

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080416\
 Data File : BM006882.D
 Acq On : 05 Aug 2016 02:25
 Operator : UM/SJ
 Sample : H4224-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJL1

Quant Time: Aug 05 05:11:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 02:18:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	259107	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	1096977	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	673763	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1588972	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1730356	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	1718125	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	11917	2.53	ng/uL	0.00
5) Phenol-d5	6.79	99	488167	25.60	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	338477	26.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	406229	26.96	ng/ul	-0.01
13) 4-Methylphenol-d8	8.31	113	404052	26.05	ng/ul	-0.01
19) Nitrobenzene-d5	8.73	128	191883	25.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	227999	25.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	402304	21.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	484014	25.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1571871	28.32	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1875699	27.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	150263	12.35	ng/ul	0.00
57) Fluorene-d10	15.22	176	1402195	27.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	177251	17.09	ng/ul	0.00
70) Anthracene-d10	16.97	188	1588972	20.82	ng/ul	-0.11
76) Pyrene-d10	19.38	212	2574649	29.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	2383313	28.48	ng/ul	0.00

Target Compounds

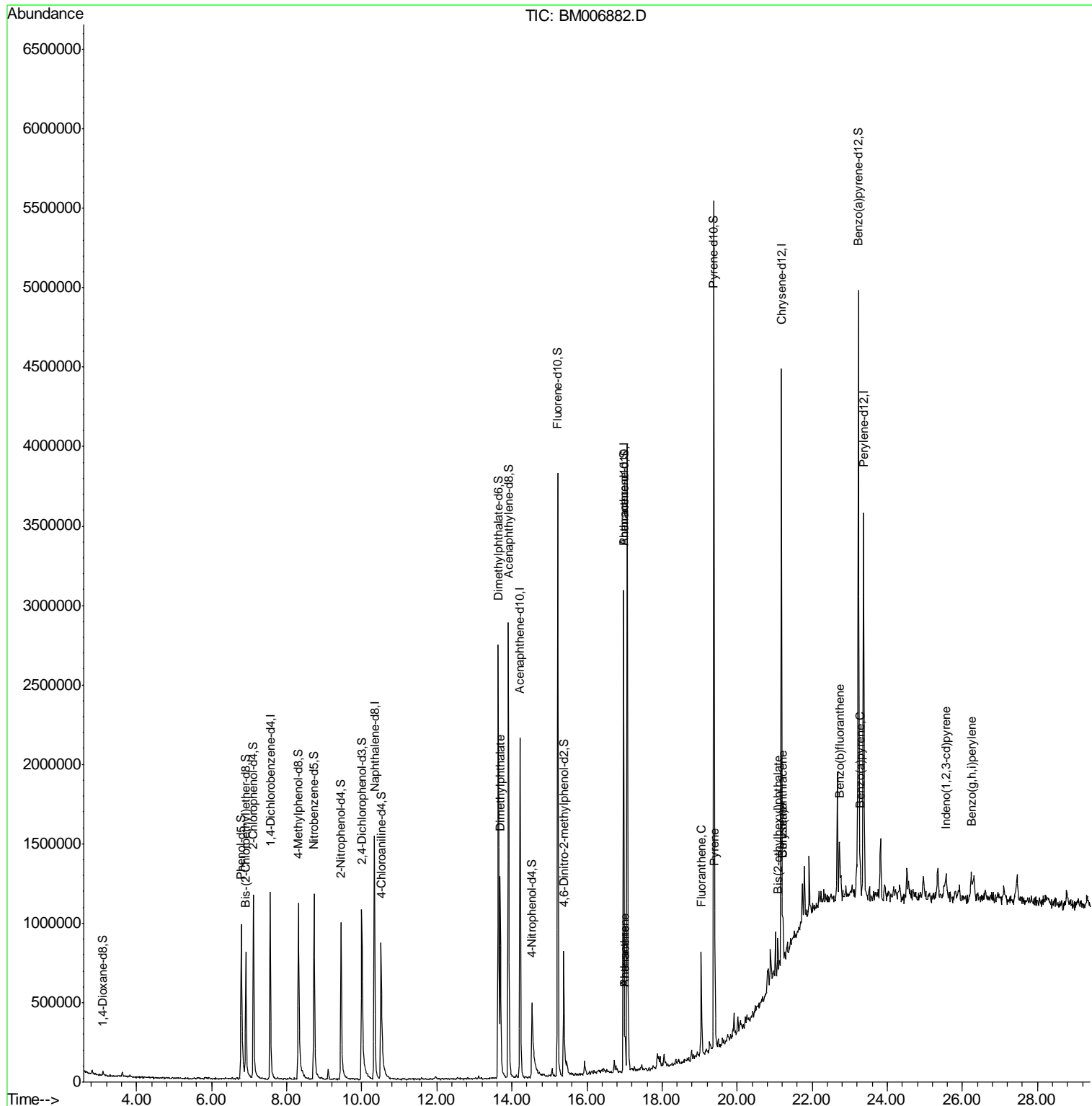
						Qvalue
44) Dimethylphthalate	13.69	163	694400	12.59	ng/ul	99
69) Phenanthrene	17.02	178	112821	1.29	ng/ul	97
71) Anthracene	17.02	178	112821	1.25	ng/ul	97
74) Fluoranthene	19.05	202	395294	3.52	ng/ul#	97
77) Pyrene	19.41	202	361163	3.17	ng/ul#	95
80) Benzo(a)anthracene	21.22	228	212183	2.01	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.09	149	62962	1.17	ng/ul	99
82) Chrysene	21.22	228	212183	2.29	ng/ul	98
85) Benzo(b)fluoranthene	22.73	252	263216	2.43	ng/ul#	91
88) Benzo(a)pyrene	23.27	252	194921	1.90	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.57	276	142733	1.17	ng/ul#	89
91) Benzo(g,h,i)perylene	26.24	276	130945	1.32	ng/ul#	96

