

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014963.D
 Acq On : 04 May 2018 03:34
 Operator : SJ/JU
 Sample : J2554-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 04 05:58:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 04 05:51:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	409125	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1667421	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	818028	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1609143	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1534149	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1738179	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	47185	5.04	ng/uL	0.00
5) Phenol-d5	7.62	99	868545	27.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.79	67	595872	29.38	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	733514	27.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	651960	25.85	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	327840	27.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	348134	29.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	620885	25.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	731516	30.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1737342	27.21	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	2077747	26.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	287509	24.26	ng/ul	0.00
57) Fluorene-d10	16.07	176	1467456	26.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	170780	19.61	ng/ul	0.00
70) Anthracene-d10	17.91	188	2199662	29.33	ng/ul	0.00
76) Pyrene-d10	20.15	212	2255750	31.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	2691604	31.52	ng/ul	0.00

Target Compounds

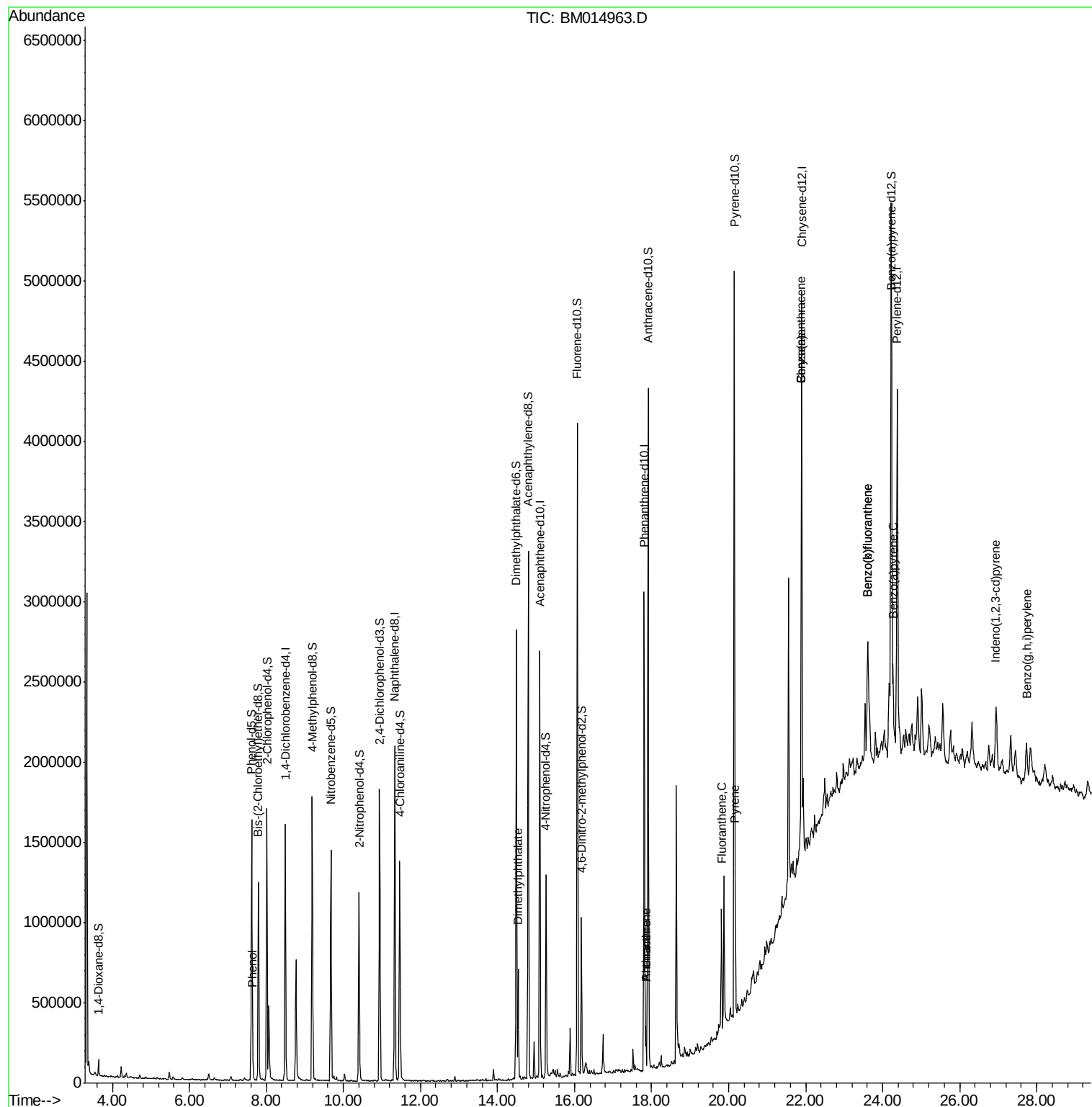
					Ovalue	
6) Phenol	7.65	94	59716	1.919	ng/ul#	82
44) Dimethylphthalate	14.53	163	381460	6.180	ng/ul	99
69) Phenanthrene	17.85	178	142975	1.654	ng/ul	98
71) Anthracene	17.85	178	142975	1.630	ng/ul	98
74) Fluoranthene	19.82	202	441440	4.685	ng/ul#	82
77) Pyrene	20.17	202	421387	4.701	ng/ul#	75
80) Benzo(a)anthracene	21.89	228	251608	2.805	ng/ul	96
82) Chrysene	21.89	228	251608	2.996	ng/ul	96
85) Benzo(b)fluoranthene	23.62	252	451631	4.408	ng/ul#	89
86) Benzo(k)fluoranthene	23.62	252	451631	4.584	ng/ul#	88
88) Benzo(a)pyrene	24.27	252	313361	3.224	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	26.94	276	263630	2.242	ng/ul#	88
91) Benzo(g,h,i)perylene	27.74	276	266265	2.753	ng/ul#	85

