

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
 Data File : BM004064.D
 Acq On : 16 Jan 2016 01:01
 Operator : SJ/UM
 Sample : H1100-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC985

Manual Integrations
 APPROVED

Sohil
 1/16/2016 5:01:34 AM

Quant Time: Jan 16 03:49:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 16 03:00:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	42582	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	198886	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	113459	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	240173	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	186559	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	178598	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2698	2.83	ng/uL	0.00
5) Phenol-d5	6.85	99	68378	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	39270	19.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	57969	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	52737	18.41	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	28672	19.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	31217	19.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	56246	19.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	22582	5.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	184732	20.74	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	228502	21.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	20119	12.58	ng/ul	0.00
58) Fluorene-d10	15.32	176	161904	21.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	10809	7.98	ng/ul	0.00
71) Anthracene-d10	17.17	188	239396	21.55	ng/ul	0.00
79) Pyrene-d10	19.48	212	230269	23.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	193440	21.69	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.87	94	5316	1.43 ng/ul	95
14) Acetophenone	8.49	105	21013	4.71 ng/ul	98
28) Naphthalene	10.50	128	24917	2.40 ng/ul	100
34) 2-Methylnaphthalene	12.12	142	11501	1.57 ng/ul	98
45) Dimethylphthalate	13.78	163	72786	8.02 ng/ul	99
48) Acenaphthylene	14.04	152	49173	4.14 ng/ul	98
50) Acenaphthene	14.39	153	13560	1.72 ng/ul	99
59) Fluorene	15.37	166	20543	2.35 ng/ul#	97
70) Phenanthrene	17.12	178	456975	33.84 ng/ul	100
72) Anthracene	17.20	178	106505	7.69 ng/ul	99
75) Carbazole	17.48	167	16066	1.32 ng/ul#	89
77) Fluoranthene	19.14	202	823353	58.67 ng/ul	98
80) Pyrene	19.51	202	1147732	90.63 ng/ul	98
83) Benzo(a)anthracene	21.26	228	416929	37.53 ng/ul	95
85) Chrysene	21.32	228	508841	48.20 ng/ul	97
88) Benzo(b)fluoranthene	22.86	252	468473	43.15 ng/ul	97
89) Benzo(k)fluoranthene	22.89	252	155369m	15.04 ng/ul	
91) Benzo(a)pyrene	23.43	252	416779	40.48 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.78	276	255021	22.39 ng/ul	96
93) Dibenzo(a,h)anthracene	25.77	278	74986	7.84 ng/ul#	85
94) Benzo(g,h,i)perylene	26.47	276	221472	23.16 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

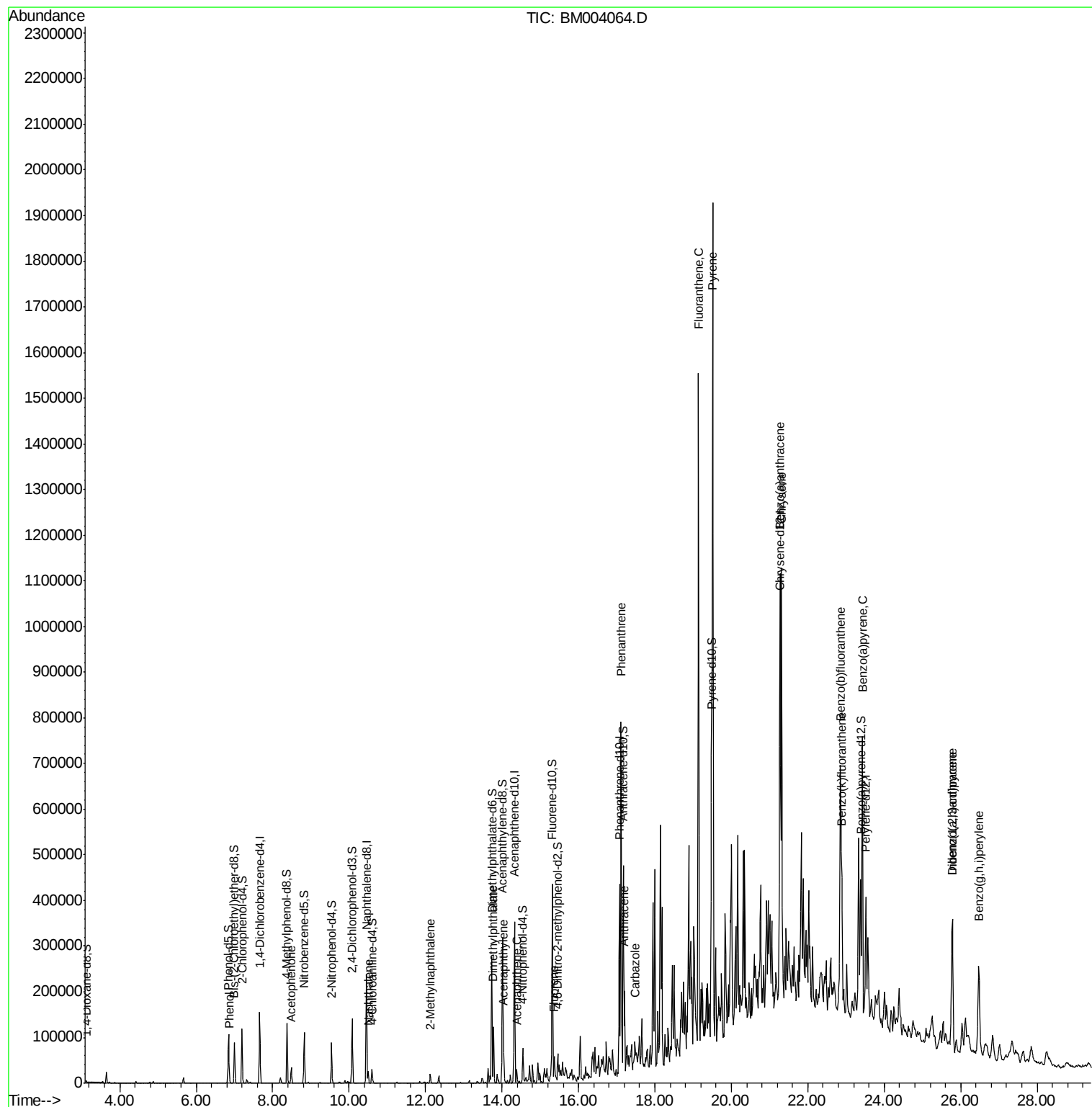
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004064.D
Acq On : 16 Jan 2016 01:01
Operator : SJ/UM
Sample : H1100-04
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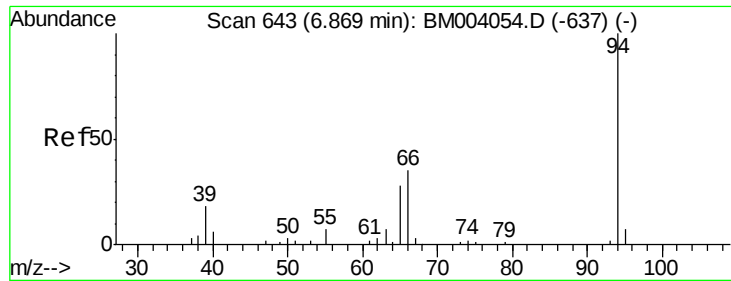
Instrument :
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#6

Phenol

Concen: 1.43 ng/ul

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM004064.D

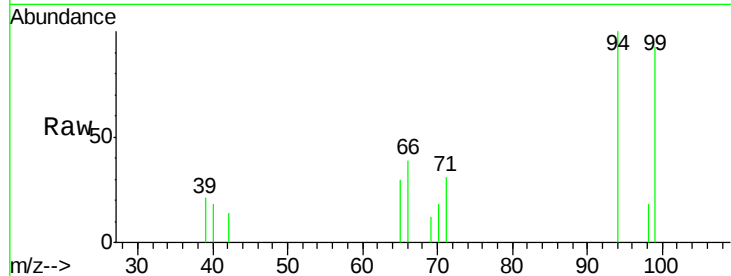
Acq: 16 Jan 2016 01:01

Instrument :

BNA_M

ClientSampled :

