

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001476.D
 Acq On : 30 May 2015 15:47
 Operator : TP/IZ
 Sample : G2411-09RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCR00RE

Quant Time: May 31 02:20:14 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	154749	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	640056	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	348433	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	702436	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	712491	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	653060	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	10732	3.46	ng/uL	0.00
5) Phenol-d5	6.58	99	256360	22.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	157904	22.11	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	224658	24.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	174481	18.06	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	104033	24.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	119680	25.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	218739	23.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	24802	2.22	ng/ul	0.01
43) Dimethylphthalate-d6	13.49	166	583066	23.86	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	805101	24.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	99728	20.02	ng/ul	0.00
57) Fluorene-d10	15.06	176	547563	22.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.20	200	52631	12.17	ng/ul	0.00
70) Anthracene-d10	16.92	188	763427	23.58	ng/ul	0.00
76) Pyrene-d10	19.22	212	812754	26.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	683448	23.67	ng/ul	0.00

Target Compounds

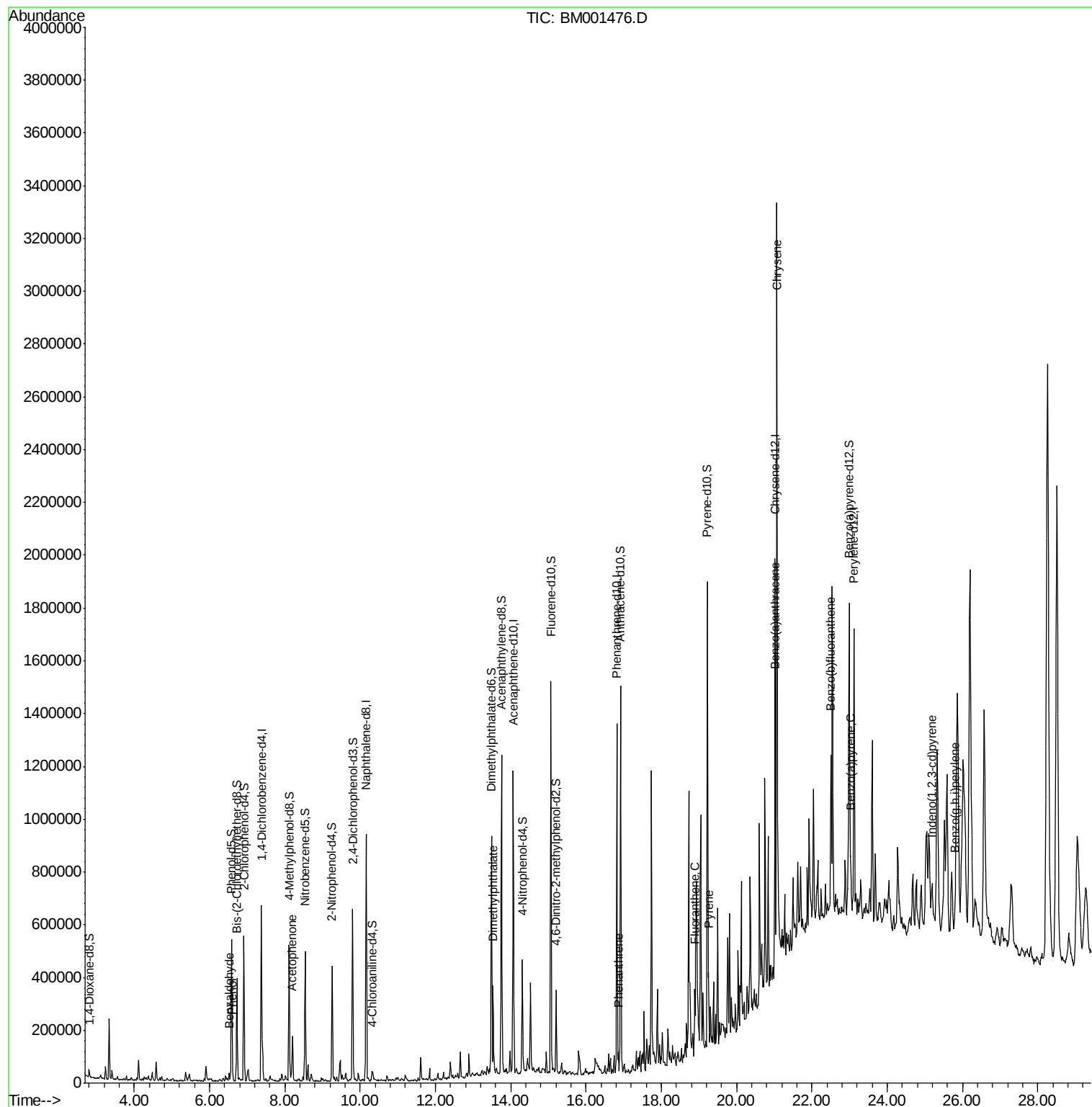
						Qvalue
4) Benzaldehyde	6.52	77	7305	1.22	ng/ul#	89
6) Phenol	6.61	94	20551	1.69	ng/ul#	92
14) Acetophenone	8.20	105	83732	5.30	ng/ul	98
44) Dimethylphthalate	13.53	163	197940	7.18	ng/ul	99
69) Phenanthrene	16.86	178	41366	1.06	ng/ul	98
74) Fluoranthene	18.89	202	114177	2.41	ng/ul#	96
77) Pyrene	19.25	202	123794	2.91	ng/ul	99
80) Benzo(a)anthracene	21.01	228	70861	1.70	ng/ul	94
82) Chrysene	21.06	228	93301	2.38	ng/ul	98
85) Benzo(b)fluoranthene	22.50	252	118658	2.97	ng/ul#	93
88) Benzo(a)pyrene	23.03	252	82495	2.20	ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	25.18	276	59468	1.51	ng/ul	96
91) Benzo(g,h,i)perylene	25.80	276	60062	1.84	ng/ul	99

