

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
 Data File : BM004623.D
 Acq On : 16 Mar 2016 07:00
 Operator : UM/SJ
 Sample : H1779-12 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCA10

Manual Integrations
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 3/16/2016 1:49:55 PM

Quant Time: Mar 16 12:38:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 16 07:32:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	60209	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	263358	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	151424	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	339369	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	391099	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	389292	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.34	96	996	0.57	ng/uL	0.00
5) Phenol-d5	7.00	99	17908	3.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	11686	4.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	15338	3.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	13197	3.31	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	5381	2.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	5199	2.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	12688	3.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	17377	3.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	42378	3.58	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	49379	3.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	2437	1.07	ng/ul	0.00
58) Fluorene-d10	15.47	176	42696	4.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	1969	1.10	ng/ul	0.00
71) Anthracene-d10	17.32	188	65309m	4.18	ng/ul	0.00
79) Pyrene-d10	19.61	212	78173	4.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	84188	4.84	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	13.93	163	18513	1.54	ng/ul	100
77) Fluoranthene	19.27	202	109317	5.11	ng/ul	98
80) Pyrene	19.64	202	125512	5.30	ng/ul	98
83) Benzo(a)anthracene	21.39	228	107332	4.70	ng/ul	99
85) Chrysene	21.44	228	123486	5.66	ng/ul	99
88) Benzo(b)fluoranthene	23.01	252	226986	9.78	ng/ul	99
89) Benzo(k)fluoranthene	23.05	252	72462m	3.28	ng/ul	
91) Benzo(a)pyrene	23.60	252	158175	7.11	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.03	276	122002	4.88	ng/ul	95
93) Dibenzo(a,h)anthracene	26.03	278	30739m	1.49	ng/ul	
94) Benzo(g,h,i)perylene	26.74	276	125174	5.91	ng/ul	99

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

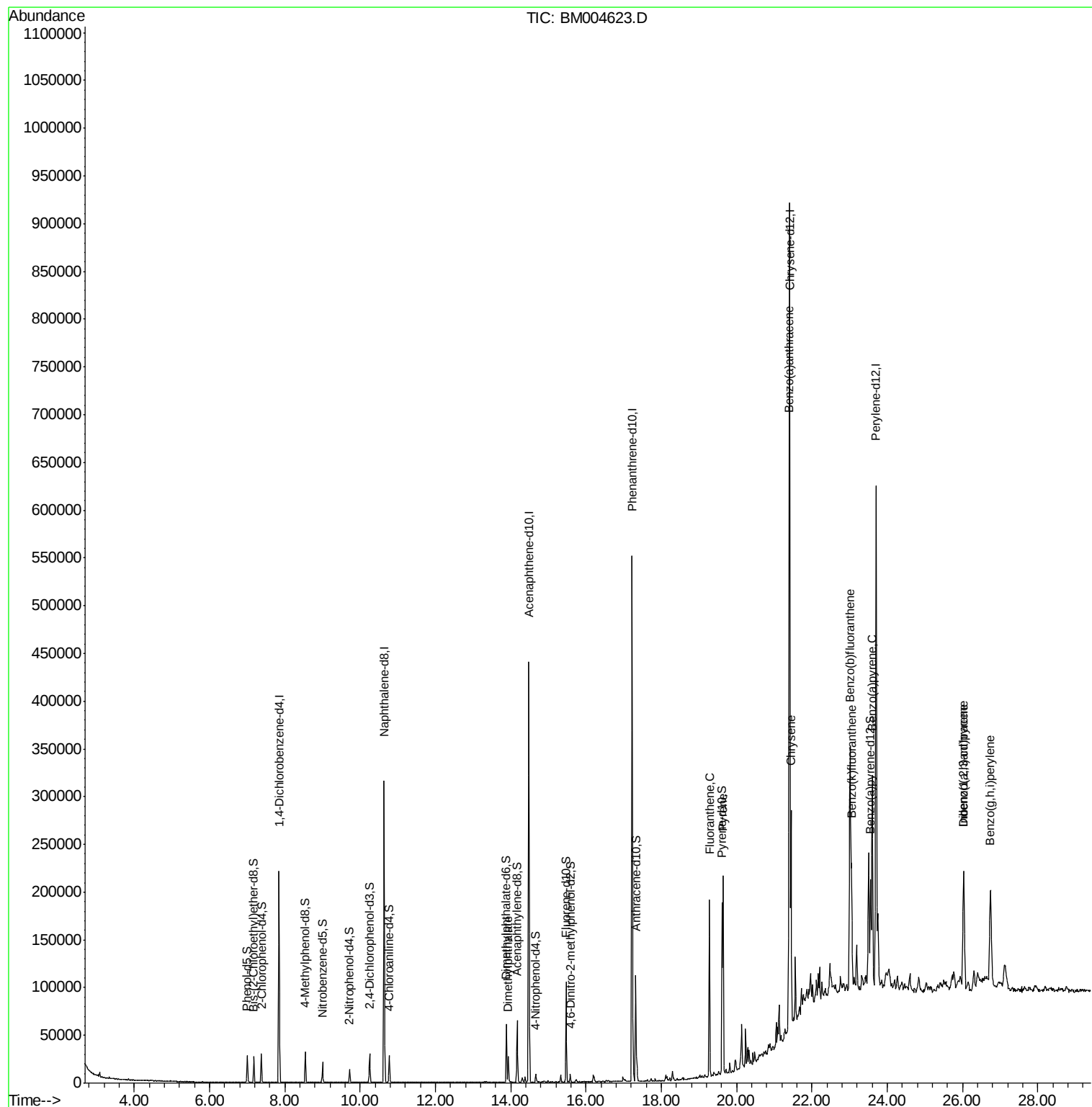
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
Data File : BM004623.D
Acq On : 16 Mar 2016 07:00
Operator : UM/SJ
Sample : H1779-12 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

