

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011682.D
 Acq On : 22 Sep 2017 08:21
 Operator : SJ/JU
 Sample : I5284-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3D4

Quant Time: Sep 22 16:01:23 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	581002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	2643229	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	1448187	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	3085904	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2528445	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2025159	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	19796	1.53	ng/uL	0.00
5) Phenol-d5	7.11	99	558833	10.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	420387	11.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	449295	10.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	364995	8.38	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	223107	11.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	235332	11.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	429187	10.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	260955	5.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1372569	11.21	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1699879	11.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	144513	6.28	ng/ul	0.00
58) Fluorene-d10	15.58	176	1221799	11.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	120793	6.73	ng/ul	0.00
71) Anthracene-d10	17.43	188	1920489	12.64	ng/ul	0.00
79) Pyrene-d10	19.72	212	2184768	18.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	1325352	13.73	ng/ul	0.00

Target Compounds

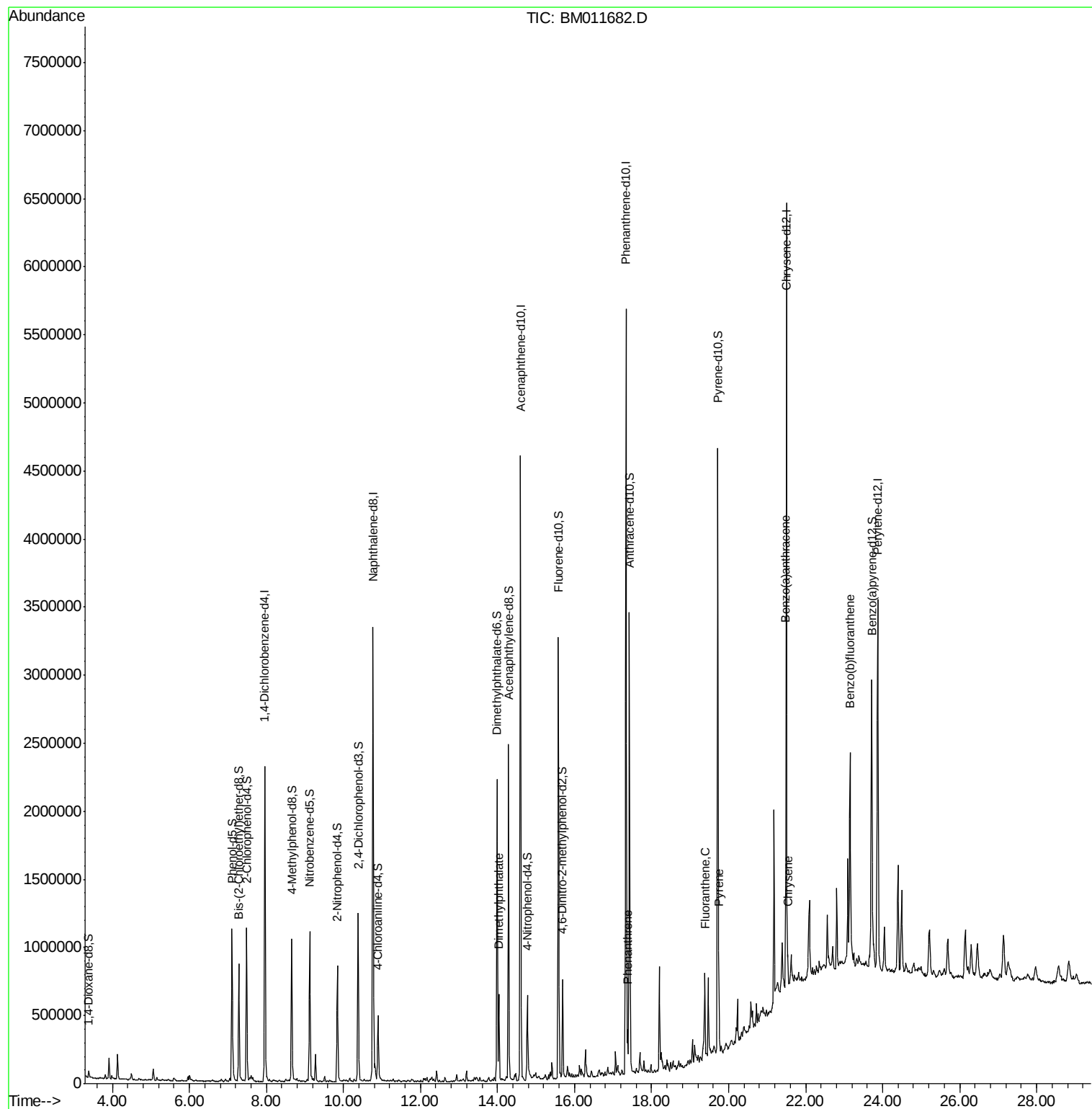
				Ovalue	
45) Dimethylphthalate	14.04	163	357065	3.046	ng/ul# 97
70) Phenanthrene	17.37	178	172917	1.005	ng/ul 98
77) Fluoranthene	19.38	202	325815	1.842	ng/ul# 90
80) Pyrene	19.74	202	285465	1.935	ng/ul# 88
83) Benzo(a)anthracene	21.48	228	155845	1.119	ng/ul 98
85) Chrysene	21.53	228	140466	1.113	ng/ul 98
88) Benzo(b)fluoranthene	23.15	252	167568	1.375	ng/ul# 72

