

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011659.D
 Acq On : 21 Sep 2017 18:25
 Operator : SJ/JU
 Sample : I5283-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 03:52:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 03:47:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	305162	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1414283	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	804825	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1782840	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1904197	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1736629	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	1049	0.15	ng/uL	0.00
5) Phenol-d5	7.12	99	13767	0.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	50586	2.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	18651	0.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	13003	0.57	ng/ul	0.01
19) Nitrobenzene-d5	9.13	128	21943	2.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	3108	0.28	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.39	165	3215	0.14	ng/ul	0.01
29) 4-Chloroaniline-d4	10.77	131	1611	0.06	ng/ul	-0.12
44) Dimethylphthalate-d6	14.00	166	45850	0.67	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	181520	2.21	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.58	176	147553	2.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.43	188	226640	2.58	ng/ul	0.00
79) Pyrene-d10	19.72	212	259350	2.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	205924	2.49	ng/ul	0.00

Target Compounds

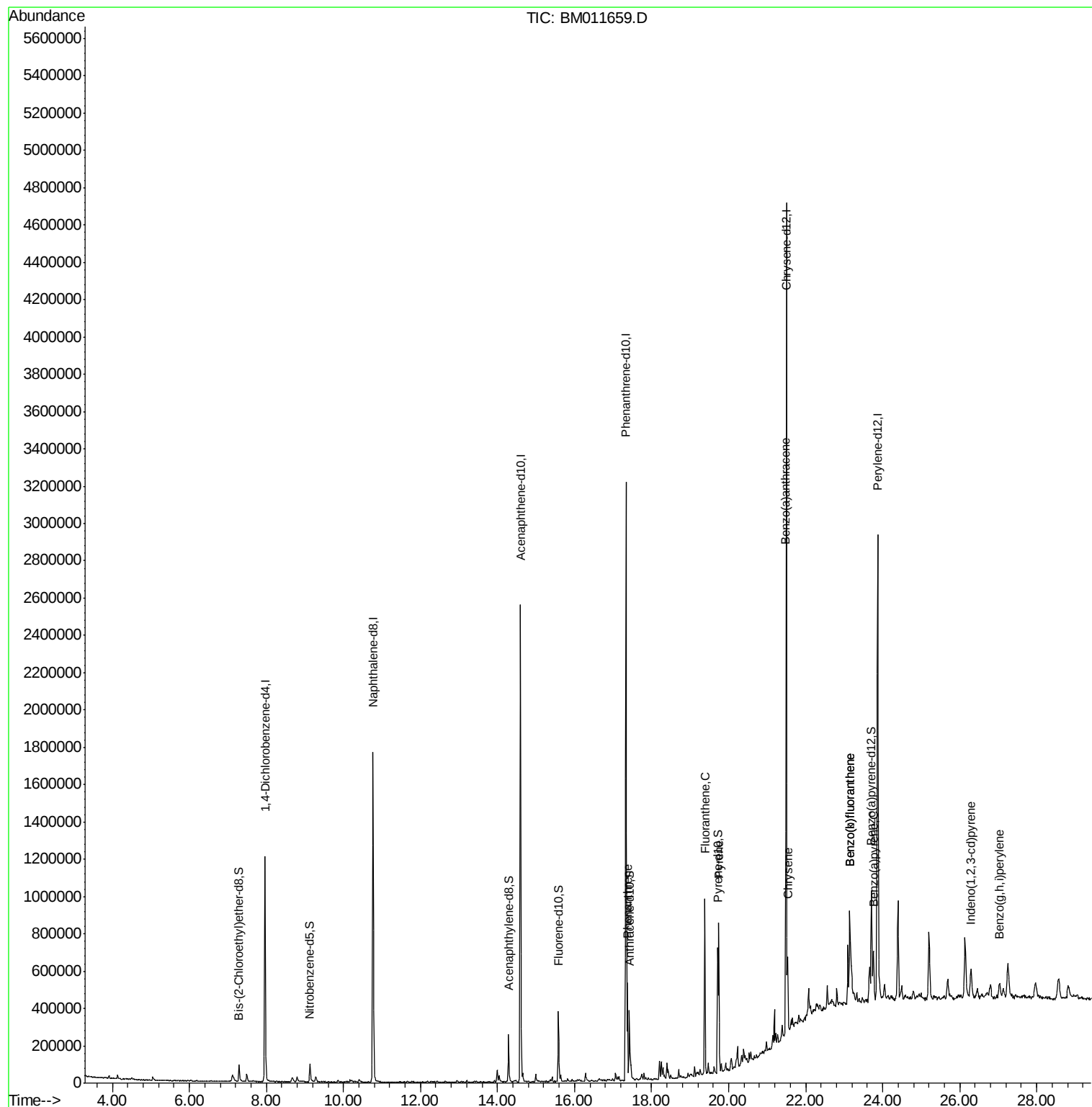
					Ovalue	
70) Phenanthrene	17.37	178	284516	2.863	ng/ul	99
77) Fluoranthene	19.38	202	534084	5.225	ng/ul#	90
80) Pyrene	19.74	202	473567	4.263	ng/ul#	87
83) Benzo(a)anthracene	21.48	228	256093	2.443	ng/ul	99
85) Chrysene	21.53	228	244559	2.573	ng/ul	99
88) Benzo(b)fluoranthene	23.14	252	284457	2.723	ng/ul#	96
89) Benzo(k)fluoranthene	23.14	252	284457	2.835	ng/ul#	95
91) Benzo(a)pyrene	23.76	252	188695	1.914	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.29	276	109683	1.011	ng/ul#	93
94) Benzo(g,h,i)perylene	27.04	276	103456	1.178	ng/ul#	90

