

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
 Data File : BM004363.D
 Acq On : 23 Feb 2016 23:10
 Operator : SJ/UM
 Sample : H1542-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0311-S27-0312

Quant Time: Feb 24 02:57:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 24 02:51:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	25006	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	107459	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	55870	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	114950	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	123427	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	127148	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	2065	4.35	ng/uL	0.00
5) Phenol-d5	6.82	99	42380	20.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	24612	23.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	39994	22.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	33605	17.94	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	18659	22.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	19856	21.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	33657	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	39790	18.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	114043	23.80	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	142448	25.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	6885	8.94	ng/ul	0.02
58) Fluorene-d10	15.28	176	98479	24.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	8898	12.60	ng/ul	0.00
71) Anthracene-d10	17.13	188	146838	26.07	ng/ul	0.00
79) Pyrene-d10	19.44	212	160426	26.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	172432	25.84	ng/ul	0.00

Target Compounds

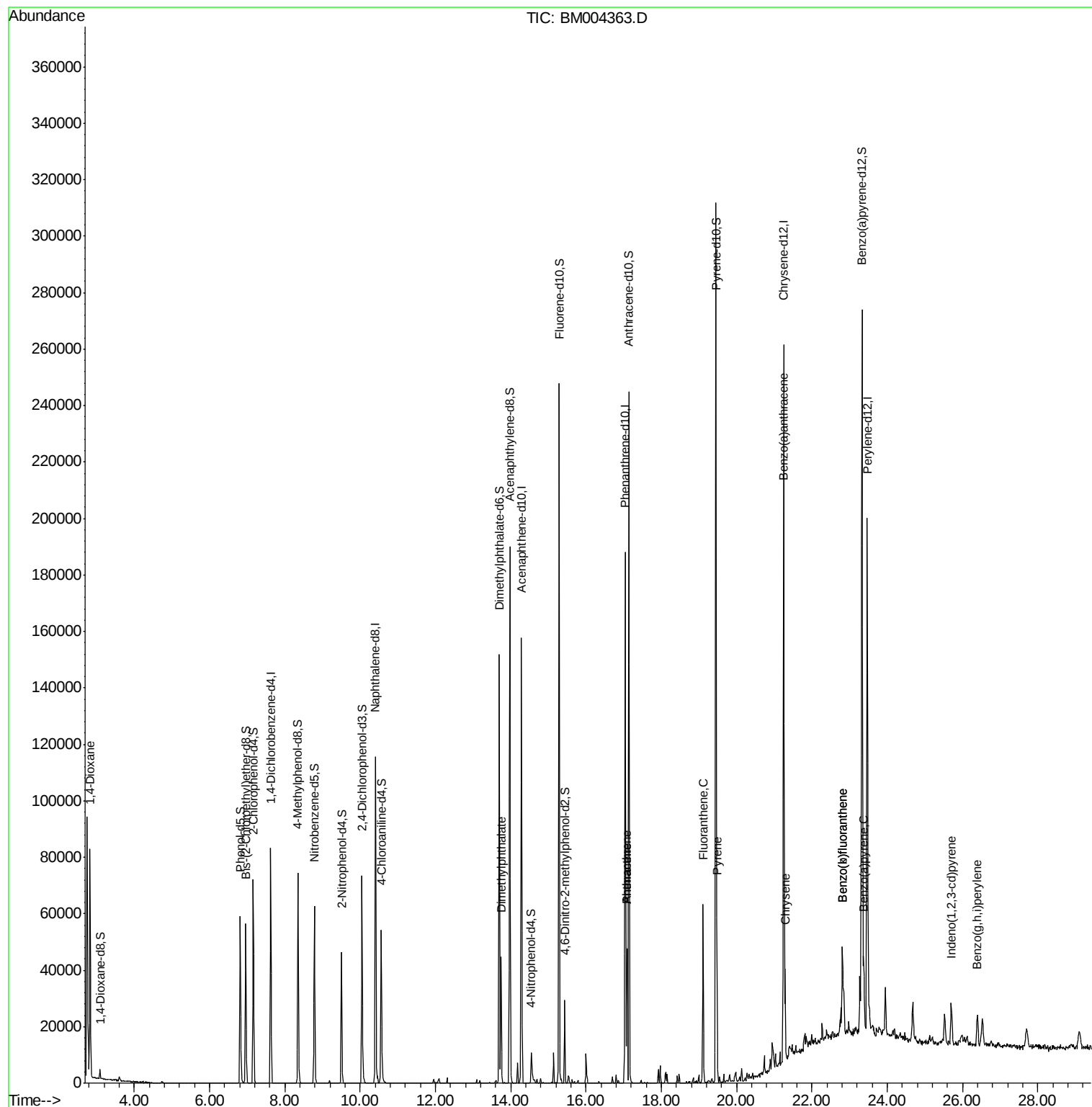
						Qvalue
2) 1,4-Dioxane	2.82	88	660	1.21	ng/uL#	1
45) Dimethylphthalate	13.74	163	32911	6.59	ng/ul	99
70) Phenanthrene	17.08	178	32152	4.66	ng/ul	100
72) Anthracene	17.08	178	32152	4.58	ng/ul	98
77) Fluoranthene	19.11	202	41509	5.31	ng/ul	99
80) Pyrene	19.47	202	34208	4.24	ng/ul	99
83) Benzo(a)anthracene	21.23	228	10001	1.26	ng/ul	95
85) Chrysene	21.29	228	19724	2.58	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	27341	3.18	ng/ul	97
89) Benzo(k)fluoranthene	22.80	252	16407	2.03	ng/ul#	97
91) Benzo(a)pyrene	23.37	252	16887	2.12	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.70	276	14797	1.98	ng/ul	96
94) Benzo(g,h,i)perylene	26.39	276	14572	2.37	ng/ul	99

