

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043016\
 Data File : BM005164.D
 Acq On : 30 Apr 2016 04:46
 Operator : UM/SJ
 Sample : H2729-03 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3D1

Quant Time: May 01 05:08:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 01 04:14:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	38740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	182046	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	114597	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	265022	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	264714	20.00	ng/ul	-0.01
83) Perylene-d12	23.64	264	207725	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	618	0.81	ng/uL	0.00
5) Phenol-d5	6.96	99	14719	4.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	9685	5.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	12164	4.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	11994	4.41	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	5506	4.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	5750	4.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	11813	4.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	11335	3.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	46815	5.17	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	54223	5.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	2515	1.59	ng/ul	0.00
57) Fluorene-d10	15.42	176	43430	5.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	2643	1.75	ng/ul	0.00
70) Anthracene-d10	17.27	188	69679	5.86	ng/ul	0.00
76) Pyrene-d10	19.57	212	79196	6.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	55043	5.91	ng/ul	0.00

Target Compounds

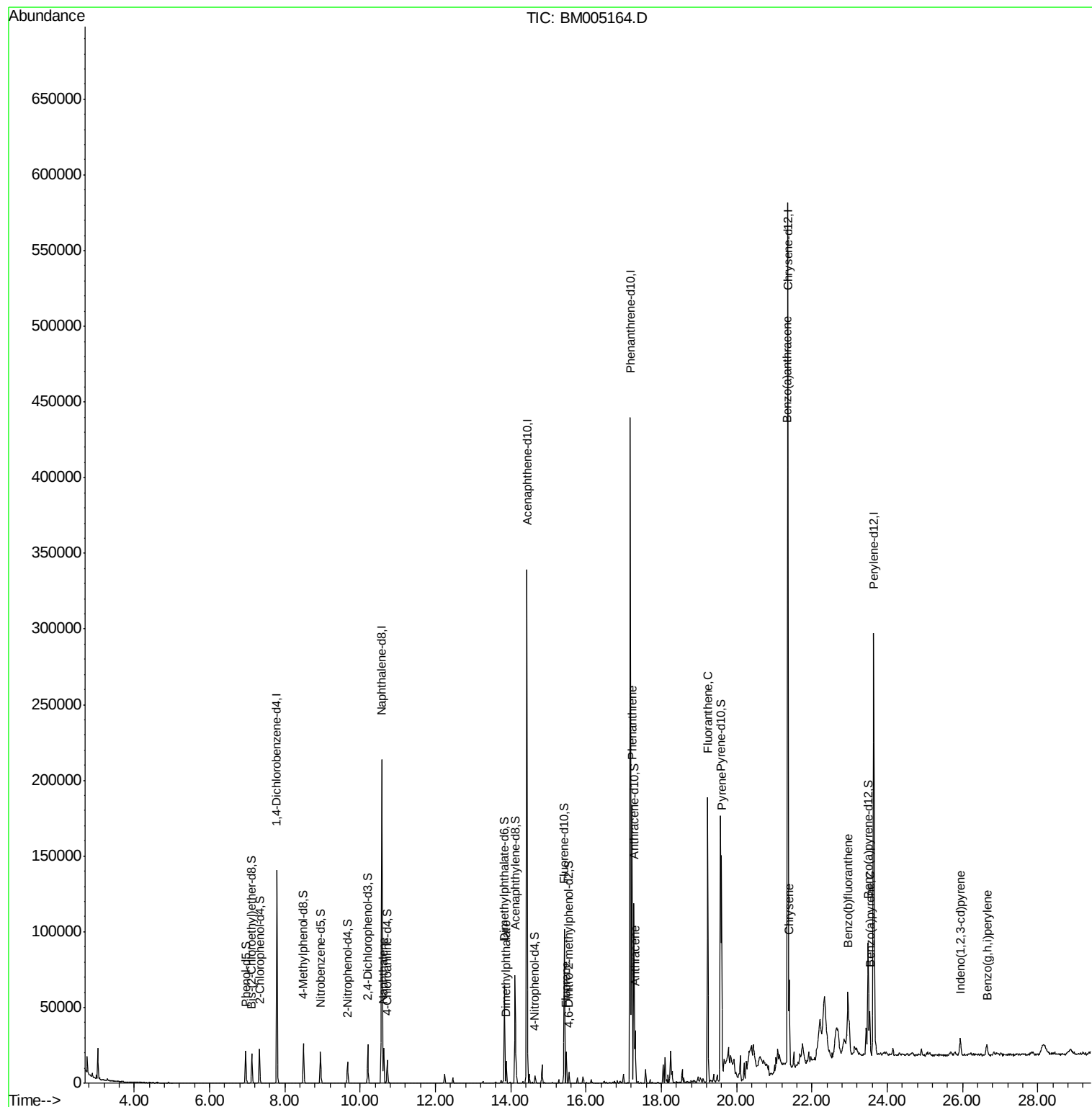
						Qvalue
28) Naphthalene	10.62	128	20746	2.26	ng/ul	100
44) Dimethylphthalate	13.88	163	11619	1.28	ng/ul	100
58) Fluorene	15.47	166	10390	1.21	ng/ul	97
69) Phenanthrene	17.22	178	110480	7.83	ng/ul	99
71) Anthracene	17.30	178	24602	1.73	ng/ul	99
74) Fluoranthene	19.23	202	114325	7.36	ng/ul	99
77) Pyrene	19.60	202	97905	6.40	ng/ul	99
80) Benzo(a)anthracene	21.34	228	39504	2.61	ng/ul	98
82) Chrysene	21.40	228	32896	2.27	ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	34010	2.72	ng/ul	98
88) Benzo(a)pyrene	23.53	252	24005	2.05	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.93	276	11828	1.06	ng/ul	95
91) Benzo(g,h,i)perylene	26.64	276	9907	1.09	ng/ul	98