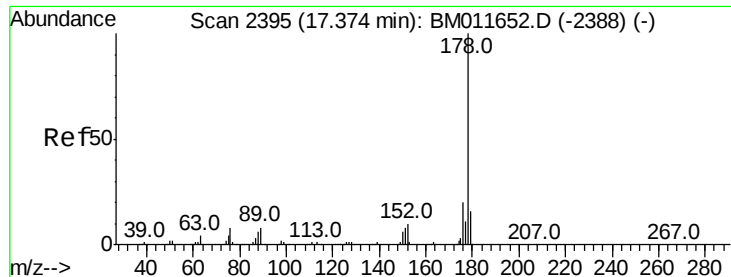
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011659.D
Acq On : 21 Sep 2017 18:25
Operator : SJ/JU
Sample : I5283-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 22 03:52:25 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 03:47:29 2017
Response via : Initial Calibration





#70

Phenanthrene

Concen: 2.863 ng/ul

RT: 17.37 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BM011659.D

Acq: 21 Sep 2017 18:25

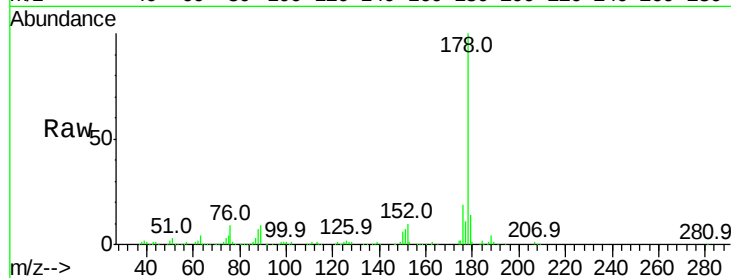
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 284516

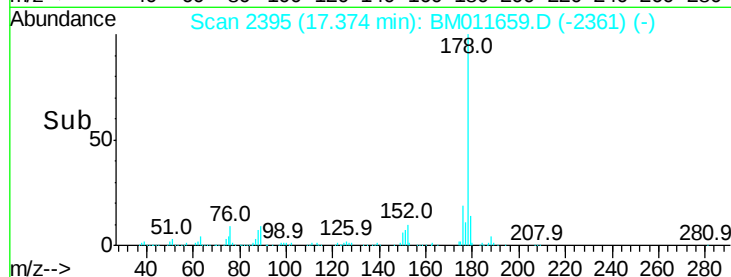
Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.3	18.5
176	19.2	15.4	23.0



