

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012186.D
 Acq On : 15 Oct 2017 00:41
 Operator : SJ/JU
 Sample : I5522-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC1

Quant Time: Oct 15 06:28:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 06:19:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	130385	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	587836	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	397671	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1029068	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1337253	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	1195570	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	3872	1.41	ng/uL	0.00
5) Phenol-d5	6.98	99	105545	9.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	59760	9.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	98340	10.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	89840	9.86	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	46357	10.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	56522	10.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	116834	11.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	69886	7.46	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	452391	12.87	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	539823	12.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	24397	4.62	ng/ul	0.02
57) Fluorene-d10	15.46	176	404519	14.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	54459	7.71	ng/ul	0.00
70) Anthracene-d10	17.31	188	670932	13.19	ng/ul	0.00
76) Pyrene-d10	19.60	212	908552	13.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	813483	14.11	ng/ul	0.00

Target Compounds

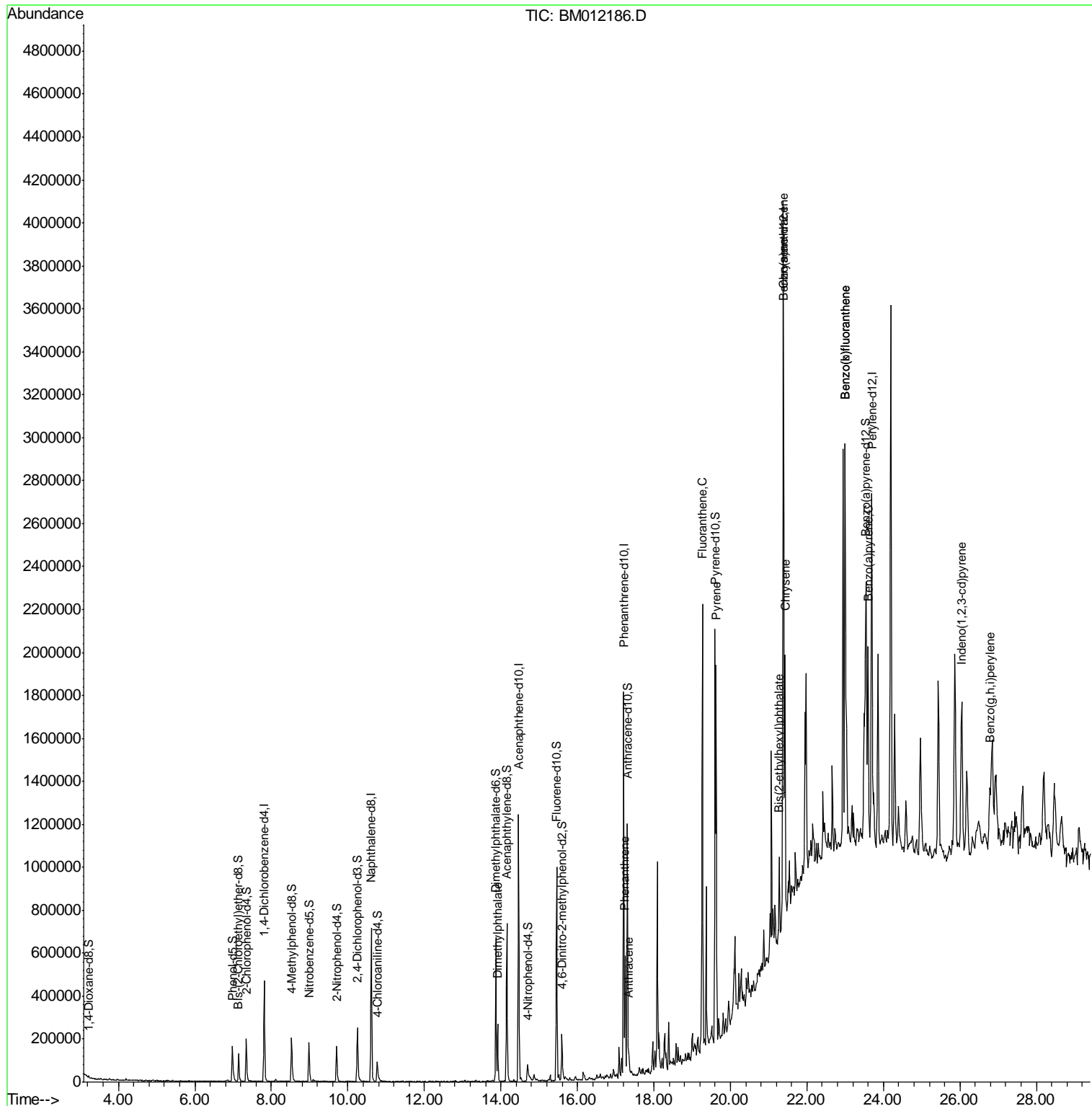
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.92	163	179924	5.11	ng/ul	99
69) Phenanthrene	17.25	178	320321	5.47	ng/ul	98
71) Anthracene	17.34	178	85095	1.40	ng/ul	97
74) Fluoranthene	19.27	202	1138735	16.12	ng/ul#	95
77) Pyrene	19.63	202	1060213	12.01	ng/ul#	94
80) Benzo(a)anthracene	21.37	228	694399	7.98	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.28	149	109567	1.86	ng/ul	99
82) Chrysene	21.43	228	698124	8.55	ng/ul	98
85) Benzo(b)fluoranthene	23.00	252	912423	11.69	ng/ul#	94
86) Benzo(k)fluoranthene	23.00	252	912423	12.14	ng/ul#	93
88) Benzo(a)pyrene	23.60	252	607854	8.27	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.06	276	387148	4.96	ng/ul	98
91) Benzo(g,h,i)perylene	26.79	276	307669	4.81	ng/ul#	91

