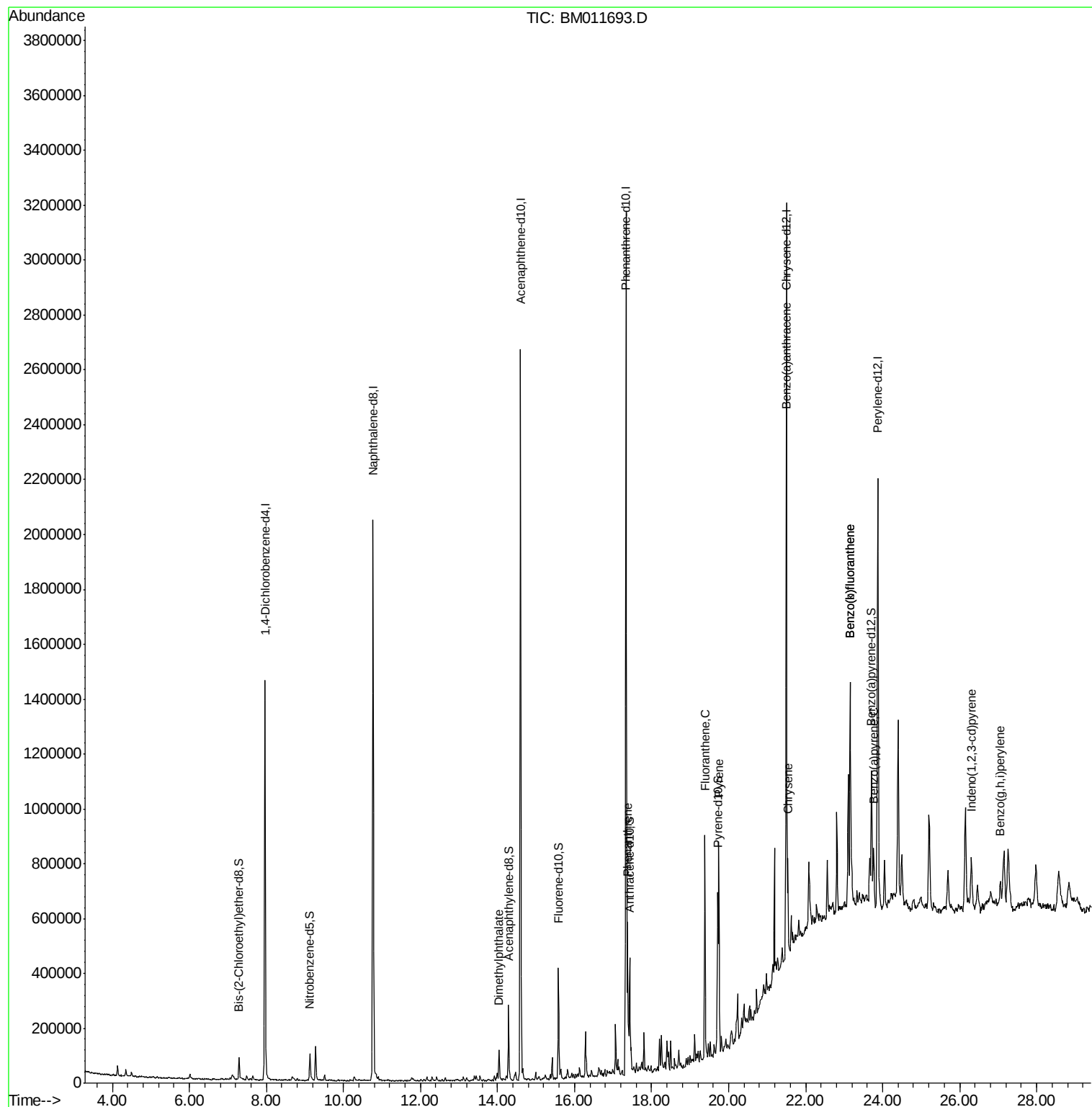
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	14.04	163	72065	1.035	ng/ul	97
70) Phenanthrene	17.37	178	295579	3.040	ng/ul	99
77) Fluoranthene	19.39	202	489543	4.895	ng/ul#	93
80) Pyrene	19.74	202	429403	6.128	ng/ul#	85
83) Benzo(a)anthracene	21.49	228	195120	2.950	ng/ul	98
85) Chrysene	21.54	228	198377	3.309	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	257446	3.551	ng/ul#	90
89) Benzo(k)fluoranthene	23.15	252	257446	3.697	ng/ul#	89
91) Benzo(a)pyrene	23.77	252	160555	2.346	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	26.30	276	120908	1.606	ng/ul#	91
94) Benzo(g,h,i)perylene	27.06	276	113902	1.868	ng/ul#	91