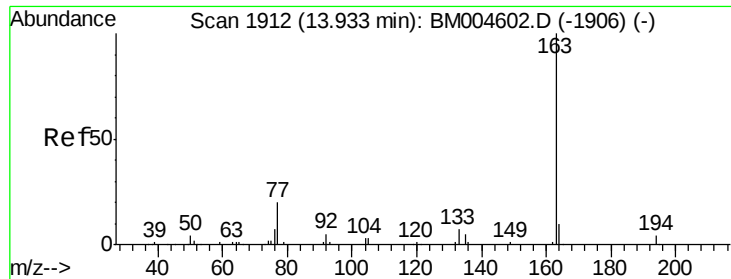
Instrument :
BNA_M
ClientSampled :
BCA10

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Quant Time: Mar 16 12:38:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
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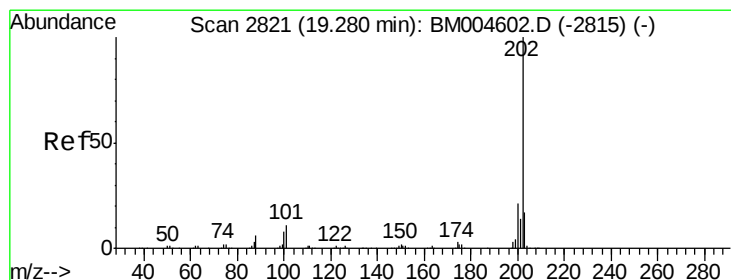
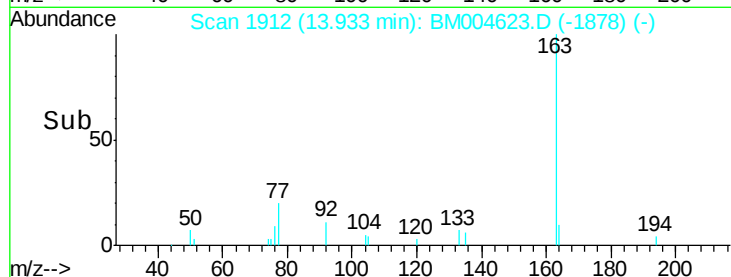
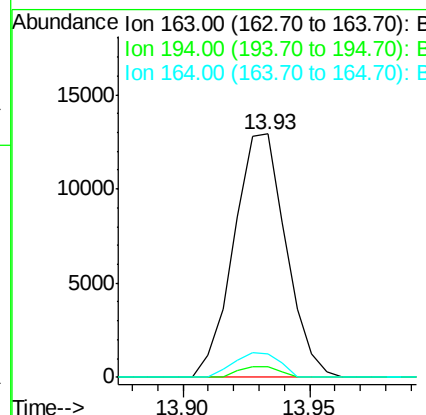
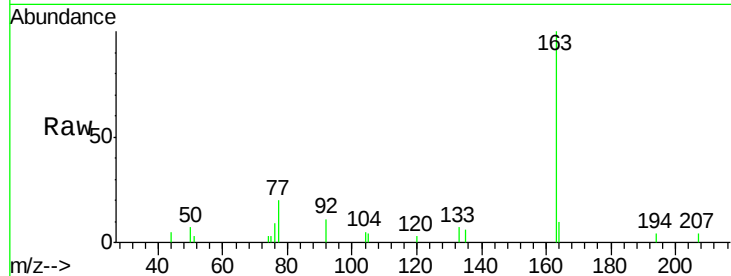
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Dimethylphthalate
Concen: 1.54 ng/ul
RT: 13.93 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM004623.D
Acq: 16 Mar 2016 07:00