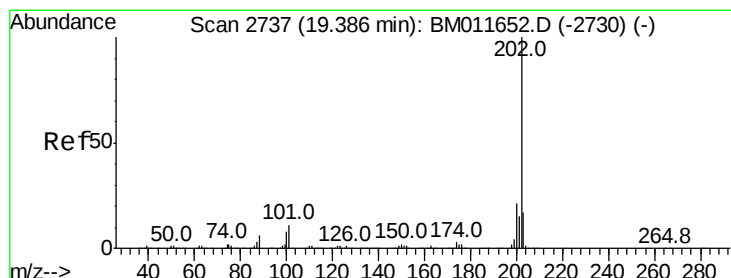
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.30 17.35 17.40 17.45



#77

Fluoranthene

Concen: 5.225 ng/ul

RT: 19.38 min Scan# 2736

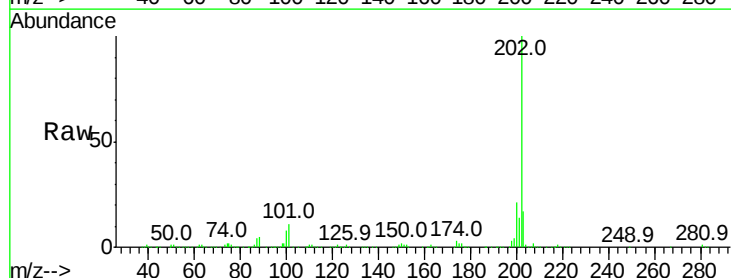
Delta R.T. -0.01 min

Lab File: BM011659.D

Acq: 21 Sep 2017 18:25

Tgt Ion:202 Resp: 534084

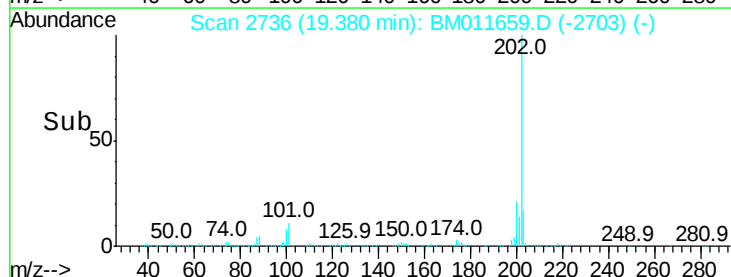
Ion	Ratio	Lower	Upper
202	100		
101	11.5	6.1	9.1#
100	8.4	4.6	7.0#



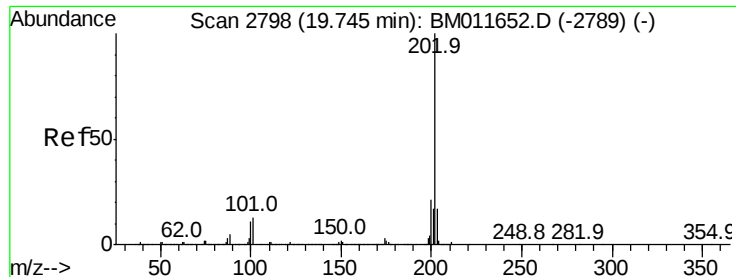
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