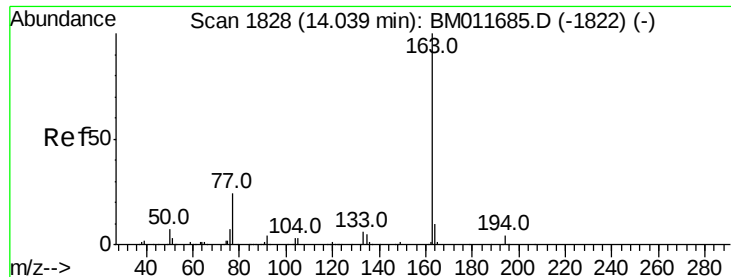
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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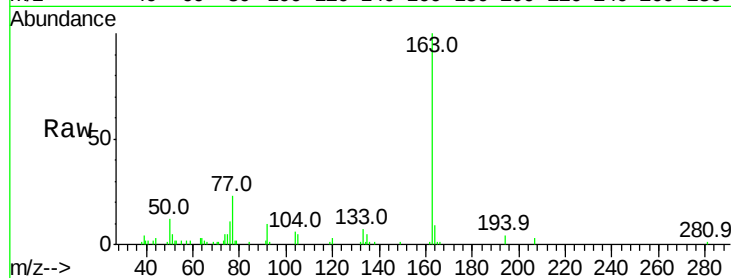




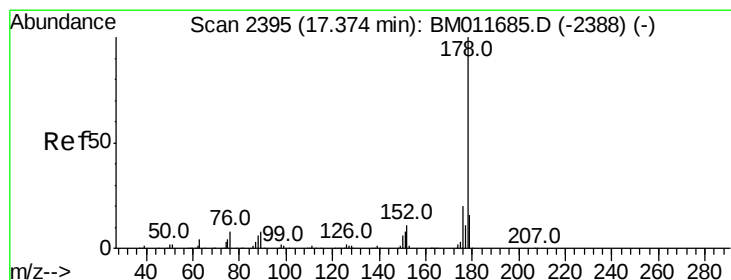
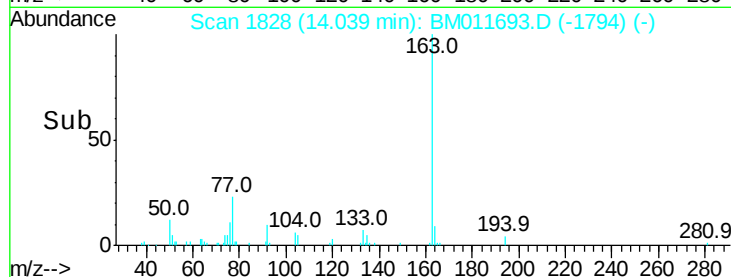
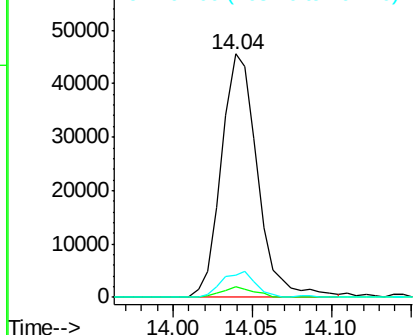
#45
Dimethylphthalate
Concen: 1.035 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BM011693.D
Acq: 22 Sep 2017 15:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 72065
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 9.2 8.4 12.6