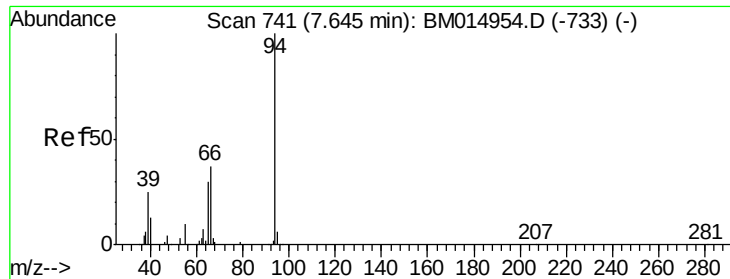
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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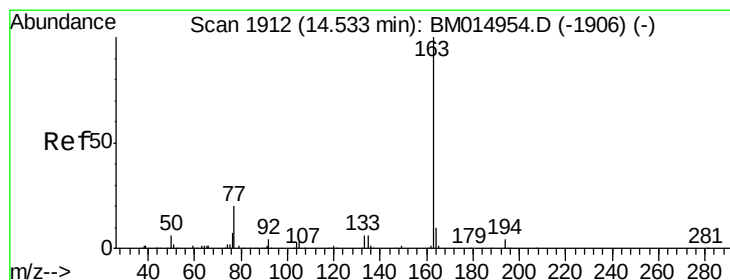
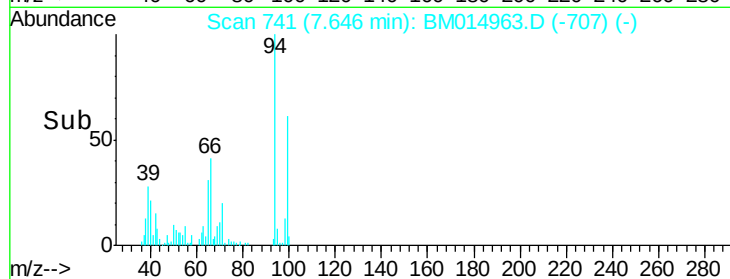
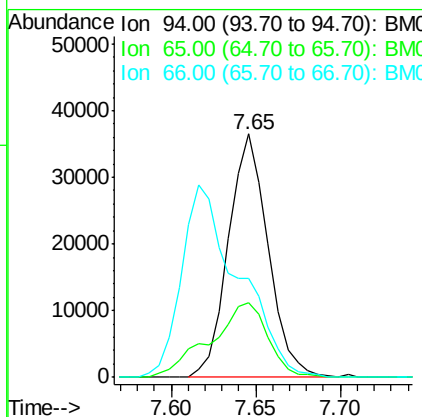
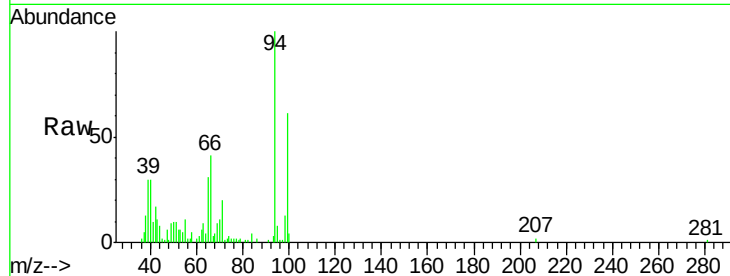
#6

Phenol

Concen: 1.919 ng/ul
 RT: 7.65 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BM014963.D
 Acq: 04 May 2018 03:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 59716
 Ion Ratio Lower Upper
 94 100
 65 30.7 28.2 42.4
 66 40.6 47.2 70.8#

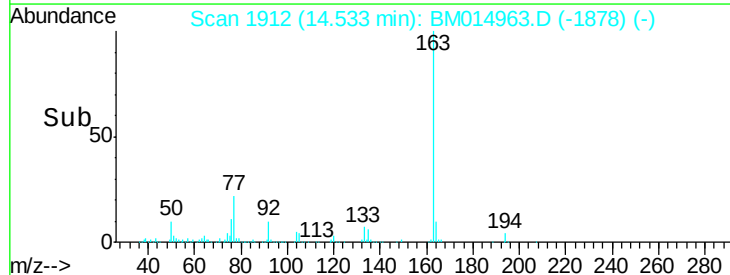
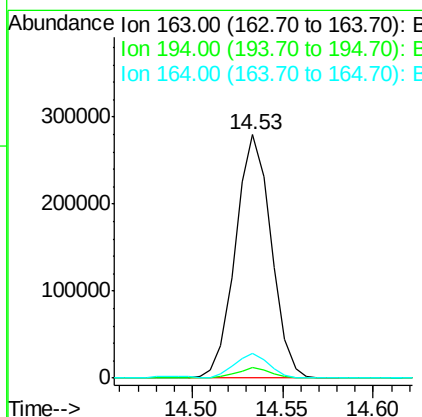
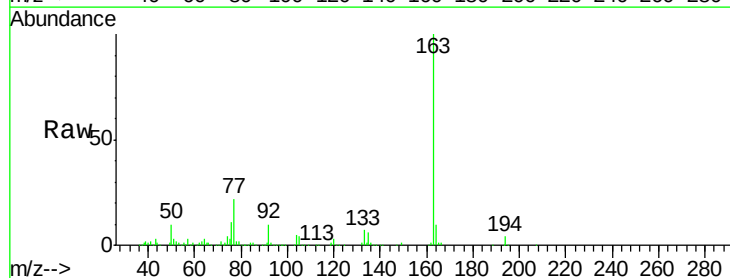


