

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
 Data File : BM021176.D
 Acq On : 26 Jun 2019 00:05
 Operator : HP/JU
 Sample : K3498-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AA6

Quant Time: Jun 26 01:39:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 26 01:32:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	225215	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1014217	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	698570	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1702932	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1424813	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1352756	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	17439	3.68	ng/uL	0.00
5) Phenol-d5	6.93	99	387211	19.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	242131	20.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	335648	21.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	303500	18.55	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	186661	22.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	216522	23.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	432972	23.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	398316	20.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1584904	25.11	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1775376	22.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	144815	14.10	ng/ul	0.00
57) Fluorene-d10	15.40	176	1376419	25.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	182628	17.45	ng/ul	0.00
70) Anthracene-d10	17.26	188	2245707	25.38	ng/ul	0.00
78) Pyrene-d10	19.55	212	2396483	28.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1965121	24.62	ng/ul	-0.01

Target Compounds

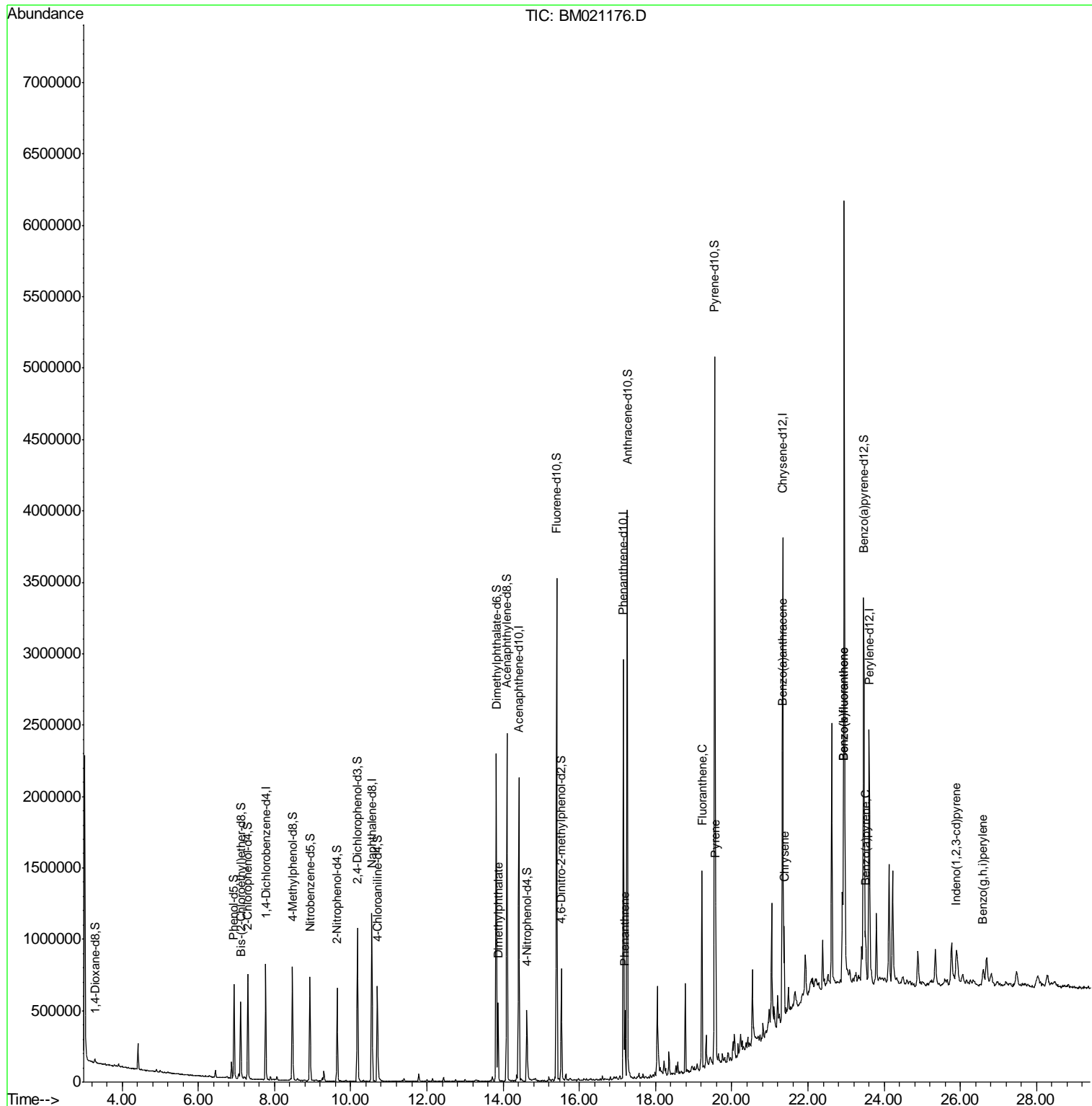
					Qvalue
44) Dimethylphthalate	13.87	163	353309	6.149	ng/ul 99
69) Phenanthrene	17.20	178	259728	2.758	ng/ul 99
76) Fluoranthene	19.22	202	817070	8.029	ng/ul 99
79) Pyrene	19.58	202	665010	6.602	ng/ul 99
82) Benzo(a)anthracene	21.32	228	311078	3.202	ng/ul 99
84) Chrysene	21.37	228	377431	4.149	ng/ul 99
87) Benzo(b)fluoranthene	22.93	252	474136	5.533	ng/ul# 97
88) Benzo(k)fluoranthene	22.93	252	474136	5.751	ng/ul# 97
90) Benzo(a)pyrene	23.51	252	261499	3.242	ng/ul 97
91) Indeno(1,2,3-cd)pyrene	25.90	276	189246	1.993	ng/ul# 96
93) Benzo(g,h,i)perylene	26.60	276	147316	1.883	ng/ul 96