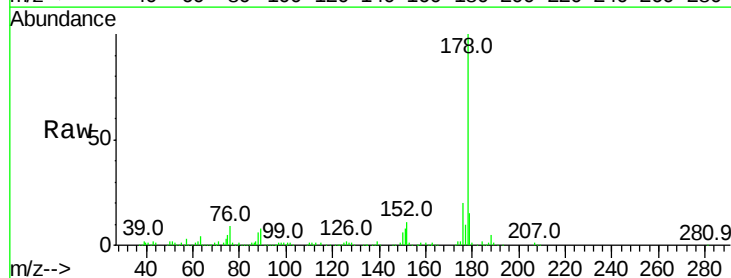


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

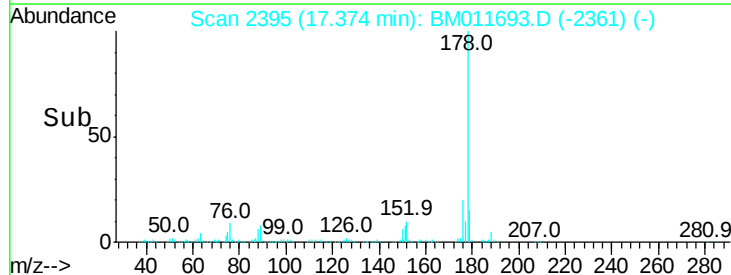
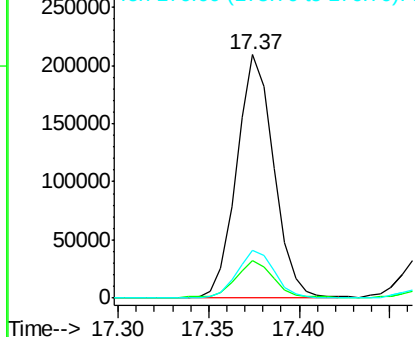


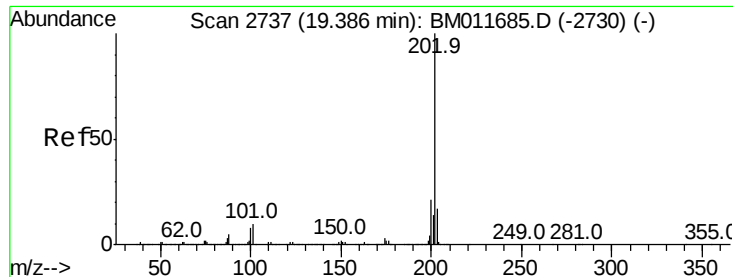
#70
Phenanthrene
Concen: 3.040 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM011693.D
Acq: 22 Sep 2017 15:33

Tgt Ion:178 Resp: 295579
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.9 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

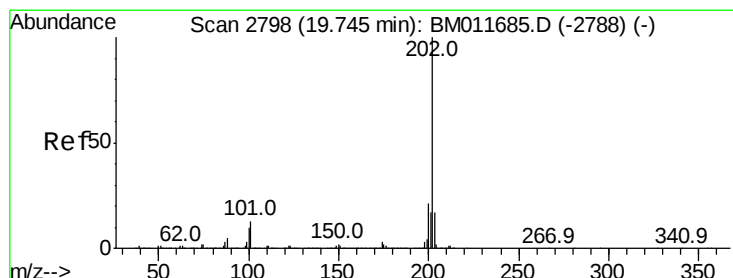
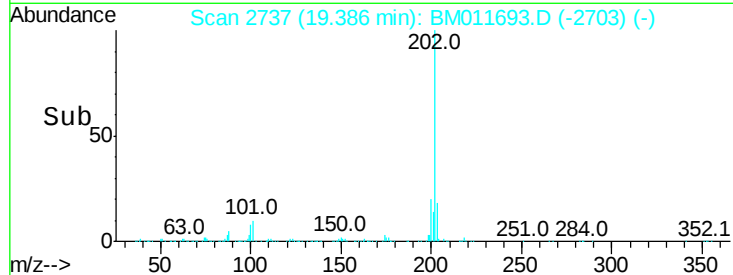
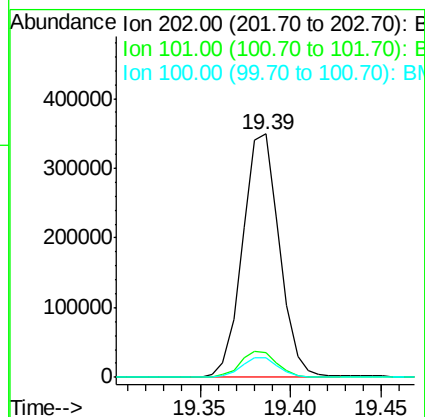
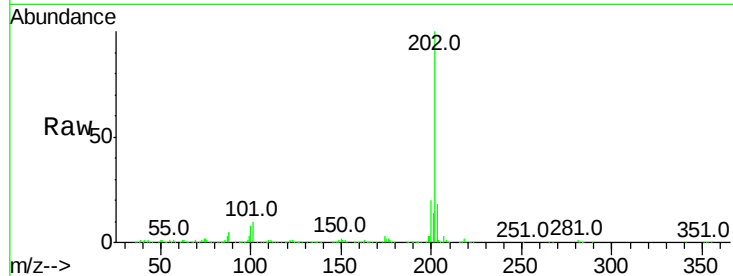




