

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003215.D
 Acq On : 20 Nov 2015 09:25
 Operator : UM/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.456

Quant Time: Nov 21 03:20:40 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:20:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	15773	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	58883	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	28020	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	55662	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	52503	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	50926	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	16400	0.97	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	32957	0.41	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	53861	0.40	ng/ul	0.00

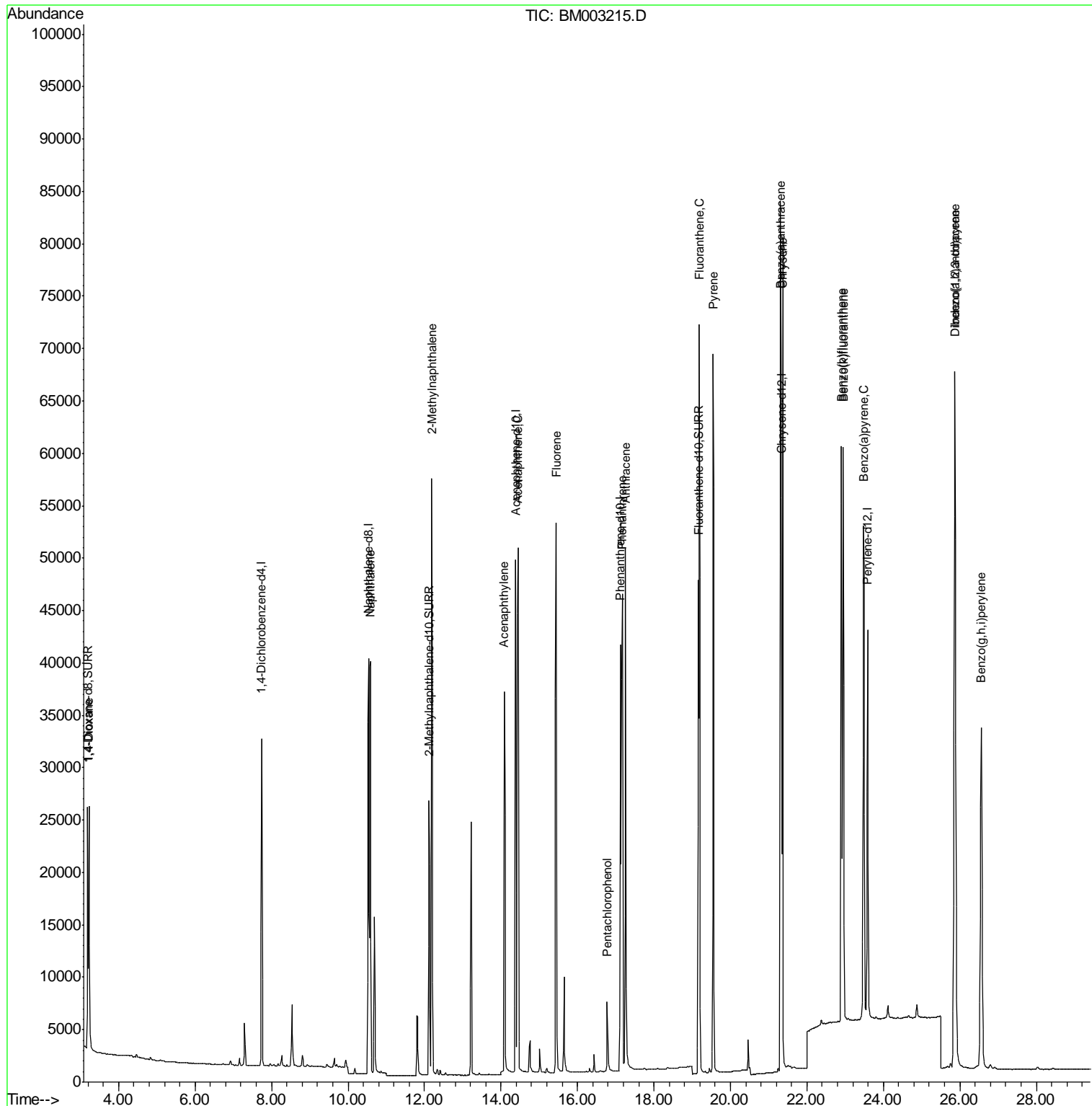
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	3.23	88	18662	0.97	ng/ul#	100
5) Naphthalene	10.58	128	61226	0.41	ng/ul	99
7) 2-Methylnaphthalene	12.19	142	41030	0.42	ng/ul#	100
9) Acenaphthylene	14.09	152	50189	0.43	ng/ul	99
10) Acenaphthene	14.45	153	39851	0.40	ng/ul	100
11) Fluorene	15.44	166	42657	0.40	ng/ul	99
13) Pentachlorophenol	16.78	266	5488	0.42	ng/ul	95
14) Phenanthrene	17.17	178	65906	0.41	ng/ul	99
15) Anthracene	17.26	178	57497	0.43	ng/ul	99
17) Fluoranthene	19.19	202	70055	0.39	ng/ul	97
19) Pyrene	19.55	202	71640	0.40	ng/ul	99
20) Benzo(a)anthracene	21.31	228	66925	0.44	ng/ul	97
21) Chrysene	21.36	228	69647	0.41	ng/ul	97
23) Benzo(b)fluoranthene	22.91	252	76484	0.40	ng/ul	97
24) Benzo(k)fluoranthene	22.95	252	65066	0.36	ng/ul	98
25) Benzo(a)pyrene	23.48	252	69806	0.41	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.87	276	81899	0.40	ng/ul#	90
27) Dibenzo(a,h)anthracene	25.88	278	65043	0.39	ng/ul	98
28) Benzo(g,h,i)perylene	26.56	276	70443	0.39	ng/ul	99

