

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
 Data File : BM004030.D
 Acq On : 15 Jan 2016 02:30
 Operator : SJ/UM
 Sample : H1099-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9D7

Manual Integrations
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Quant Time: Jan 15 13:22:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 00:28:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	42264	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	201075	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	117841	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	260409	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	231811	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	197268	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3068	3.25	ng/uL	0.00
5) Phenol-d5	6.85	99	78948	22.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	46696	23.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	67809	23.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	36677	12.90	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	34012	22.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	37303	22.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	63034	21.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	43035	11.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	218199	23.59	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	271365	24.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	31261	18.81	ng/ul	0.00
58) Fluorene-d10	15.32	176	196119	24.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	18717	12.75	ng/ul	0.00
71) Anthracene-d10	17.17	188	287107	23.84	ng/ul	0.00
79) Pyrene-d10	19.47	212	315487	26.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	243185	24.68	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.87	94	4061	1.10 ng/ul	91
14) Acetophenone	8.49	105	10372	2.34 ng/ul	98
45) Dimethylphthalate	13.77	163	82834	8.78 ng/ul	99
48) Acenaphthylene	14.04	152	13993	1.13 ng/ul	99
50) Acenaphthene	14.39	153	10118	1.24 ng/ul	98
59) Fluorene	15.37	166	14332	1.58 ng/ul	97
70) Phenanthrene	17.12	178	235580	16.09 ng/ul	99
72) Anthracene	17.20	178	61556	4.10 ng/ul	99
75) Carbazole	17.48	167	18753	1.42 ng/ul	97
77) Fluoranthene	19.14	202	421704	27.71 ng/ul	98
80) Pyrene	19.50	202	425452	27.04 ng/ul	98
83) Benzo(a)anthracene	21.26	228	191437	13.87 ng/ul	98
85) Chrysene	21.31	228	201720	15.38 ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	193718	16.15 ng/ul	98
89) Benzo(k)fluoranthene	22.88	252	70255m	6.16 ng/ul	
91) Benzo(a)pyrene	23.41	252	144047	12.67 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	87746	6.97 ng/ul	95
93) Dibenzo(a,h)anthracene	25.76	278	25931	2.45 ng/ul#	79
94) Benzo(g,h,i)perylene	26.45	276	73285	6.94 ng/ul	98

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

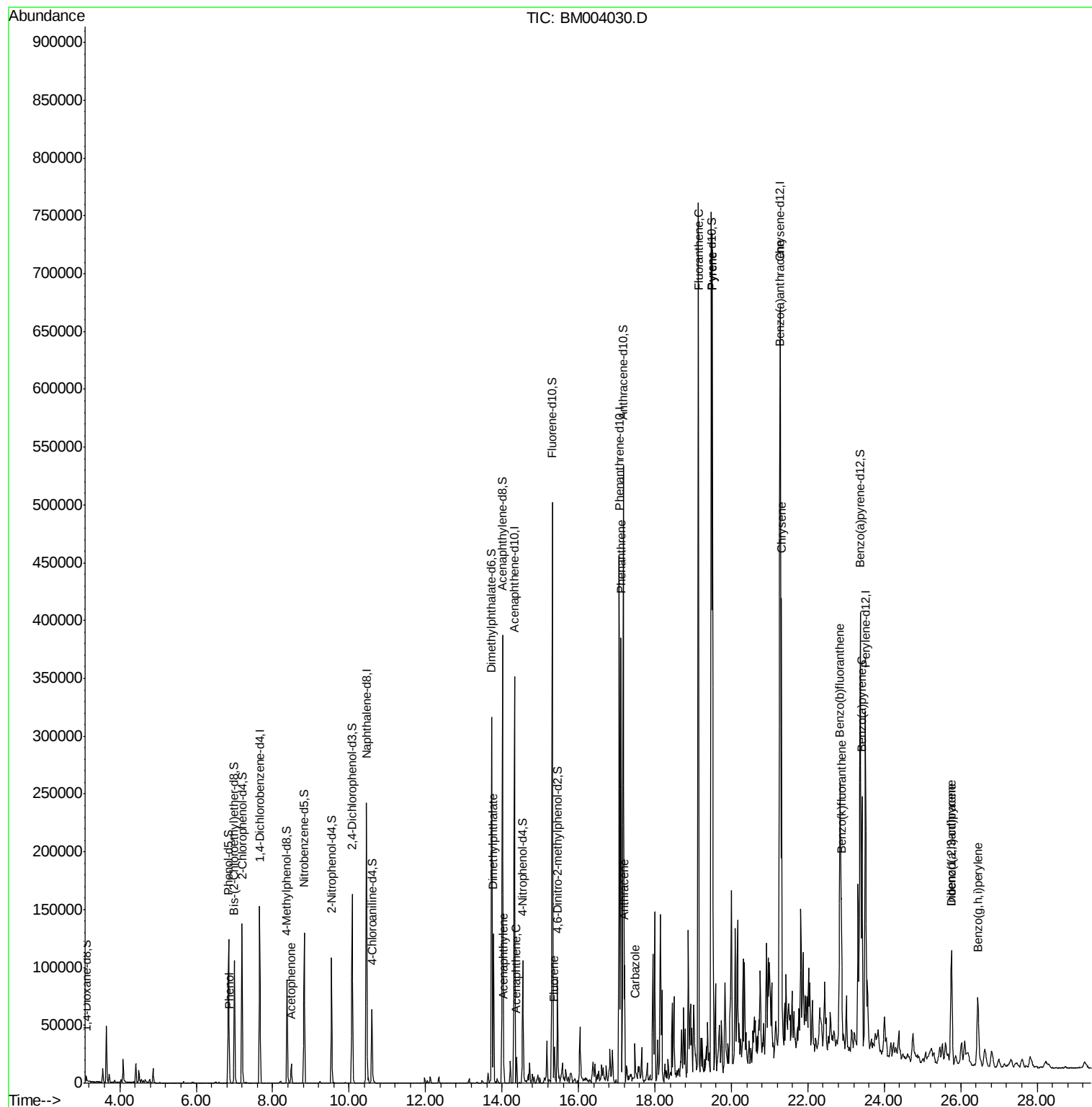
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
Data File : BM004030.D
Acq On : 15 Jan 2016 02:30
Operator : SJ/UM
Sample : H1099-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

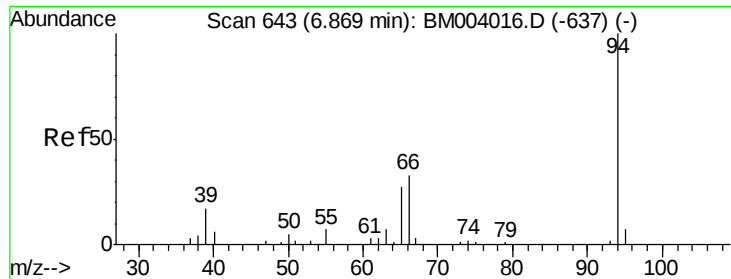
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jan 15 13:22:19 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 00:28:21 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.10 ng/ul

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM004030.D

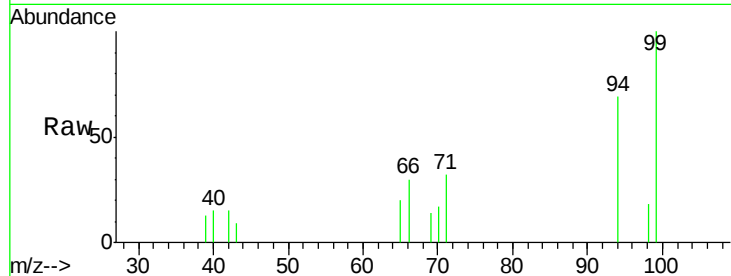
Acq: 15 Jan 2016 02:30

Instrument :

