

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
 Data File : BM004045.D
 Acq On : 15 Jan 2016 13:35
 Operator : SJ/UM
 Sample : H1100-03 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC984

Quant Time: Jan 16 00:37:28 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 16 00:22:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	38908	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	192769	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	116018	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	255951	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	226120	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	200641	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.85	99	5960	1.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	3340	1.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	4970	1.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	4623	1.77	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	2213	1.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	2215	1.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	4544	1.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	1199	0.32	ng/ul	0.02
44) Dimethylphthalate-d6	13.73	166	17524	1.92	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	21840	1.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	429	0.26	ng/ul	0.02
58) Fluorene-d10	15.32	176	16896	2.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.17	188	26006	2.20	ng/ul	0.00
79) Pyrene-d10	19.47	212	26602	2.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	21026	2.10	ng/ul	0.00

Target Compounds

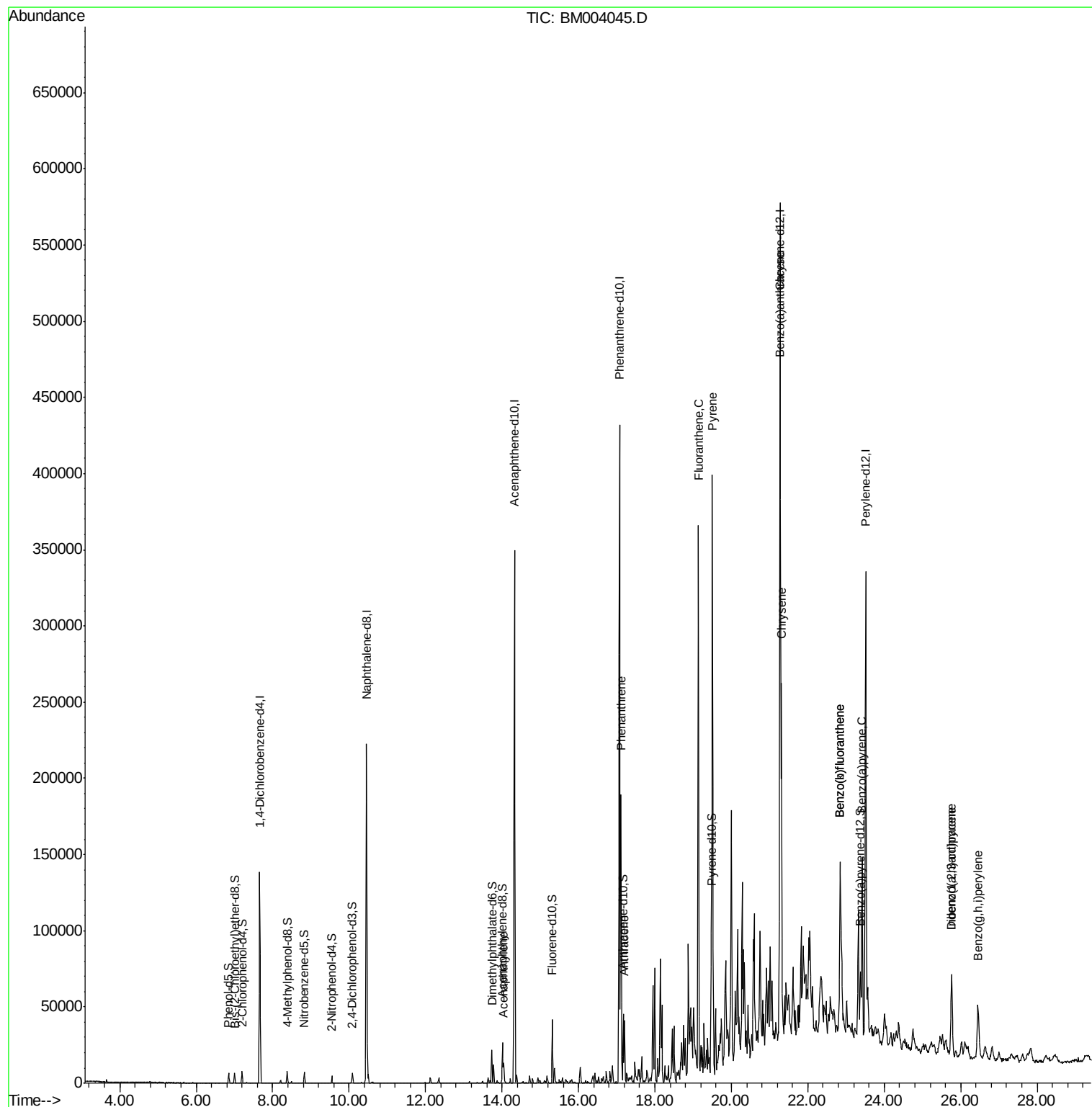
						Qvalue
48) Acenaphthylene	14.04	152	12791	1.05	ng/ul	100
70) Phenanthrene	17.12	178	115396	8.02	ng/ul	100
72) Anthracene	17.20	178	28815	1.95	ng/ul	99
77) Fluoranthene	19.14	202	194952	13.03	ng/ul	100
80) Pyrene	19.50	202	231854	15.11	ng/ul	98
83) Benzo(a)anthracene	21.26	228	82086	6.10	ng/ul	97
85) Chrysene	21.32	228	101482	7.93	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	92585	7.59	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	25589	2.20	ng/ul	97
91) Benzo(a)pyrene	23.41	252	76296	6.60	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.76	276	45087	3.52	ng/ul	95
93) Dibenzo(a,h)anthracene	25.76	278	14928	1.39	ng/ul#	88
94) Benzo(g,h,i)perylene	26.45	276	44078	4.10	ng/ul	98

