

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001486.D
 Acq On : 30 May 2015 21:51
 Operator : TP/IZ
 Sample : G2411-08RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB9RE

Quant Time: May 31 02:22:10 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	7.38	152	206146	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	893727	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	512681	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	1062910	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	1005108	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	919809	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	14040	3.40	ng/uL	0.00
5) Phenol-d5	6.58	99	316888	20.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	195847	20.59	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	271212	21.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	238358	18.52	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	130086	22.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	146032	22.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	271632	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	135997	8.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	735050	20.45	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	1011650	20.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	123971	16.91	ng/ul	0.00
57) Fluorene-d10	15.06	176	694083	19.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	47915	7.32	ng/ul	0.00
70) Anthracene-d10	16.92	188	962544	19.65	ng/ul	0.00
76) Pyrene-d10	19.22	212	1016234	23.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	813086	19.99	ng/ul	0.00

Target Compounds

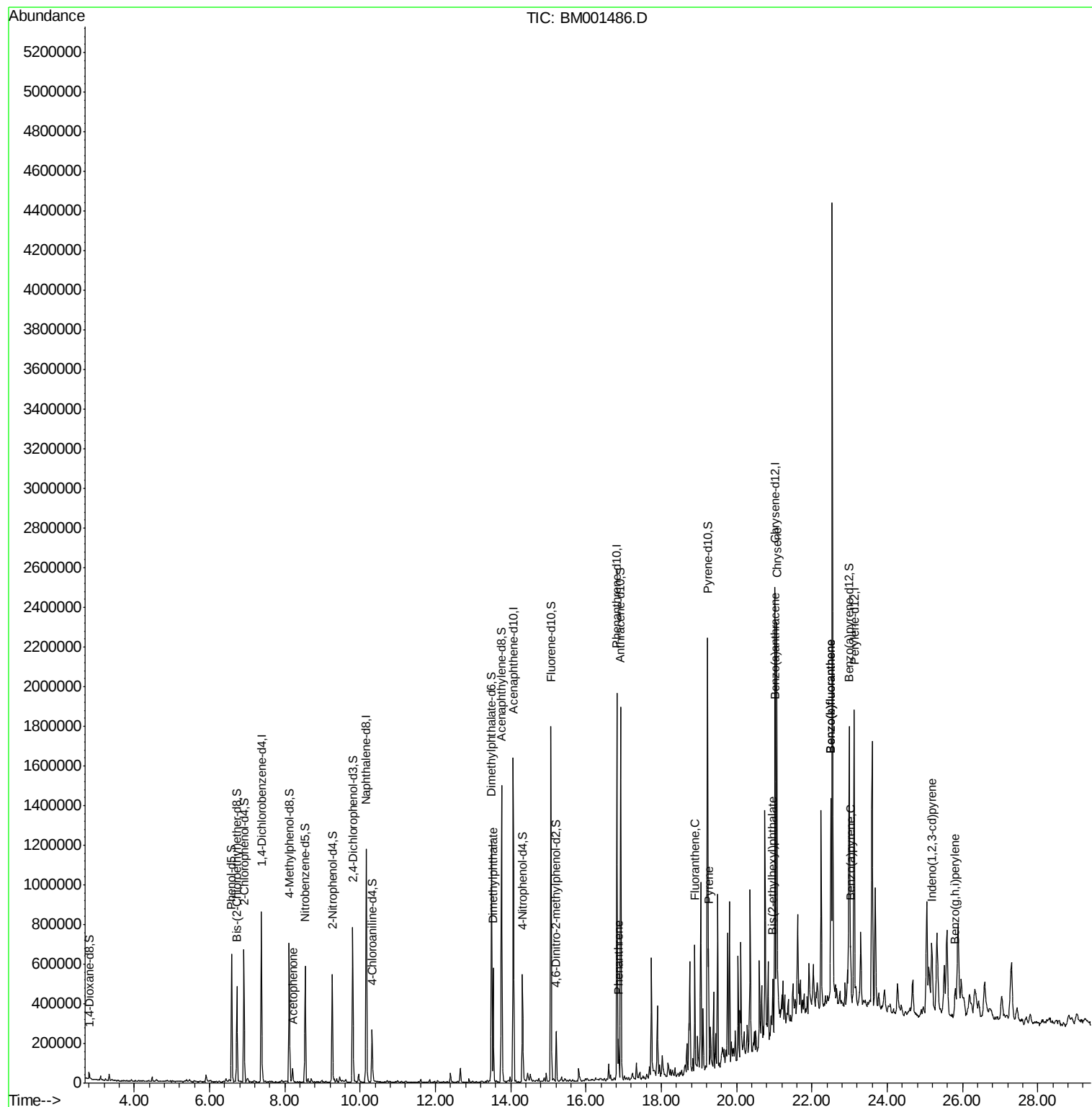
						Qvalue
14) Acetophenone	8.20	105	32037	1.52	ng/ul	99
44) Dimethylphthalate	13.53	163	337747	8.32	ng/ul	100
69) Phenanthrene	16.86	178	111408	1.88	ng/ul	98
74) Fluoranthene	18.89	202	340856	4.75	ng/ul	99
77) Pyrene	19.25	202	320626	5.34	ng/ul	98
80) Benzo(a)anthracene	21.01	228	167169	2.85	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	20.96	149	84744	2.26	ng/ul	97
82) Chrysene	21.06	228	187857	3.40	ng/ul	99
85) Benzo(b)fluoranthene	22.50	252	278024	4.94	ng/ul	97
86) Benzo(k)fluoranthene	22.50	252	63105	1.17	ng/ul	98
88) Benzo(a)pyrene	23.03	252	171645	3.25	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.17	276	120190	2.16	ng/ul	94
91) Benzo(g,h,i)perylene	25.80	276	118185	2.57	ng/ul	96