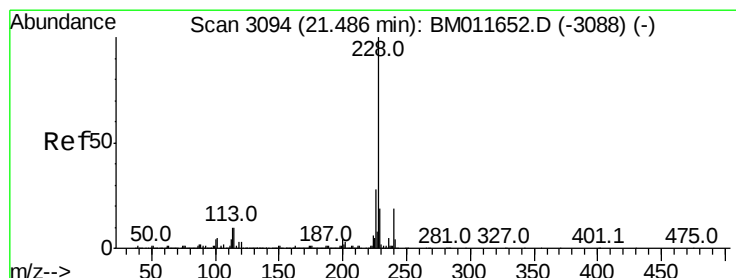
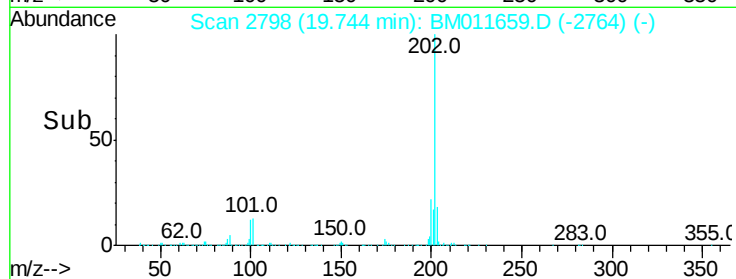
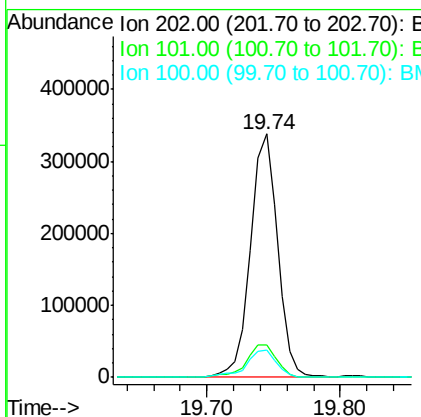
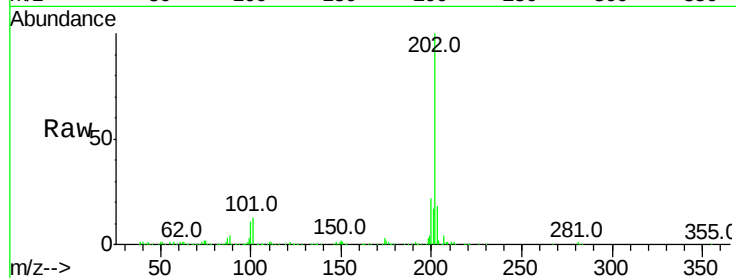
Time--> 19.35 19.40 19.45



#80
Pvrene
Concen: 4.263 ng/ul
RT: 19.74 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM011659.D
Acq: 21 Sep 2017 18:25

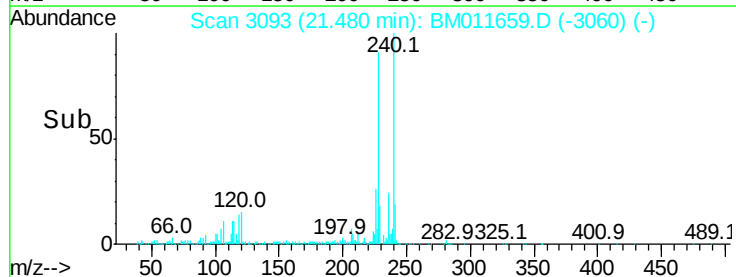
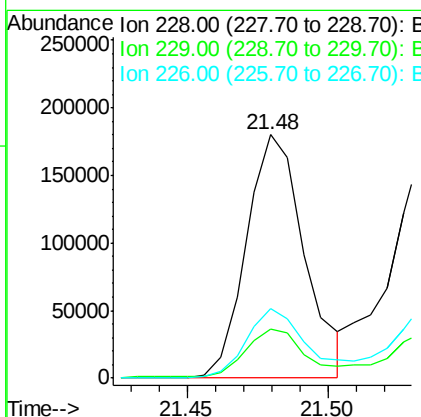
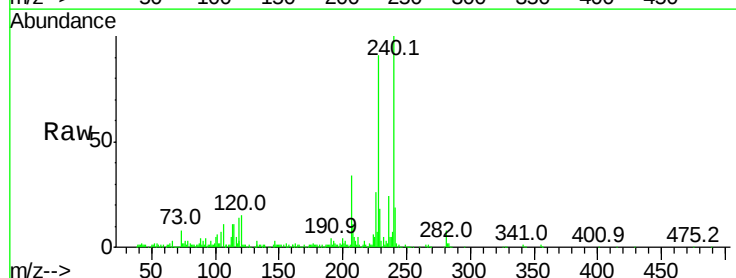
Instrument :
BNA_M
ClientSampleId :