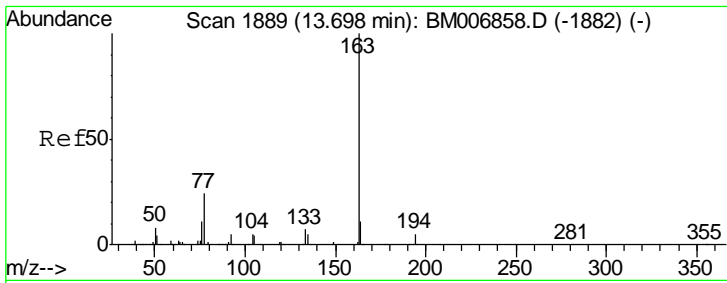
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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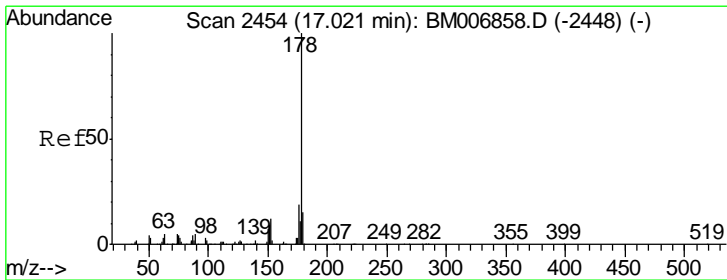
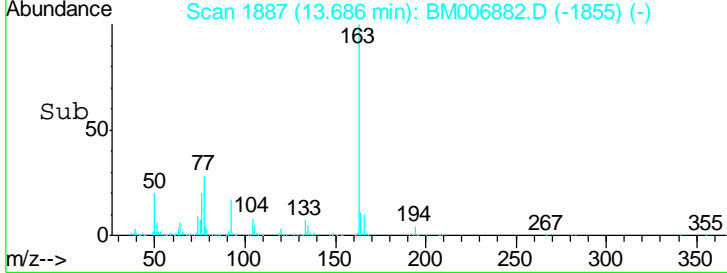
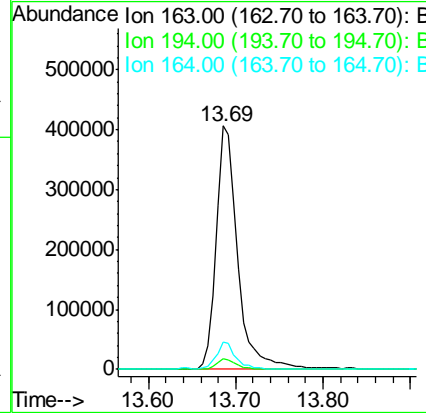
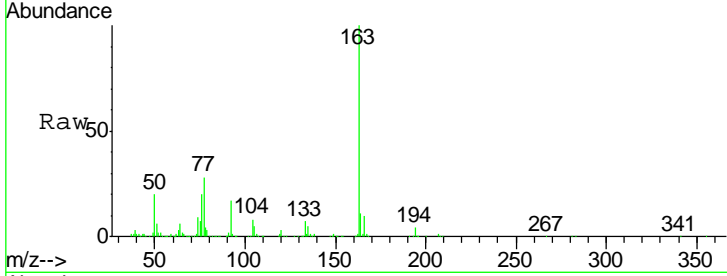




#44
 Dimethylphthalate
 Concen: 12.59 ng/ul
 RT: 13.69 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BM006882.D
 Acq: 05 Aug 2016 02:25