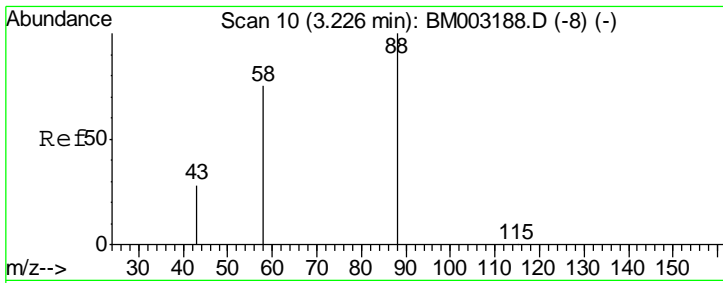
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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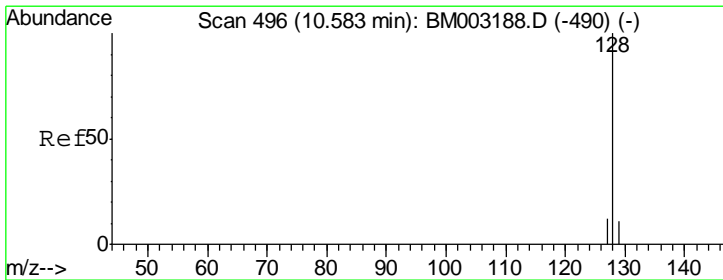
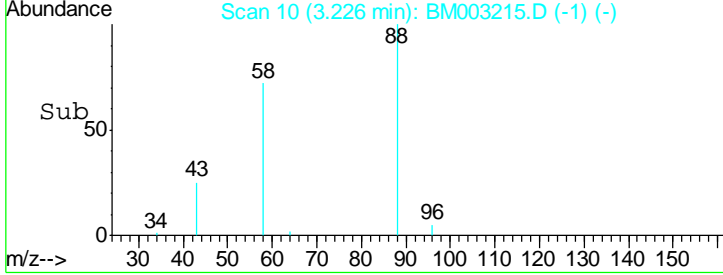
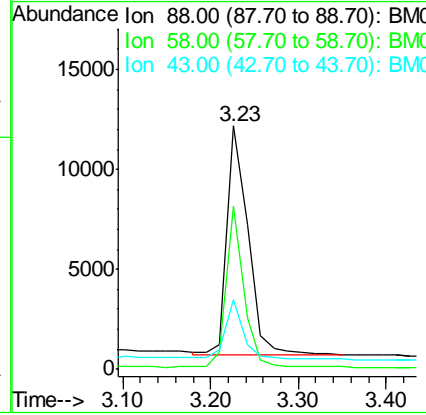
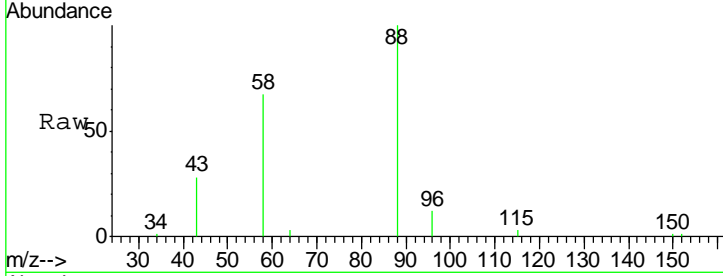




#3
 1,4-Dioxane
 Concen: 0.97 ng/ul
 RT: 3.23 min Scan# 10
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

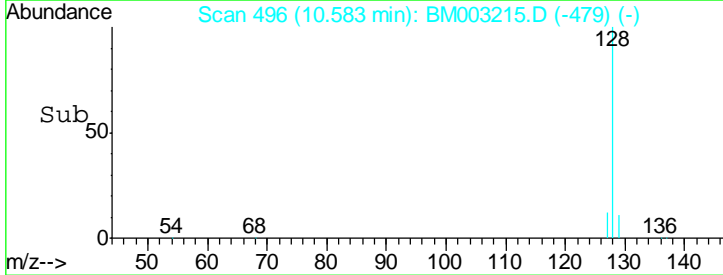
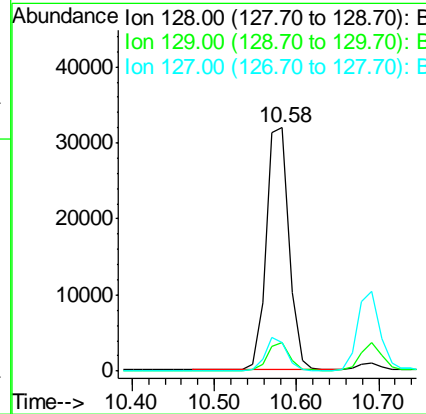
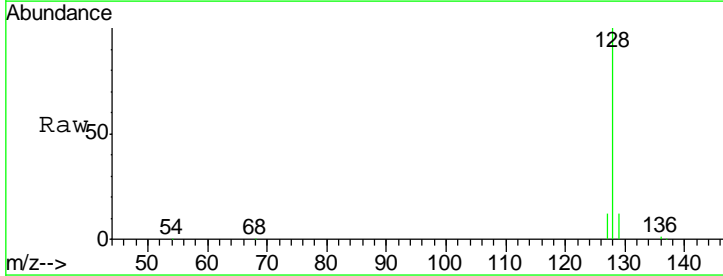
Instrument :
 BNA_M
ClientSampled :
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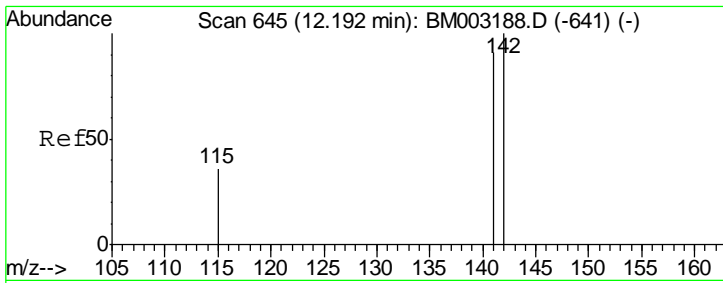
Tgt Ion	Resp	Lower	Upper
88	18662		
58	58.8	0.0	0.0#
43	22.7	0.0	0.0#



#5
 Naphthalene
 Concen: 0.41 ng/ul
 RT: 10.58 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

Tgt Ion	Resp	Lower	Upper
128	61226		
129	11.7	9.0	13.6
127	11.9	9.6	14.4

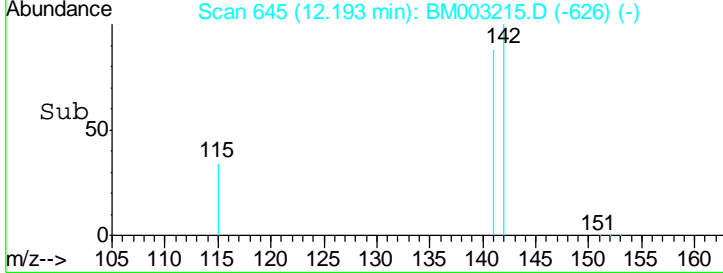
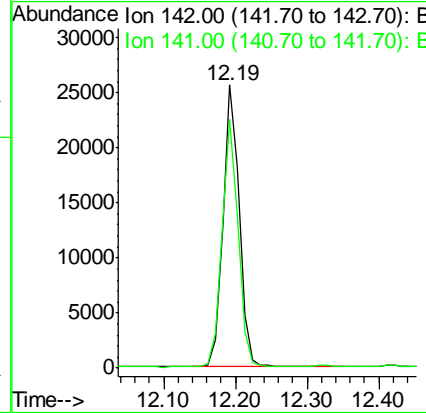
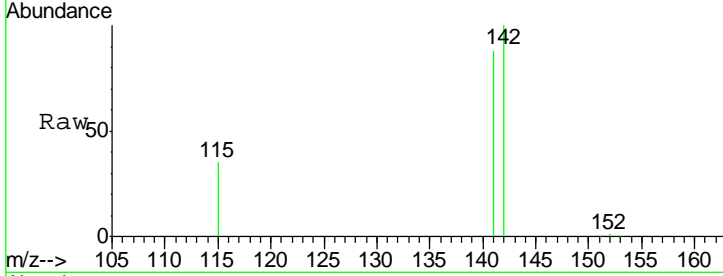




#7
 2-Methylnaphthalene
 Concen: 0.42 ng/ul
 RT: 12.19 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