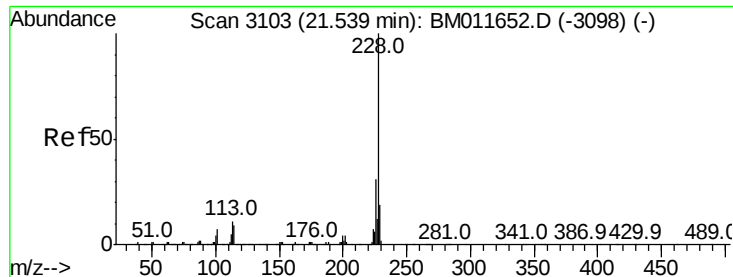
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	6.9	10.3#
100	11.4	5.6	8.4#



#83
Benzo(a)anthracene
Concen: 2.443 ng/ul
RT: 21.48 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM011659.D
Acq: 21 Sep 2017 18:25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.0	24.0
226	28.5	21.8	32.8

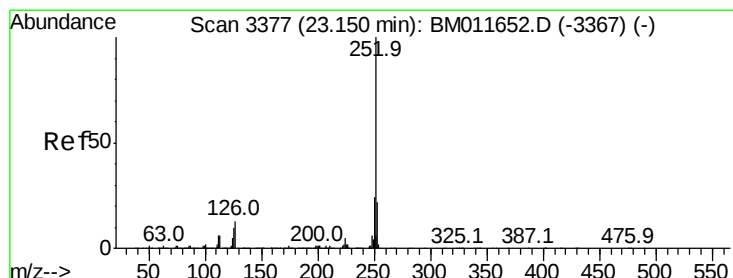
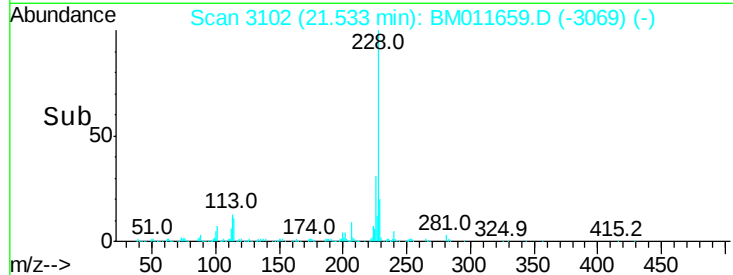
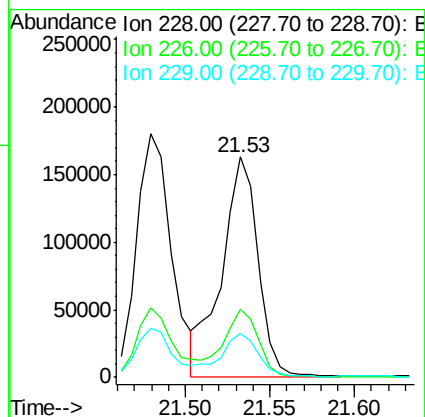
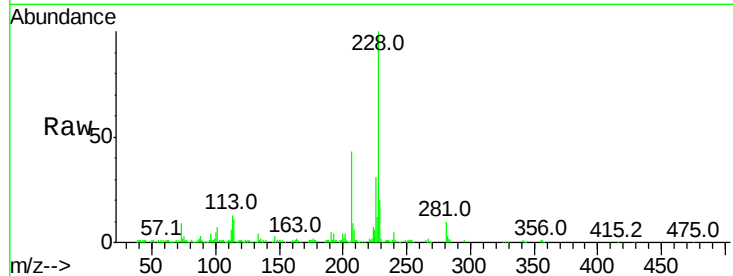




#85
Chrysene
Concen: 2.573 ng/ul
RT: 21.53 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM011659.D
Acq: 21 Sep 2017 18:25