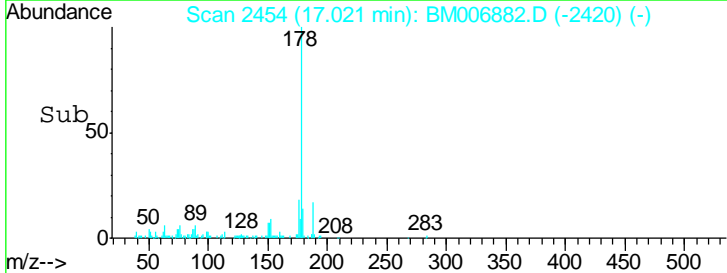
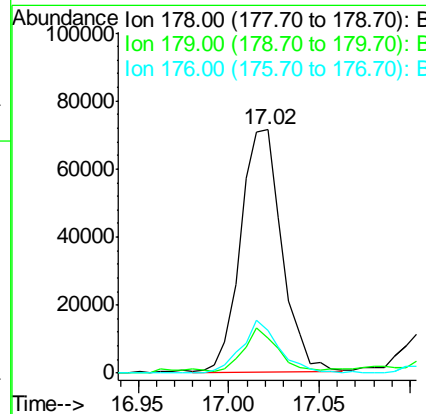
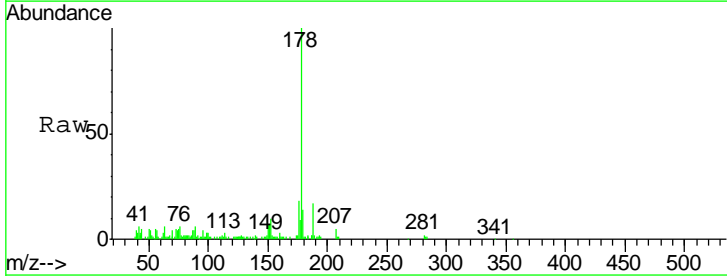
Instrument :
 BNA_M
 ClientSampled :
 BDJL1

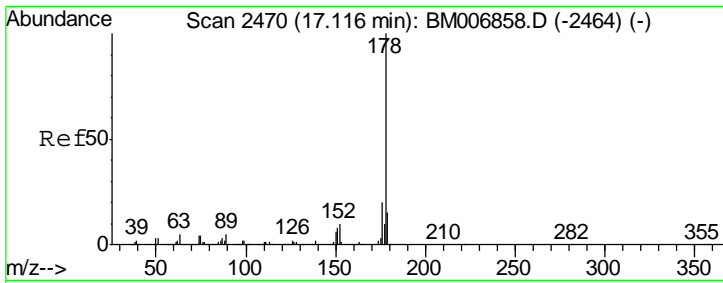
Tgt Ion	Resp	Lower	Upper
163	694400		
194	4.3	3.1	4.7
164	11.1	8.6	12.8



#69
 Phenanthrene
 Concen: 1.29 ng/ul
 RT: 17.02 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: BM006882.D
 Acq: 05 Aug 2016 02:25

Tgt Ion	Resp	Lower	Upper
178	112821		
179	14.1	12.2	18.2
176	17.8	15.2	22.8

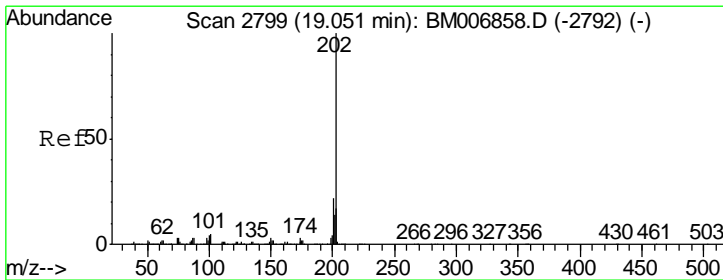
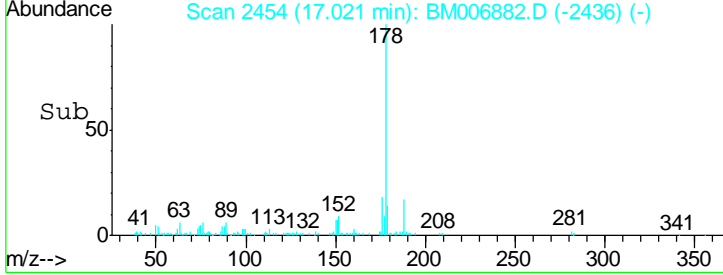
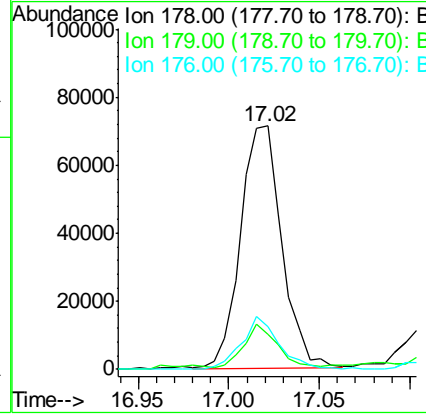
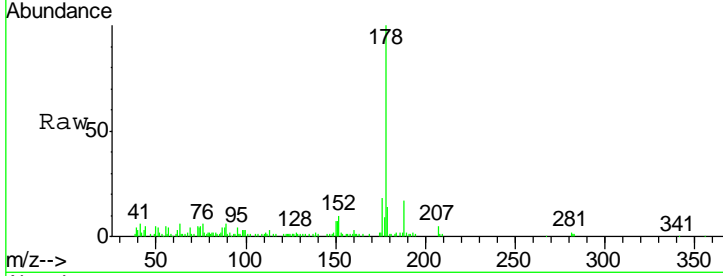