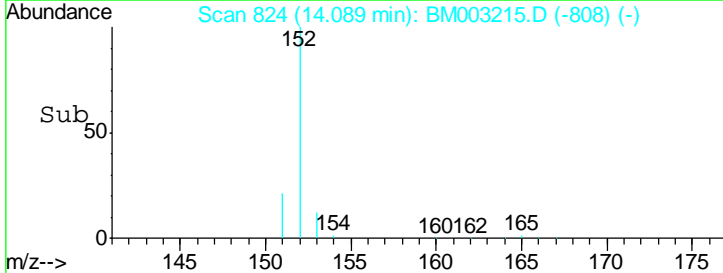
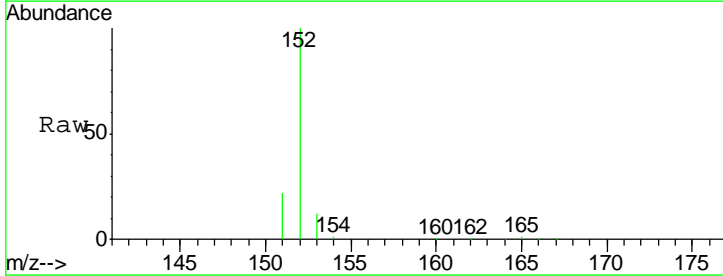
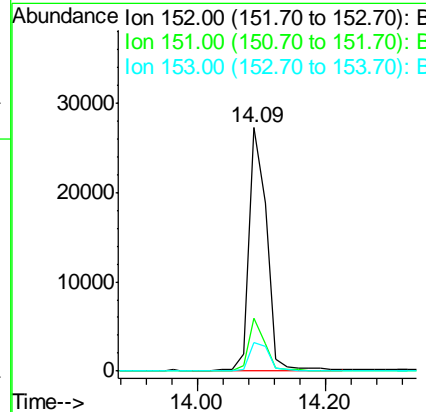
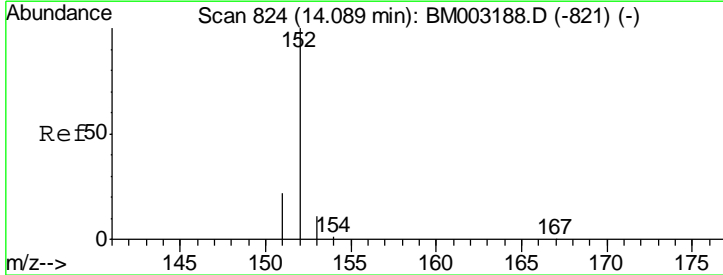
Instrument :
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 ClientSampled :
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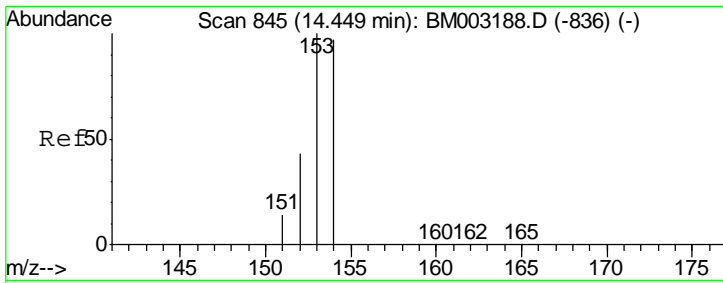
Tgt Ion:142 Resp: 41030
 Ion Ratio Lower Upper
 142 100
 141 87.6 0.0 0.0#



#9
 Acenaphthylene
 Concen: 0.43 ng/ul
 RT: 14.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

Tgt Ion:152 Resp: 50189
 Ion Ratio Lower Upper
 152 100
 151 21.5 17.6 26.4
 153 12.0 9.7 14.5

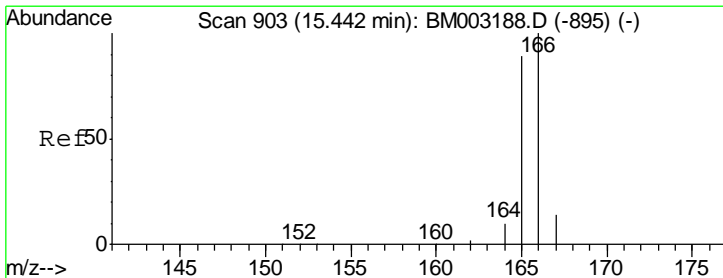
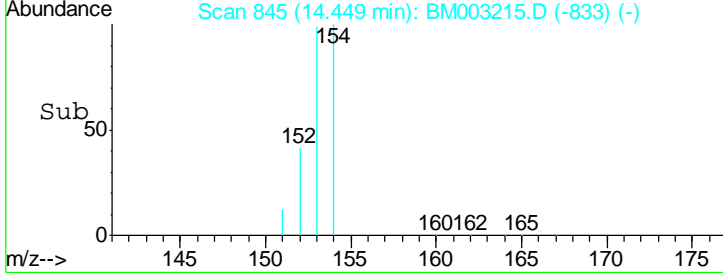
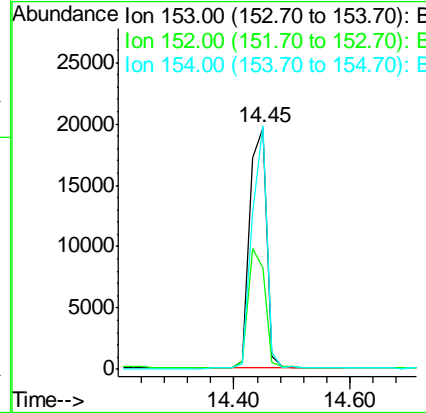
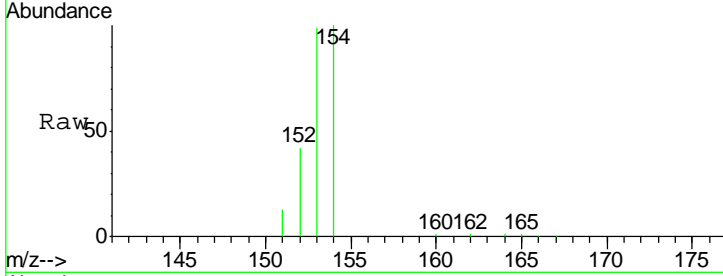




#10
 Acenaphthene
 Concen: 0.40 ng/ul
 RT: 14.45 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