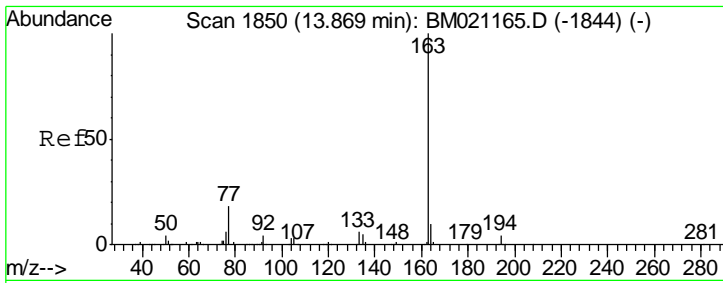
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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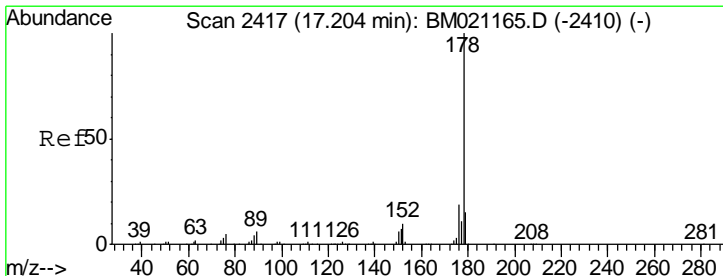
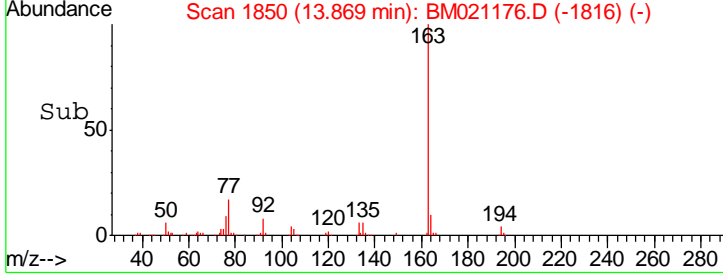
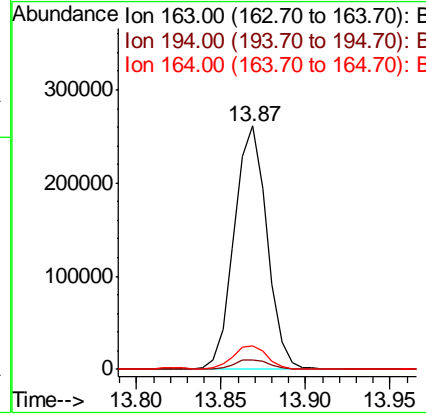
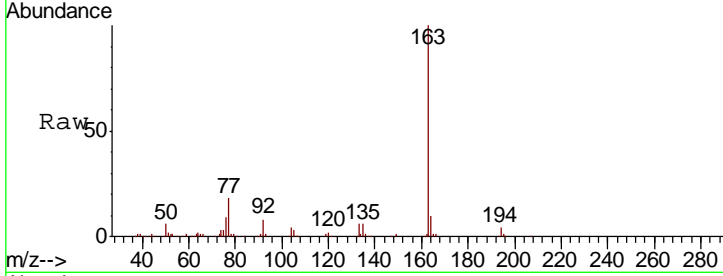