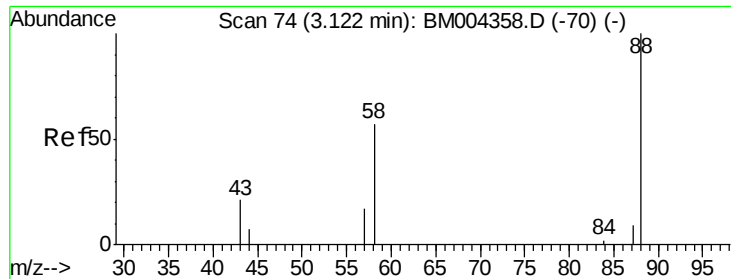
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004363.D
Acq On : 23 Feb 2016 23:10
Operator : SJ/UM
Sample : H1542-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0311-S27-0312

Quant Time: Feb 24 02:57:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 02:51:42 2016
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.21 ng/uL

RT: 2.82 min Scan# 23

Delta R.T. -0.30 min

Lab File: BM004363.D

Acq: 23 Feb 2016 23:10

Instrument :

BNA_M

ClientSampleId :

0311-S27-0312

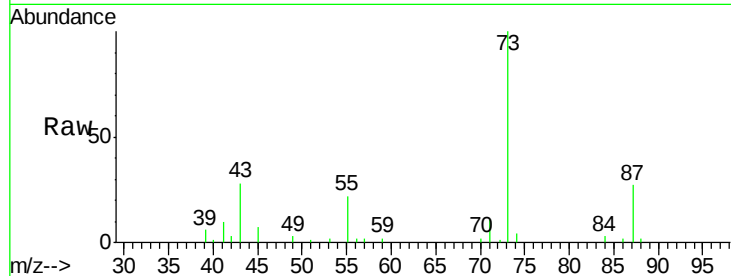
Tgt Ion: 88 Resp: 660

Ion Ratio Lower Upper

88 100

43 1940.5 21.0 31.6#

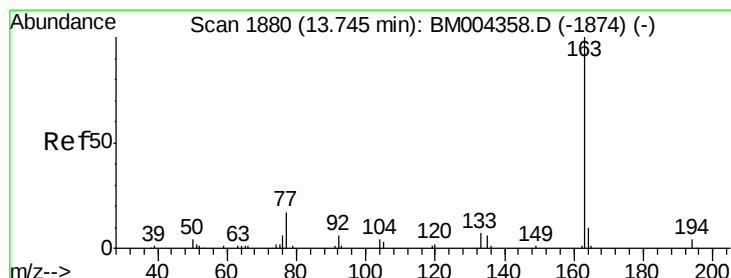
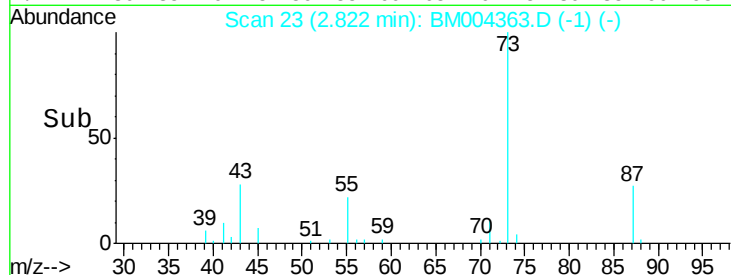
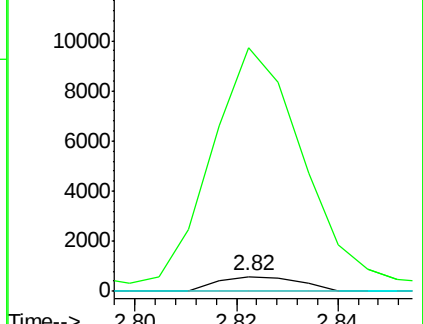
58 0.0 47.8 71.8#



Abundance Ion 88.00 (87.70 to 88.70): BM004358.D (-70) (-)

Ion 43.00 (42.70 to 43.70): BM004358.D (-70) (-)

Ion 58.00 (57.70 to 58.70): BM004358.D (-70) (-)