BNA_M

ClientSampled :

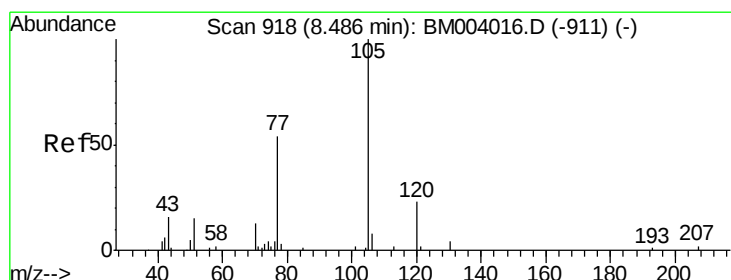
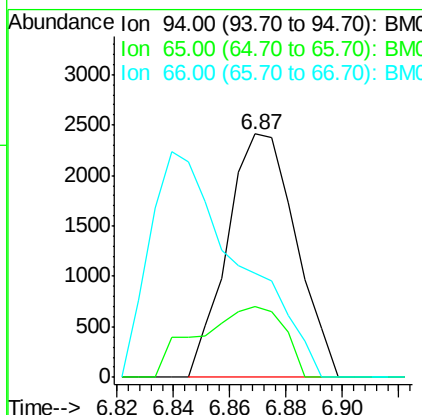
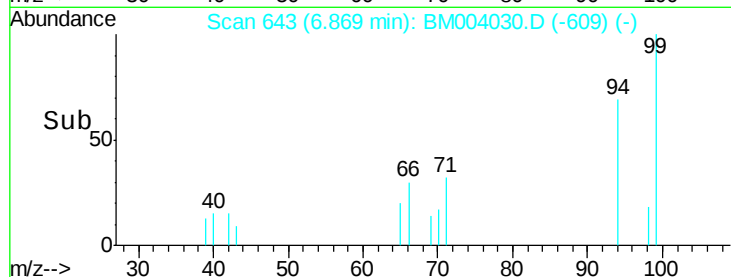
BC9D7



Tgt Ion:	94	Resp:	4061
Ion Ratio	Lower	Upper	
94	100		
65	29.3	21.0	31.6
66	42.9	29.3	43.9

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#14

Acetophenone

Concen: 2.34 ng/ul

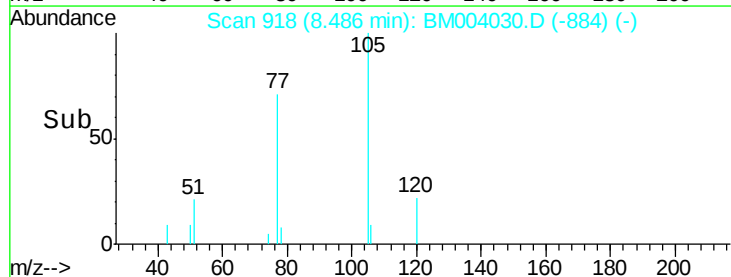
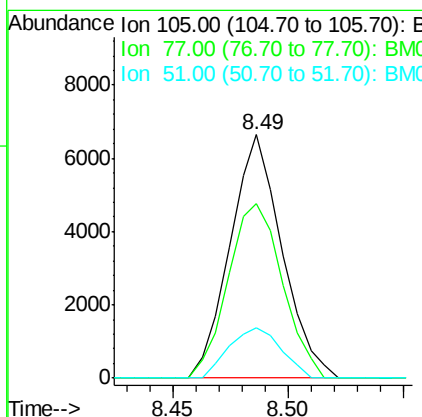
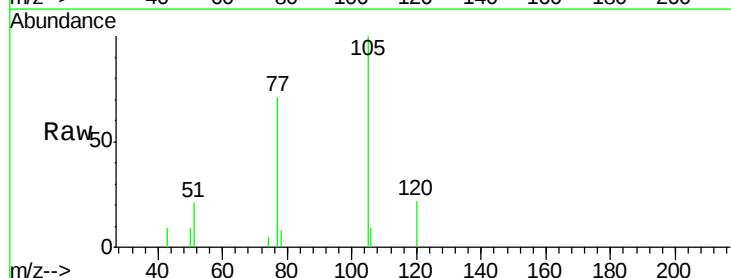
RT: 8.49 min Scan# 918

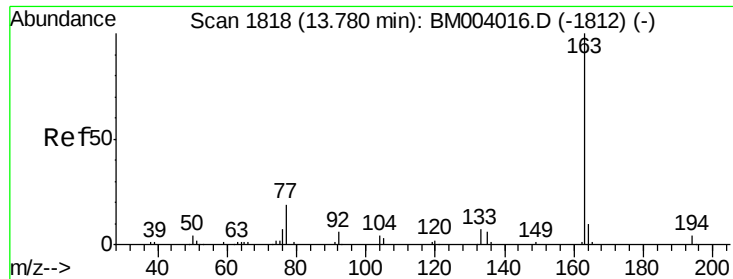
Delta R.T. 0.00 min

Lab File: BM004030.D

Acq: 15 Jan 2016 02:30

Tgt Ion:	105	Resp:	10372
Ion Ratio	Lower	Upper	
105	100		
77	71.5	59.0	88.4
51	20.9	16.4	24.6





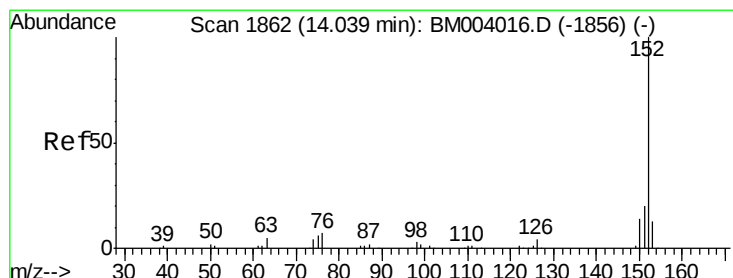
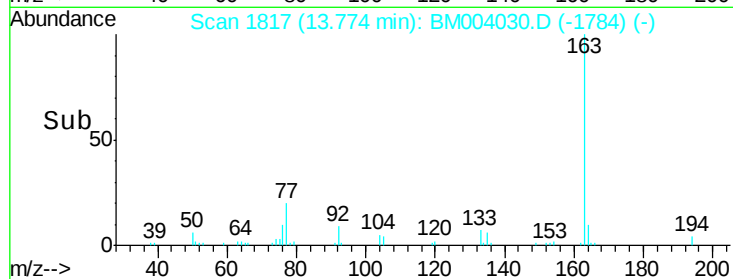
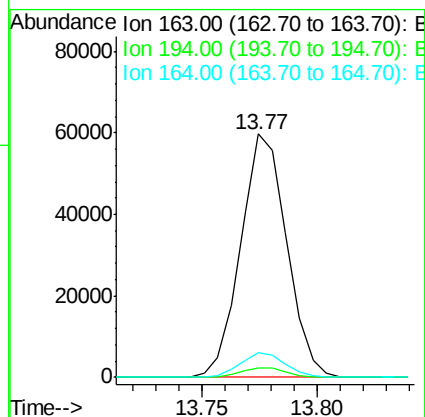
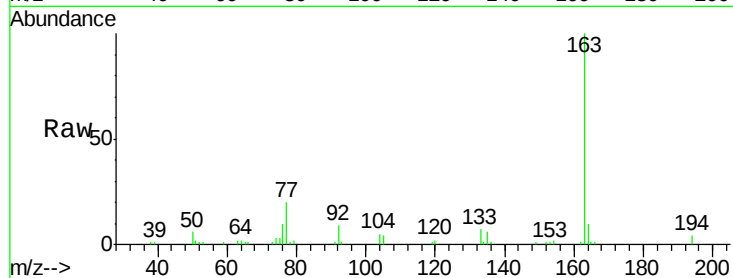
#45
Dimethylphthalate
Concen: 8.78 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM004030.D
Acq: 15 Jan 2016 02:30