#44
 Dimethylphthalate
 Concen: 6.149 ng/ul
 RT: 13.87 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BM021176.D
 Acq: 26 Jun 2019 00:05

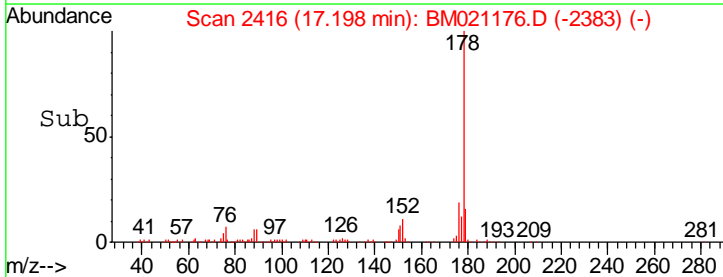
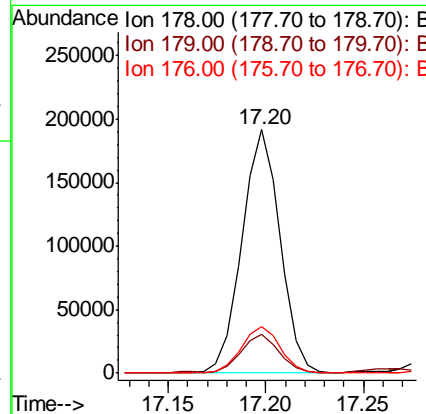
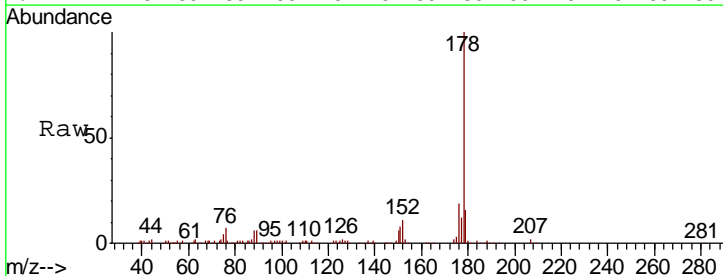
Instrument :
 BNA_M
 ClientSampled :
 C5AA6

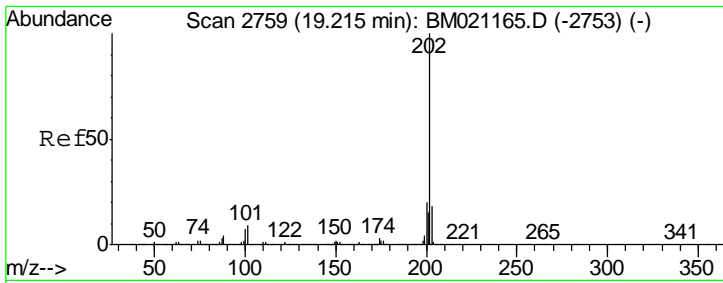
Tgt Ion	Resp	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	9.8	7.7	11.5



#69
 Phenanthrene
 Concen: 2.758 ng/ul
 RT: 17.20 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BM021176.D
 Acq: 26 Jun 2019 00:05

Tgt Ion	Resp	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	18.9	15.0	22.6

