

Data File : BM023244.D
Acq On : 18 Oct 2019 06:28
Operator : JU
Sample : K5235-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEPB5

Quant Time: Oct 18 07:52:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 07:48:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	387177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1478508	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	903192	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1838925	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1881450	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2330617	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	35682	4.06	ng/uL	0.00
5) Phenol-d5	6.83	99	700282	20.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	403716	21.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	592101	22.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	526893	19.45	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	278485	27.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	315203	33.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	610497	25.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	475755	16.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1798128	25.98	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	2130603	26.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	215398	19.22	ng/ul	0.00
58) Fluorene-d10	15.30	176	1539379	26.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	162370	22.27	ng/ul	0.00
71) Anthracene-d10	17.15	188	2369250	26.72	ng/ul	0.00
79) Pyrene-d10	19.45	212	2588018	28.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	3218503	27.24	ng/ul	0.01

Target Compounds

						Qvalue
6) Phenol	6.86	94	108090	3.108	ng/ul	98
45) Dimethylphthalate	13.77	163	592836	8.557	ng/ul	98
48) Acenaphthylene	14.03	152	115553	1.392	ng/ul	95
59) Fluorene	15.36	166	72888	1.083	ng/ul#	95
70) Phenanthrene	17.09	178	1303419	12.630	ng/ul	99
72) Anthracene	17.19	178	346653	3.251	ng/ul	100
75) Carbazole	17.45	167	110452	1.159	ng/ul	94
76) Di-n-butylphthalate	18.04	149	243356	2.147	ng/ul	98
77) Fluoranthene	19.12	202	3111114	25.348	ng/ul	99
80) Pyrene	19.48	202	3653881	31.001	ng/ul	98
81) Butylbenzylphthalate	20.40	149	43764	1.068	ng/ul#	96
83) Benzo(a)anthracene	21.23	228	2169499	17.018	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.19	149	5326475	81.714	ng/ul#	97
85) Chrysene	21.28	228	2401768	20.290	ng/ul	97
87) Di-n-octyl phthalate	22.06	149	305908	2.544	ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	2978906	21.081	ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	2978906	21.955	ng/ul	98
91) Benzo(a)pyrene	23.37	252	2334212	17.218	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.68	276	1485905	9.213	ng/ul	97
93) Dibenzo(a,h)anthracene	25.69	278	438421	3.251	ng/ul#	91
94) Benzo(g,h,i)perylene	26.36	276	1506361	11.344	ng/ul	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

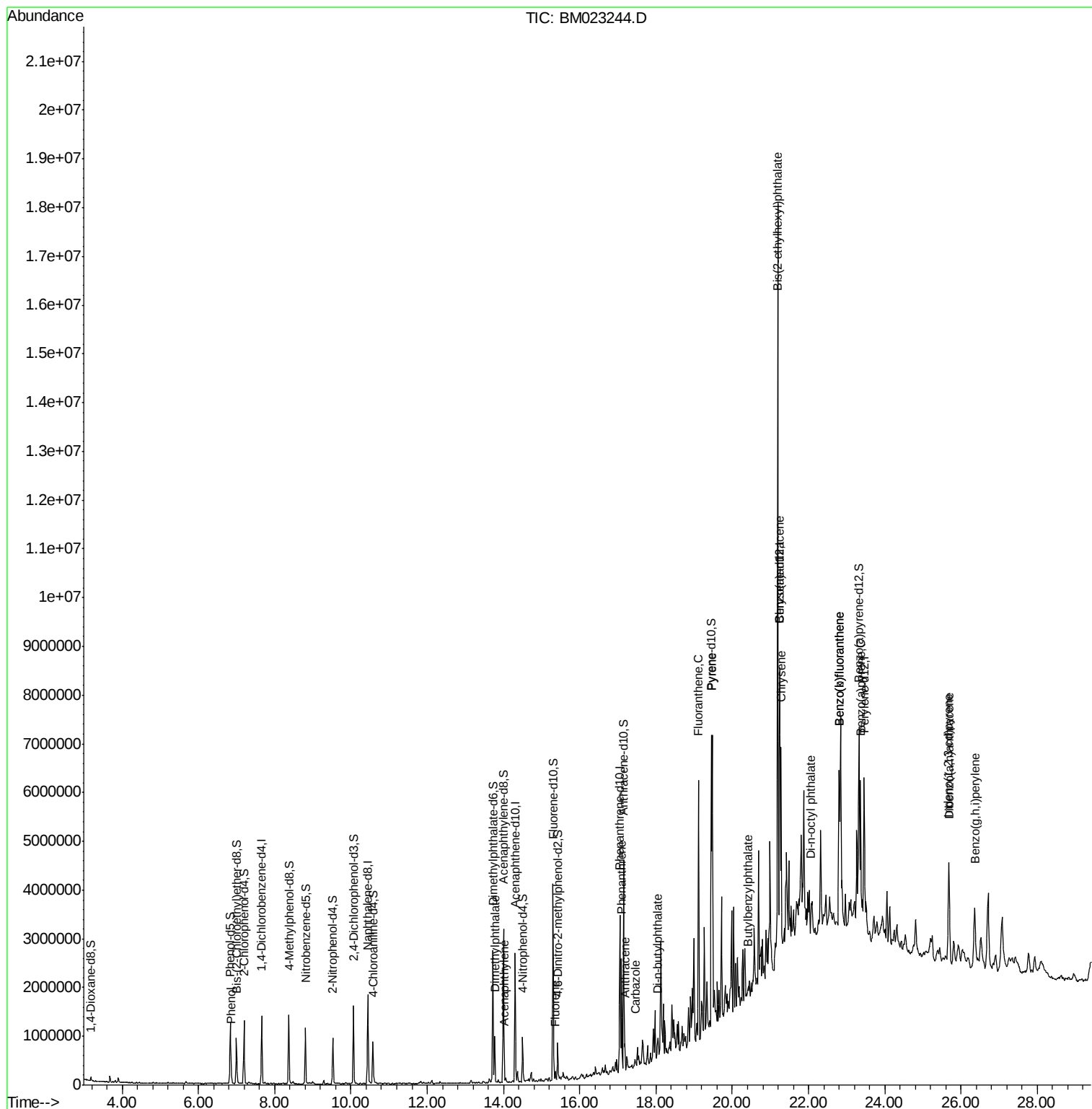
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

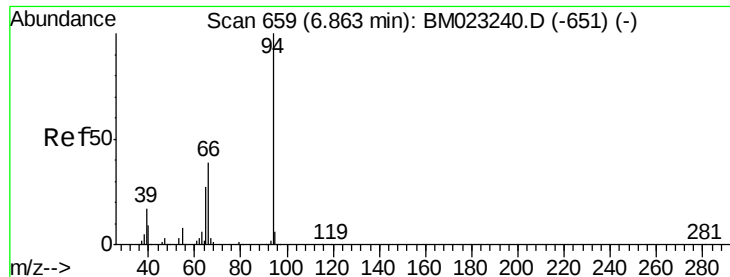
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#6

Phenol

Concen: 3.108 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM023244.D

Acq: 18 Oct 2019 06:28

Instrument :

BNA_M

ClientSampleId :