#71
 Anthracene
 Concen: 1.25 ng/ul
 RT: 17.02 min Scan# 2454
 Delta R.T. -0.09 min
 Lab File: BM006882.D
 Acq: 05 Aug 2016 02:25

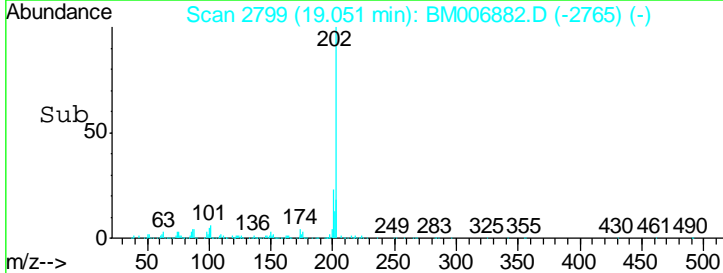
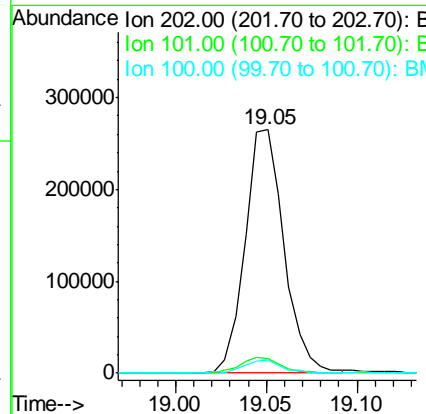
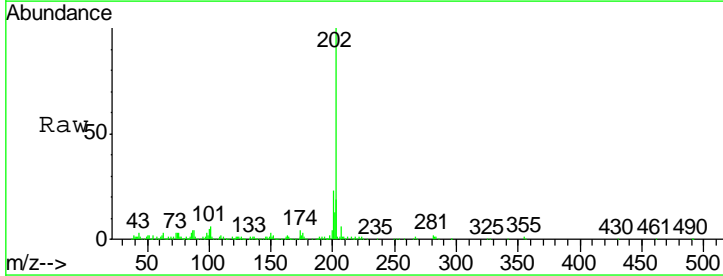
Instrument :
 BNA_M
 ClientSampled :
 BDJL1

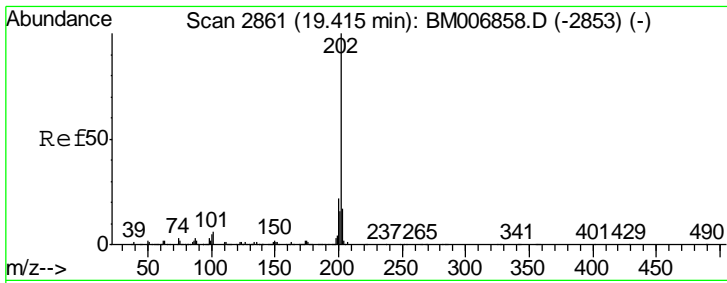
Tgt Ion	Resp	Lower	Upper
178	112821		
179	14.1	12.9	19.3
176	17.8	14.0	21.0



#74
 Fluoranthene
 Concen: 3.52 ng/ul
 RT: 19.05 min Scan# 2799
 Delta R.T. -0.00 min
 Lab File: BM006882.D
 Acq: 05 Aug 2016 02:25

Tgt Ion	Resp	Lower	Upper
202	395294		
101	5.8	4.1	6.1
100	5.3	3.0	4.6#

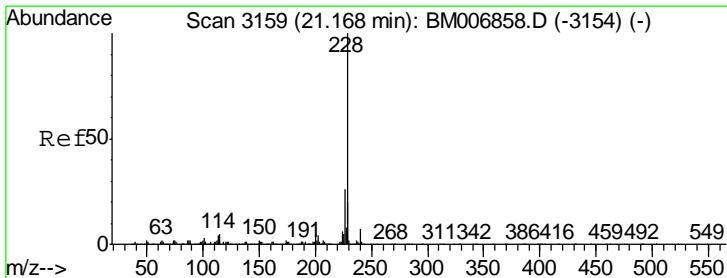
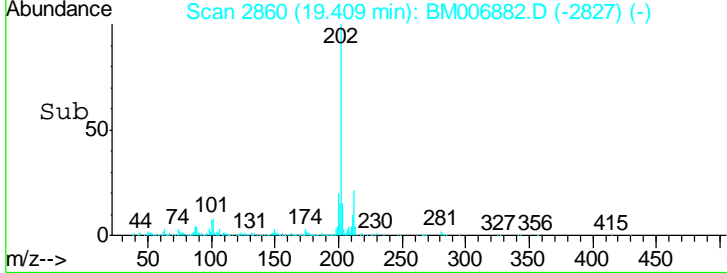
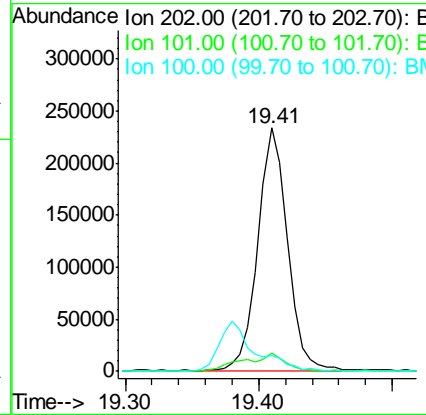
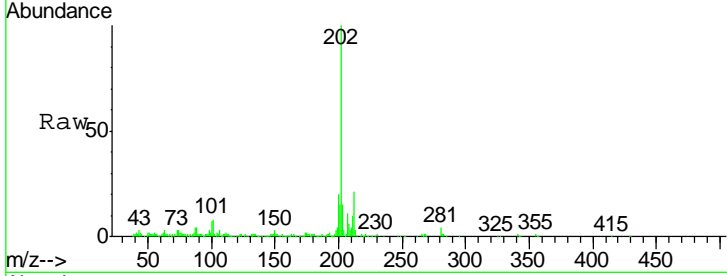