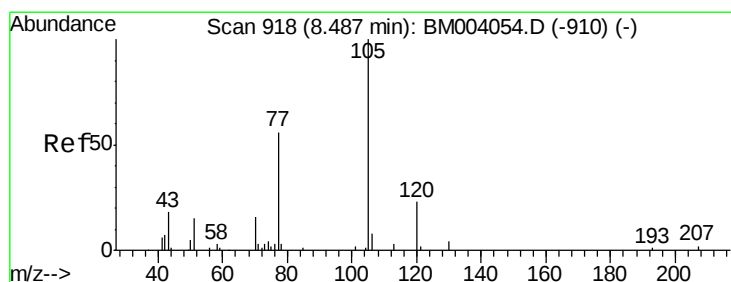
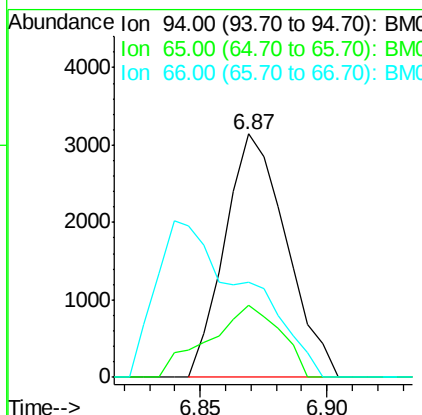
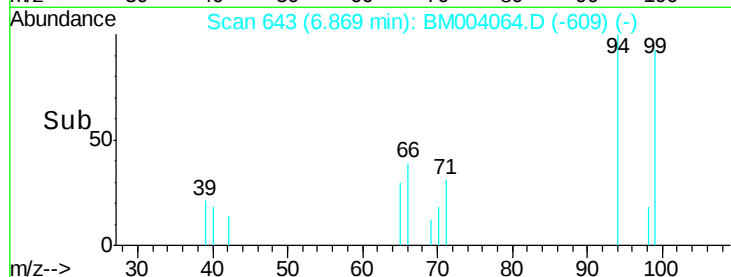
BC985



Tgt Ion:	94	Resp:	5316
Ion	Ratio	Lower	Upper
94	100		
65	29.6	21.0	31.6
66	39.2	29.3	43.9

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#14

Acetophenone

Concen: 4.71 ng/ul

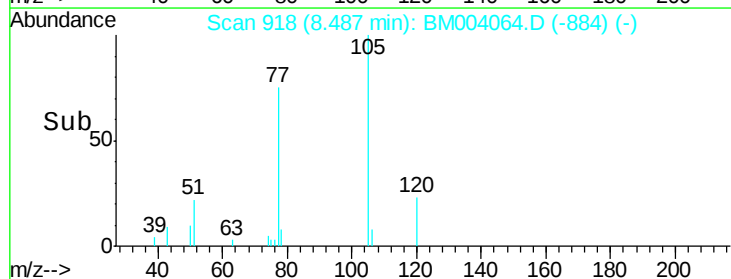
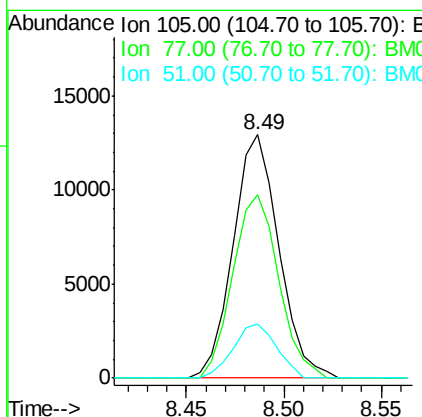
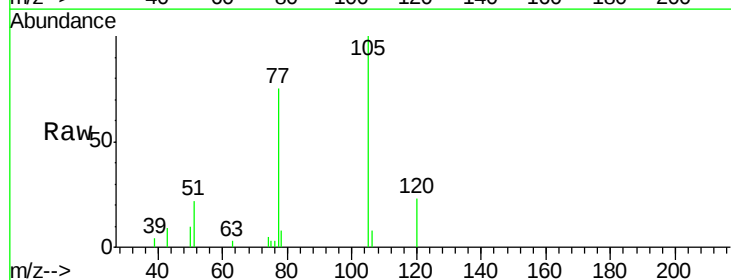
RT: 8.49 min Scan# 918

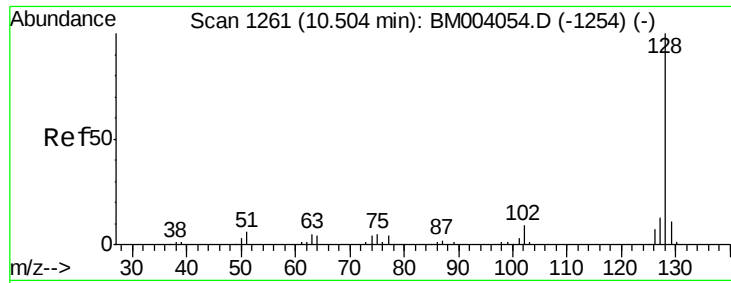
Delta R.T. 0.00 min

Lab File: BM004064.D

Acq: 16 Jan 2016 01:01

Tgt Ion:	105	Resp:	21013
Ion	Ratio	Lower	Upper
105	100		
77	75.4	59.0	88.4
51	22.3	16.4	24.6





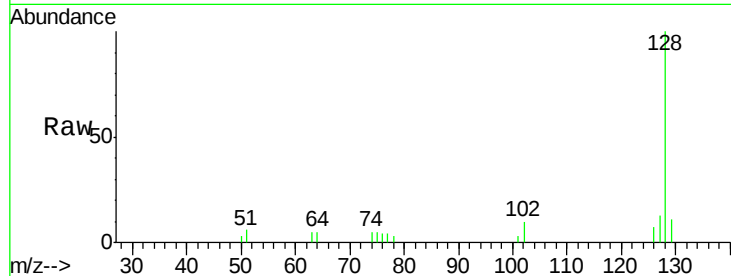
#28
Naphthalene
Concen: 2.40 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BM004064.D
Acq: 16 Jan 2016 01:01

Instrument :
BNA_M
ClientSampleId :
BC985

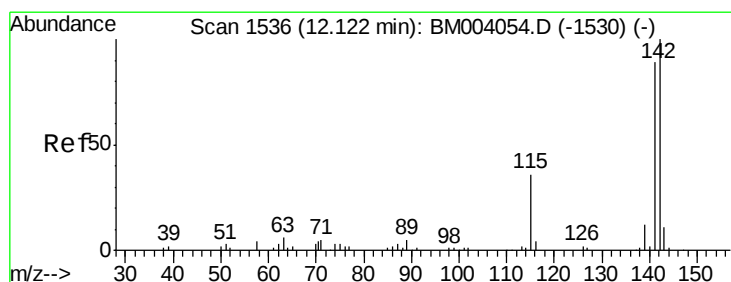
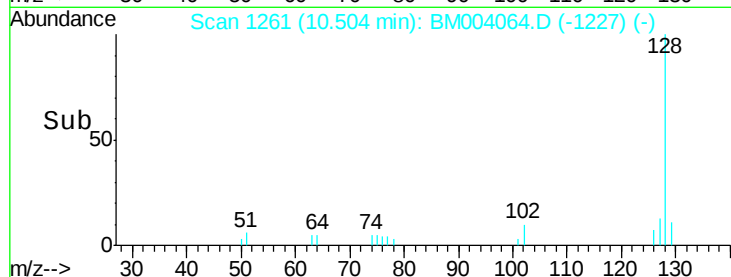
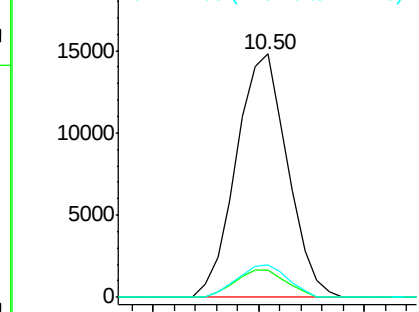
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.1	8.8	13.2
127	13.1	10.5	15.7

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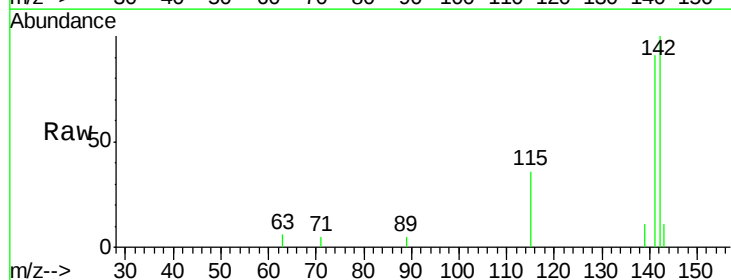


