

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
 Data File : BM006540.D
 Acq On : 20 Jul 2016 02:26
 Operator : UM/SJ
 Sample : H4029-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJB3

Quant Time: Jul 20 04:26:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 20 04:22:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	187102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	824069	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	465477	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	1030713	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1162458	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1232574	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	6889	1.55	ng/uL	0.00
5) Phenol-d5	6.79	99	280381	18.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	177990	19.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	223371	17.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	224843	18.45	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	107347	17.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	117648	16.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	214180	16.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	303265	21.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	675032	17.72	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	846642	17.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	100769	15.23	ng/ul	0.00
57) Fluorene-d10	15.26	176	598927	17.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	77554	13.01	ng/ul	0.00
70) Anthracene-d10	17.11	188	927786	19.04	ng/ul	0.00
76) Pyrene-d10	19.42	212	1023764	19.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1071403	19.01	ng/ul	0.00

Target Compounds

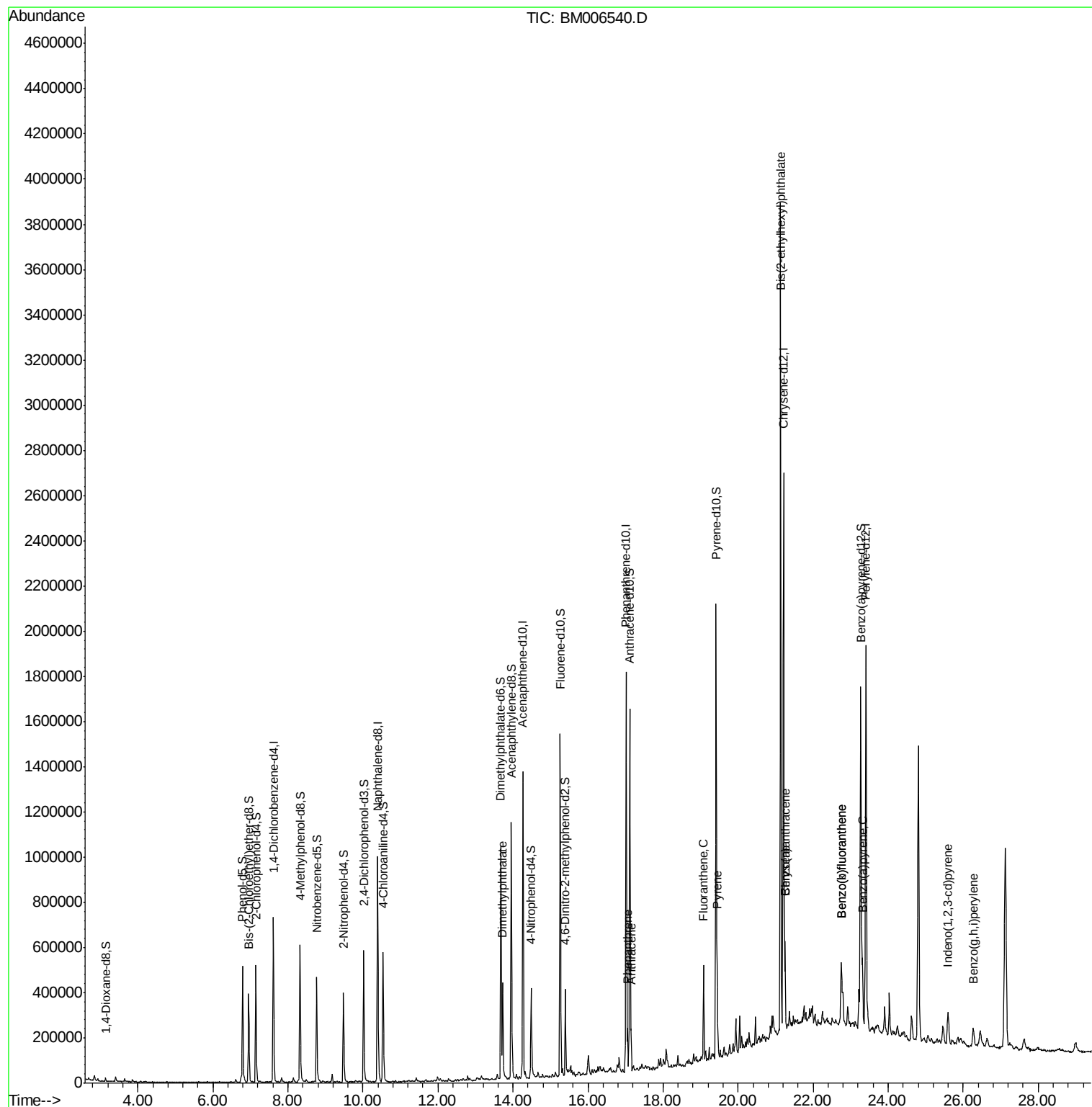
						Qvalue
44) Dimethylphthalate	13.72	163	252951	6.54	ng/ul	99
69) Phenanthrene	17.06	178	111674	1.97	ng/ul	97
71) Anthracene	17.14	178	102320	1.76	ng/ul	99
74) Fluoranthene	19.08	202	260913	3.96	ng/ul	99
77) Pyrene	19.44	202	257545	3.71	ng/ul	99
80) Benzo(a)anthracene	21.25	228	206507	2.91	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.13	149	1256893	29.66	ng/ul	100
82) Chrysene	21.25	228	206507	3.09	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	234522	3.18	ng/ul	99
86) Benzo(k)fluoranthene	22.76	252	234522	3.38	ng/ul	99
88) Benzo(a)pyrene	23.31	252	205964	2.92	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.60	276	121318	1.48	ng/ul	98
91) Benzo(g,h,i)perylene	26.27	276	95595	1.32	ng/ul	98

