

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001474.D
 Acq On : 30 May 2015 14:34
 Operator : TP/IZ
 Sample : G2411-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB6RE

Quant Time: May 31 02:19:49 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 31 02:16:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	161203	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	661739	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	370205	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	738351	20.00	ng/ul	0.00
75) Chrysene-d12	21.02	240	698021	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	649166	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	8365	2.59	ng/uL	0.00
5) Phenol-d5	6.58	99	178848	14.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	114800	15.43	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	154309	15.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	120140	11.94	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	71570	16.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	84406	17.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	148609	15.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	59086	5.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.48	166	416318	16.04	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	563932	15.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	63025	11.91	ng/ul	0.00
57) Fluorene-d10	15.06	176	388380	15.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.20	200	48664	10.71	ng/ul	0.00
70) Anthracene-d10	16.91	188	509234	14.96	ng/ul	0.00
76) Pyrene-d10	19.22	212	534110	17.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.98	264	448726	15.63	ng/ul	0.00

Target Compounds

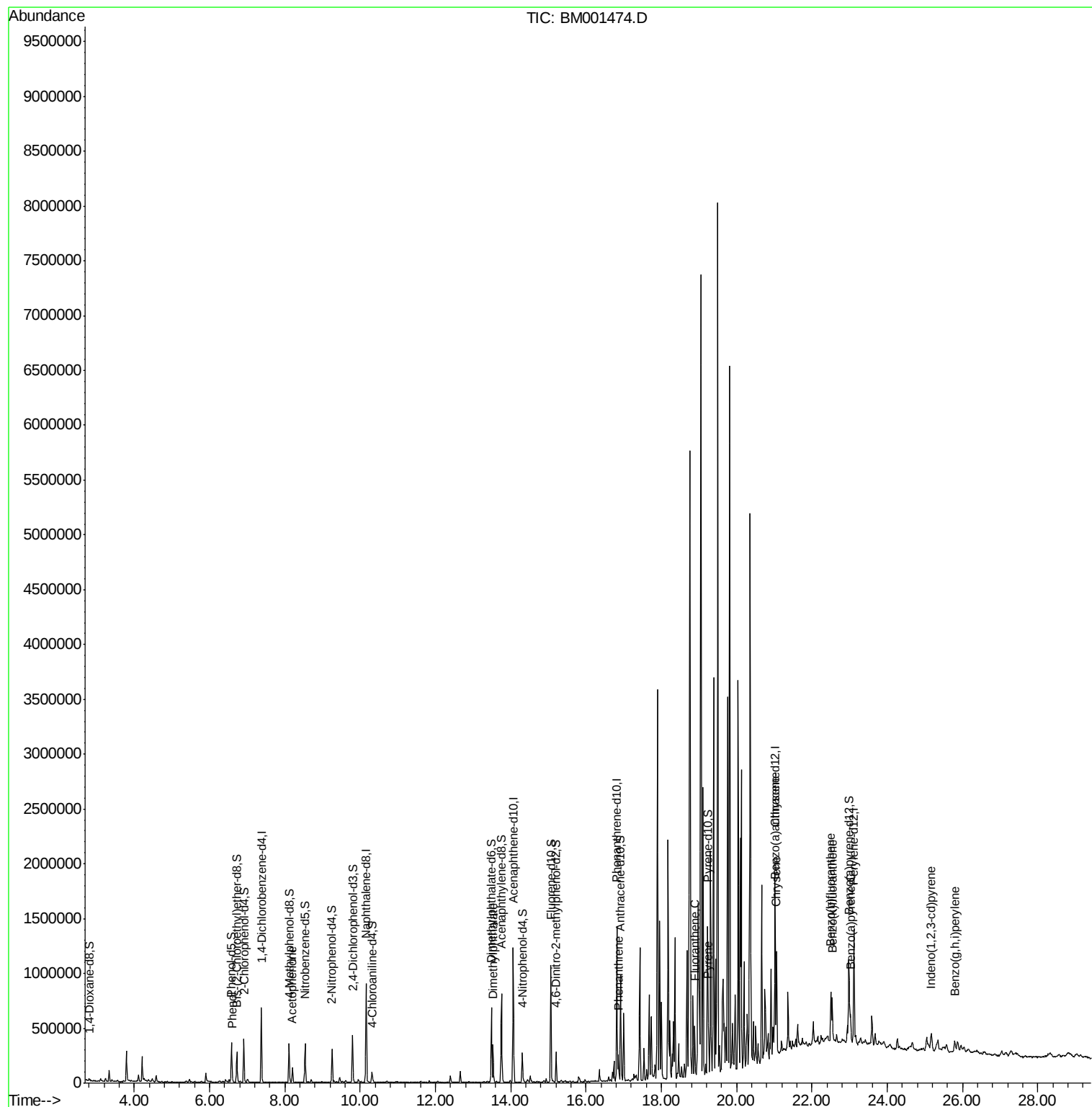
						Qvalue
6) Phenol	6.60	94	15777	1.25	ng/ul	95
14) Acetophenone	8.20	105	63935	3.89	ng/ul	98
44) Dimethylphthalate	13.53	163	203816	6.96	ng/ul	99
69) Phenanthrene	16.86	178	76229	1.85	ng/ul	98
74) Fluoranthene	18.89	202	242200	4.86	ng/ul	100
77) Pyrene	19.25	202	234822	5.63	ng/ul	97
80) Benzo(a)anthracene	21.01	228	137544	3.37	ng/ul	96
82) Chrysene	21.06	228	146980	3.83	ng/ul	96
85) Benzo(b)fluoranthene	22.50	252	210042	5.28	ng/ul#	97
86) Benzo(k)fluoranthene	22.53	252	61468	1.61	ng/ul#	93
88) Benzo(a)pyrene	23.02	252	140895	3.78	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.16	276	101076	2.58	ng/ul	93
91) Benzo(g,h,i)perylene	25.79	276	100564	3.10	ng/ul	97

