

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011669.D
 Acq On : 22 Sep 2017 00:29
 Operator : SJ/JU
 Sample : I5283-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 08:43:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 08:34:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	417528	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	1942333	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	1084560	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2360378	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2353649	20.00	ng/ul	0.00
86) Perylene-d12	23.86	264	1820578	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.39	96	11297	1.22	ng/uL	0.00
5) Phenol-d5	7.11	99	200919	5.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	186730	6.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	187185	6.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	135296	4.32	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	91044	6.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	92580	6.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	157954	5.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	19912	0.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	586553	6.40	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	718808	6.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	14231	0.83	ng/ul	0.01
58) Fluorene-d10	15.58	176	525102	6.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	39649	2.89	ng/ul	0.00
71) Anthracene-d10	17.43	188	766197	6.59	ng/ul	0.00
79) Pyrene-d10	19.72	212	885289	8.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	576250	6.64	ng/ul	0.00

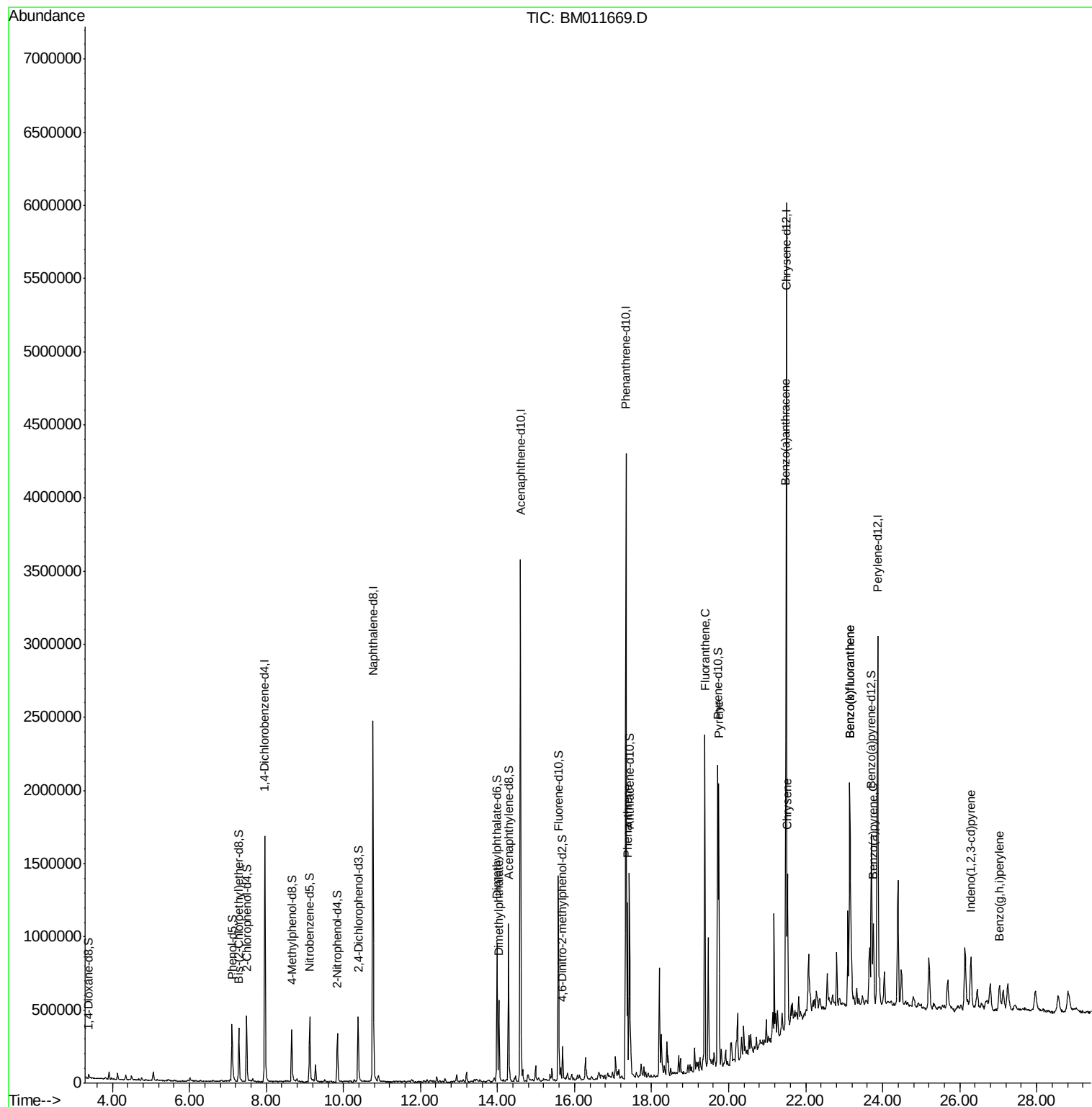
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	14.04	163	337506	3.845	ng/ul#	99
70) Phenanthrene	17.37	178	678423	5.157	ng/ul	100
77) Fluoranthene	19.38	202	1260842	9.317	ng/ul#	91
80) Pyrene	19.74	202	1131691	8.241	ng/ul#	88
83) Benzo(a)anthracene	21.48	228	593576	4.580	ng/ul	99
85) Chrysene	21.53	228	569133	4.844	ng/ul	98
88) Benzo(b)fluoranthene	23.14	252	680668	6.215	ng/ul#	92
89) Benzo(k)fluoranthene	23.14	252	680668	6.471	ng/ul#	92
91) Benzo(a)pyrene	23.76	252	390581	3.778	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.29	276	235857	2.074	ng/ul#	91
94) Benzo(g,h,i)perylene	27.03	276	215315	2.338	ng/ul#	92