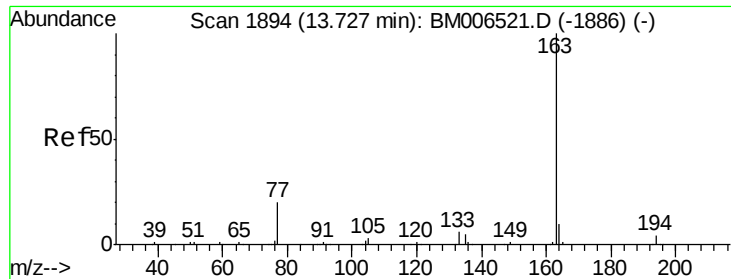
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 20 04:22:37 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 6.54 ng/ul

RT: 13.72 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BM006540.D

Acq: 20 Jul 2016 02:26

Instrument :

BNA_M

ClientSampleId :

BDJB3

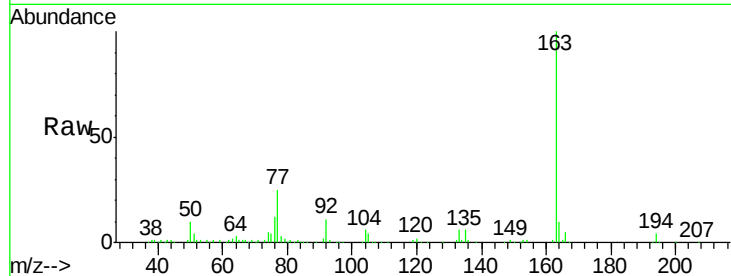
Tgt Ion:163 Resp: 252951

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

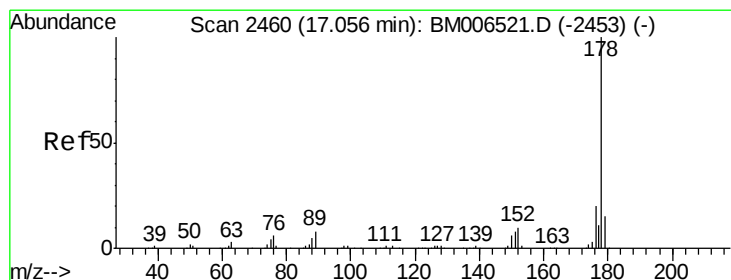
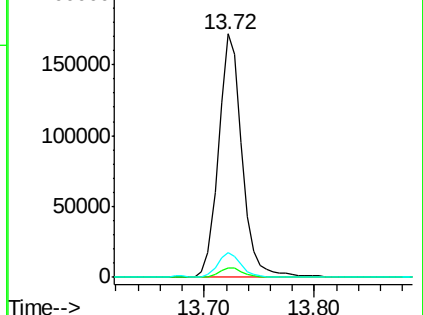
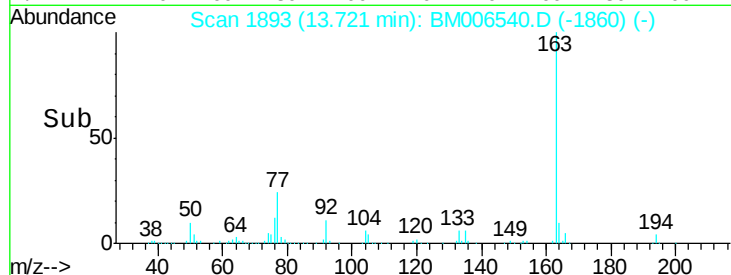
164 9.9 7.8 11.8