BEPB5

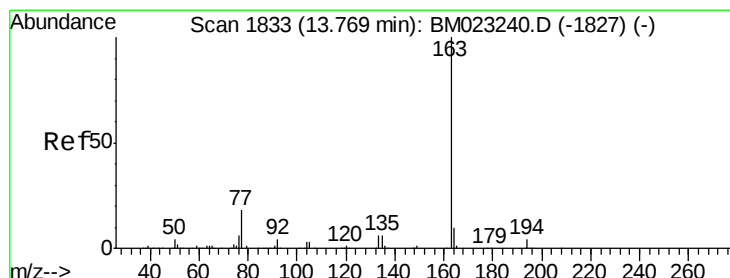
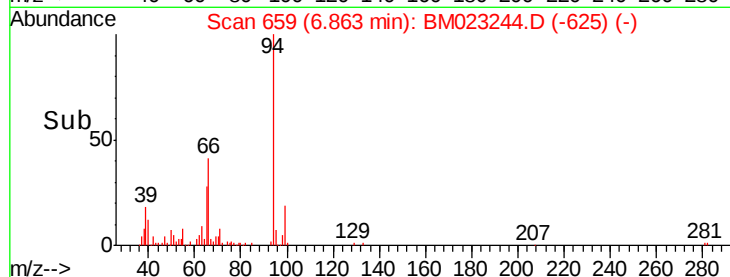
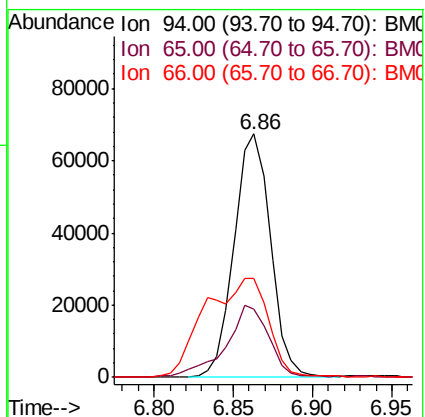
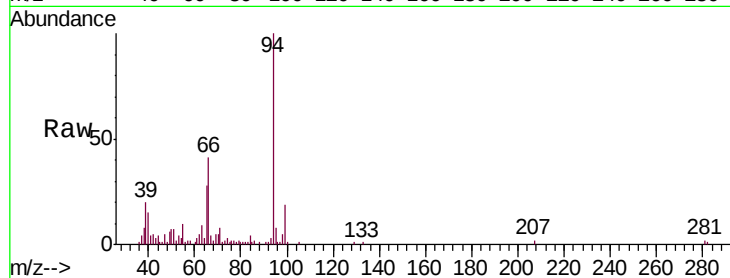
Tgt Ion: 94 Resp: 108090

Ion Ratio Lower Upper

94 100

65 28.3 23.7 35.5

66 40.5 32.9 49.3



#45

Dimethylphthalate

Concen: 8.557 ng/ul

RT: 13.77 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BM023244.D

Acq: 18 Oct 2019 06:28

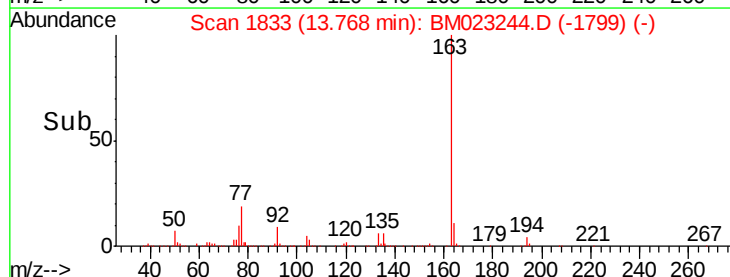
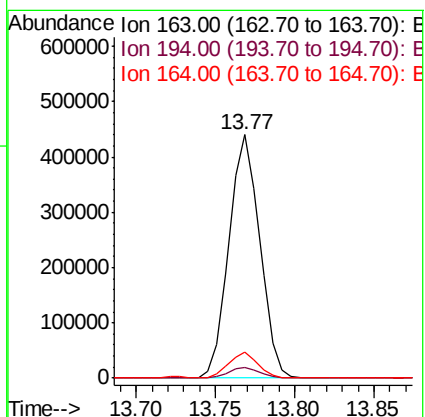
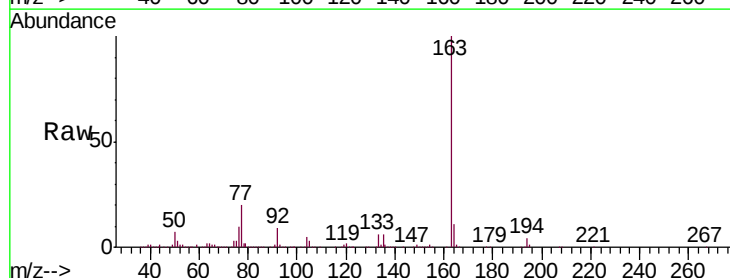
Tgt Ion: 163 Resp: 592836

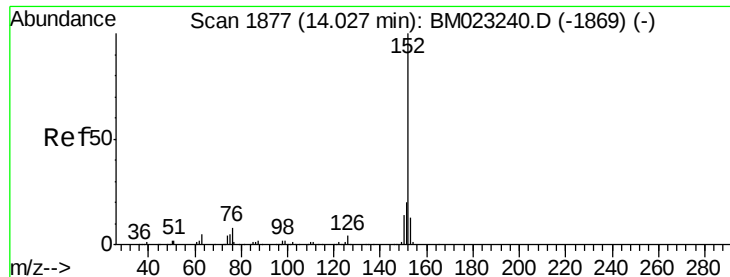
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.9 8.0 12.0





#48

Acenaphthylene

Concen: 1.392 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM023244.D

Acq: 18 Oct 2019 06:28

Instrument :

BNA_M

ClientSampleId :

BEPB5

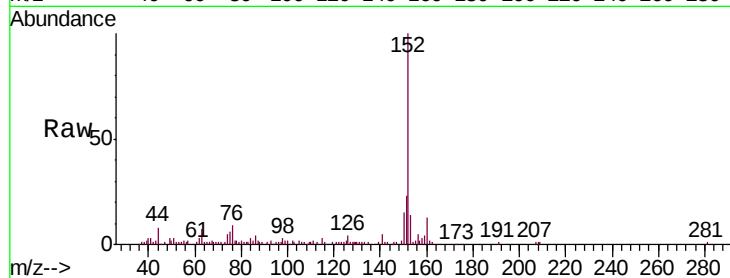
Tgt Ion:152 Resp: 115553

Ion Ratio Lower Upper

152 100

151 22.6 15.8 23.6

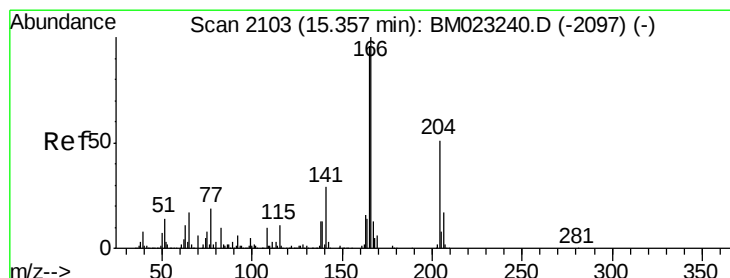
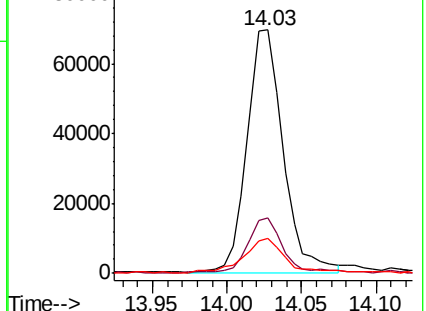
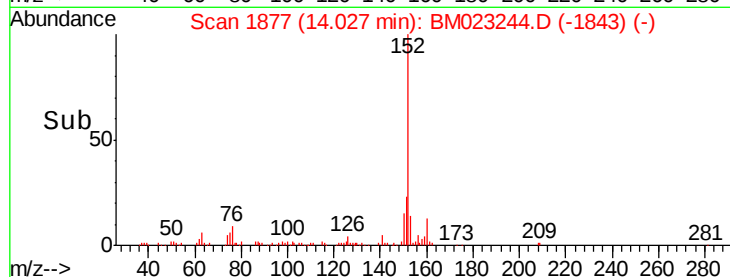
153 14.3 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#59