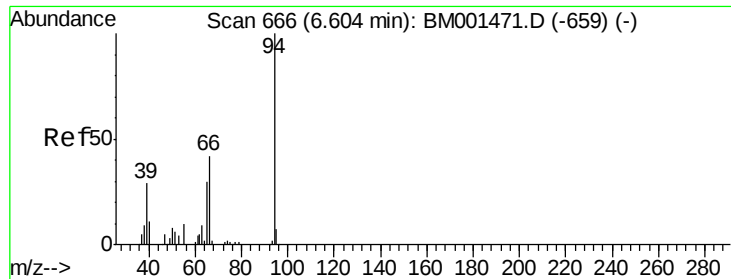
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001474.D
Acq On : 30 May 2015 14:34
Operator : TP/IZ
Sample : G2411-03RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRB6RE

Quant Time: May 31 02:19:49 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 31 02:16:14 2015
Response via : Initial Calibration





#6

Phenol

Concen: 1.25 ng/ul

RT: 6.60 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM001474.D

Acq: 30 May 2015 14:34

Instrument :

BNA_M

ClientSampleId :

BCRB6RE

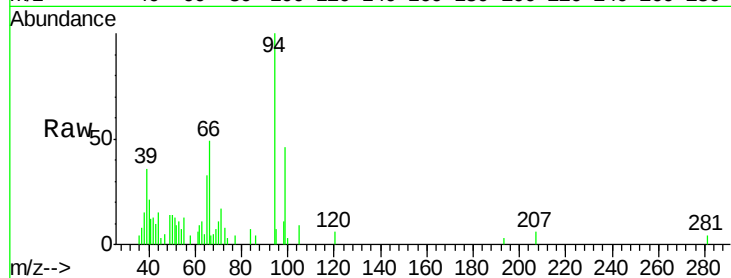
Tgt Ion: 94 Resp: 15777

Ion Ratio Lower Upper

94 100

65 32.8 25.2 37.8

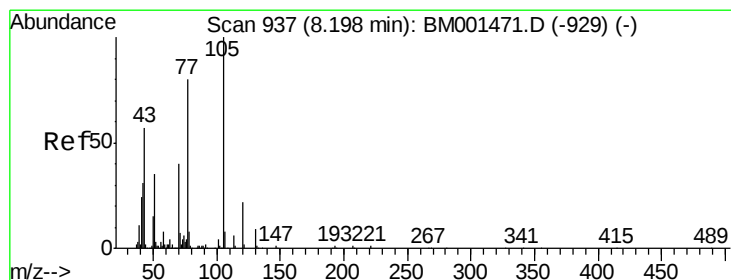
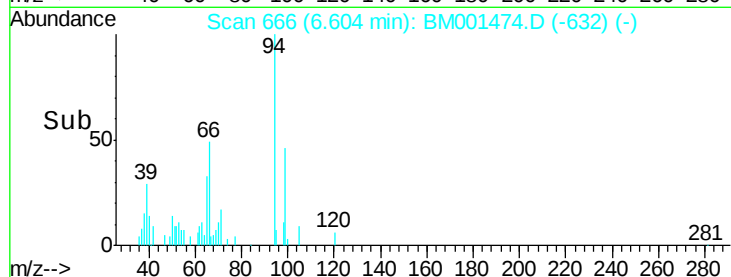
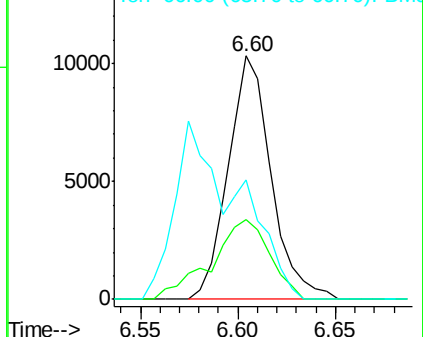
66 49.3 36.2 54.2



Abundance Ion 94.00 (93.70 to 94.70): BM001471.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BM001471.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BM001471.D (-659) (-)