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

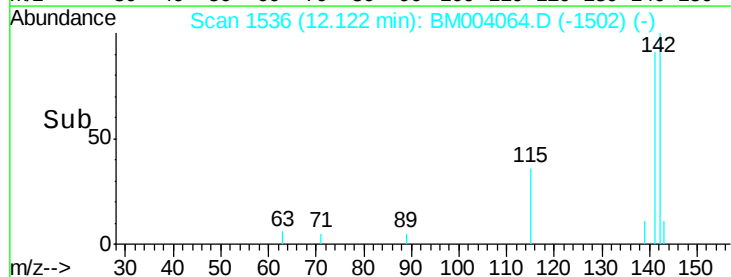
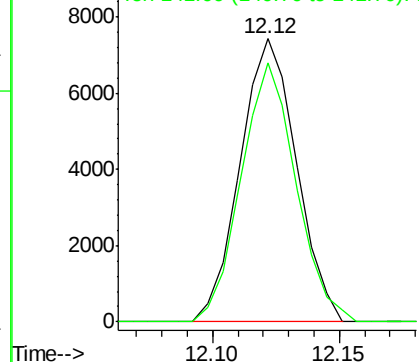


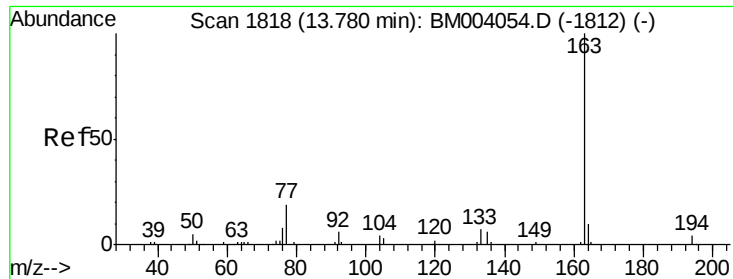
#34
2-Methylnaphthalene
Concen: 1.57 ng/ul
RT: 12.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BM004064.D
Acq: 16 Jan 2016 01:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	91.3	71.6	107.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





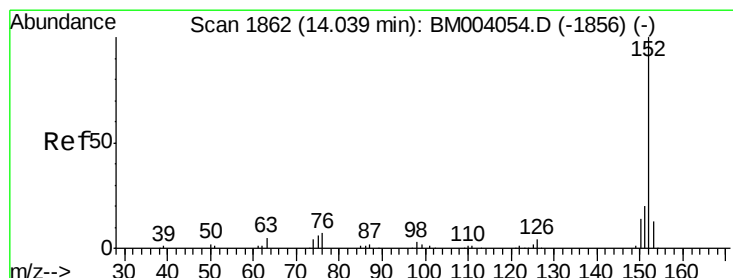
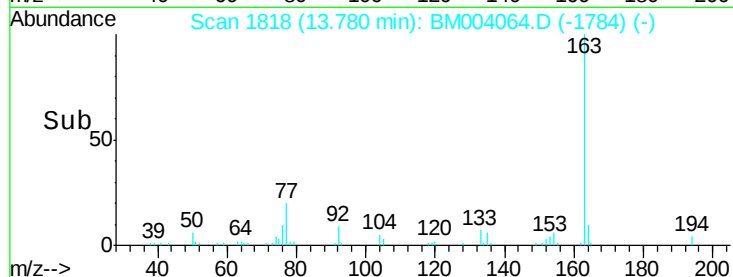
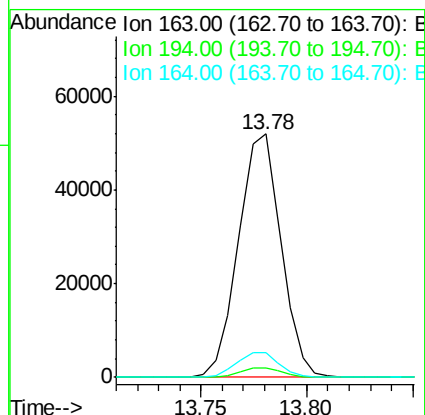
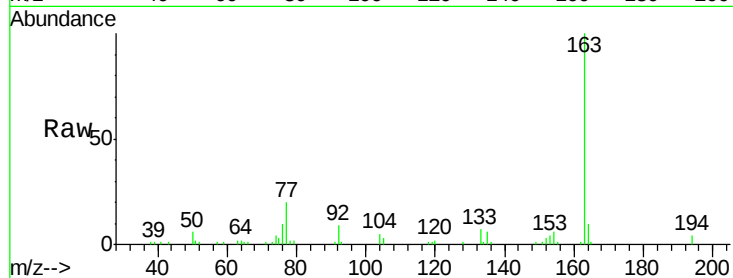
#45
Dimethylphthalate
Concen: 8.02 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004064.D
Acq: 16 Jan 2016 01:01

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Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	7.8	11.8

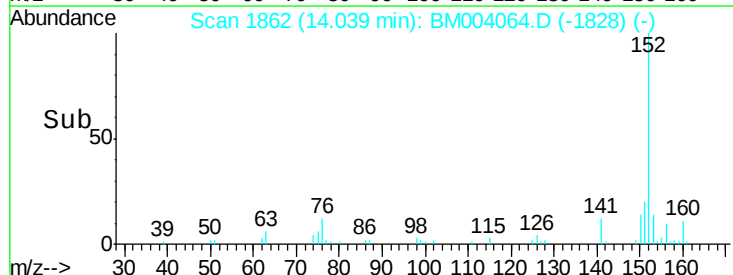
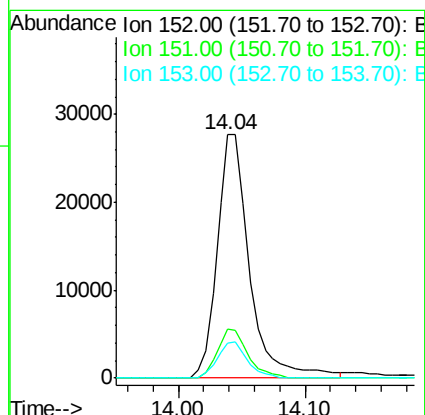
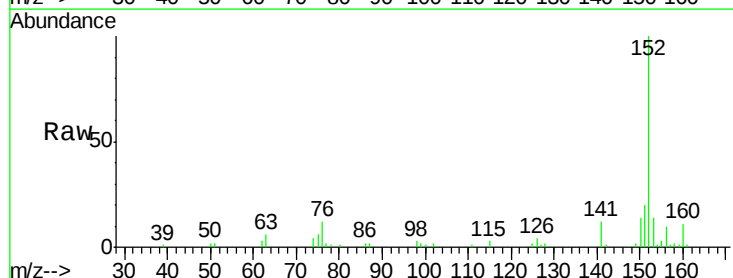
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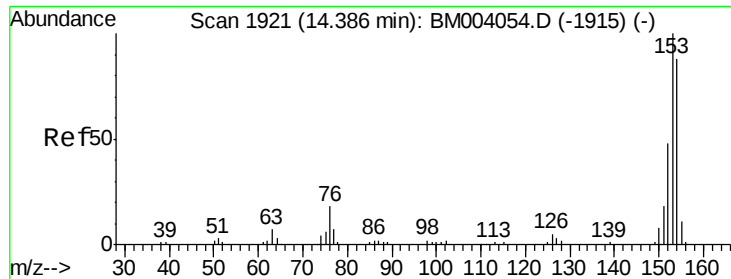
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#48
Acenaphthylene
Concen: 4.14 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BM004064.D
Acq: 16 Jan 2016 01:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	14.3	10.5	15.7





#50

Acenaphthene

Concen: 1.72 ng/ul

RT: 14.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BM004064.D

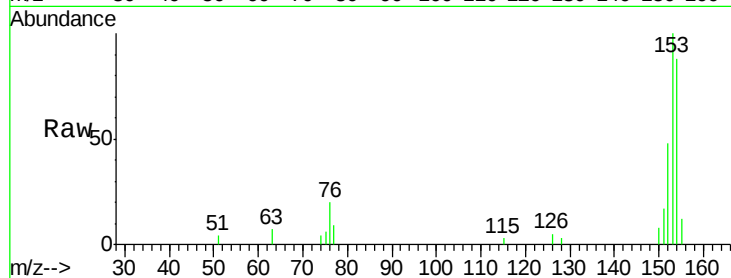
Acq: 16 Jan 2016 01:01

Instrument :