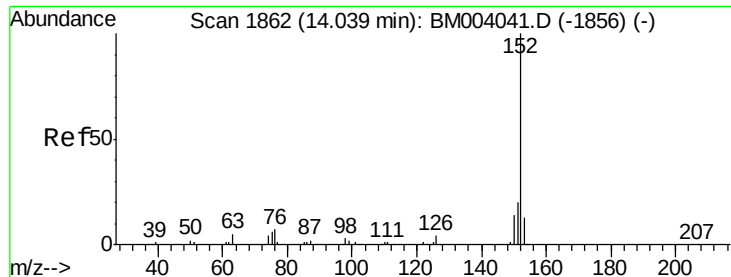
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#48

Acenaphthylene

Concen: 1.05 ng/ul

RT: 14.04 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BM004045.D

Acq: 15 Jan 2016 13:35

Instrument :

BNA_M

ClientSampleId :

BC984

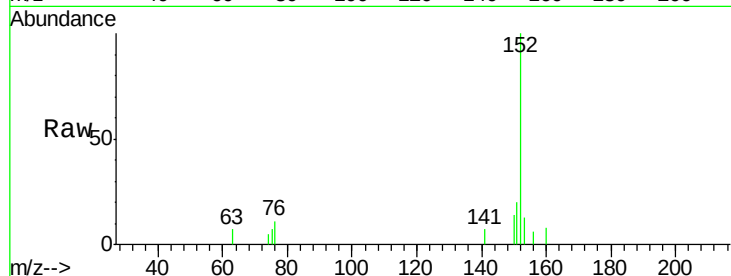
Tgt Ion:152 Resp: 12791

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

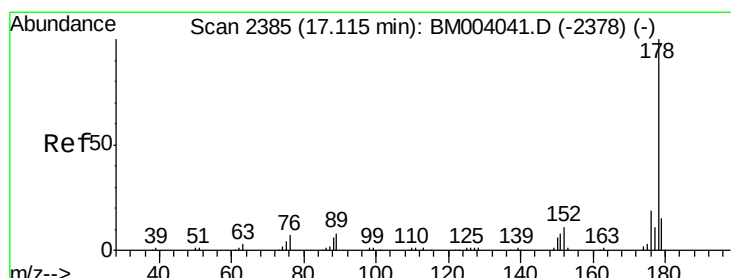
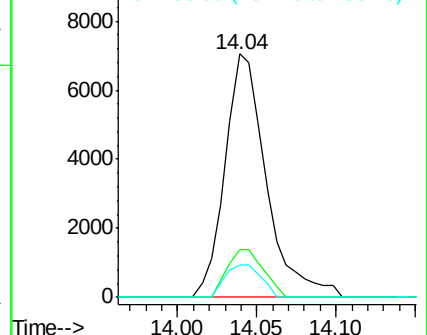
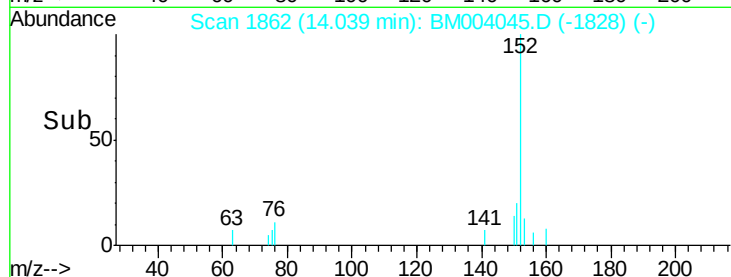
153 13.4 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#70

Phenanthrene

Concen: 8.02 ng/ul

RT: 17.12 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM004045.D

Acq: 15 Jan 2016 13:35

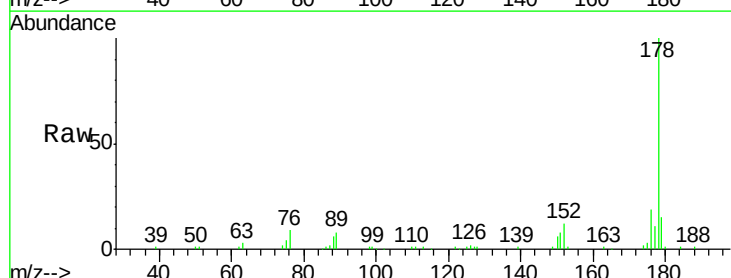
Tgt Ion:178 Resp: 115396

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

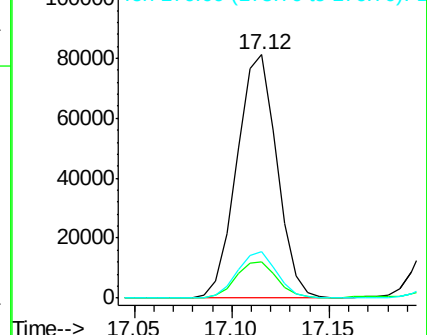
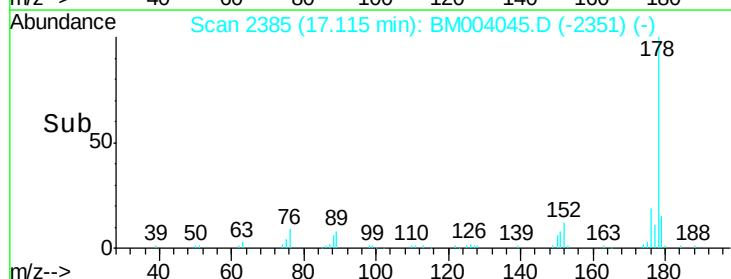
176 19.3 15.6 23.4