#14

Acetophenone

Concen: 3.89 ng/ul

RT: 8.20 min Scan# 937

Delta R.T. -0.00 min

Lab File: BM001474.D

Acq: 30 May 2015 14:34

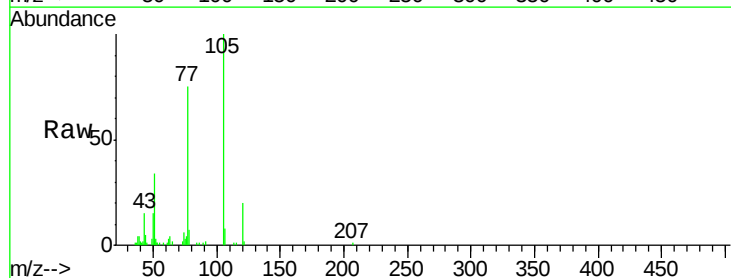
Tgt Ion: 105 Resp: 63935

Ion Ratio Lower Upper

105 100

77 75.5 61.6 92.4

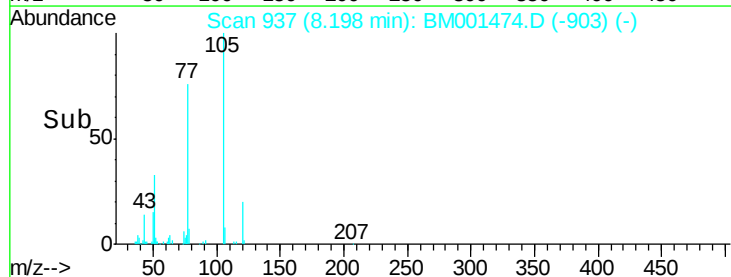
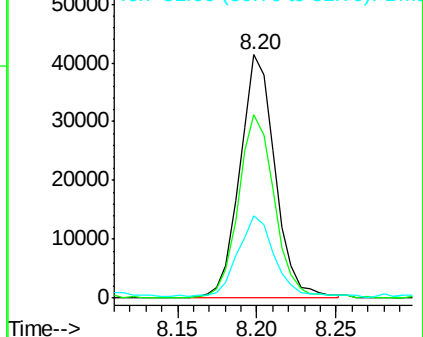
51 33.6 27.5 41.3

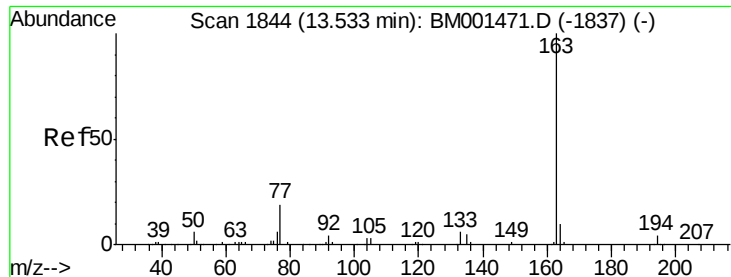


Abundance Ion 105.00 (104.70 to 105.70): BM001471.D (-929) (-)

Ion 77.00 (76.70 to 77.70): BM001471.D (-929) (-)

Ion 51.00 (50.70 to 51.70): BM001471.D (-929) (-)





#44

Dimethylphthalate

Concen: 6.96 ng/ul

RT: 13.53 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BM001474.D

Acq: 30 May 2015 14:34

Instrument :

BNA_M

ClientSampleId :

BCRB6RE

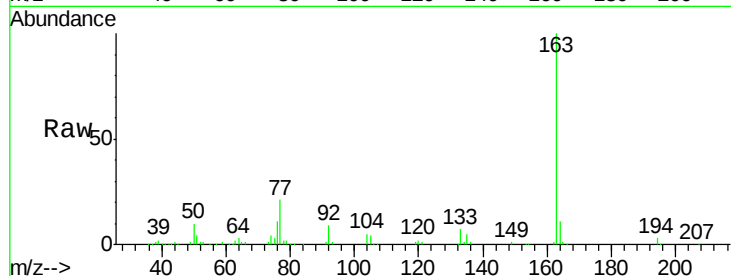
Tgt Ion:163 Resp: 203816

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.6

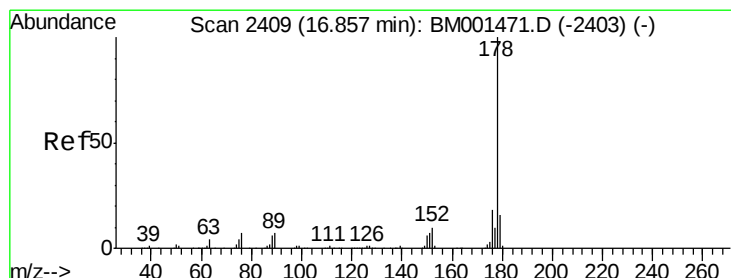
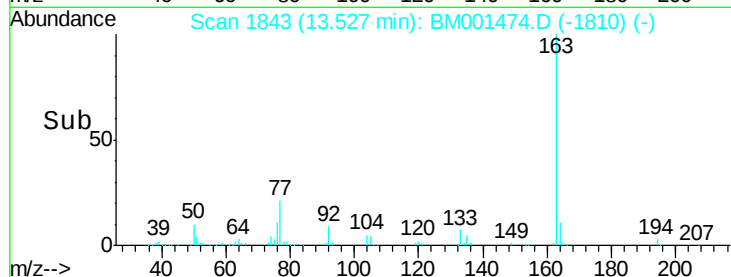
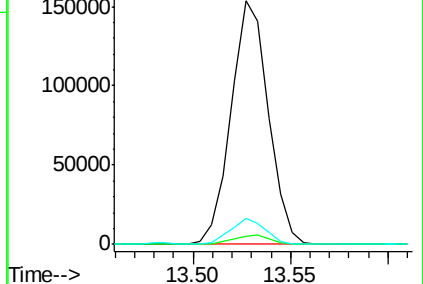
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.85 ng/ul