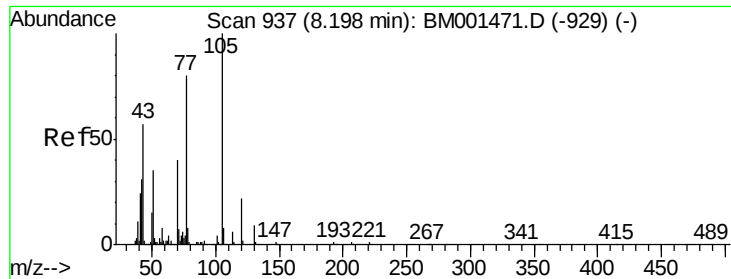
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.52 ng/ul

RT: 8.20 min Scan# 938

Delta R.T. 0.01 min

Lab File: BM001486.D

Acq: 30 May 2015 21:51

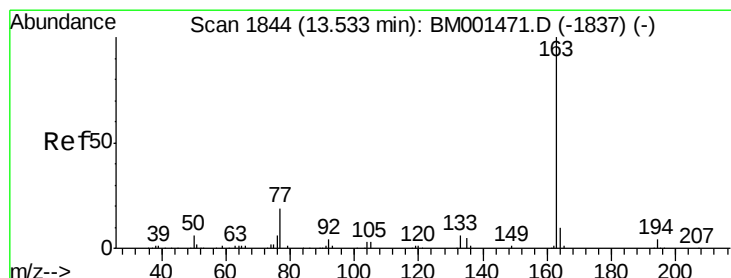
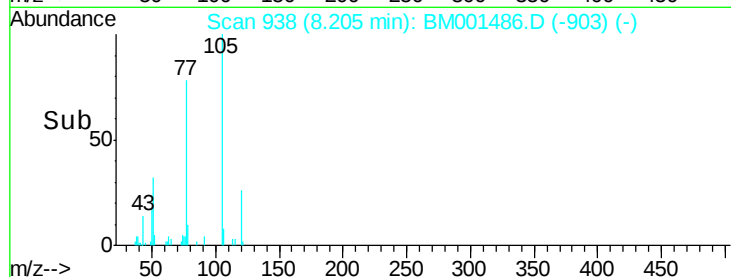
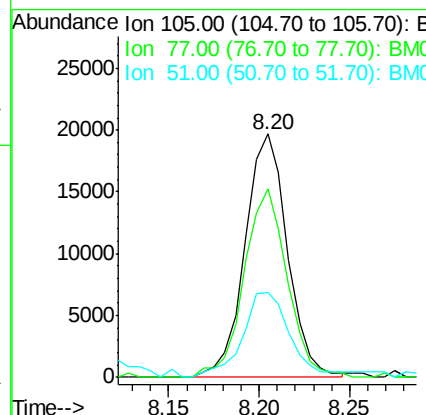
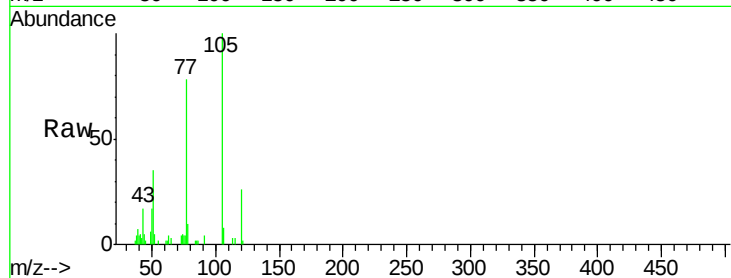
Instrument :

BNA_M

ClientSampleId :

BCRB9RE

Tgt Ion:	105	Resp:	32037
Ion	Ratio	Lower	Upper
105	100		
77	77.7	61.6	92.4
51	34.6	27.5	41.3