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	82834		
194	3.6		3.2	4.8
164	10.3		7.8	11.8

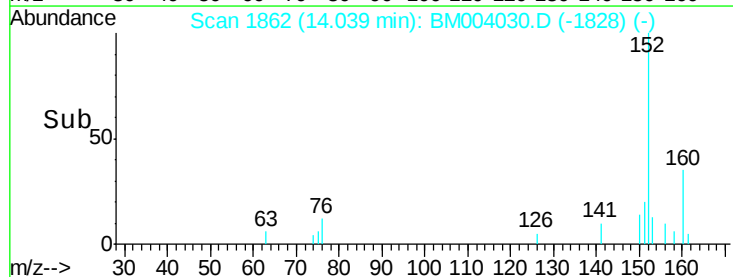
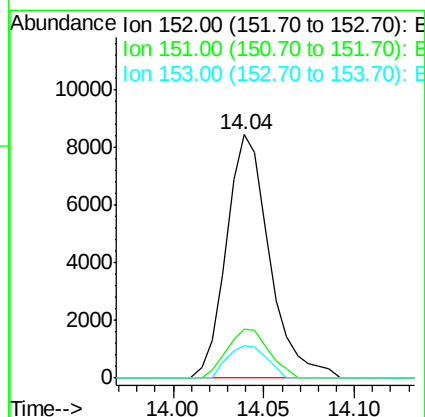
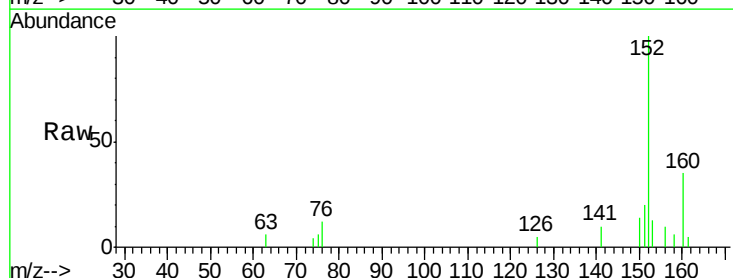
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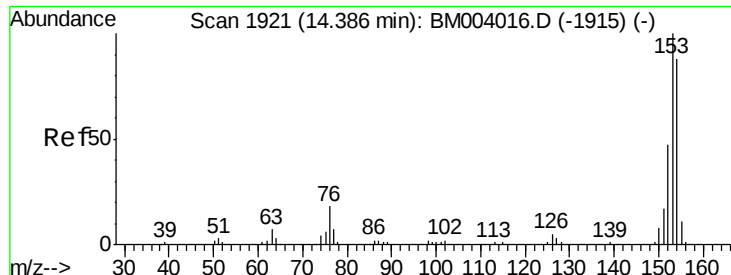
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#48
Acenaphthylene
Concen: 1.13 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BM004030.D
Acq: 15 Jan 2016 02:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	13993		
151	20.4		15.7	23.5
153	13.5		10.5	15.7





#50

Acenaphthene

Concen: 1.24 ng/ul

RT: 14.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BM004030.D

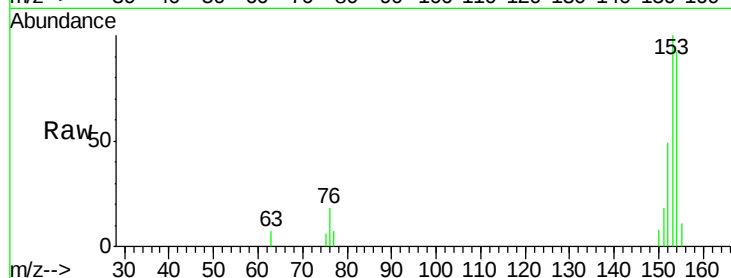
Acq: 15 Jan 2016 02:30

Instrument :

BNA_M

ClientSampleId :

BC9D7



Tgt Ion:153 Resp: 10118

Ion Ratio Lower Upper

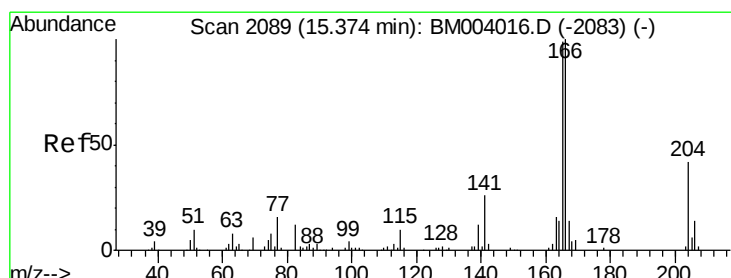
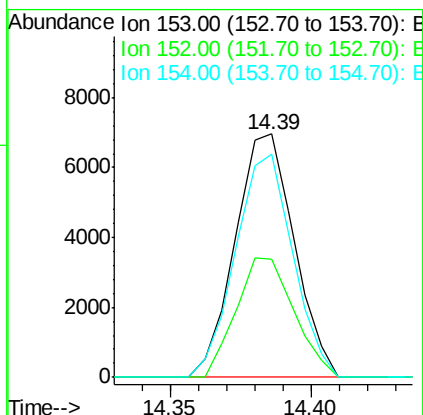
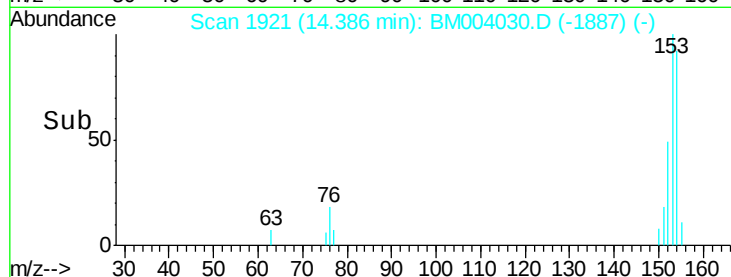
153 100