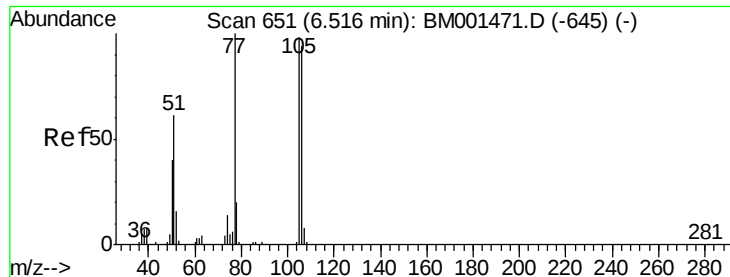
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRC0RE

Quant Time: May 31 02:20:14 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





#4

Benzaldehyde

Concen: 1.22 ng/ul

RT: 6.52 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM001476.D

Acq: 30 May 2015 15:47

Instrument :

BNA_M

ClientSampleId :

BCRC0RE

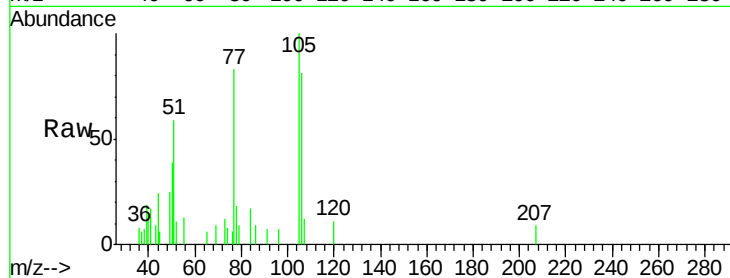
Tgt Ion: 77 Resp: 7305

Ion Ratio Lower Upper

77 100

105 120.9 78.7 118.1#

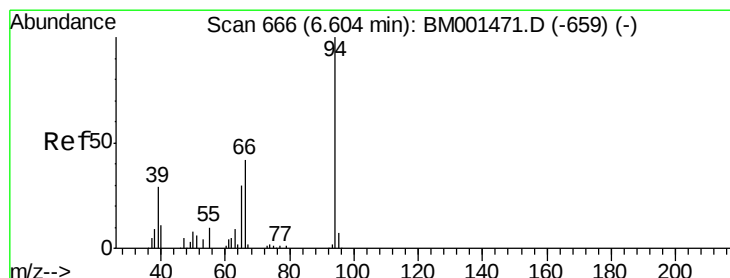
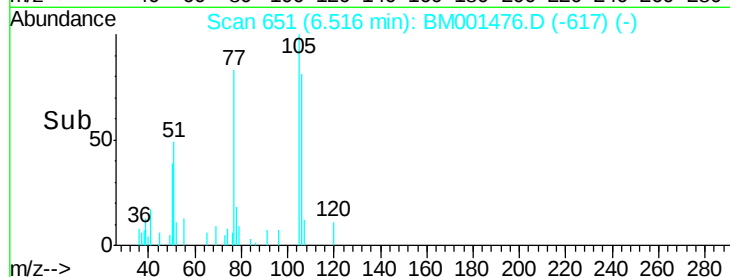
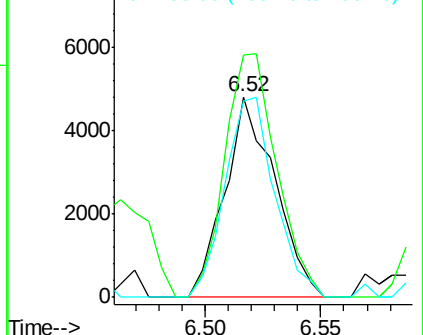
106 98.1 78.5 117.7



Abundance Ion 77.00 (76.70 to 77.70): BM001476.D (-617) (-)

Ion 105.00 (104.70 to 105.70): BM001476.D (-617) (-)

Ion 106.00 (105.70 to 106.70): BM001476.D (-617) (-)



