

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020772.D
 Acq On : 06 Jun 2019 20:23
 Operator : HP/JU
 Sample : K3016-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 05:49:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 07 05:12:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	263657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1078404	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	602530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1333607	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1229307	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1378298	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	23677	4.28	ng/uL	0.00
5) Phenol-d5	6.97	99	417963	20.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	270393	22.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	355642	22.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	260120	16.03	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	166694	22.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	169410	22.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	336897	21.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	274017	14.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1064938	23.89	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1299386	22.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	124494	16.28	ng/ul	0.00
57) Fluorene-d10	15.44	176	910967	24.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	99158	14.54	ng/ul	0.00
70) Anthracene-d10	17.29	188	1296181	22.25	ng/ul	0.00
78) Pyrene-d10	19.59	212	1464653	24.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1413996	22.57	ng/ul	0.00

Target Compounds

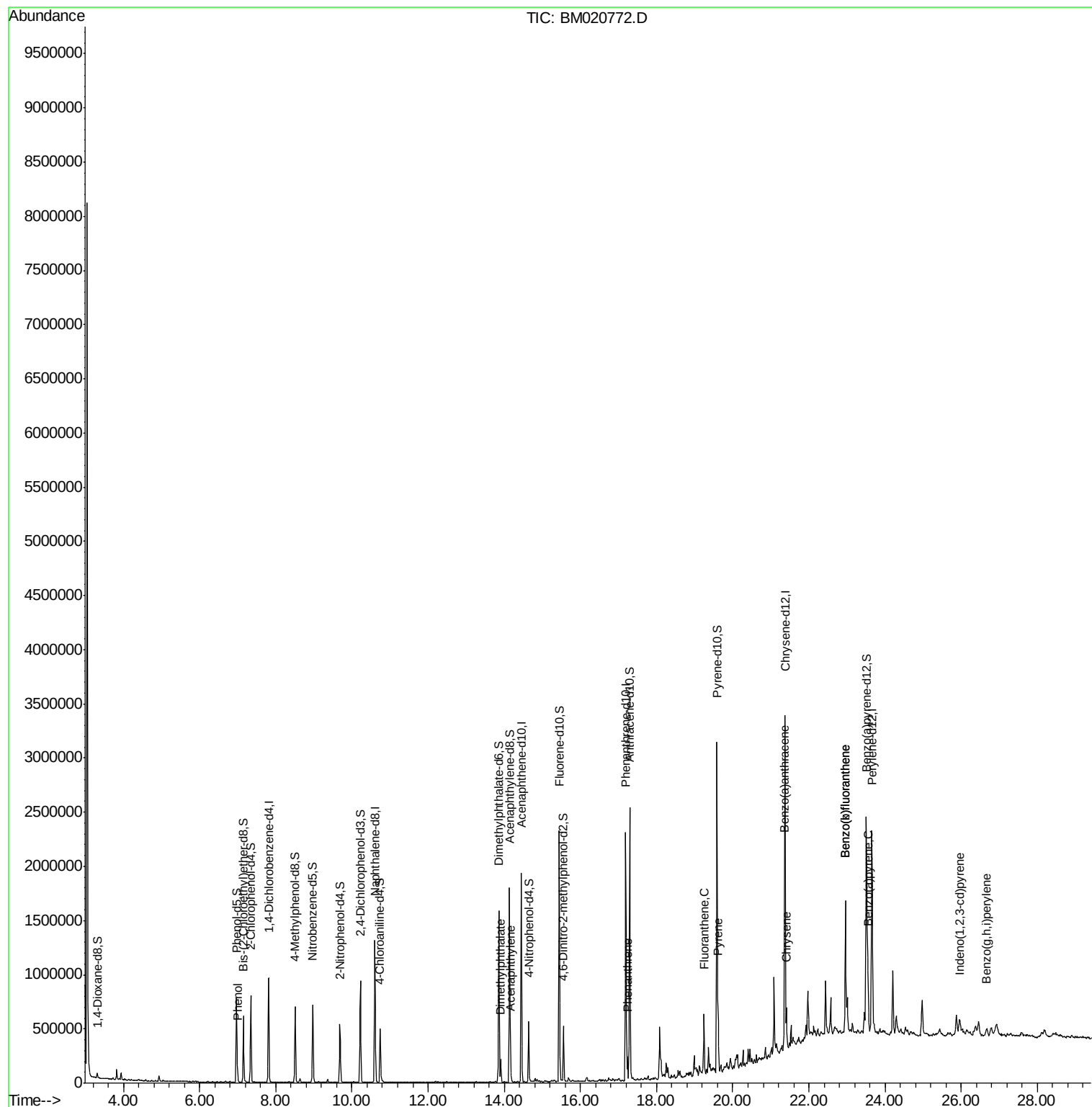
					Ovalue
6) Phenol	7.00	94	38448	1.851	ng/ul 97
44) Dimethylphthalate	13.90	163	128013	2.868	ng/ul 98
47) Acenaphthylene	14.17	152	57949	1.060	ng/ul 97
69) Phenanthrene	17.23	178	119661	1.783	ng/ul 98
76) Fluoranthene	19.25	202	290938	3.783	ng/ul 99
79) Pyrene	19.62	202	381406	5.026	ng/ul 99
82) Benzo(a)anthracene	21.36	228	176410	2.300	ng/ul 91
84) Chrysene	21.41	228	218985	3.077	ng/ul 96
87) Benzo(b)fluoranthene	22.97	252	271469	3.386	ng/ul# 93
88) Benzo(k)fluoranthene	22.97	252	271469	3.542	ng/ul# 93
90) Benzo(a)pyrene	23.56	252	194666	2.552	ng/ul# 96
91) Indeno(1,2,3-cd)pyrene	25.96	276	128514	1.426	ng/ul 98
93) Benzo(g,h,i)perylene	26.67	276	76354	1.045	ng/ul 98