Fluorene

Concen: 1.083 ng/ul

RT: 15.36 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BM023244.D

Acq: 18 Oct 2019 06:28

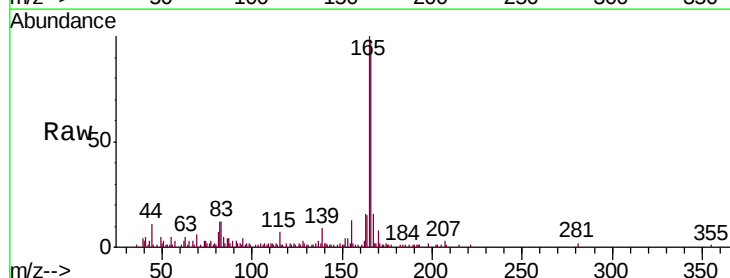
Tgt Ion:166 Resp: 72888

Ion Ratio Lower Upper

166 100

165 101.8 77.4 116.0

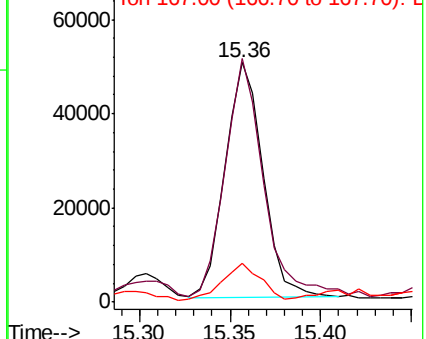
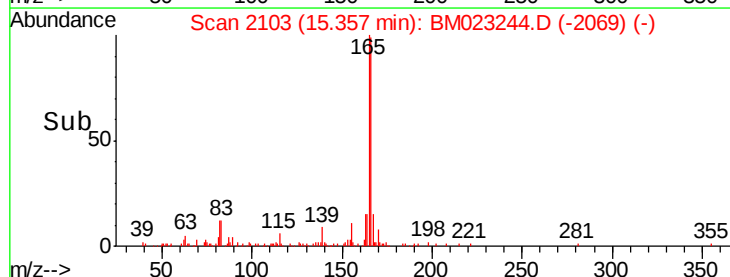
167 16.5 10.8 16.2#

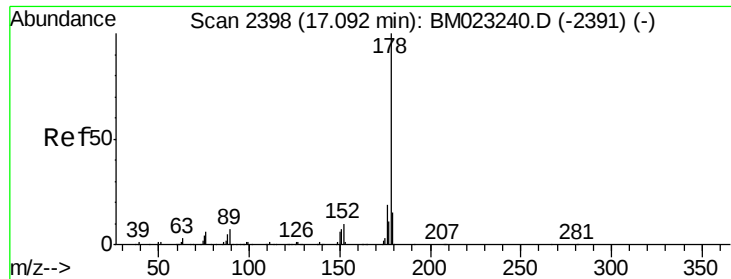


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 12.630 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BM023244.D

Acq: 18 Oct 2019 06:28

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BEPB5

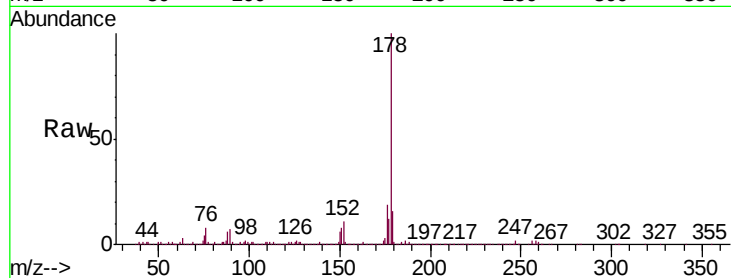
Tgt Ion:178 Resp: 1303419

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

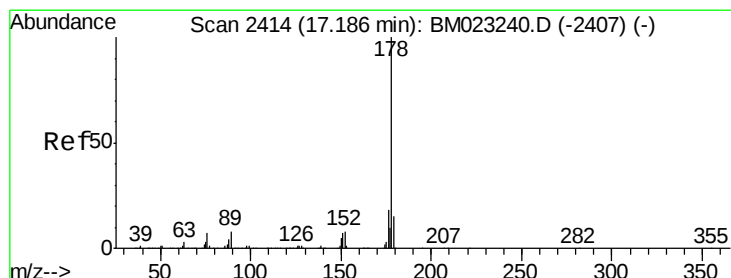
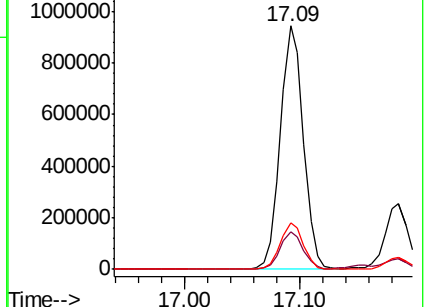
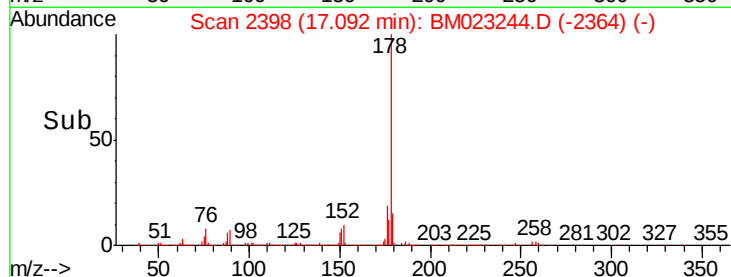
176 18.8 15.5 23.3



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: 3.251 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BM023244.D

Acq: 18 Oct 2019 06:28

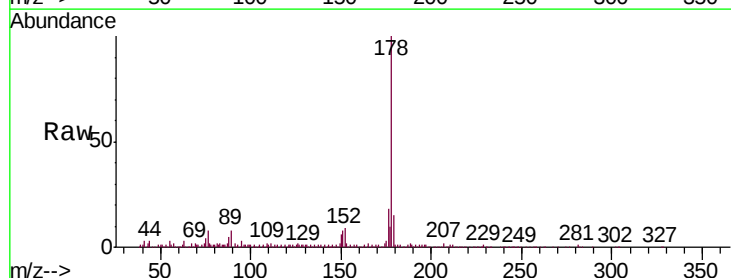
Tgt Ion:178 Resp: 346653

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

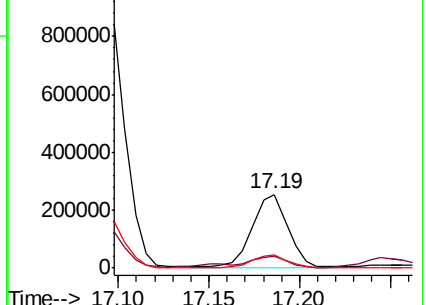
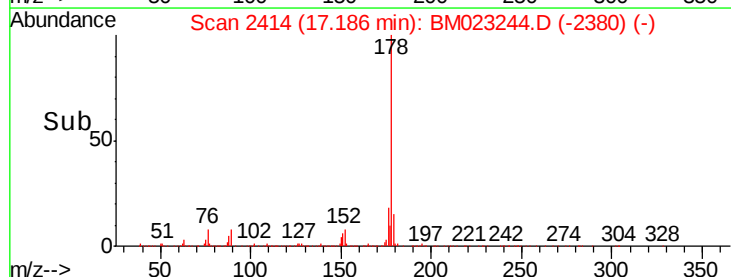
176 18.5 15.0 22.4

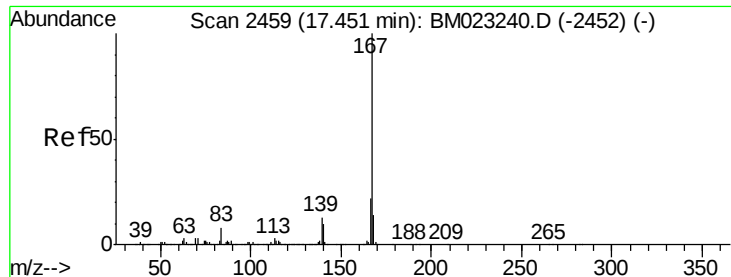


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 1.159 ng/ul

RT: 17.45 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BM023244.D

Acq: 18 Oct 2019 06:28

Instrument :

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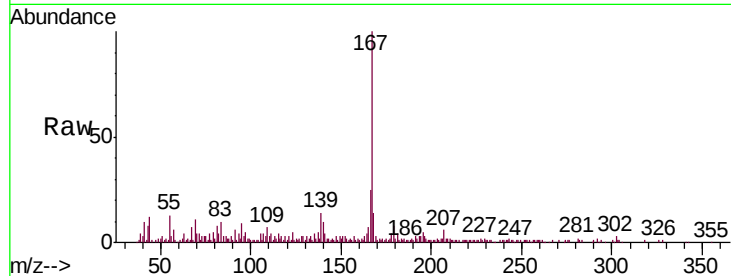
Tgt Ion:167 Resp: 110452