Instrument :
BNA_M
ClientSampleId :
BCA10

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	3.2	4.8
164	9.8	7.8	11.8

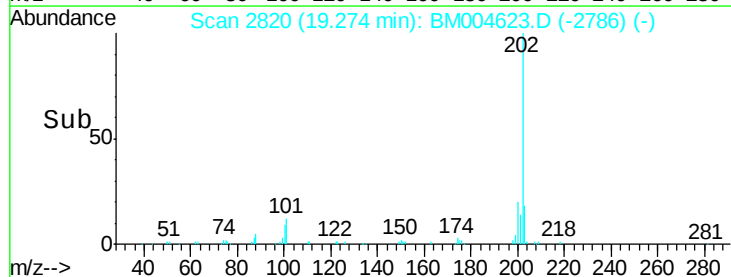
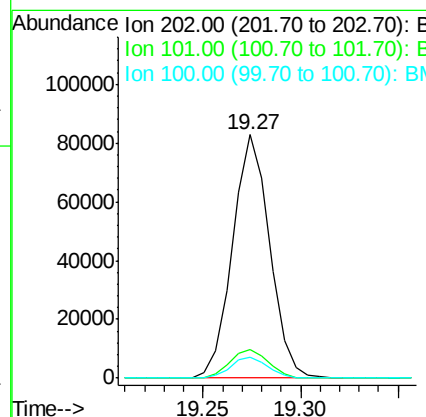
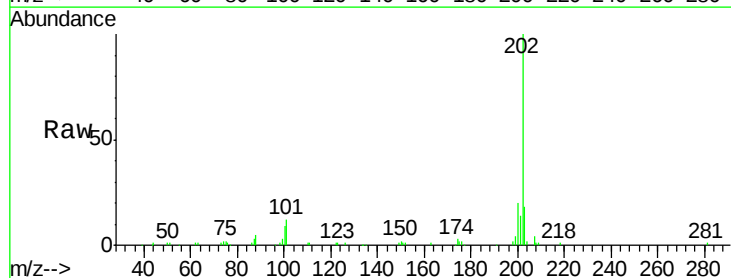
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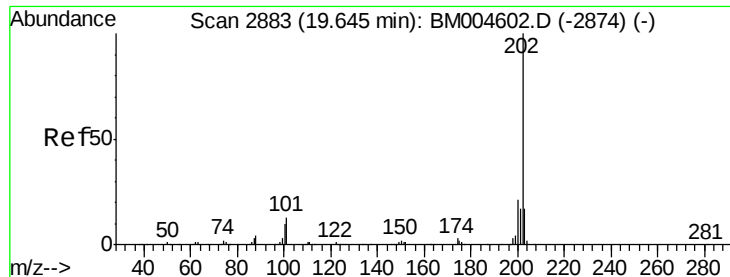
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#77
Fluoranthene
Concen: 5.11 ng/ul
RT: 19.27 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BM004623.D
Acq: 16 Mar 2016 07:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.0	8.8	13.2
100	8.8	6.6	9.8





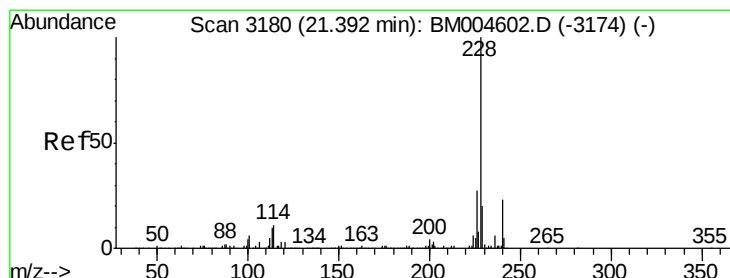
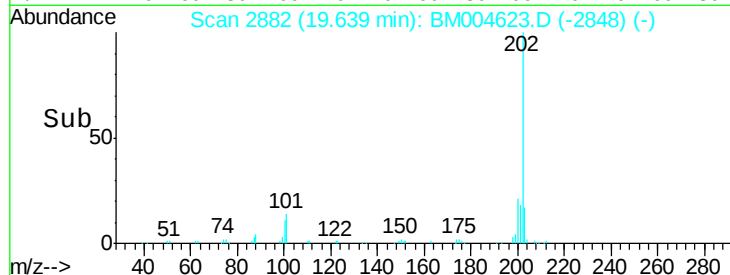
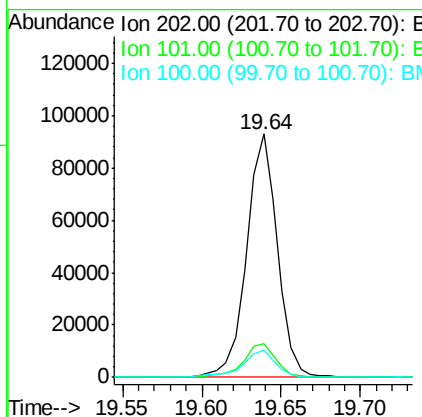
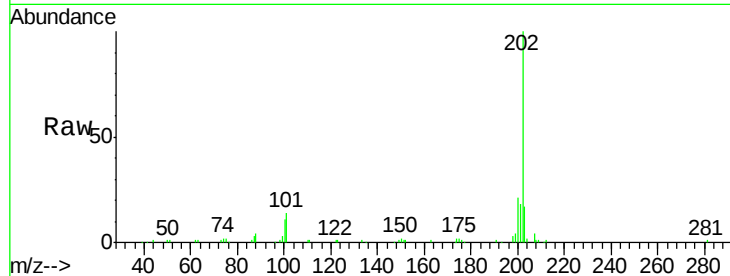
#80
Pyrene
Concen: 5.30 ng/ul
RT: 19.64 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BM004623.D
Acq: 16 Mar 2016 07:00