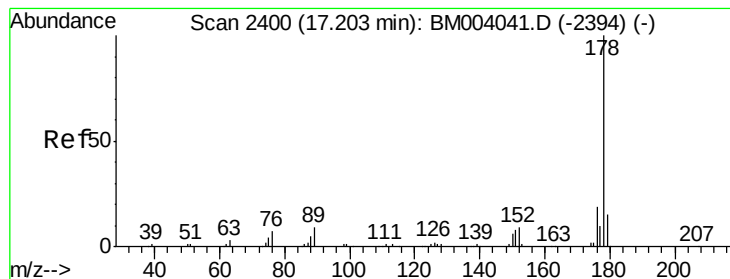


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.95 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM004045.D

Acq: 15 Jan 2016 13:35

Instrument :

BNA_M

ClientSampleId :

BC984

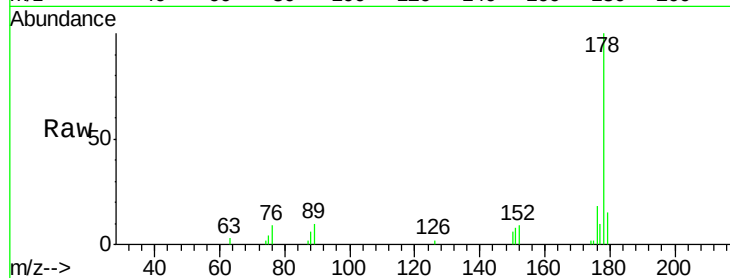
Tgt Ion:178 Resp: 28815

Ion Ratio Lower Upper

178 100

179 15.0 12.1 18.1

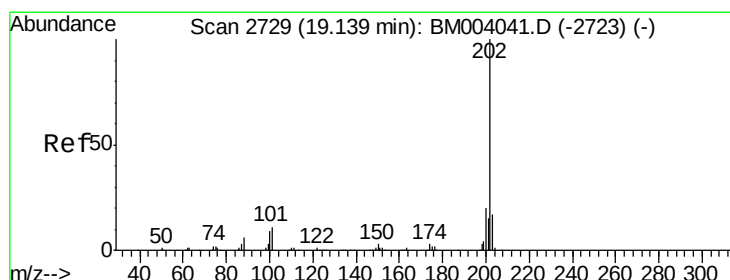
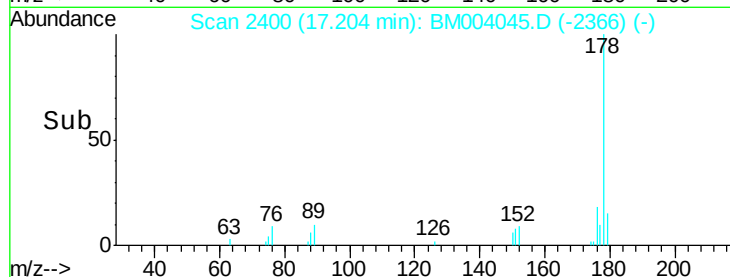
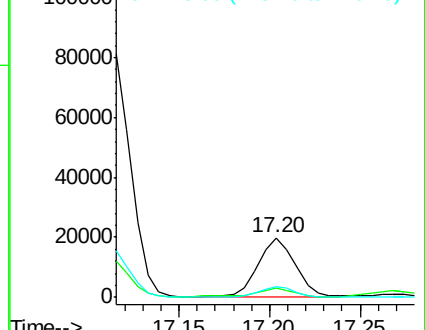
176 17.9 14.8 22.2