BNA_M

ClientSampleId :

BC985



Tgt Ion:153 Resp: 13560

Ion Ratio Lower Upper

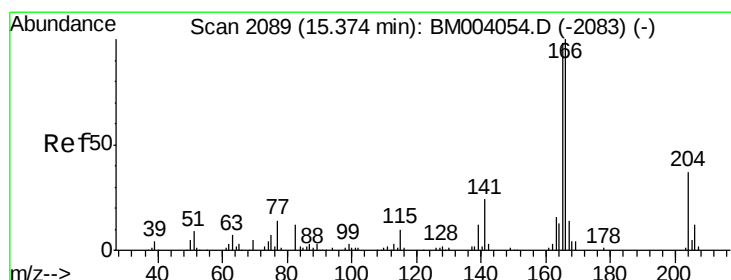
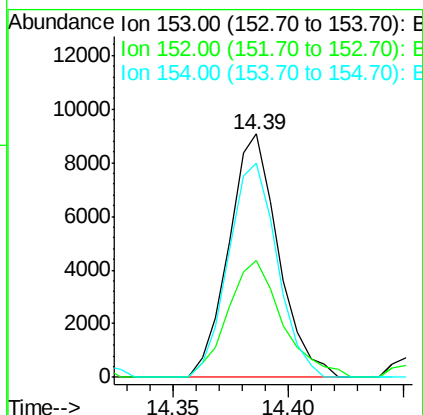
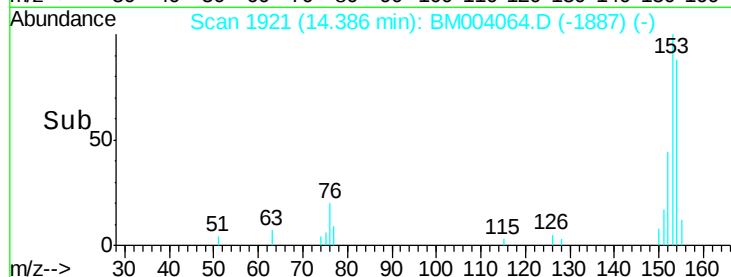
153 100

152 47.8 38.3 57.5

154 87.8 71.8 107.8

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#59

Fluorene

Concen: 2.35 ng/ul

RT: 15.37 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BM004064.D

Acq: 16 Jan 2016 01:01

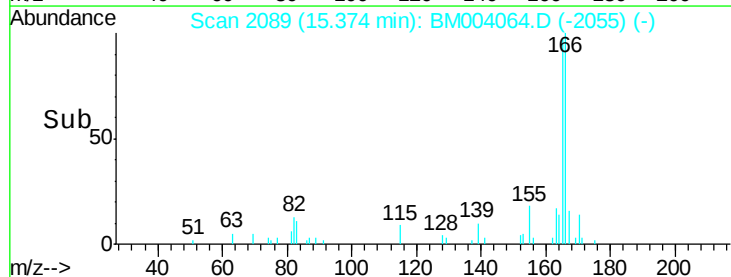
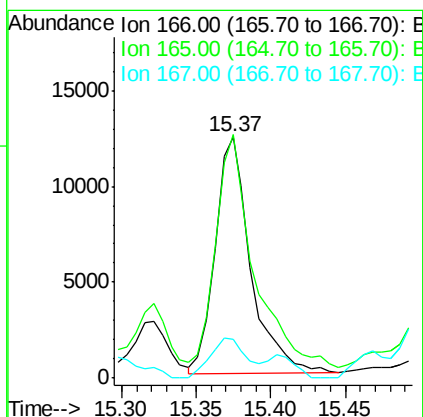
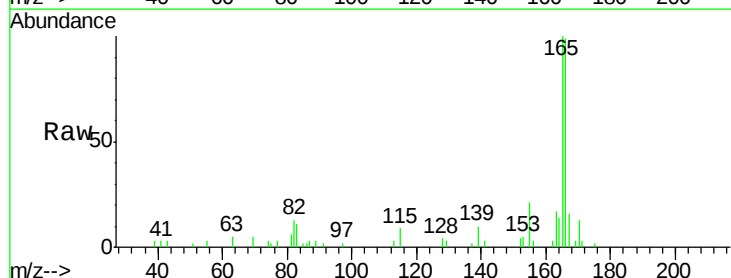
Tgt Ion:166 Resp: 20543

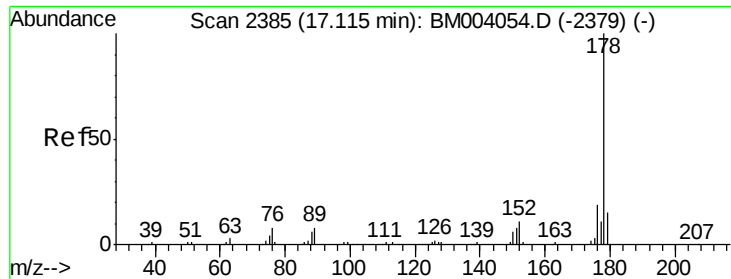
Ion Ratio Lower Upper

166 100

165 100.8 78.5 117.7

167 16.2 10.7 16.1#





#70

Phenanthrene

Concen: 33.84 ng/ul

RT: 17.12 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM004064.D

Acq: 16 Jan 2016 01:01

Instrument :

BNA_M

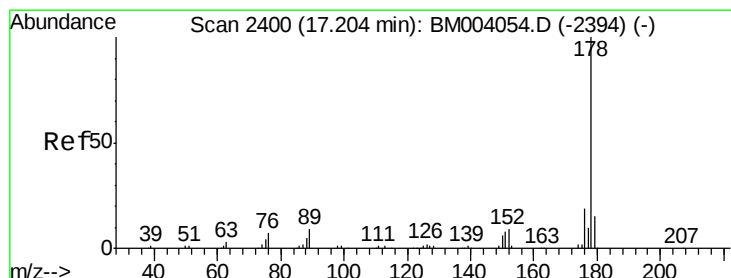
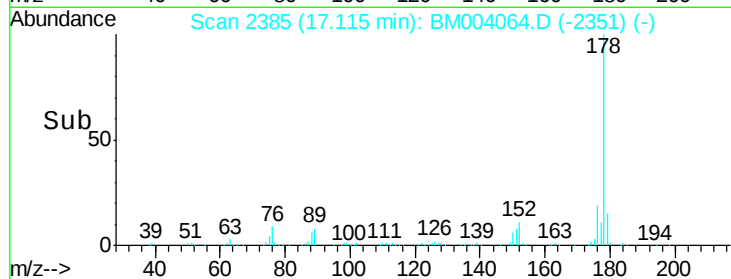
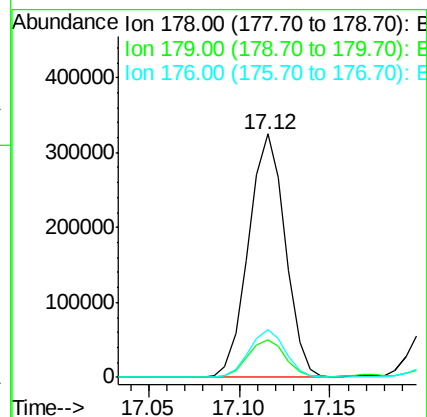
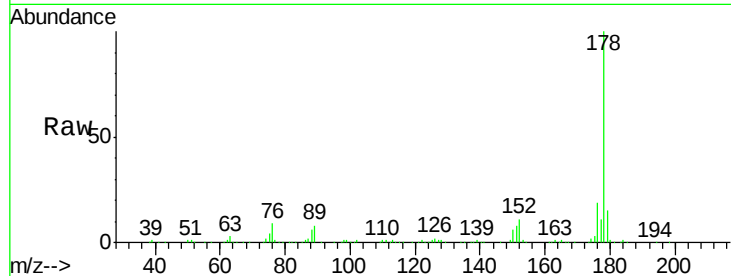
ClientSampleId :

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Tgt Ion:	178	Resp:	456975
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	19.4	15.6	23.4