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: 1.97 ng/ul

RT: 17.06 min Scan# 2460

Delta R.T. -0.00 min

Lab File: BM006540.D

Acq: 20 Jul 2016 02:26

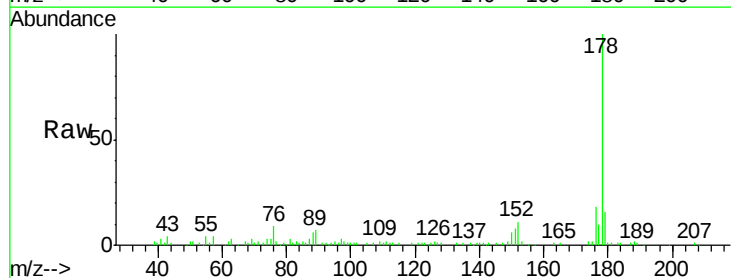
Tgt Ion:178 Resp: 111674

Ion Ratio Lower Upper

178 100

179 16.5 11.9 17.9

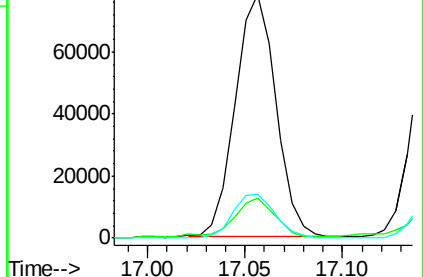
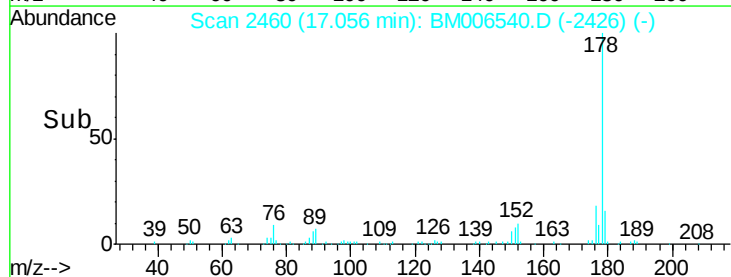
176 18.1 15.2 22.8

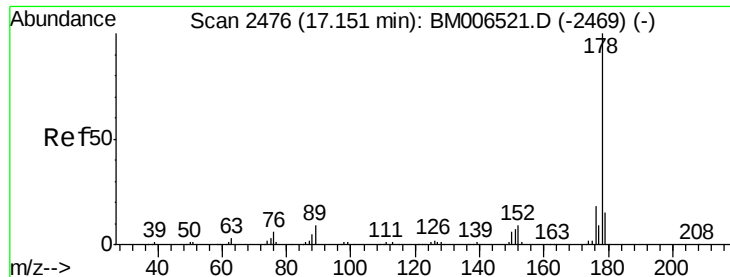


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

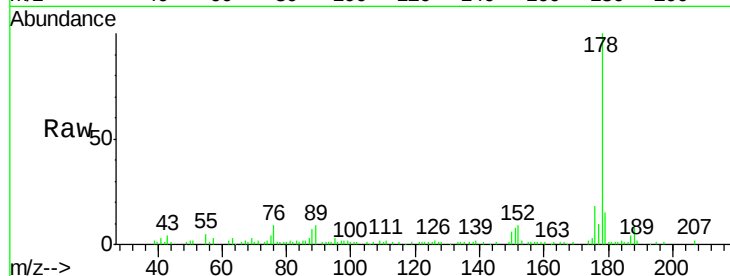




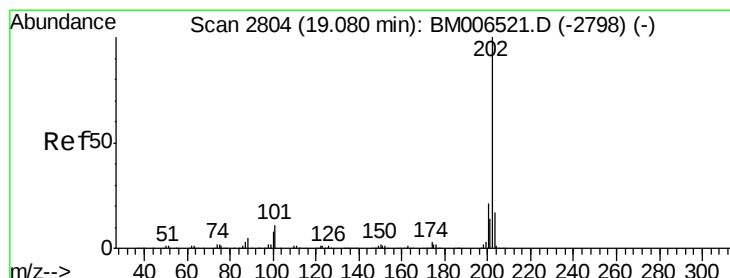
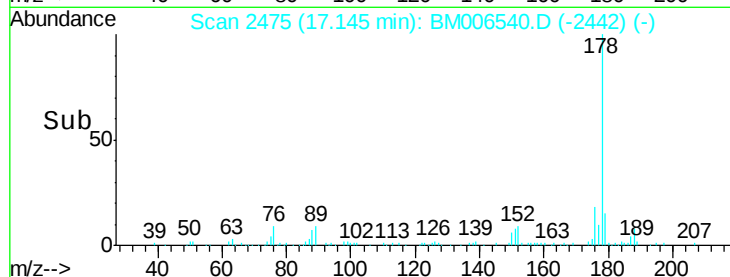
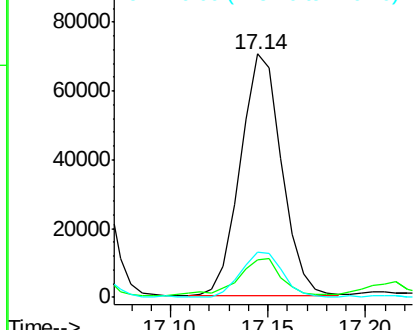
#71
 Anthracene
 Concen: 1.76 ng/ul
 RT: 17.14 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM006540.D
 Acq: 20 Jul 2016 02:26

Instrument :
 BNA_M
 ClientSampleId :
 BDJB3

Tgt Ion:178 Resp: 102320
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.0 18.0
 176 18.5 15.0 22.6