#44

Dimethylphthalate

Concen: 8.32 ng/ul

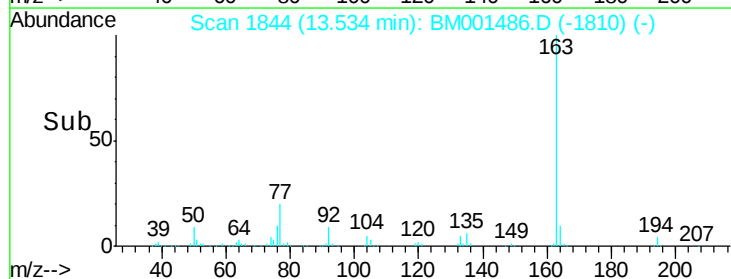
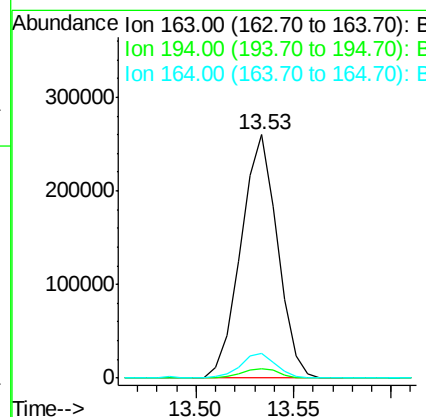
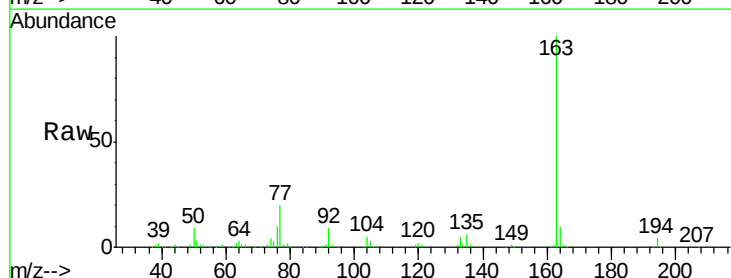
RT: 13.53 min Scan# 1844

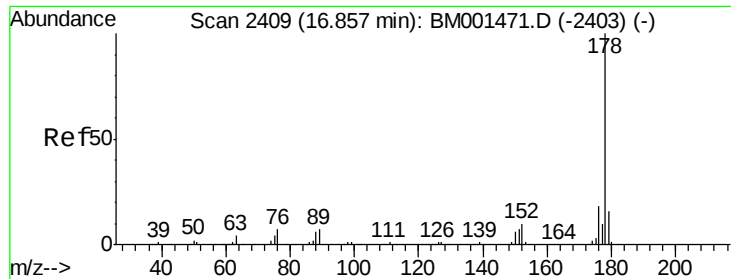
Delta R.T. 0.00 min

Lab File: BM001486.D

Acq: 30 May 2015 21:51

Tgt Ion:	163	Resp:	337747
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.2	8.2	12.4





#69

Phenanthrene

Concen: 1.88 ng/ul

RT: 16.86 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BM001486.D

Acq: 30 May 2015 21:51

Instrument :

BNA_M

ClientSampleId :

BCRB9RE

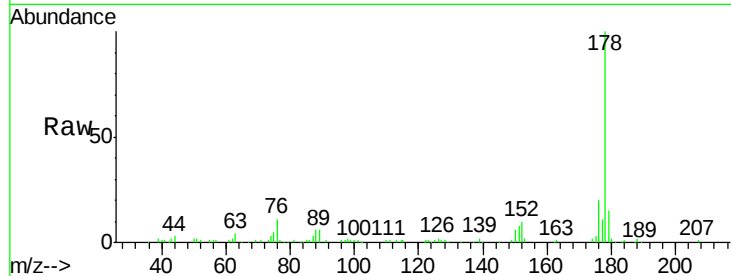
Tgt Ion:178 Resp: 111408

Ion Ratio Lower Upper

178 100

179 15.2 11.9 17.9

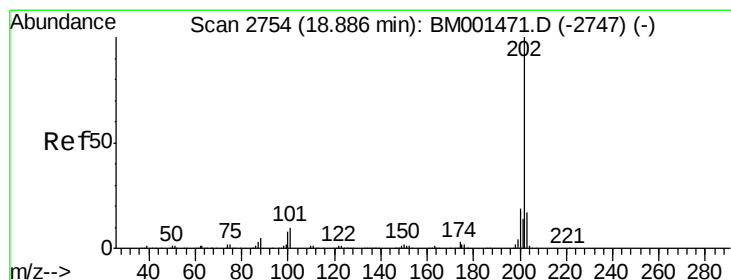
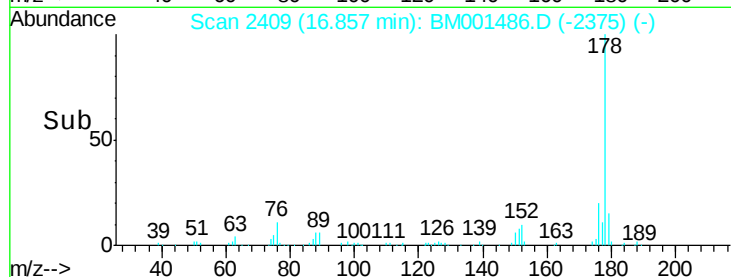
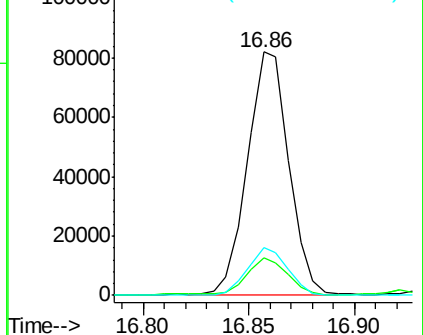
176 19.8 15.0 22.4