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#72

Anthracene

Concen: 7.69 ng/ul

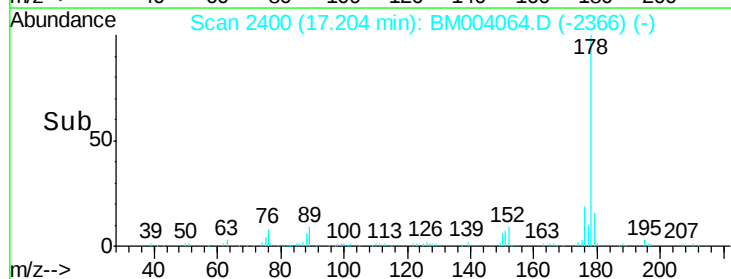
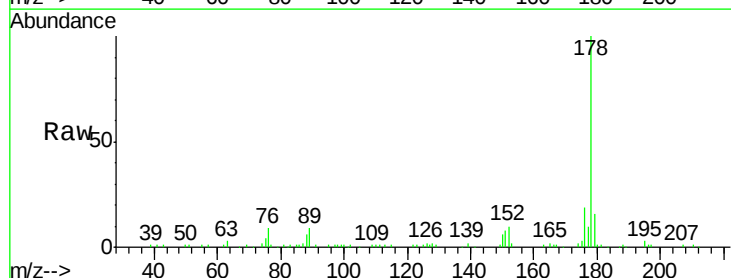
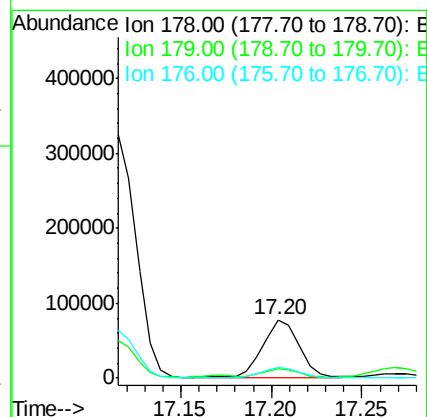
RT: 17.20 min Scan# 2400

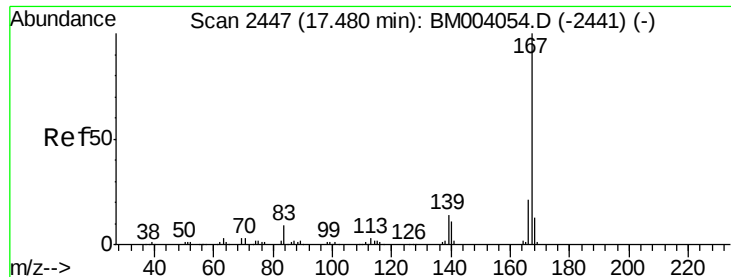
Delta R.T. 0.00 min

Lab File: BM004064.D

Acq: 16 Jan 2016 01:01

Tgt Ion:	178	Resp:	106505
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.1	18.1
176	18.8	14.8	22.2





#75

Carbazole

Concen: 1.32 ng/ul

RT: 17.48 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BM004064.D

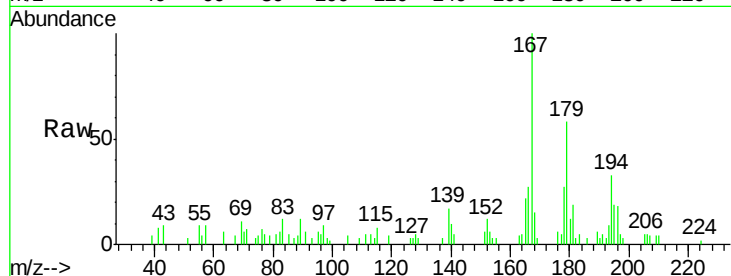
Acq: 16 Jan 2016 01:01

Instrument :

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ClientSampleId :

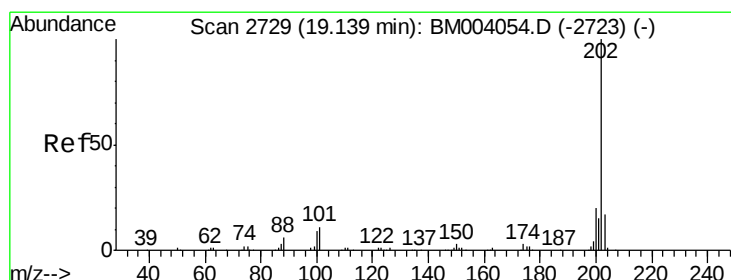
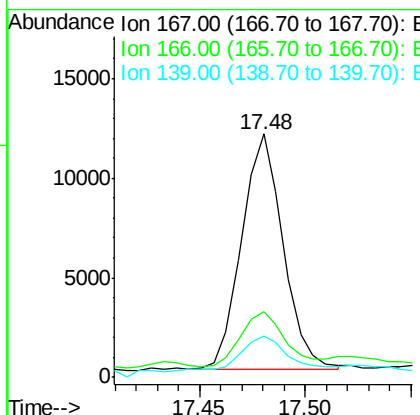
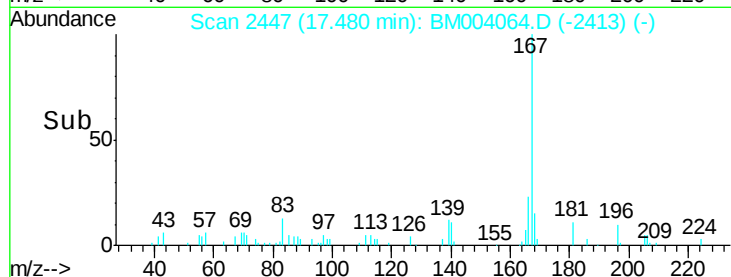
BC985



Tgt Ion:	167	Resp:	16066
Ion Ratio		Lower	Upper
167	100		
166	27.1	17.0	25.6#
139	17.2	11.0	16.4#

Manual Integrations
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#77

Fluoranthene

Concen: 58.67 ng/ul

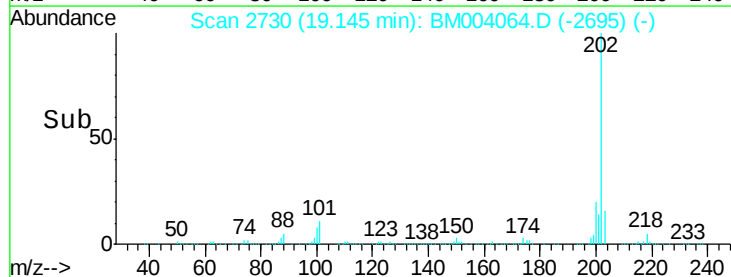
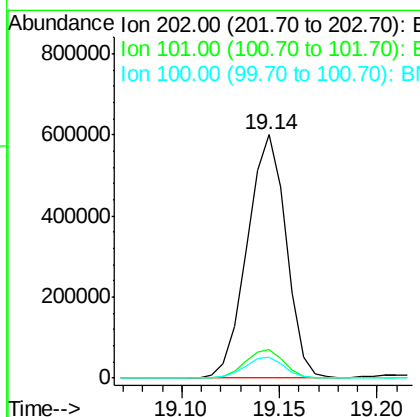
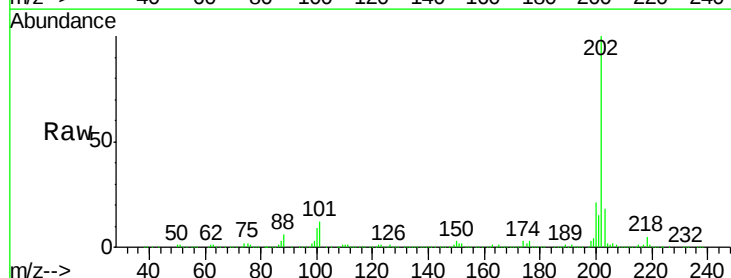
RT: 19.14 min Scan# 2730

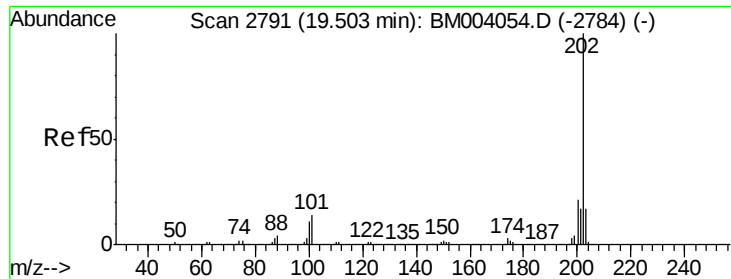
Delta R.T. 0.01 min

Lab File: BM004064.D

Acq: 16 Jan 2016 01:01

Tgt Ion:	202	Resp:	823353
Ion Ratio		Lower	Upper
202	100		
101	11.6	8.8	13.2
100	8.7	6.6	9.8