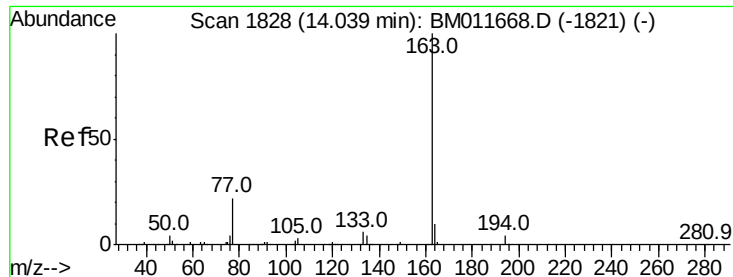
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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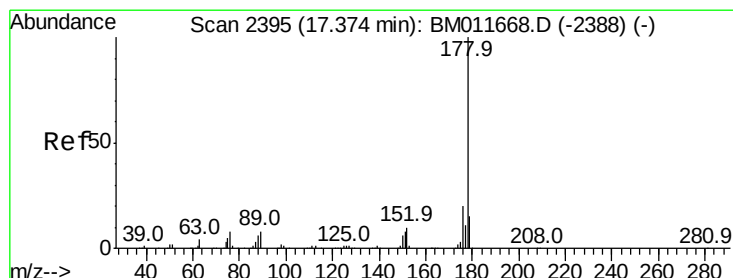
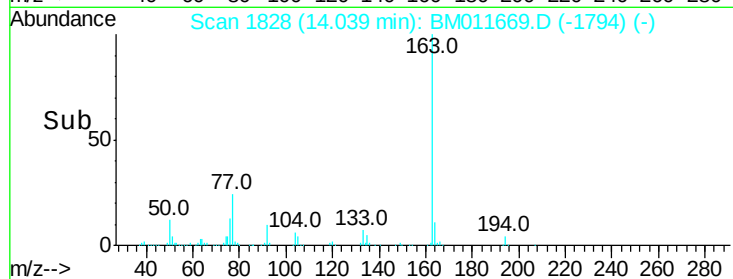
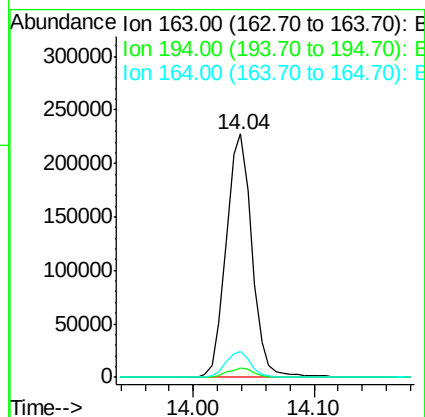
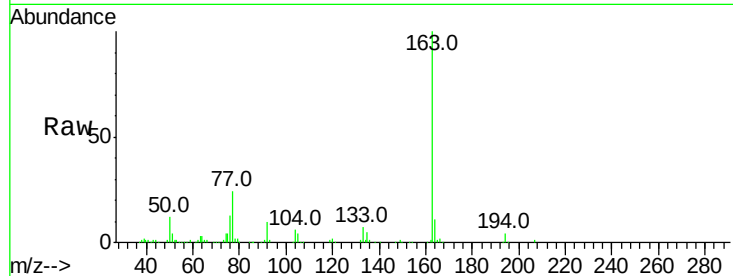




#45
Dimethylphthalate
Concen: 3.845 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BM011669.D
Acq: 22 Sep 2017 00:29