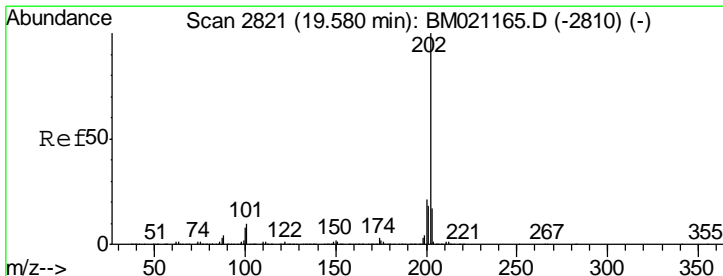
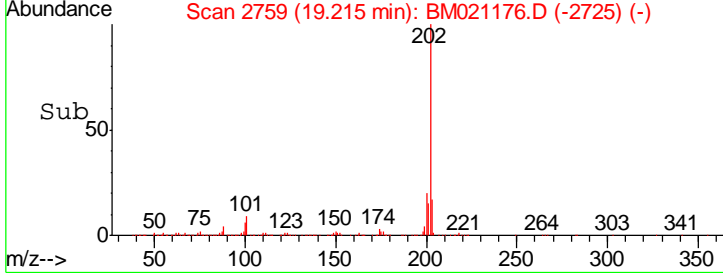
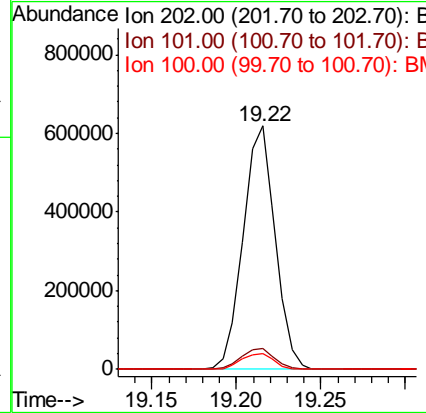
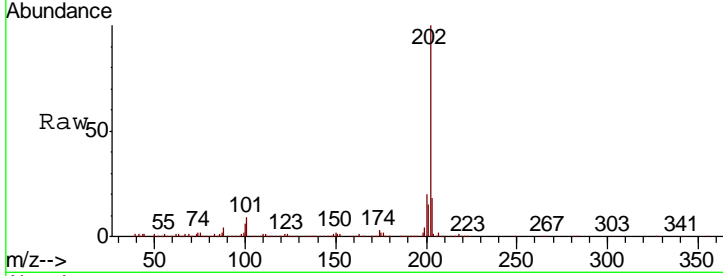




#76
 Fluoranthene
 Concen: 8.029 ng/ul
 RT: 19.22 min Scan# 2759
 Delta R.T. -0.00 min
 Lab File: BM021176.D
 Acq: 26 Jun 2019 00:05

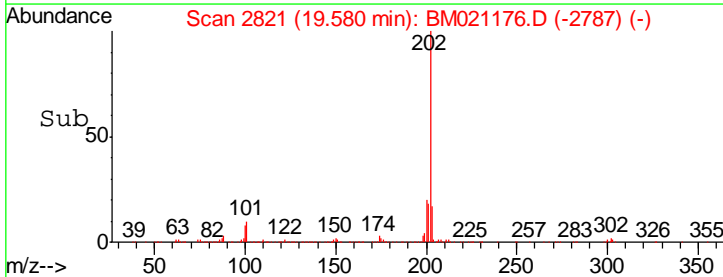
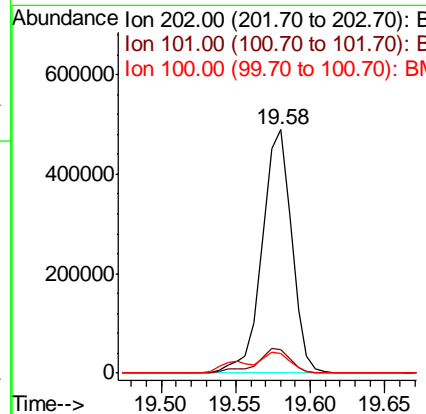
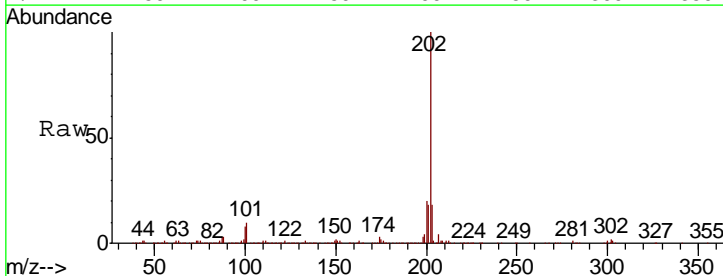
Instrument :
 BNA_M
 ClientSampled :
 C5AA6

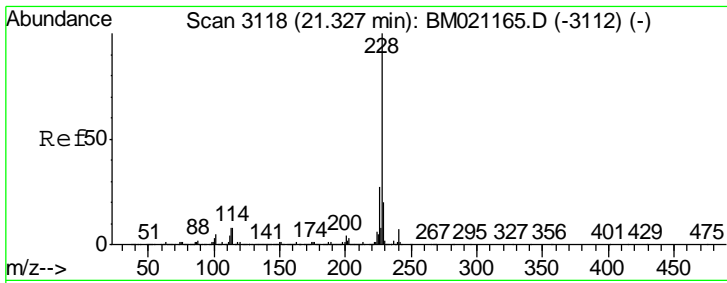
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.7	10.1
100	6.3	5.5	8.3



#79
 Pyrene
 Concen: 6.602 ng/ul
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.00 min
 Lab File: BM021176.D
 Acq: 26 Jun 2019 00:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.1	12.1
100	8.2	6.6	10.0