#77
 Fluoranthene
 Concen: 4.895 ng/ul
 RT: 19.39 min Scan# 2737
 Delta R.T. 0.00 min
 Lab File: BM011693.D
 Acq: 22 Sep 2017 15:33

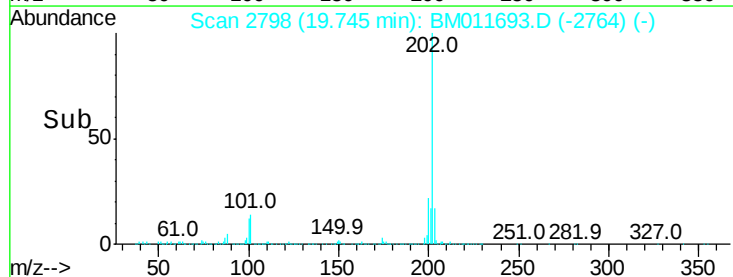
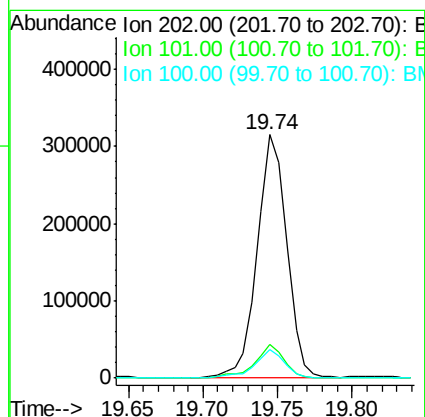
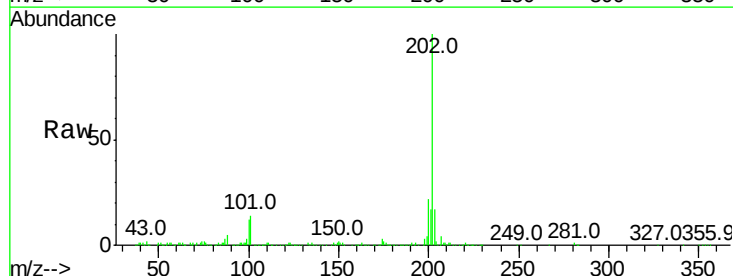
Instrument :
 BNA_M
 ClientSampleId :

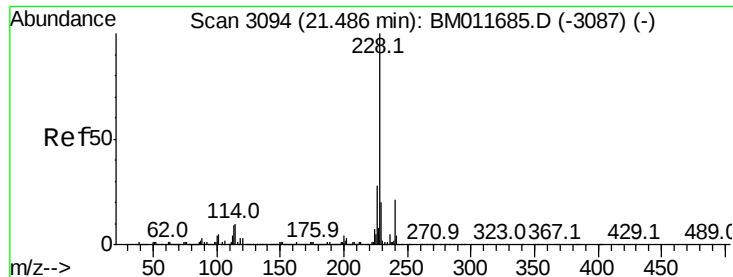
Tot Ion	Ratio	Resp	Lower	Upper
202	100	489543		
101	10.0		6.1	9.1#
100	8.1		4.6	7.0#



#80
 Pyrene
 Concen: 6.128 ng/ul
 RT: 19.74 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BM011693.D
 Acq: 22 Sep 2017 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	429403		
101	14.0		6.9	10.3#
100	11.7		5.6	8.4#