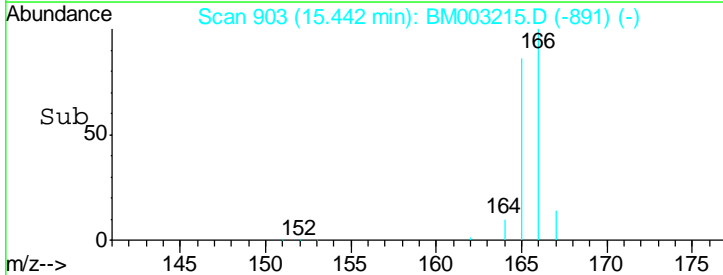
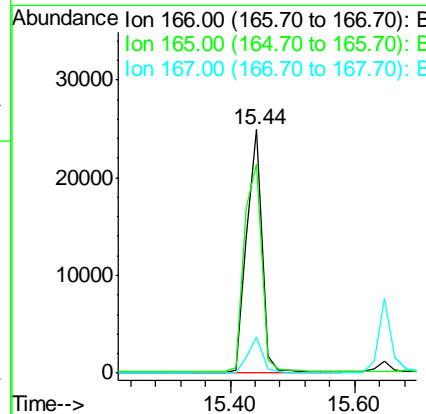
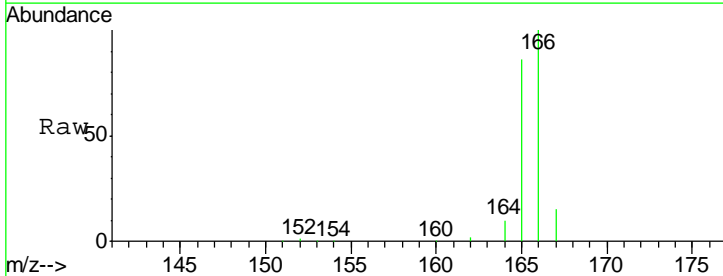
Instrument :
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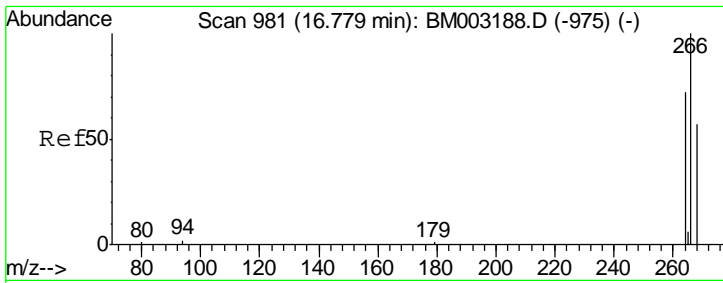
Tgt Ion	Resp	Lower	Upper
153	39851		
152	42.2	33.9	50.9
154	100.9	80.6	121.0



#11
 Fluorene
 Concen: 0.40 ng/ul
 RT: 15.44 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BM003215.D
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Tgt Ion	Resp	Lower	Upper
166	42657		
165	85.9	69.6	104.4
167	14.6	11.9	17.9

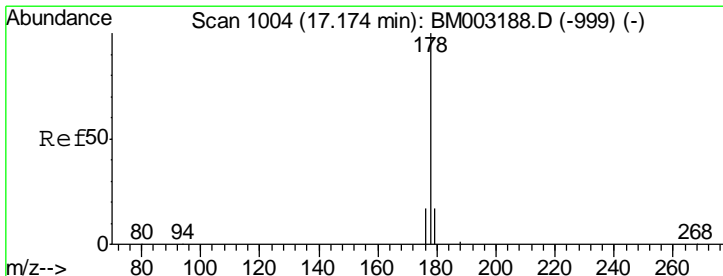
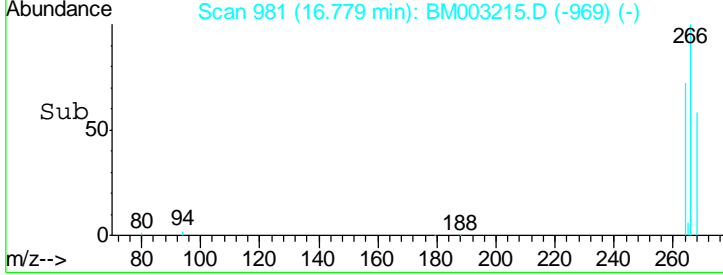
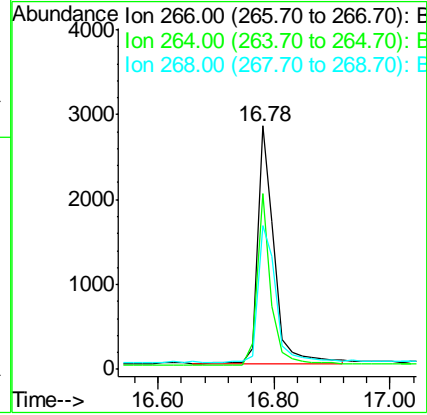
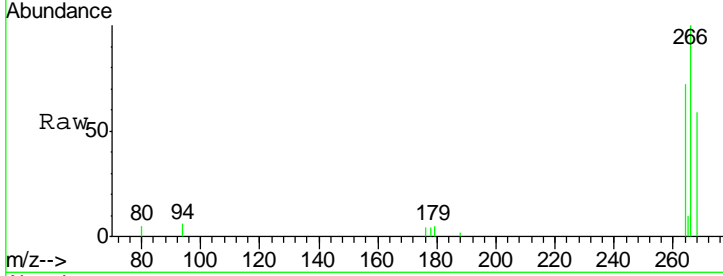




#13
 Pentachlorophenol
 Concen: 0.42 ng/ul
 RT: 16.78 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

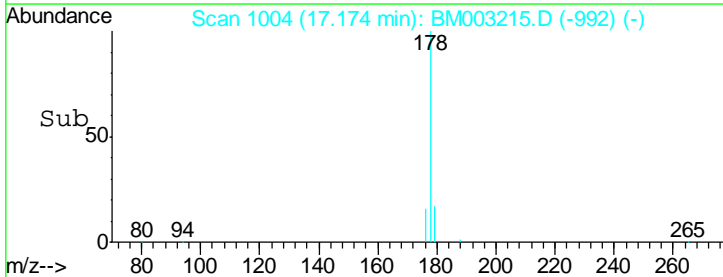
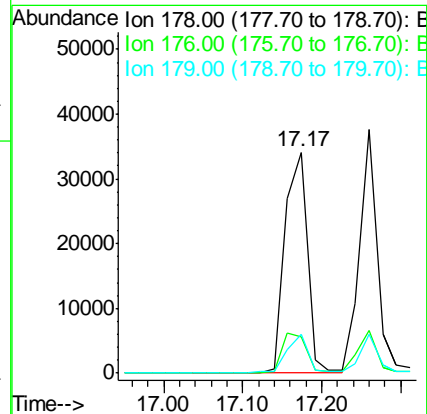
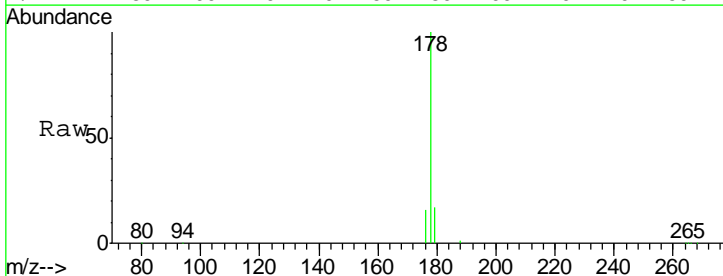
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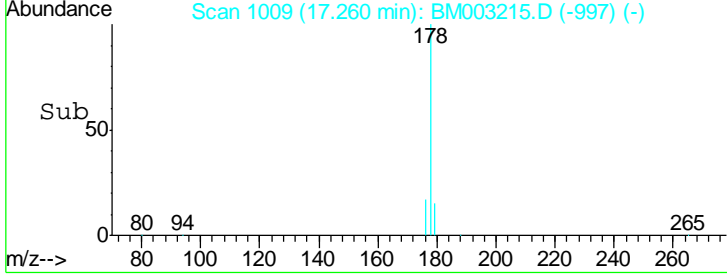
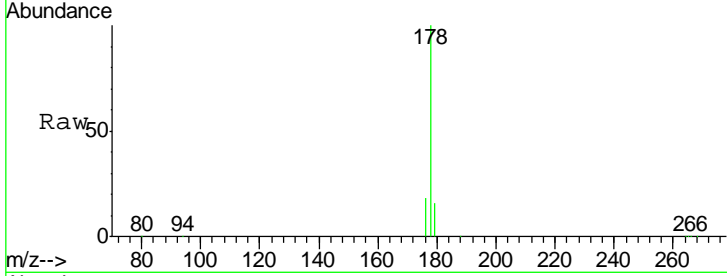
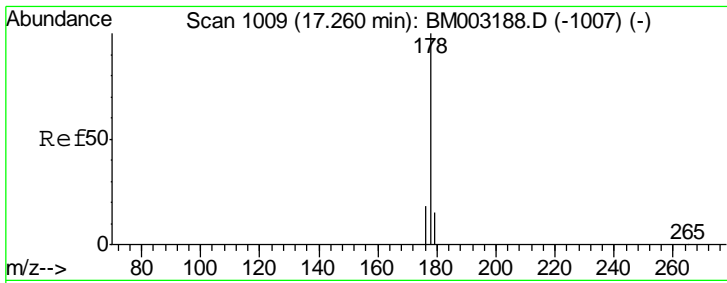
Tgt Ion	Resp	Lower	Upper
266	100		
264	63.0	51.8	77.8
268	64.0	46.8	70.2