#45

Dimethylphthalate

Concen: 6.59 ng/uL

RT: 13.74 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BM004363.D

Acq: 23 Feb 2016 23:10

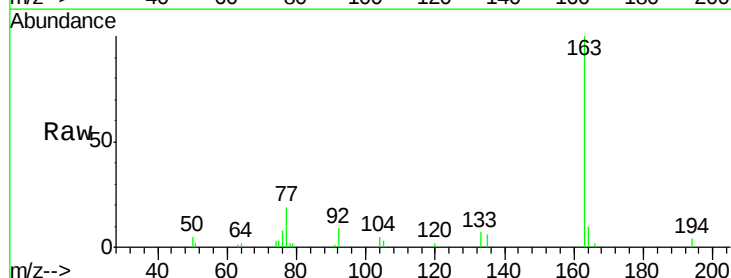
Tgt Ion: 163 Resp: 32911

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

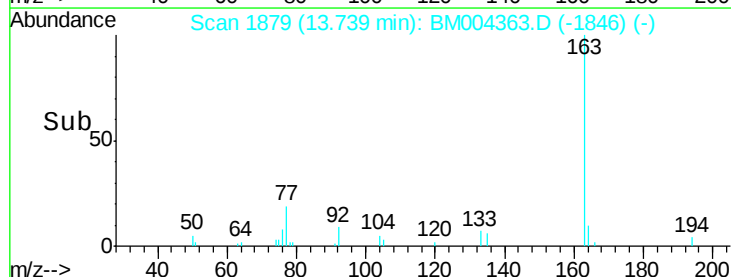
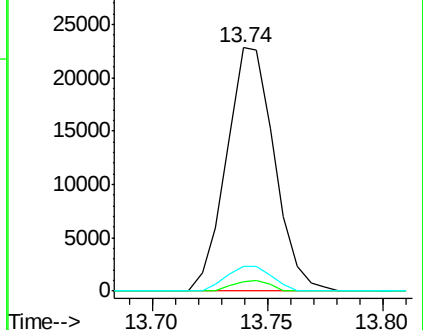
164 10.2 7.8 11.8

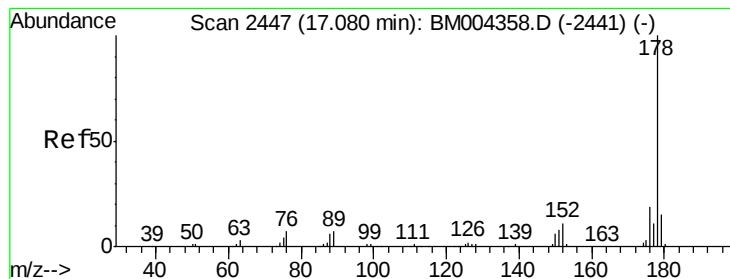


Abundance Ion 163.00 (162.70 to 163.70): BM004358.D (-1874) (-)

Ion 194.00 (193.70 to 194.70): BM004358.D (-1874) (-)

Ion 164.00 (163.70 to 164.70): BM004358.D (-1874) (-)





#70

Phenanthrene

Concen: 4.66 ng/ul

RT: 17.08 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BM004363.D

Acq: 23 Feb 2016 23:10

Instrument :

BNA_M

ClientSampleId :

0311-S27-0312

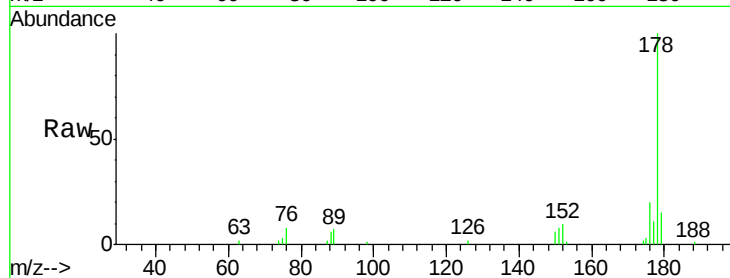
Tgt Ion:178 Resp: 32152

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.4

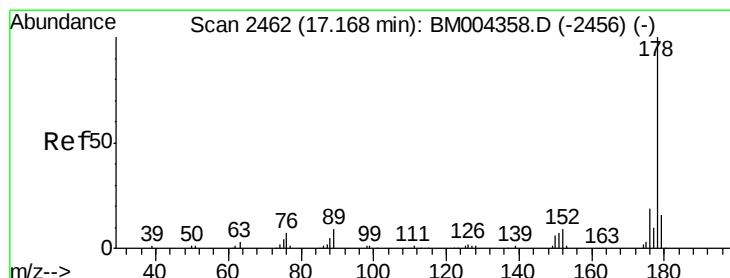
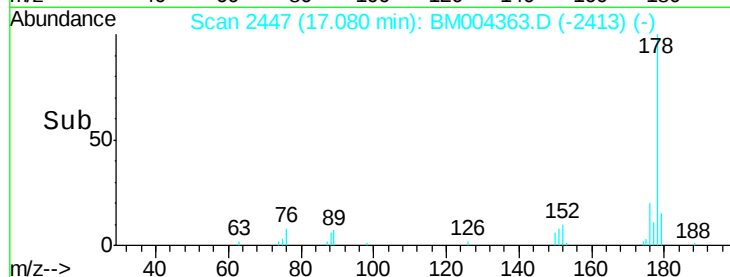
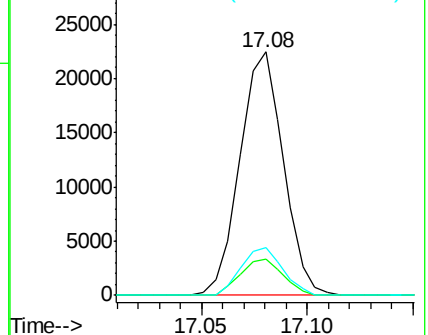
176 19.6 15.6 23.4