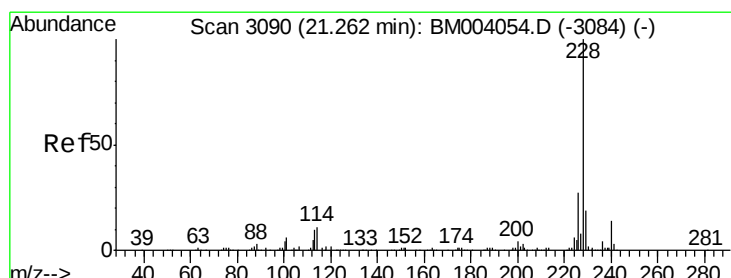
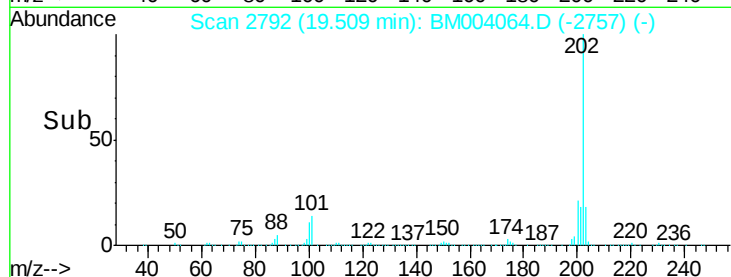
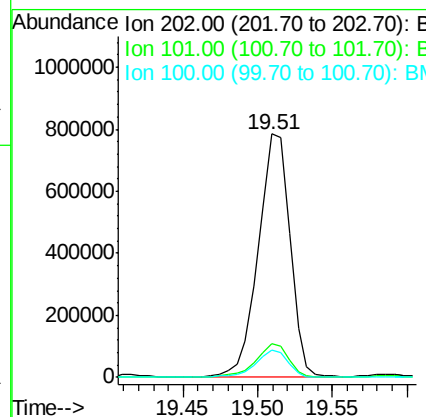
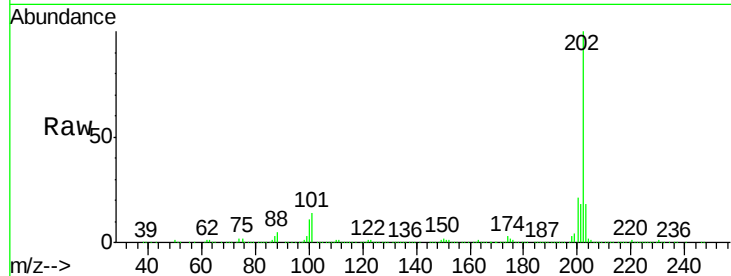
#80
 Pyrene
 Concen: 90.63 ng/u1
 RT: 19.51 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BM004064.D
 Acq: 16 Jan 2016 01:01

Instrument :
 BNA_M
 ClientSampled :
 BC985

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.2	15.2
100	11.3	8.5	12.7

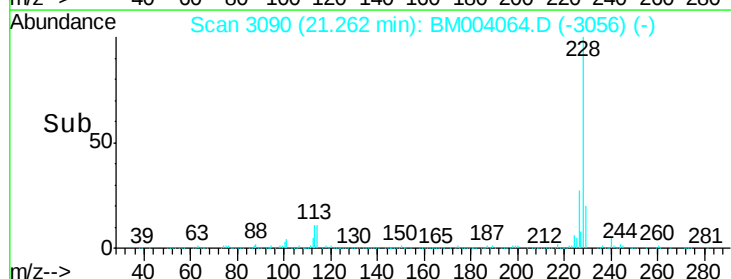
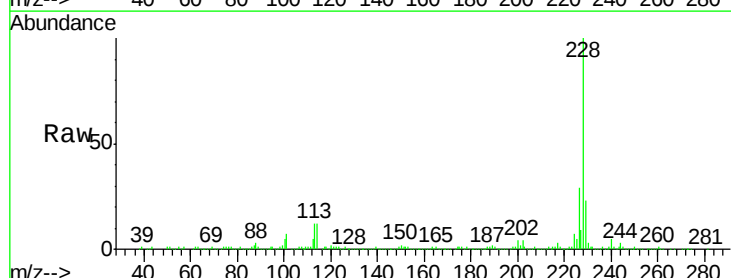
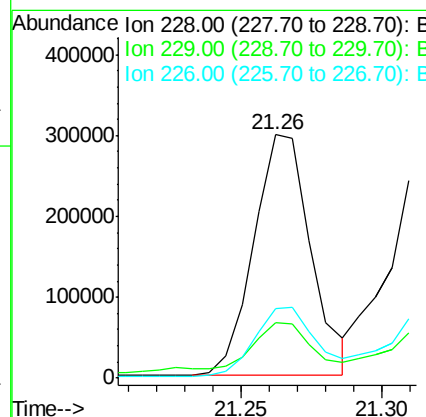
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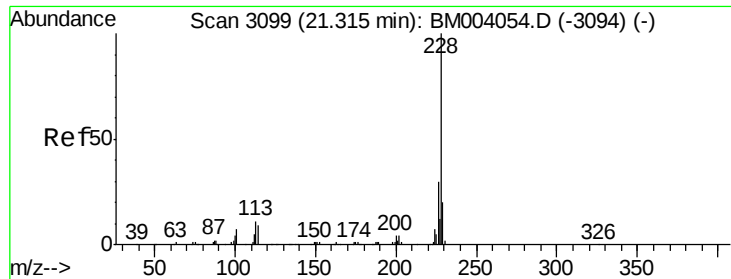
Sohil
 1/16/2016 5:01:34 AM



#83
 Benzo(a)anthracene
 Concen: 37.53 ng/u1
 RT: 21.26 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM004064.D
 Acq: 16 Jan 2016 01:01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.7	23.5
226	28.6	21.8	32.6





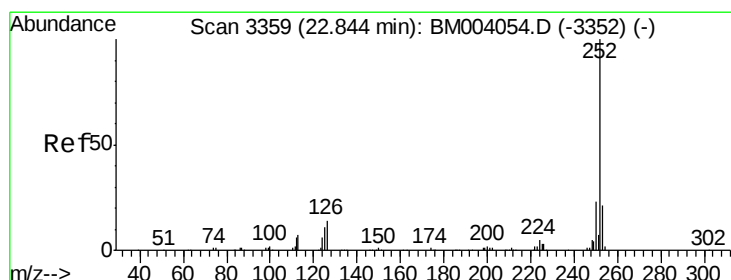
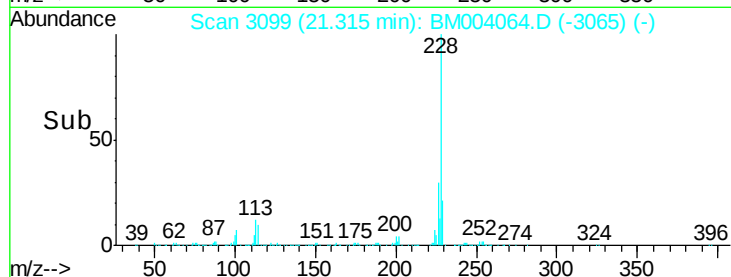
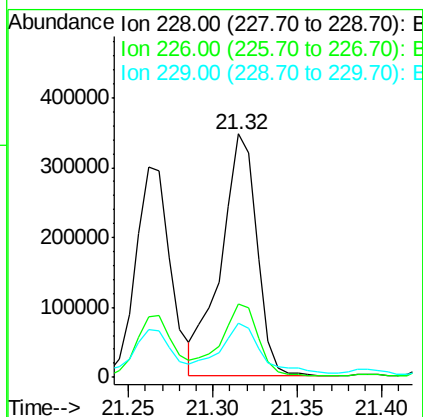
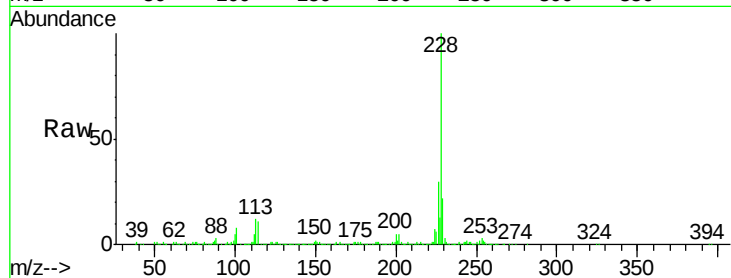
#85
Chrysene
Concen: 48.20 ng/u1
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM004064.D
Acq: 16 Jan 2016 01:01