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



#77

Fluoranthene

Concen: 13.03 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM004045.D

Acq: 15 Jan 2016 13:35

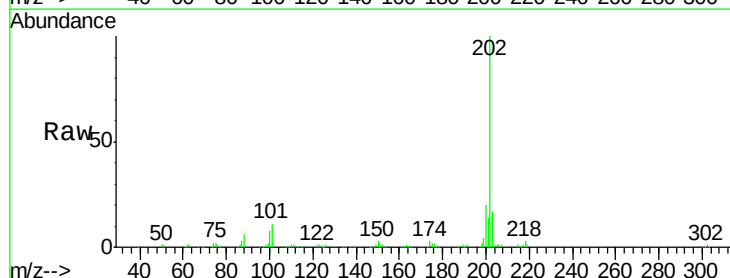
Tgt Ion:202 Resp: 194952

Ion Ratio Lower Upper

202 100

101 11.1 8.8 13.2

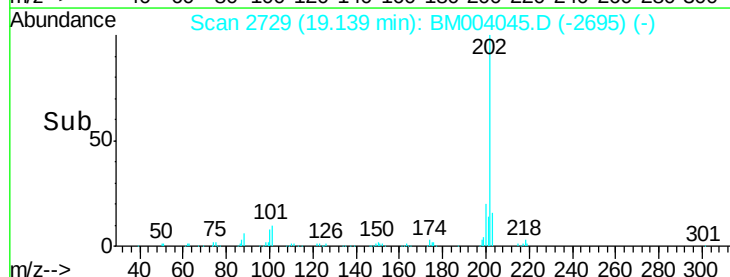
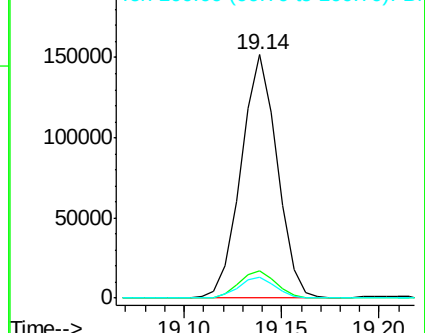
100 8.4 6.6 9.8

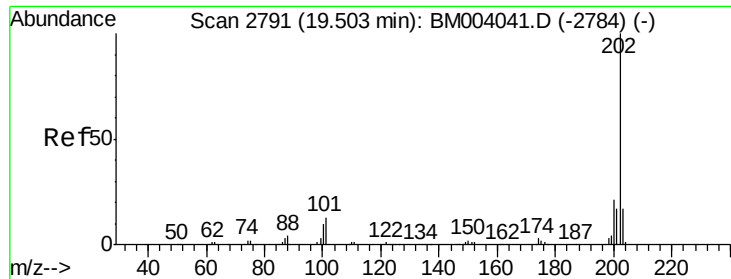


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

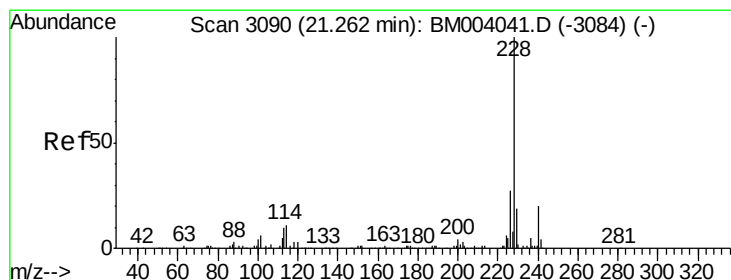
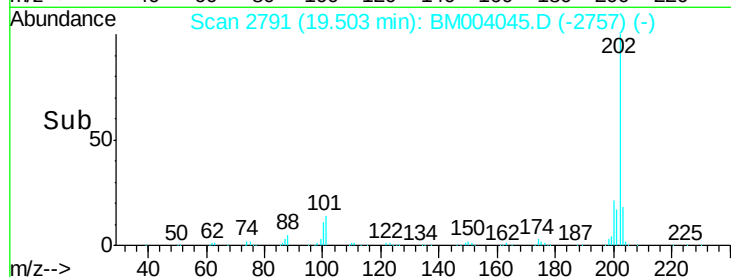
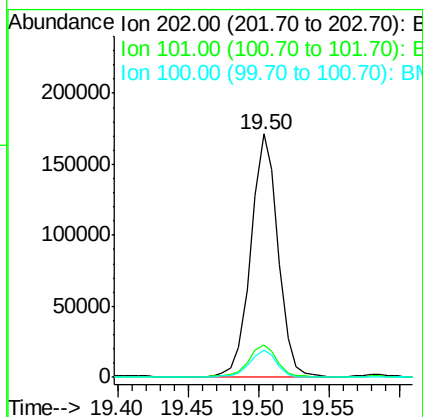
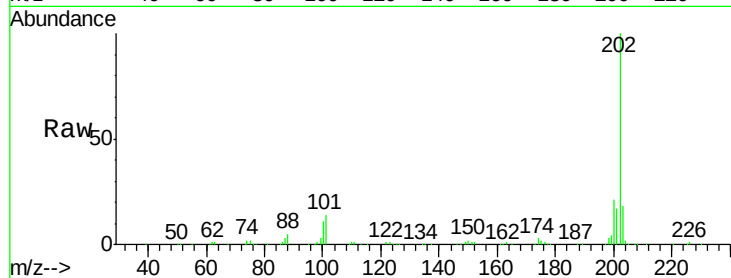




#80
 Pyrene
 Concen: 15.11 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004045.D
 Acq: 15 Jan 2016 13:35