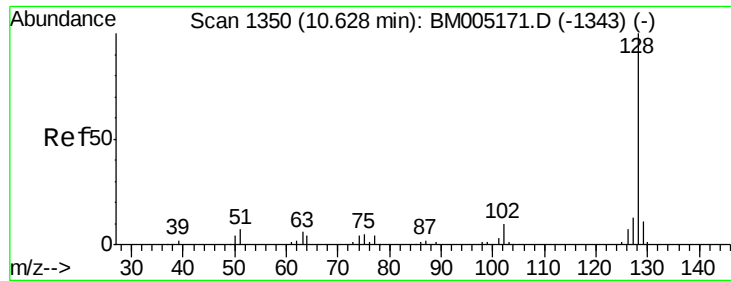
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043016\
Data File : BM005164.D
Acq On : 30 Apr 2016 04:46
Operator : UM/SJ
Sample : H2729-03 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3D1

Quant Time: May 01 05:08:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 01 04:14:40 2016
Response via : Initial Calibration

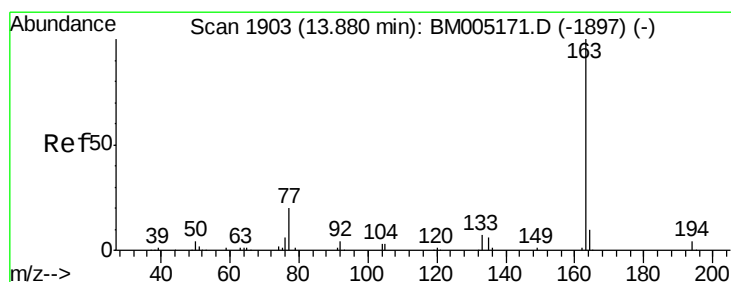
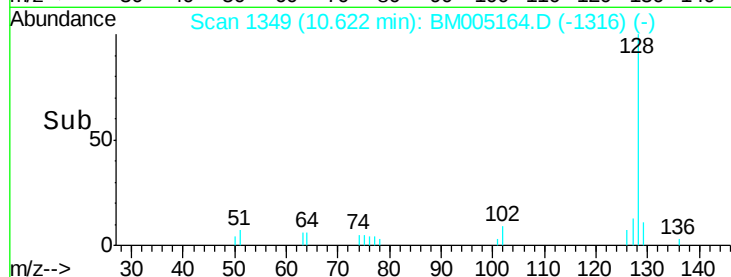
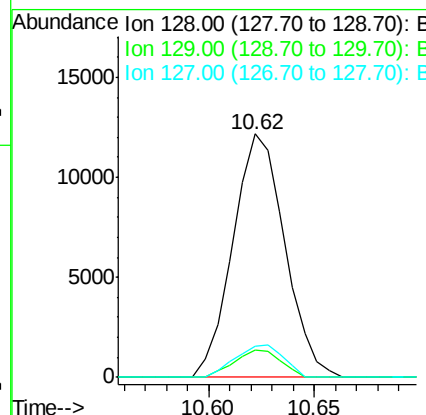
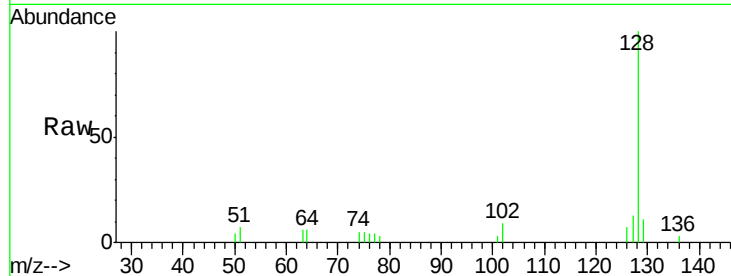




#28
Naphthalene
Concen: 2.26 ng/ul
RT: 10.62 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BM005164.D
Acq: 30 Apr 2016 04:46