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: 4.58 ng/ul

RT: 17.08 min Scan# 2447

Delta R.T. -0.09 min

Lab File: BM004363.D

Acq: 23 Feb 2016 23:10

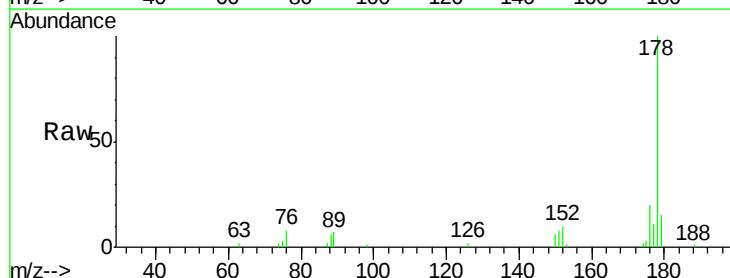
Tgt Ion:178 Resp: 32152

Ion Ratio Lower Upper

178 100

179 15.0 12.1 18.1

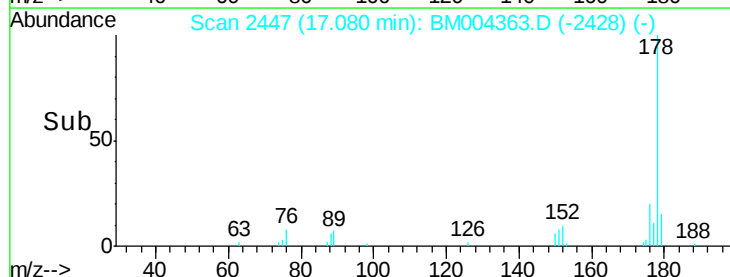
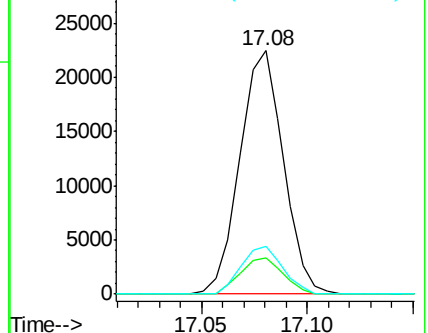
176 19.6 14.8 22.2

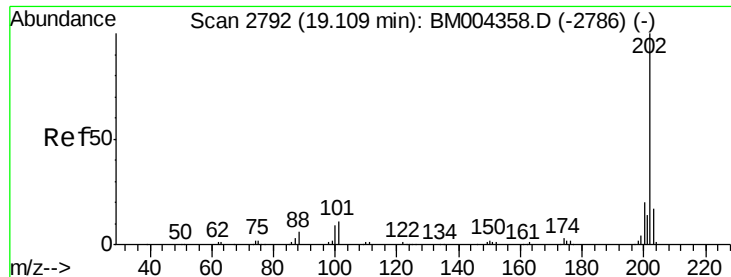


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 5.31 ng/ul

RT: 19.11 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM004363.D

Acq: 23 Feb 2016 23:10

Instrument :

BNA_M

ClientSampleId :

0311-S27-0312

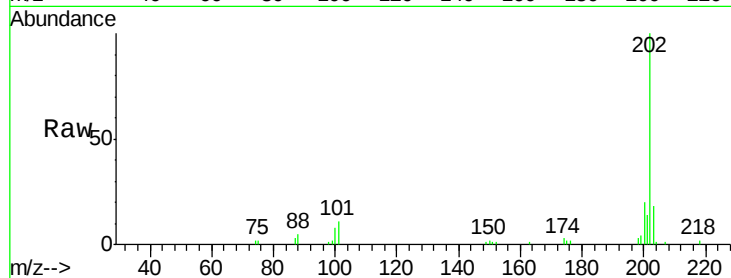
Tgt Ion:202 Resp: 41509

Ion Ratio Lower Upper

202 100

101 10.8 8.8 13.2

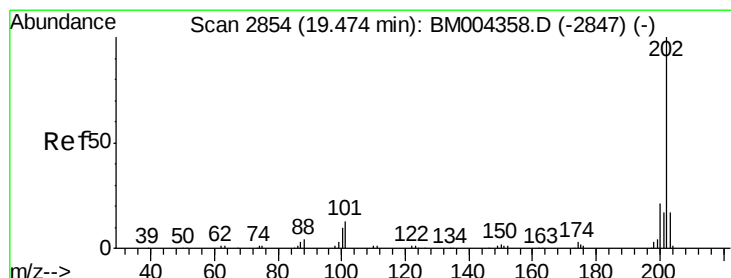
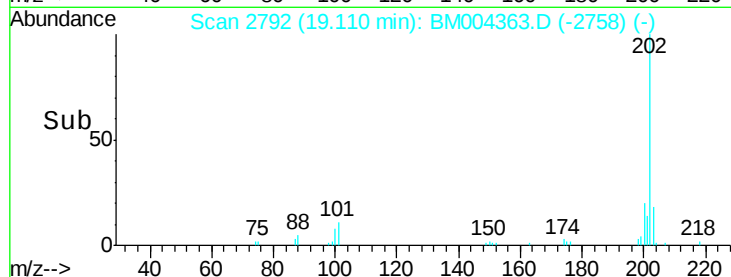
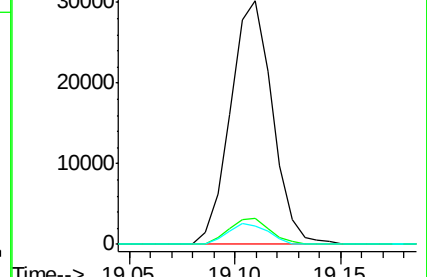
100 7.7 6.6 9.8