Instrument :
BNA_M
ClientSampleId :
BCA10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	125512		
101	13.8	10.2	15.2	
100	11.1	8.5	12.7	

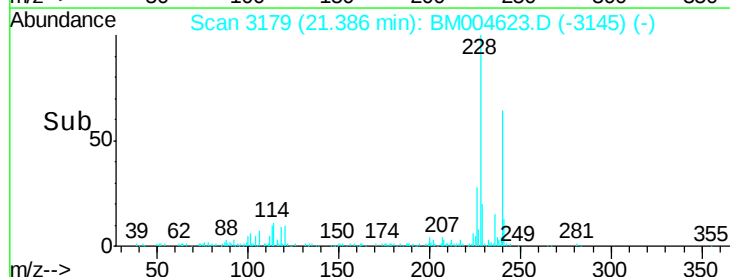
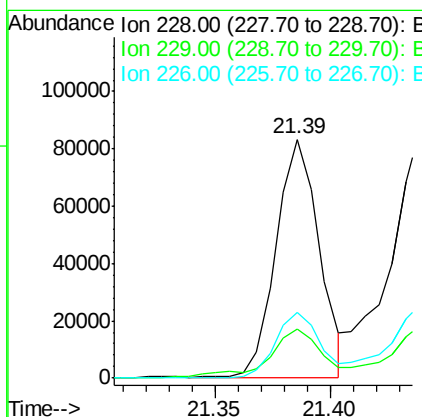
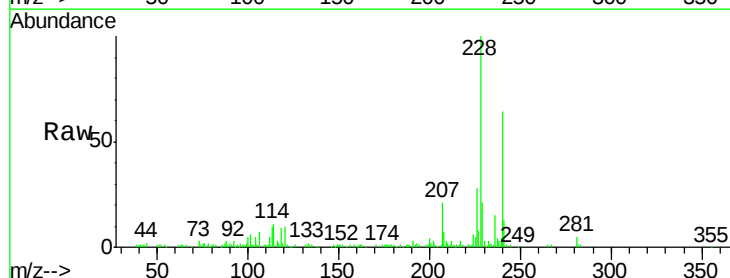
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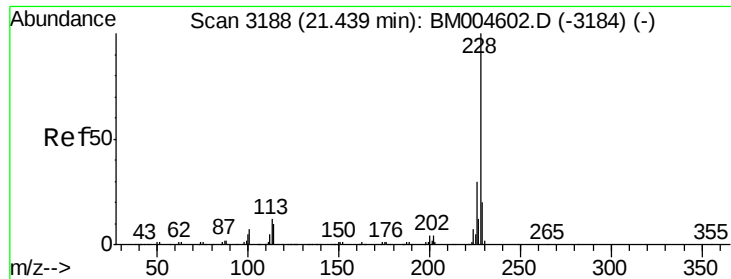
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#83
Benzo(a)anthracene
Concen: 4.70 ng/ul
RT: 21.39 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BM004623.D
Acq: 16 Mar 2016 07:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	107332		
229	20.6	15.7	23.5	
226	27.6	21.8	32.6	





#85

Chrysene

Concen: 5.66 ng/ul

RT: 21.44 min Scan# 3188

Delta R.T. 0.00 min

Lab File: BM004623.D

Acq: 16 Mar 2016 07:00

Instrument :