#6

Phenol

Concen: 1.69 ng/ul

RT: 6.61 min Scan# 667

Delta R.T. 0.01 min

Lab File: BM001476.D

Acq: 30 May 2015 15:47

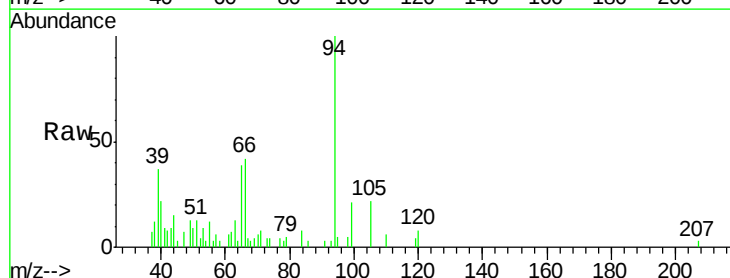
Tgt Ion: 94 Resp: 20551

Ion Ratio Lower Upper

94 100

65 38.5 25.2 37.8#

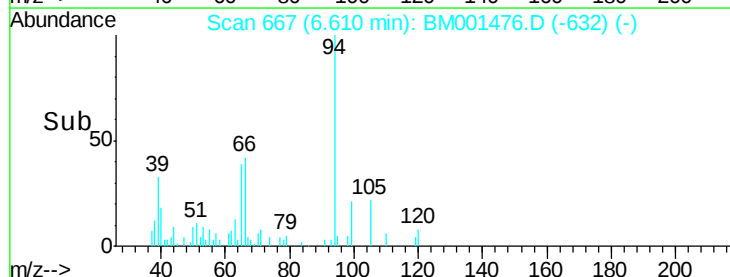
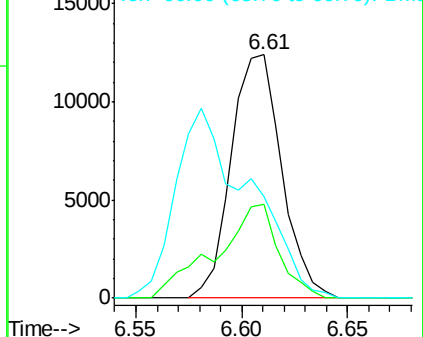
66 41.8 36.2 54.2

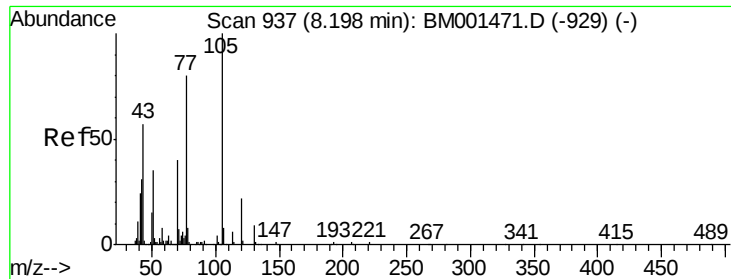


Abundance Ion 94.00 (93.70 to 94.70): BM001476.D (-632) (-)

Ion 65.00 (64.70 to 65.70): BM001476.D (-632) (-)

Ion 66.00 (65.70 to 66.70): BM001476.D (-632) (-)





#14

Acetophenone

Concen: 5.30 ng/ul

RT: 8.20 min Scan# 938

Delta R.T. 0.01 min

Lab File: BM001476.D

Acq: 30 May 2015 15:47

Instrument :

BNA_M

ClientSampleId :

BCRC0RE

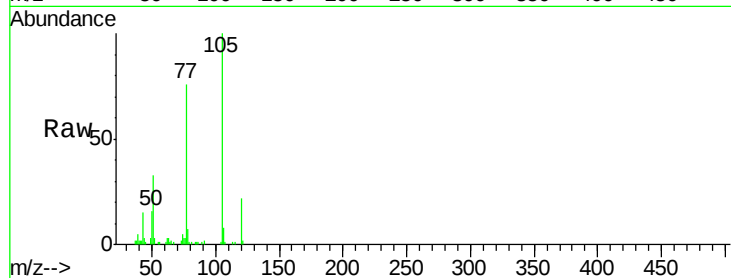
Tgt Ion:105 Resp: 83732

Ion Ratio Lower Upper

105 100

77 76.1 61.6 92.4

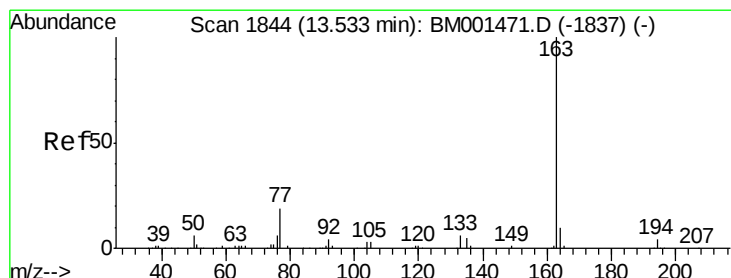
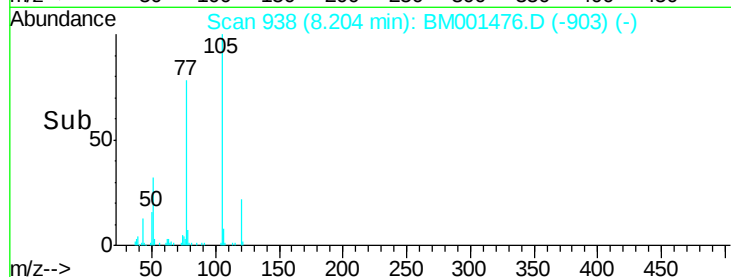
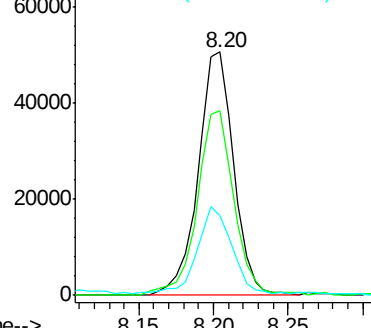
51 32.7 27.5 41.3