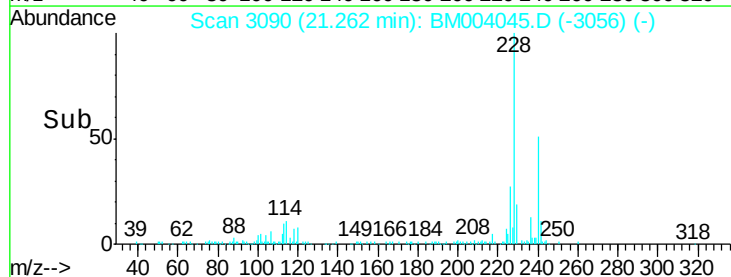
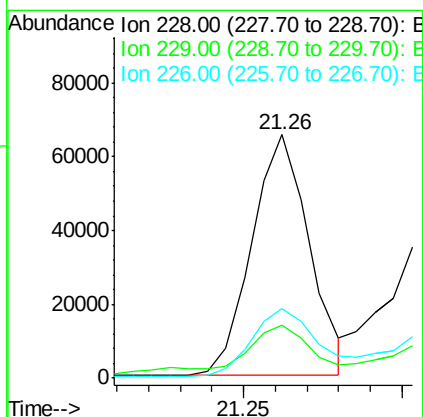
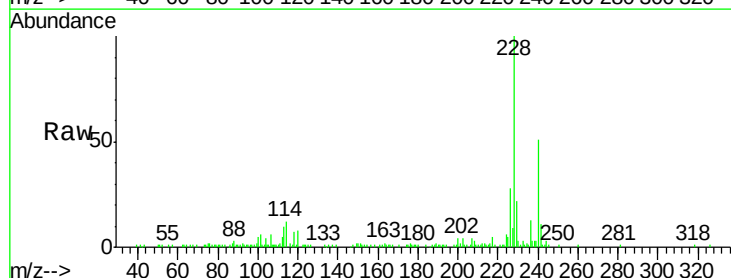
Instrument :
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 ClientSampleId :
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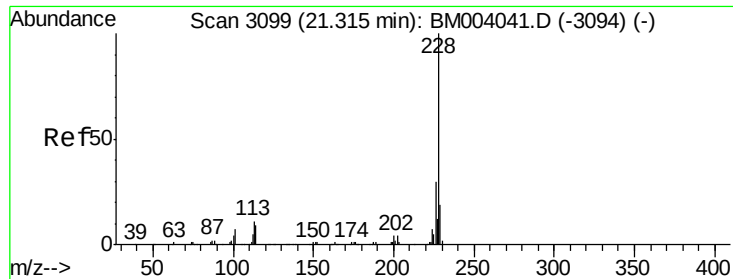
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.2	15.2
100	11.0	8.5	12.7



#83
 Benzo(a)anthracene
 Concen: 6.10 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM004045.D
 Acq: 15 Jan 2016 13:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	28.5	21.8	32.6





#85

Chrysene

Concen: 7.93 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM004045.D

Acq: 15 Jan 2016 13:35

Instrument :

BNA_M

ClientSampleId :

BC984

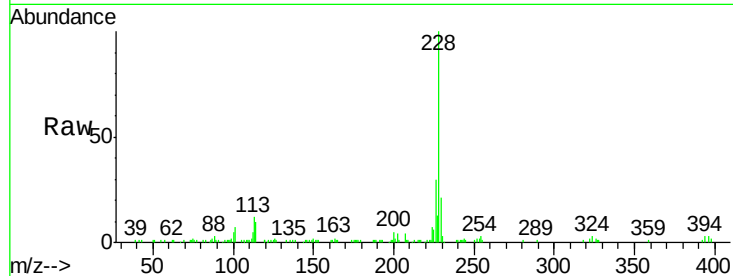
Tgt Ion:228 Resp: 101482

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

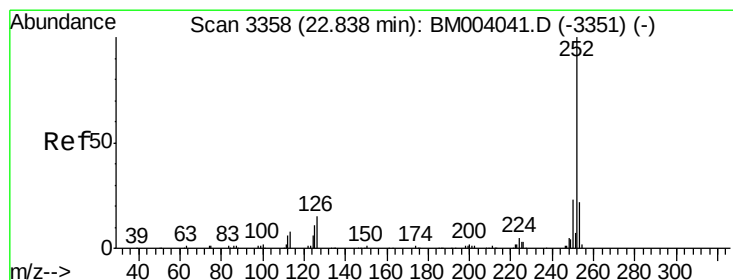
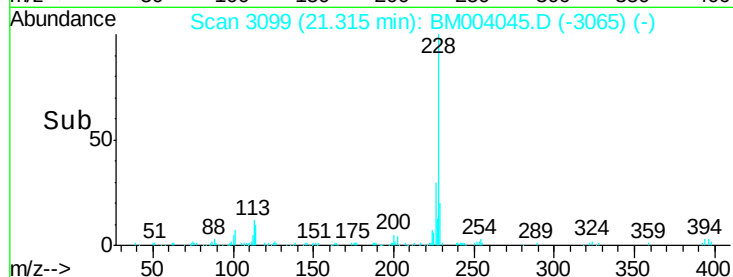
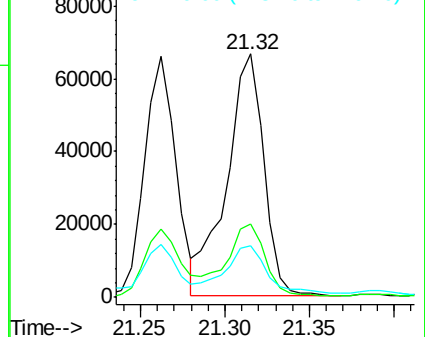
229 21.3 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 7.59 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM004045.D