BNA_M

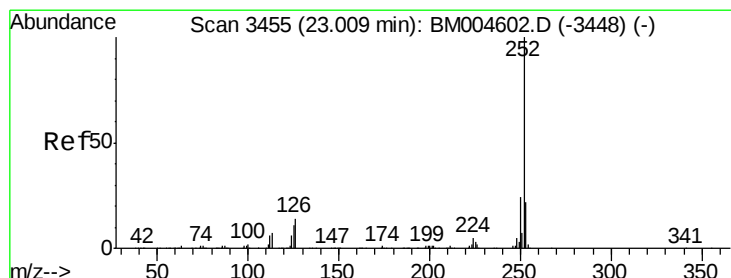
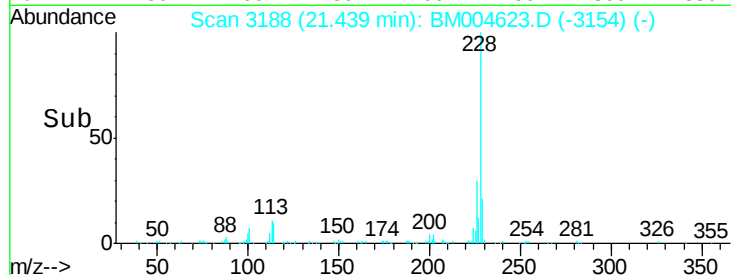
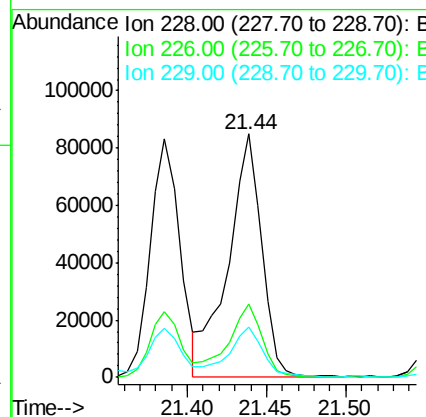
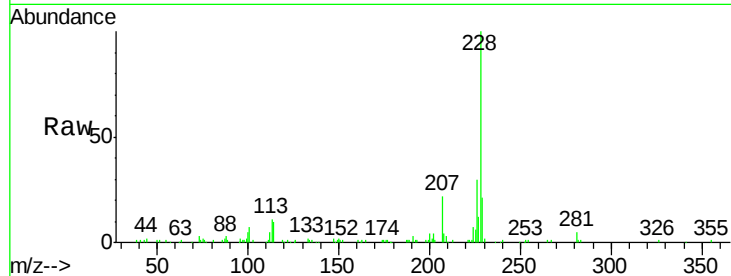
ClientSampled :

BCA10

Tgt Ion:	228	Resp:	123486
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.0	36.0
229	20.9	15.6	23.4

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#88

Benzo(b)fluoranthene

Concen: 9.78 ng/ul

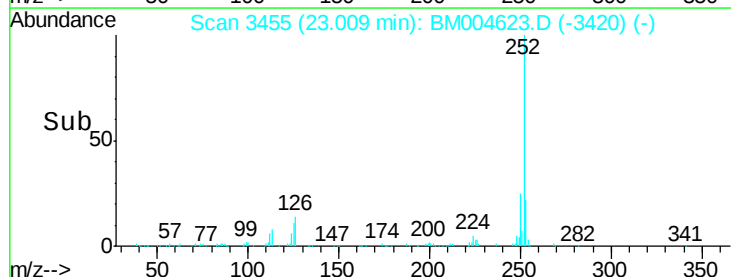
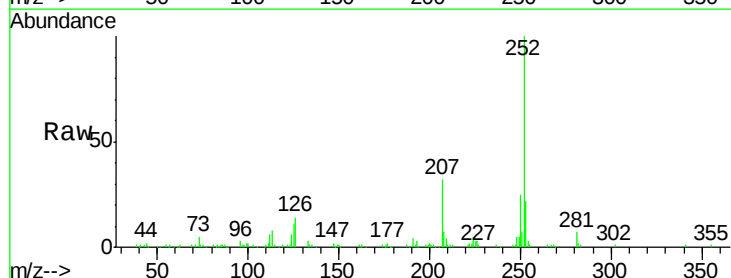
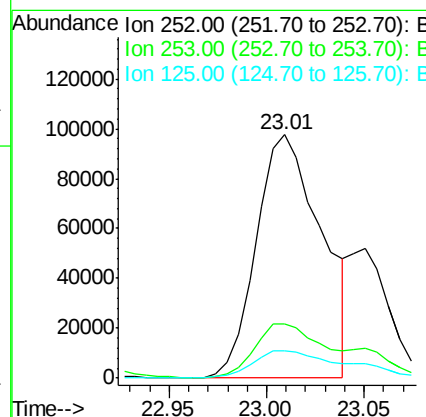
RT: 23.01 min Scan# 3455