#83

Benzo(a)anthracene

Concen: 2.950 ng/ul

RT: 21.49 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM011693.D

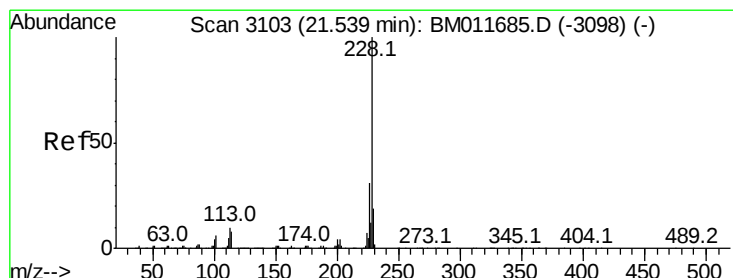
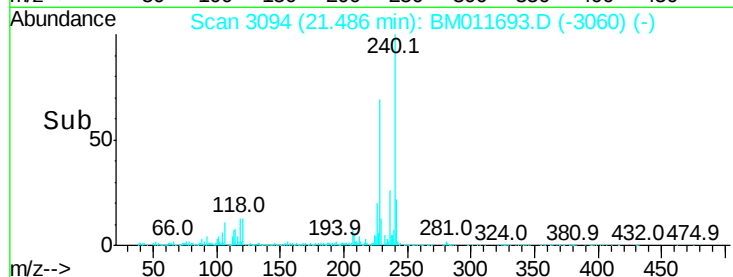
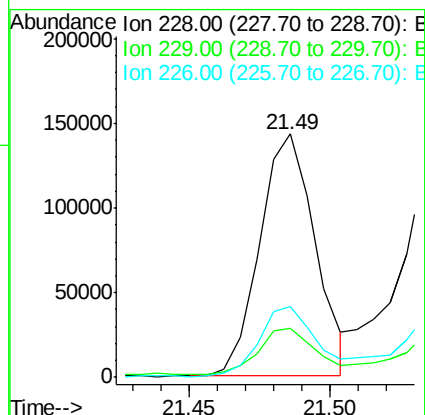
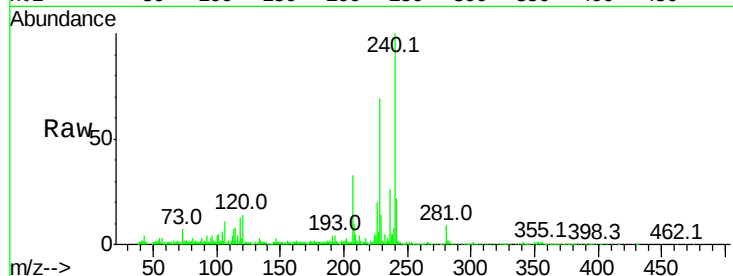
Acq: 22 Sep 2017 15:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	228	Resp:	195120
Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.0	24.0
226	28.9	21.8	32.8



#85

Chrysene

Concen: 3.309 ng/ul

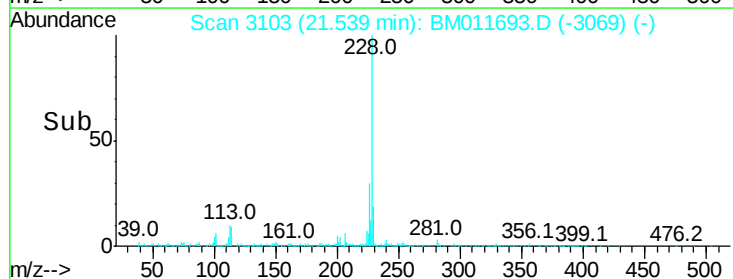
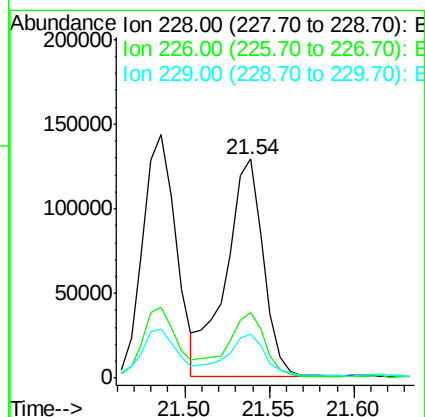
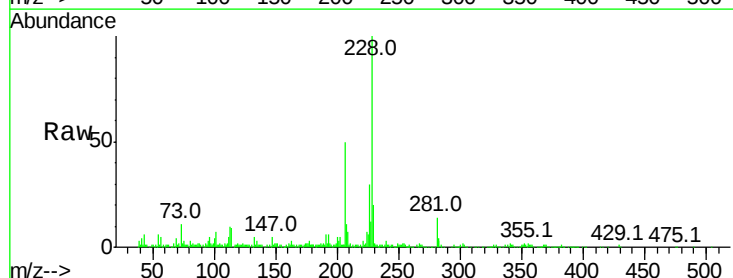
RT: 21.54 min Scan# 3103