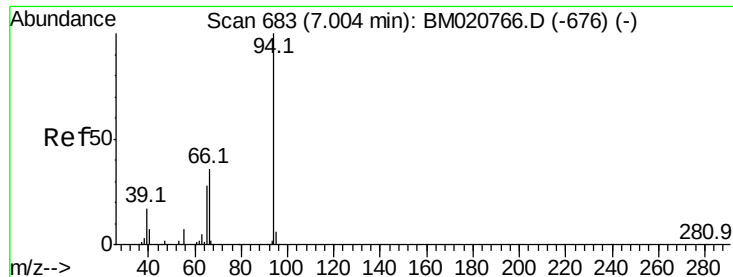
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 07 05:12:28 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.851 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM020772.D

Acq: 06 Jun 2019 20:23

Instrument :

BNA_M

ClientSampleId :

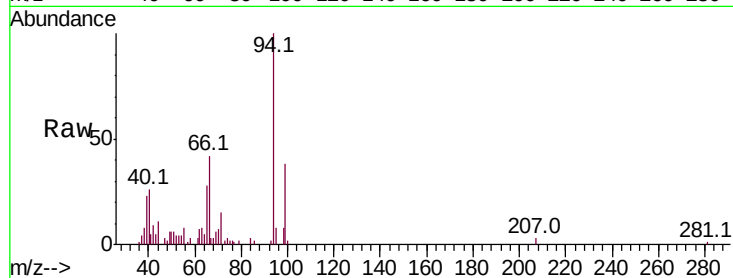
Tot Ion: 94 Resp: 38448

Ion Ratio Lower Upper

94 100

65 27.6 23.3 34.9

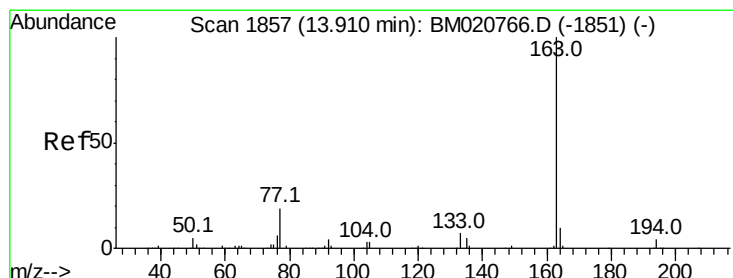
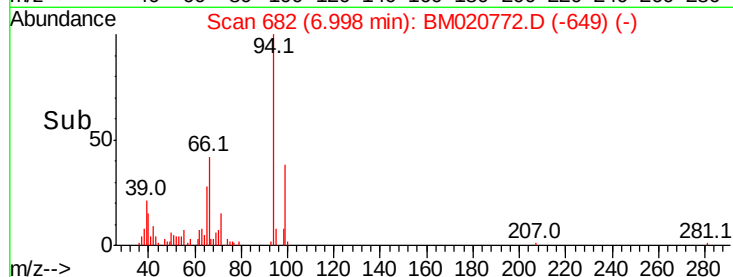
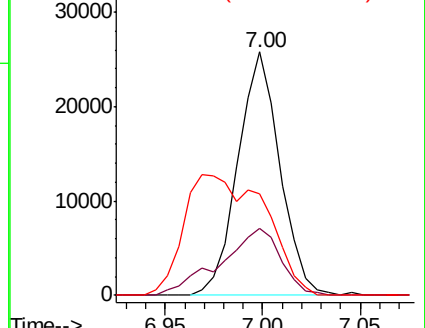
66 41.8 32.1 48.1