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: 4.75 ng/ul

RT: 18.89 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BM001486.D

Acq: 30 May 2015 21:51

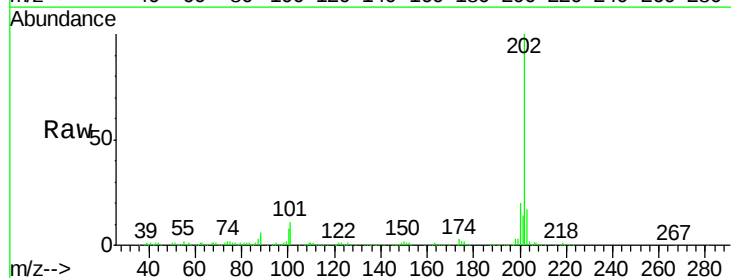
Tgt Ion:202 Resp: 340856

Ion Ratio Lower Upper

202 100

101 10.5 8.6 12.8

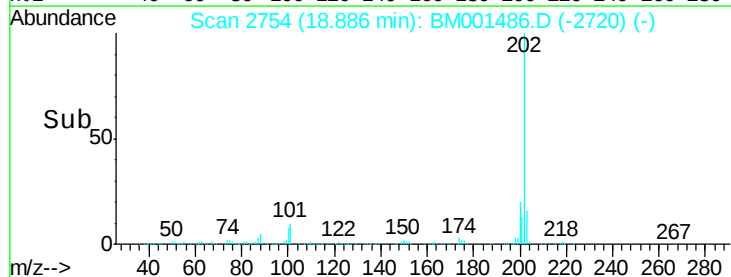
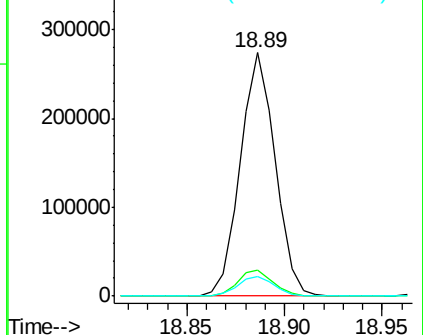
100 7.8 6.5 9.7

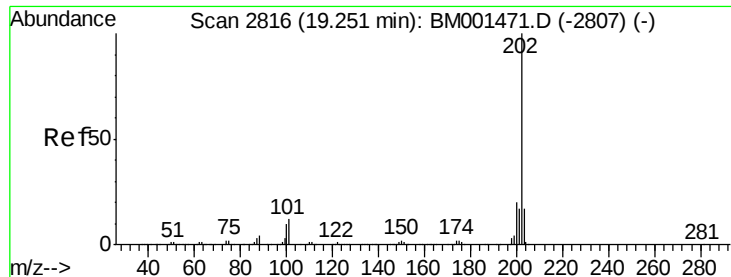


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 5.34 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM001486.D

Acq: 30 May 2015 21:51

Instrument :

BNA_M

ClientSampleId :

BCRB9RE

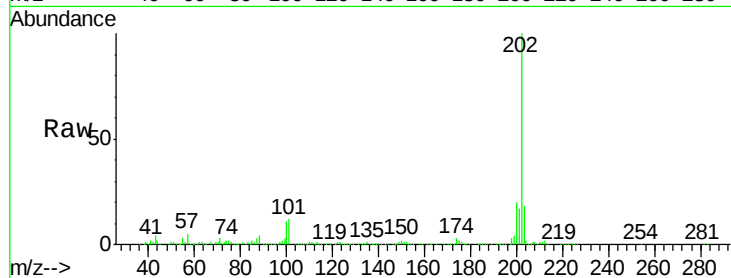
Tgt Ion:202 Resp: 320626

Ion Ratio Lower Upper

202 100

101 11.8 10.3 15.5

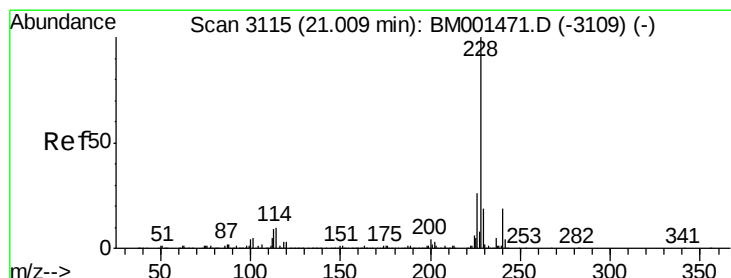
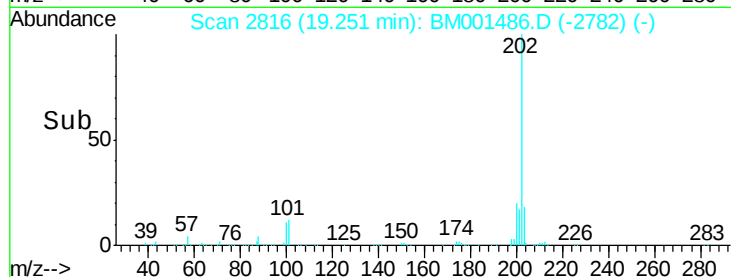
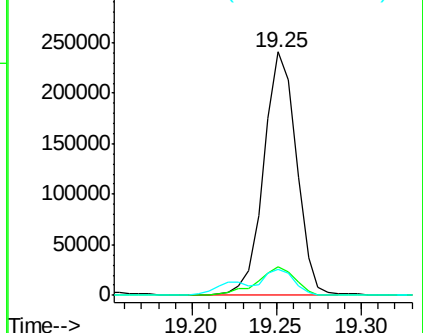
100 10.8 8.6 12.8