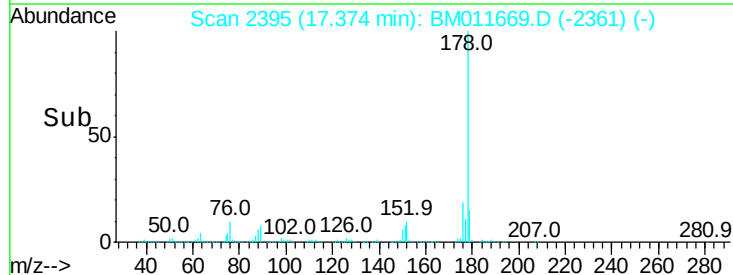
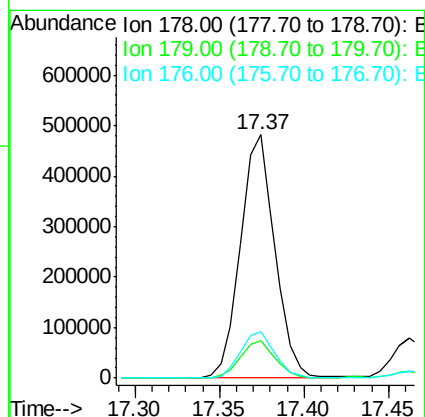
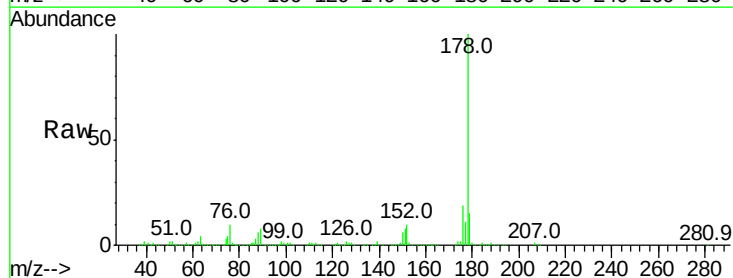
Instrument :
BNA_M
ClientSampleId :

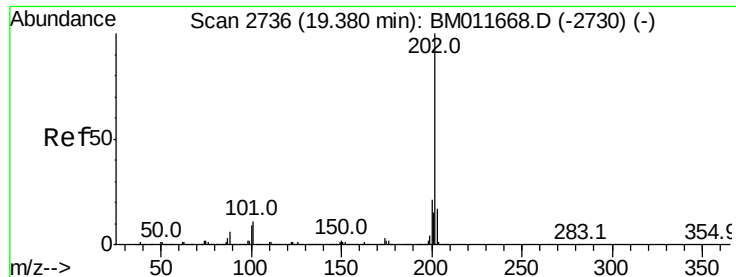
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	4.0	6.0#
164	10.5	8.4	12.6



#70
Phenanthrene
Concen: 5.157 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM011669.D
Acq: 22 Sep 2017 00:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.0	15.4	23.0

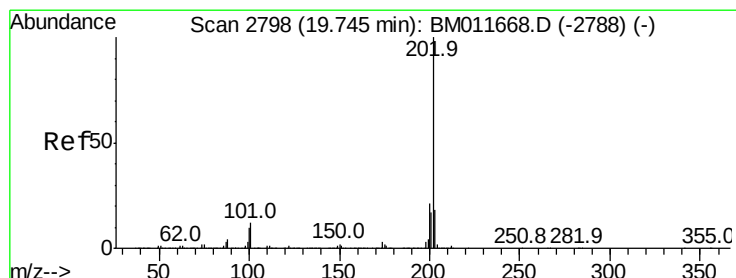
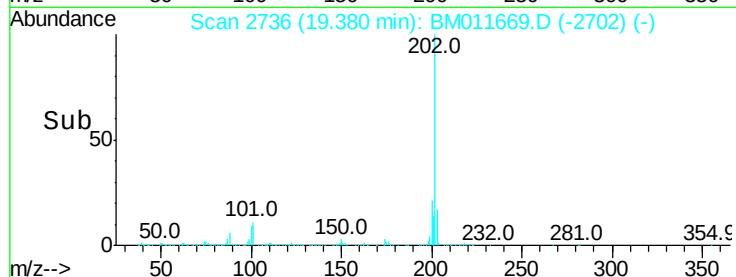
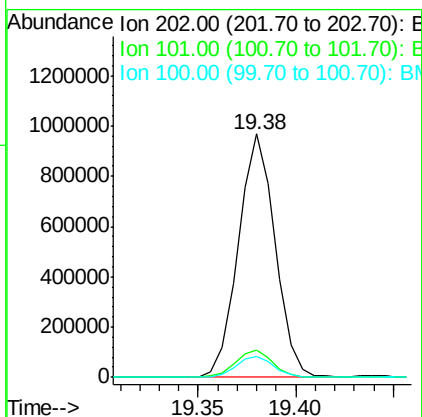
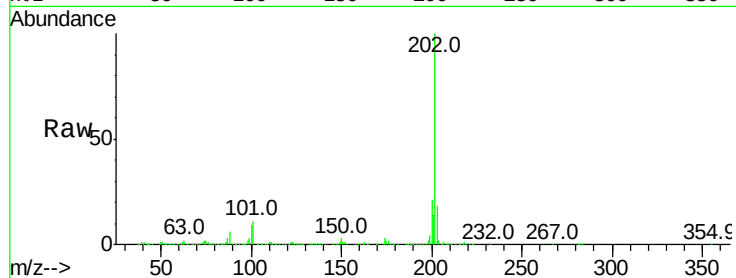