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: 4.24 ng/ul

RT: 19.47 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BM004363.D

Acq: 23 Feb 2016 23:10

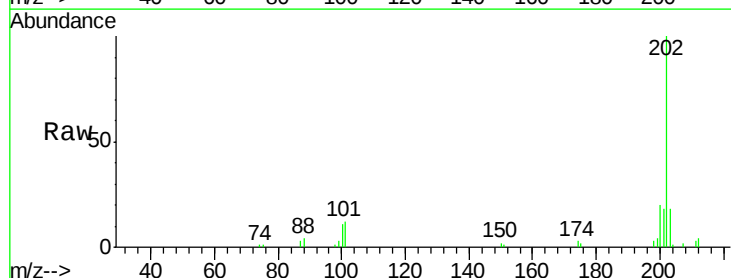
Tgt Ion:202 Resp: 34208

Ion Ratio Lower Upper

202 100

101 12.4 10.2 15.2

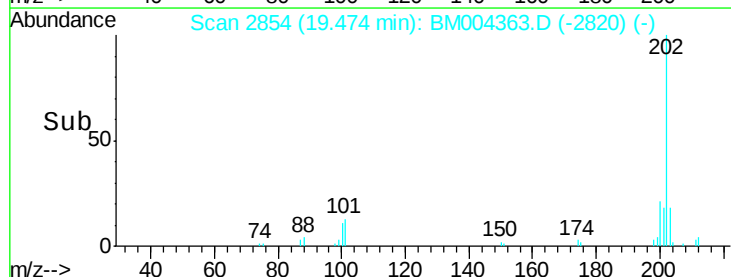
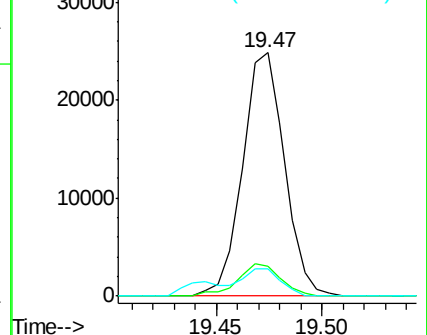
100 11.2 8.5 12.7

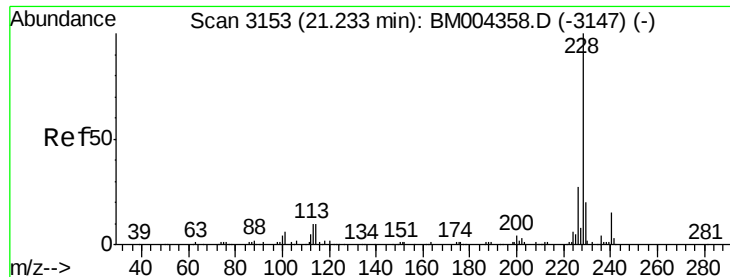


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.26 ng/ul

RT: 21.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BM004363.D

Acq: 23 Feb 2016 23:10

Instrument :

BNA_M

ClientSampleId :

0311-S27-0312

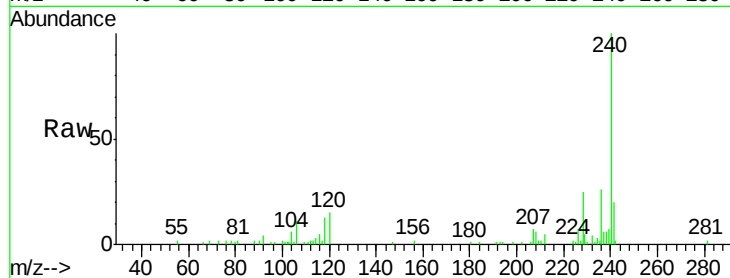
Tgt Ion:228 Resp: 10001

Ion Ratio Lower Upper

228 100

229 21.5 15.7 23.5

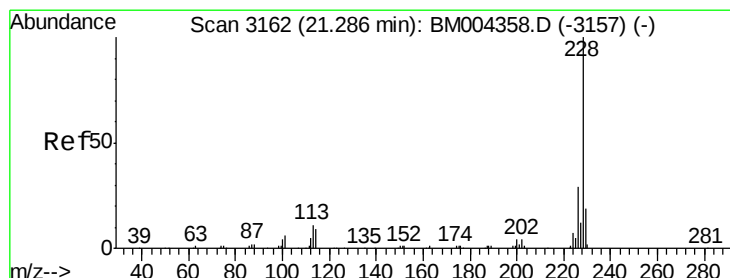
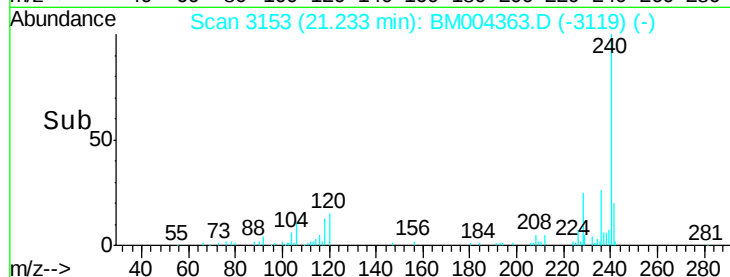
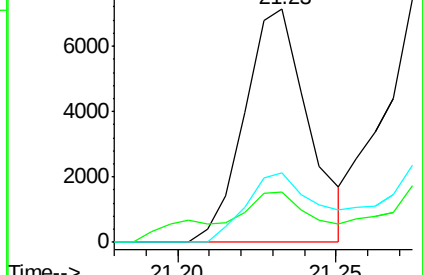
226 29.9 21.8 32.6