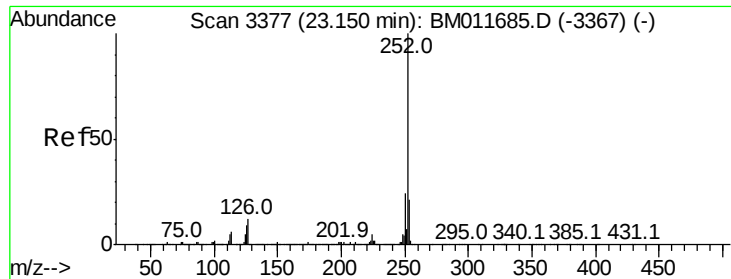
Delta R.T. 0.00 min

Lab File: BM011693.D

Acq: 22 Sep 2017 15:33

Tgt Ion:	228	Resp:	198377
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.8	16.0	24.0





#88

Benzo(b)fluoranthene

Concen: 3.551 ng/ul

RT: 23.15 min Scan# 3377

Delta R.T. 0.00 min

Lab File: BM011693.D

Acq: 22 Sep 2017 15:33

Instrument :

BNA_M

ClientSampleId :

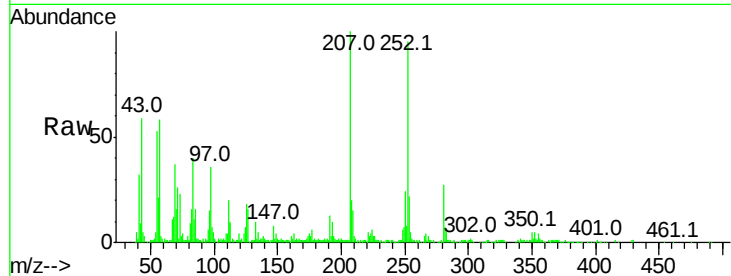
Tot Ion:252 Resp: 257446

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

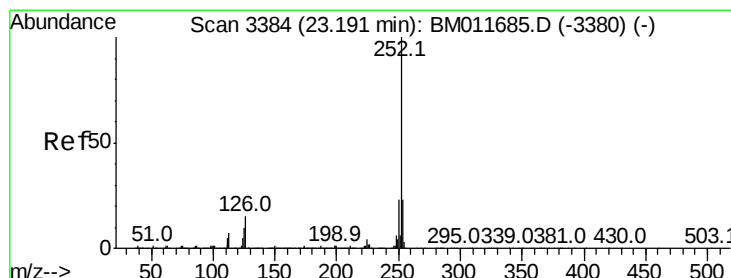
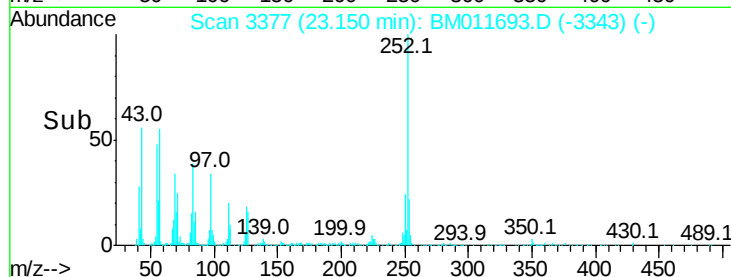
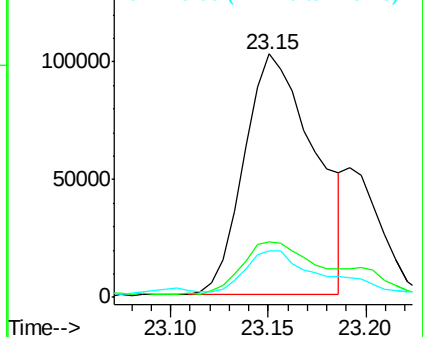
125 18.9 4.9 7.3#