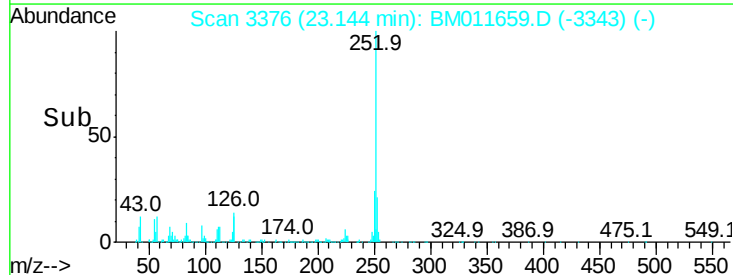
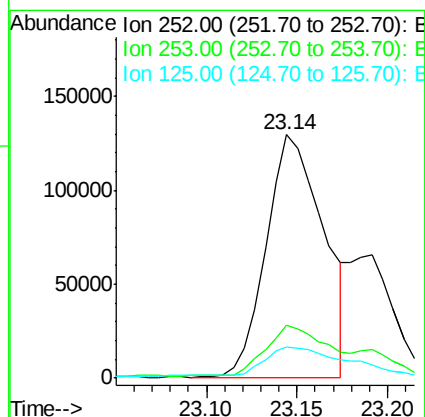
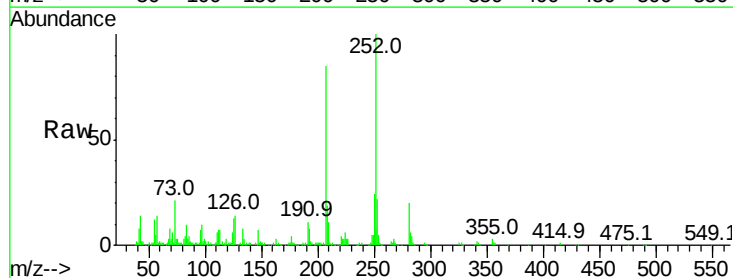
Instrument :
BNA_M
ClientSampled :

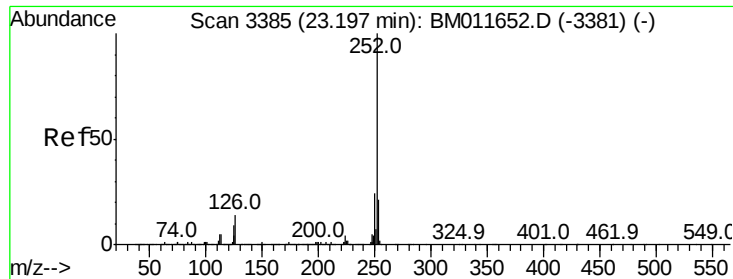
Tot	Ion:228	Resp:	244559
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	20.1	16.0	24.0



#88
Benzo(b)fluoranthene
Concen: 2.723 ng/ul
RT: 23.14 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM011659.D
Acq: 21 Sep 2017 18:25

Tgt	Ion:252	Resp:	284457
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	12.7	4.9	7.3#