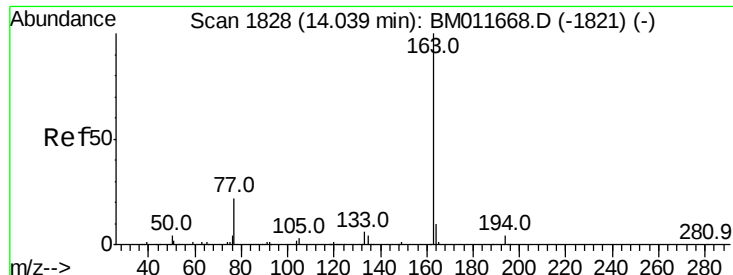
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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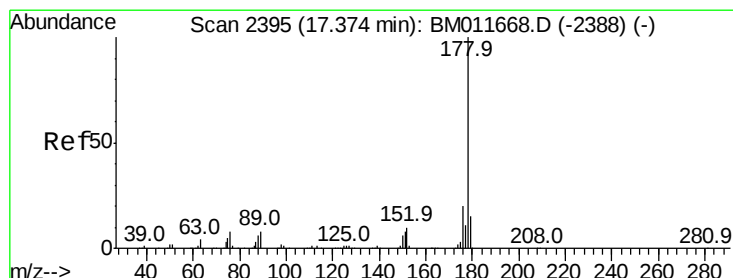
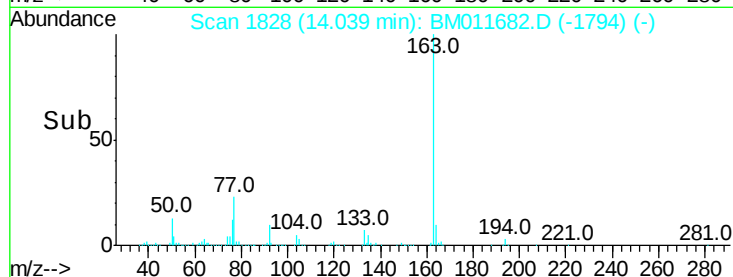
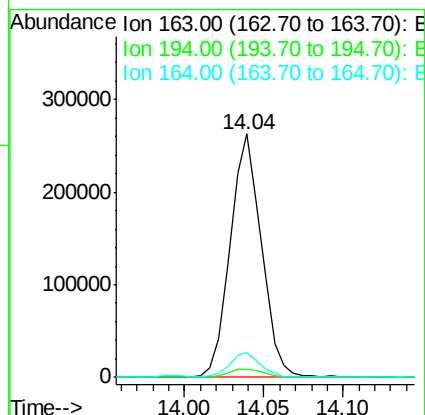
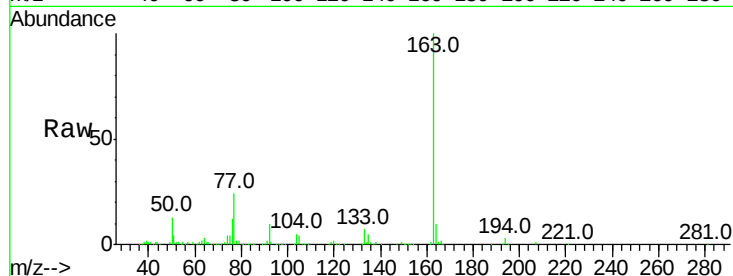