152 48.7 38.3 57.5

154 91.6 71.8 107.8

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#59

Fluorene

Concen: 1.58 ng/ul

RT: 15.37 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BM004030.D

Acq: 15 Jan 2016 02:30

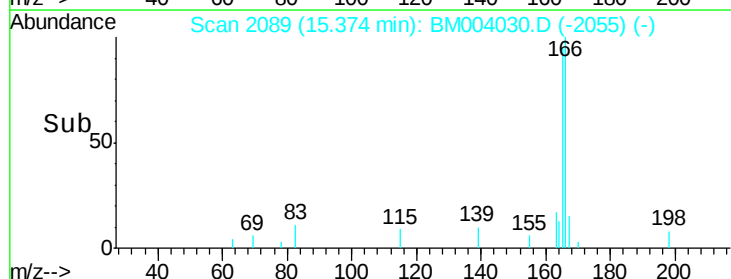
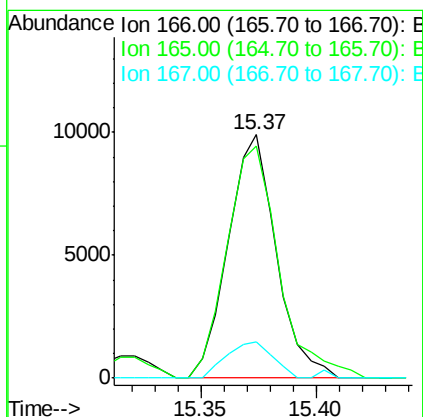
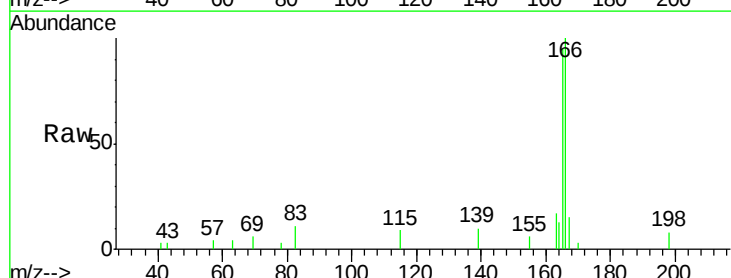
Tgt Ion:166 Resp: 14332

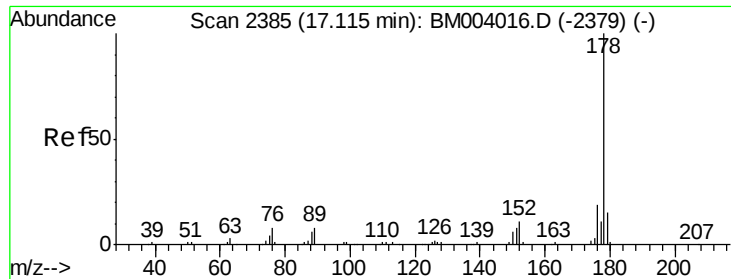
Ion Ratio Lower Upper

166 100

165 95.1 78.5 117.7

167 14.6 10.7 16.1





#70

Phenanthrene

Concen: 16.09 ng/ul

RT: 17.12 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM004030.D

Acq: 15 Jan 2016 02:30

Instrument :

BNA_M

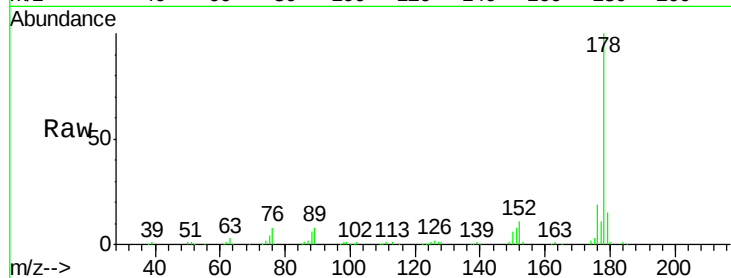
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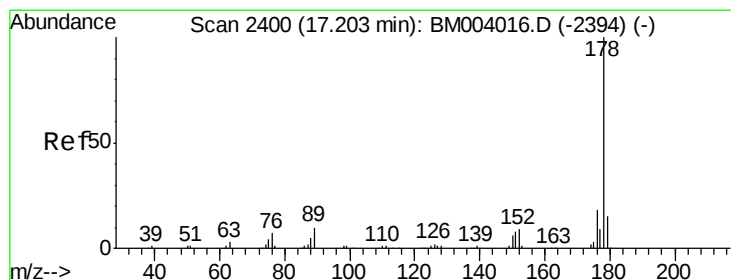
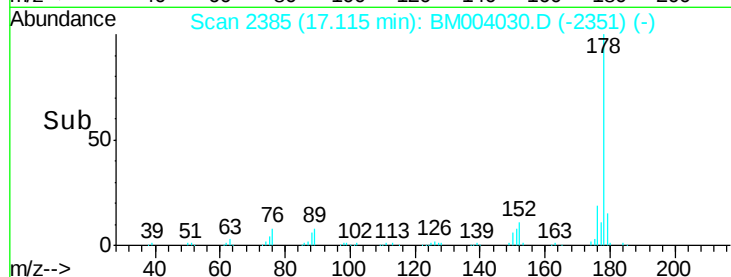
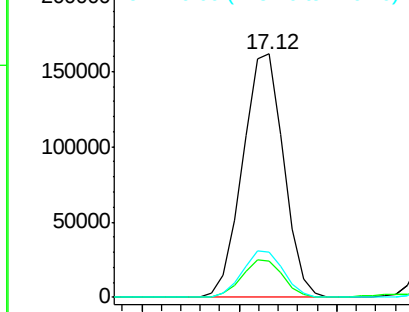
Tgt Ion:	178	Resp:	235580
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.2	18.4
176	18.8	15.6	23.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 4.10 ng/ul

RT: 17.20 min Scan# 2400

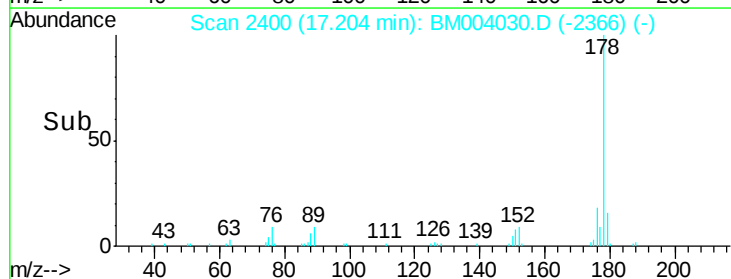
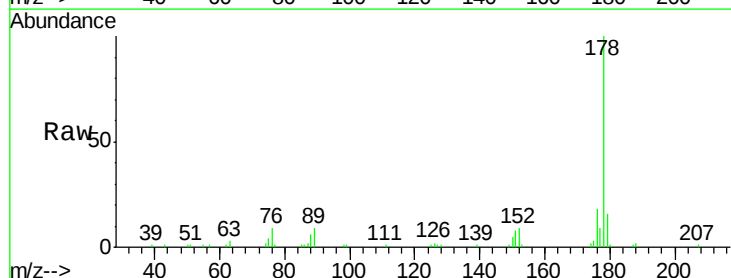
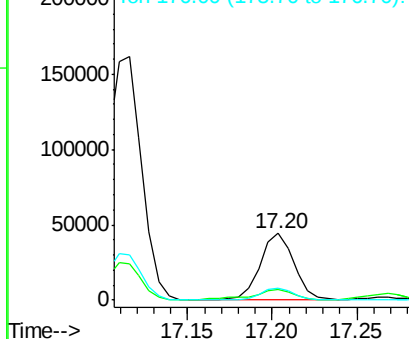
Delta R.T. 0.00 min