Acq: 15 Jan 2016 13:35

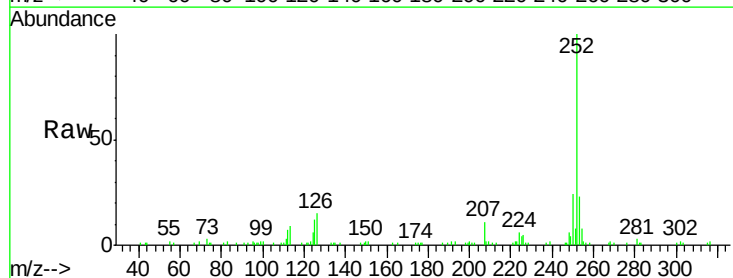
Tgt Ion:252 Resp: 92585

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

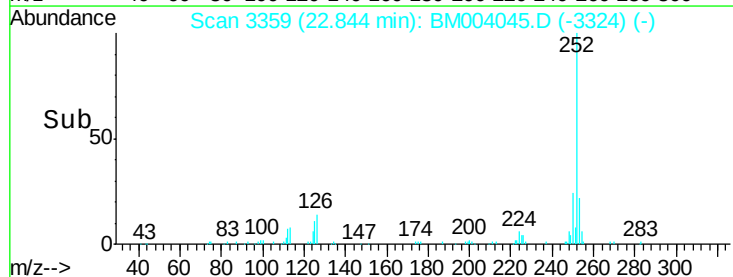
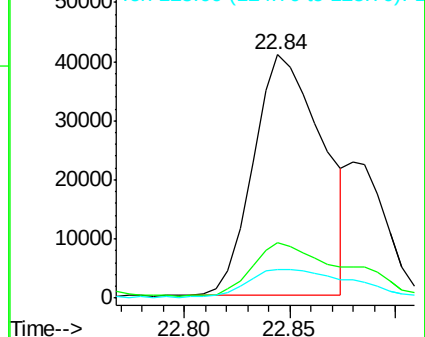
125 11.8 8.5 12.7

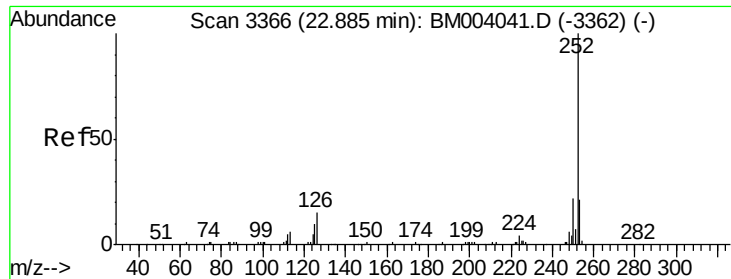


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.20 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. -0.04 min

Lab File: BM004045.D

Acq: 15 Jan 2016 13:35

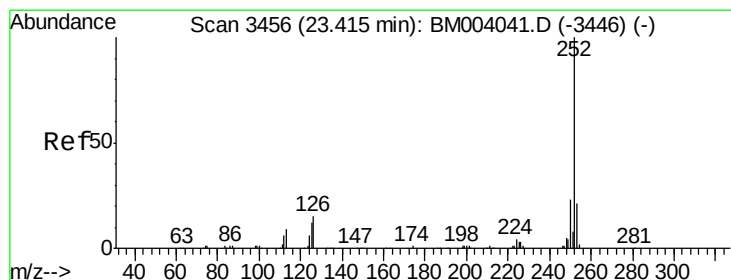
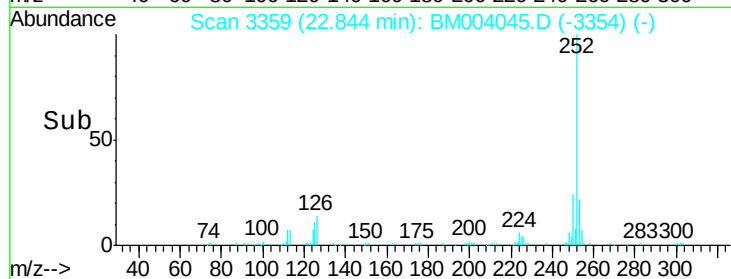
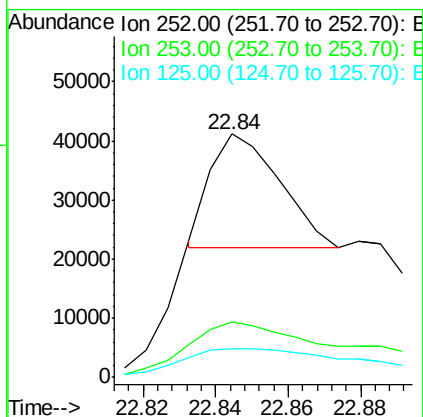
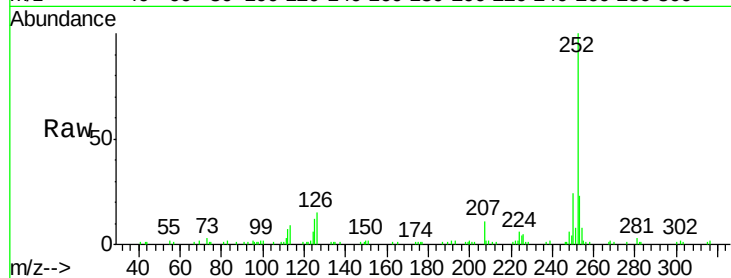
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	252	Resp:	25589
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.3	25.9
125	11.8	8.2	12.2