Ion Ratio Lower Upper

167 100

166 25.3 17.4 26.0

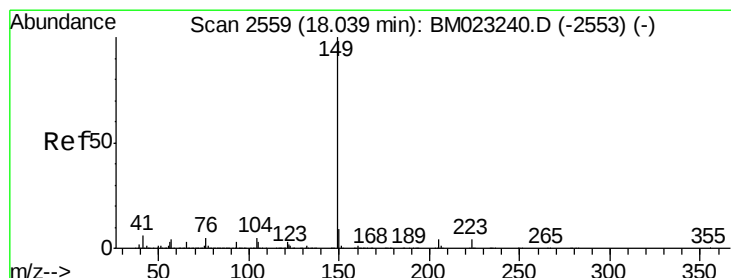
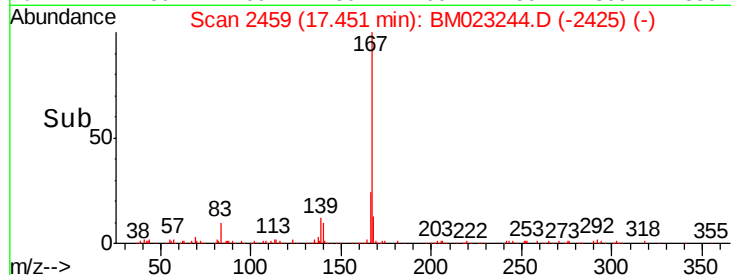
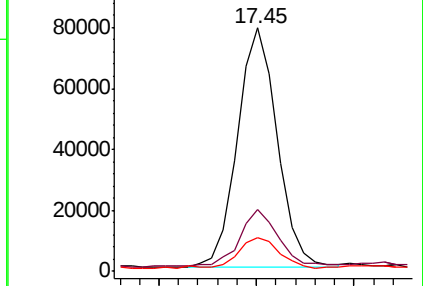
139 13.8 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Di-n-butylphthalate

Concen: 2.147 ng/ul

RT: 18.04 min Scan# 2559

Delta R.T. -0.00 min

Lab File: BM023244.D

Acq: 18 Oct 2019 06:28

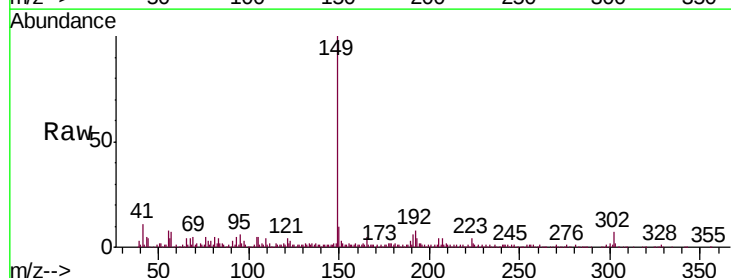
Tgt Ion:149 Resp: 243356

Ion Ratio Lower Upper

149 100

150 9.8 7.0 10.4

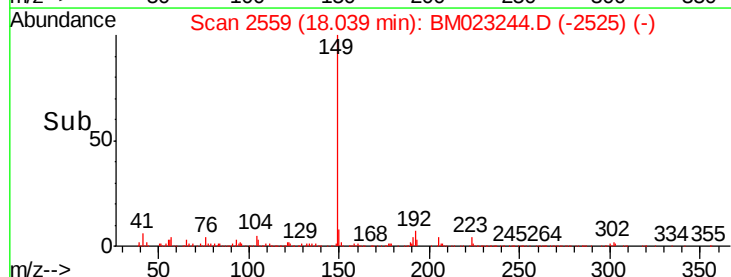
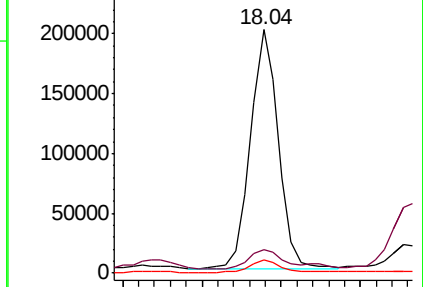
104 5.4 4.0 6.0

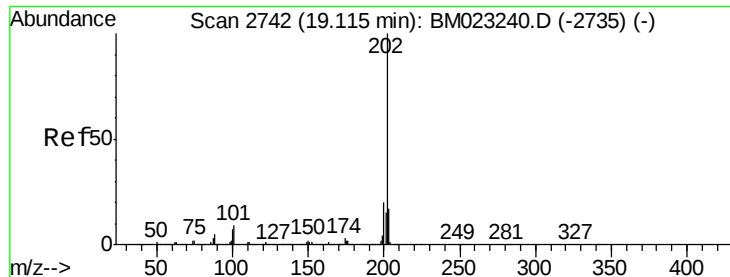


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

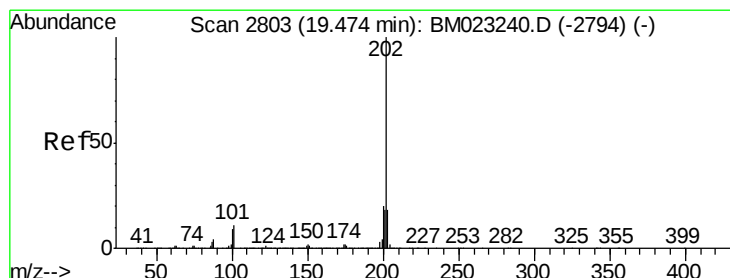
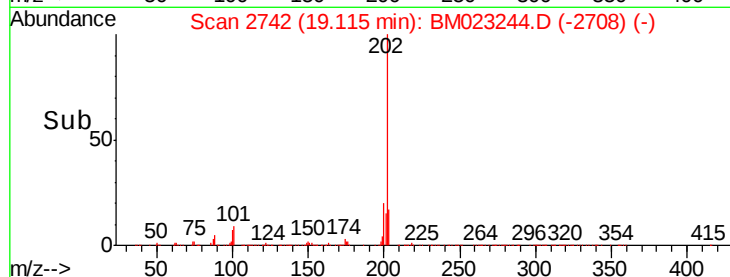
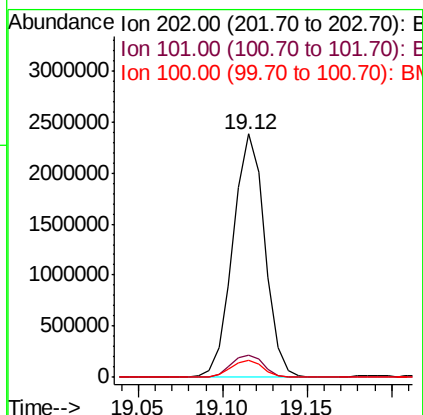
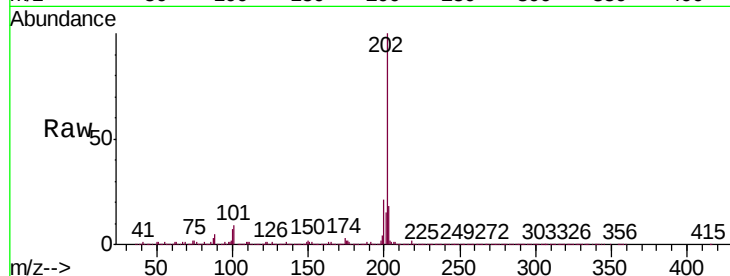




#77
 Fluoranthene
 Concen: 25.348 ng/ul
 RT: 19.12 min Scan# 2742
 Delta R.T. -0.00 min
 Lab File: BM023244.D
 Acq: 18 Oct 2019 06:28