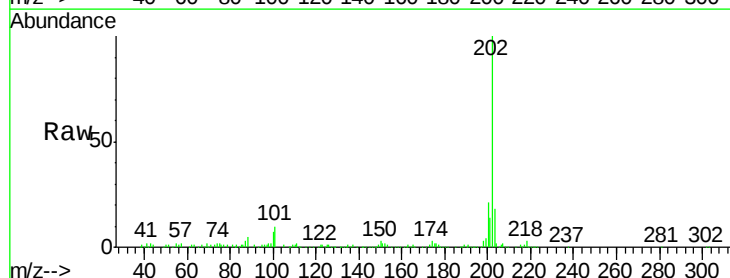


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

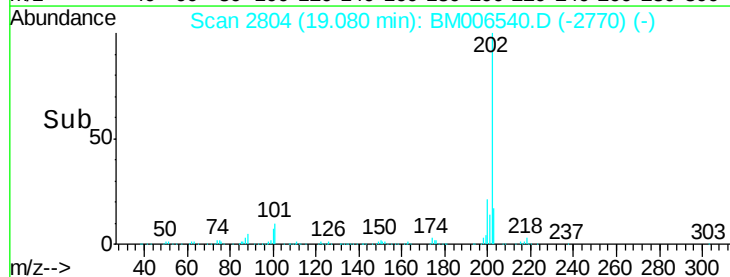
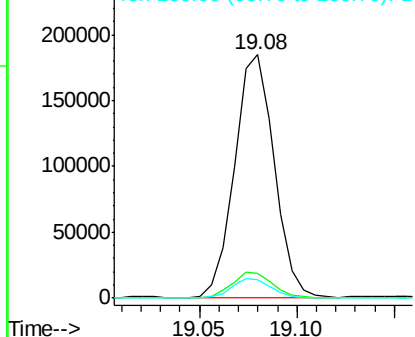


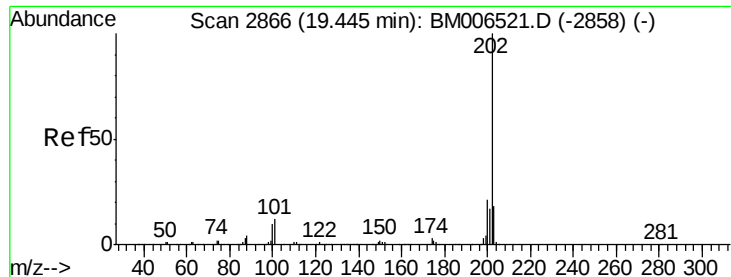
#74
 Fluoranthene
 Concen: 3.96 ng/ul
 RT: 19.08 min Scan# 2804
 Delta R.T. 0.00 min
 Lab File: BM006540.D
 Acq: 20 Jul 2016 02:26

Tgt Ion:202 Resp: 260913
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.6 12.8
 100 7.3 6.4 9.6



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

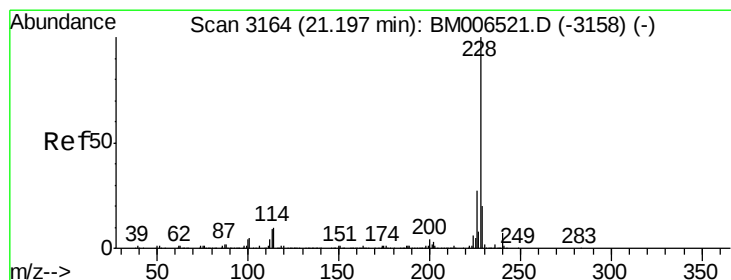
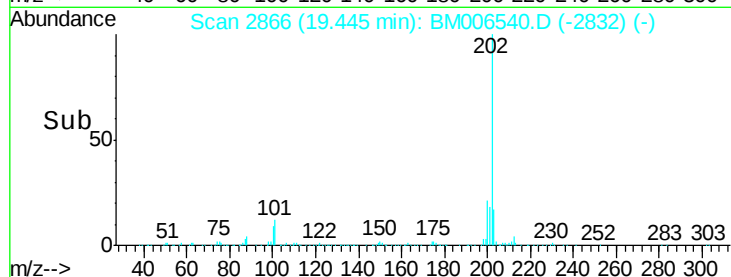
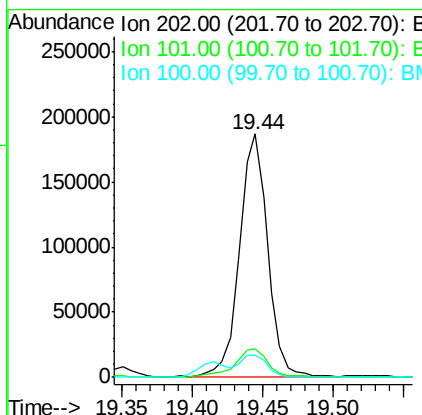
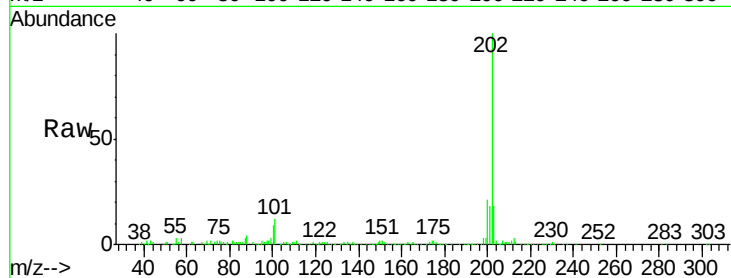




#77
 Pyrene
 Concen: 3.71 ng/ul
 RT: 19.44 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BM006540.D
 Acq: 20 Jul 2016 02:26