Abundance Ion 94.00 (93.70 to 94.70): BM020766.D (-676) (-)

Ion 65.00 (64.70 to 65.70): BM020766.D (-676) (-)

Ion 66.00 (65.70 to 66.70): BM020766.D (-676) (-)



#44

Dimethylphthalate

Concen: 2.868 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM020772.D

Acq: 06 Jun 2019 20:23

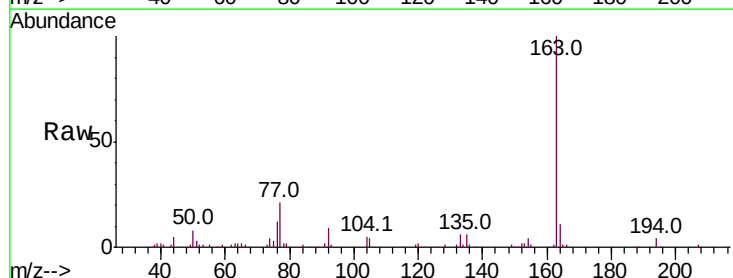
Tgt Ion:163 Resp: 128013

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

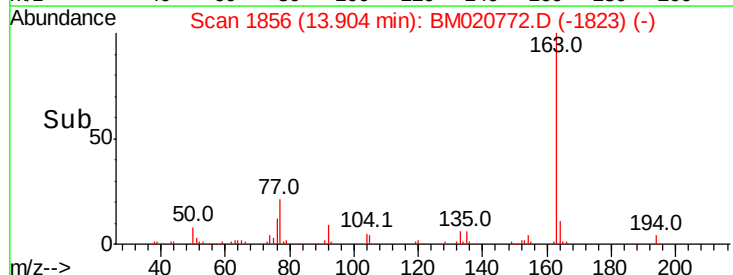
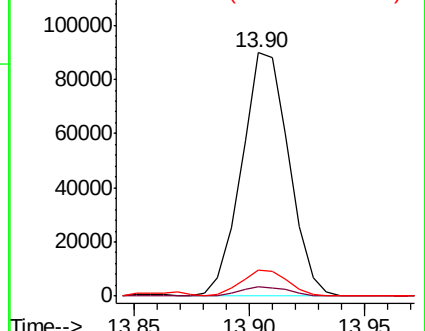
164 10.9 8.0 12.0

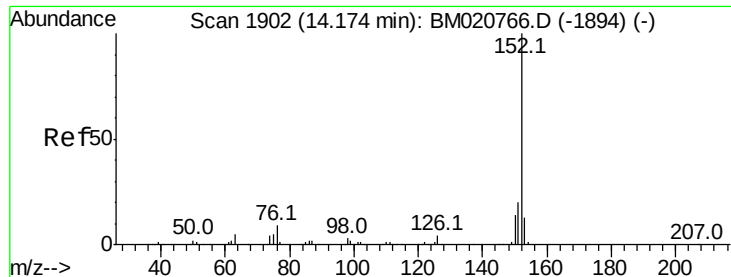


Abundance Ion 163.00 (162.70 to 163.70): BM020766.D (-1851) (-)

Ion 194.00 (193.70 to 194.70): BM020766.D (-1851) (-)

Ion 164.00 (163.70 to 164.70): BM020766.D (-1851) (-)