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: 2.85 ng/ul

RT: 21.01 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM001486.D

Acq: 30 May 2015 21:51

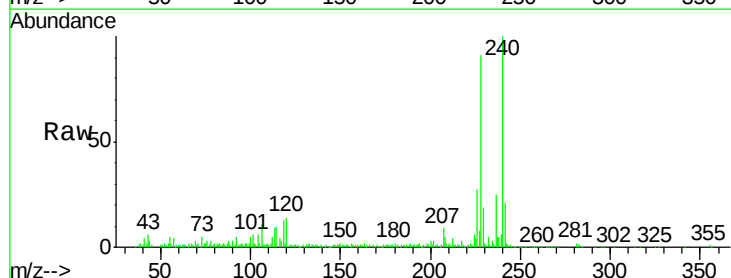
Tgt Ion:228 Resp: 167169

Ion Ratio Lower Upper

228 100

229 20.9 15.8 23.8

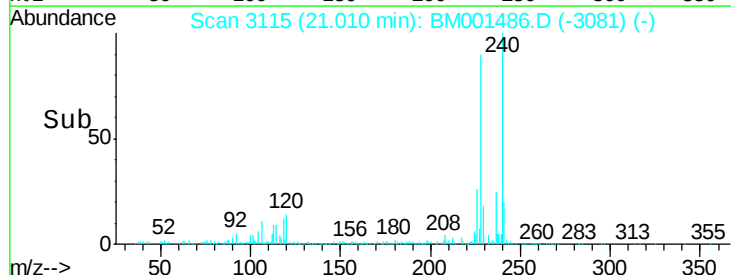
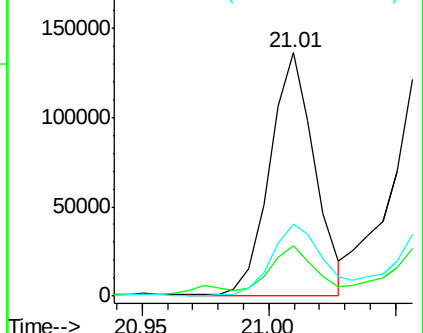
226 29.7 20.6 30.8

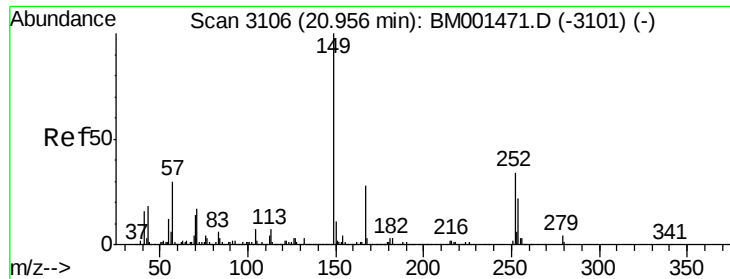


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

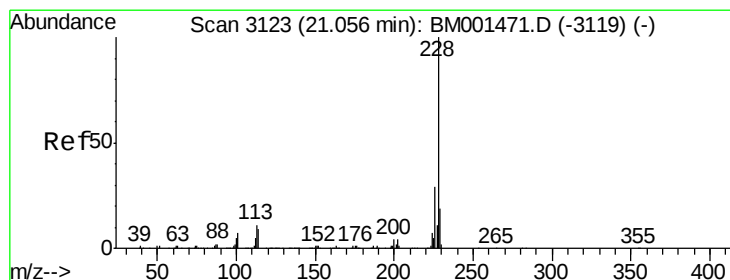
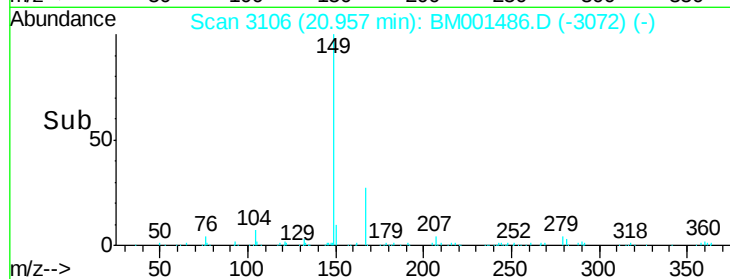
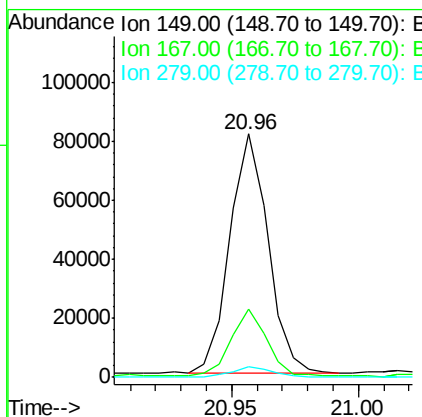
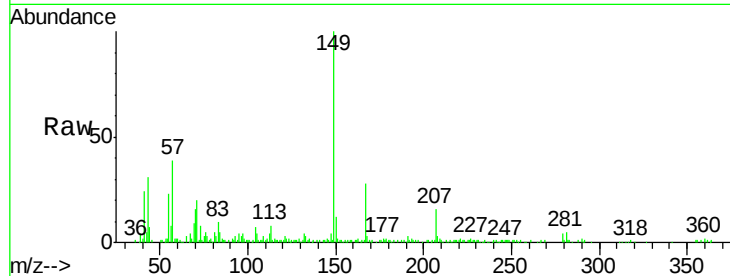