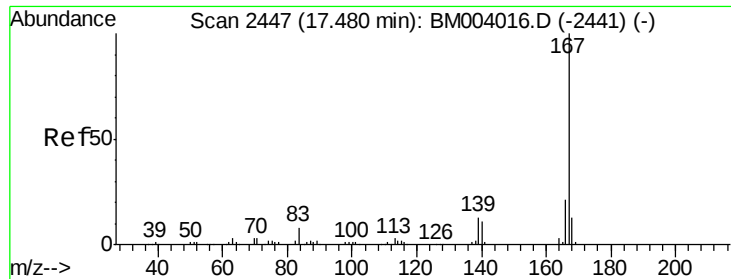
Lab File: BM004030.D

Acq: 15 Jan 2016 02:30

Tgt Ion:	178	Resp:	61556
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.1	18.1
176	18.2	14.8	22.2

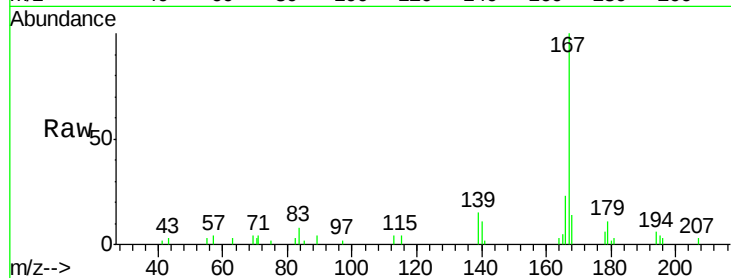
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#75
 Carbazole
 Concen: 1.42 ng/ul
 RT: 17.48 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BM004030.D
 Acq: 15 Jan 2016 02:30

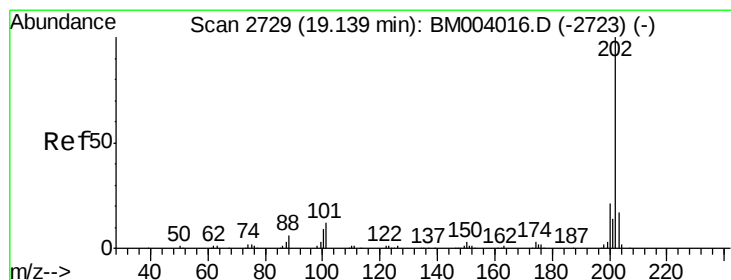
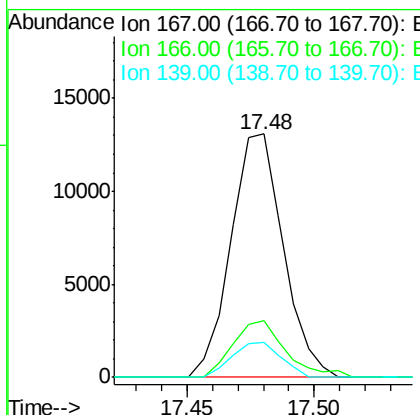
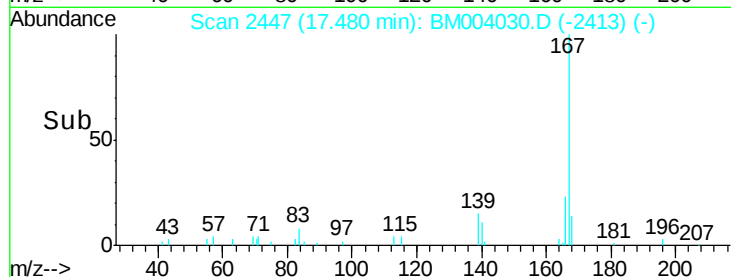
Instrument :
 BNA_M
 ClientSampleId :
 BC9D7



Tgt Ion:167 Resp: 18753
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.0 25.6
 139 14.5 11.0 16.4

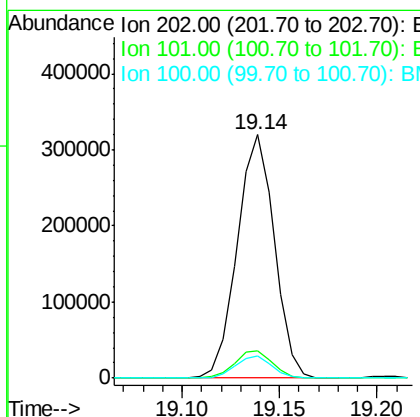
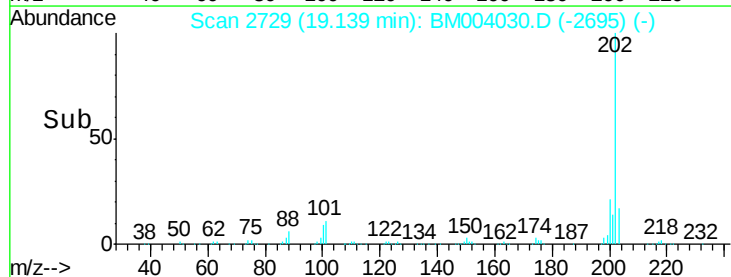
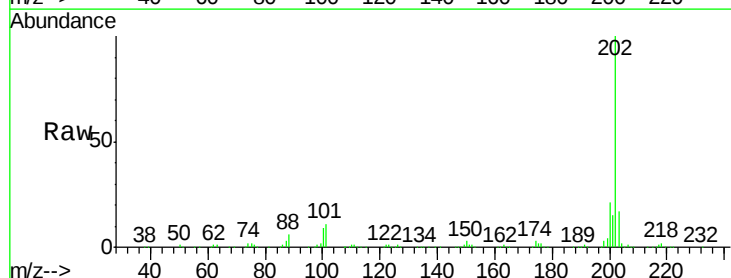
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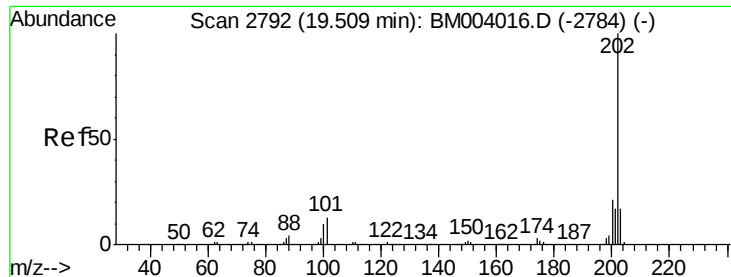
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#77
 Fluoranthene
 Concen: 27.71 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM004030.D
 Acq: 15 Jan 2016 02:30

Tgt Ion:202 Resp: 421704
 Ion Ratio Lower Upper
 202 100
 101 11.4 8.8 13.2
 100 8.9 6.6 9.8