#77
 Pyrene
 Concen: 3.17 ng/ul
 RT: 19.41 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BM006882.D
 Acq: 05 Aug 2016 02:25

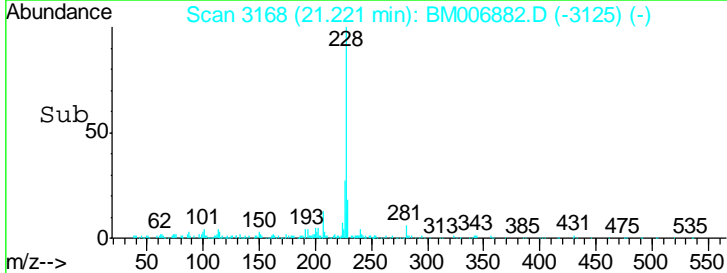
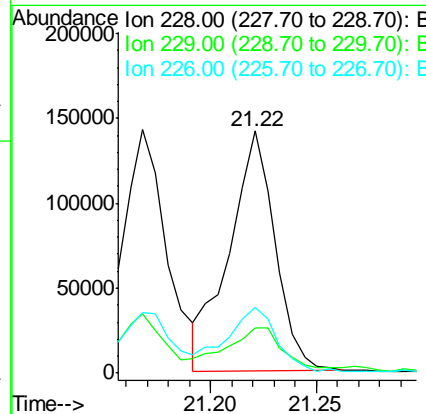
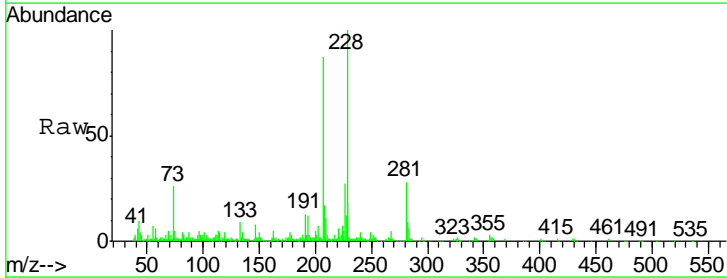
Instrument :
 BNA_M
 ClientSampled :
 BDJL1

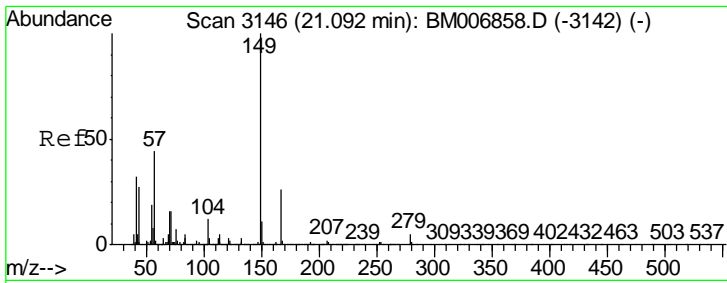
Tgt Ion	Resp	Lower	Upper
202	361163		
101	7.7	4.6	6.8#
100	6.6	4.5	6.7



#80
 Benzo(a)anthracene
 Concen: 2.01 ng/ul
 RT: 21.22 min Scan# 3168
 Delta R.T. 0.05 min
 Lab File: BM006882.D
 Acq: 05 Aug 2016 02:25