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.26 ng/ul
 RT: 20.96 min Scan# 3106
 Delta R.T. 0.00 min
 Lab File: BM001486.D
 Acq: 30 May 2015 21:51

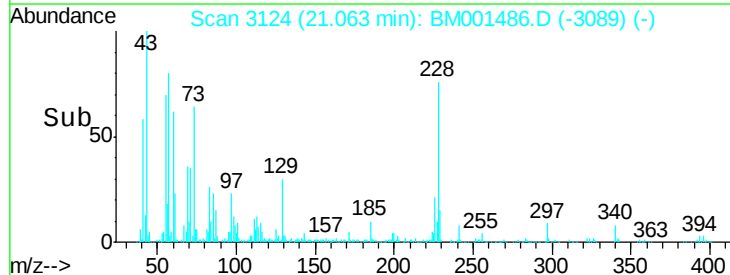
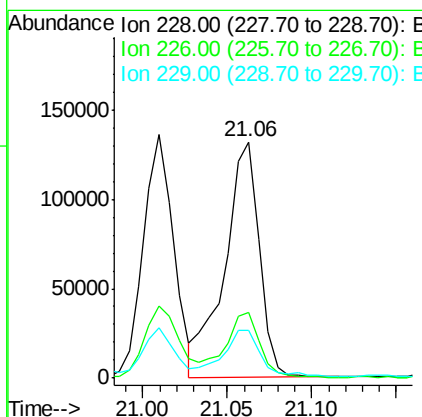
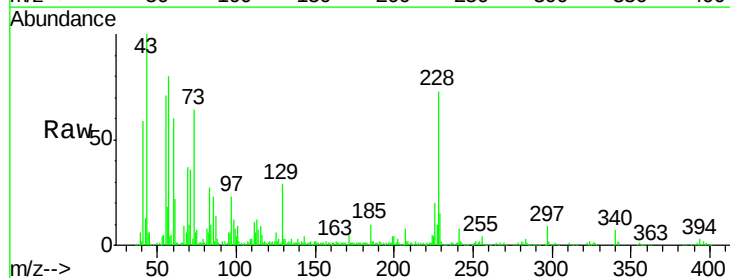
Instrument :
 BNA_M
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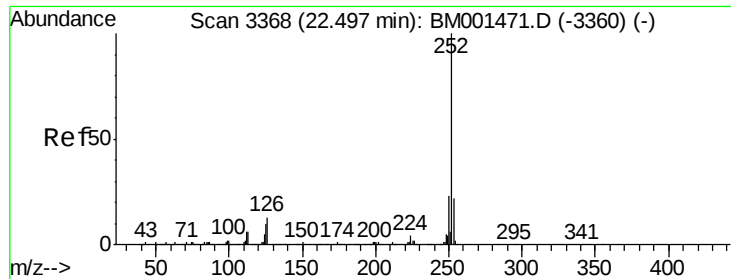
Tgt Ion:149 Resp: 84744
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.2 31.8
 279 4.3 3.1 4.7



#82
 Chrysene
 Concen: 3.40 ng/ul
 RT: 21.06 min Scan# 3124
 Delta R.T. 0.01 min
 Lab File: BM001486.D
 Acq: 30 May 2015 21:51

Tgt Ion:228 Resp: 187857
 Ion Ratio Lower Upper
 228 100
 226 27.9 23.0 34.4
 229 20.2 15.7 23.5





#85

Benzo(b)fluoranthene

Concen: 4.94 ng/ul

RT: 22.50 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BM001486.D

Acq: 30 May 2015 21:51

Instrument :

BNA_M

ClientSampleId :