#14
 Phenanthrene
 Concen: 0.41 ng/ul
 RT: 17.17 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

Tgt Ion	Resp	Lower	Upper
178	100		
176	16.3	13.0	19.4
179	17.3	14.2	21.2



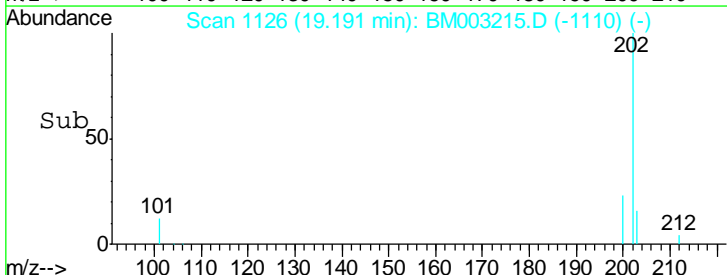
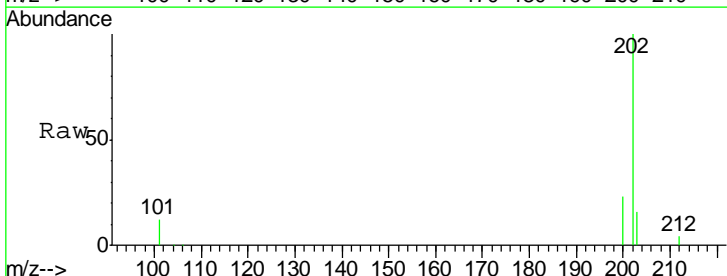
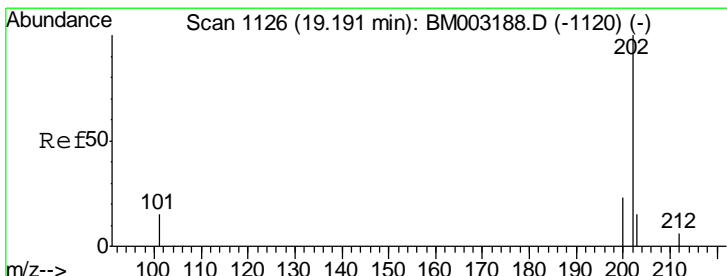
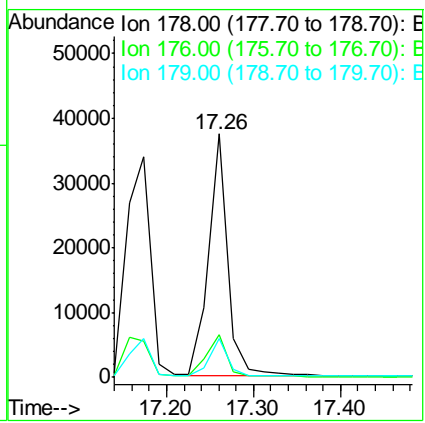


#15
 Anthracene
 Concen: 0.43 ng/ul
 RT: 17.26 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

Instrument :
 BNA_M
 ClientSampled :
 SSTD0.456

Tgt Ion: 178 Resp: 57497

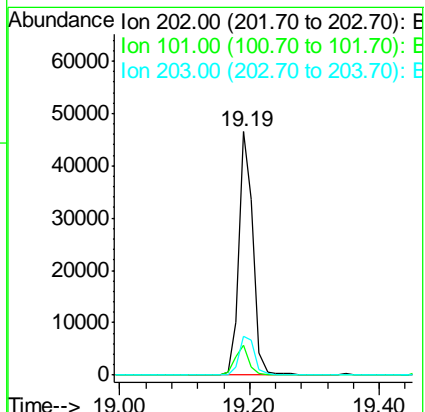
Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.0	21.0
179	15.8	12.9	19.3

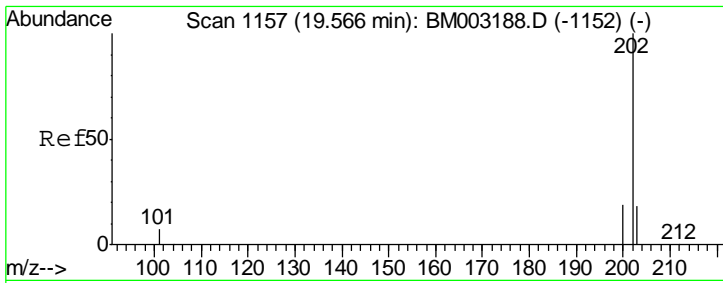


#17
 Fluoranthene
 Concen: 0.39 ng/ul
 RT: 19.19 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

Tgt Ion: 202 Resp: 70055

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	29.6
203	16.0	0.0	36.3

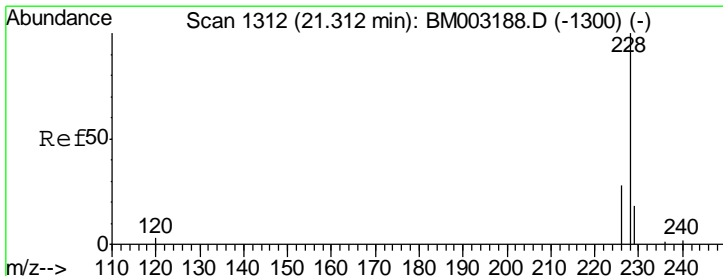
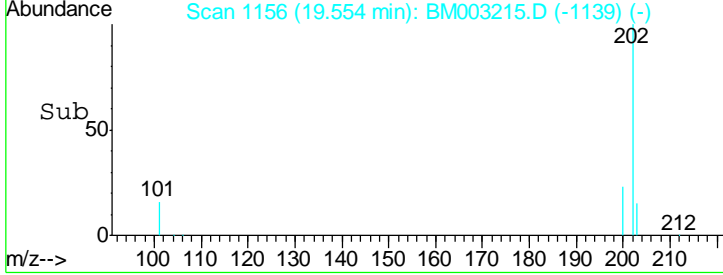
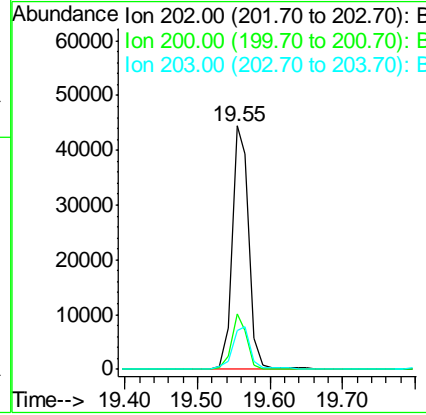
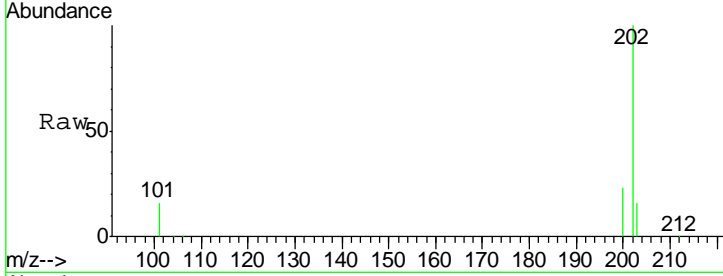