#77
Fluoranthene
Concen: 9.317 ng/ul
RT: 19.38 min Scan# 2736
Delta R.T. -0.00 min
Lab File: BM011669.D
Acq: 22 Sep 2017 00:29

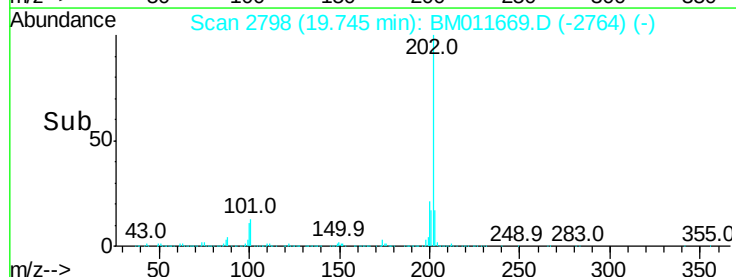
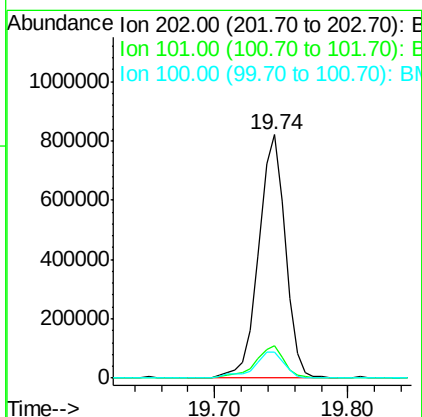
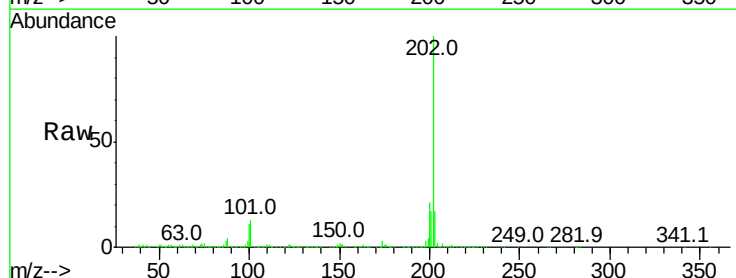
Instrument :
BNA_M
ClientSampleId :

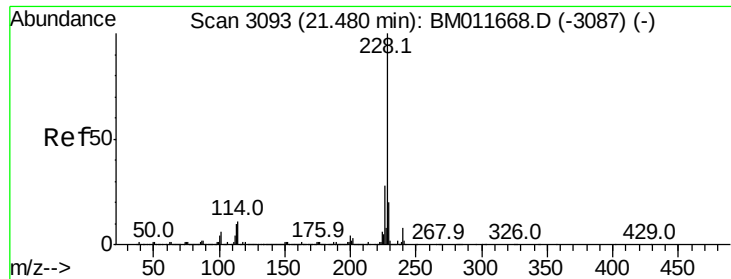
Tot Ion:202 Resp: 1260842
Ion Ratio Lower Upper
202 100
101 11.0 6.1 9.1#
100 8.8 4.6 7.0#



#80
Pyrene
Concen: 8.241 ng/ul
RT: 19.74 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM011669.D
Acq: 22 Sep 2017 00:29

Tgt Ion:202 Resp: 1131691
Ion Ratio Lower Upper
202 100
101 13.3 6.9 10.3#
100 10.7 5.6 8.4#