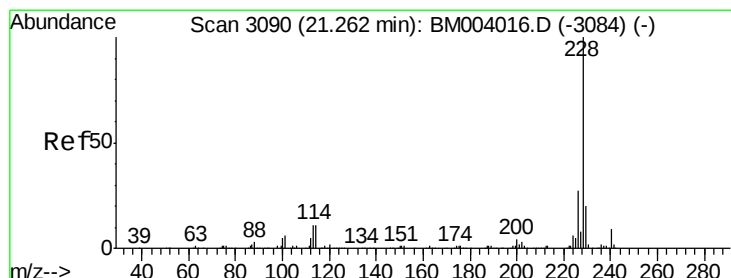
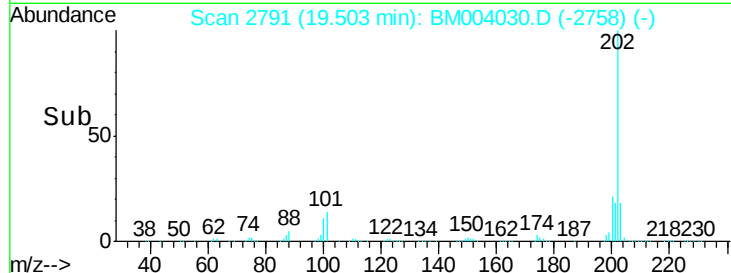
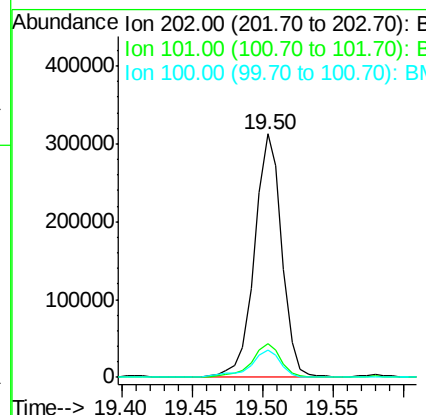
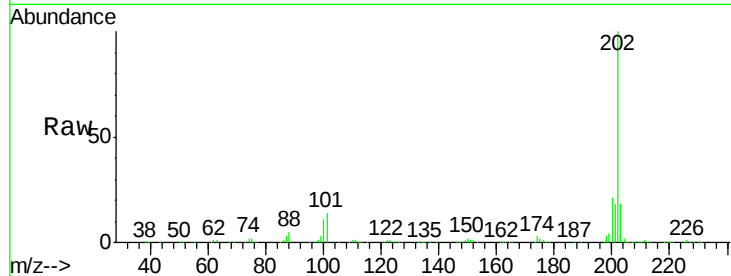
#80
Pyrene
Concen: 27.04 ng/u1
RT: 19.50 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM004030.D
Acq: 15 Jan 2016 02:30

Instrument :
BNA_M
ClientSampleId :
BC9D7

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	425452		
101	13.6	10.2	15.2	
100	11.2	8.5	12.7	

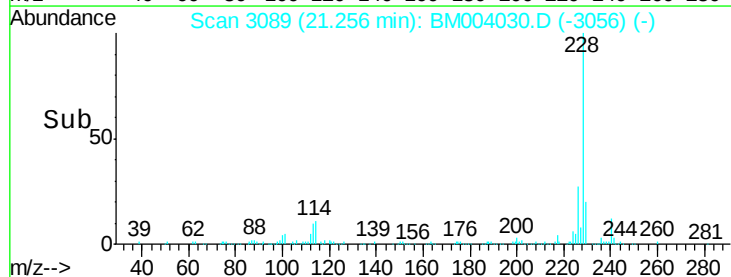
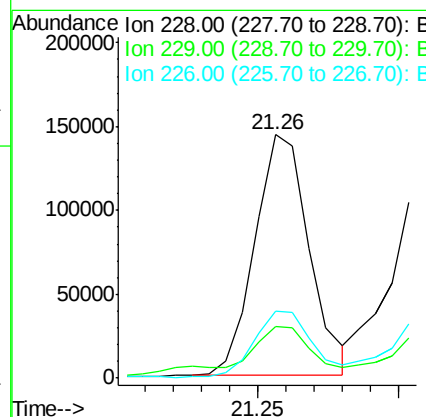
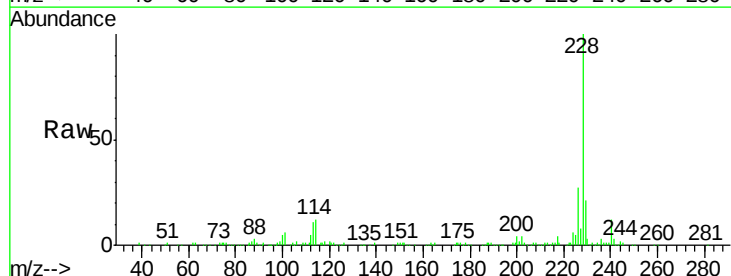
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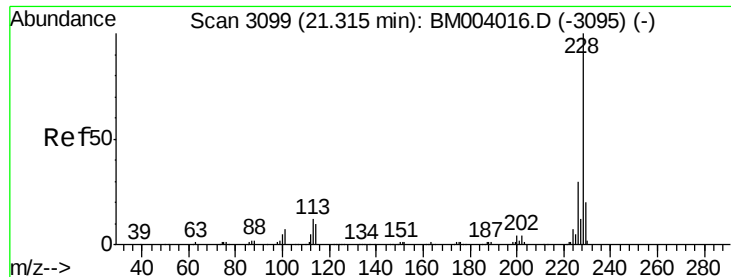
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#83
Benzo(a)anthracene
Concen: 13.87 ng/u1
RT: 21.26 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM004030.D
Acq: 15 Jan 2016 02:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	191437		
229	21.4	15.7	23.5	
226	27.4	21.8	32.6	





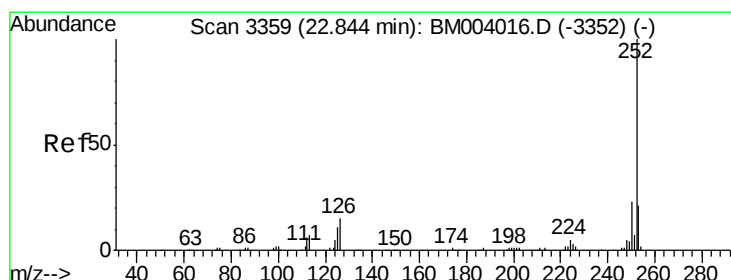
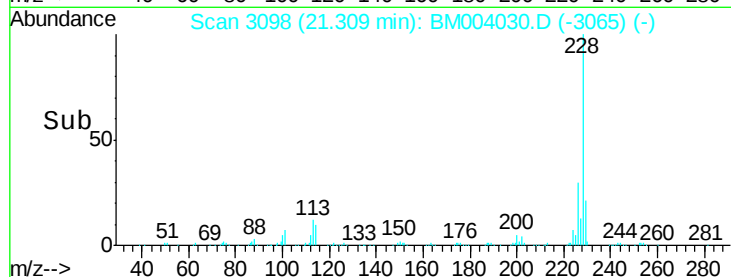
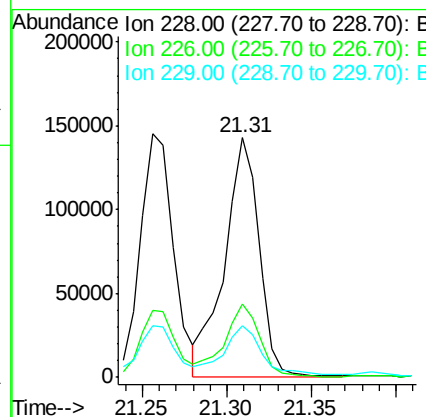
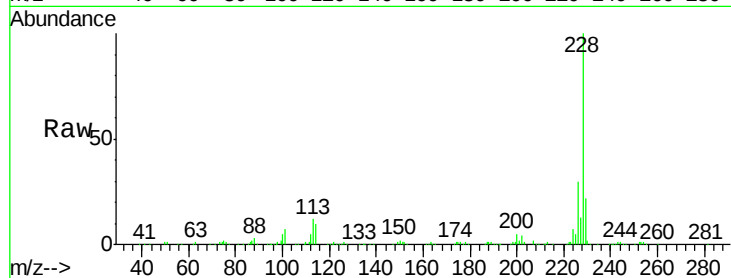
#85
Chrysene
Concen: 15.38 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM004030.D
Acq: 15 Jan 2016 02:30