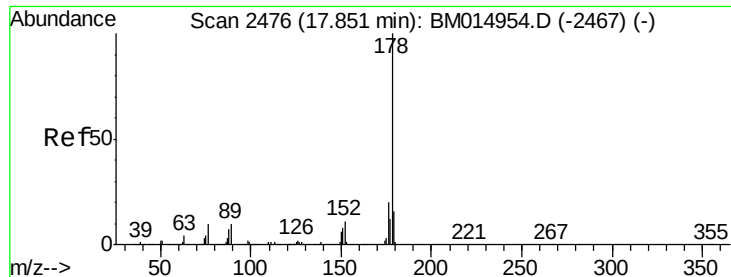
#44

Dimethylphthalate

Concen: 6.180 ng/ul
 RT: 14.53 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: BM014963.D
 Acq: 04 May 2018 03:34

Tgt Ion: 163 Resp: 381460
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.5 5.3
 164 10.0 8.2 12.4





#69

Phenanthrene

Concen: 1.654 ng/ul

RT: 17.85 min Scan# 2476

Delta R.T. 0.00 min

Lab File: BM014963.D

Acq: 04 May 2018 03:34

Instrument :

BNA_M

ClientSampled :

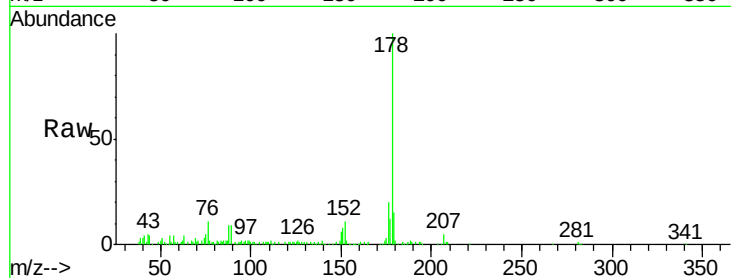
Tot Ion:178 Resp: 142975

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

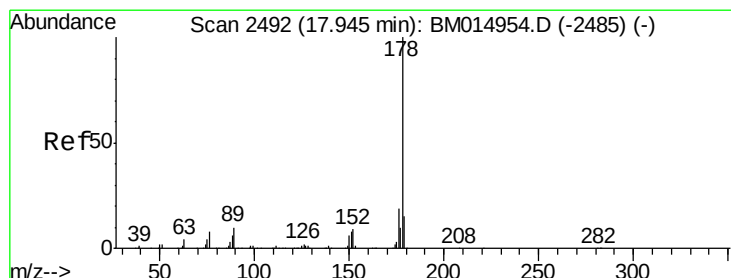
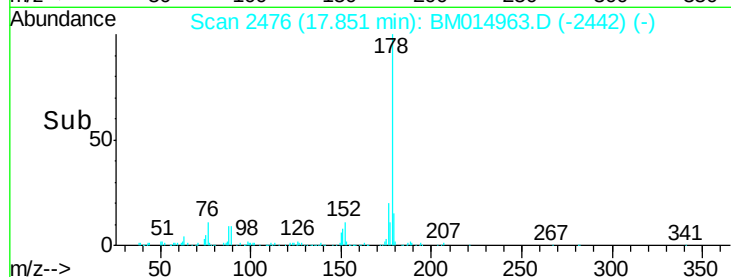
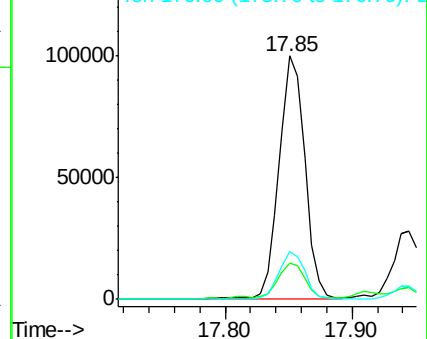
176 19.6 14.9 22.3