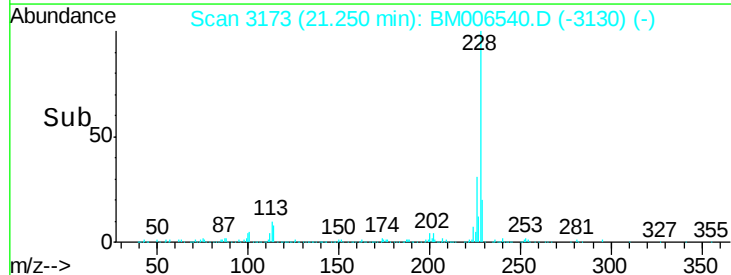
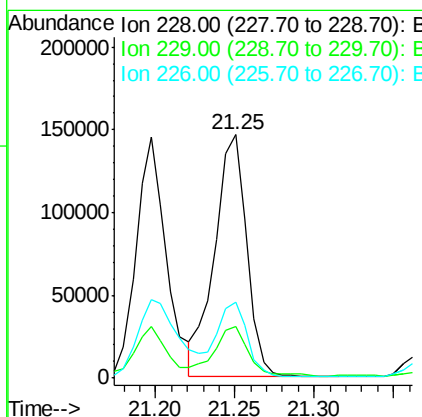
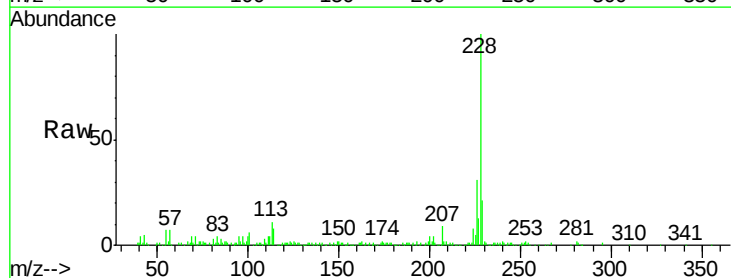
Instrument :
 BNA_M
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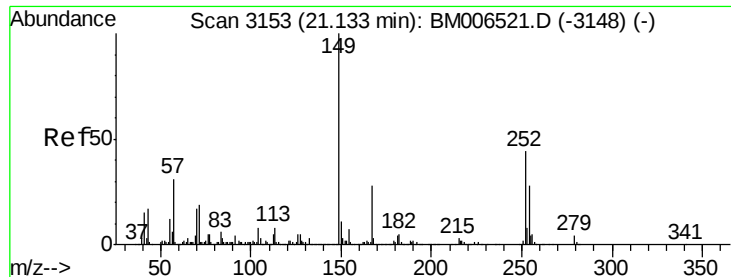
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.0	15.0
100	9.3	7.9	11.9



#80
 Benzo(a)anthracene
 Concen: 2.91 ng/ul
 RT: 21.25 min Scan# 3173
 Delta R.T. 0.05 min
 Lab File: BM006540.D
 Acq: 20 Jul 2016 02:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	31.1	21.4	32.2

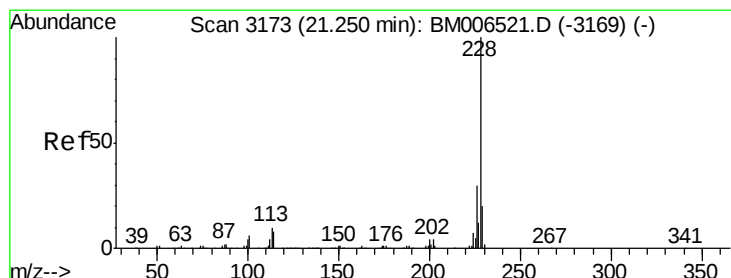
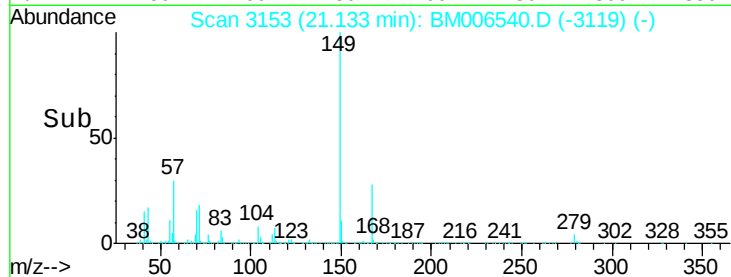
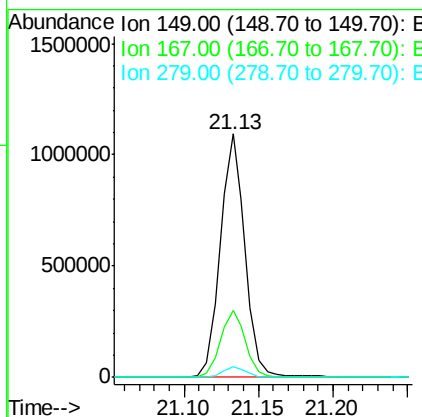
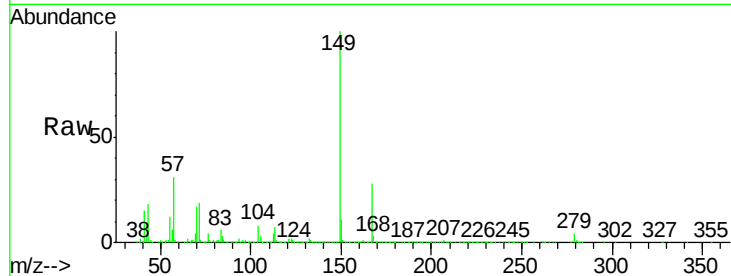