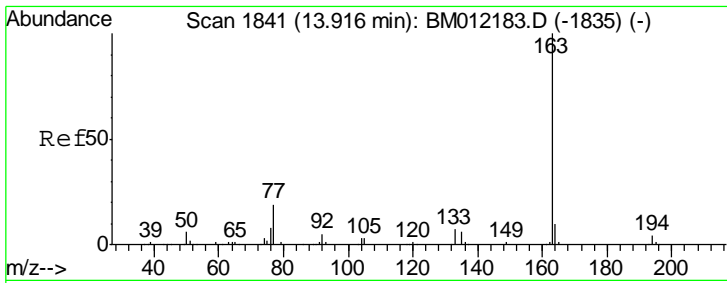
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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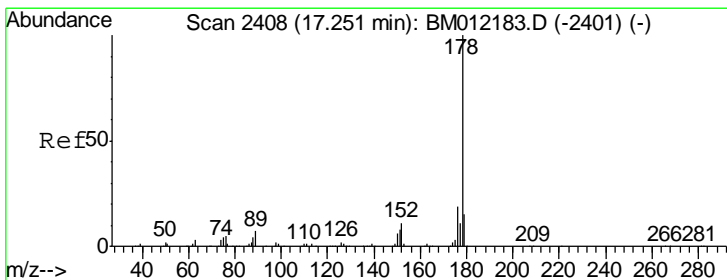
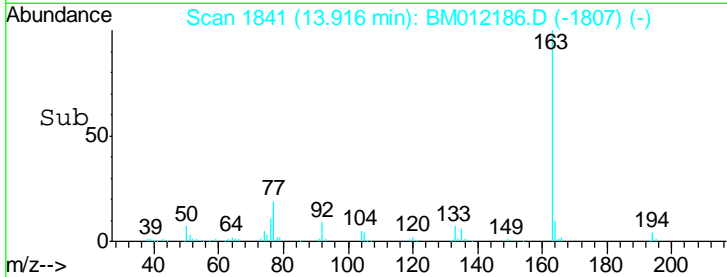
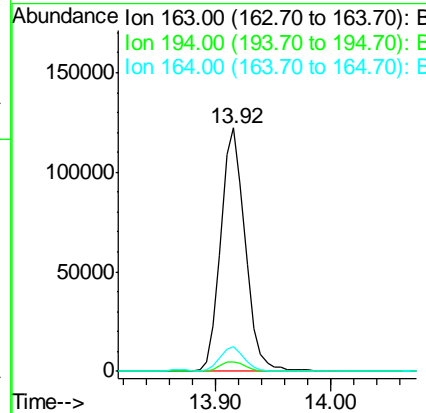
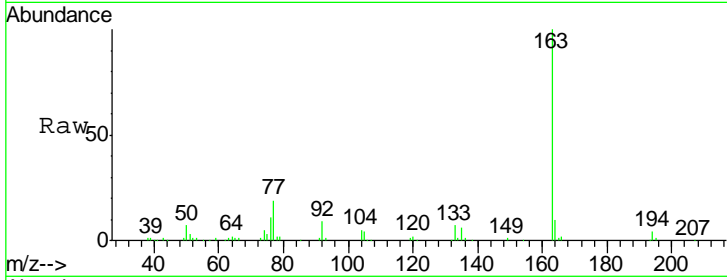




#44
 Dimethylphthalate
 Concen: 5.11 ng/ul
 RT: 13.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BM012186.D
 Acq: 15 Oct 2017 00:41

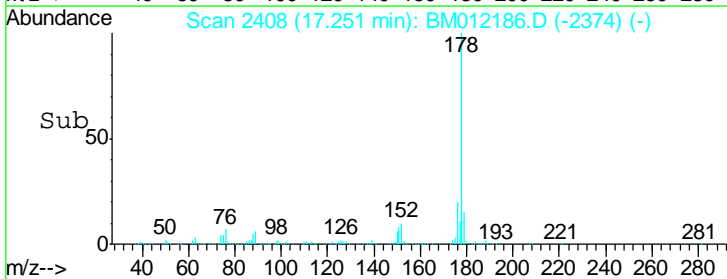
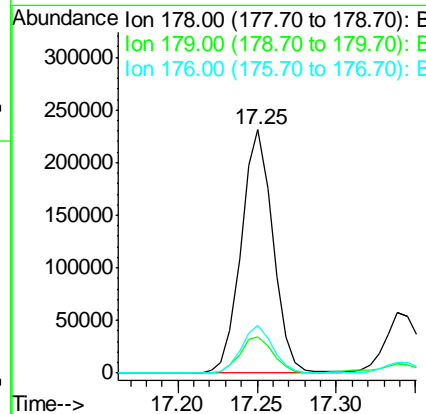
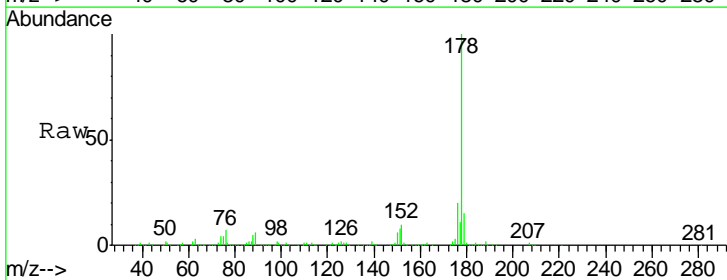
Instrument :
 BNA_M
 ClientSampled :
 C0AC1