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



#71

Anthracene

Concen: 1.630 ng/ul

RT: 17.85 min Scan# 2476

Delta R.T. -0.09 min

Lab File: BM014963.D

Acq: 04 May 2018 03:34

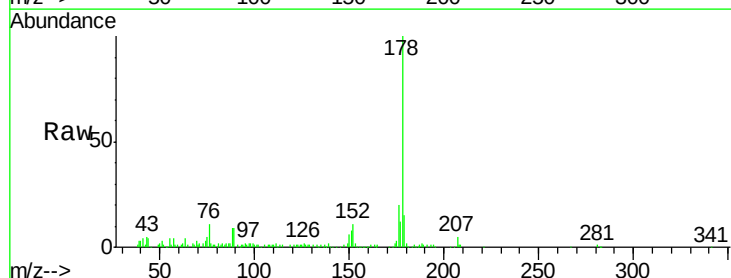
Tgt Ion:178 Resp: 142975

Ion Ratio Lower Upper

178 100

179 15.1 11.7 17.5

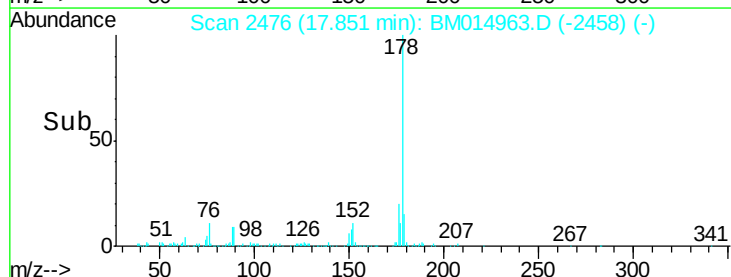
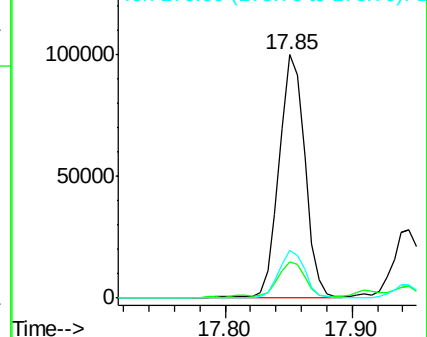
176 19.6 14.6 21.8

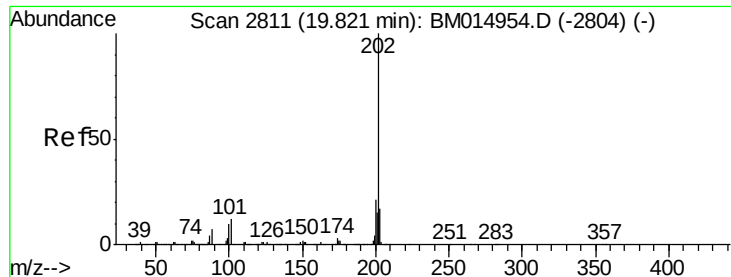


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

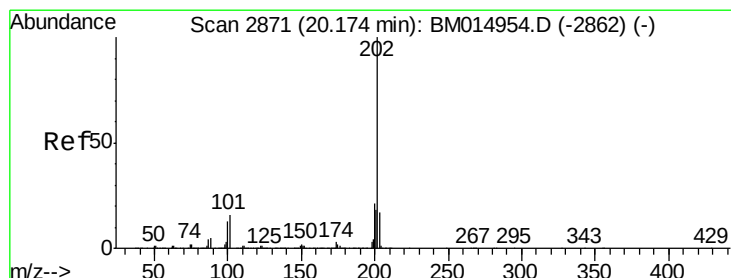
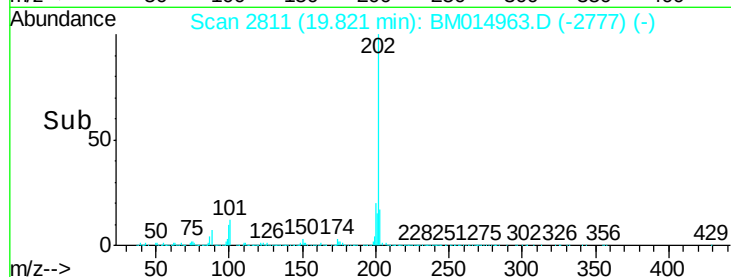
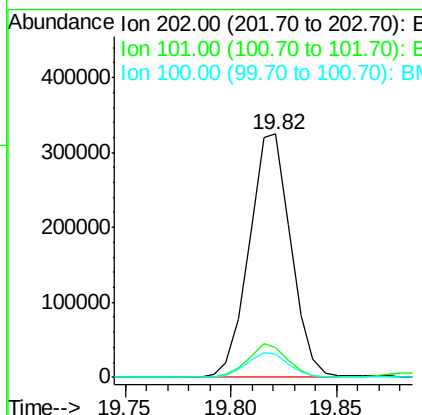
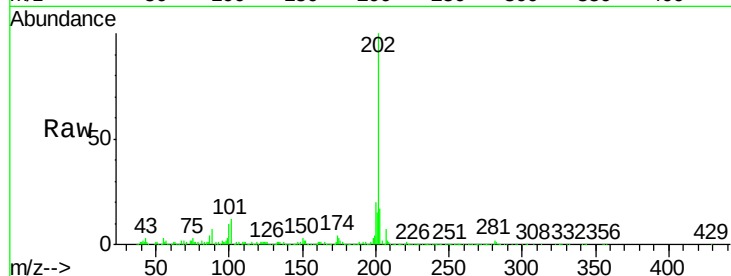




#74
Fluoranthene
Concen: 4.685 ng/ul
RT: 19.82 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BM014963.D
Acq: 04 May 2018 03:34