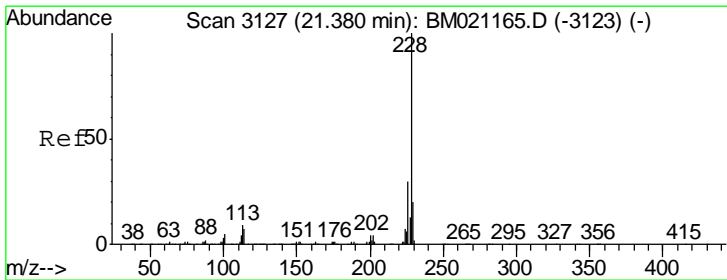
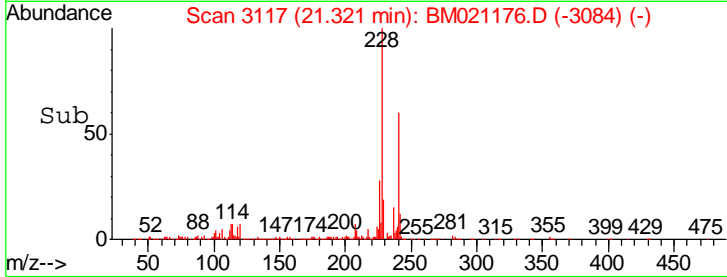
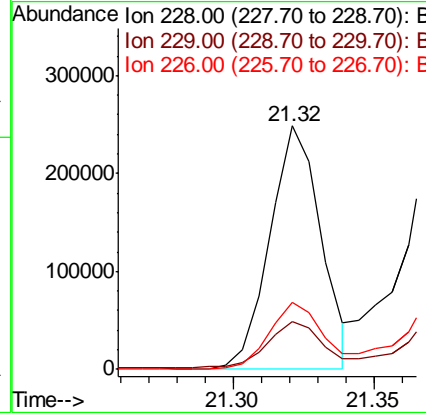
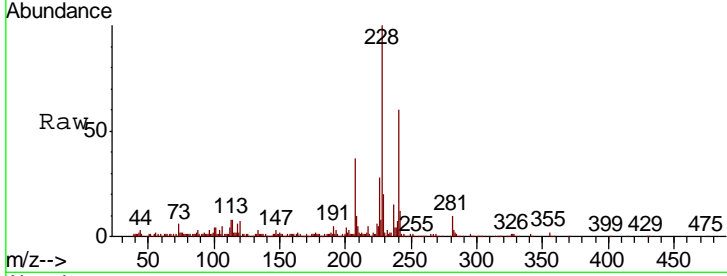




#82
 Benzo(a)anthracene
 Concen: 3.202 ng/ul
 RT: 21.32 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM021176.D
 Acq: 26 Jun 2019 00:05

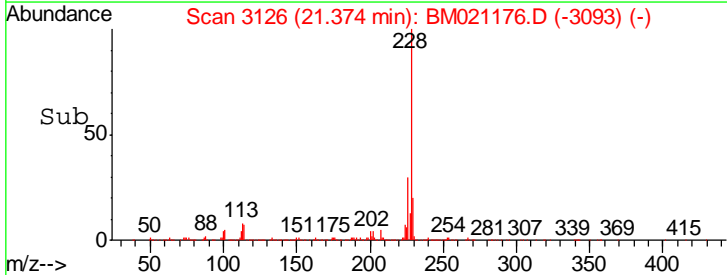
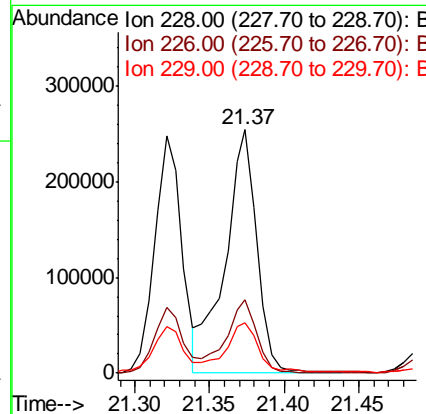
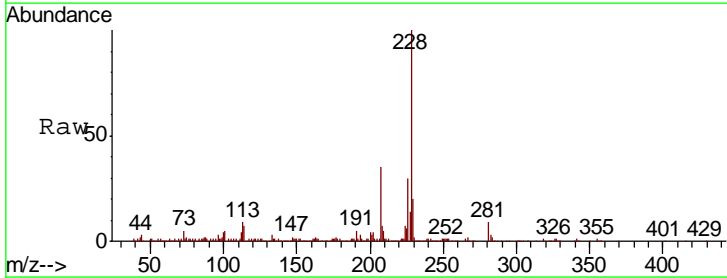
Instrument :
 BNA_M
 ClientSampled :
 C5AA6