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#44

Dimethylphthalate

Concen: 7.18 ng/ul

RT: 13.53 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BM001476.D

Acq: 30 May 2015 15:47

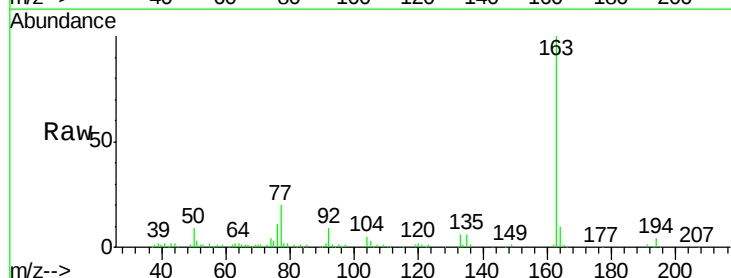
Tgt Ion:163 Resp: 197940

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

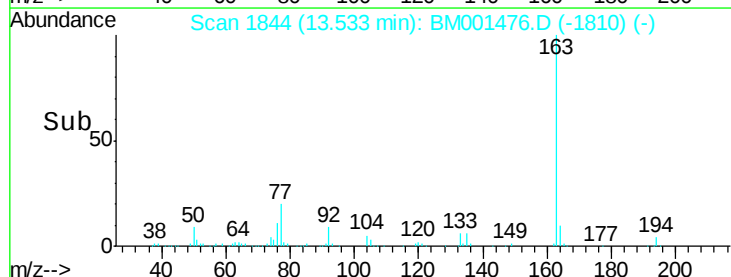
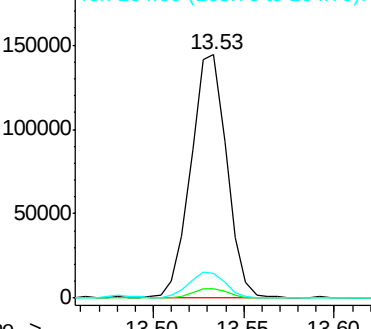
164 10.0 8.2 12.4

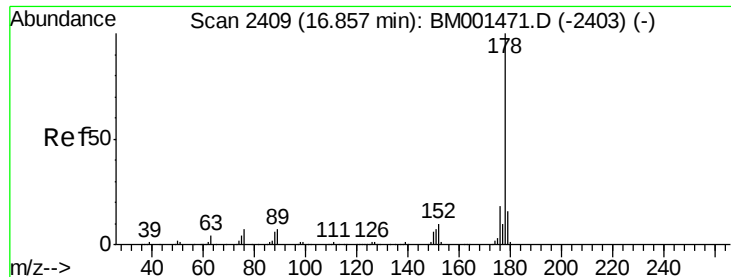


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.06 ng/ul

RT: 16.86 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BM001476.D

Acq: 30 May 2015 15:47

Instrument :

BNA_M

ClientSampleId :

BCRCORE

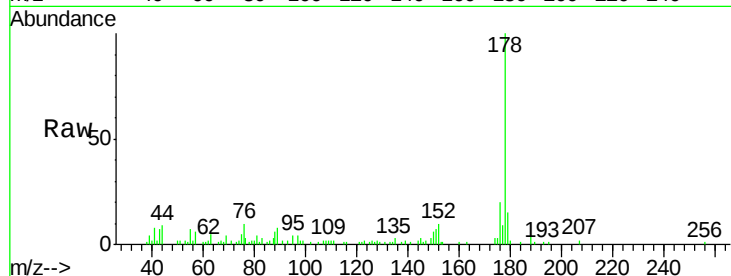
Tgt Ion:178 Resp: 41366

Ion Ratio Lower Upper

178 100

179 14.8 11.9 17.9

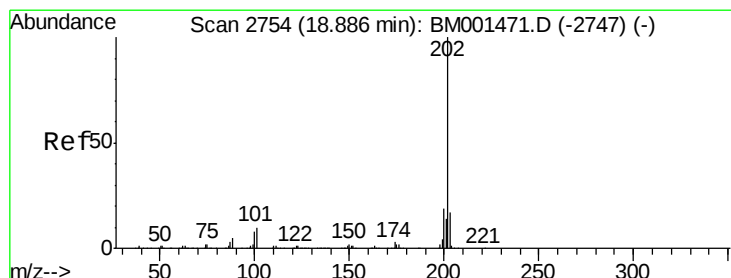
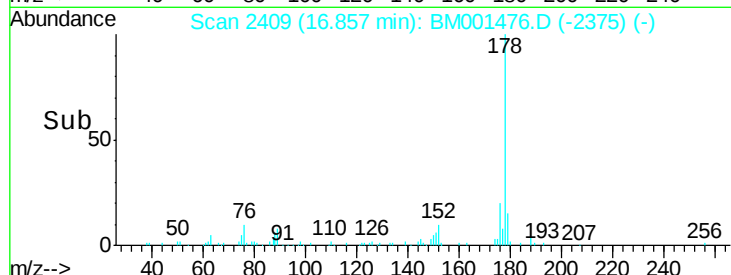
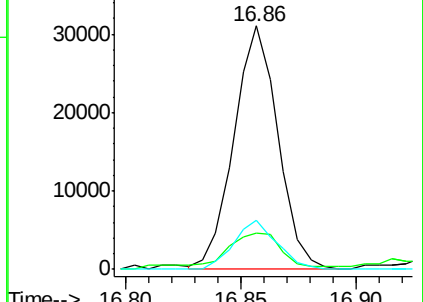
176 20.2 15.0 22.4