Tgt Ion	Resp	Lower	Upper
228	212183		
229	18.5	15.7	23.5
226	27.4	21.3	31.9

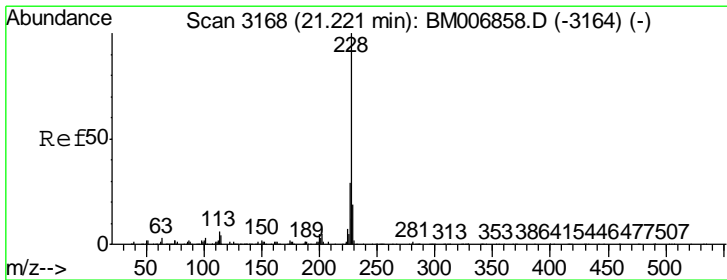
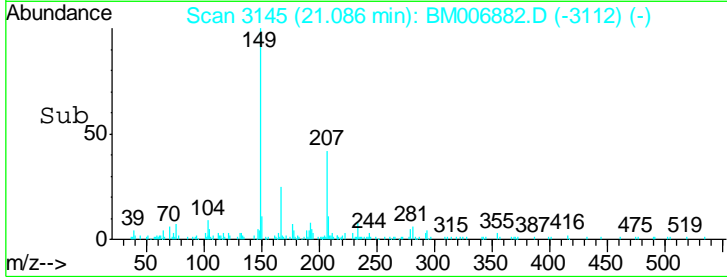
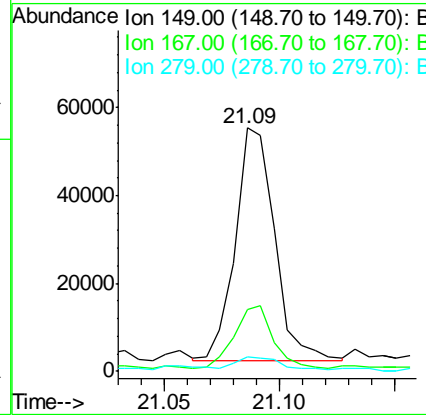
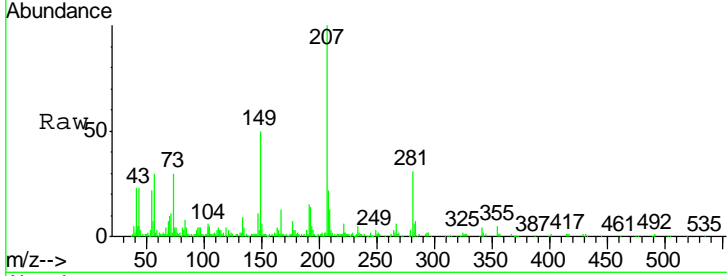




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.17 ng/ul
 RT: 21.09 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BM006882.D
 Acq: 05 Aug 2016 02:25

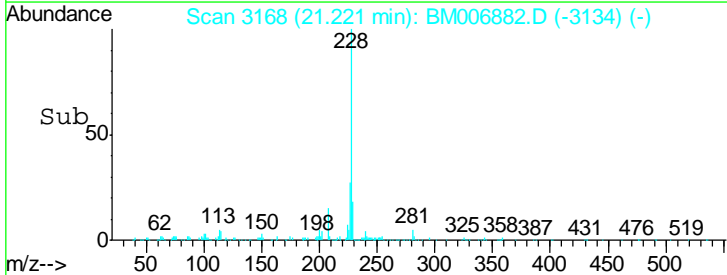
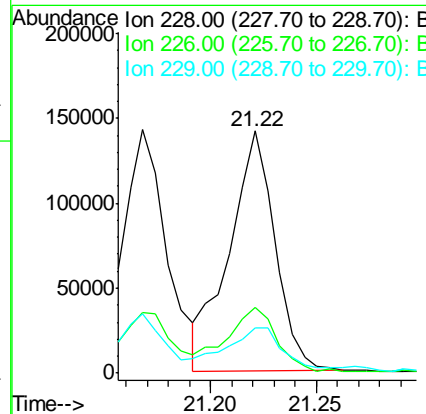
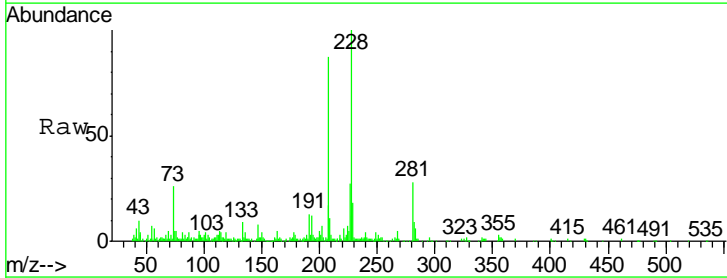
Instrument :
 BNA_M
 ClientSampled :
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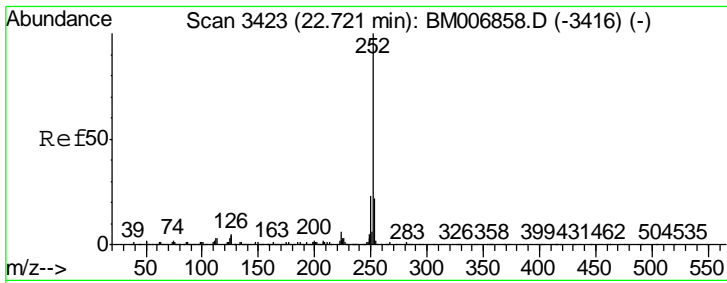
Tgt Ion	Resp	Lower	Upper
149	62962		
167	25.2	20.1	30.1
279	5.9	4.2	6.2