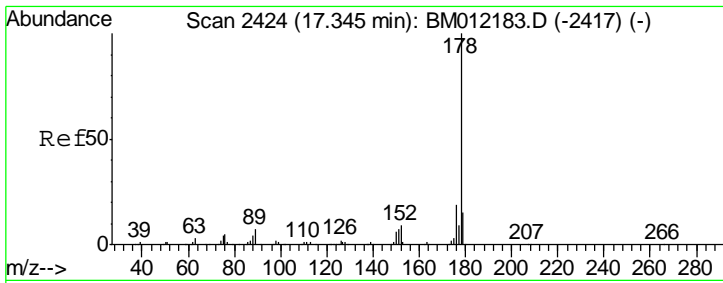
Tgt Ion	Resp	Lower	Upper
163	179924		
194	4.0	3.5	5.3
164	10.1	8.2	12.4



#69
 Phenanthrene
 Concen: 5.47 ng/ul
 RT: 17.25 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BM012186.D
 Acq: 15 Oct 2017 00:41

Tgt Ion	Resp	Lower	Upper
178	320321		
179	15.2	12.6	19.0
176	19.6	14.9	22.3

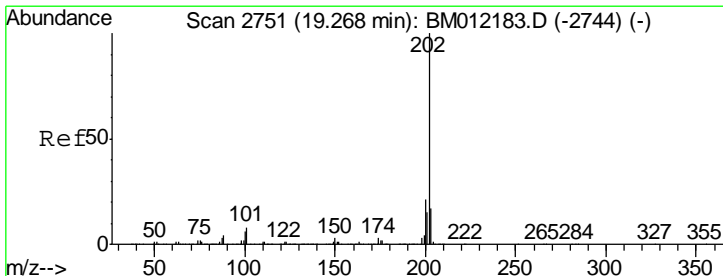
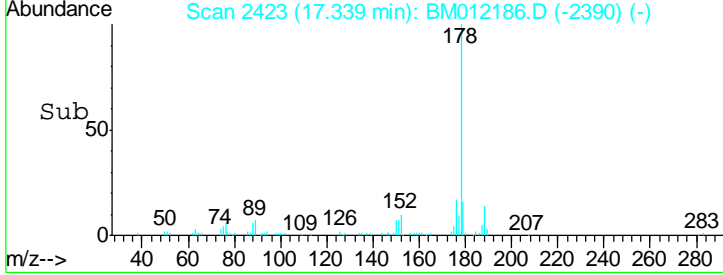
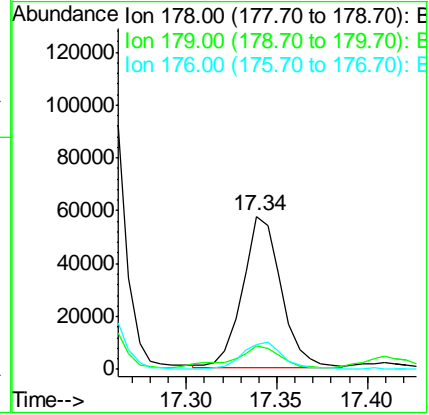
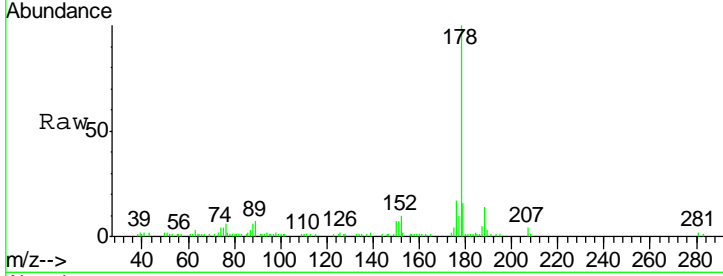




#71
 Anthracene
 Concen: 1.40 ng/ul
 RT: 17.34 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BM012186.D
 Acq: 15 Oct 2017 00:41

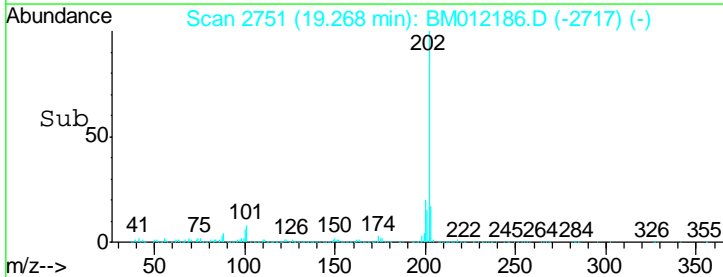
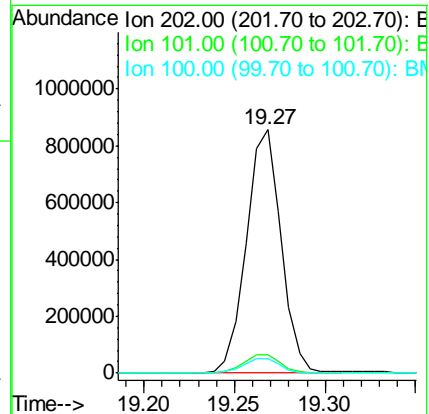
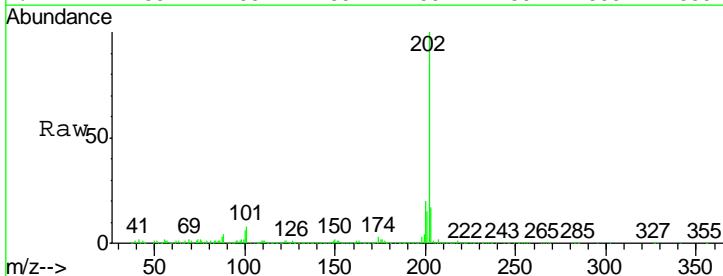
Instrument :
 BNA_M
 ClientSampled :
 C0AC1