#19
 Pyrene
 Concen: 0.40 ng/ul
 RT: 19.55 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

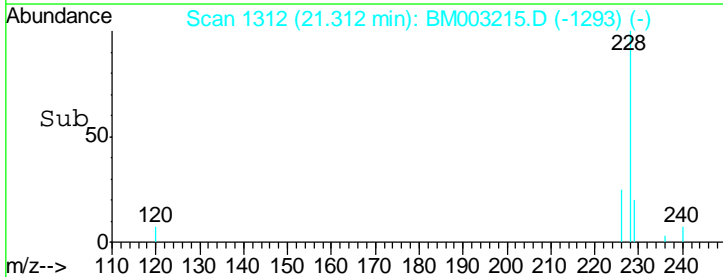
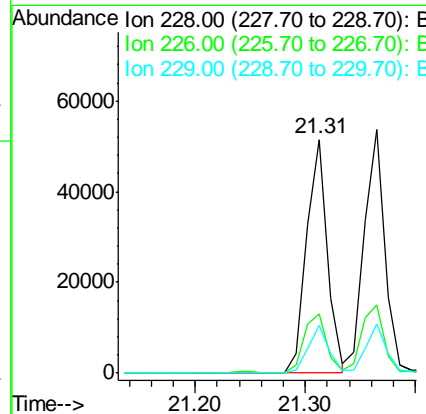
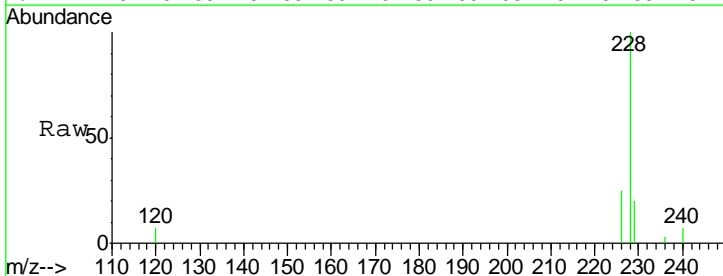
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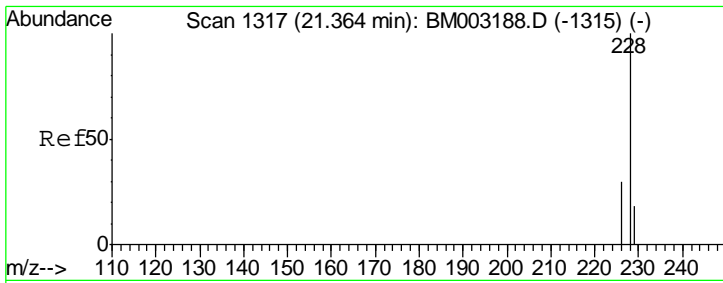
Tgt Ion	Resp	Lower	Upper
202	71640		
200	23.0	17.8	26.8
203	15.7	12.8	19.2



#20
 Benzo(a)anthracene
 Concen: 0.44 ng/ul
 RT: 21.31 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

Tgt Ion	Resp	Lower	Upper
228	66925		
226	25.1	18.8	28.2
229	20.3	17.1	25.7

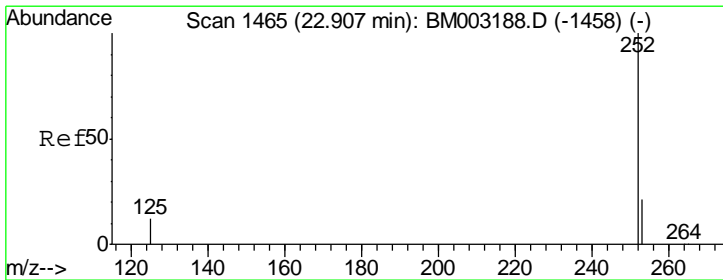
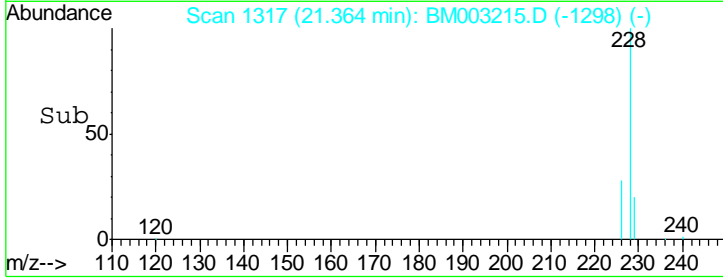
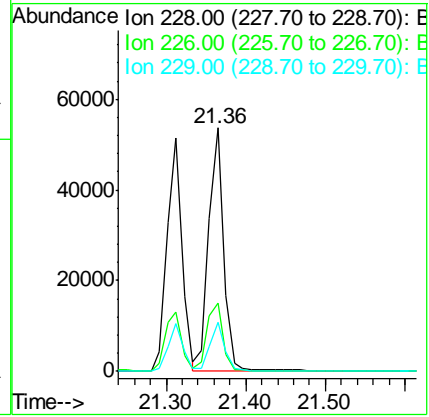
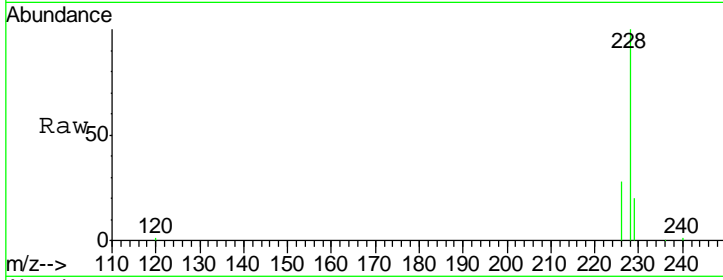




#21
 Chrysene
 Concen: 0.41 ng/ul
 RT: 21.36 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