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



#85

Chrysene

Concen: 2.58 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BM004363.D

Acq: 23 Feb 2016 23:10

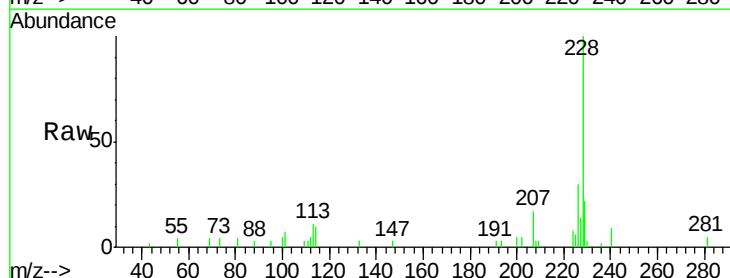
Tgt Ion:228 Resp: 19724

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

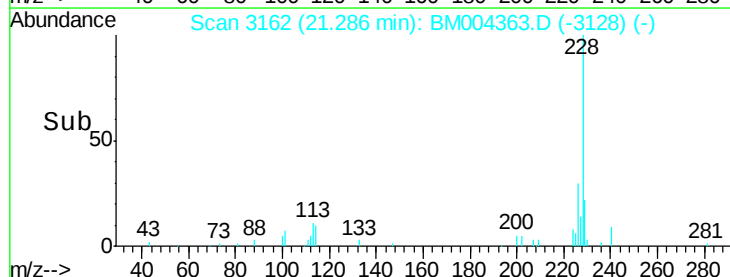
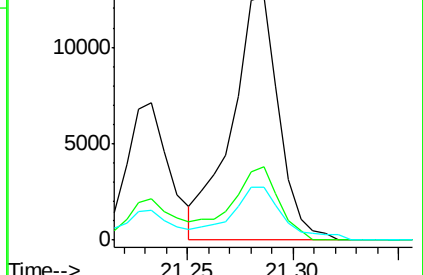
229 21.8 15.6 23.4

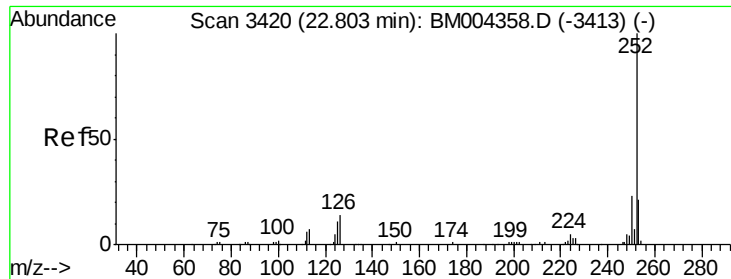


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 3.18 ng/u1

RT: 22.80 min Scan# 3420

Delta R.T. 0.00 min

Lab File: BM004363.D

Acq: 23 Feb 2016 23:10

Instrument :

BNA_M

ClientSampleId :

0311-S27-0312

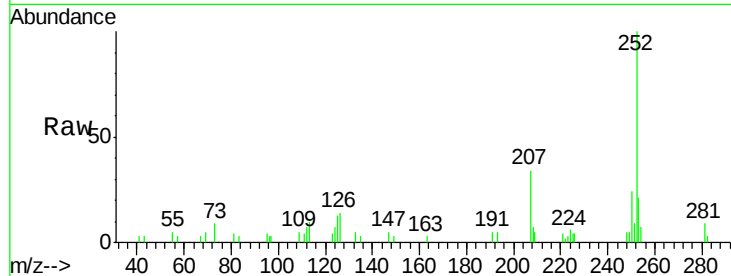
Tgt Ion:252 Resp: 27341

Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

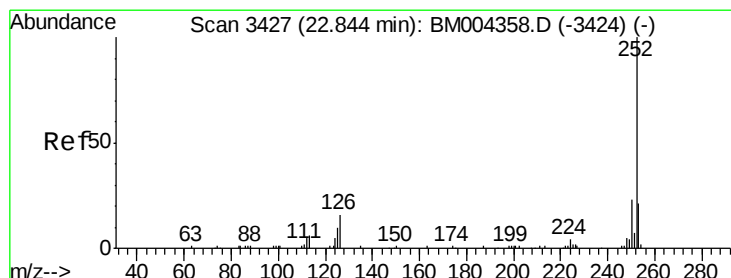
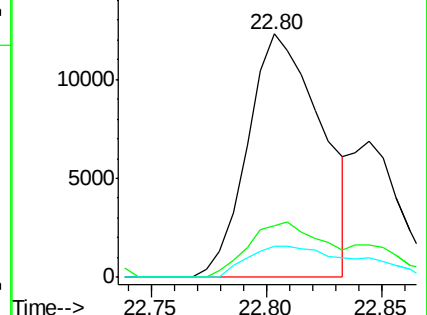
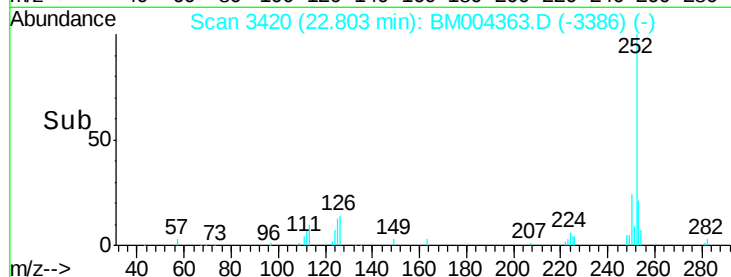
125 12.7 8.5 12.7