RT: 16.86 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BM001474.D

Acq: 30 May 2015 14:34

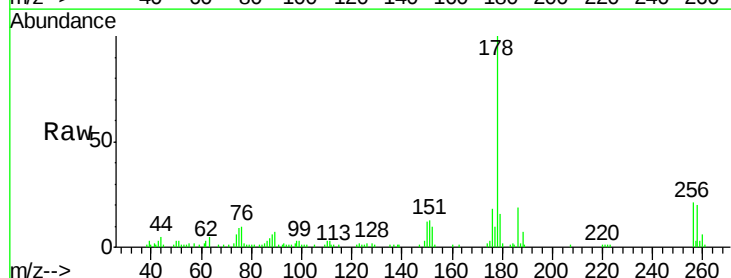
Tgt Ion:178 Resp: 76229

Ion Ratio Lower Upper

178 100

179 15.9 11.9 17.9

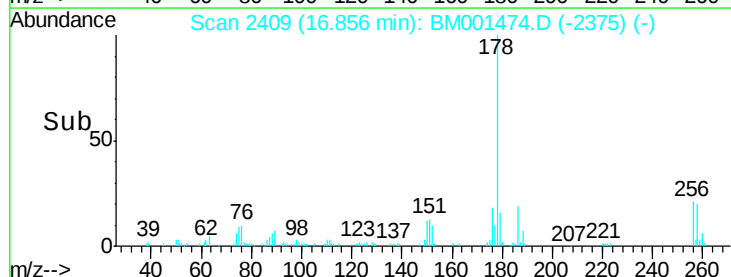
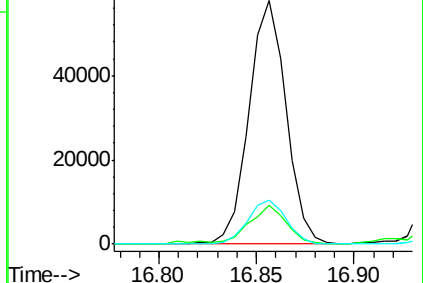
176 17.8 15.0 22.4

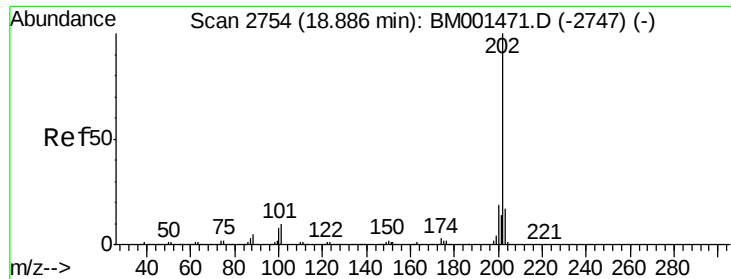


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.86 ng/ul

RT: 18.89 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BM001474.D

Acq: 30 May 2015 14:34

Instrument :

BNA_M

ClientSampleId :

BCRB6RE

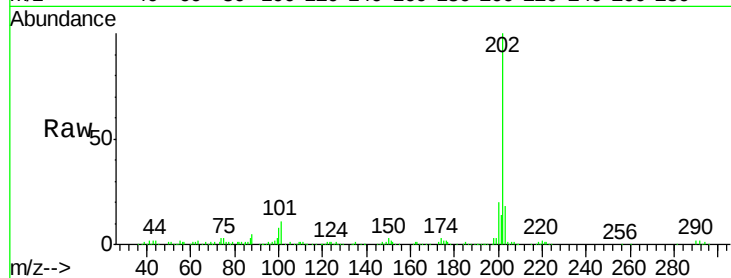
Tgt Ion:202 Resp: 242200

Ion Ratio Lower Upper

202 100

101 10.8 8.6 12.8

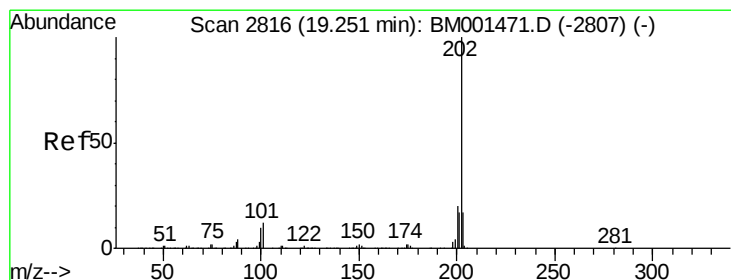
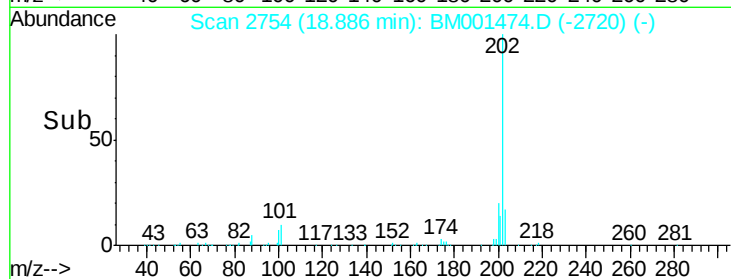
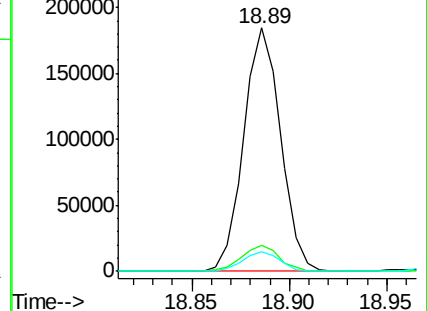
100 7.8 6.5 9.7