#45
 Dimethylphthalate
 Concen: 3.046 ng/ul
 RT: 14.04 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BM011682.D
 Acq: 22 Sep 2017 08:21

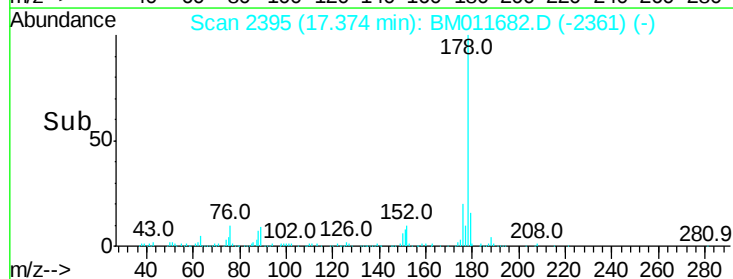
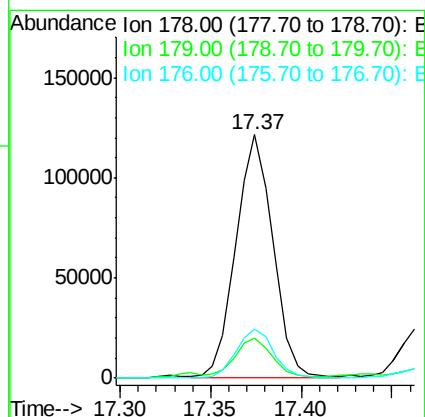
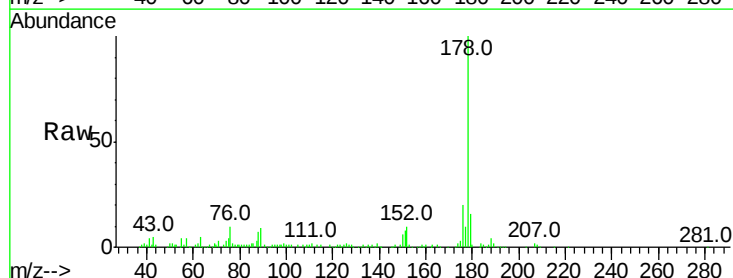
Instrument :
 BNA_M
 ClientSampleId :
 CB3D4

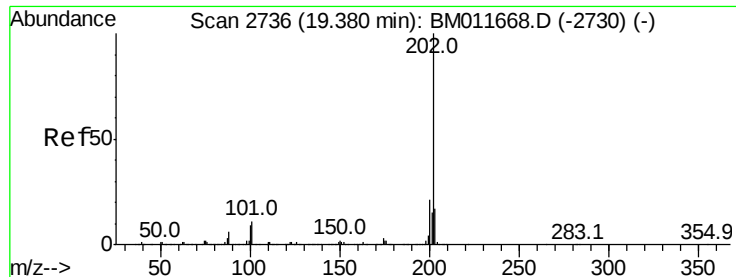
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.0	6.0#
164	9.9	8.4	12.6



#70
 Phenanthrene
 Concen: 1.005 ng/ul
 RT: 17.37 min Scan# 2395
 Delta R.T. 0.00 min
 Lab File: BM011682.D
 Acq: 22 Sep 2017 08:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	20.0	15.4	23.0