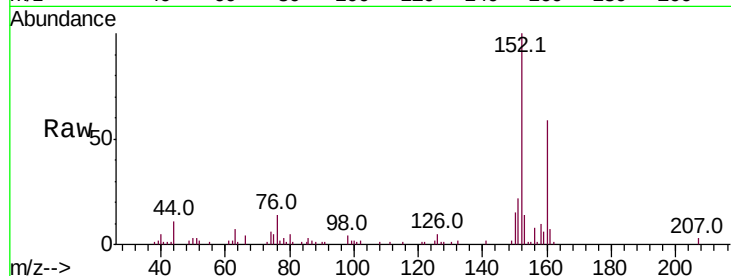




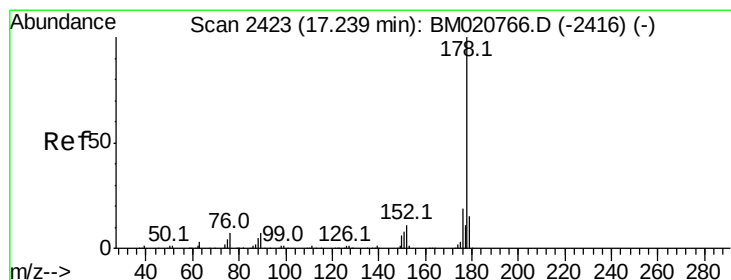
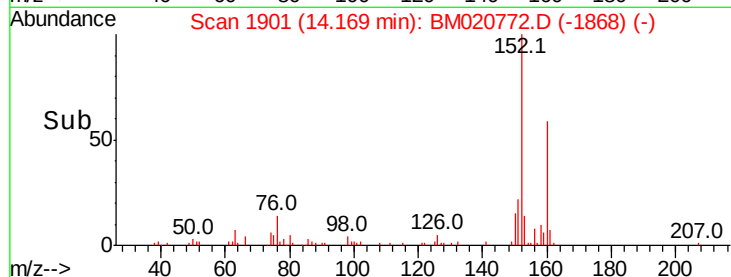
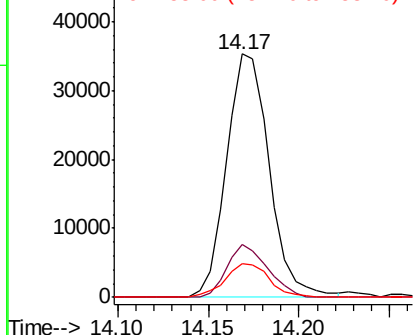
#47
Acenaphthylene
Concen: 1.060 ng/ul
RT: 14.17 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BM020772.D
Acq: 06 Jun 2019 20:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 57949
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.2
153 13.8 10.6 15.8

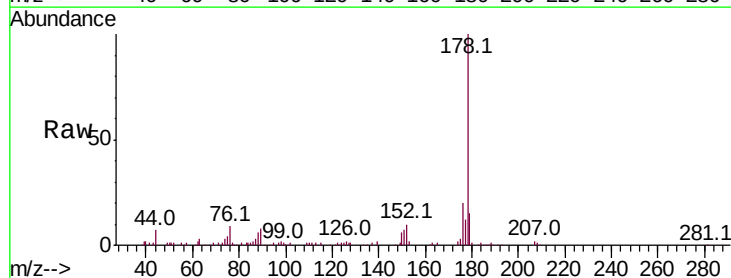


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

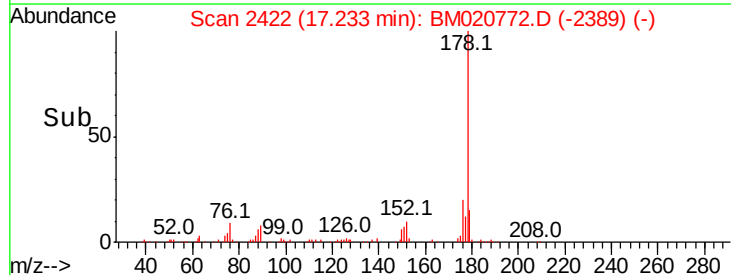
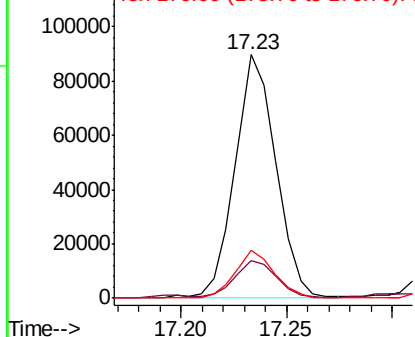