Instrument :
BNA_M
ClientSampleId :
BC985

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	22.1	15.6	23.4

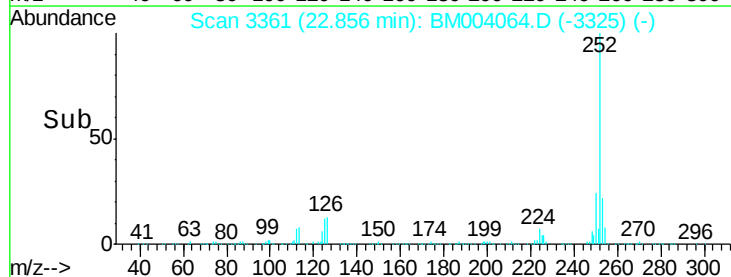
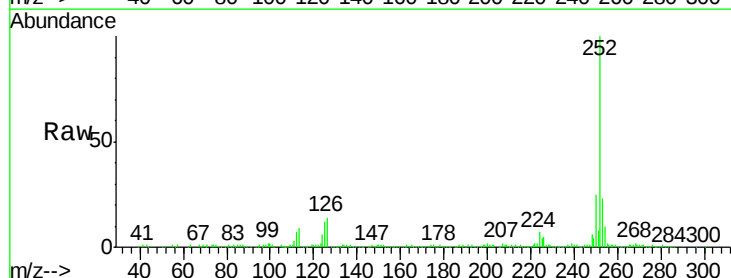
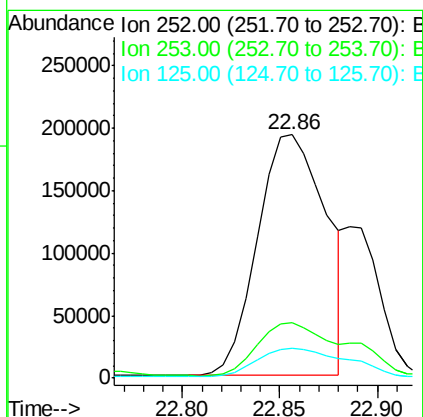
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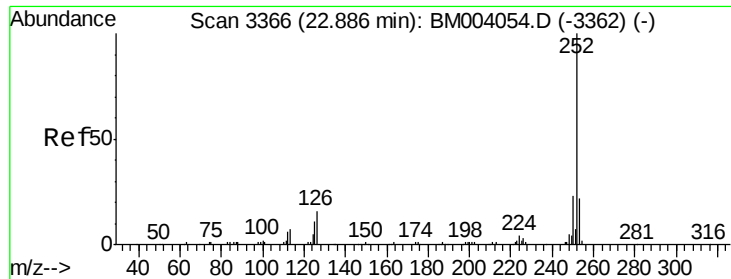
Sohil
1/16/2016 5:01:34 AM



#88
Benzo(b)fluoranthene
Concen: 43.15 ng/u1
RT: 22.86 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BM004064.D
Acq: 16 Jan 2016 01:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.4	8.5	12.7





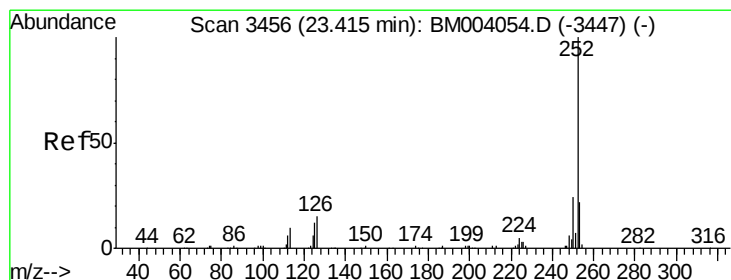
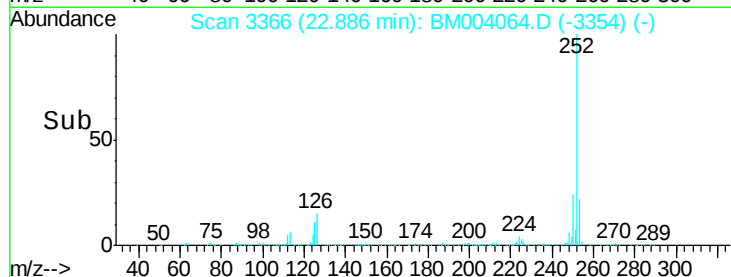
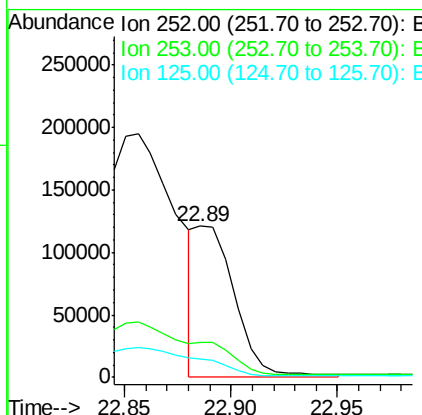
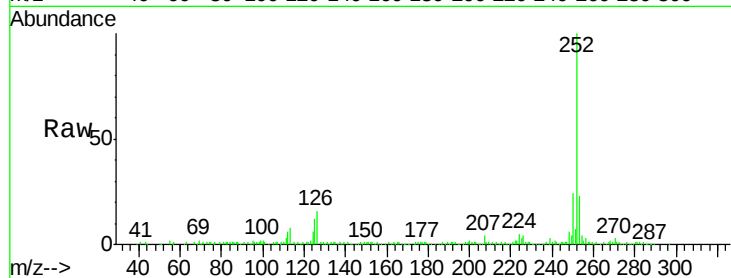
#89
Benzo(k)fluoranthene
Concen: 15.04 ng/ul m
RT: 22.89 min Scan# 3366
Delta R.T. 0.00 min
Lab File: BM004064.D
Acq: 16 Jan 2016 01:01

Instrument :
BNA_M
ClientSampled :
BC985

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	11.9	8.2	12.2

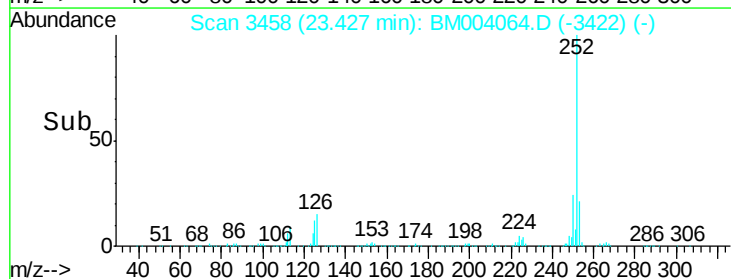
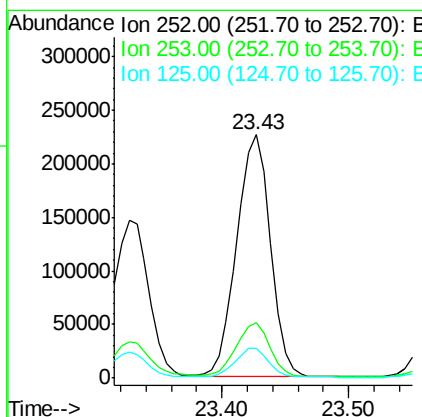
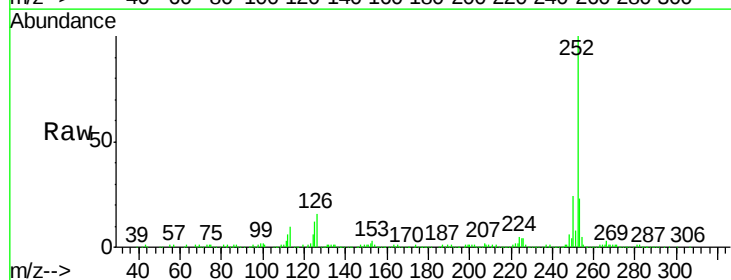
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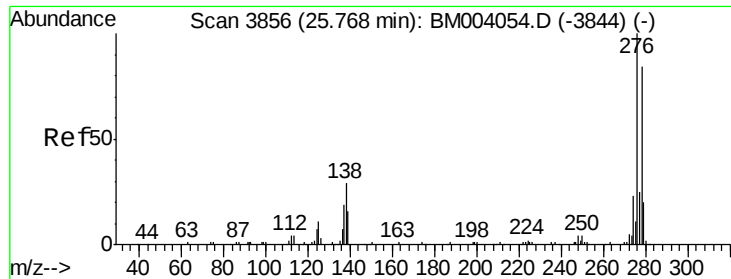
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#91
Benzo(a)pyrene
Concen: 40.48 ng/ul
RT: 23.43 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BM004064.D
Acq: 16 Jan 2016 01:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	12.1	9.0	13.6