#77

Fluoranthene

Concen: 1.842 ng/ul

RT: 19.38 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM011682.D

Acq: 22 Sep 2017 08:21

Instrument :

BNA_M

ClientSampleId :

CB3D4

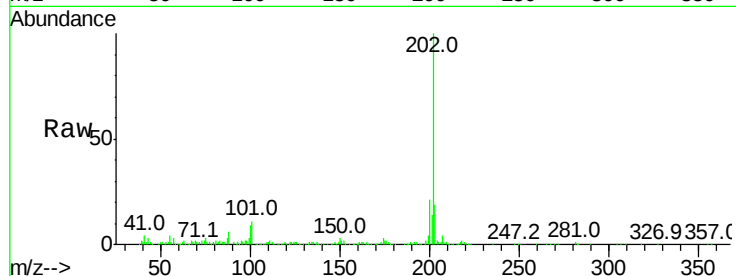
Tot Ion:202 Resp: 325815

Ion Ratio Lower Upper

202 100

101 11.2 6.1 9.1#

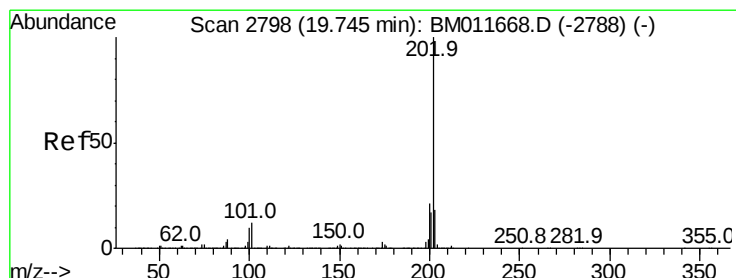
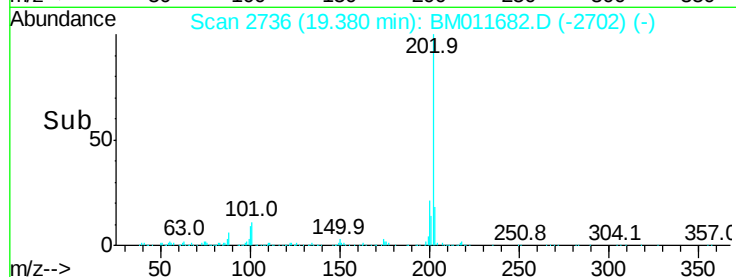
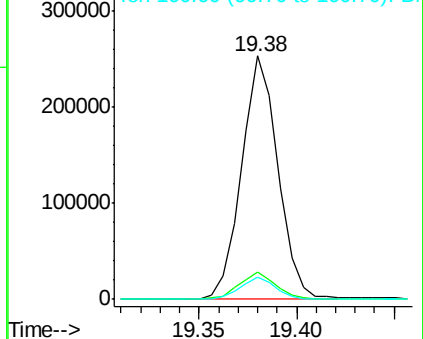
100 9.0 4.6 7.0#