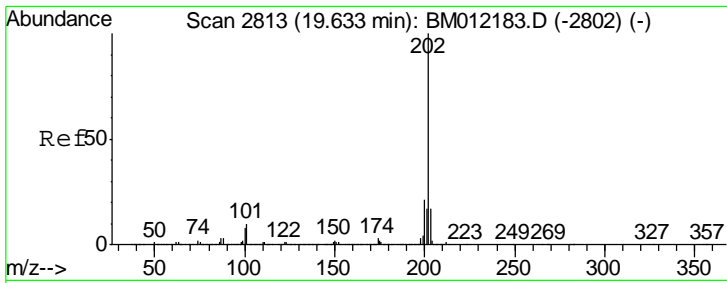
Tgt Ion	Resp	Lower	Upper
178	100		
179	15.6	11.7	17.5
176	16.6	14.6	21.8



#74
 Fluoranthene
 Concen: 16.12 ng/ul
 RT: 19.27 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BM012186.D
 Acq: 15 Oct 2017 00:41

Tgt Ion	Resp	Lower	Upper
202	100		
101	7.6	4.6	7.0#
100	5.9	3.4	5.2#



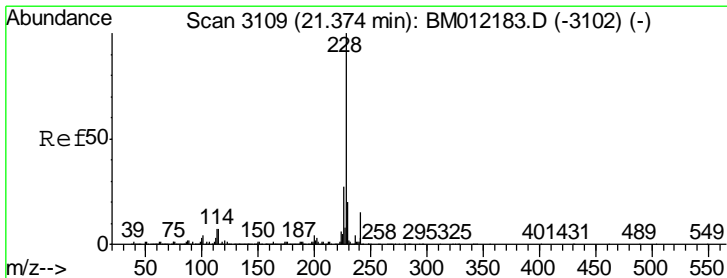
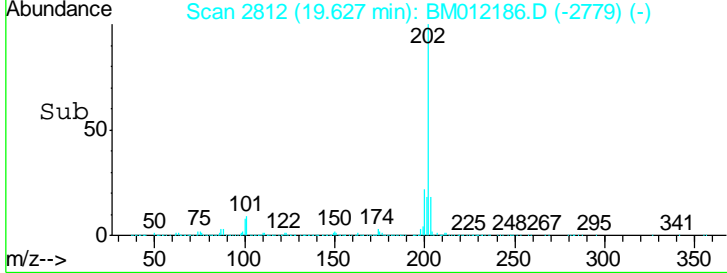
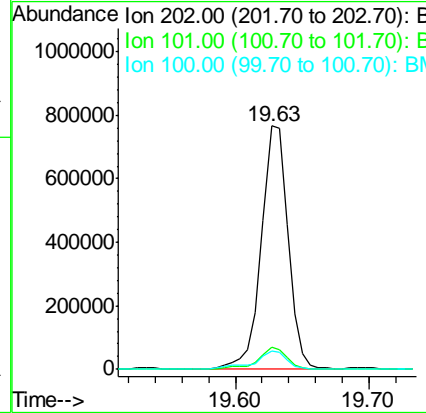
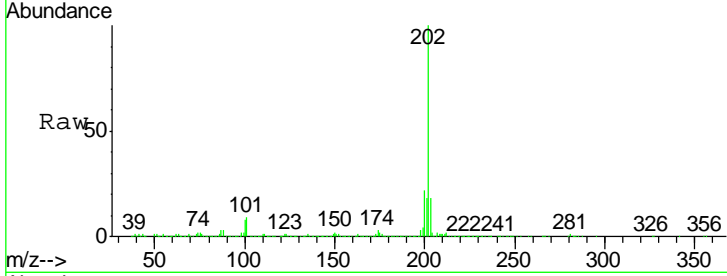


#77
 Pyrene
 Concen: 12.01 ng/ul
 RT: 19.63 min Scan# 2812
 Delta R.T. -0.01 min
 Lab File: BM012186.D
 Acq: 15 Oct 2017 00:41