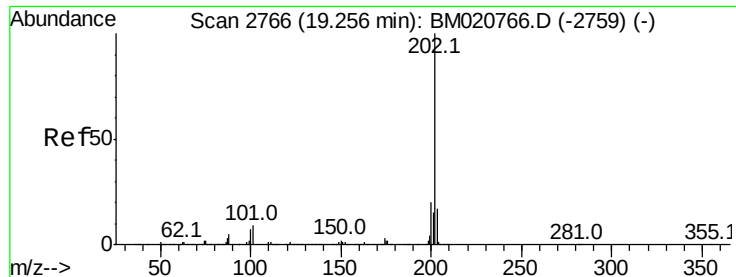
#69
Phenanthrene
Concen: 1.783 ng/ul
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM020772.D
Acq: 06 Jun 2019 20:23

Tgt Ion:178 Resp: 119661
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.8 14.8 22.2



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

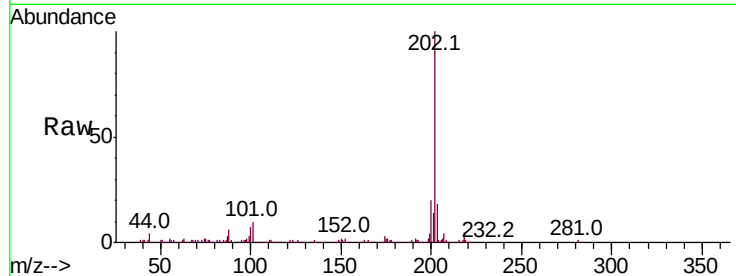




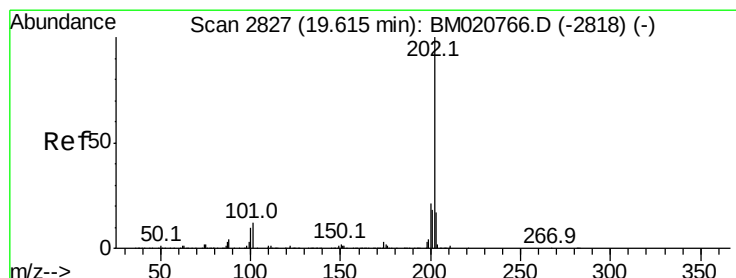
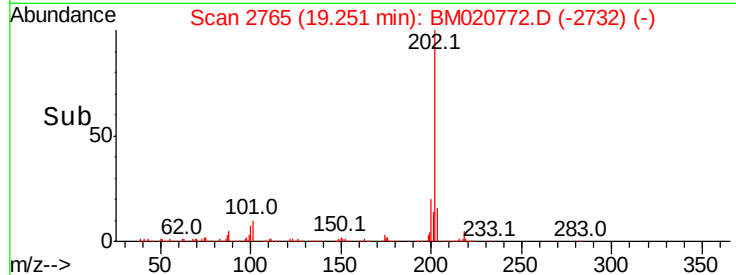
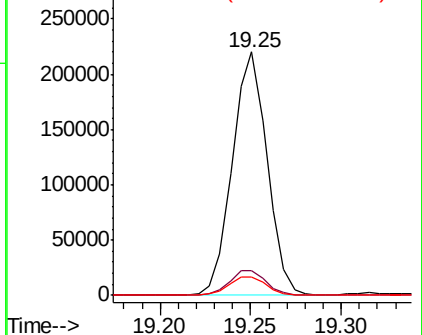
#76
Fluoranthene
Concen: 3.783 ng/ul
RT: 19.25 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BM020772.D
Acq: 06 Jun 2019 20:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	202	Resp:	290938
Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.9	11.9
100	7.4	6.2	9.4