#83

Benzo(a)anthracene

Concen: 4.580 ng/ul

RT: 21.48 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM011669.D

Acq: 22 Sep 2017 00:29

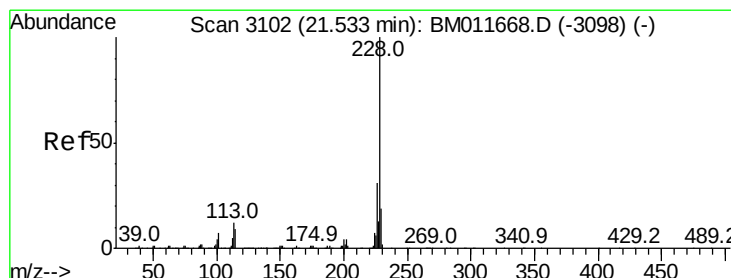
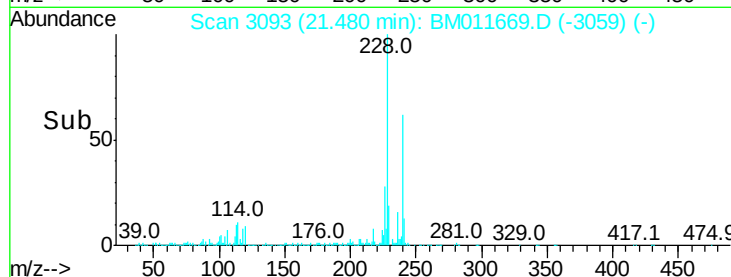
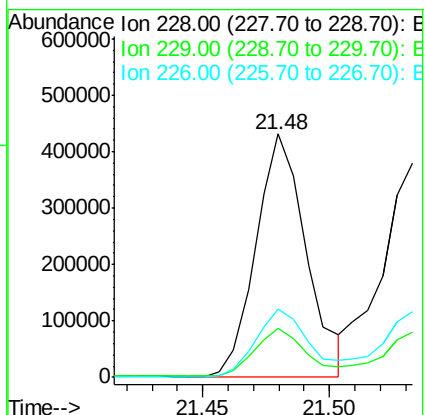
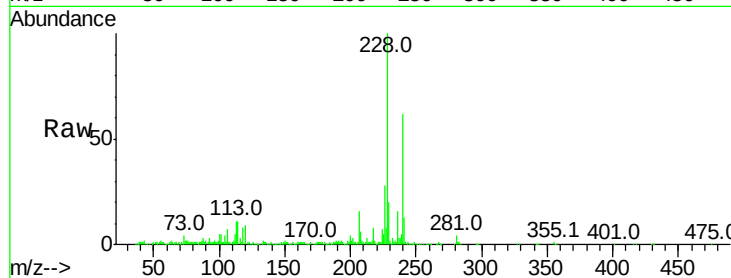
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 593576

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.0	24.0
226	28.0	21.8	32.8



#85

Chrysene

Concen: 4.844 ng/ul

RT: 21.53 min Scan# 3102

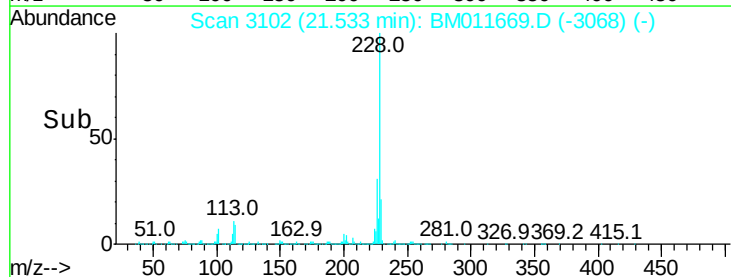
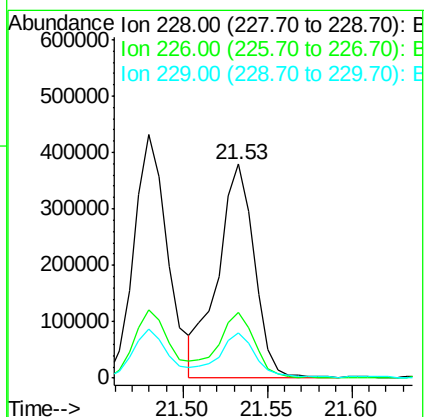
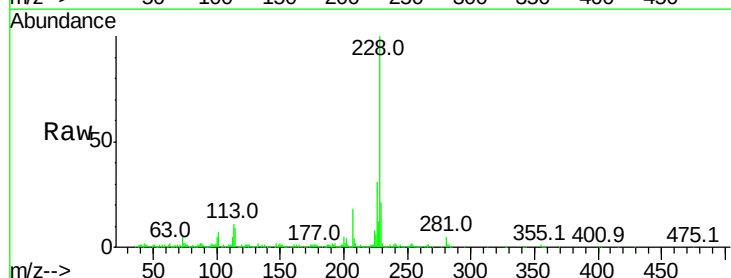
Delta R.T. -0.00 min