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: 2.41 ng/ul

RT: 18.89 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BM001476.D

Acq: 30 May 2015 15:47

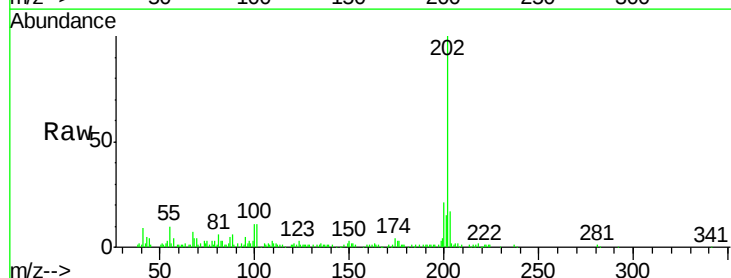
Tgt Ion:202 Resp: 114177

Ion Ratio Lower Upper

202 100

101 11.4 8.6 12.8

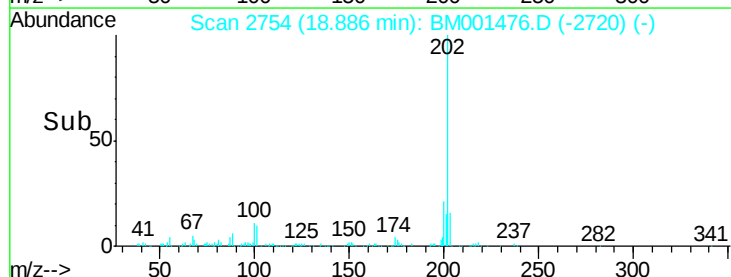
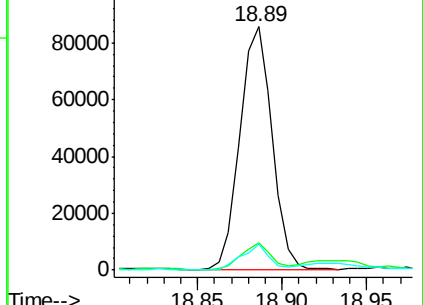
100 10.6 6.5 9.7#

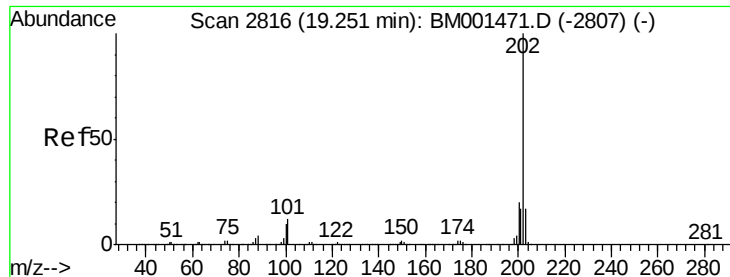


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.91 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM001476.D

Acq: 30 May 2015 15:47

Instrument :

BNA_M

ClientSampleId :

BCRCORE

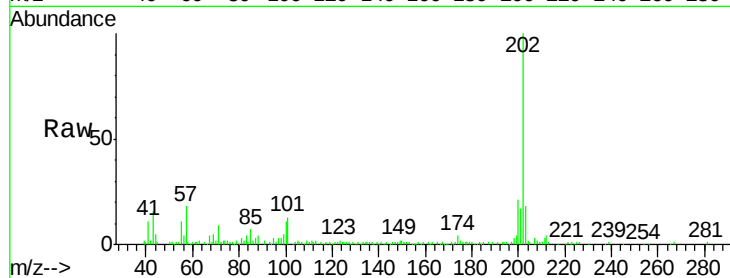
Tgt Ion:202 Resp: 123794

Ion Ratio Lower Upper

202 100

101 13.3 10.3 15.5

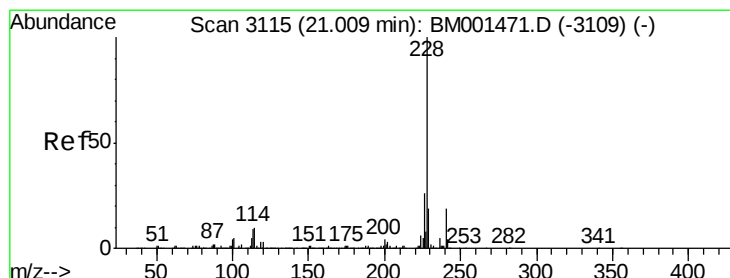
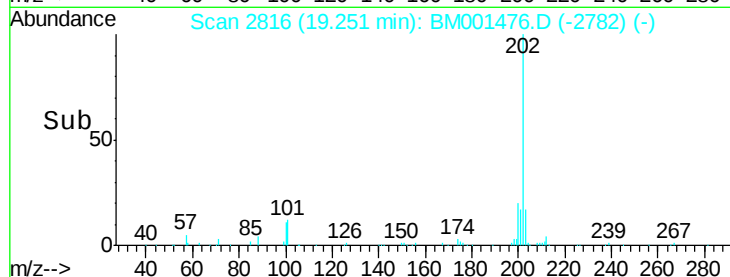
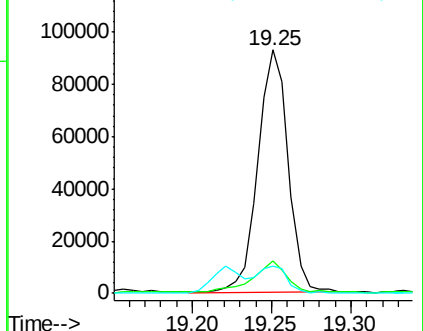
100 11.3 8.6 12.8