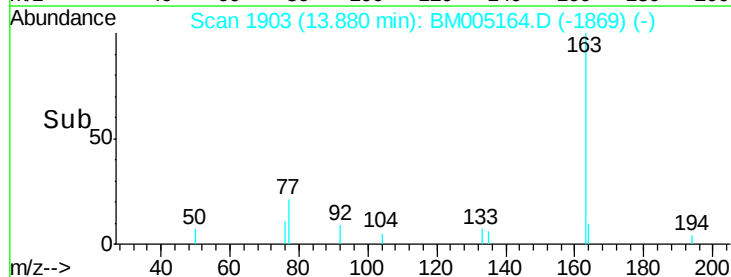
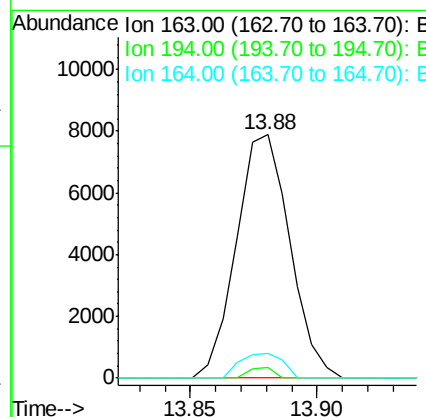
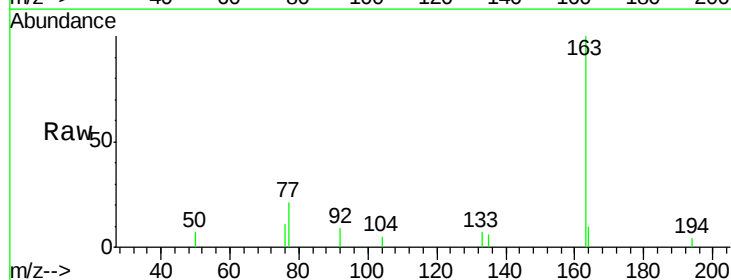
Instrument :
BNA_M
ClientSampleId :
BD3D1

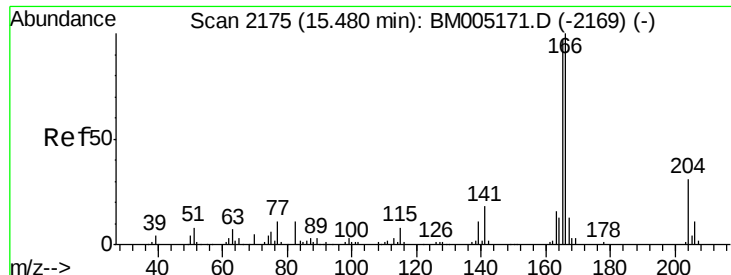
Tgt Ion:128 Resp: 20746
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.6 15.8



#44
Dimethylphthalate
Concen: 1.28 ng/ul
RT: 13.88 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BM005164.D
Acq: 30 Apr 2016 04:46

Tgt Ion:163 Resp: 11619
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.2 12.2





#58

Fluorene

Concen: 1.21 ng/ul

RT: 15.47 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

Instrument :

BNA_M

ClientSampleId :

BD3D1

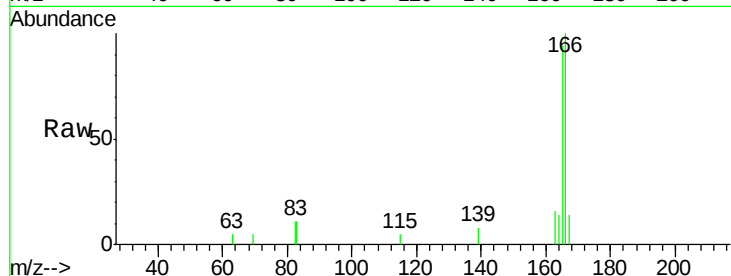
Tgt Ion:166 Resp: 10390

Ion Ratio Lower Upper

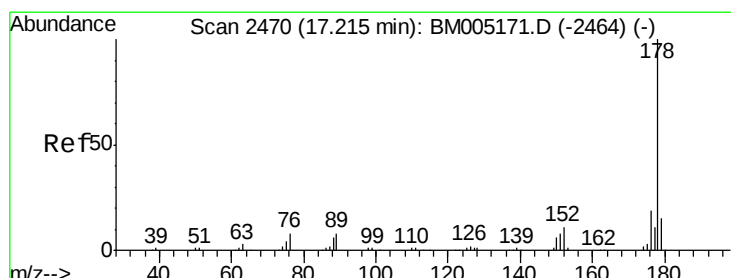
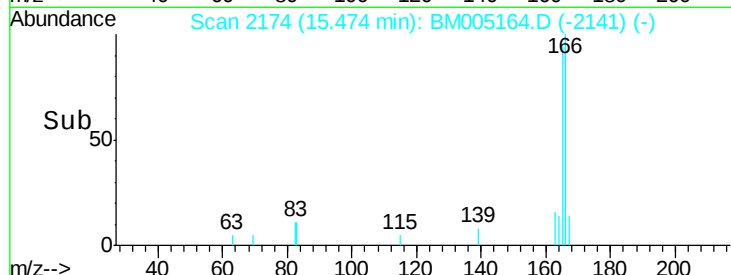
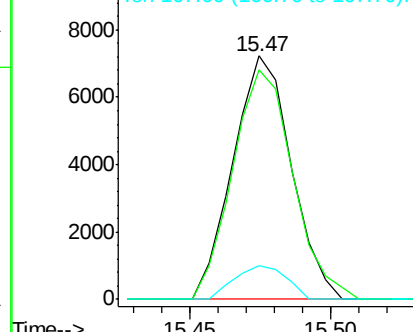
166 100