#82
 Chrysene
 Concen: 2.29 ng/ul
 RT: 21.22 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BM006882.D
 Acq: 05 Aug 2016 02:25

Tgt Ion	Resp	Lower	Upper
228	212183		
226	27.4	22.8	34.2
229	18.5	15.4	23.2

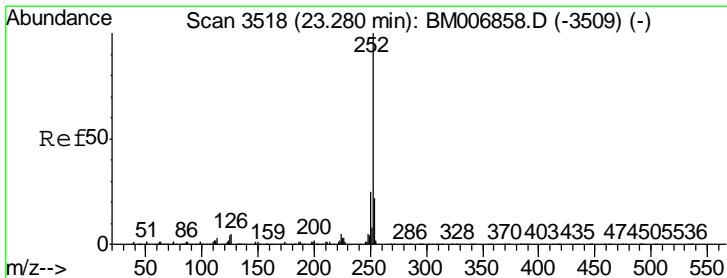
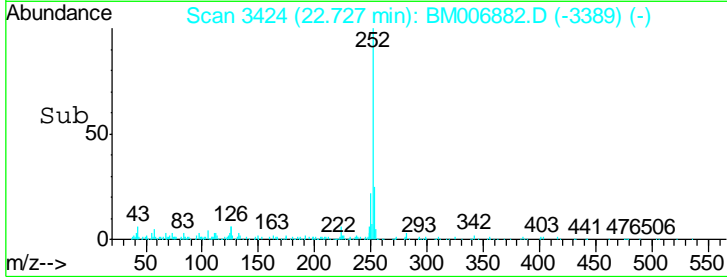
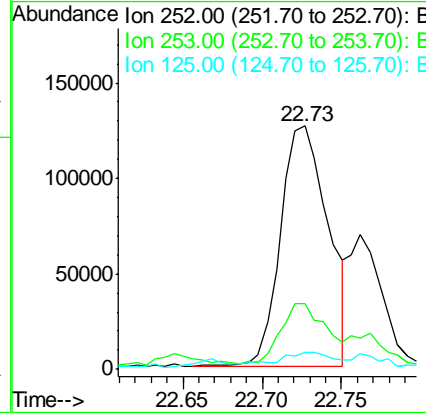
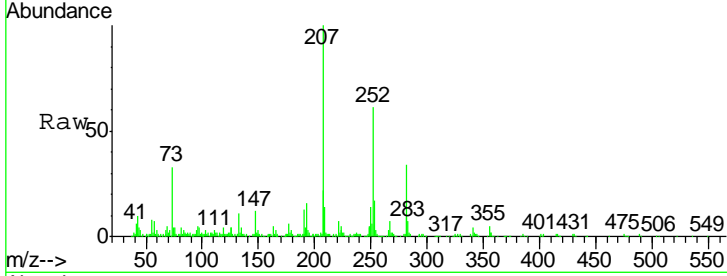




#85
 Benzo(b)fluoranthene
 Concen: 2.43 ng/ul
 RT: 22.73 min Scan# 3424
 Delta R.T. 0.01 min
 Lab File: BM006882.D
 Acq: 05 Aug 2016 02:25

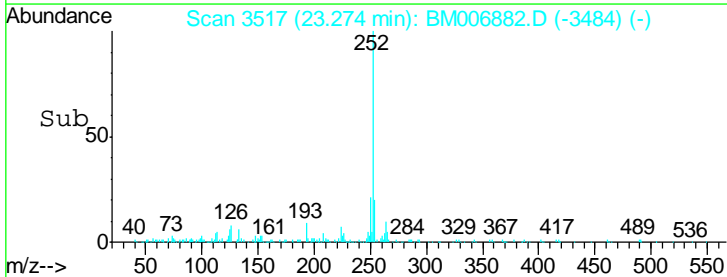
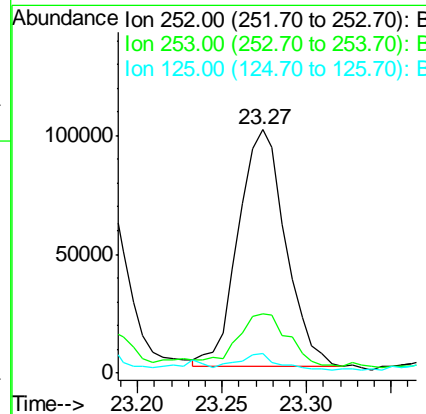
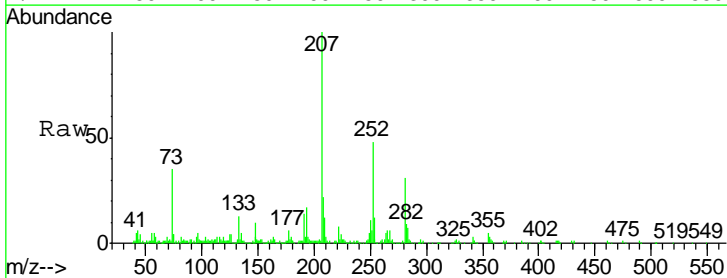
Instrument :
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 ClientSampled :
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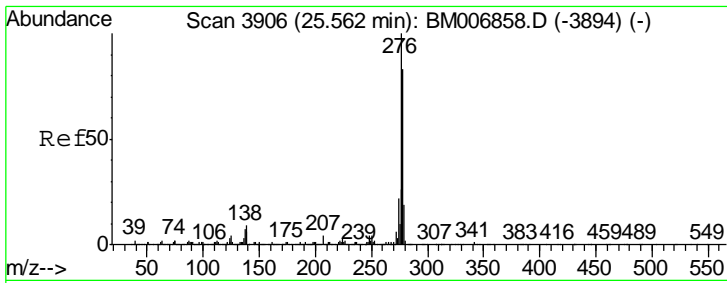
Tgt Ion	Resp	Lower	Upper
252	100		
253	26.9	18.1	27.1
125	7.2	2.9	4.3#