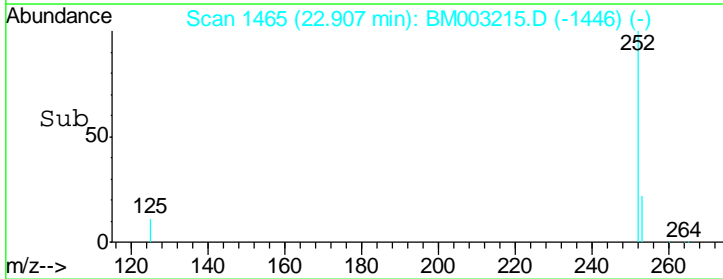
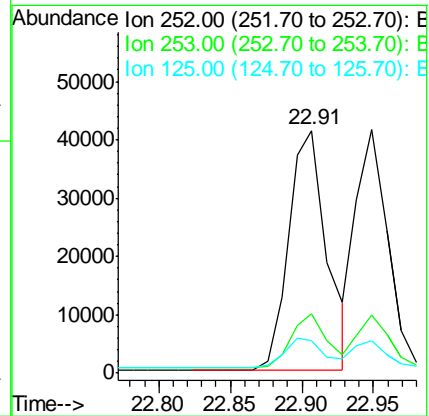
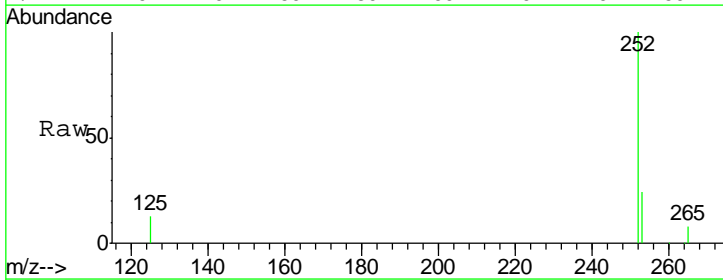
Instrument :
 BNA_M
 ClientSampleId :
 SST0.456

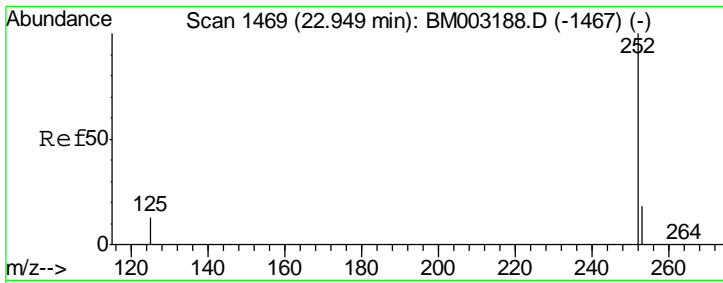
Tgt Ion	Resp	Lower	Upper
228	69647		
226	27.9	21.2	31.8
229	20.2	17.0	25.6



#23
 Benzo(b)fluoranthene
 Concen: 0.40 ng/ul
 RT: 22.91 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

Tgt Ion	Resp	Lower	Upper
252	76484		
253	24.3	0.0	45.4
125	13.2	0.0	28.8



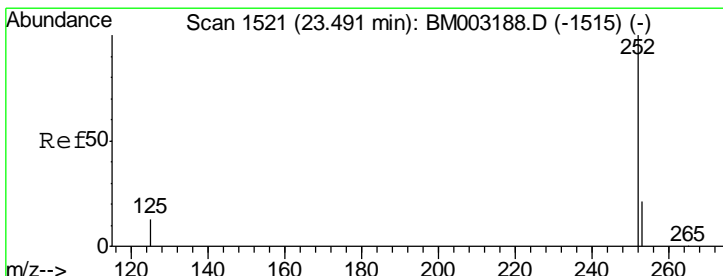
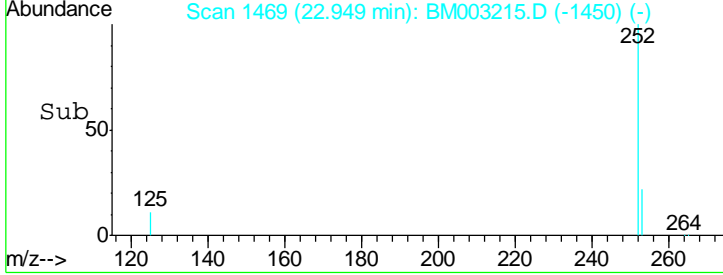
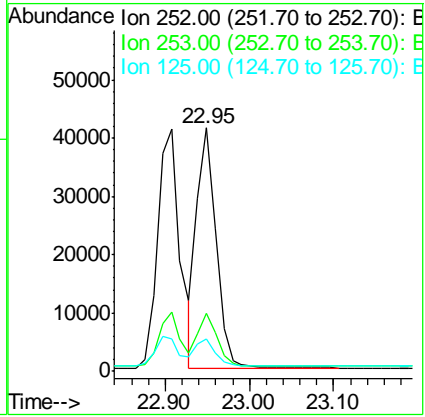
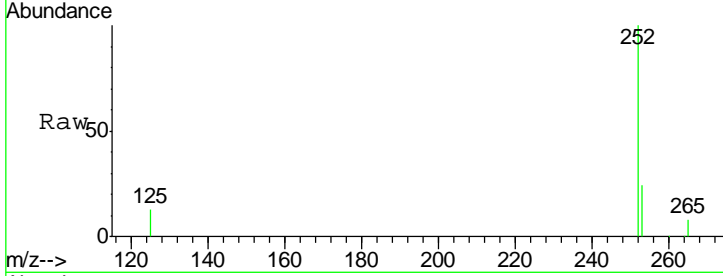


#24
 Benzo(k)fluoranthene
 Concen: 0.36 ng/ul
 RT: 22.95 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

Instrument :
 BNA_M
 ClientSampled :
 SSTD0.456

Tgt Ion: 252 Resp: 65066

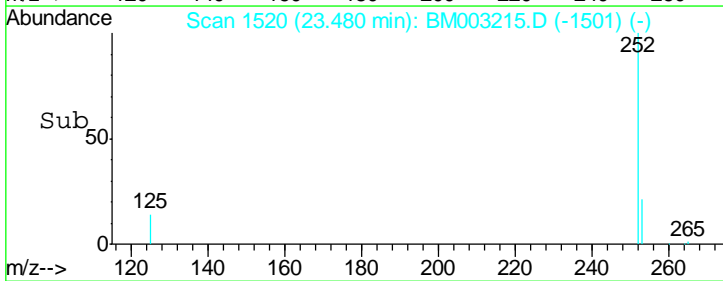
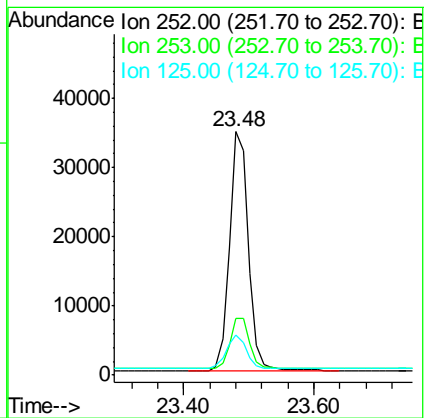
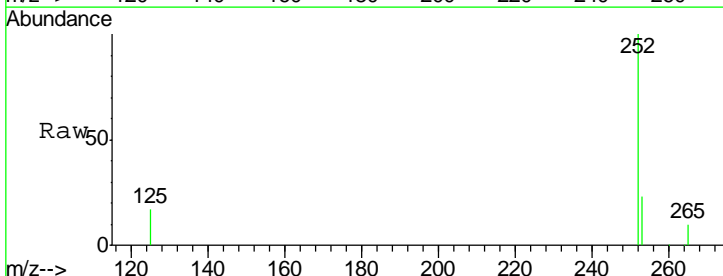
Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.8	29.8
125	13.3	10.4	15.6