#89

Benzo(k)fluoranthene

Concen: 2.835 ng/ul

RT: 23.14 min Scan# 3376

Delta R.T. -0.05 min

Lab File: BM011659.D

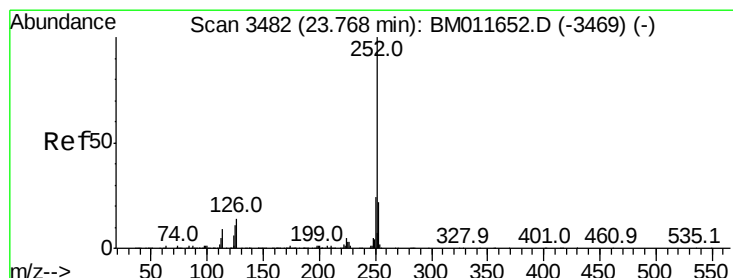
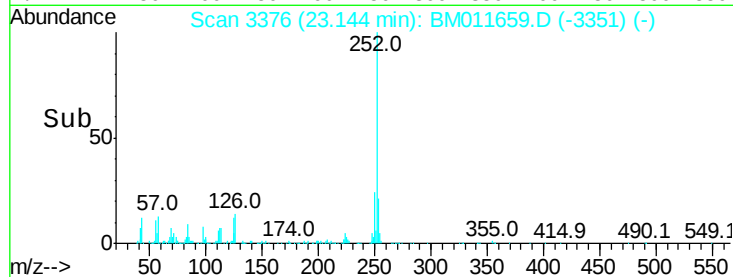
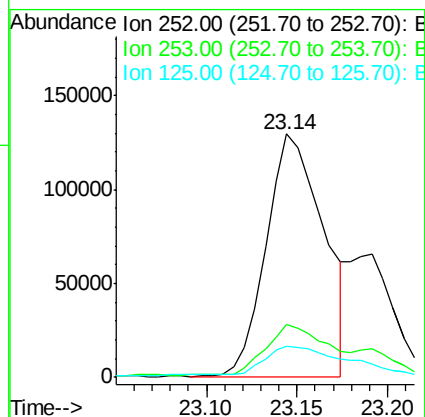
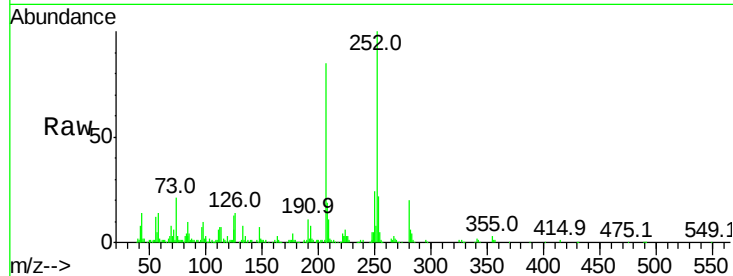
Acq: 21 Sep 2017 18:25

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	284457
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.1	25.7
125	12.7	5.4	8.0#



#91

Benzo(a)pyrene

Concen: 1.914 ng/ul

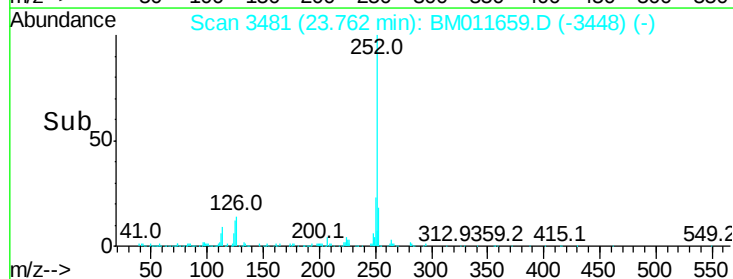
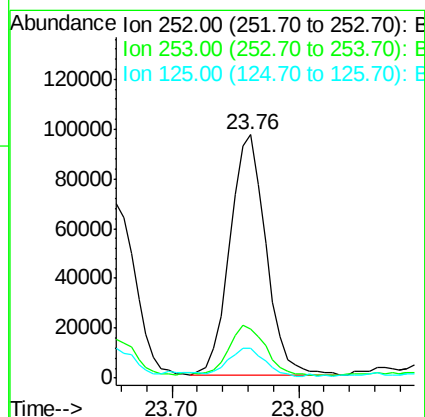
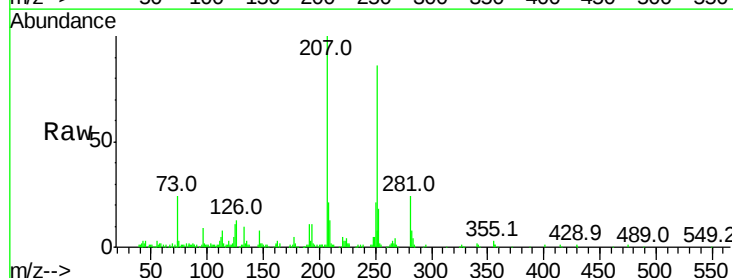
RT: 23.76 min Scan# 3481