#91

Benzo(a)pyrene

Concen: 6.60 ng/ul

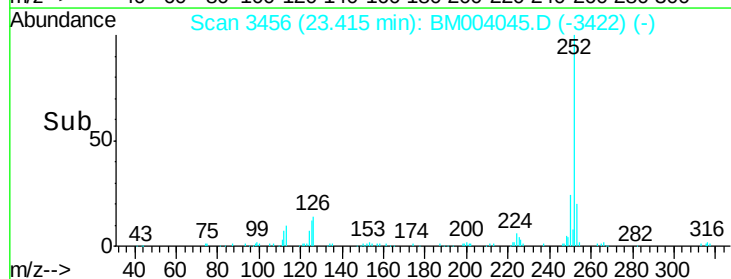
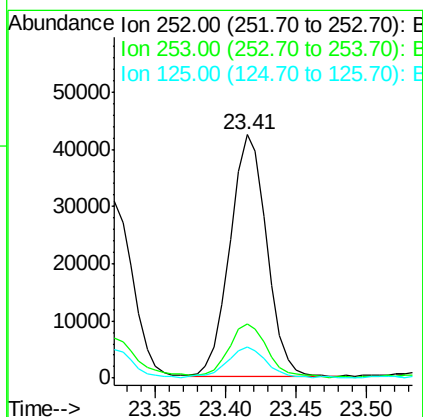
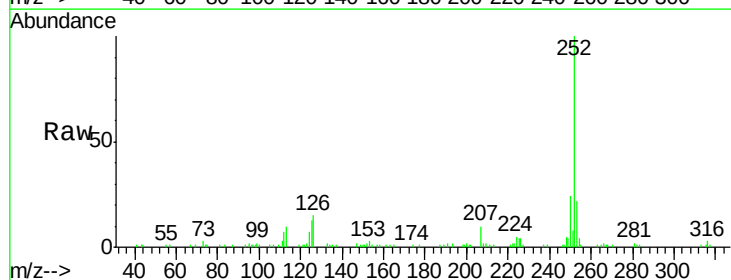
RT: 23.41 min Scan# 3456

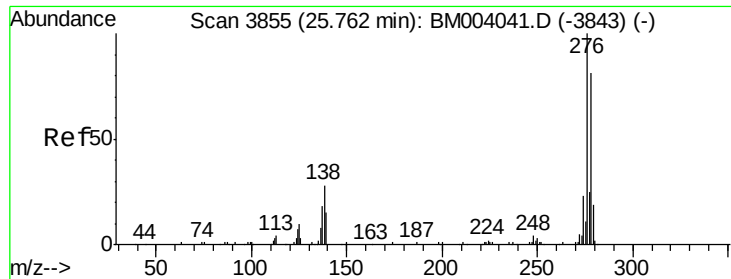
Delta R.T. 0.00 min

Lab File: BM004045.D

Acq: 15 Jan 2016 13:35

Tgt Ion:	252	Resp:	76296
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.2	25.8
125	12.7	9.0	13.6





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.52 ng/ul

RT: 25.76 min Scan# 3855

Delta R.T. 0.00 min

Lab File: BM004045.D

Acq: 15 Jan 2016 13:35

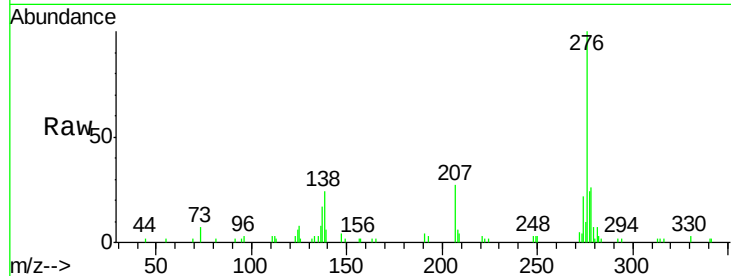
Instrument :

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ClientSampleId :

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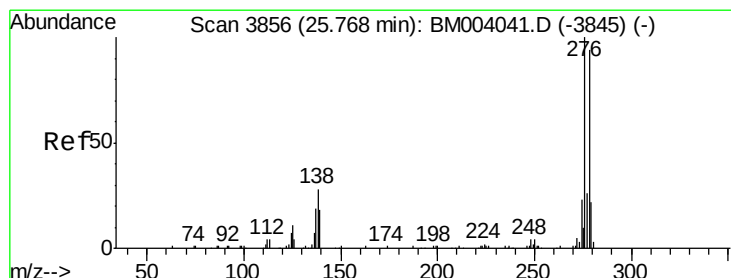
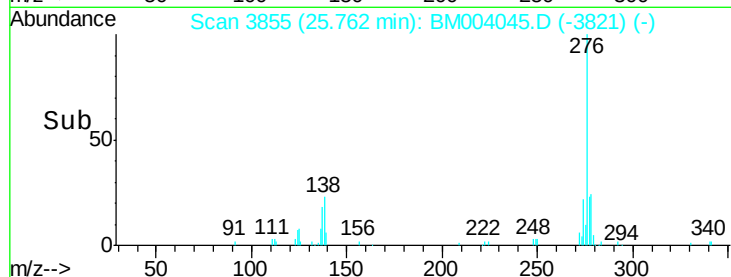
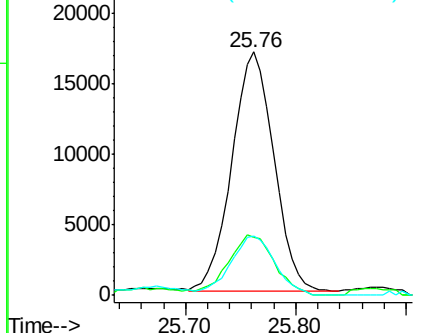
Tgt Ion:	276	Resp:	45087
Ion	Ratio	Lower	Upper
276	100		
138	23.8	22.3	33.5
277	24.3	20.2	30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 1.39 ng/ul