Instrument :
 BNA_M
 ClientSampled :
 C0AC1

Tgt Ion: 202 Resp: 1060213

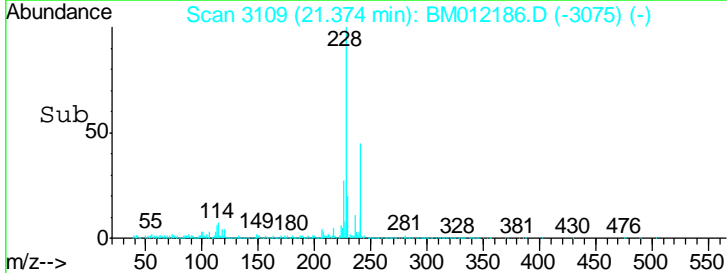
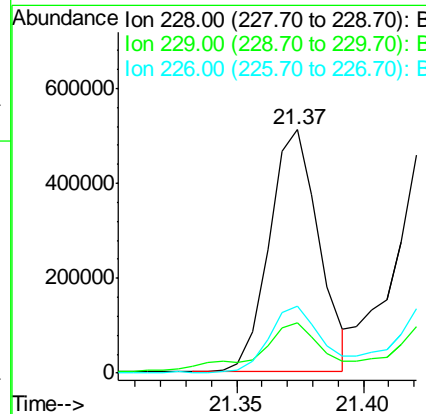
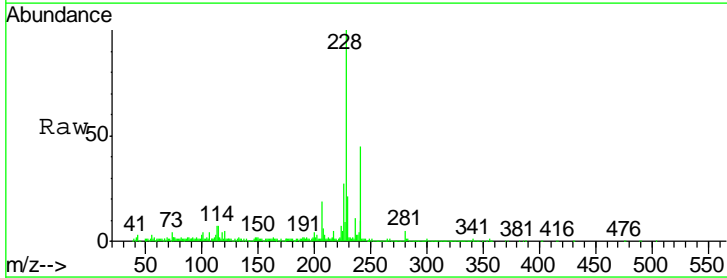
Ion	Ratio	Lower	Upper
202	100		
101	9.3	5.1	7.7#
100	7.6	4.9	7.3#

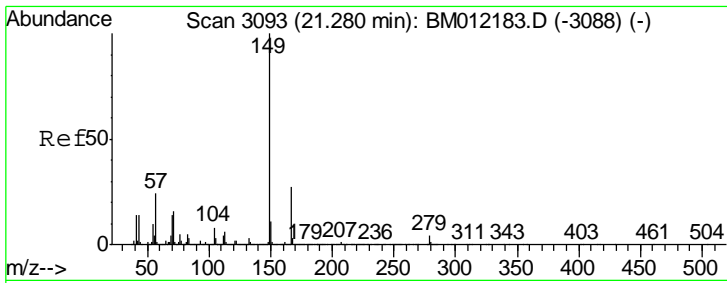


#80
 Benzo(a)anthracene
 Concen: 7.98 ng/ul
 RT: 21.37 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: BM012186.D
 Acq: 15 Oct 2017 00:41

Tgt Ion: 228 Resp: 694399

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	27.5	21.4	32.0

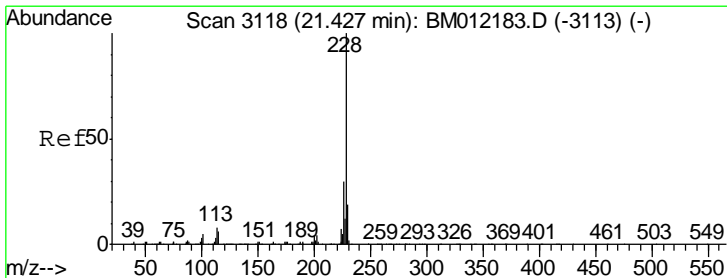
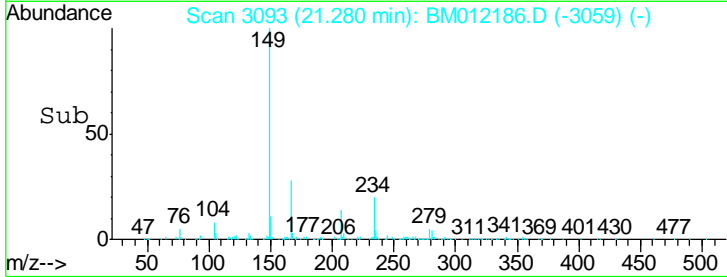
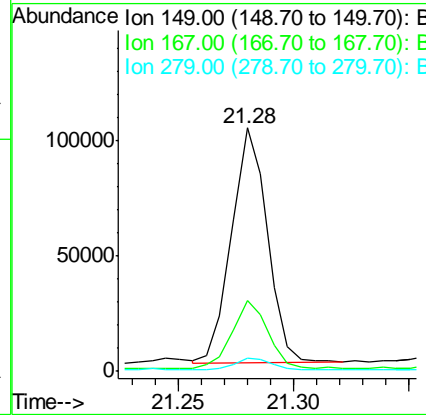
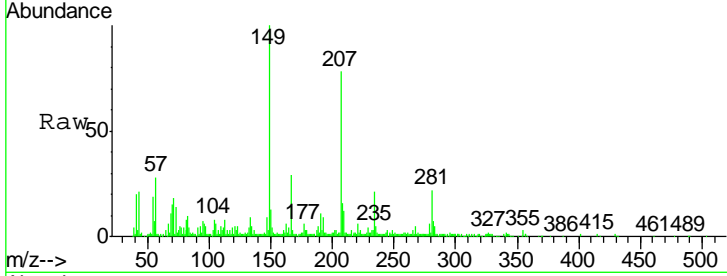




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.86 ng/ul
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BM012186.D
 Acq: 15 Oct 2017 00:41