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: 1.70 ng/ul

RT: 21.01 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM001476.D

Acq: 30 May 2015 15:47

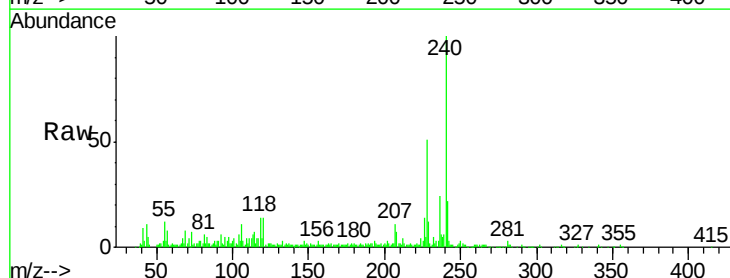
Tgt Ion:228 Resp: 70861

Ion Ratio Lower Upper

228 100

229 23.2 15.8 23.8

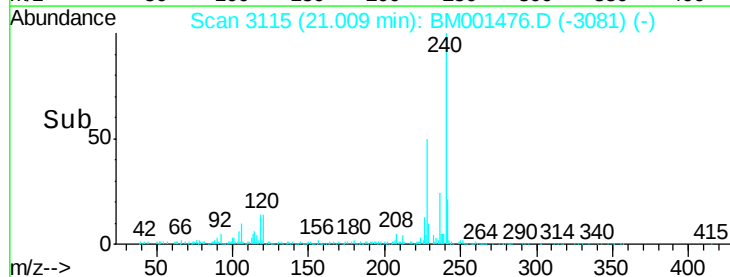
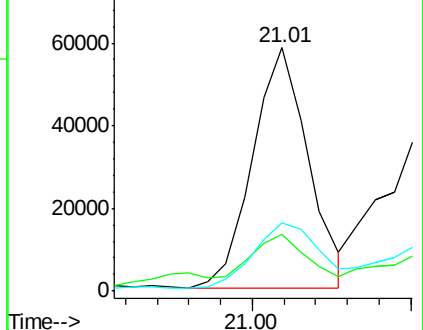
226 28.3 20.6 30.8

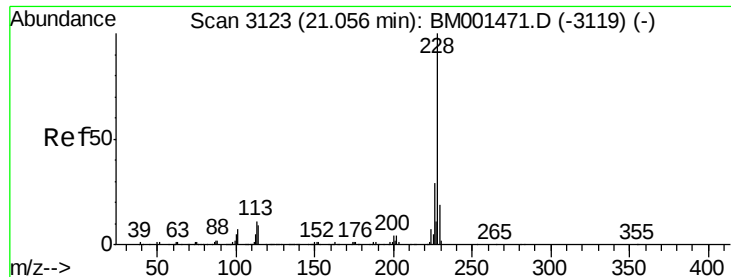


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.38 ng/ul

RT: 21.06 min Scan# 3124

Delta R.T. 0.01 min

Lab File: BM001476.D

Acq: 30 May 2015 15:47

Instrument :

BNA_M

ClientSampleId :

BCRCORE

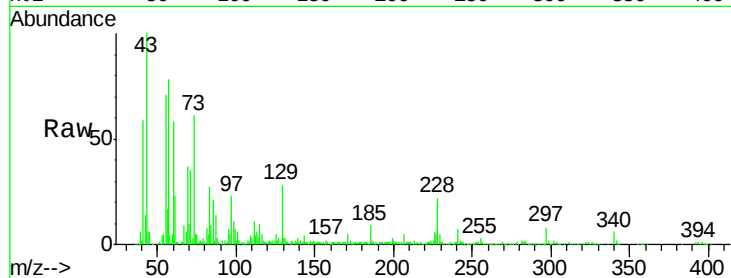
Tgt Ion:228 Resp: 93301

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.4

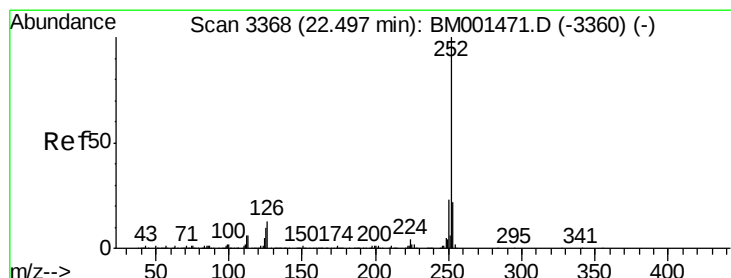
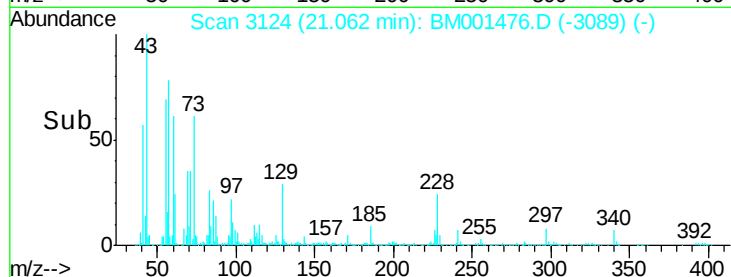
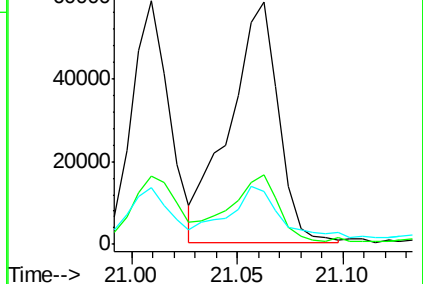
229 21.7 15.7 23.5