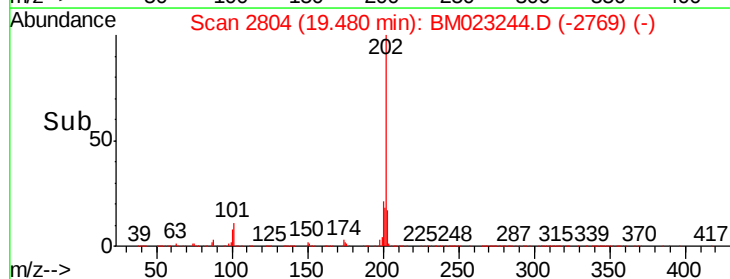
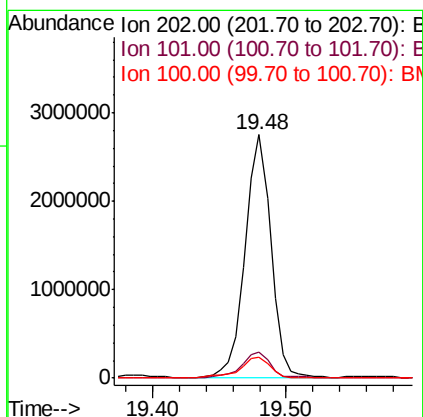
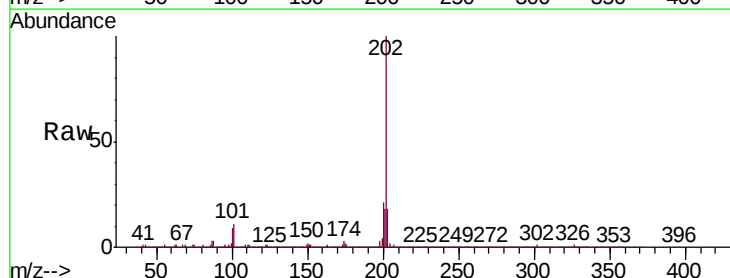
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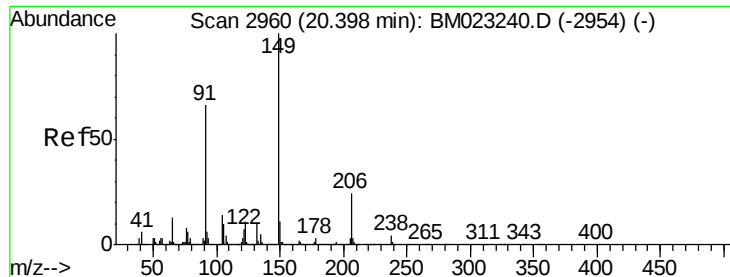
Tgt Ion:202 Resp: 3111114
 Ion Ratio Lower Upper
 202 100
 101 9.4 7.8 11.8
 100 7.3 6.1 9.1



#80
 Pyrene
 Concen: 31.001 ng/ul
 RT: 19.48 min Scan# 2804
 Delta R.T. 0.01 min
 Lab File: BM023244.D
 Acq: 18 Oct 2019 06:28

Tgt Ion:202 Resp: 3653881
 Ion Ratio Lower Upper
 202 100
 101 10.6 9.1 13.7
 100 8.5 7.5 11.3

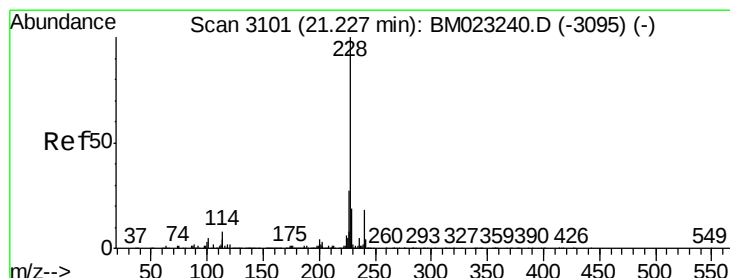
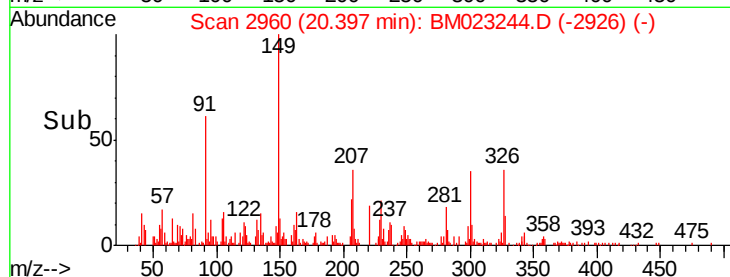
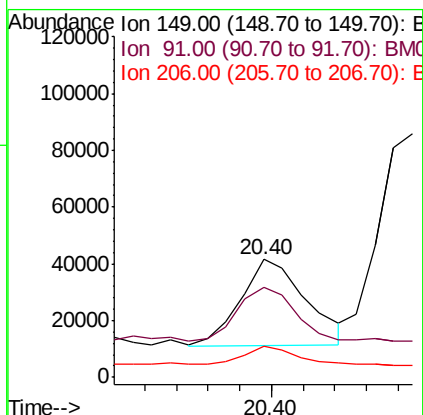
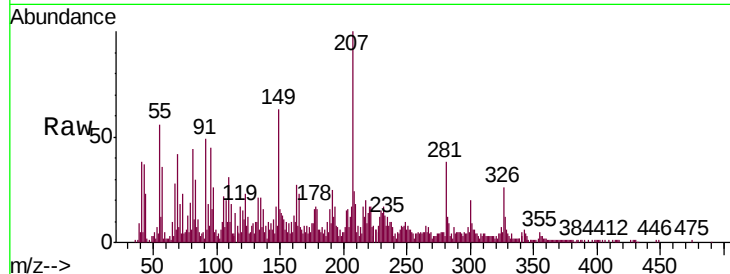




#81
Butylbenzylphthalate
Concen: 1.068 ng/ul
RT: 20.40 min Scan# 2960
Delta R.T. -0.00 min
Lab File: BM023244.D
Acq: 18 Oct 2019 06:28

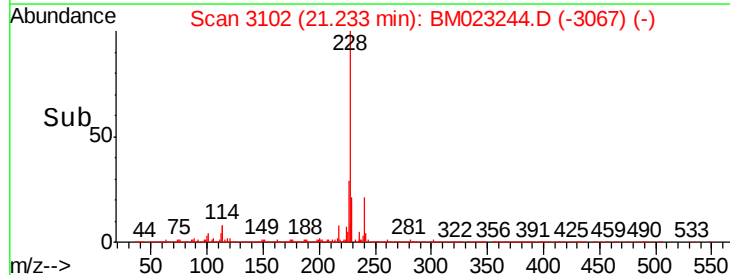
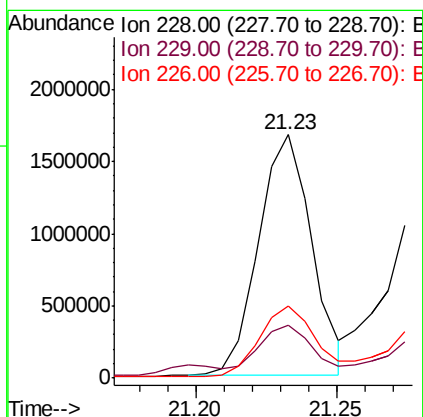
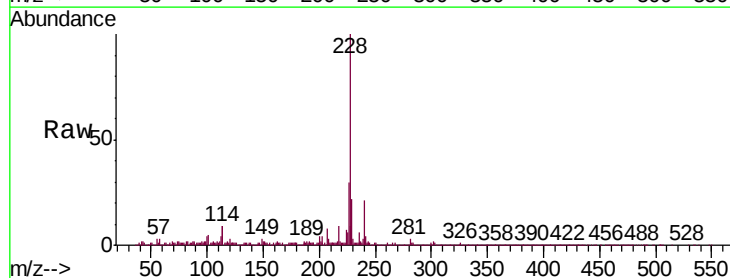
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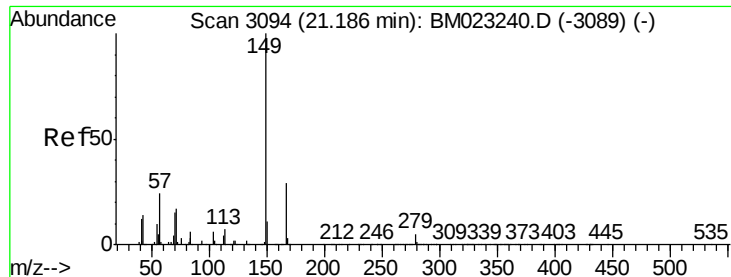
Tgt Ion:149 Resp: 43764
Ion Ratio Lower Upper
149 100
91 76.9 59.9 89.9
206 26.6 17.1 25.7#



#83
Benzo(a)anthracene
Concen: 17.018 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM023244.D
Acq: 18 Oct 2019 06:28

Tgt Ion:228 Resp: 2169499
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 29.6 21.6 32.4