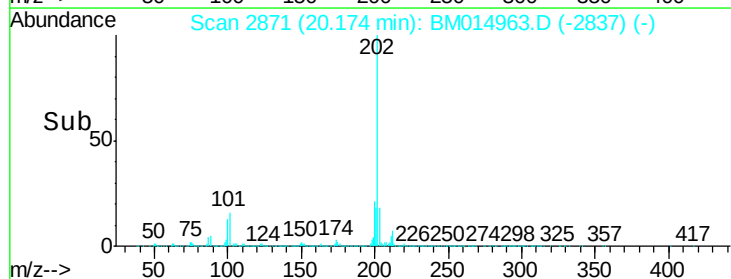
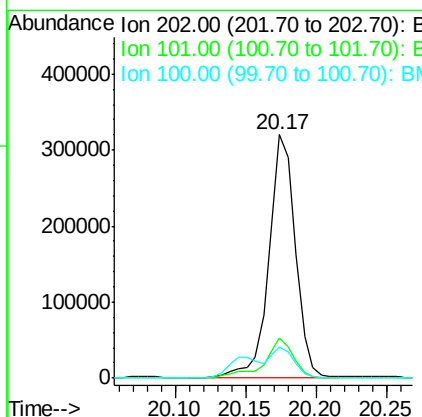
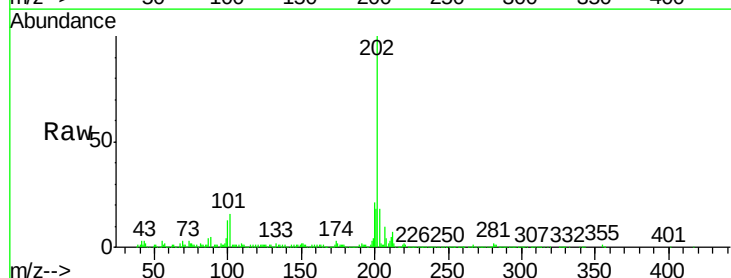
Instrument :
BNA_M
ClientSampleId :

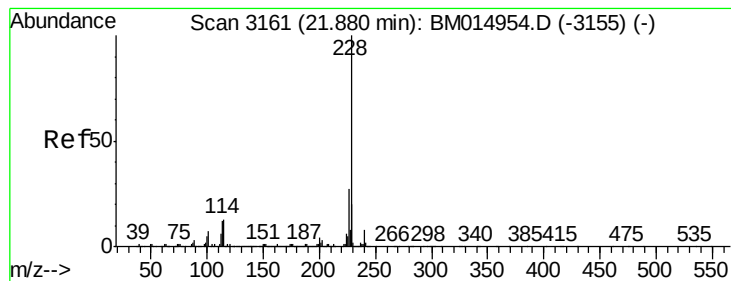
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	4.6	7.0#
100	9.8	3.4	5.2#



#77
Pyrene
Concen: 4.701 ng/ul
RT: 20.17 min Scan# 2871
Delta R.T. 0.00 min
Lab File: BM014963.D
Acq: 04 May 2018 03:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.2	5.1	7.7#
100	12.9	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 2.805 ng/ul

RT: 21.89 min Scan# 3162

Delta R.T. 0.01 min

Lab File: BM014963.D

Acq: 04 May 2018 03:34

Instrument :

BNA_M

ClientSampleId :

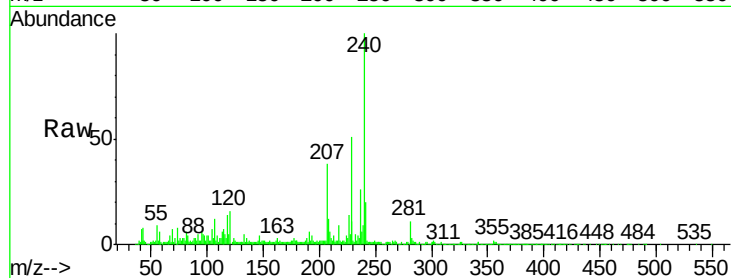
Tot Ion:228 Resp: 251608

Ion Ratio Lower Upper

228 100

229 22.2 15.4 23.0

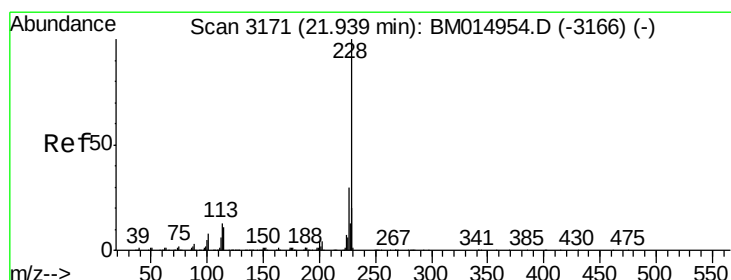
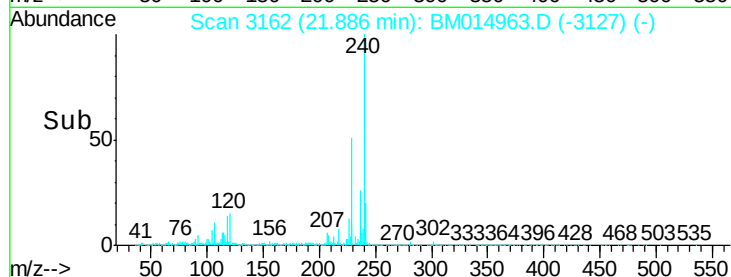
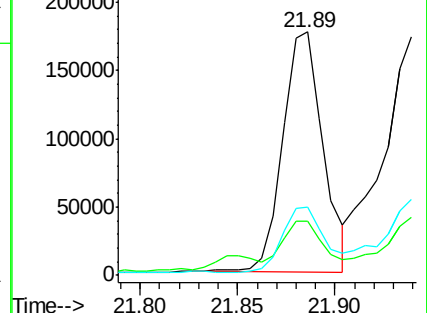
226 27.8 21.4 32.0