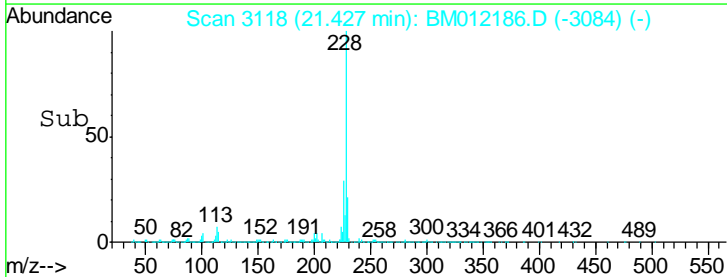
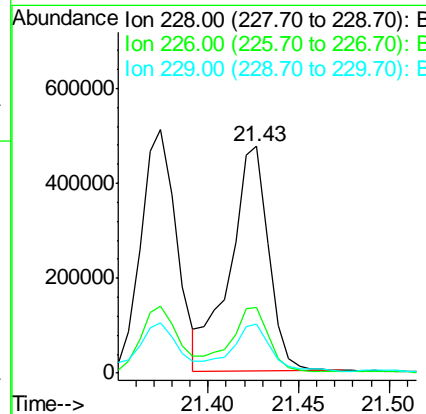
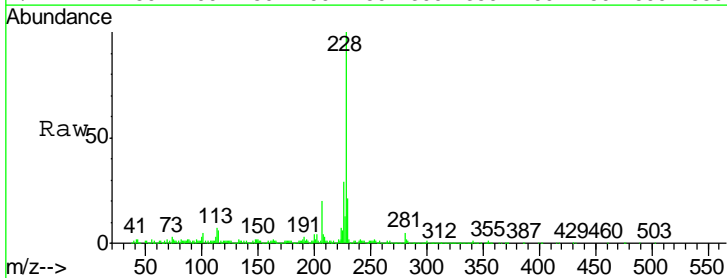
Instrument :
 BNA_M
 ClientSampled :
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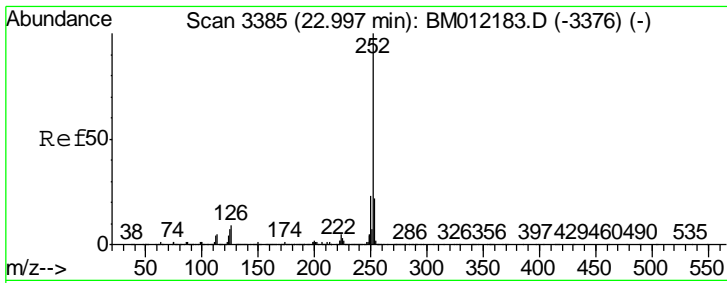
Tgt Ion	Resp	Lower	Upper
149	109567		
167	29.3	22.8	34.2
279	5.6	4.9	7.3



#82
 Chrysene
 Concen: 8.55 ng/ul
 RT: 21.43 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BM012186.D
 Acq: 15 Oct 2017 00:41

Tgt Ion	Resp	Lower	Upper
228	698124		
226	29.0	23.4	35.2
229	21.4	15.5	23.3

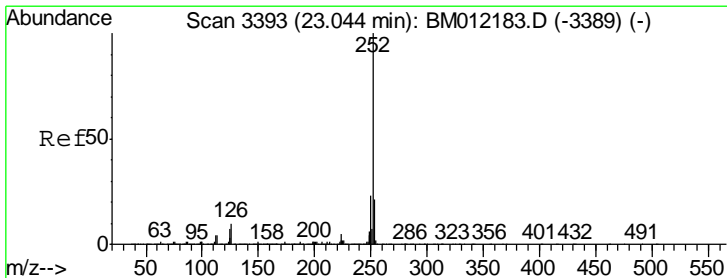
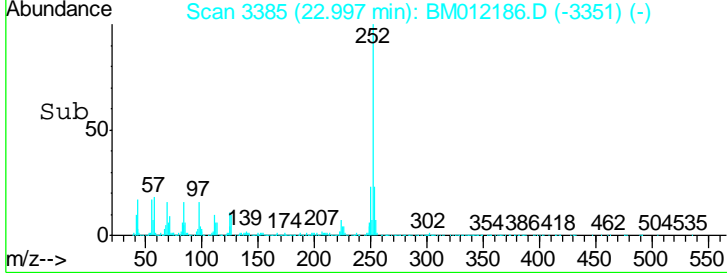
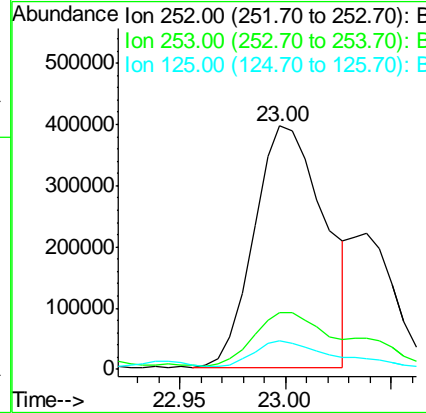
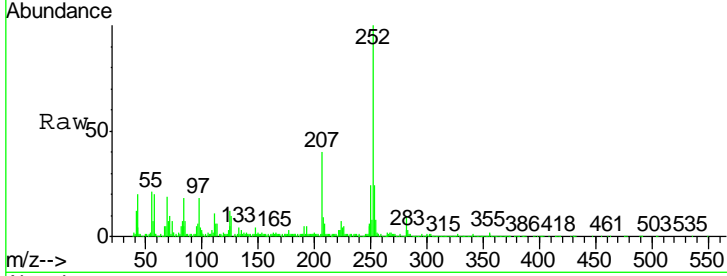