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



#77

Pyrene

Concen: 5.63 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BM001474.D

Acq: 30 May 2015 14:34

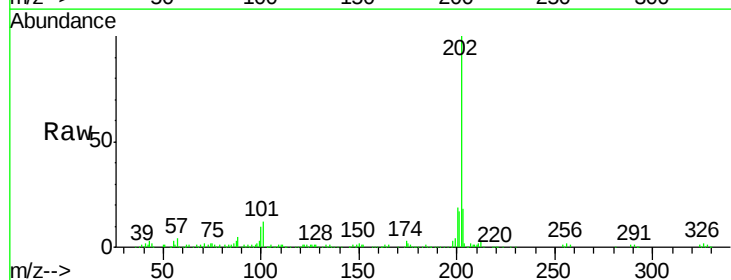
Tgt Ion:202 Resp: 234822

Ion Ratio Lower Upper

202 100

101 11.7 10.3 15.5

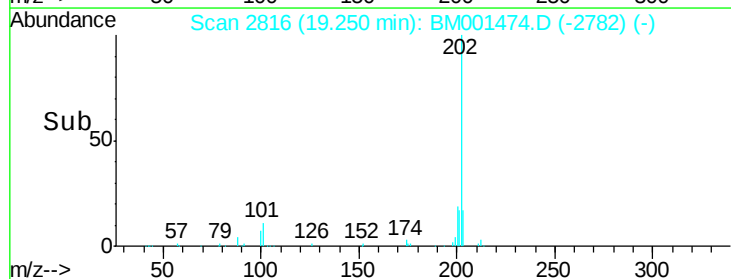
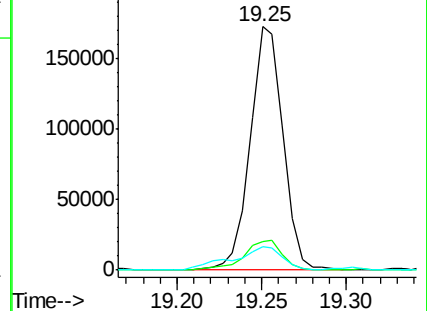
100 9.9 8.6 12.8

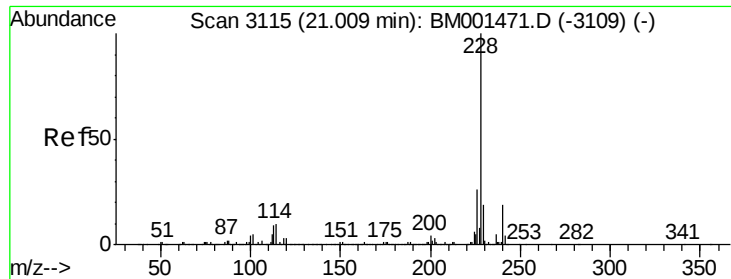


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.37 ng/ul

RT: 21.01 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BM001474.D

Acq: 30 May 2015 14:34

Instrument :

BNA_M

ClientSampleId :

BCRB6RE

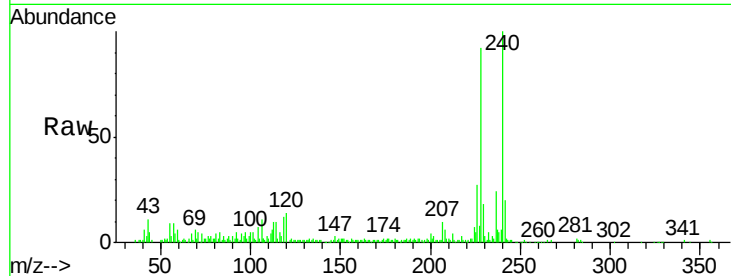
Tgt Ion:228 Resp: 137544

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.8

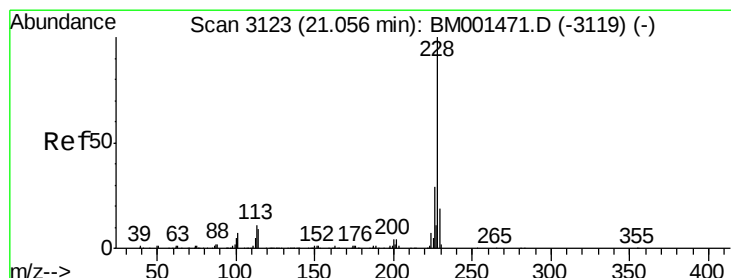
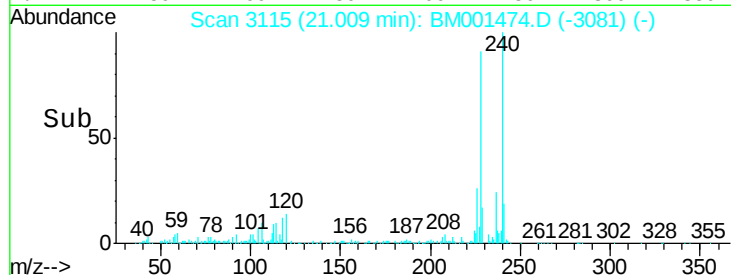
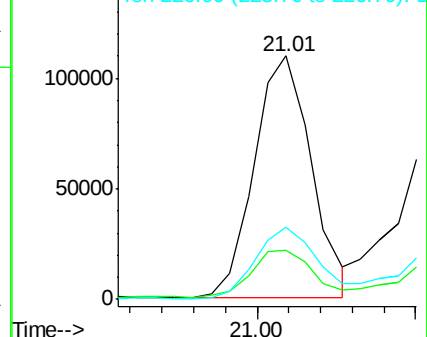
226 29.5 20.6 30.8