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 29.66 ng/ul
 RT: 21.13 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BM006540.D
 Acq: 20 Jul 2016 02:26

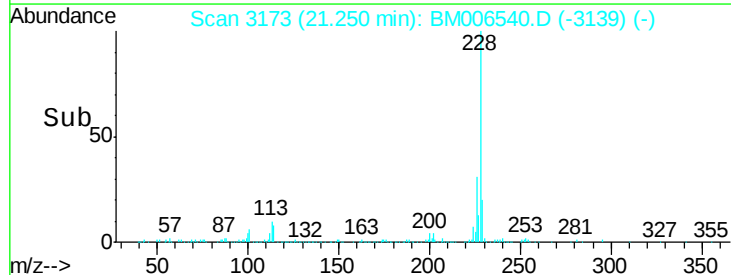
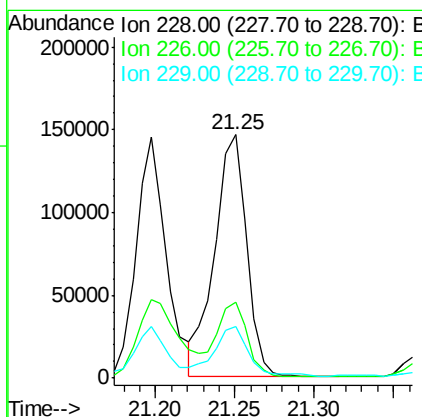
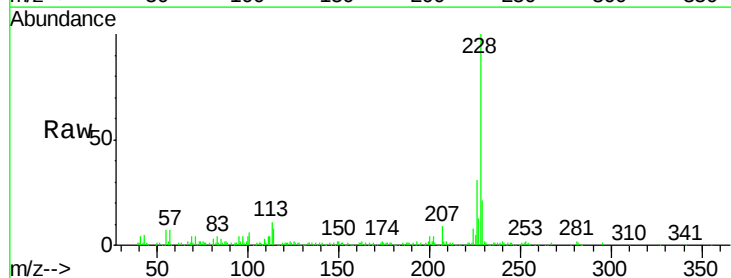
Instrument :
 BNA_M
 ClientSampleID :
 BDJB3

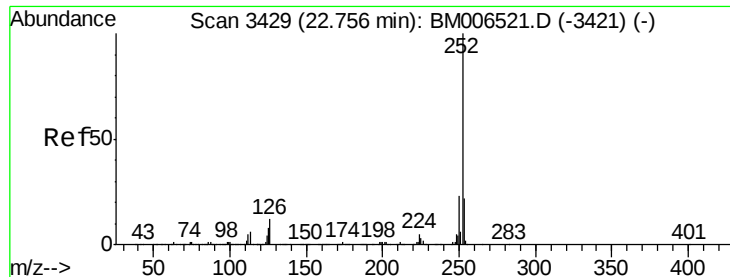
Tgt Ion:149 Resp: 1256893
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.2 33.2
 279 4.3 3.1 4.7



#82
 Chrysene
 Concen: 3.09 ng/ul
 RT: 21.25 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: BM006540.D
 Acq: 20 Jul 2016 02:26

Tgt Ion:228 Resp: 206507
 Ion Ratio Lower Upper
 228 100
 226 31.1 23.3 34.9
 229 21.1 15.8 23.8





#85

Benzo(b)fluoranthene

Concen: 3.18 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BM006540.D

Acq: 20 Jul 2016 02:26

Instrument :

BNA_M

ClientSampleId :