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: 2.996 ng/ul

RT: 21.89 min Scan# 3162

Delta R.T. -0.05 min

Lab File: BM014963.D

Acq: 04 May 2018 03:34

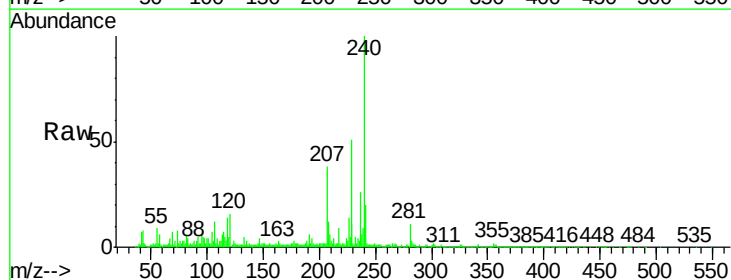
Tgt Ion:228 Resp: 251608

Ion Ratio Lower Upper

228 100

226 27.8 23.4 35.2

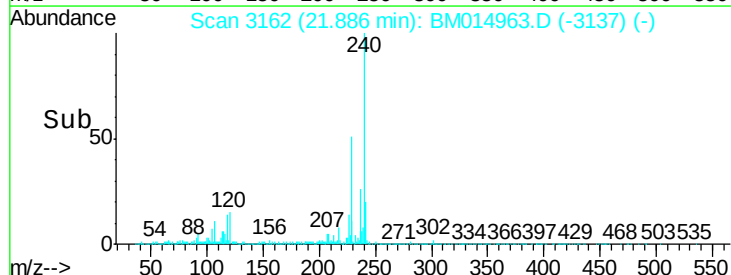
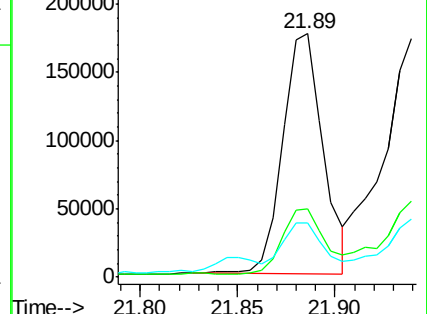
229 22.2 15.5 23.3

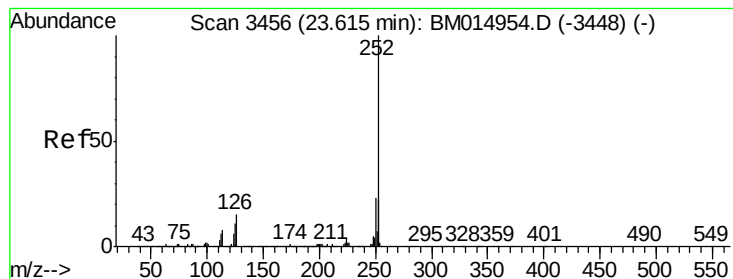


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 4.408 ng/ul

RT: 23.62 min Scan# 3457

Delta R.T. 0.01 min

Lab File: BM014963.D

Acq: 04 May 2018 03:34

Instrument :

BNA_M

ClientSampled :

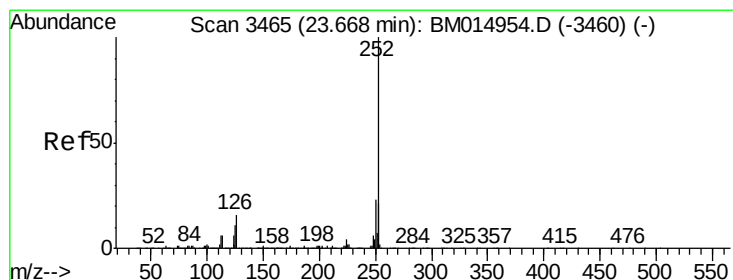
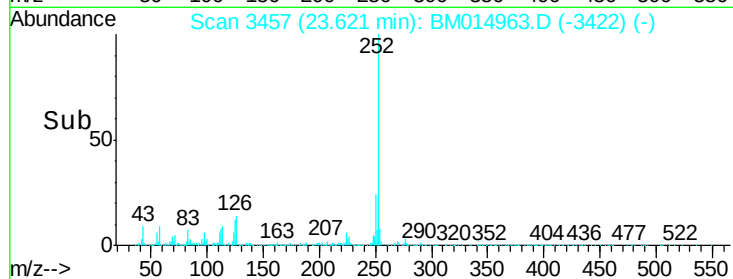
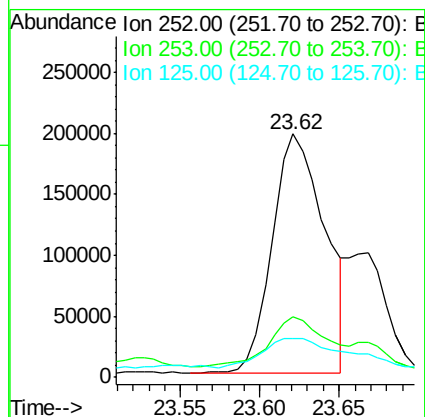
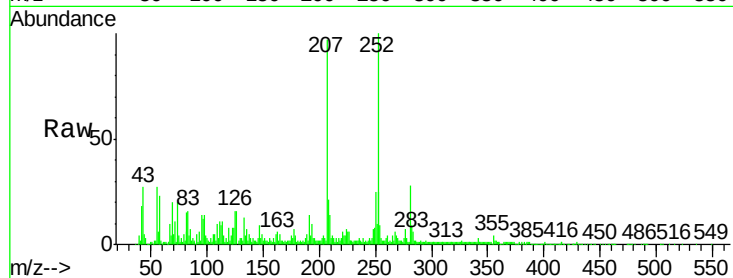
Tot Ion:252 Resp: 451631