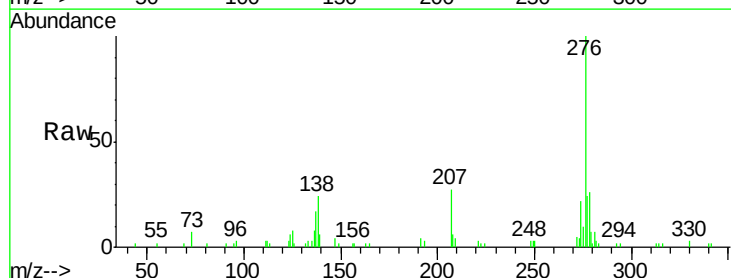
RT: 25.76 min Scan# 3855

Delta R.T. -0.01 min

Lab File: BM004045.D

Acq: 15 Jan 2016 13:35

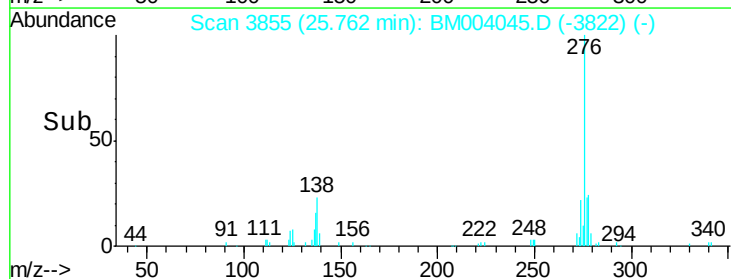
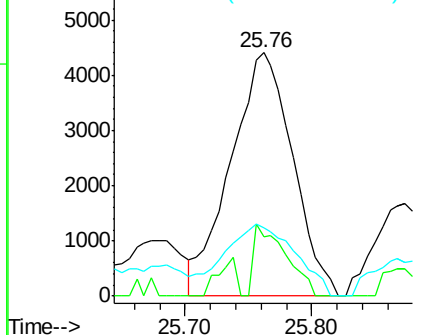
Tgt Ion:	278	Resp:	14928
Ion	Ratio	Lower	Upper
278	100		
139	24.5	13.9	20.9#
279	28.3	19.0	28.4

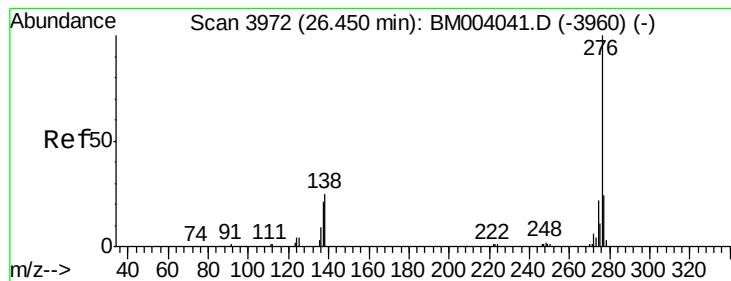


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 4.10 ng/ul

RT: 26.45 min Scan# 3972

Delta R.T. 0.00 min

Lab File: BM004045.D

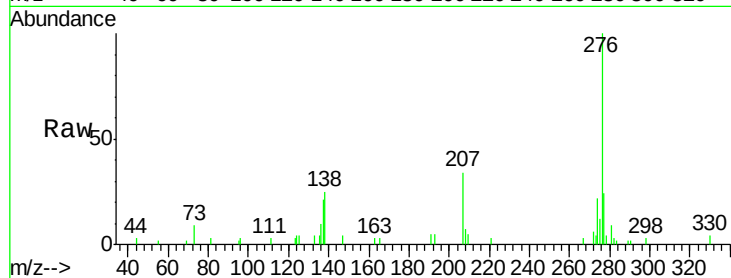
Acq: 15 Jan 2016 13:35

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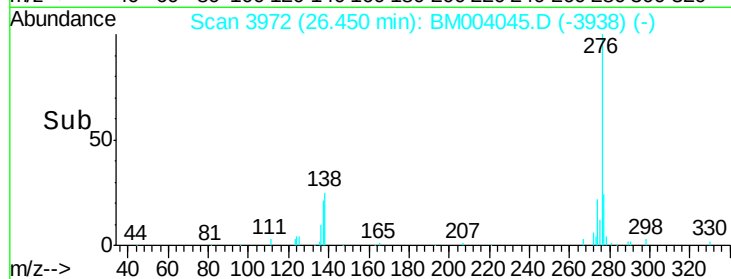
Tgt Ion: 276 Resp: 44078

Ion Ratio Lower Upper

276 100

138 25.3 18.9 28.3

277 24.0 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