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: 2.03 ng/u1

RT: 22.80 min Scan# 3420

Delta R.T. -0.04 min

Lab File: BM004363.D

Acq: 23 Feb 2016 23:10

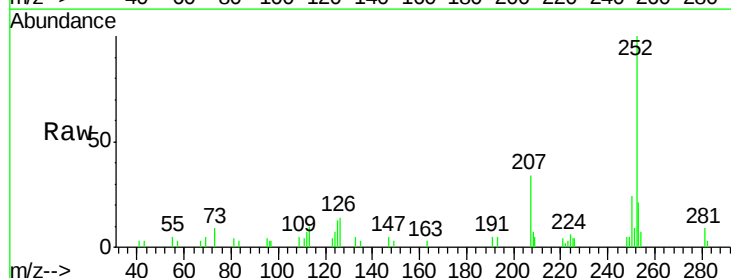
Tgt Ion:252 Resp: 16407

Ion Ratio Lower Upper

252 100

253 21.0 17.3 25.9

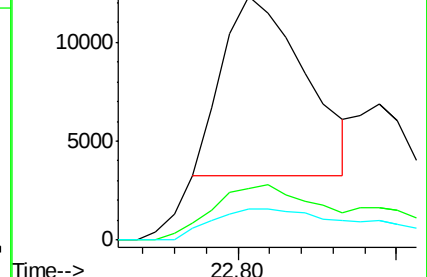
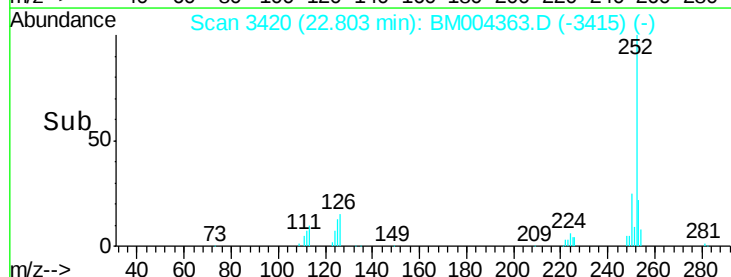
125 12.7 8.2 12.2#

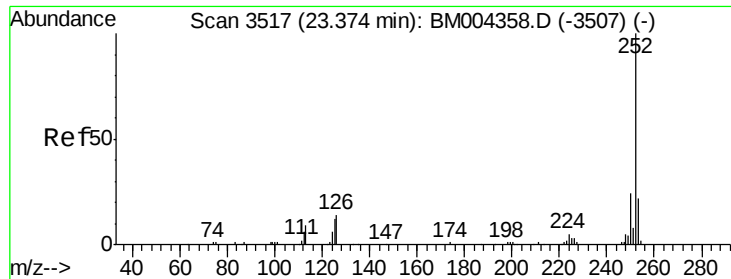


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.12 ng/ul

RT: 23.37 min Scan# 3517

Delta R.T. 0.00 min

Lab File: BM004363.D

Acq: 23 Feb 2016 23:10

Instrument :

BNA_M

ClientSampleId :

0311-S27-0312

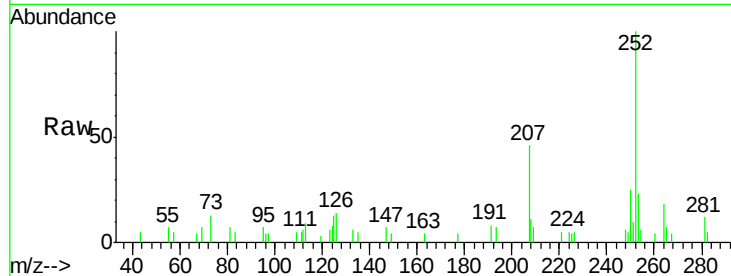
Tgt Ion:252 Resp: 16887

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

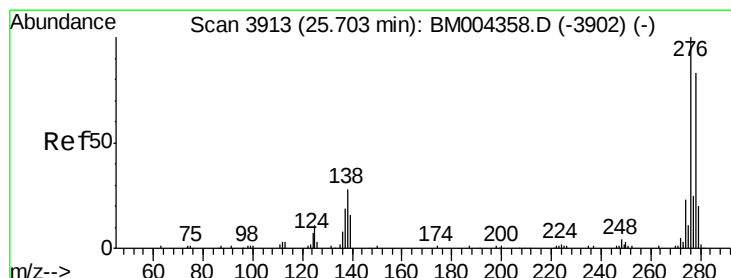
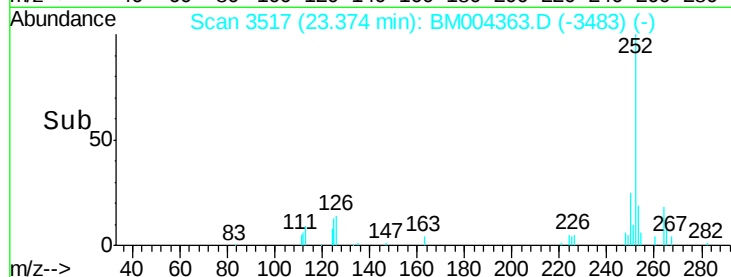
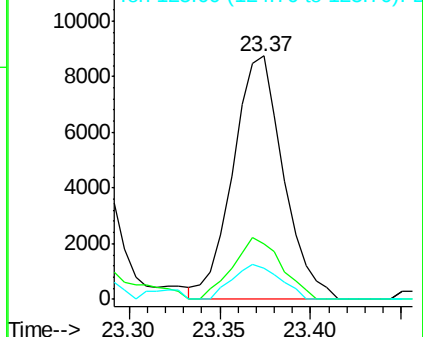
125 12.9 9.0 13.6