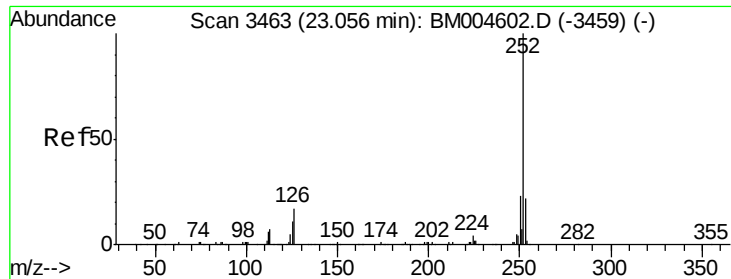
Delta R.T. 0.01 min

Lab File: BM004623.D

Acq: 16 Mar 2016 07:00

Tgt Ion:	252	Resp:	226986
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	11.5	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 3.28 ng/ul m

RT: 23.05 min Scan# 3462

Delta R.T. 0.00 min

Lab File: BM004623.D

Acq: 16 Mar 2016 07:00

Instrument :

BNA_M

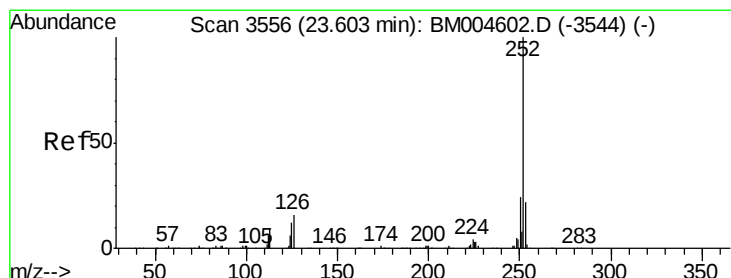
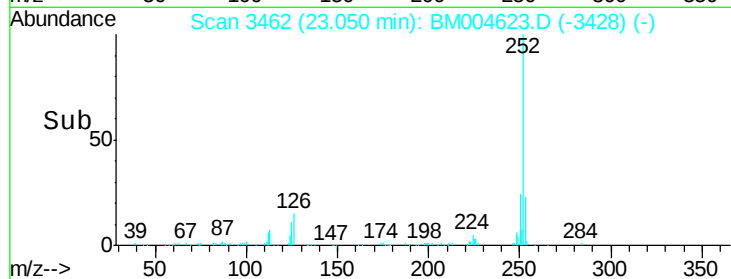
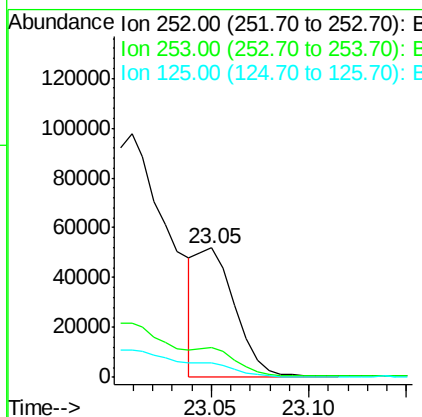
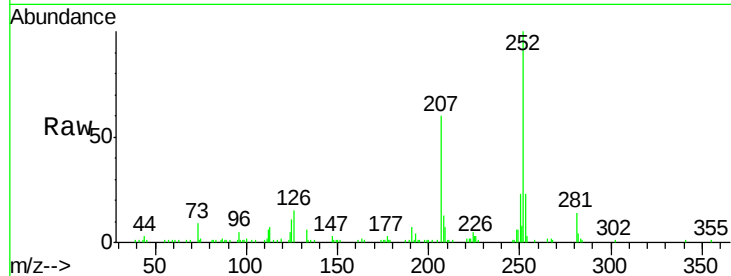
ClientSampleId :

BCA10

Tgt Ion:	252	Resp:	72462
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.3	25.9
125	11.5	8.2	12.2