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: 3.83 ng/ul

RT: 21.06 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BM001474.D

Acq: 30 May 2015 14:34

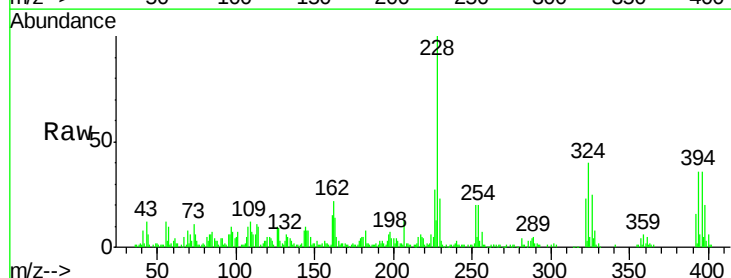
Tgt Ion:228 Resp: 146980

Ion Ratio Lower Upper

228 100

226 27.2 23.0 34.4

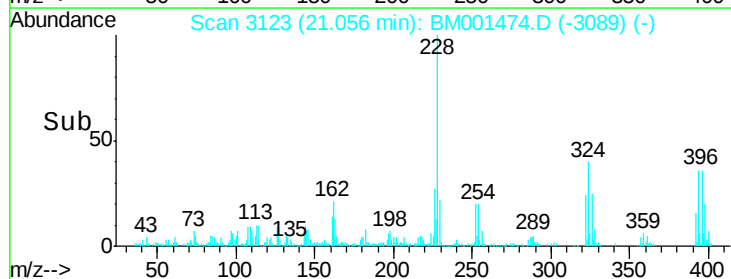
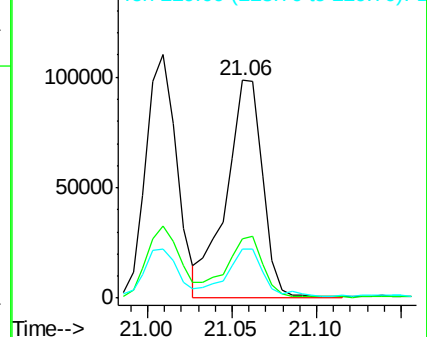
229 22.5 15.7 23.5

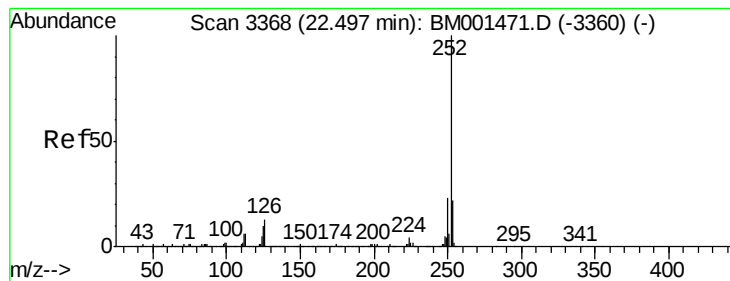


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 5.28 ng/ul

RT: 22.50 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BM001474.D

Acq: 30 May 2015 14:34

Instrument :

BNA_M

ClientSampleId :