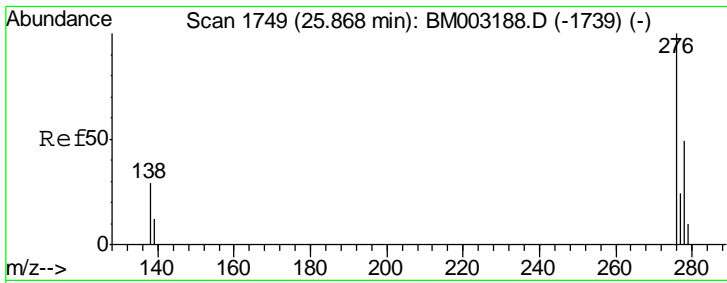


#25
 Benzo(a)pyrene
 Concen: 0.41 ng/ul
 RT: 23.48 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

Tgt Ion: 252 Resp: 69806

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.4	29.2
125	16.7	12.7	19.1

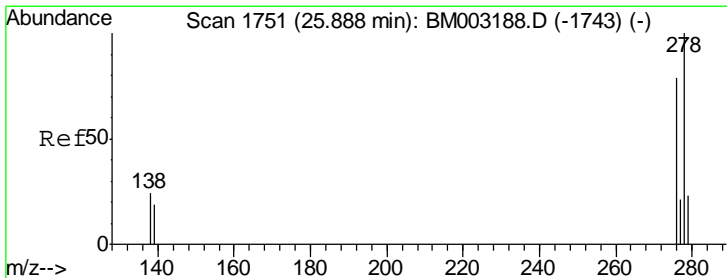
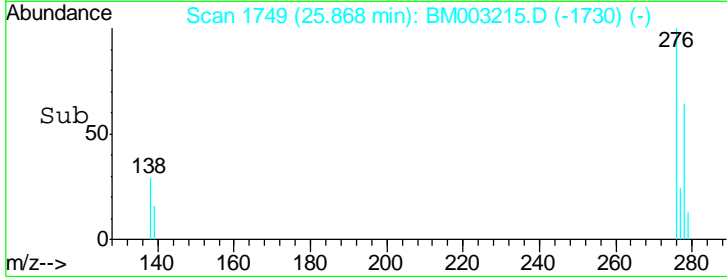
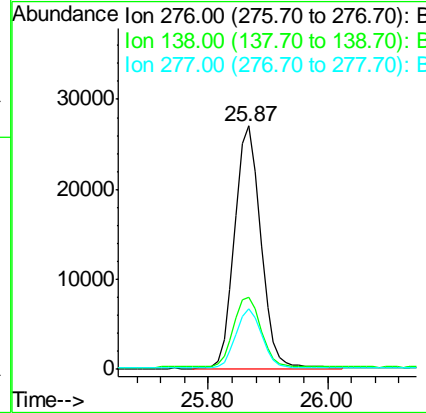
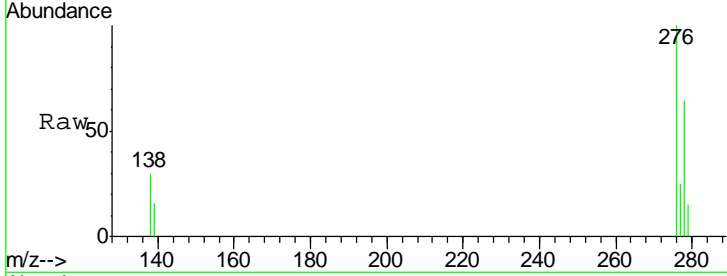




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.40 ng/ul
 RT: 25.87 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

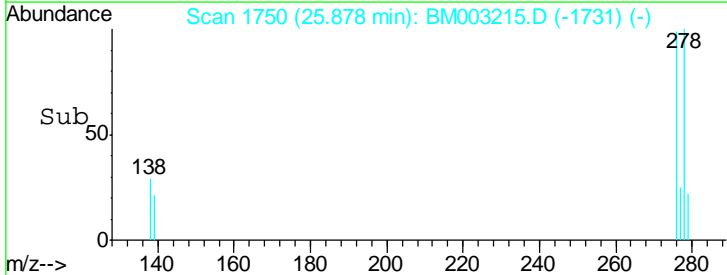
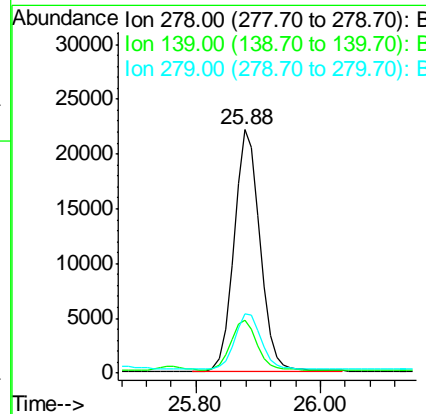
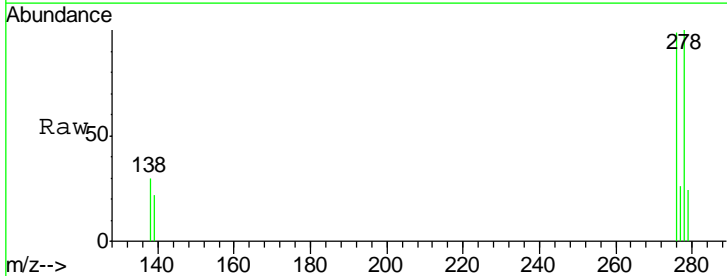
Instrument :
 BNA_M
 ClientSampled :
 SSTD0.456

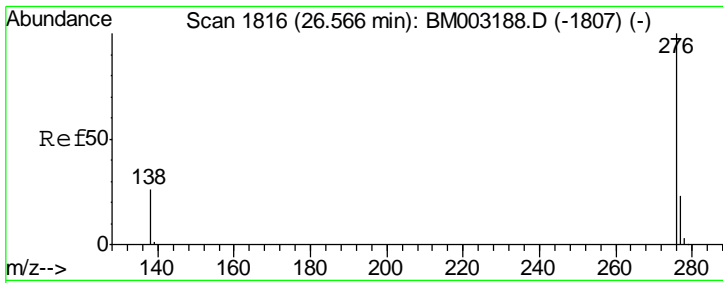
Tgt Ion	Resp	Lower	Upper
276	81899		
138	30.0	16.3	24.5#
277	24.4	19.8	29.8



#27
 Dibenzo(a,h)anthracene
 Concen: 0.39 ng/ul
 RT: 25.88 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

Tgt Ion	Resp	Lower	Upper
278	65043		
139	21.9	16.4	24.6
279	24.3	20.2	30.2





#28
 Benzo(g,h,i)perylene
 Concen: 0.39 ng/ul
 RT: 26.56 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BM003215.D
 Acq: 20 Nov 2015 09:25

Instrument :
 BNA_M
 ClientSampled :
 SSTD0.456

Tgt Ion: 276 Resp: 70443

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	27.7	22.5	33.7