BDJB3

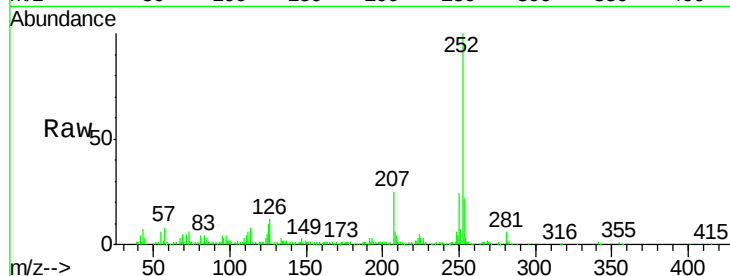
Tgt Ion:252 Resp: 234522

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.0 6.7 10.1

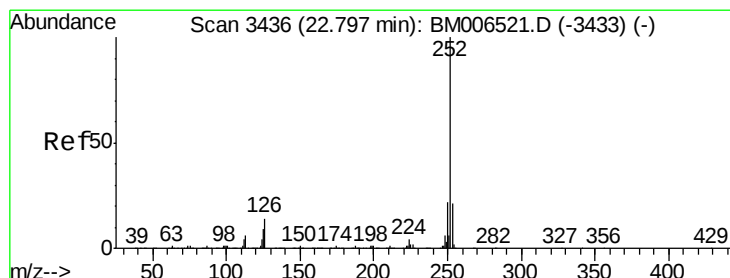
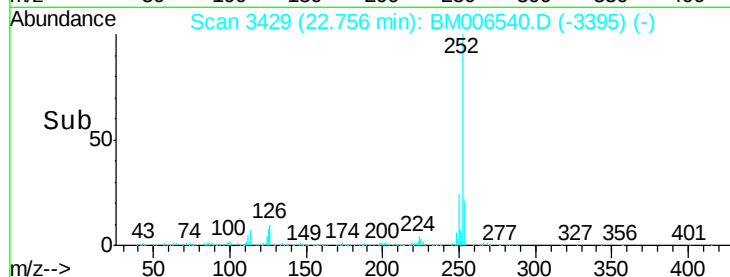
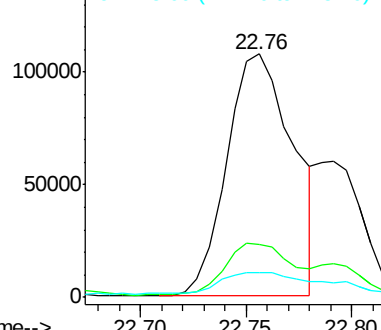


Abundance

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: 3.38 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. -0.04 min

Lab File: BM006540.D

Acq: 20 Jul 2016 02:26

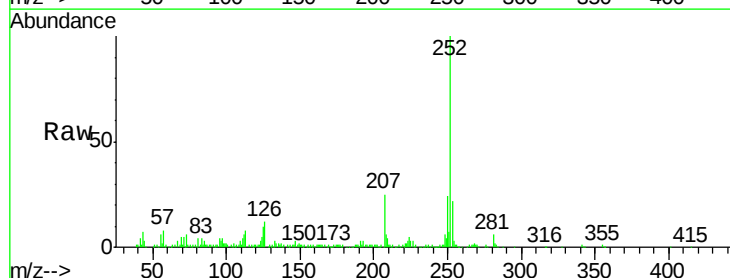
Tgt Ion:252 Resp: 234522

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.0 7.0 10.4

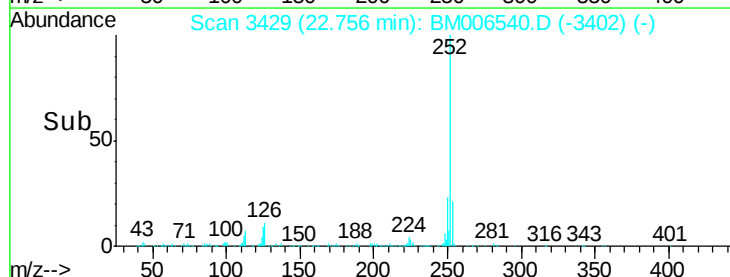
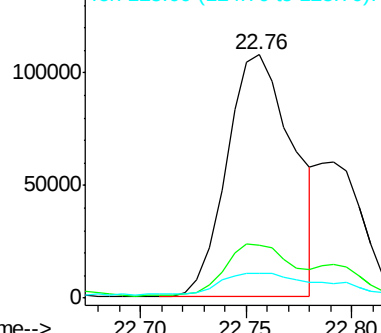


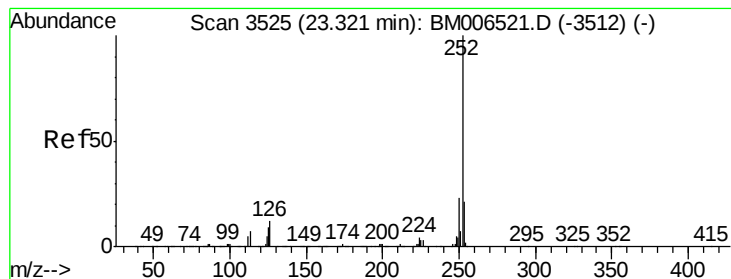
Abundance

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: 2.92 ng/ul

RT: 23.31 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BM006540.D

Acq: 20 Jul 2016 02:26

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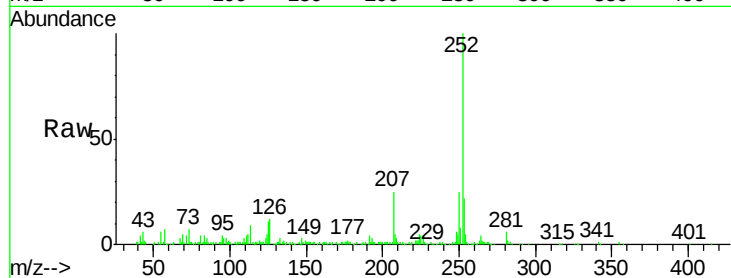
Tgt Ion:252 Resp: 205964