BCRB6RE

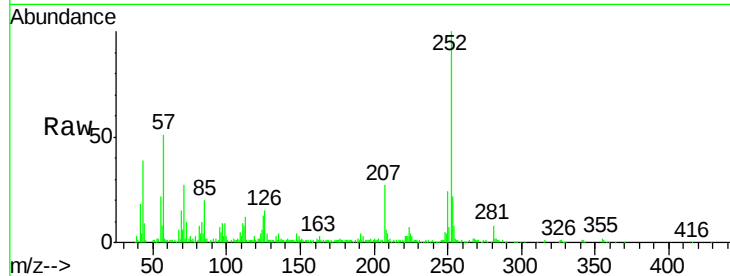
Tgt Ion:252 Resp: 210042

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

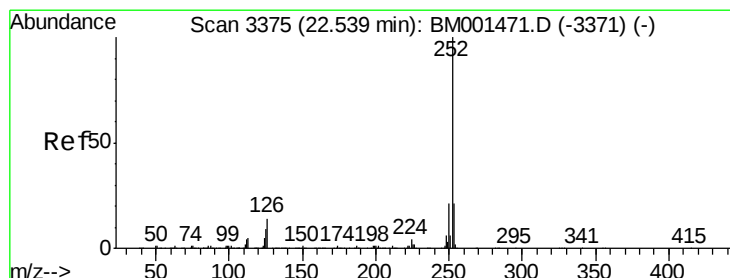
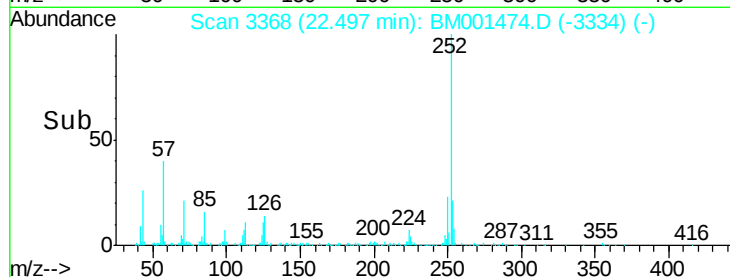
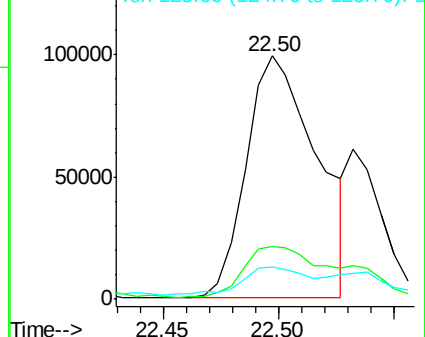
125 13.4 8.6 12.8#



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



#86

Benzo(k)fluoranthene

Concen: 1.61 ng/ul

RT: 22.53 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM001474.D

Acq: 30 May 2015 14:34

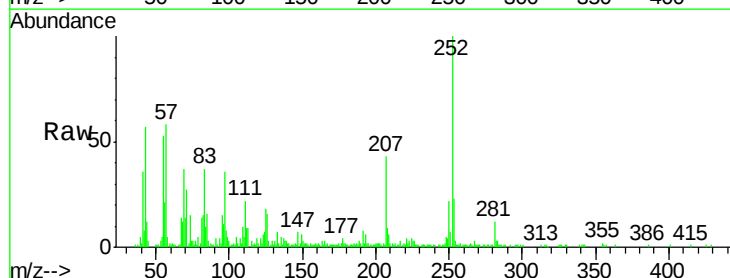
Tgt Ion:252 Resp: 61468

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

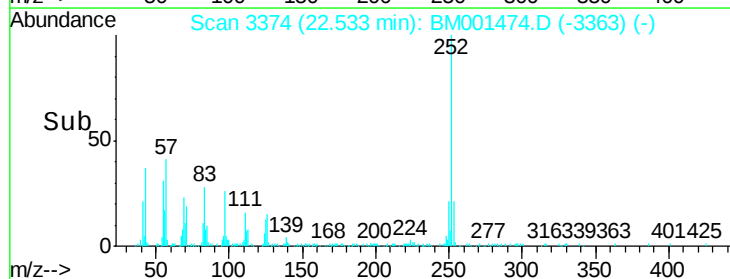
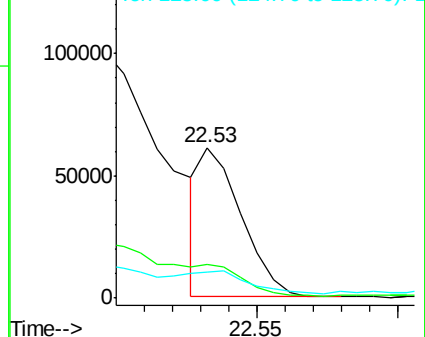
125 17.5 8.6 13.0#

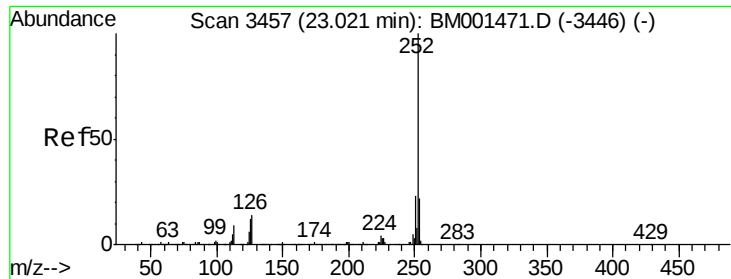


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 3.78 ng/ul

RT: 23.02 min Scan# 3457

Delta R.T. -0.00 min

Lab File: BM001474.D

Acq: 30 May 2015 14:34

Instrument :

BNA_M

ClientSampleId :