BCRB9RE

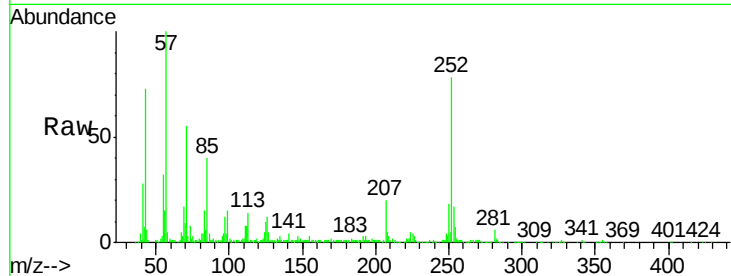
Tgt Ion:252 Resp: 278024

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

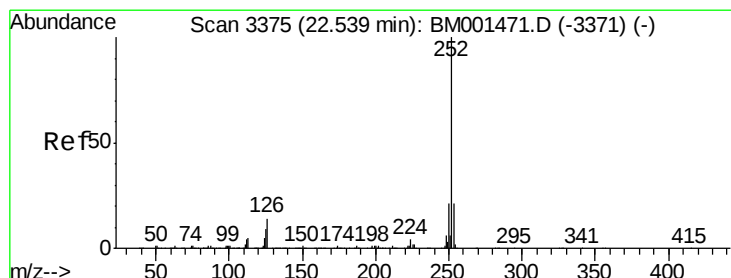
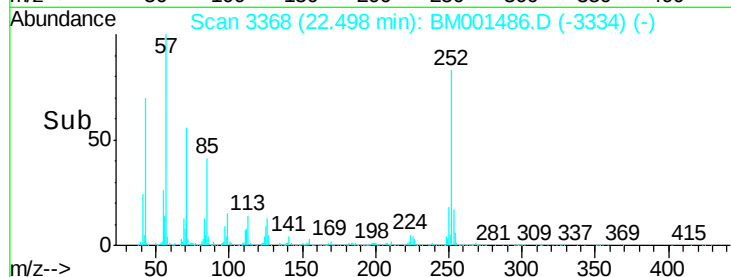
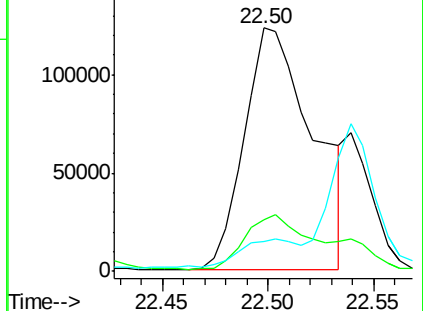
125 12.3 8.6 12.8



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: 1.17 ng/ul

RT: 22.50 min Scan# 3368

Delta R.T. -0.04 min

Lab File: BM001486.D

Acq: 30 May 2015 21:51

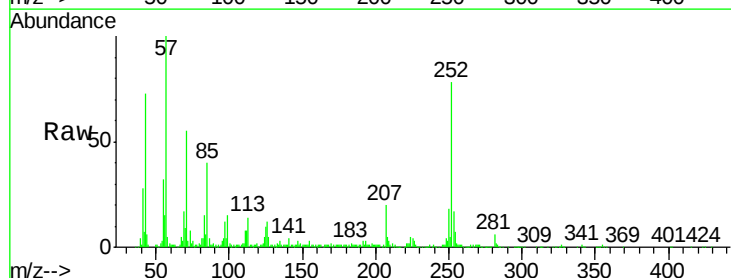
Tgt Ion:252 Resp: 63105

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

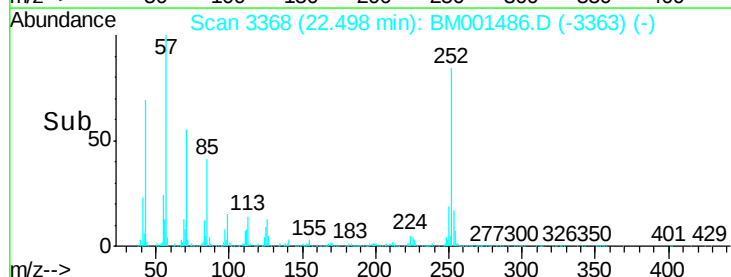
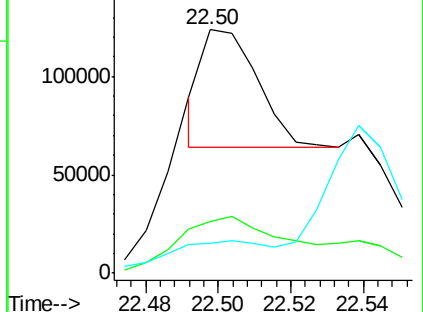
125 12.3 8.6 13.0

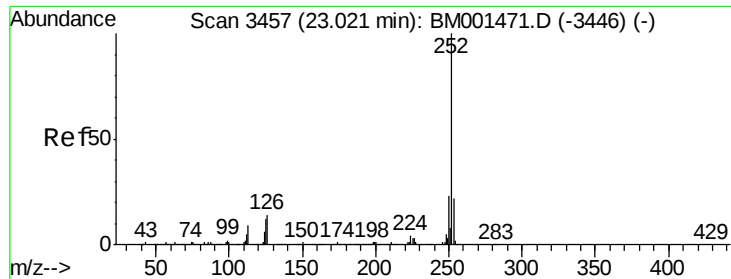


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 3.25 ng/ul

RT: 23.03 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BM001486.D

Acq: 30 May 2015 21:51

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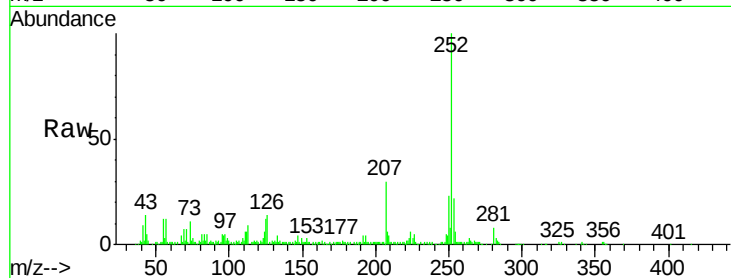
Tgt Ion:252 Resp: 171645