165 94.1 77.7 116.5

167 13.9 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 7.83 ng/ul

RT: 17.22 min Scan# 2470

Delta R.T. 0.00 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

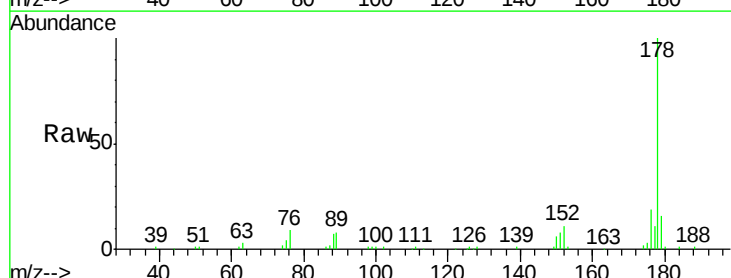
Tgt Ion:178 Resp: 110480

Ion Ratio Lower Upper

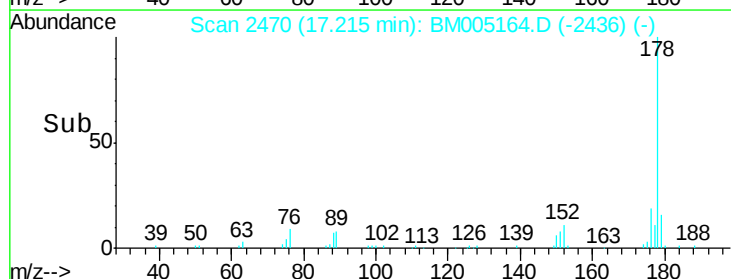
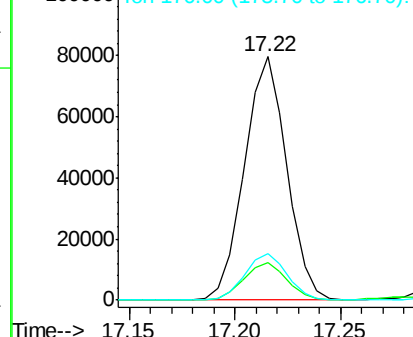
178 100

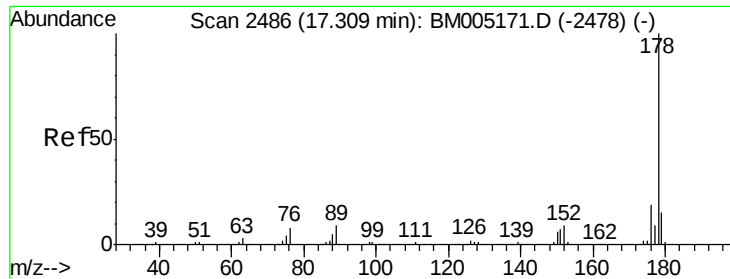
179 15.5 11.8 17.8

176 19.1 15.2 22.8



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

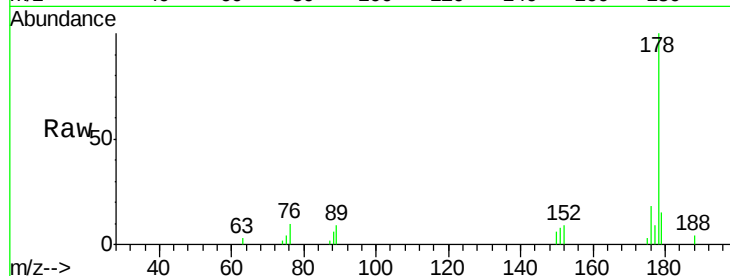




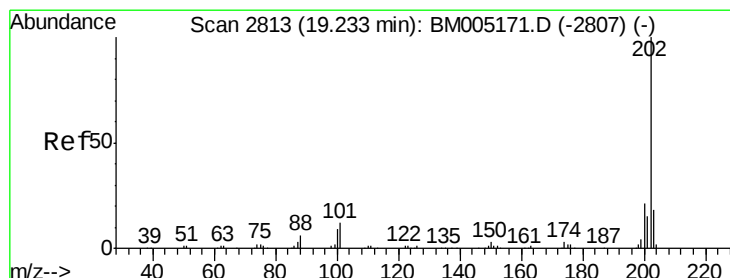
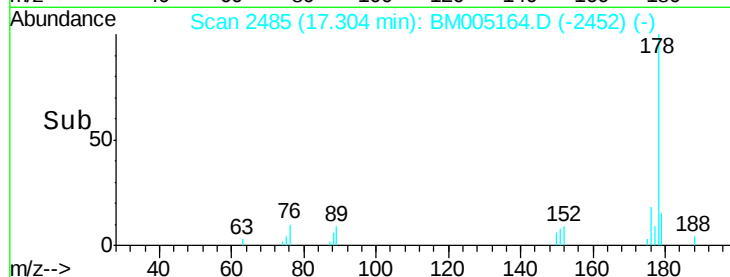
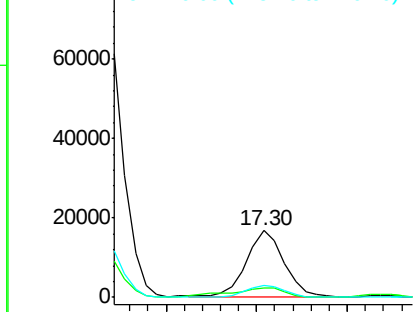
#71
 Anthracene
 Concen: 1.73 ng/ul
 RT: 17.30 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BM005164.D
 Acq: 30 Apr 2016 04:46

Instrument :
 BNA_M
 ClientSampleId :
 BD3D1

Tgt Ion:178 Resp: 24602
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.1 18.1
 176 17.8 14.6 22.0