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: 2.97 ng/ul

RT: 22.50 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM001476.D

Acq: 30 May 2015 15:47

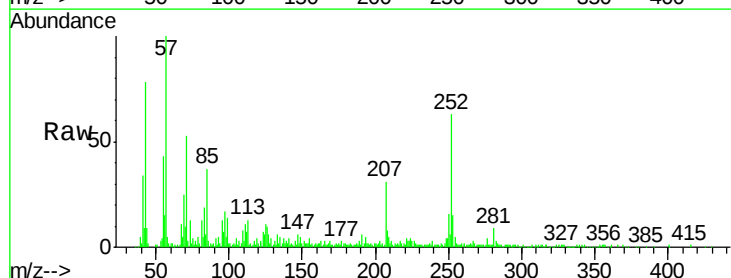
Tgt Ion:252 Resp: 118658

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

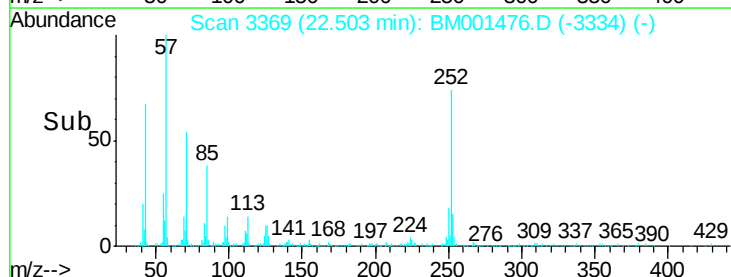
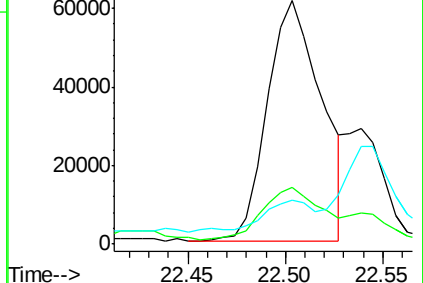
125 18.1 8.6 12.8#

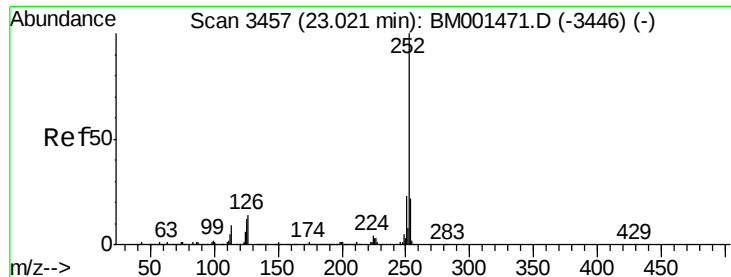


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.20 ng/ul

RT: 23.03 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BM001476.D

Acq: 30 May 2015 15:47

Instrument :

BNA_M

ClientSampleId :

BCRCORE

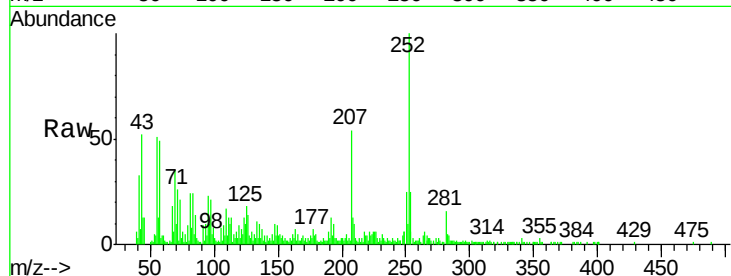
Tgt Ion:252 Resp: 82495

Ion Ratio Lower Upper

252 100

253 25.4 17.0 25.4

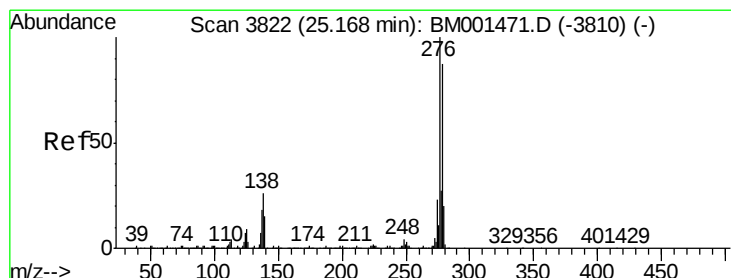
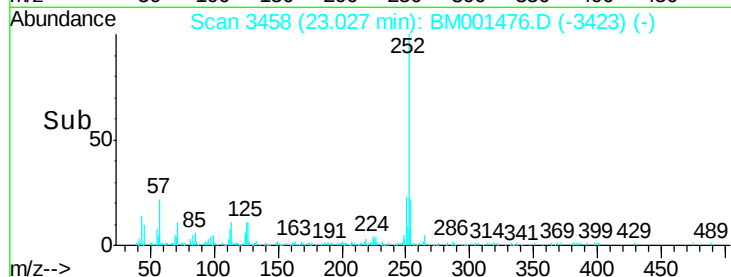
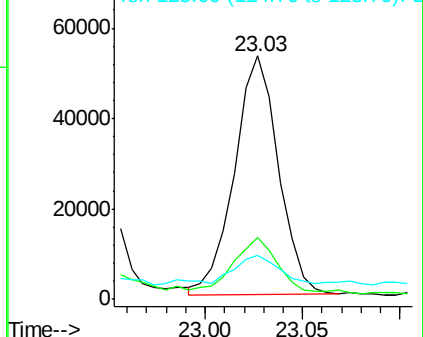
125 17.8 8.8 13.2#