#88
 Benzo(a)pyrene
 Concen: 1.90 ng/ul
 RT: 23.27 min Scan# 3517
 Delta R.T. -0.01 min
 Lab File: BM006882.D
 Acq: 05 Aug 2016 02:25

Tgt Ion	Resp	Lower	Upper
252	100		
253	24.5	18.2	27.4
125	7.8	2.9	4.3#

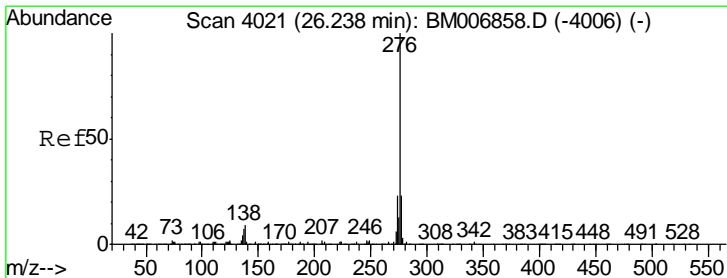
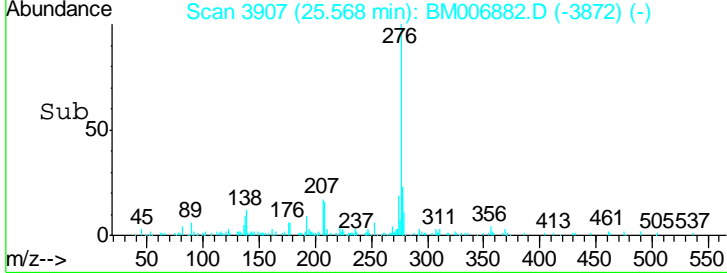
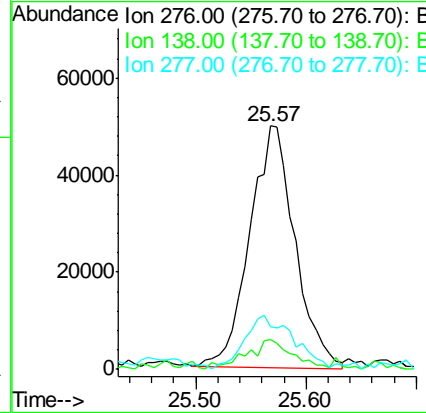
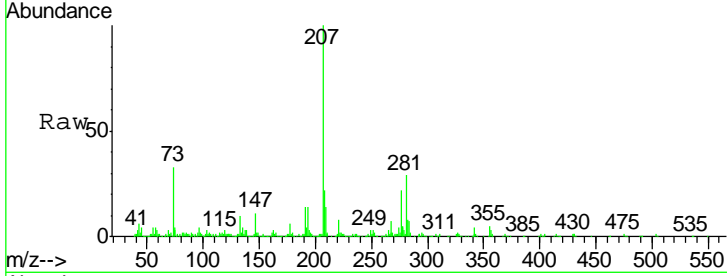




#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.17 ng/ul
 RT: 25.57 min Scan# 3907
 Delta R.T. 0.01 min
 Lab File: BM006882.D
 Acq: 05 Aug 2016 02:25

Instrument :
 BNA_M
 ClientSampled :
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Tgt Ion	Resp	Lower	Upper
276	142733		
138	12.3	8.5	12.7
277	17.6	19.4	29.0#



#91
 Benzo(g,h,i)perylene
 Concen: 1.32 ng/ul
 RT: 26.24 min Scan# 4021
 Delta R.T. -0.00 min
 Lab File: BM006882.D
 Acq: 05 Aug 2016 02:25

Tgt Ion	Resp	Lower	Upper
276	130945		
138	8.6	5.5	8.3#
277	21.4	18.4	27.6