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#91

Benzo(a)pyrene

Concen: 7.11 ng/ul

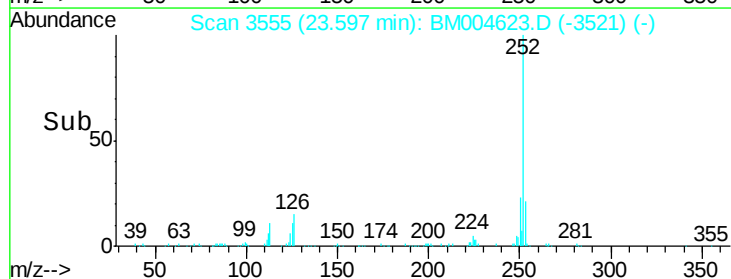
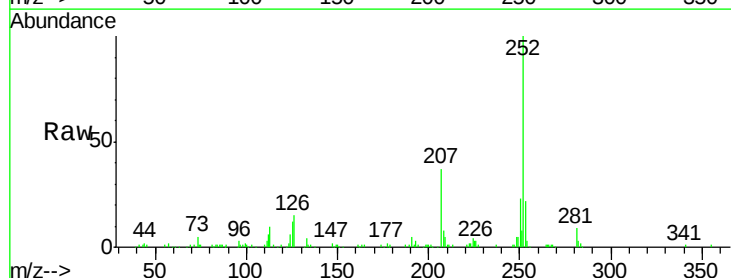
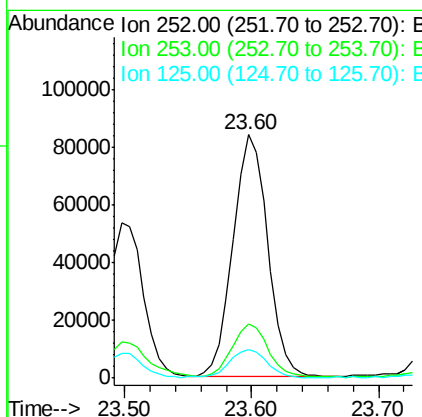
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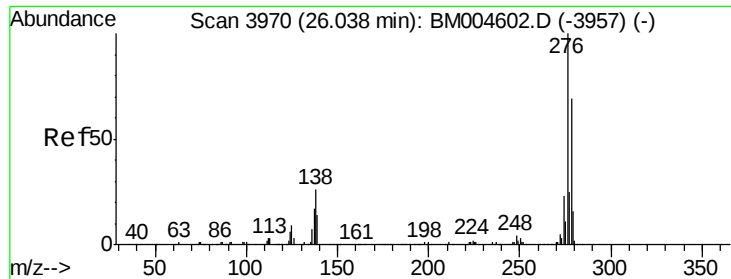
Delta R.T. 0.00 min

Lab File: BM004623.D

Acq: 16 Mar 2016 07:00

Tgt Ion:	252	Resp:	158175
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.2	25.8
125	11.5	9.0	13.6





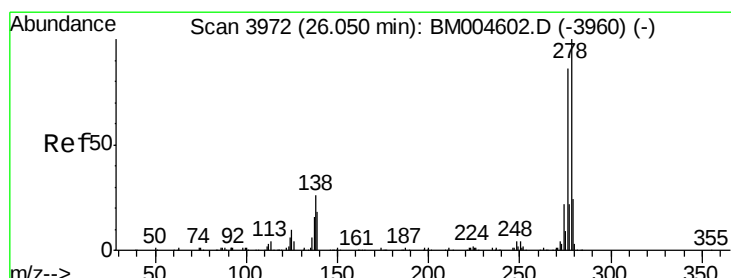
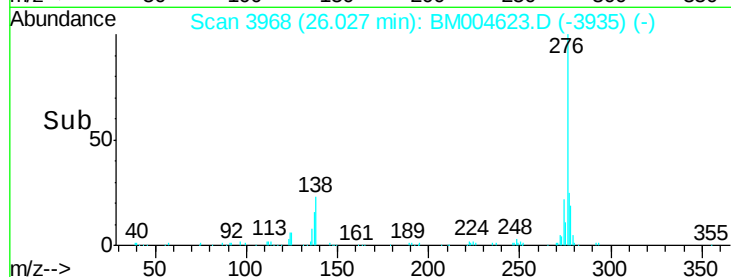
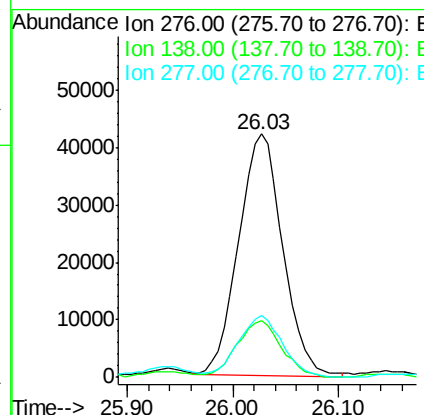
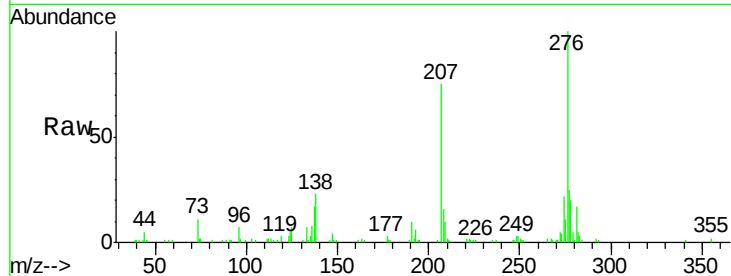
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 4.88 ng/ul
 RT: 26.03 min Scan# 3968
 Delta R.T. -0.01 min
 Lab File: BM004623.D
 Acq: 16 Mar 2016 07:00