#85
 Benzo(b)fluoranthene
 Concen: 11.69 ng/ul
 RT: 23.00 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: BM012186.D
 Acq: 15 Oct 2017 00:41

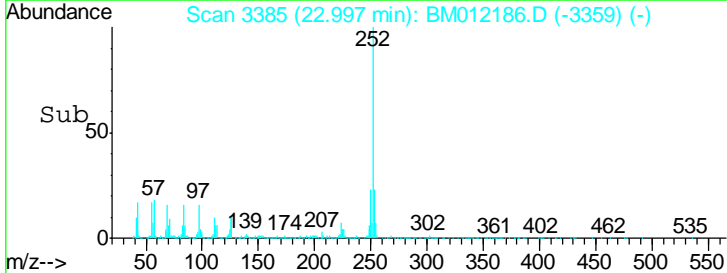
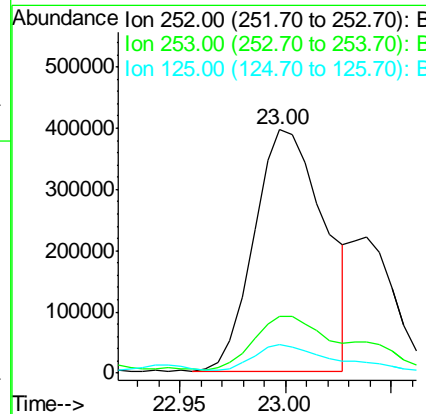
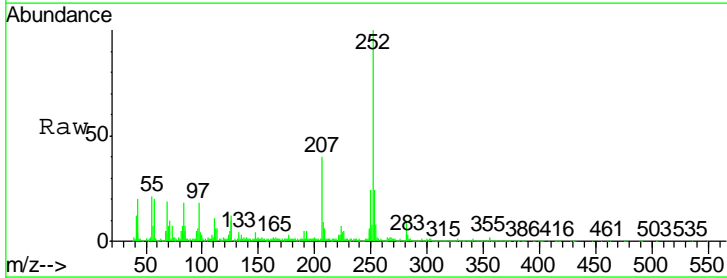
Instrument :
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 ClientSampled :
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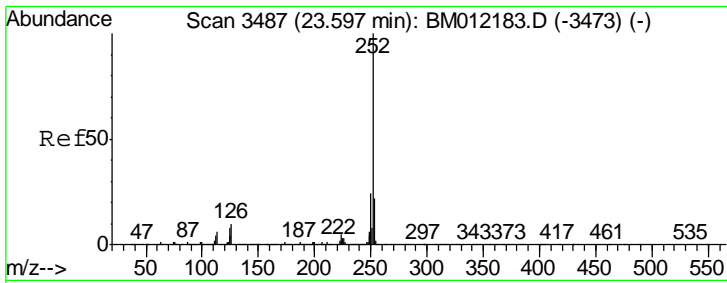
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	11.6	3.6	5.4#



#86
 Benzo(k)fluoranthene
 Concen: 12.14 ng/ul
 RT: 23.00 min Scan# 3385
 Delta R.T. -0.05 min
 Lab File: BM012186.D
 Acq: 15 Oct 2017 00:41

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	11.6	3.4	5.2#

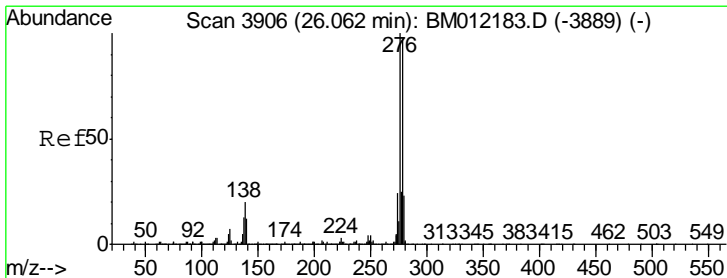
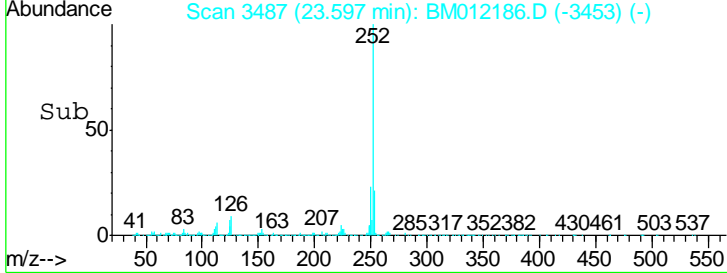
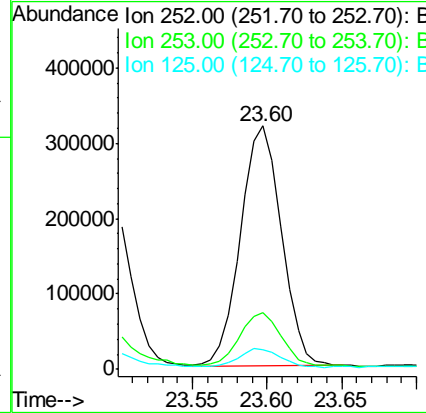
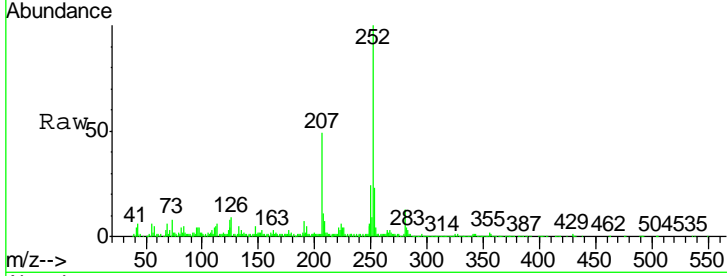