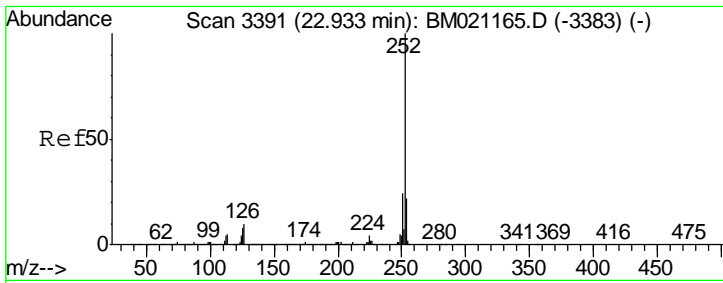
Tgt Ion	Resp	Lower	Upper
228	100		
229	19.7	15.8	23.8
226	27.7	21.4	32.2



#84
 Chrysene
 Concen: 4.149 ng/ul
 RT: 21.37 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BM021176.D
 Acq: 26 Jun 2019 00:05

Tgt Ion	Resp	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	20.4	15.4	23.2

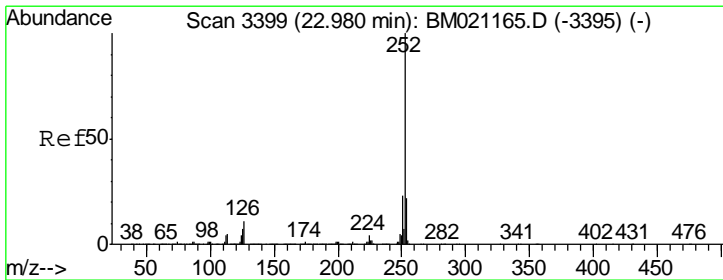
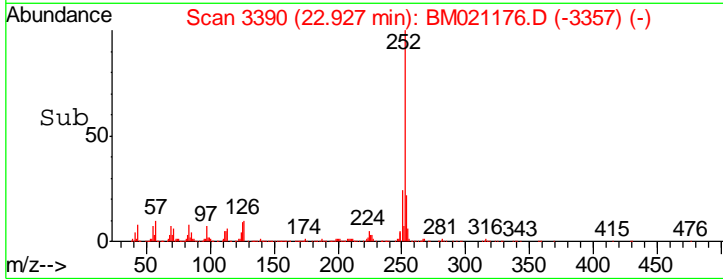
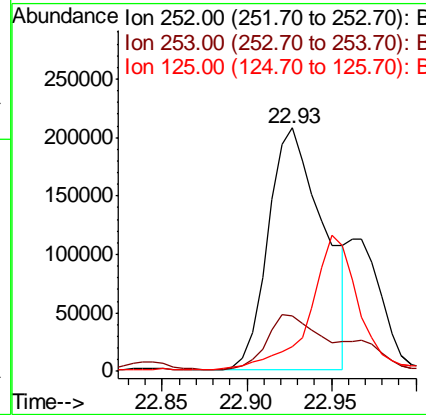
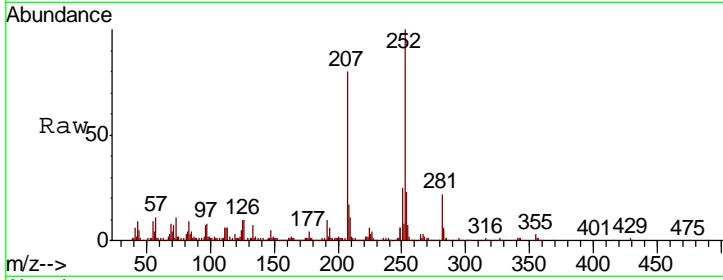




#87
 Benzo(b)fluoranthene
 Concen: 5.533 ng/ul
 RT: 22.93 min Scan# 3390
 Delta R.T. -0.01 min
 Lab File: BM021176.D
 Acq: 26 Jun 2019 00:05