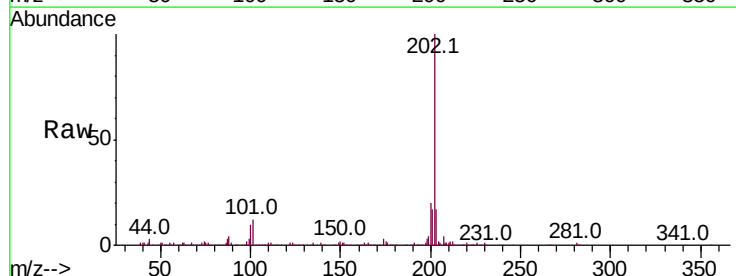


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

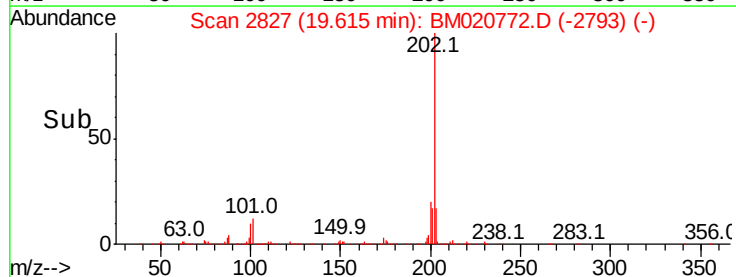
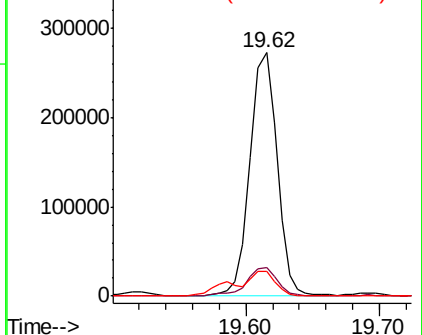


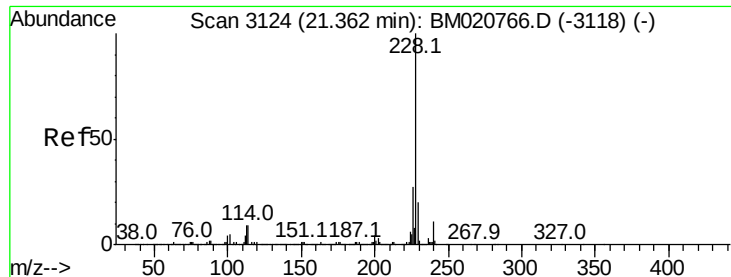
#79
Pyrene
Concen: 5.026 ng/ul
RT: 19.62 min Scan# 2827
Delta R.T. -0.00 min
Lab File: BM020772.D
Acq: 06 Jun 2019 20:23

Tgt Ion:	202	Resp:	381406
Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.6
100	10.2	8.0	12.0