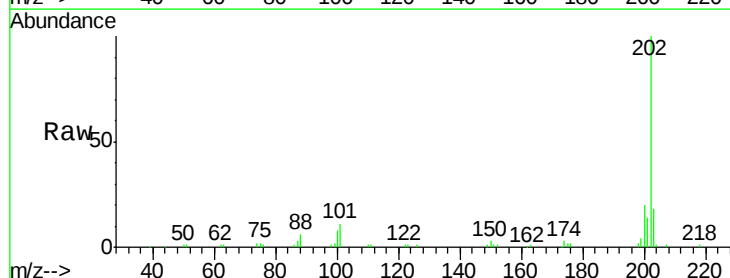


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

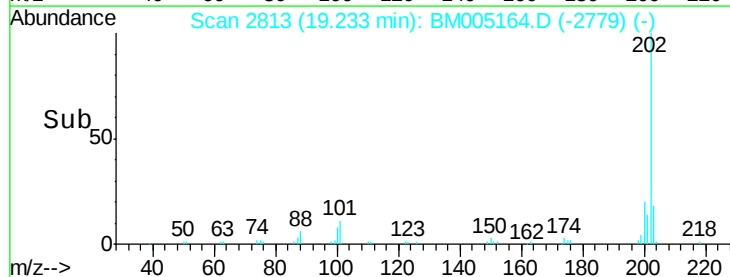
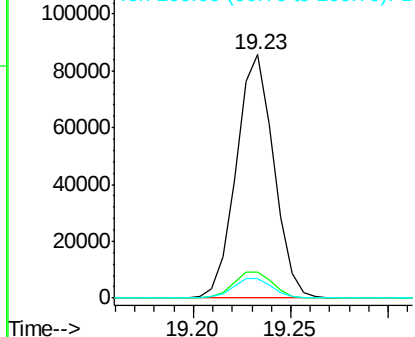


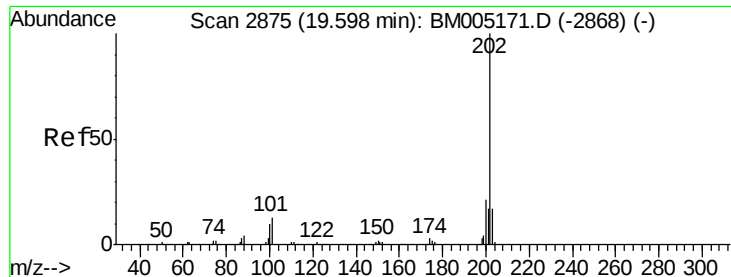
#74
 Fluoranthene
 Concen: 7.36 ng/ul
 RT: 19.23 min Scan# 2813
 Delta R.T. 0.00 min
 Lab File: BM005164.D
 Acq: 30 Apr 2016 04:46

Tgt Ion:202 Resp: 114325
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.0 13.4
 100 8.1 6.6 10.0



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





#77

Pyrene

Concen: 6.40 ng/ul

RT: 19.60 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

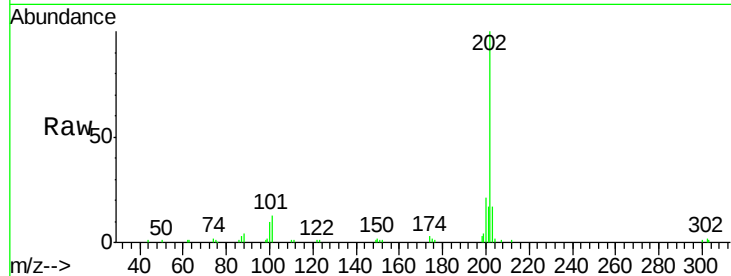
Instrument :

BNA_M

ClientSampleId :

BD3D1

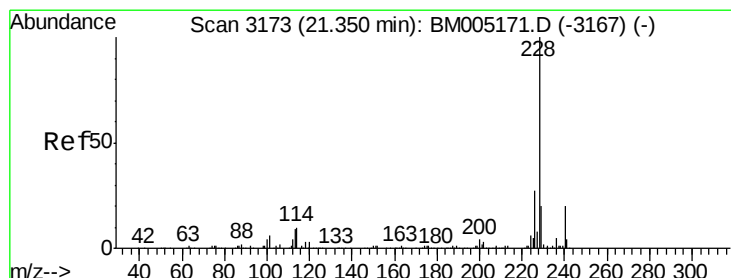
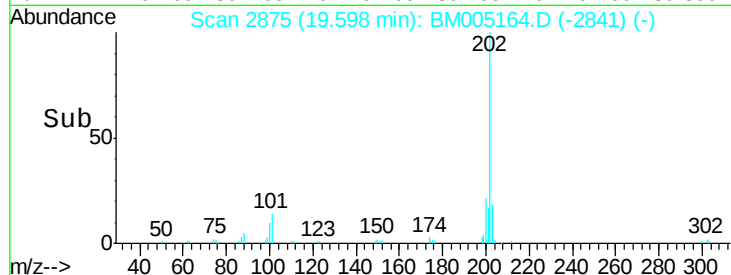
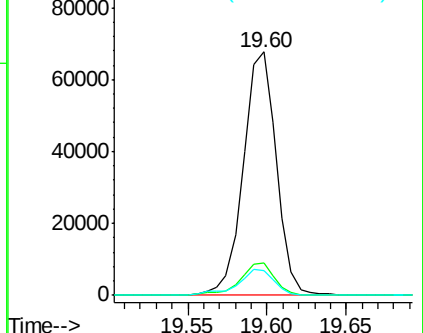
Tgt Ion:	202	Resp:	97905
Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.5	15.7
100	10.1	8.2	12.2