BCRB6RE

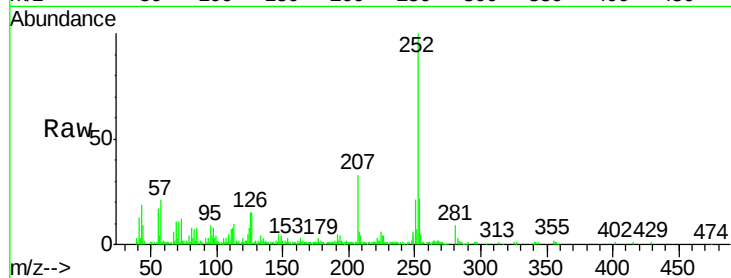
Tgt Ion:252 Resp: 140895

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

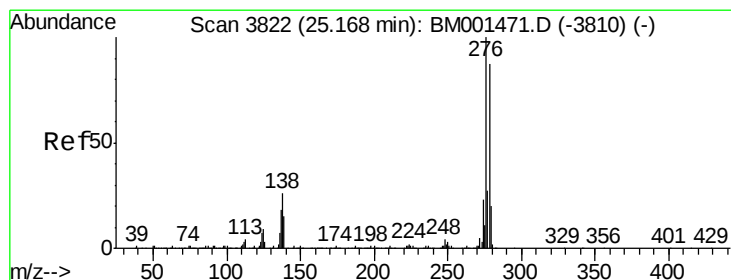
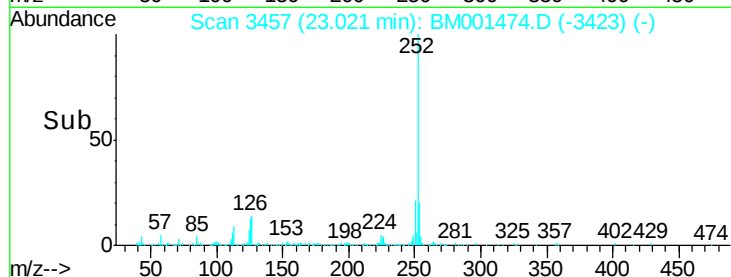
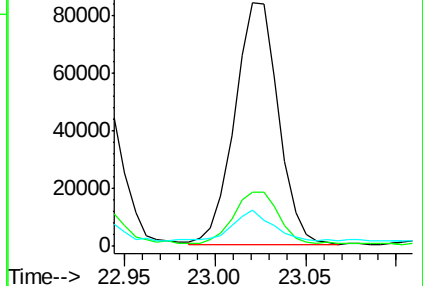
125 14.9 8.8 13.2#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.58 ng/ul

RT: 25.16 min Scan# 3821

Delta R.T. -0.01 min

Lab File: BM001474.D

Acq: 30 May 2015 14:34

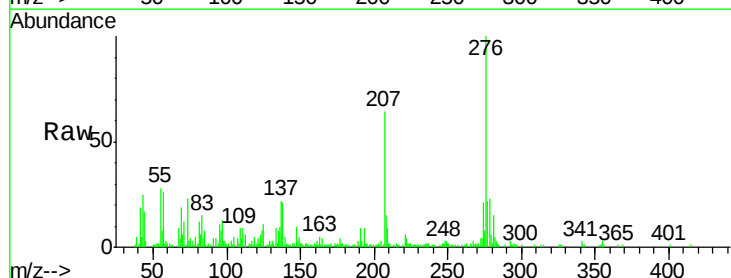
Tgt Ion:276 Resp: 101076

Ion Ratio Lower Upper

276 100

138 20.8 20.6 31.0

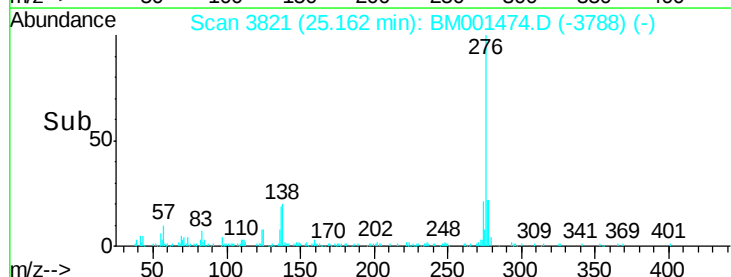
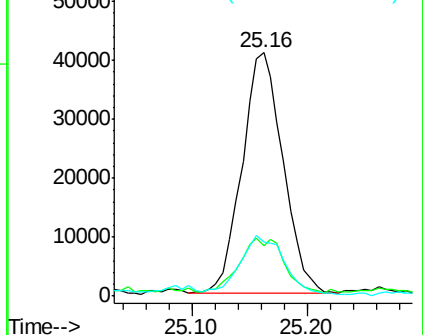
277 22.2 19.2 28.8

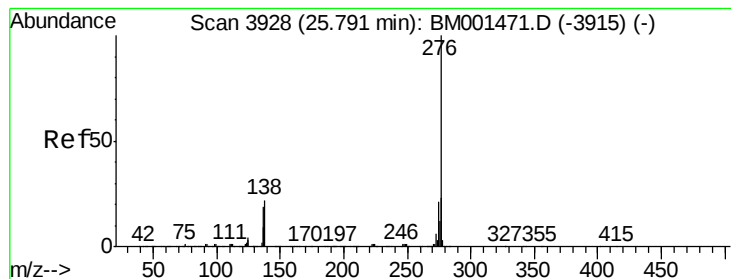


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 3.10 ng/ul

RT: 25.79 min Scan# 3928

Delta R.T. -0.00 min

Lab File: BM001474.D

Acq: 30 May 2015 14:34

Instrument :

BNA_M

ClientSampleId :

BCRB6RE

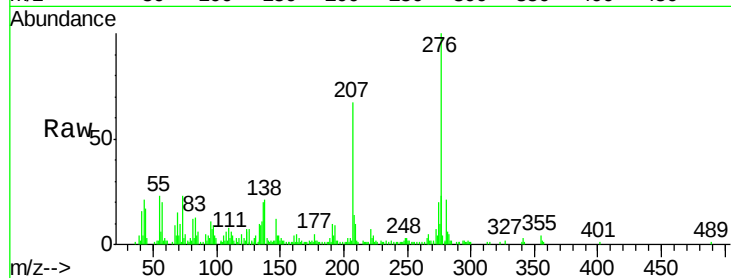
Tgt Ion: 276 Resp: 100564

Ion Ratio Lower Upper

276 100

138 21.0 17.9 26.9

277 22.9 19.7 29.5



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