Ion Ratio Lower Upper

252 100

253 25.1 17.9 26.9

125 16.0 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 4.584 ng/ul

RT: 23.62 min Scan# 3457

Delta R.T. -0.05 min

Lab File: BM014963.D

Acq: 04 May 2018 03:34

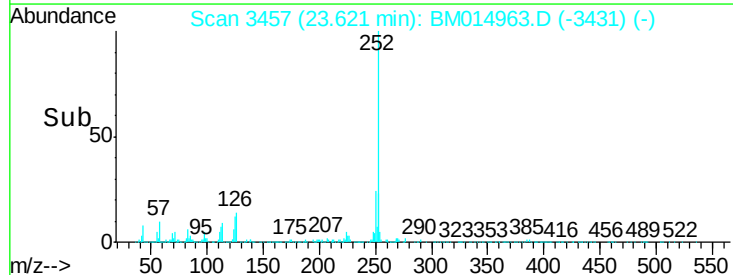
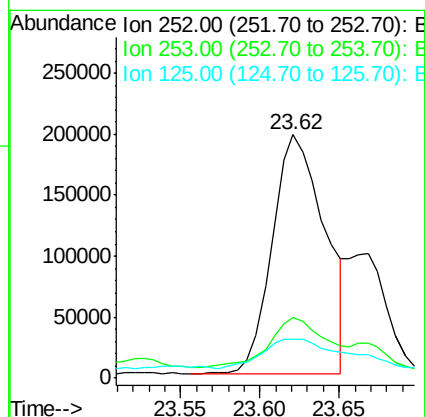
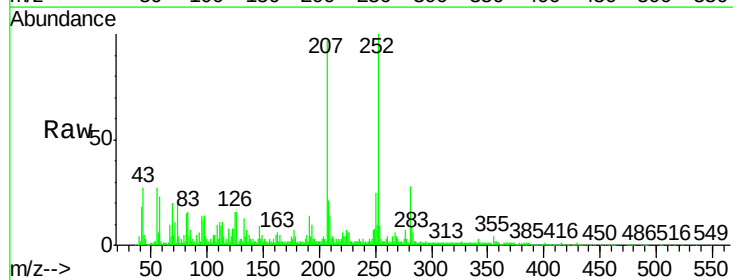
Tgt Ion:252 Resp: 451631

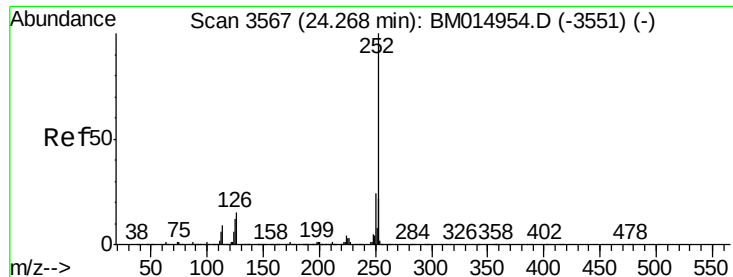
Ion Ratio Lower Upper

252 100

253 25.1 17.1 25.7

125 16.0 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 3.224 ng/ul

RT: 24.27 min Scan# 3568

Delta R.T. 0.01 min

Lab File: BM014963.D

Acq: 04 May 2018 03:34

Instrument :

BNA_M

ClientSampleId :