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

Benzo(a)anthracene

Concen: 2.61 ng/ul

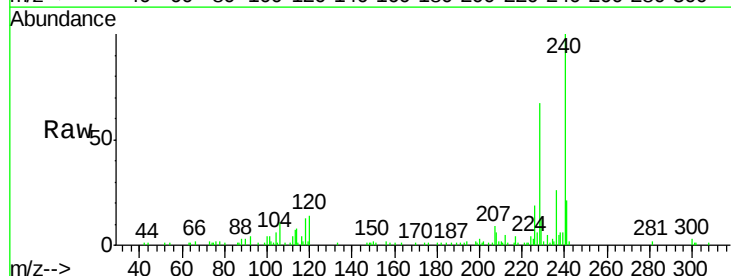
RT: 21.34 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

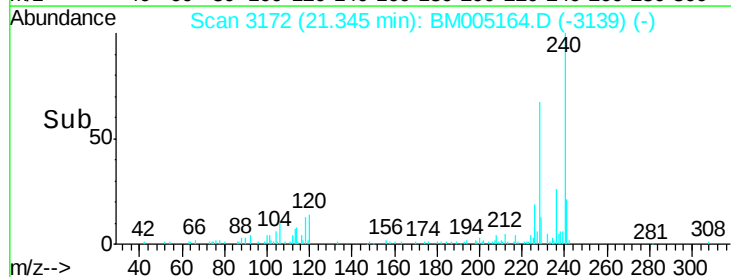
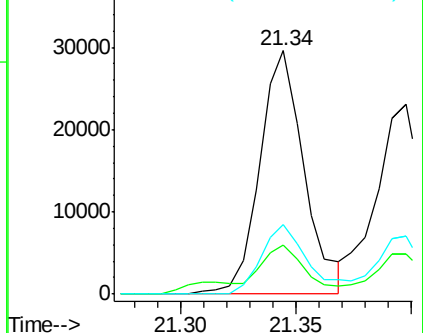
Tgt Ion:	228	Resp:	39504
Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	28.8	21.5	32.3

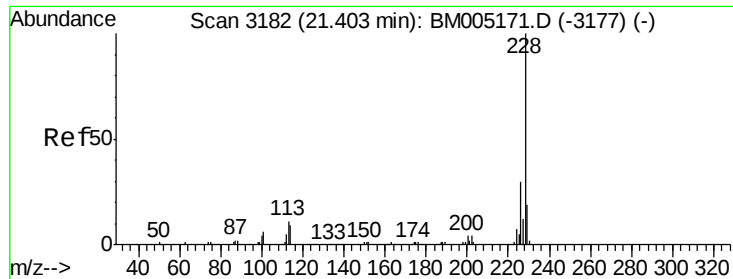


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.27 ng/ul

RT: 21.40 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

Instrument :

BNA_M

ClientSampleId :

BD3D1

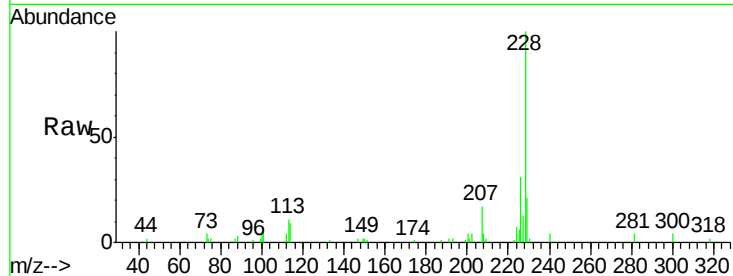
Tgt Ion:228 Resp: 32896

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

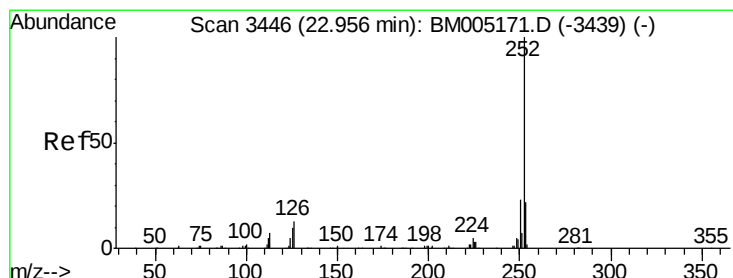
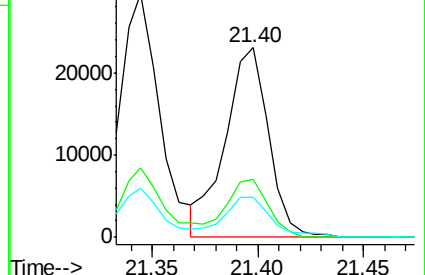
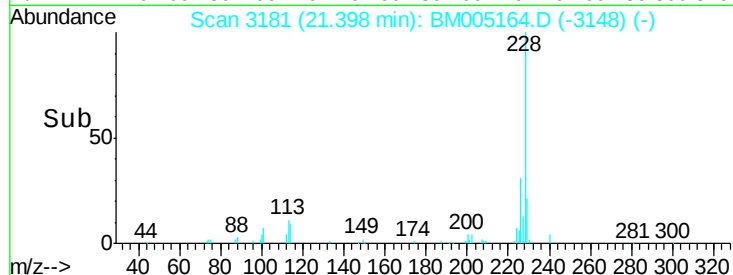
229 21.1 15.5 23.3