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 10.9 7.6 11.4

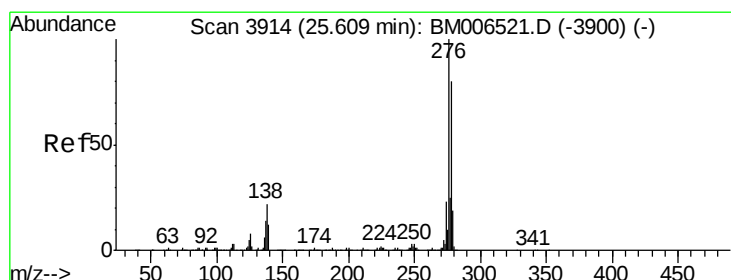
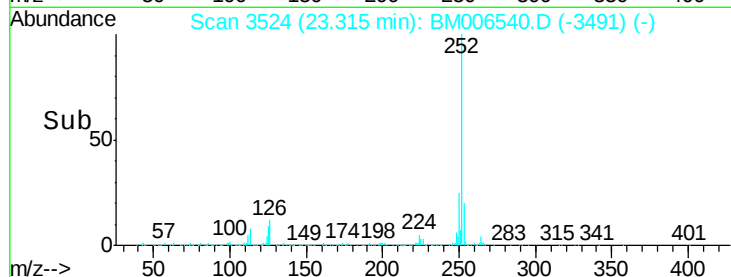
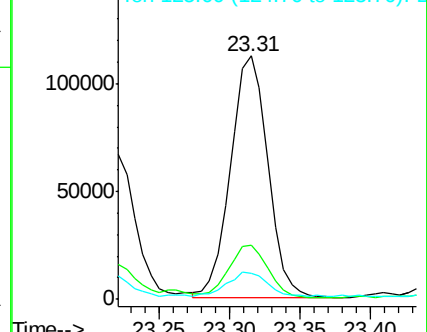


Abundance

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: 1.48 ng/ul

RT: 25.60 min Scan# 3912

Delta R.T. -0.01 min

Lab File: BM006540.D

Acq: 20 Jul 2016 02:26

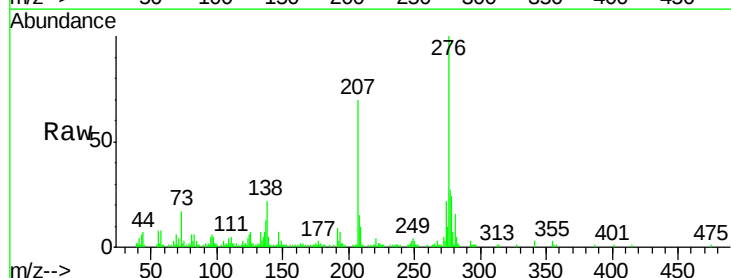
Tgt Ion:276 Resp: 121318

Ion Ratio Lower Upper

276 100

138 21.8 17.8 26.6

277 26.6 20.1 30.1

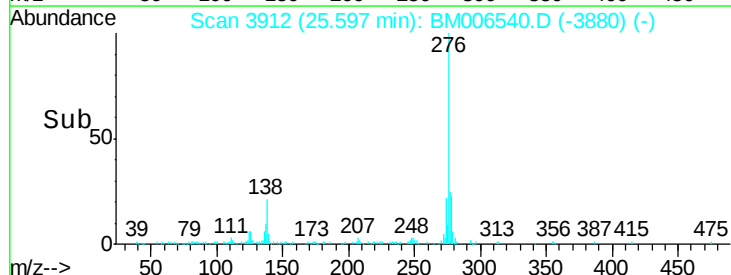
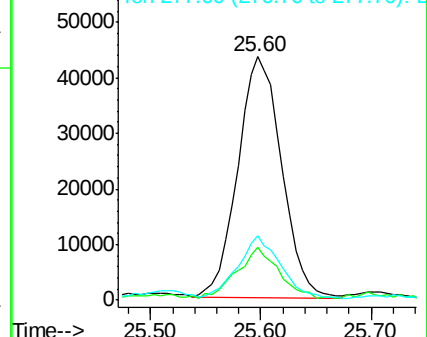


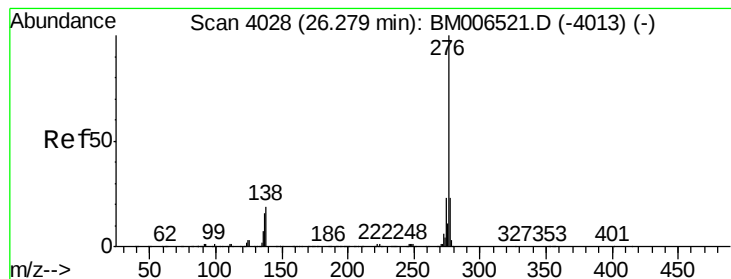
Abundance

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: 1.32 ng/ul

RT: 26.27 min Scan# 4027

Delta R.T. -0.01 min

Lab File: BM006540.D

Acq: 20 Jul 2016 02:26

Instrument :

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ClientSampleId :

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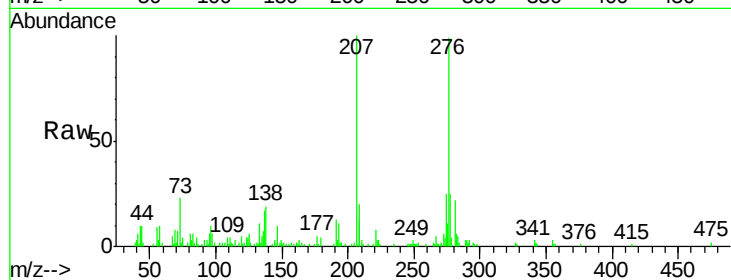
Tgt Ion: 276 Resp: 95595

Ion Ratio Lower Upper

276 100

138 18.8 15.0 22.4

277 25.1 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