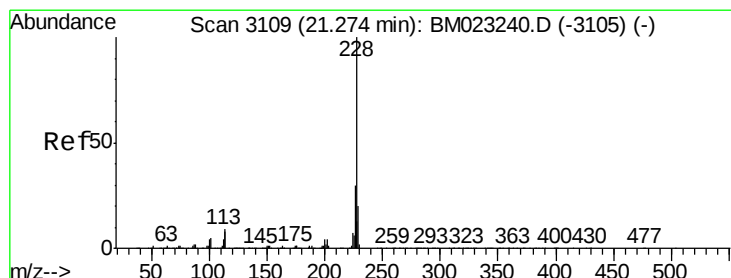
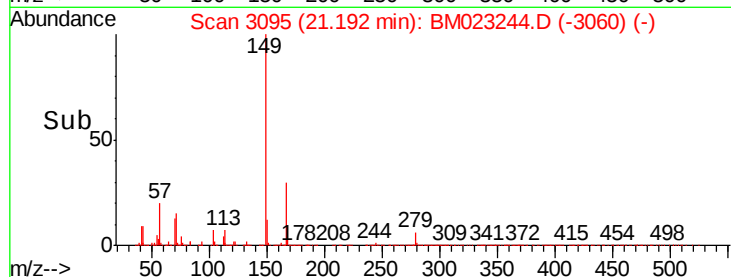
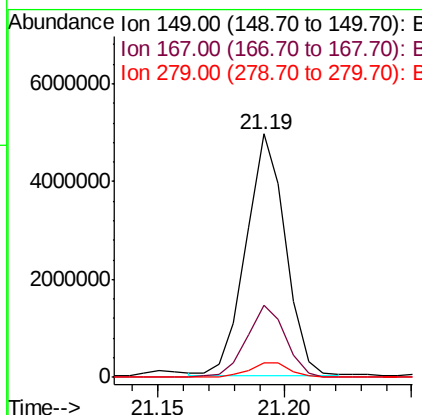
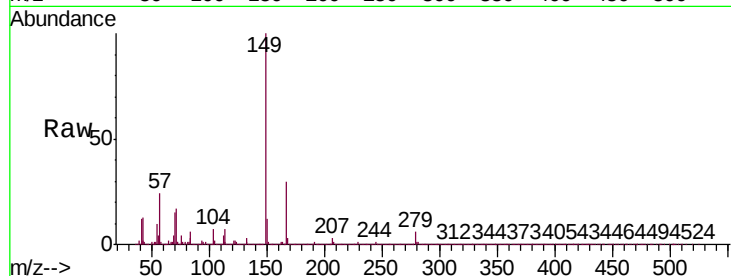




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 81.714 ng/ul
 RT: 21.19 min Scan# 3095
 Delta R.T. 0.01 min
 Lab File: BM023244.D
 Acq: 18 Oct 2019 06:28

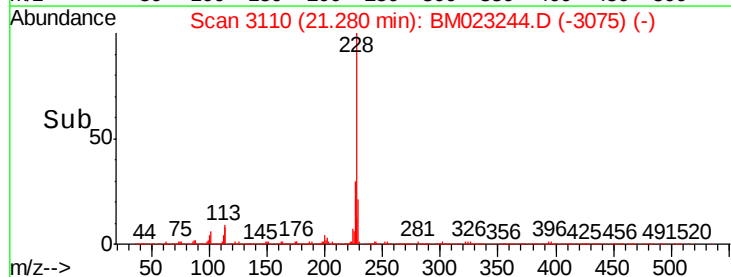
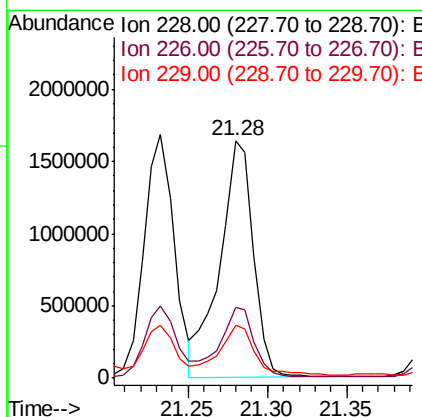
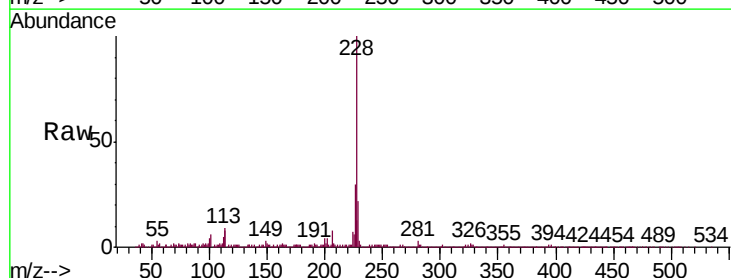
Instrument :
 BNA_M
 ClientSampleId :
 BEPB5

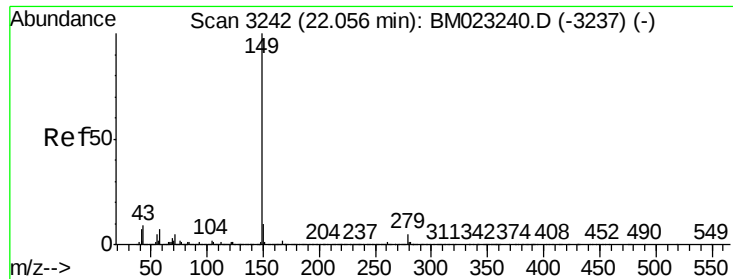
Tgt Ion:149 Resp: 5326475
 Ion Ratio Lower Upper
 149 100
 167 29.8 22.5 33.7
 279 6.1 4.0 6.0#



#85
 Chrysene
 Concen: 20.290 ng/ul
 RT: 21.28 min Scan# 3110
 Delta R.T. 0.01 min
 Lab File: BM023244.D
 Acq: 18 Oct 2019 06:28

Tgt Ion:228 Resp: 2401768
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.8 35.6
 229 22.5 15.5 23.3

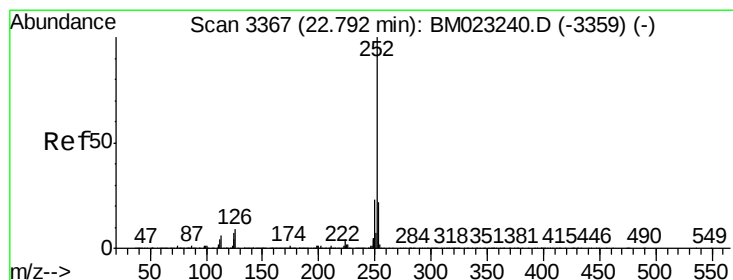
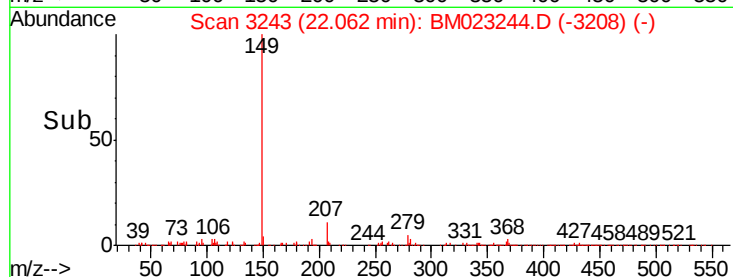
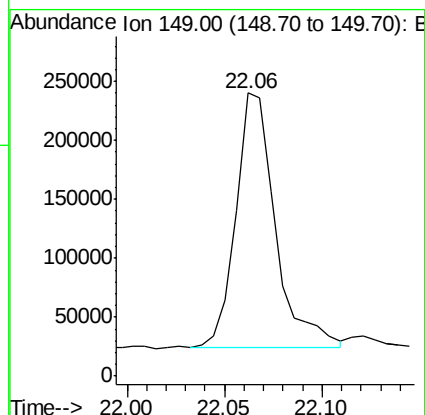
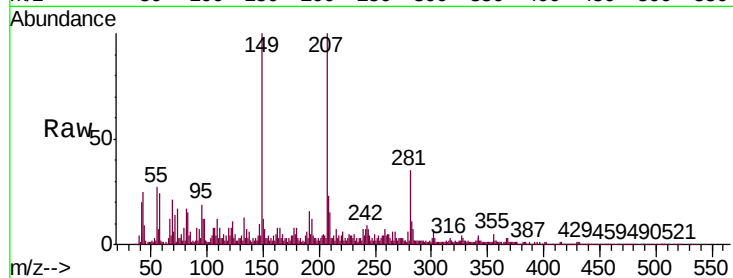