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



#85

Benzo(b)fluoranthene

Concen: 2.72 ng/ul

RT: 22.95 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

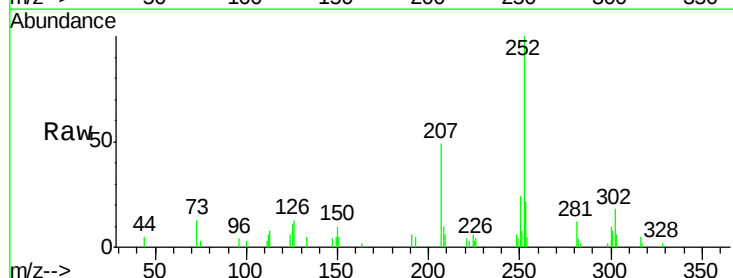
Tgt Ion:252 Resp: 34010

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

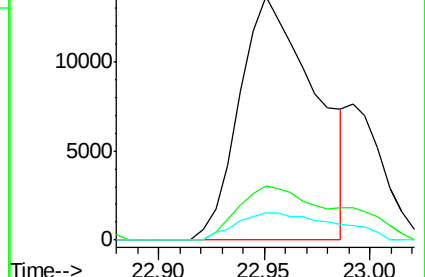
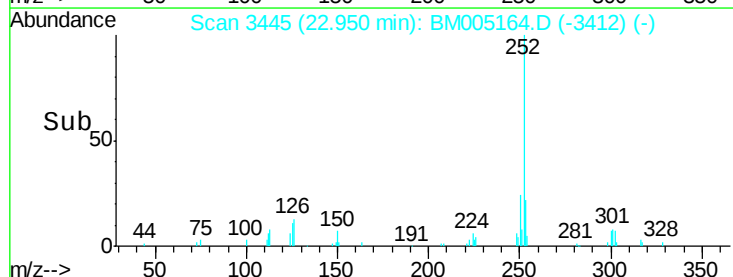
125 11.2 7.8 11.6

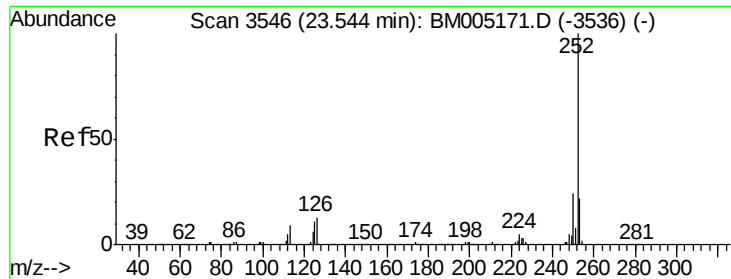


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.05 ng/ul

RT: 23.53 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

Instrument :

BNA_M

ClientSampleId :

BD3D1

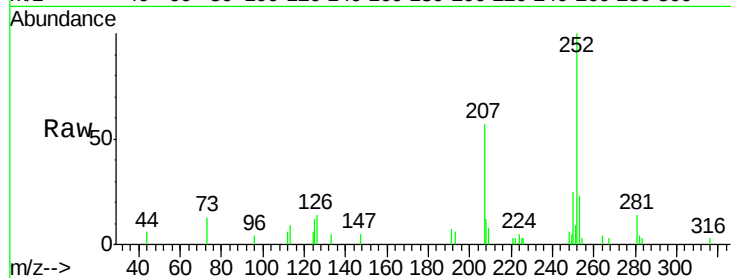
Tgt Ion:252 Resp: 24005

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

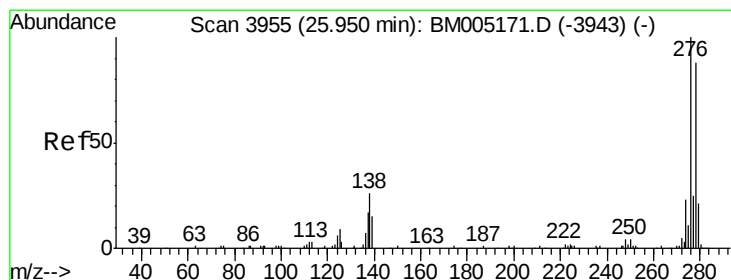
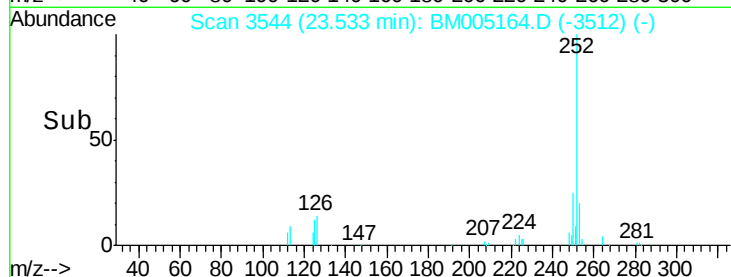
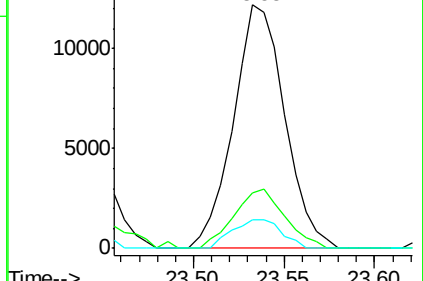
125 11.7 8.3 12.5