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

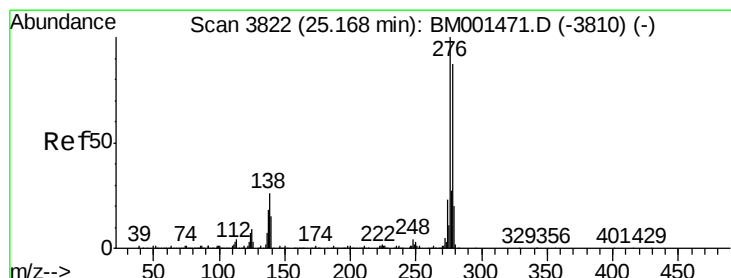
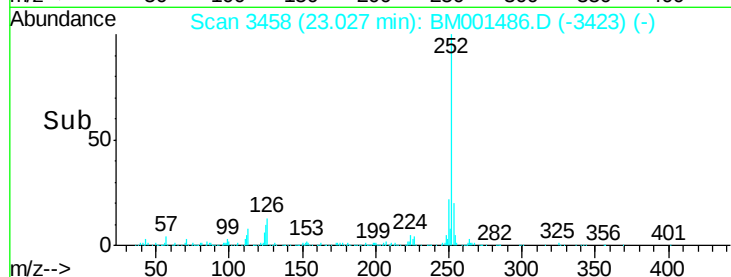
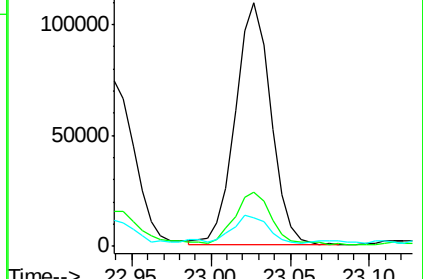
125 11.6 8.8 13.2



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: 2.16 ng/ul

RT: 25.17 min Scan# 3822

Delta R.T. 0.00 min

Lab File: BM001486.D

Acq: 30 May 2015 21:51

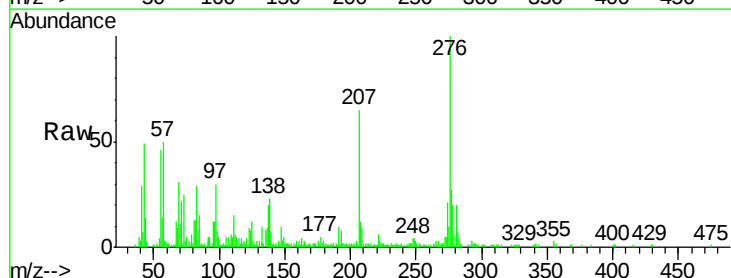
Tgt Ion:276 Resp: 120190

Ion Ratio Lower Upper

276 100

138 22.8 20.6 31.0

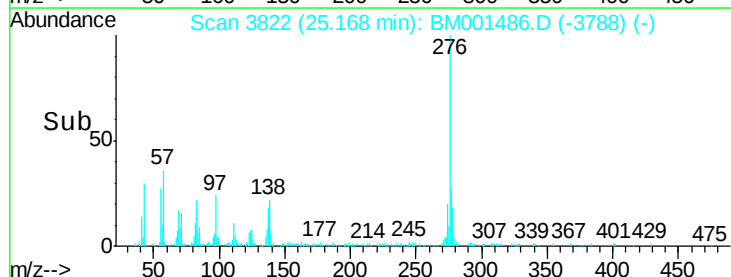
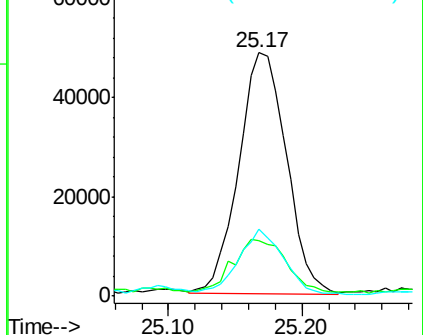
277 27.5 19.2 28.8

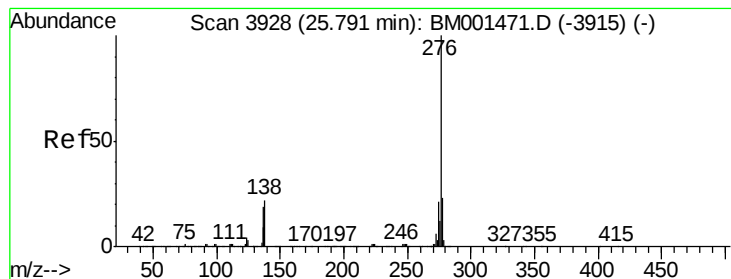


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.57 ng/ul

RT: 25.80 min Scan# 3930

Delta R.T. 0.01 min

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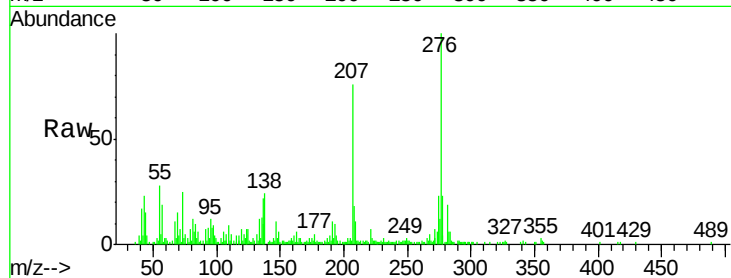
Tgt Ion: 276 Resp: 118185

Ion Ratio Lower Upper

276 100

138 24.4 17.9 26.9

277 23.2 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