#88
 Benzo(a)pyrene
 Concen: 8.27 ng/ul
 RT: 23.60 min Scan# 3487
 Delta R.T. -0.00 min
 Lab File: BM012186.D
 Acq: 15 Oct 2017 00:41

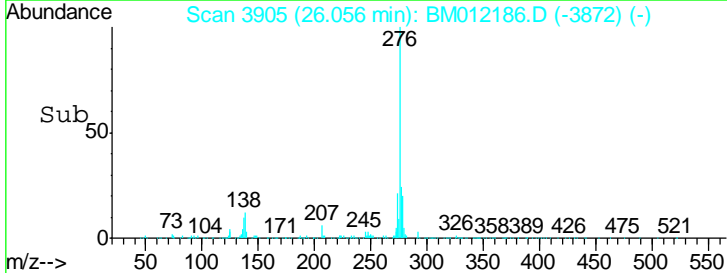
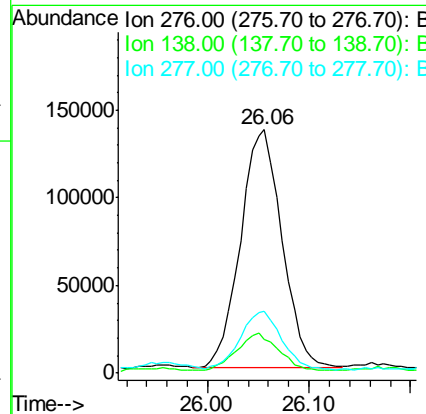
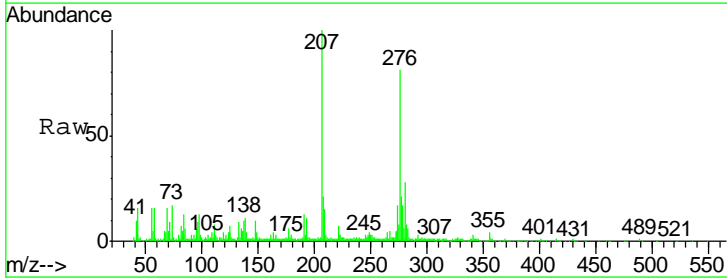
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 ClientSampled :
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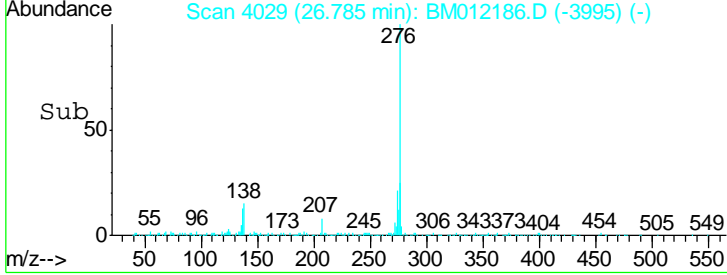
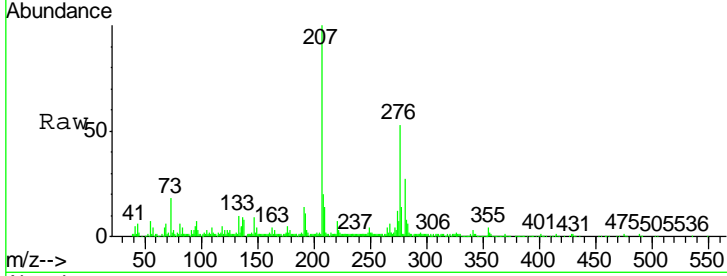
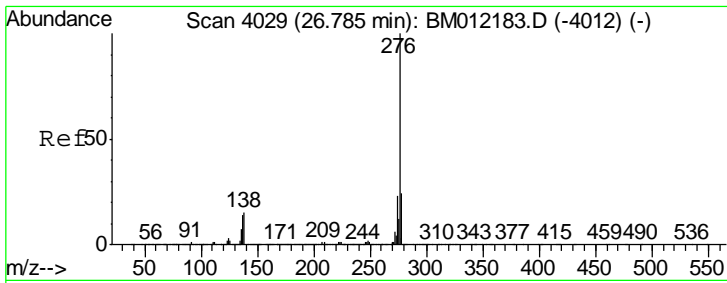
Tgt Ion	Resp	Lower	Upper
252	607854		
253	100	18.2	27.2
125	8.1	4.0	6.0#



#89
 Indeno(1,2,3-cd)pyrene
 Concen: 4.96 ng/ul
 RT: 26.06 min Scan# 3905
 Delta R.T. -0.01 min
 Lab File: BM012186.D
 Acq: 15 Oct 2017 00:41

Tgt Ion	Resp	Lower	Upper
276	387148		
138	100	9.3	13.9
277	13.8	19.9	29.9





#91
 Benzo(a,h,i)perylene
 Concen: 4.81 ng/ul
 RT: 26.79 min Scan# 4029
 Delta R.T. -0.00 min
 Lab File: BM012186.D
 Acq: 15 Oct 2017 00:41

Instrument :
 BNA_M
 ClientSampled :
 C0AC1

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.3	8.5	12.7#
277	26.6	18.6	28.0