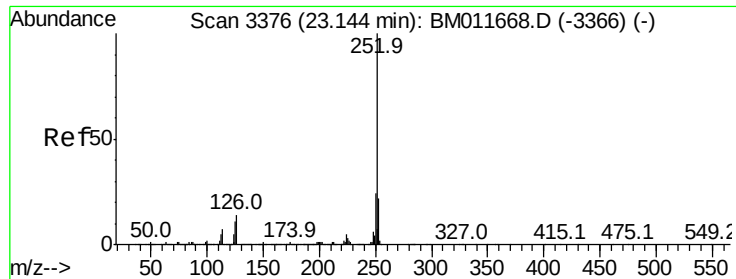
Lab File: BM011669.D

Acq: 22 Sep 2017 00:29

Tgt Ion:228 Resp: 569133

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	21.1	16.0	24.0





#88

Benzo(b)fluoranthene

Concen: 6.215 ng/ul

RT: 23.14 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BM011669.D

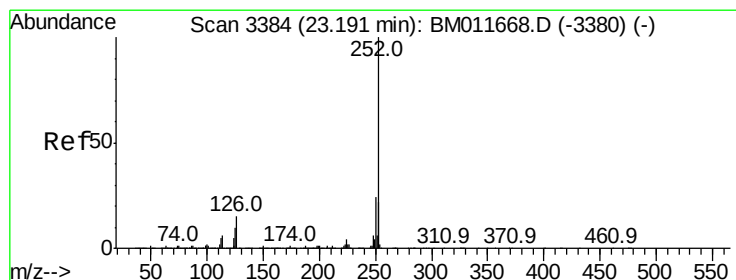
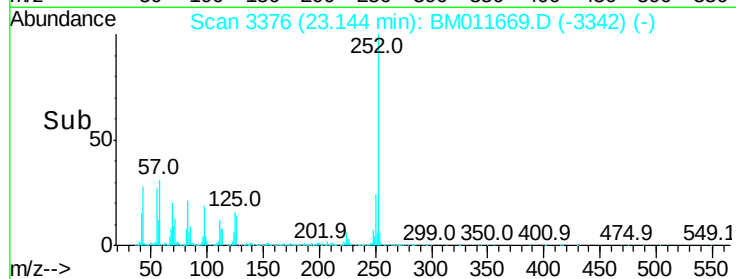
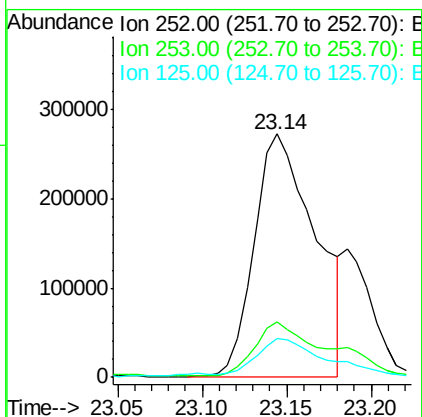
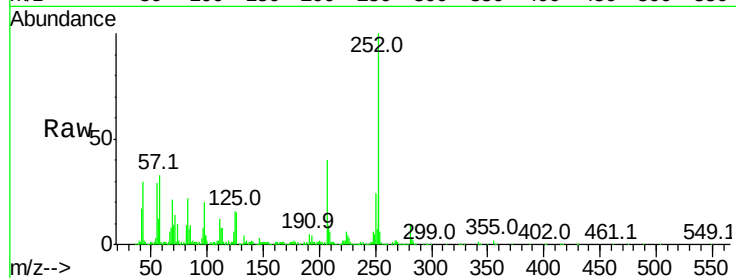
Acq: 22 Sep 2017 00:29

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	680668
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	16.1	4.9	7.3#