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: 3.697 ng/ul

RT: 23.15 min Scan# 3377

Delta R.T. -0.04 min

Lab File: BM011693.D

Acq: 22 Sep 2017 15:33

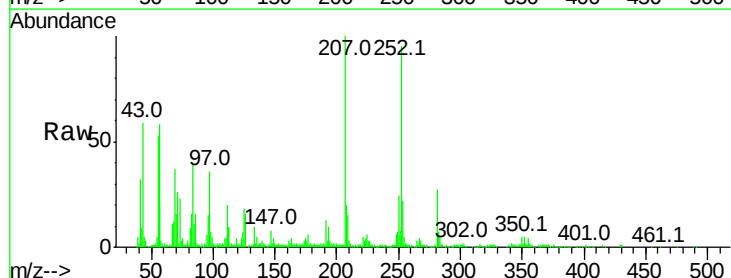
Tgt Ion:252 Resp: 257446

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

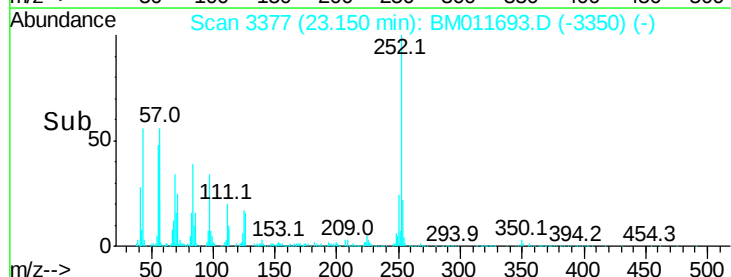
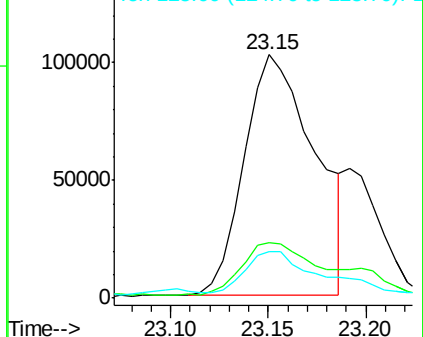
125 18.9 5.4 8.0#

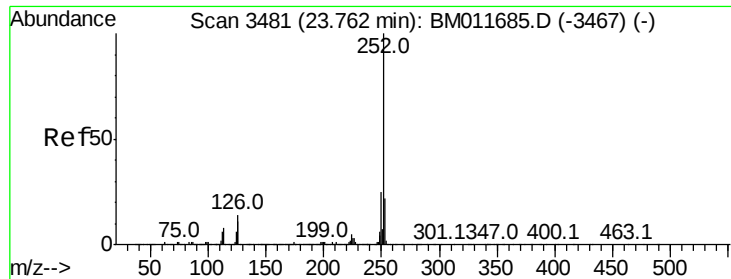


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.346 ng/ul

RT: 23.77 min Scan# 3482

Delta R.T. 0.01 min

Lab File: BM011693.D

Acq: 22 Sep 2017 15:33

Instrument :

BNA_M

ClientSampled :

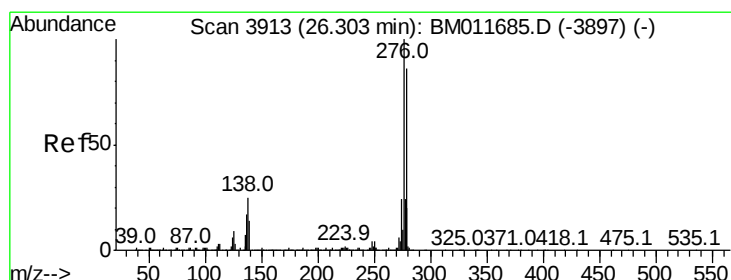
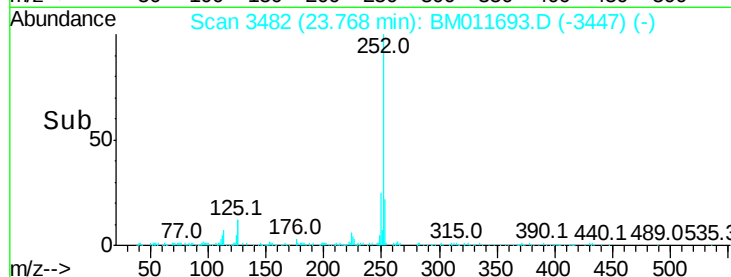
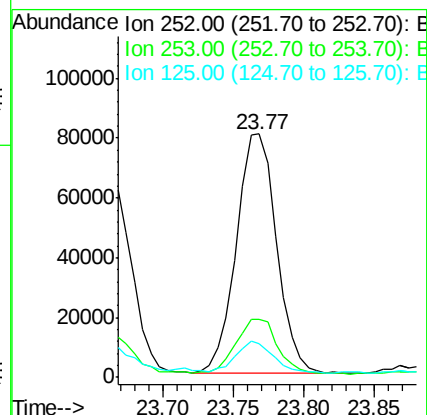
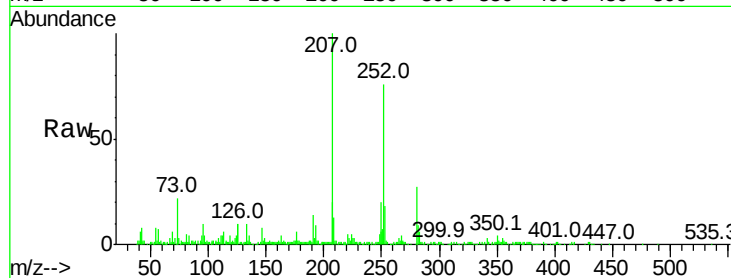
Tot Ion:252 Resp: 160555

Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

125 13.6 5.8 8.6#



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.606 ng/ul

RT: 26.30 min Scan# 3912

Delta R.T. -0.01 min

Lab File: BM011693.D

Acq: 22 Sep 2017 15:33

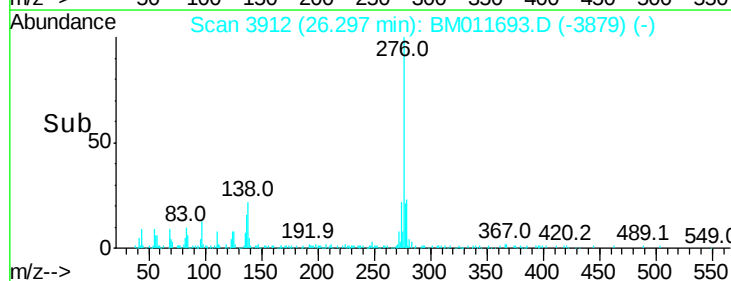
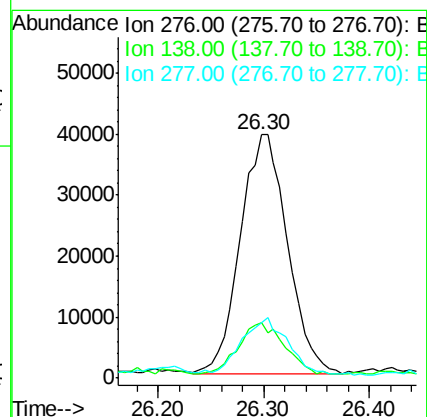
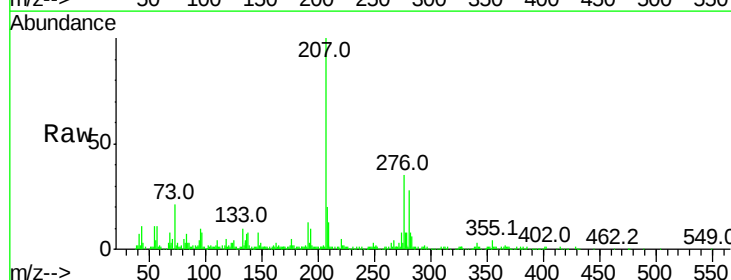
Tgt Ion:276 Resp: 120908

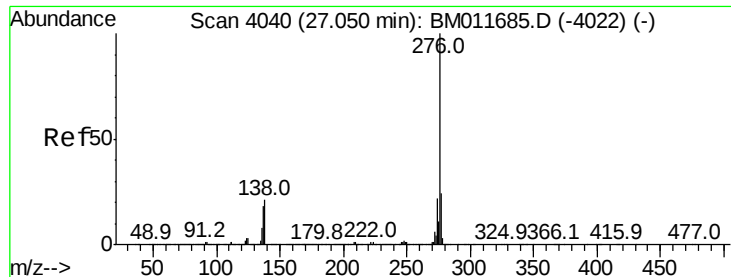
Ion Ratio Lower Upper

276 100

138 22.6 10.9 16.3#

277 23.0 18.9 28.3





#94

Benzo(a,h,i)perylene

Concen: 1.868 ng/ul

RT: 27.06 min Scan# 4041

Delta R.T. 0.01 min

Lab File: BM011693.D

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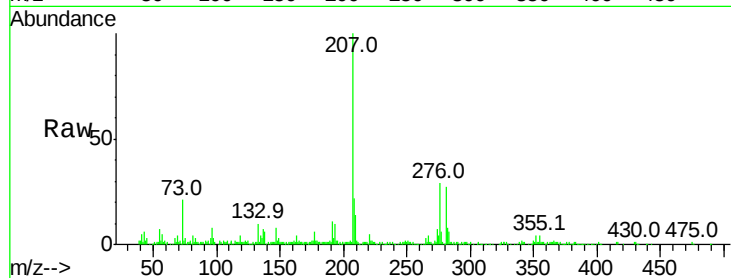
Tot Ion:276 Resp: 113902

Ion Ratio Lower Upper

276 100

138 20.9 11.2 16.8#

277 21.5 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