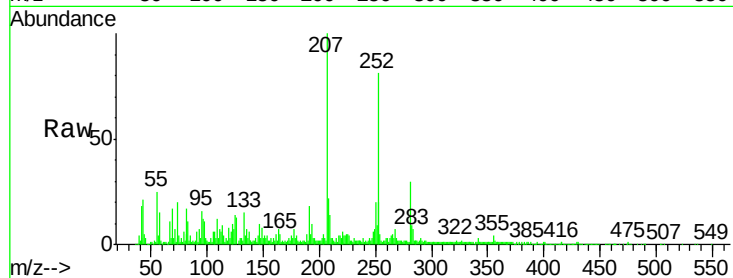
Tot Ion:252 Resp: 313361

Ion Ratio Lower Upper

252 100

253 24.9 18.2 27.2

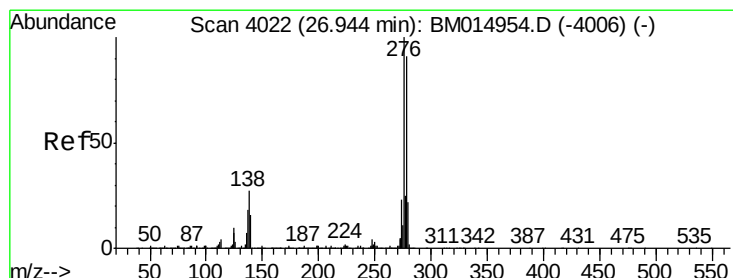
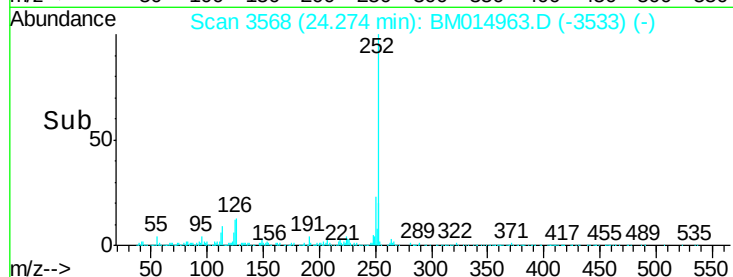
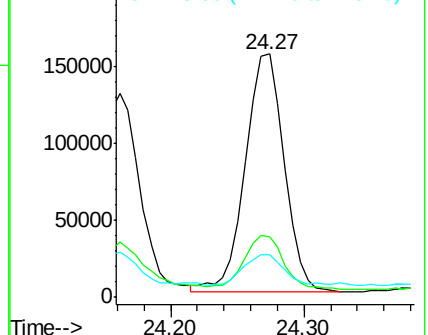
125 17.4 4.0 6.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.242 ng/ul

RT: 26.94 min Scan# 4022

Delta R.T. 0.00 min

Lab File: BM014963.D

Acq: 04 May 2018 03:34

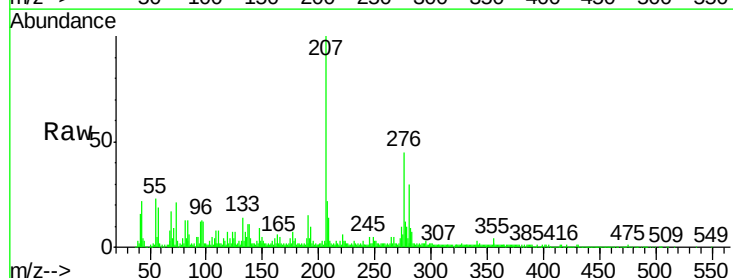
Tgt Ion:276 Resp: 263630

Ion Ratio Lower Upper

276 100

138 23.9 9.3 13.9#

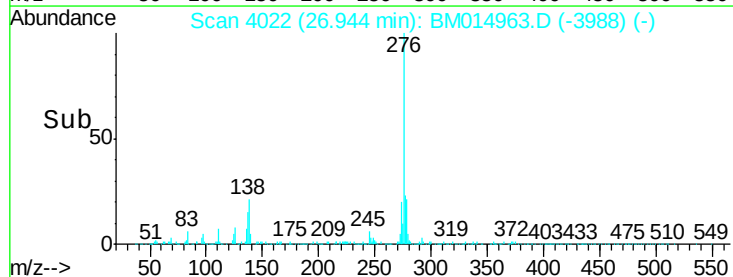
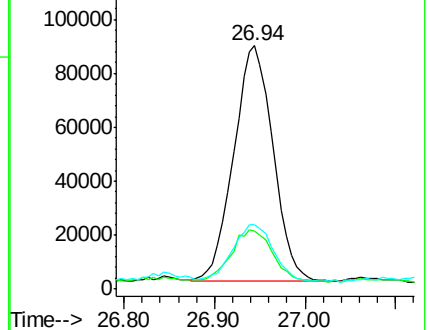
277 26.4 19.9 29.9

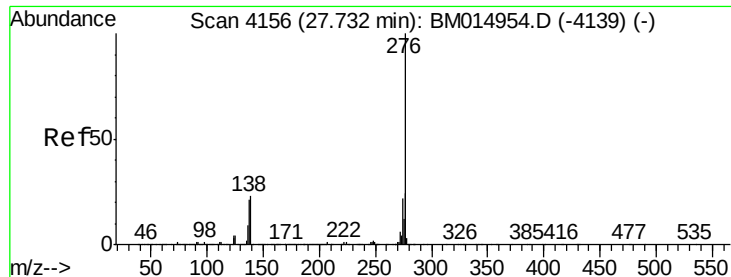


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.753 ng/ul

RT: 27.74 min Scan# 4158

Delta R.T. 0.01 min

Lab File: BM014963.D

Acq: 04 May 2018 03:34

Instrument :

BNA_M

ClientSampleId :

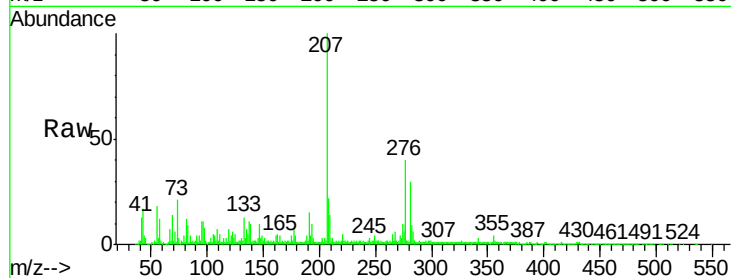
Tot Ion:276 Resp: 266265

Ion Ratio Lower Upper

276 100

138 24.2 8.5 12.7#

277 26.2 18.6 28.0



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