Instrument :
 BNA_M
 ClientSampled :
 BCA10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	22.3	33.5
277	25.3	20.2	30.2

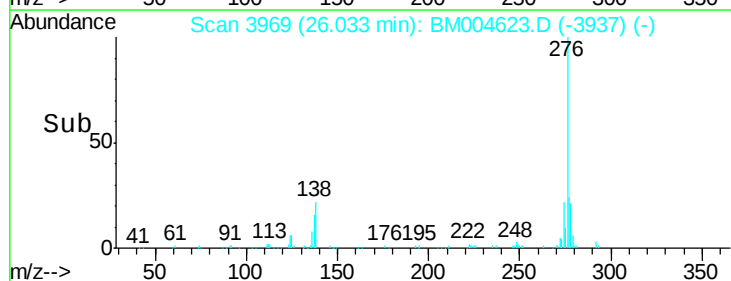
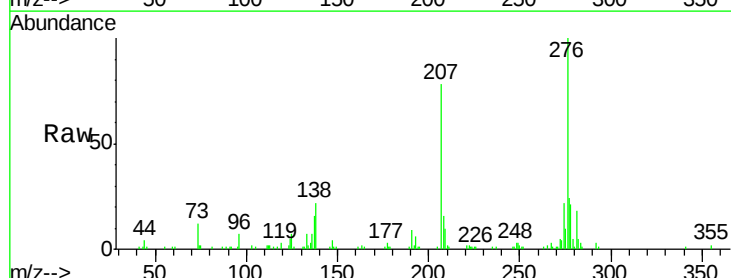
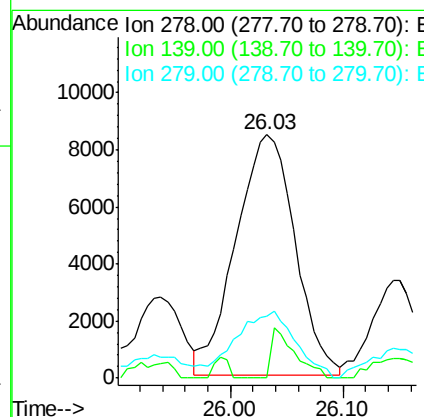
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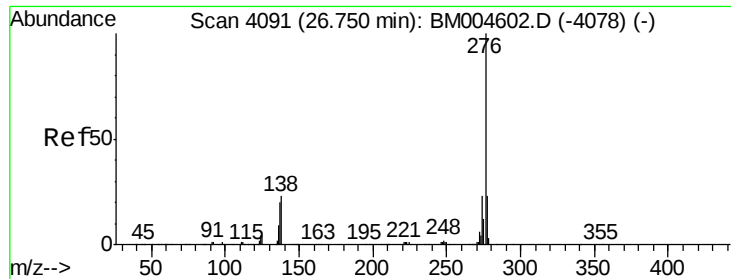
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#93
 Dibenzo(a,h)anthracene
 Concen: 1.49 ng/ul m
 RT: 26.03 min Scan# 3969
 Delta R.T. -0.01 min
 Lab File: BM004623.D
 Acq: 16 Mar 2016 07:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	25.5	19.0	28.4





#94

Benzo(g,h,i)perylene

Concen: 5.91 ng/ul

RT: 26.74 min Scan# 4089

Delta R.T. -0.01 min

Lab File: BM004623.D

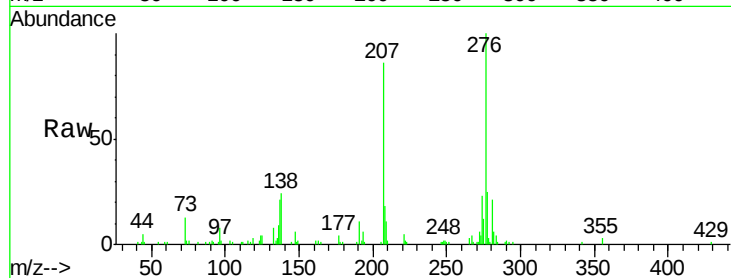
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Instrument :

BNA_M

ClientSampleId :

BCA10



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	24.1	18.9	28.3	
277	24.7	19.2	28.8	

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