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: 1.51 ng/ul

RT: 25.18 min Scan# 3824

Delta R.T. 0.01 min

Lab File: BM001476.D

Acq: 30 May 2015 15:47

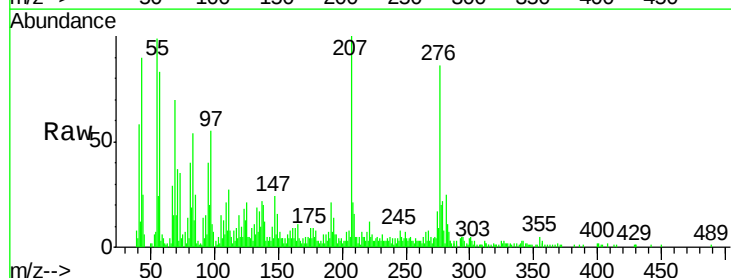
Tgt Ion:276 Resp: 59468

Ion Ratio Lower Upper

276 100

138 22.9 20.6 31.0

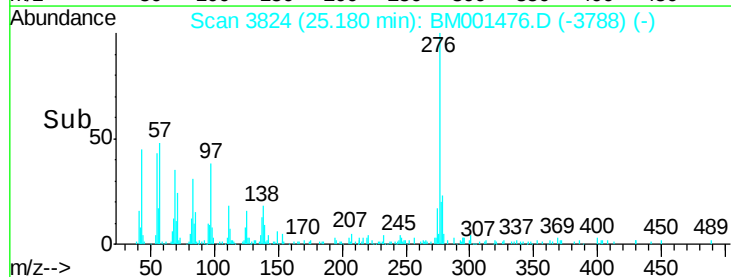
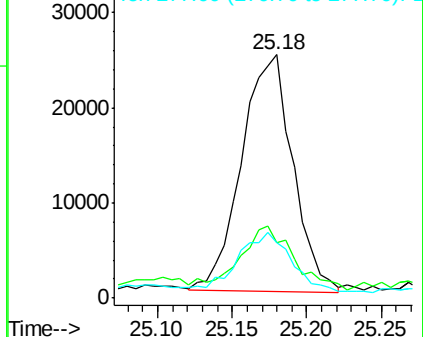
277 23.0 19.2 28.8

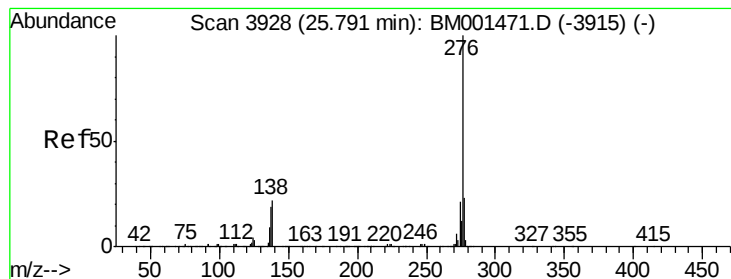


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.84 ng/ul

RT: 25.80 min Scan# 3929

Delta R.T. 0.01 min

Lab File: BM001476.D

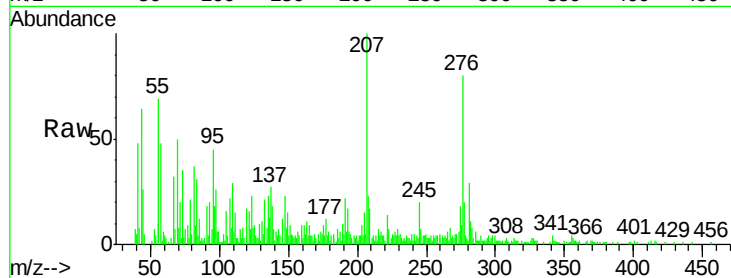
Acq: 30 May 2015 15:47

Instrument :

BNA_M

ClientSampleId :

BCRC0RE



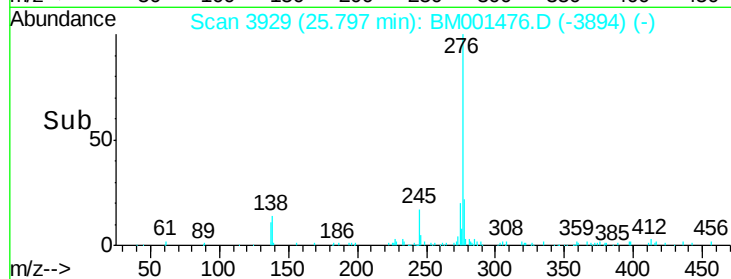
Tgt Ion: 276 Resp: 60062

Ion Ratio Lower Upper

276 100

138 22.5 17.9 26.9

277 25.3 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