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

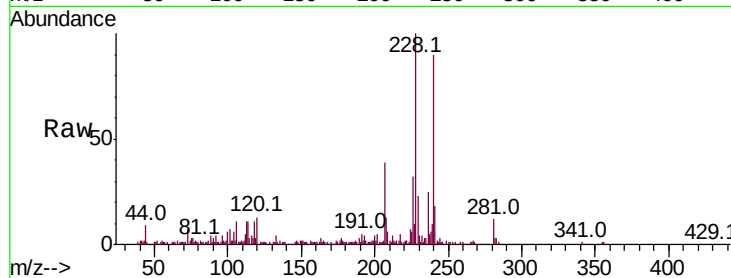




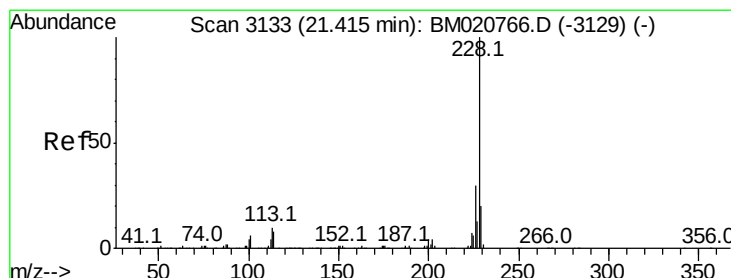
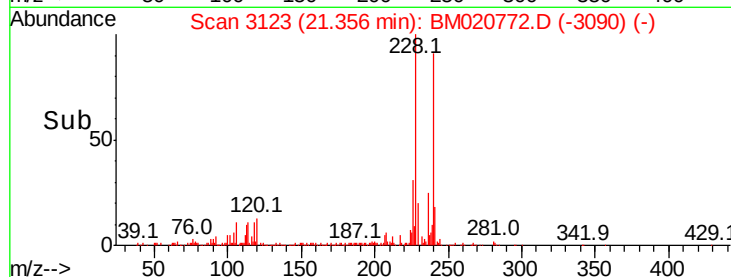
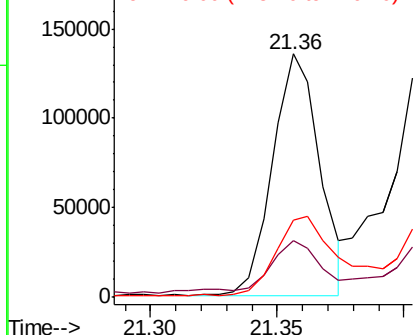
#82
Benzo(a)anthracene
Concen: 2.300 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020772.D
Acq: 06 Jun 2019 20:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:228 Resp: 176410
Ion Ratio Lower Upper
228 100
229 23.1 15.6 23.4
226 31.9 21.4 32.2

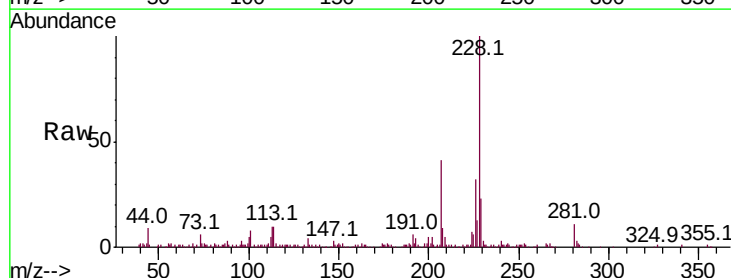


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

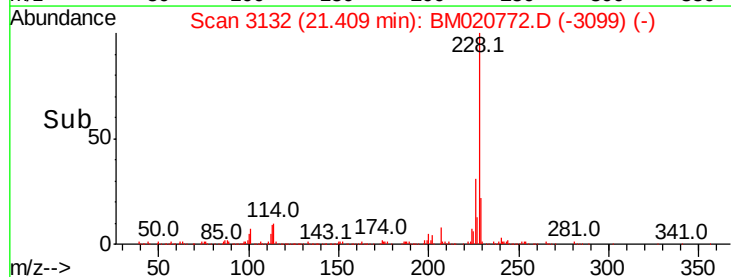
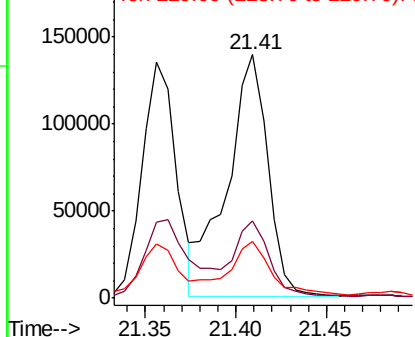


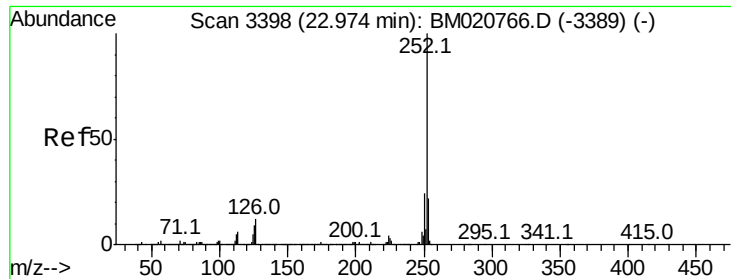
#84
Chrysene
Concen: 3.077 ng/ul
RT: 21.41 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BM020772.D
Acq: 06 Jun 2019 20:23

Tgt Ion:228 Resp: 218985
Ion Ratio Lower Upper
228 100
226 31.6 24.4 36.6
229 23.1 16.2 24.2



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





#87

Benzo(b)fluoranthene

Concen: 3.386 ng/ul

RT: 22.97 min Scan# 3397

Delta R.T. -0.01 min

Lab File: BM020772.D

Acq: 06 Jun 2019 20:23

Instrument :

BNA_M

ClientSampleId :