Instrument :
BNA_M
ClientSampleId :
BC9D7

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	201720		
226	30.4		24.0	36.0
229	21.7		15.6	23.4

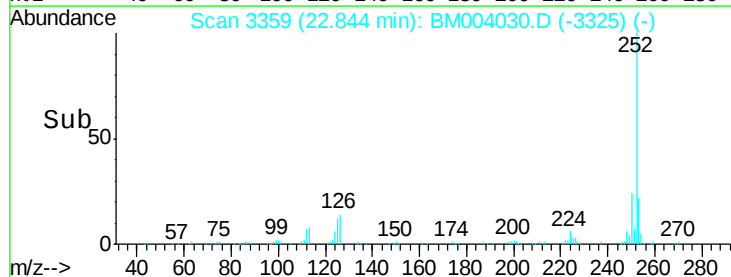
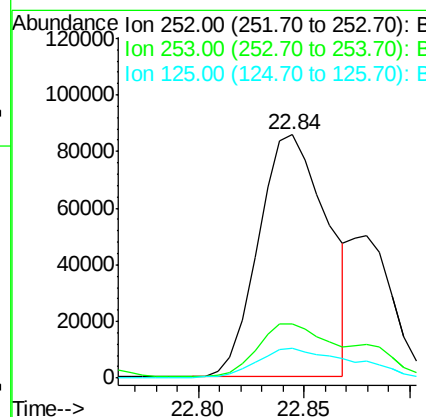
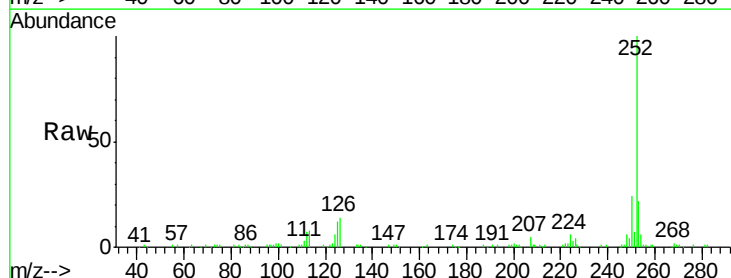
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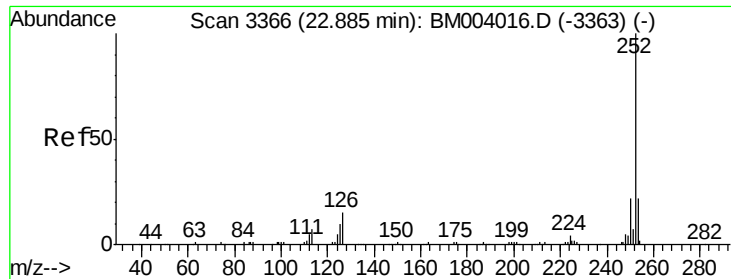
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#88
Benzo(b)fluoranthene
Concen: 16.15 ng/ul
RT: 22.84 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BM004030.D
Acq: 15 Jan 2016 02:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	193718		
253	22.2		17.5	26.3
125	12.2		8.5	12.7





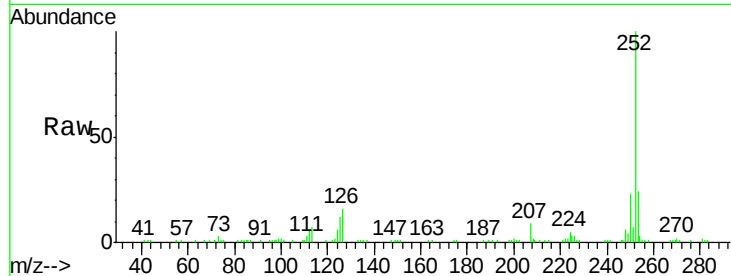
#89
Benzo(k)fluoranthene
Concen: 6.16 ng/ul m
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM004030.D
Acq: 15 Jan 2016 02:30

Instrument :
BNA_M
ClientSampled :
BC9D7

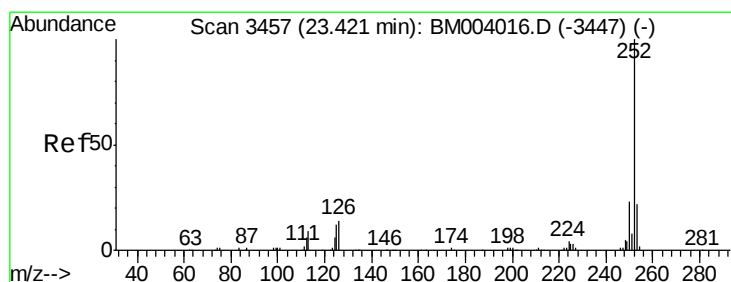
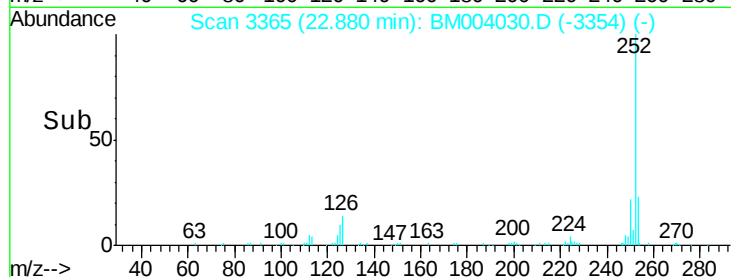
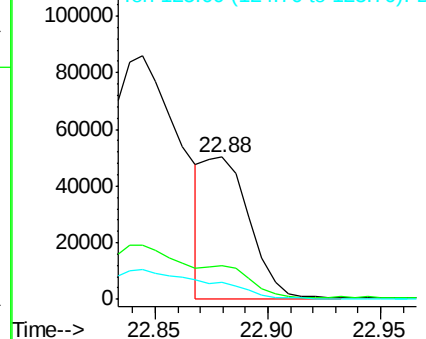
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	11.6	8.2	12.2

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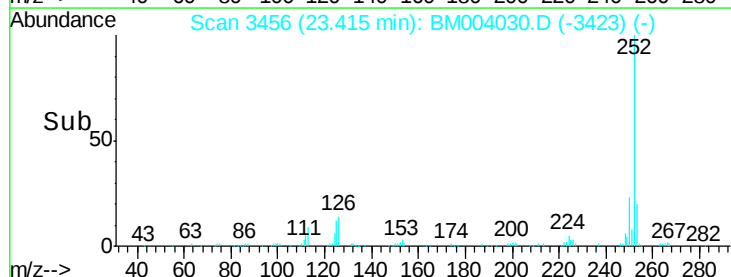
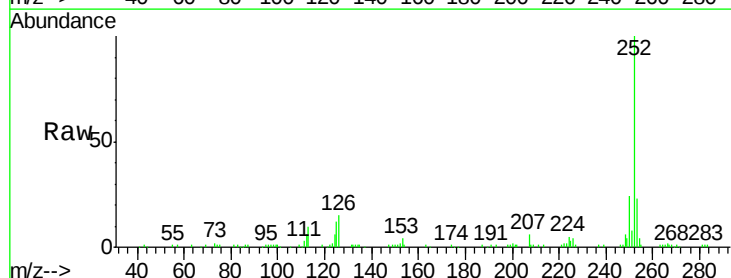
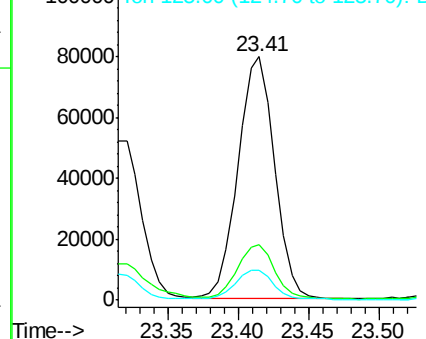
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