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

Indeno(1,2,3-cd)pyrene

Concen: 1.06 ng/ul

RT: 25.93 min Scan# 3952

Delta R.T. -0.02 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

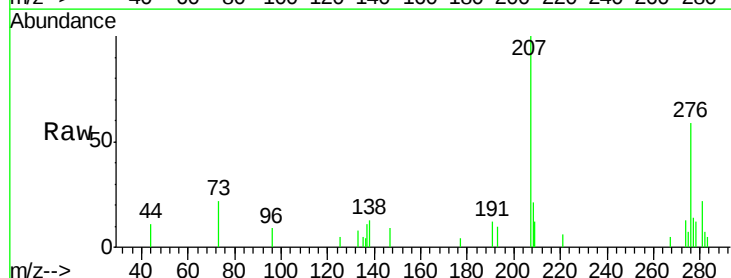
Tgt Ion:276 Resp: 11828

Ion Ratio Lower Upper

276 100

138 21.9 20.2 30.4

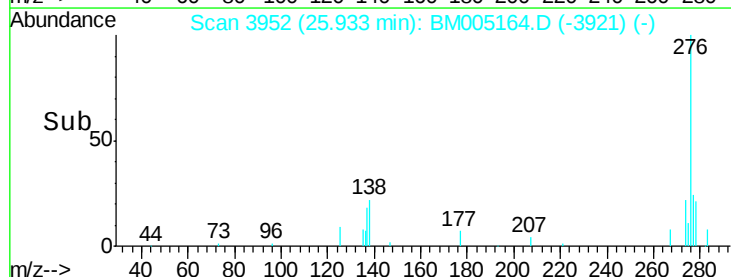
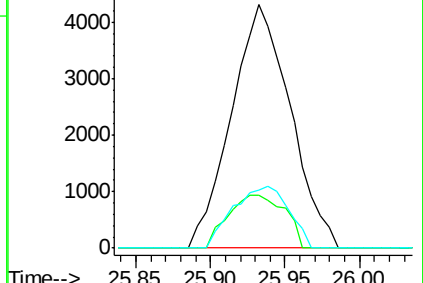
277 23.7 20.4 30.6

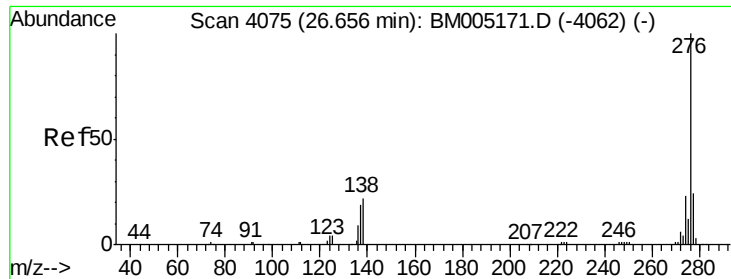


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.09 ng/ul

RT: 26.64 min Scan# 4073

Delta R.T. -0.01 min

Lab File: BM005164.D

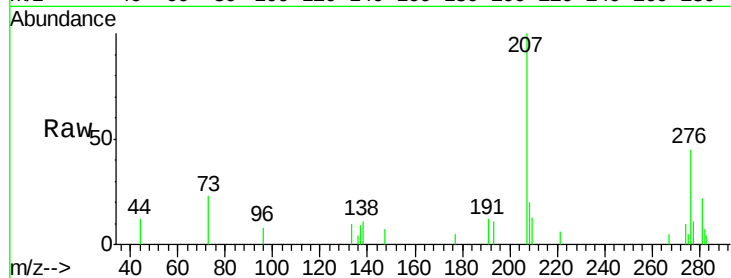
Acq: 30 Apr 2016 04:46

Instrument :

BNA_M

ClientSampleId :

BD3D1



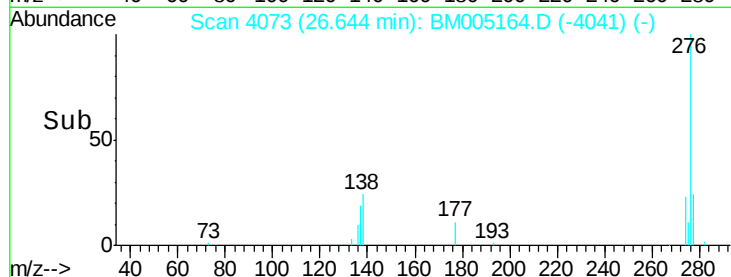
Tgt Ion: 276 Resp: 9907

Ion Ratio Lower Upper

276 100

138 23.7 17.4 26.2

277 23.9 19.0 28.4



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