#89

Benzo(k)fluoranthene

Concen: 6.471 ng/ul

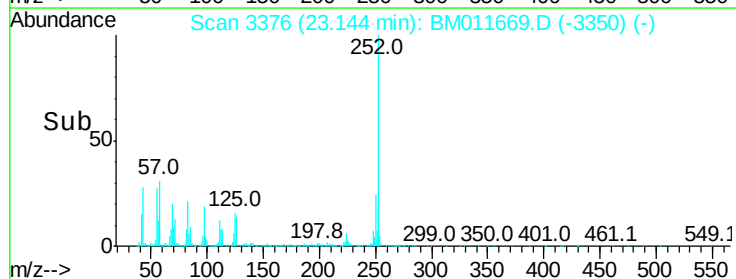
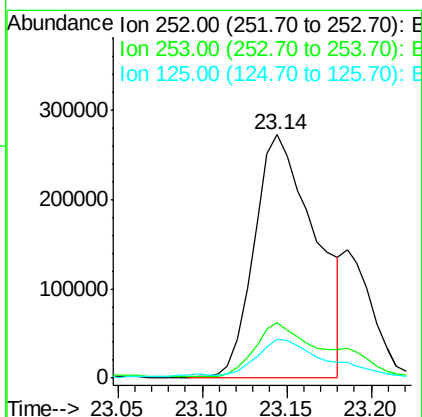
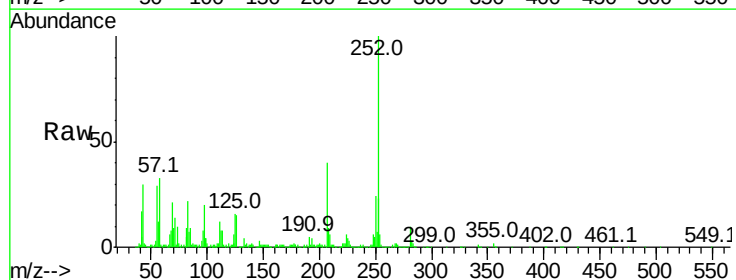
RT: 23.14 min Scan# 3376

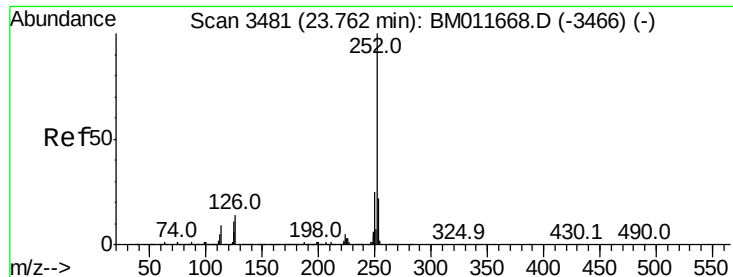
Delta R.T. -0.05 min

Lab File: BM011669.D

Acq: 22 Sep 2017 00:29

Tgt Ion:	252	Resp:	680668
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	16.1	5.4	8.0#





#91

Benzo(a)pyrene

Concen: 3.778 ng/ul

RT: 23.76 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BM011669.D

Acq: 22 Sep 2017 00:29

Instrument :

BNA_M

ClientSampleId :

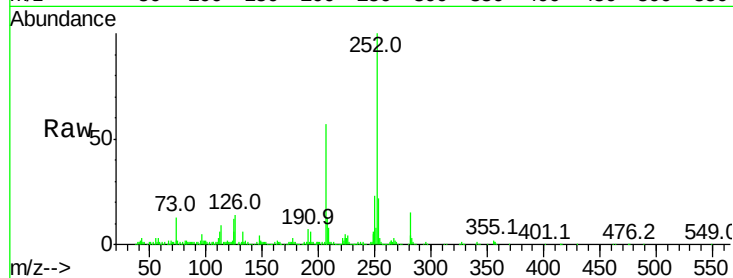
Tot Ion:252 Resp: 390581

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

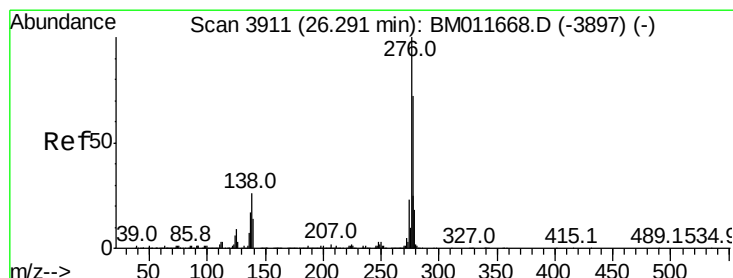
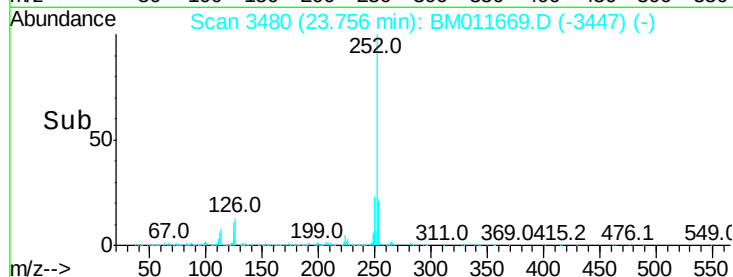
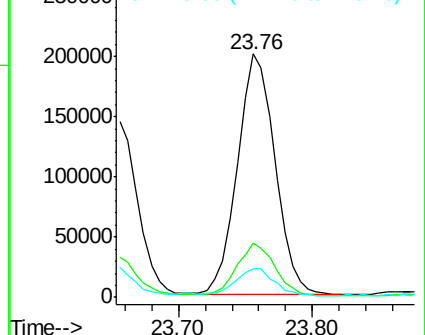
125 11.5 5.8 8.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.074 ng/ul