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

Pyrene

Concen: 1.935 ng/ul

RT: 19.74 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM011682.D

Acq: 22 Sep 2017 08:21

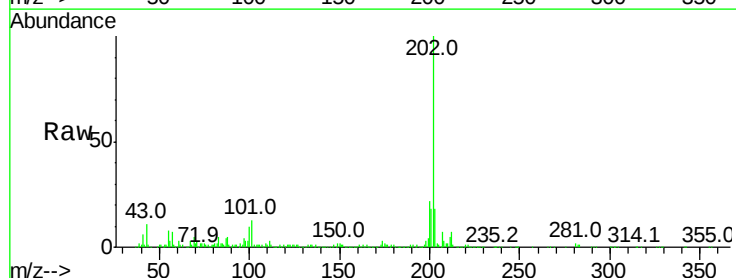
Tgt Ion:202 Resp: 285465

Ion Ratio Lower Upper

202 100

101 13.3 6.9 10.3#

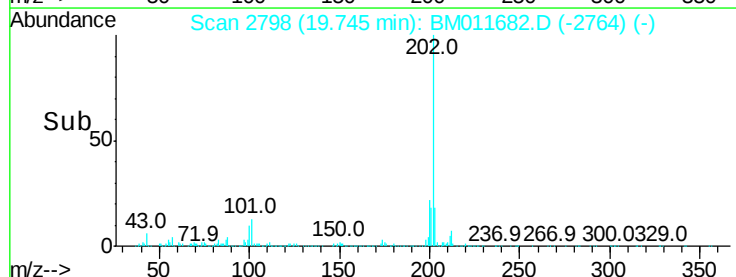
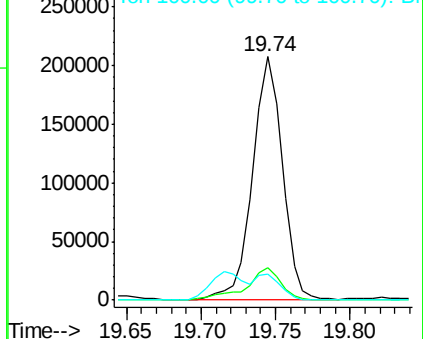
100 10.5 5.6 8.4#

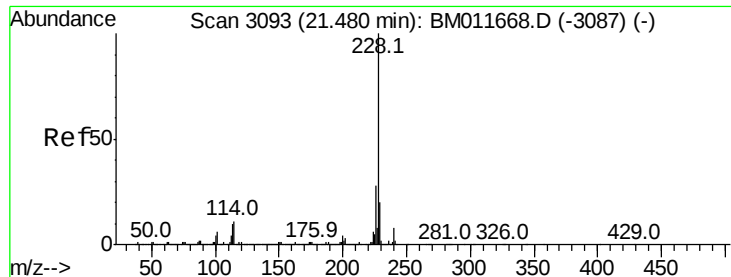


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

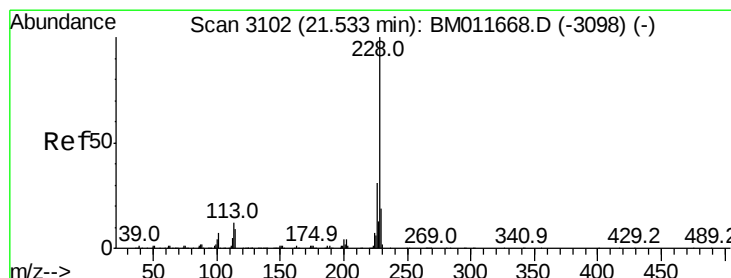
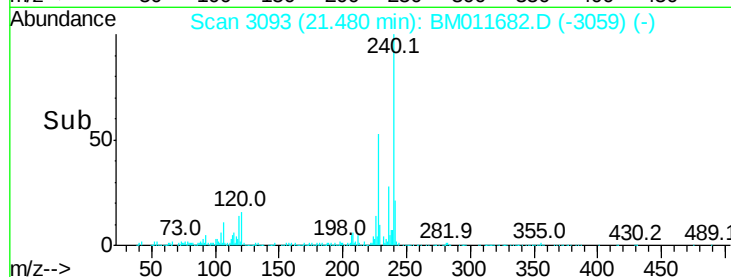
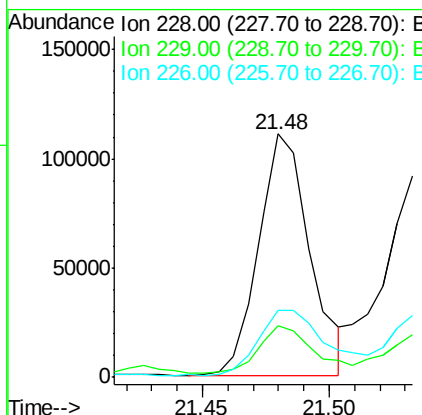
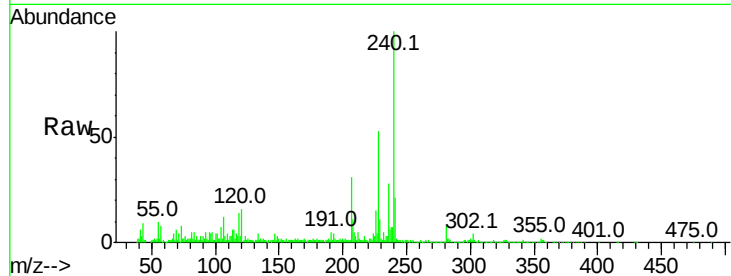