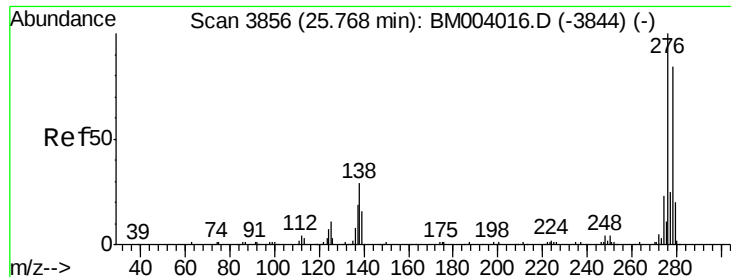


#91
Benzo(a)pyrene
Concen: 12.67 ng/ul
RT: 23.41 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BM004030.D
Acq: 15 Jan 2016 02:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	12.5	9.0	13.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





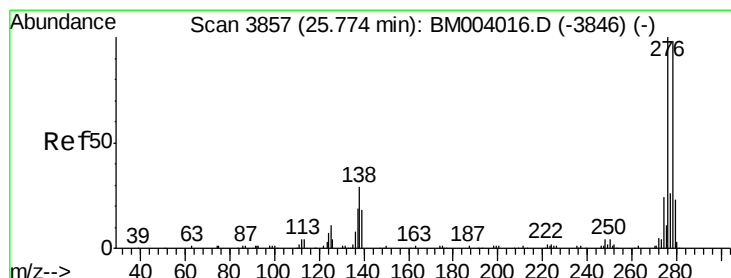
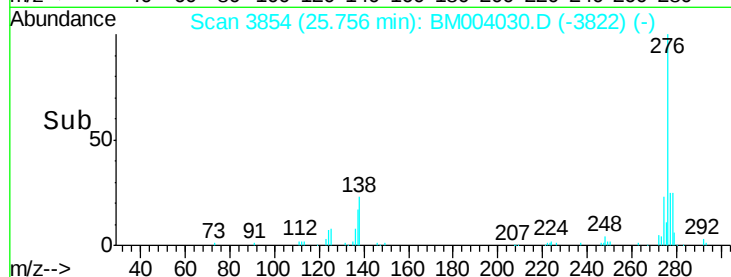
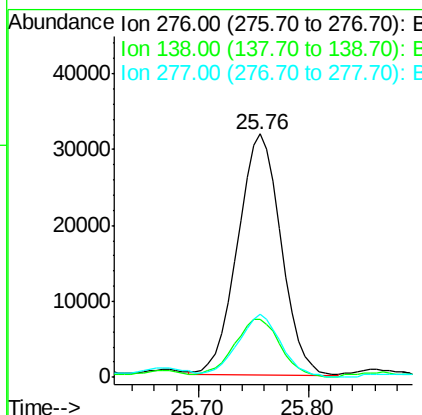
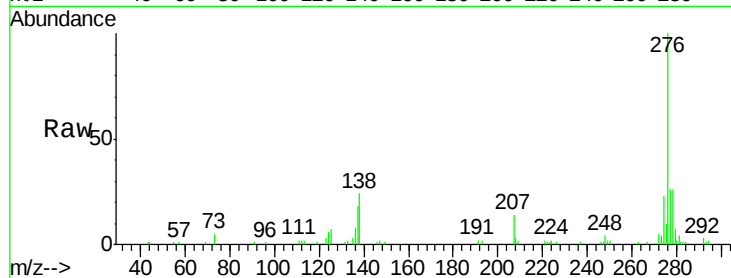
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 6.97 ng/ul
 RT: 25.76 min Scan# 3854
 Delta R.T. -0.01 min
 Lab File: BM004030.D
 Acq: 15 Jan 2016 02:30

Instrument :
 BNA_M
 ClientSampleId :
 BC9D7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	22.3	33.5
277	26.0	20.2	30.2

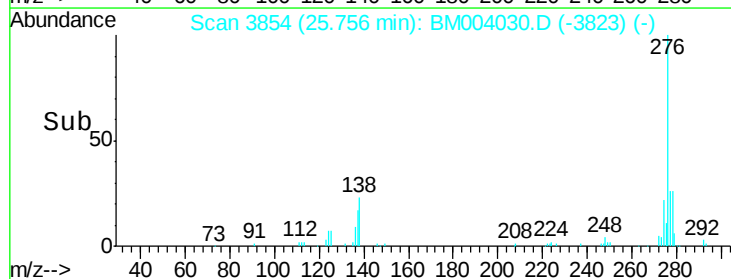
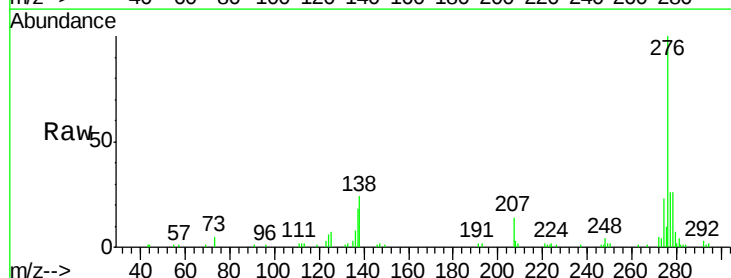
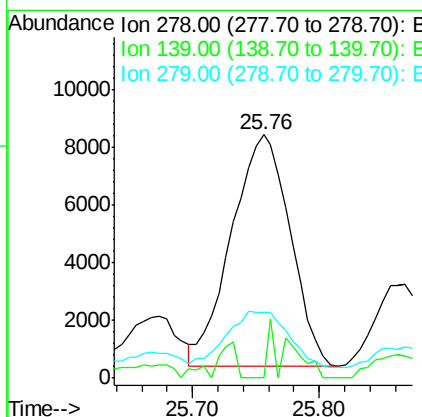
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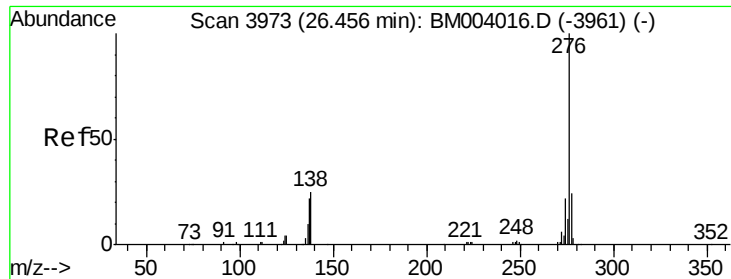
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#93
 Dibenzo(a,h)anthracene
 Concen: 2.45 ng/ul
 RT: 25.76 min Scan# 3854
 Delta R.T. -0.02 min
 Lab File: BM004030.D
 Acq: 15 Jan 2016 02:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	27.2	19.0	28.4





#94
 Benzo(g,h,i)perylene
 Concen: 6.94 ng/ul
 RT: 26.45 min Scan# 3972
 Delta R.T. -0.01 min
 Lab File: BM004030.D
 Acq: 15 Jan 2016 02:30

Instrument :
 BNA_M
 ClientSampleId :
 BC9D7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	18.9	28.3
277	24.8	19.2	28.8

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