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: 1.98 ng/ul

RT: 25.70 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BM004363.D

Acq: 23 Feb 2016 23:10

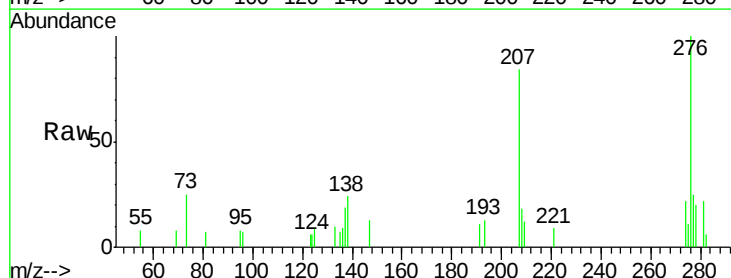
Tgt Ion:276 Resp: 14797

Ion Ratio Lower Upper

276 100

138 24.1 22.3 33.5

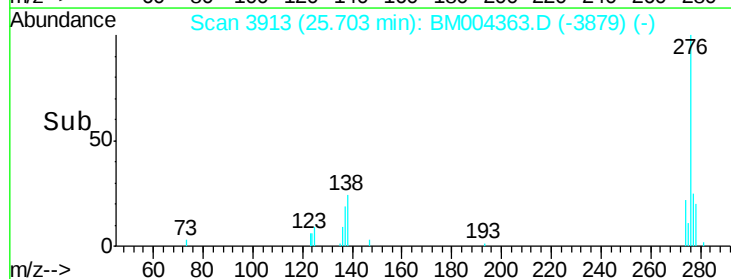
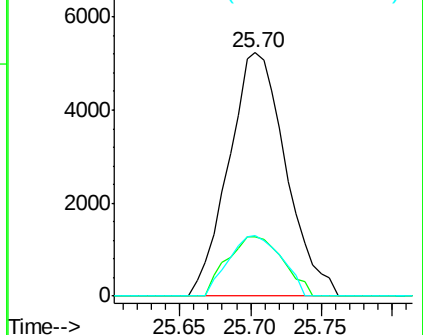
277 24.7 20.2 30.2

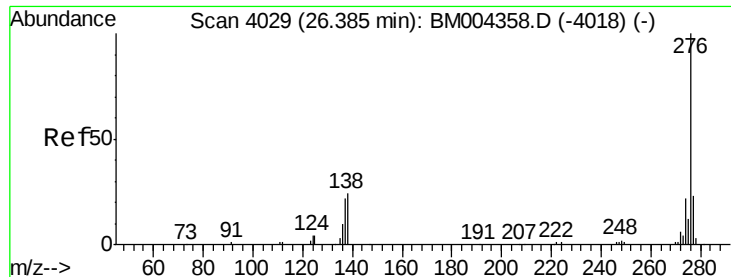


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(g,h,i)perylene

Concen: 2.37 ng/ul

RT: 26.39 min Scan# 4030

Delta R.T. 0.01 min

Lab File: BM004363.D

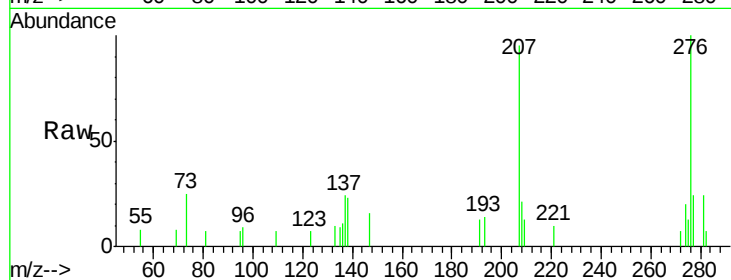
Acq: 23 Feb 2016 23:10

Instrument :

BNA_M

ClientSampleId :

0311-S27-0312



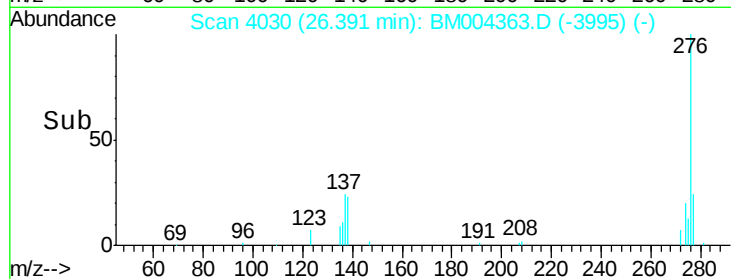
Tgt Ion: 276 Resp: 14572

Ion Ratio Lower Upper

276 100

138 23.5 18.9 28.3

277 24.4 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