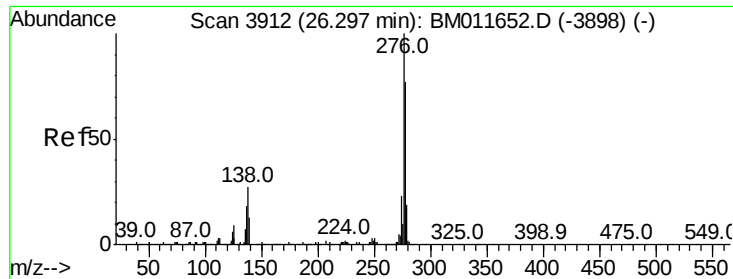
Delta R.T. -0.01 min

Lab File: BM011659.D

Acq: 21 Sep 2017 18:25

Tgt Ion:	252	Resp:	188695
Ion Ratio	Lower	Upper	
252	100		
253	20.3	17.2	25.8
125	12.3	5.8	8.6#

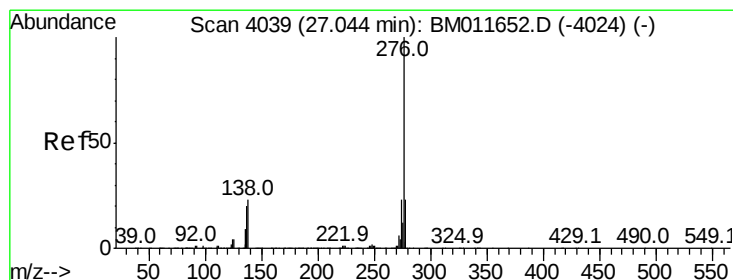
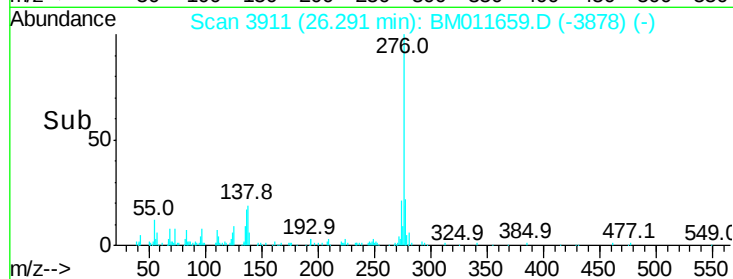
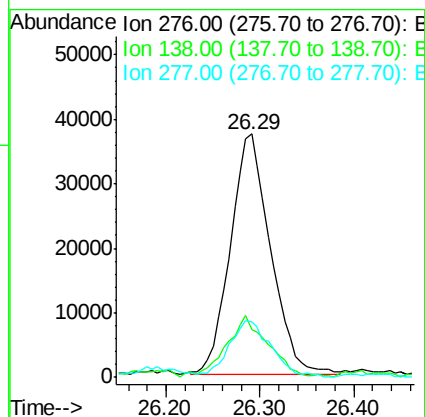
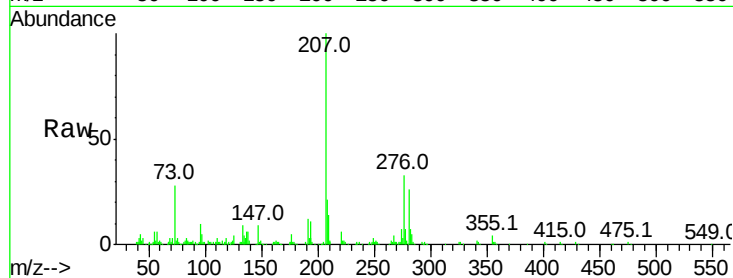




#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.011 ng/ul
 RT: 26.29 min Scan# 3911
 Delta R.T. -0.01 min
 Lab File: BM011659.D
 Acq: 21 Sep 2017 18:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	10.9	16.3#
277	22.6	18.9	28.3



#94
 Benzo(g,h,i)perylene
 Concen: 1.178 ng/ul
 RT: 27.04 min Scan# 4038
 Delta R.T. -0.01 min
 Lab File: BM011659.D
 Acq: 21 Sep 2017 18:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	11.2	16.8#
277	26.6	19.0	28.6