#87
Di-n-octyl phthalate
Concen: 2.544 ng/u1
RT: 22.06 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BM023244.D
Acq: 18 Oct 2019 06:28

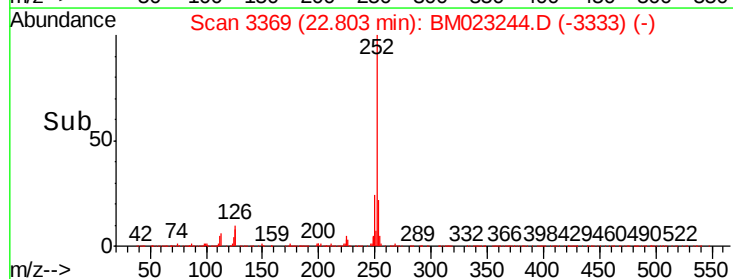
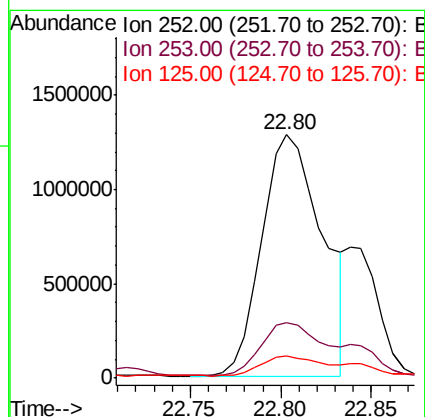
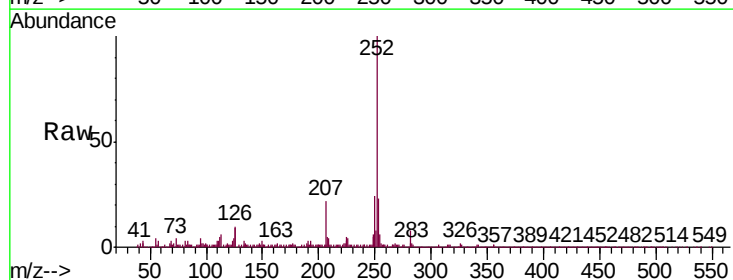
Instrument :
BNA_M
ClientSampleId :
BEPB5

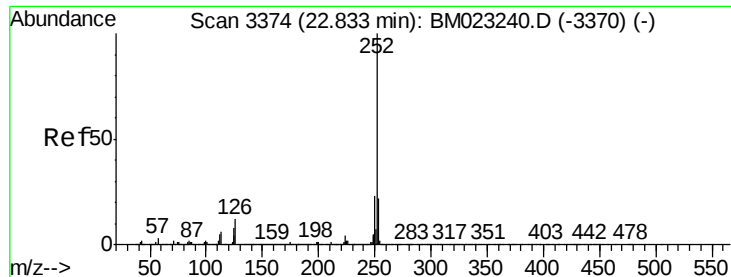
Tgt Ion:149 Resp: 305908



#88
Benzo(b)fluoranthene
Concen: 21.081 ng/u1
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM023244.D
Acq: 18 Oct 2019 06:28

Tgt Ion:252 Resp: 2978906
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 8.9 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 21.955 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. -0.03 min

Lab File: BM023244.D

Acq: 18 Oct 2019 06:28

Instrument :

BNA_M

ClientSampleId :

BEPB5

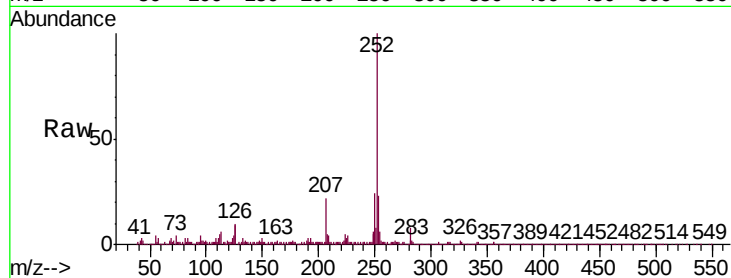
Tgt Ion:252 Resp: 2978906

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

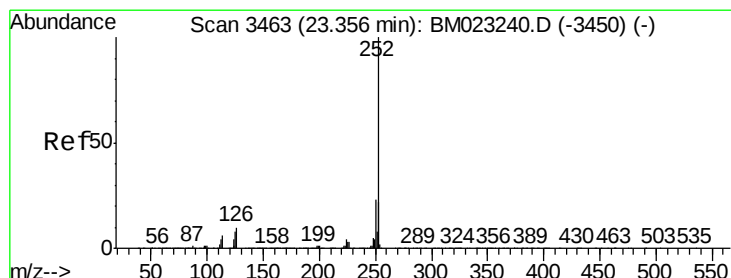
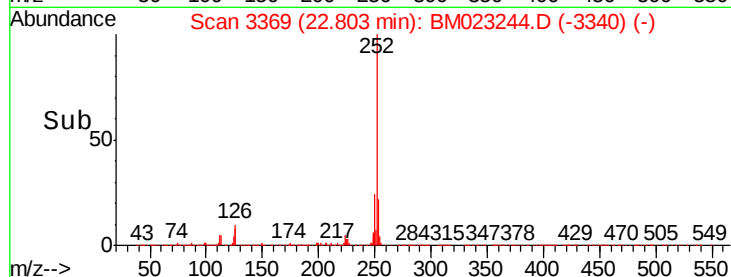
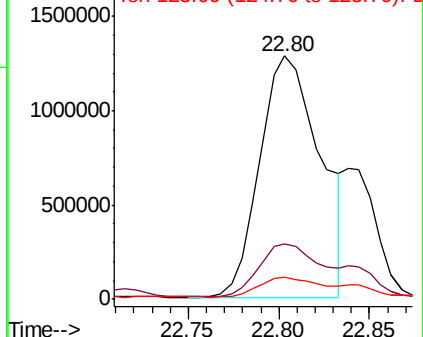
125 8.9 6.5 9.7



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



#91

Benzo(a)pyrene

Concen: 17.218 ng/ul

RT: 23.37 min Scan# 3465

Delta R.T. 0.01 min

Lab File: BM023244.D

Acq: 18 Oct 2019 06:28

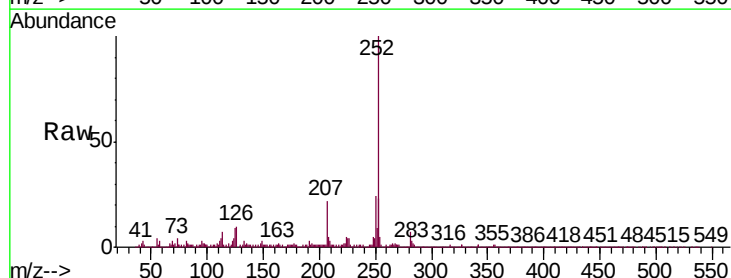
Tgt Ion:252 Resp: 2334212

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

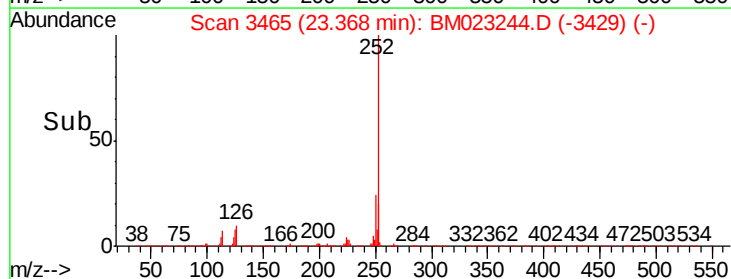
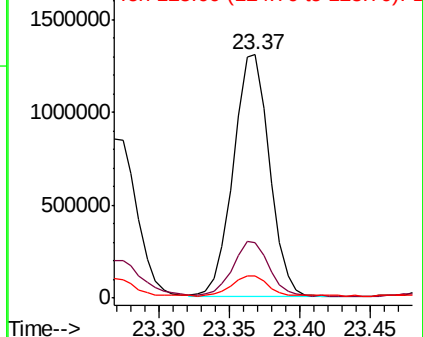
125 8.9 7.4 11.0