#92

Indeno(1,2,3-cd)pyrene

Concen: 22.39 ng/ul

RT: 25.78 min Scan# 3858

Delta R.T. 0.01 min

Lab File: BM004064.D

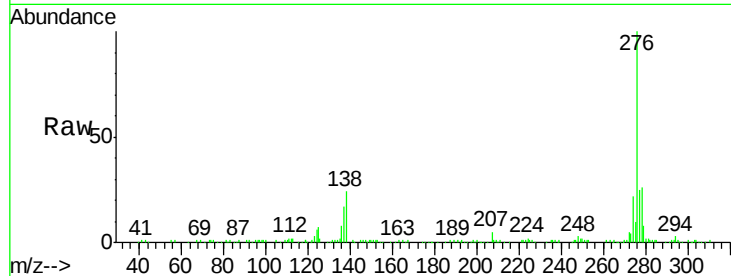
Acq: 16 Jan 2016 01:01

Instrument :

BNA_M

ClientSampleId :

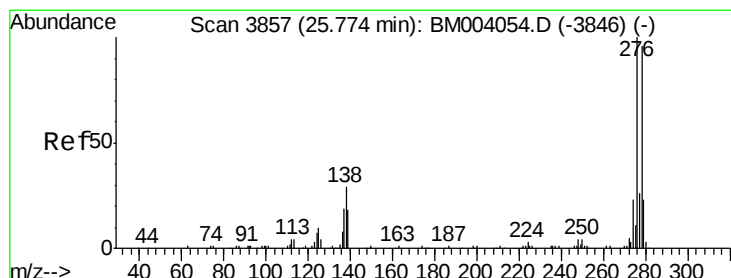
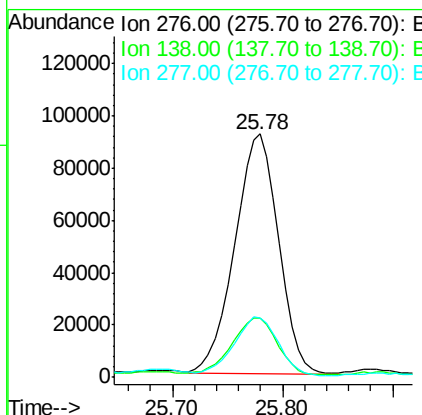
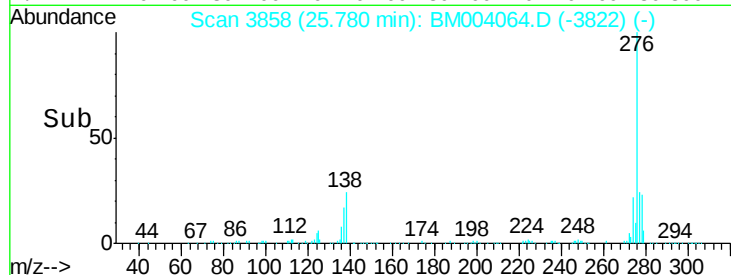
BC985



Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	22.3	33.5
277	24.5	20.2	30.2

Manual Integrations
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#93

Dibenzo(a,h)anthracene

Concen: 7.84 ng/ul

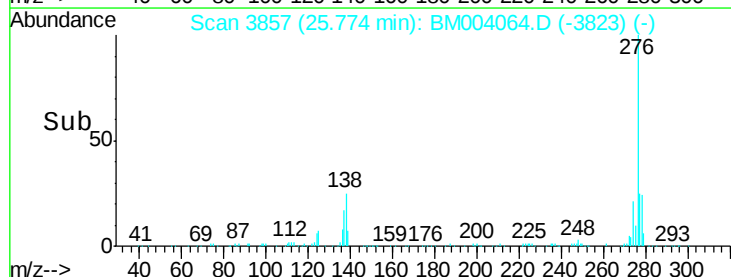
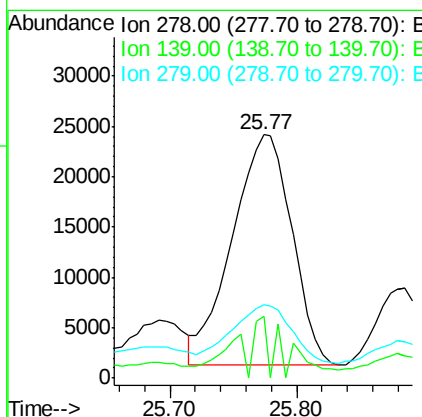
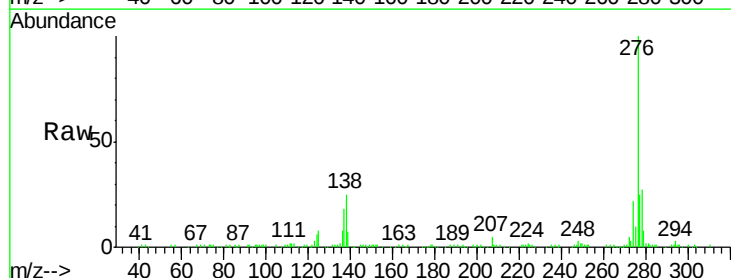
RT: 25.77 min Scan# 3857

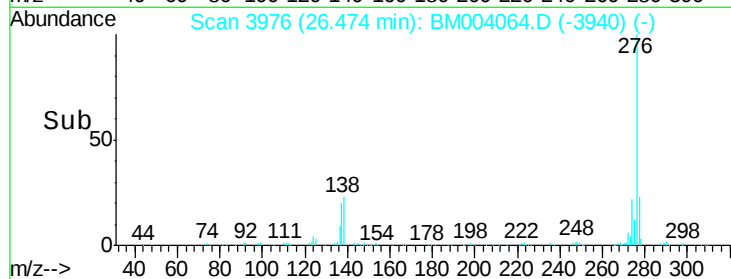
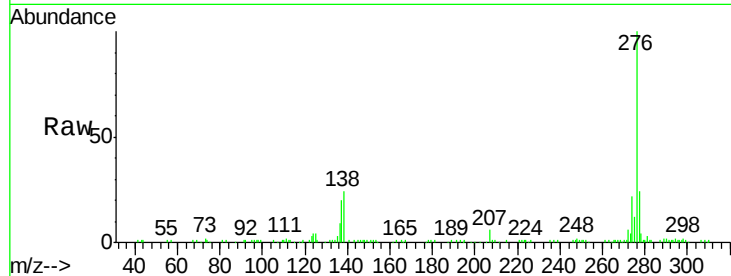
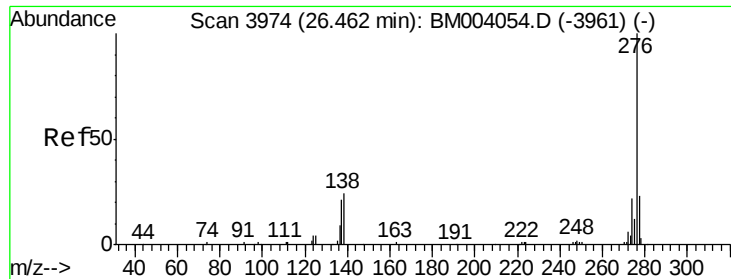
Delta R.T. 0.00 min

Lab File: BM004064.D

Acq: 16 Jan 2016 01:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.4	13.9	20.9#
279	29.9	19.0	28.4#





#94

Benzo(g,h,i)perylene

Concen: 23.16 ng/ul

RT: 26.47 min Scan# 3976

Delta R.T. 0.01 min

Lab File: BM004064.D

Acq: 16 Jan 2016 01:01

Tgt Ion:	276	Resp:	221472
Ion Ratio		Lower	Upper
276	100		
138	24.2	18.9	28.3
277	24.3	19.2	28.8

Instrument :

BNA_M

ClientSampleId :

BC985

Manual Integrations
APPROVED

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1/16/2016 5:01:34 AM