#83
Benzo(a)anthracene
Concen: 1.119 ng/ul
RT: 21.48 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BM011682.D
Acq: 22 Sep 2017 08:21

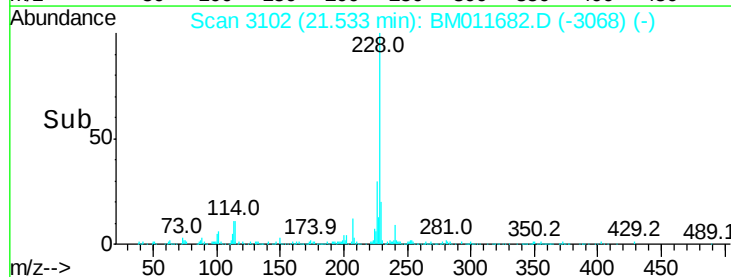
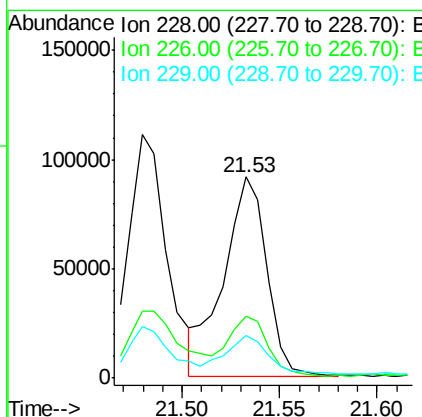
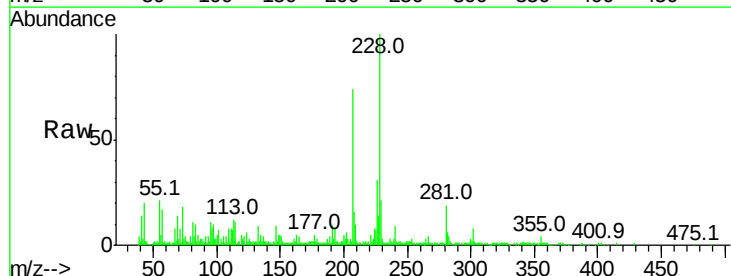
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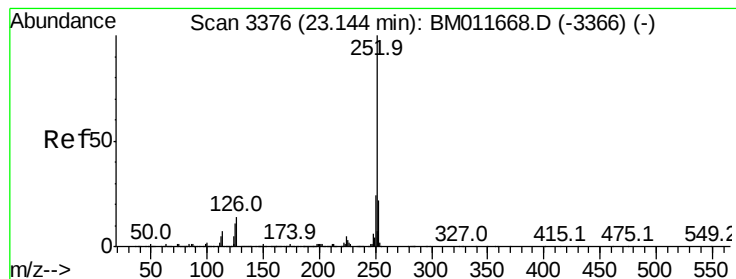
Tot Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.0	24.0
226	27.6	21.8	32.8



#85
Chrysene
Concen: 1.113 ng/ul
RT: 21.53 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM011682.D
Acq: 22 Sep 2017 08:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	21.2	16.0	24.0





#88

Benzo(b)fluoranthene

Concen: 1.375 ng/ul

RT: 23.15 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BM011682.D

Acq: 22 Sep 2017 08:21

Instrument :

BNA_M

ClientSampleId :

CB3D4

Tot Ion:252 Resp: 167568

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 47.1 4.9 7.3#