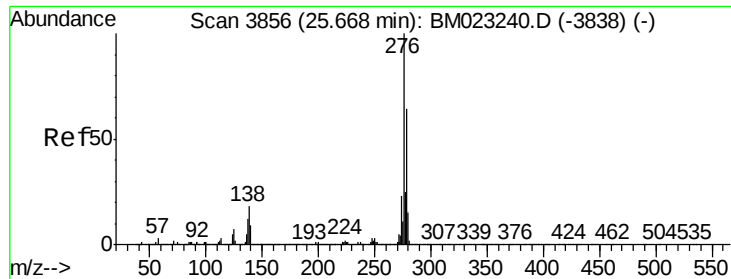


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



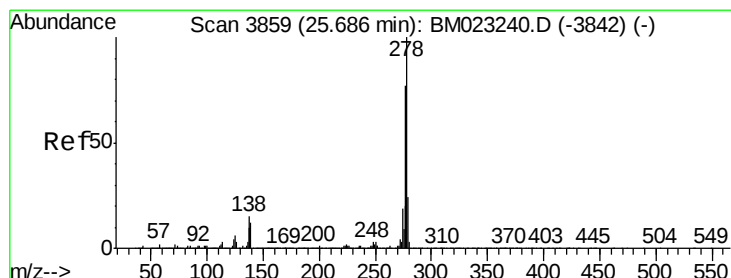
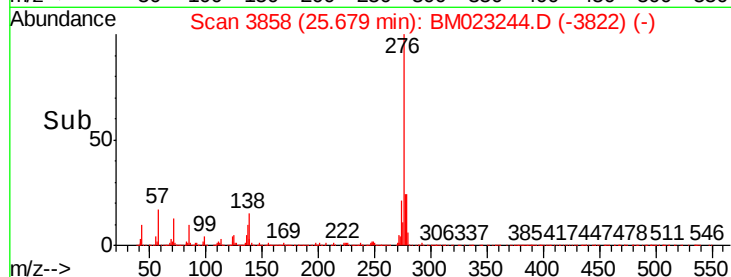
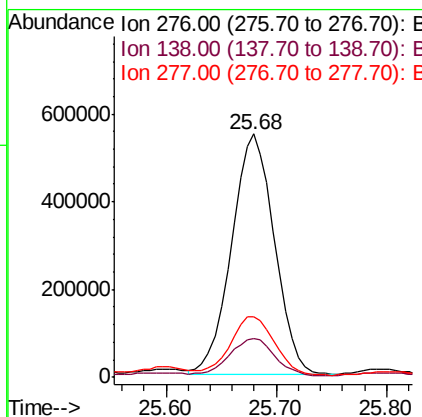
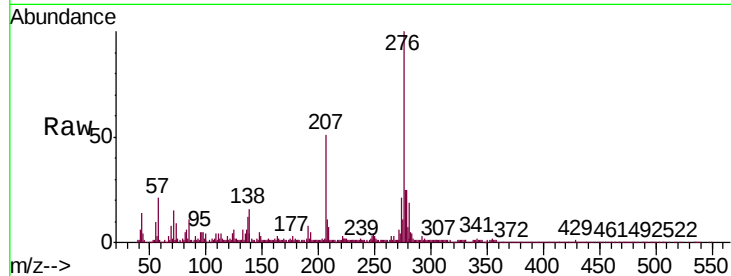


#92

Indeno(1,2,3-cd)pyrene
Concen: 9.213 ng/u1
RT: 25.68 min Scan# 3858
Delta R.T. 0.01 min
Lab File: BM023244.D
Acq: 18 Oct 2019 06:28

Instrument :
BNA_M
ClientSampleId :
BEPB5

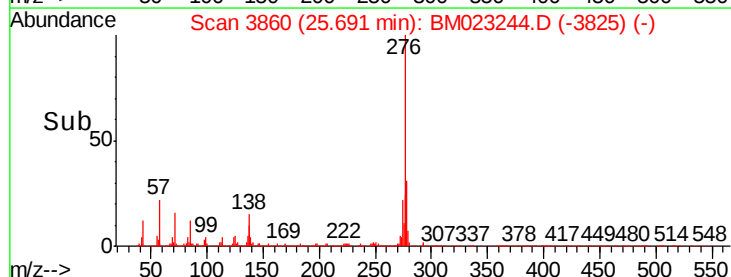
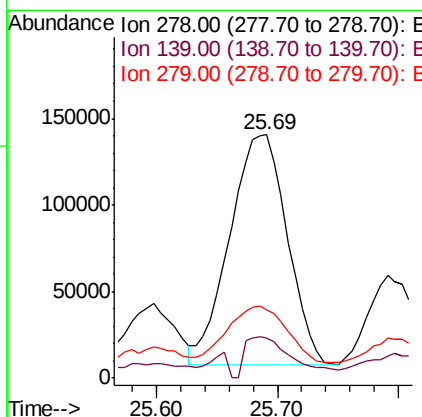
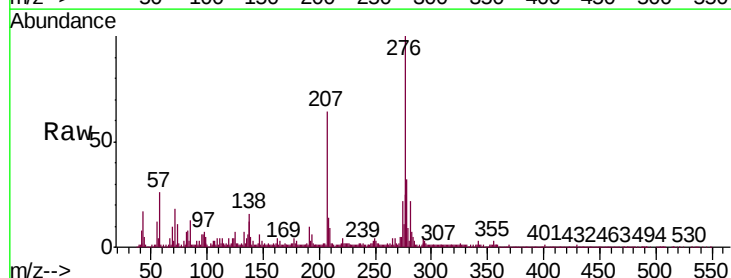
Tgt Ion:276 Resp: 1485905
Ion Ratio Lower Upper
276 100
138 15.7 14.9 22.3
277 24.7 19.8 29.8

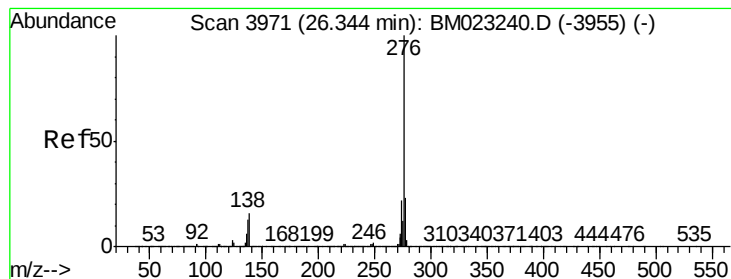


#93

Dibenzo(a,h)anthracene
Concen: 3.251 ng/u1
RT: 25.69 min Scan# 3860
Delta R.T. 0.01 min
Lab File: BM023244.D
Acq: 18 Oct 2019 06:28

Tgt Ion:278 Resp: 438421
Ion Ratio Lower Upper
278 100
139 16.7 10.0 15.0#
279 28.3 19.4 29.0





#94

Benzo(g,h,i)perylene

Concen: 11.344 ng/ul

RT: 26.36 min Scan# 3974

Delta R.T. 0.02 min

Lab File: BM023244.D

Acq: 18 Oct 2019 06:28

Instrument :

BNA_M

ClientSampleId :

BEPB5

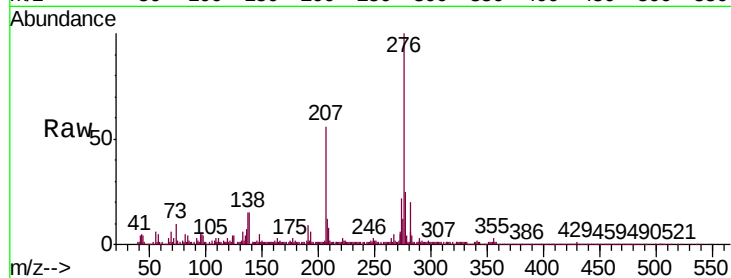
Tgt Ion:276 Resp: 1506361

Ion Ratio Lower Upper

276 100

138 15.5 14.4 21.6

277 24.5 19.4 29.2



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