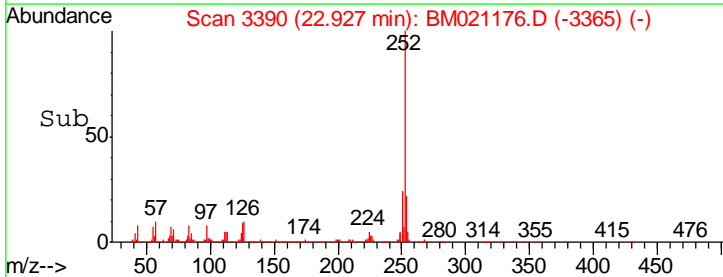
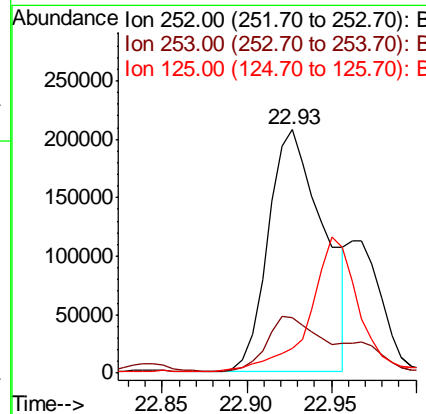
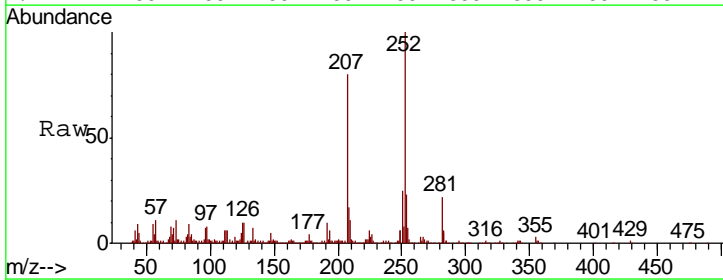
Instrument :
 BNA_M
 ClientSampleId :
 C5AA6

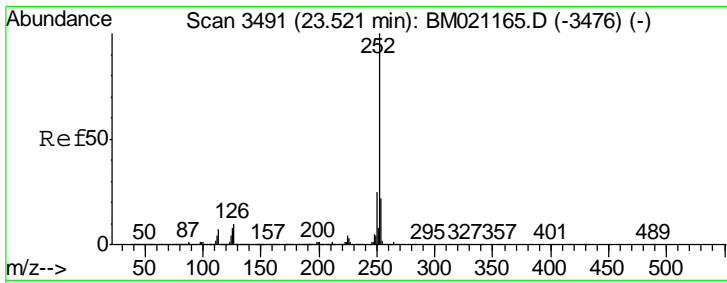
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.1	6.3	9.5#



#88
 Benzo(k)fluoranthene
 Concen: 5.751 ng/ul
 RT: 22.93 min Scan# 3390
 Delta R.T. -0.05 min
 Lab File: BM021176.D
 Acq: 26 Jun 2019 00:05

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.1	6.6	9.8#

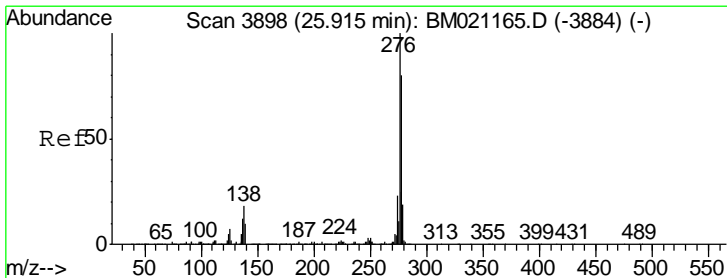
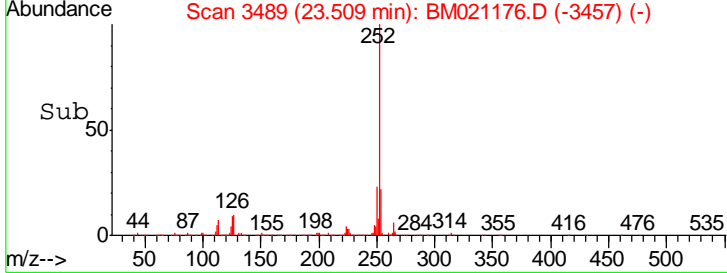
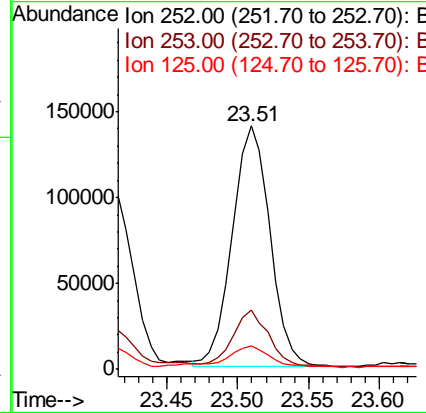
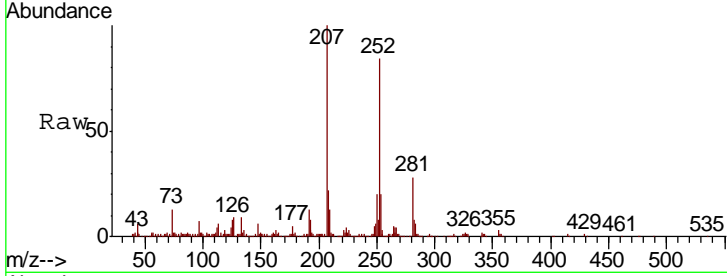