RT: 26.29 min Scan# 3910

Delta R.T. -0.01 min

Lab File: BM011669.D

Acq: 22 Sep 2017 00:29

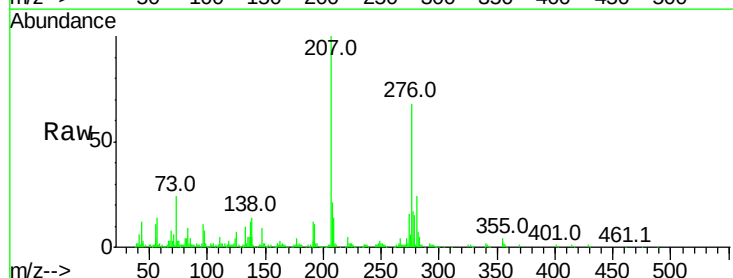
Tgt Ion:276 Resp: 235857

Ion Ratio Lower Upper

276 100

138 20.7 10.9 16.3#

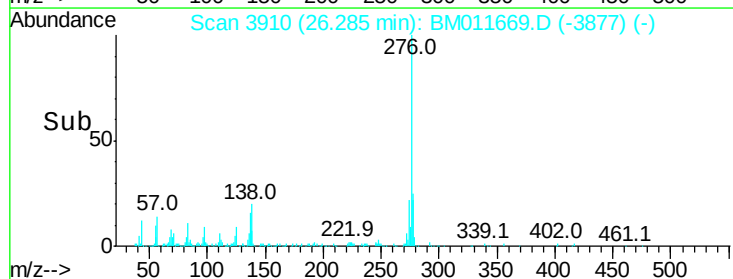
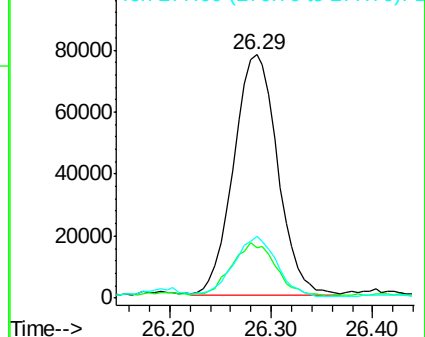
277 25.4 18.9 28.3

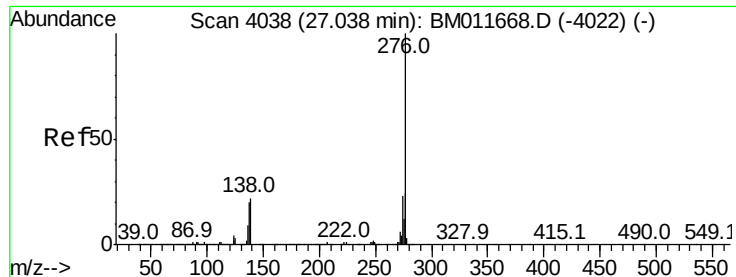


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.338 ng/ul

RT: 27.03 min Scan# 4037

Delta R.T. -0.01 min

Lab File: BM011669.D

Acq: 22 Sep 2017 00:29

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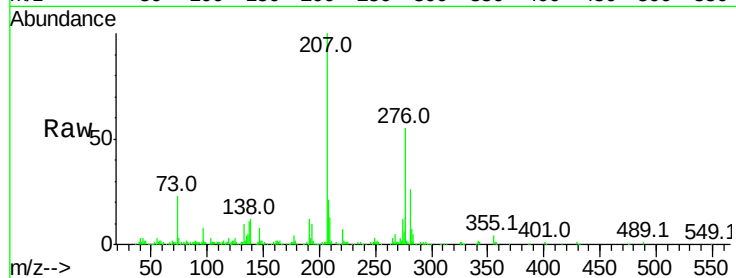
Tot Ion: 276 Resp: 215315

Ion Ratio Lower Upper

276 100

138 22.1 11.2 16.8#

277 23.6 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