#90
 Benzo(a)pyrene
 Concen: 3.242 ng/ul
 RT: 23.51 min Scan# 3489
 Delta R.T. -0.01 min
 Lab File: BM021176.D
 Acq: 26 Jun 2019 00:05

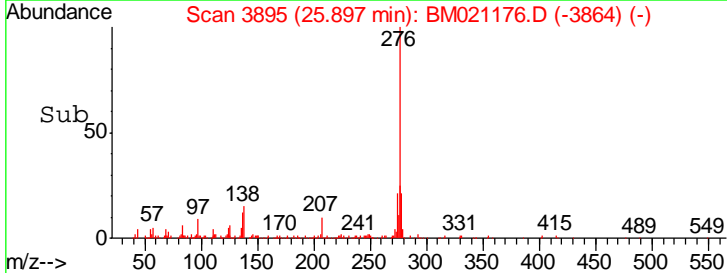
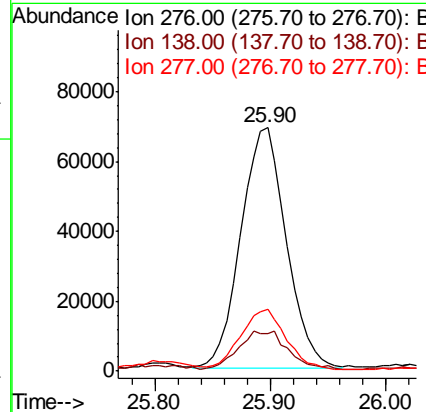
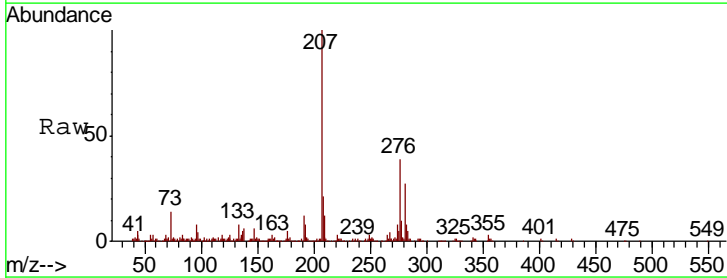
Instrument :
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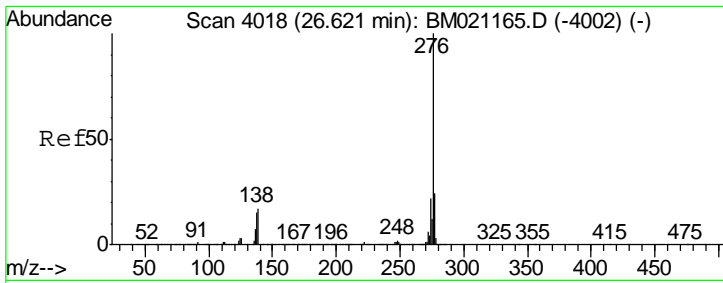
Tgt Ion	Resp	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	9.8	7.2	10.8



#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.993 ng/ul
 RT: 25.90 min Scan# 3895
 Delta R.T. -0.02 min
 Lab File: BM021176.D
 Acq: 26 Jun 2019 00:05

Tgt Ion	Resp	Lower	Upper
276	100		
138	15.4	15.9	23.9#
277	25.5	20.4	30.6





#93
 Benzo(g,h,i)perylene
 Concen: 1.883 ng/ul
 RT: 26.60 min Scan# 4014
 Delta R.T. -0.02 min
 Lab File: BM021176.D
 Acq: 26 Jun 2019 00:05

Instrument :
 BNA_M
 ClientSampleId :
 C5AA6

Tgt Ion	Resp	Lower	Upper
276	147316		
138	16.2	14.6	21.8
277	25.7	18.9	28.3