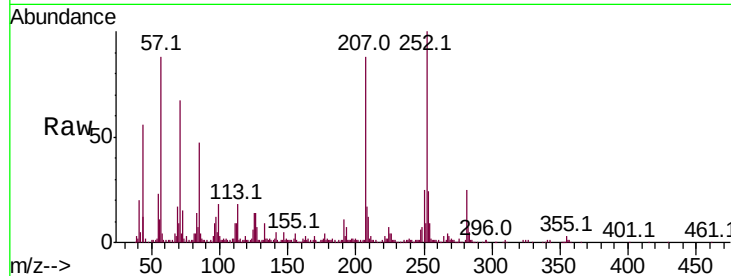
Tot Ion:252 Resp: 271469

Ion Ratio Lower Upper

252 100

253 24.0 17.6 26.4

125 13.7 7.3 10.9#

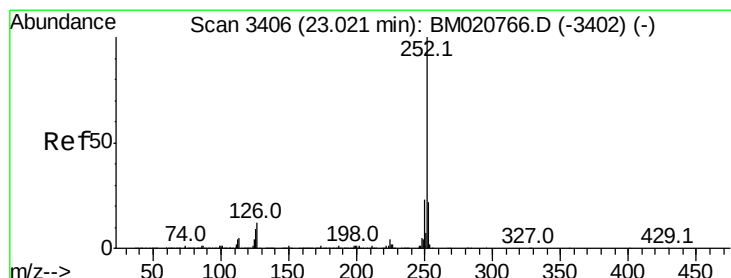
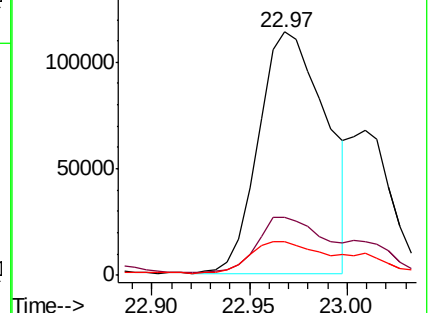
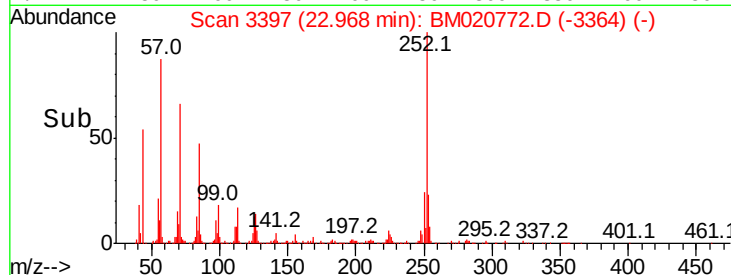


Abundance

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(k)fluoranthene

Concen: 3.542 ng/ul

RT: 22.97 min Scan# 3397

Delta R.T. -0.05 min

Lab File: BM020772.D

Acq: 06 Jun 2019 20:23

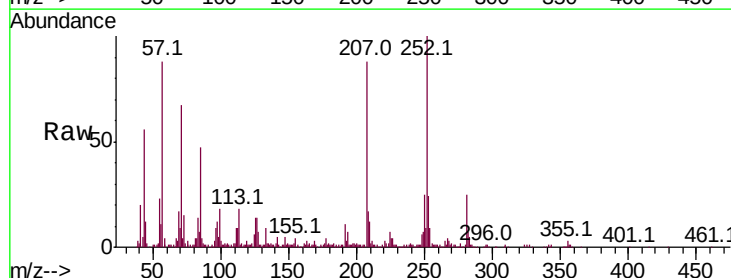
Tgt Ion:252 Resp: 271469

Ion Ratio Lower Upper

252 100

253 24.0 17.6 26.4

125 13.7 7.3 10.9#

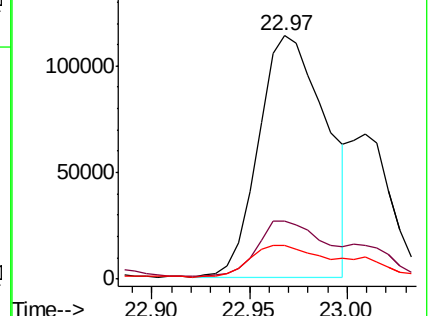
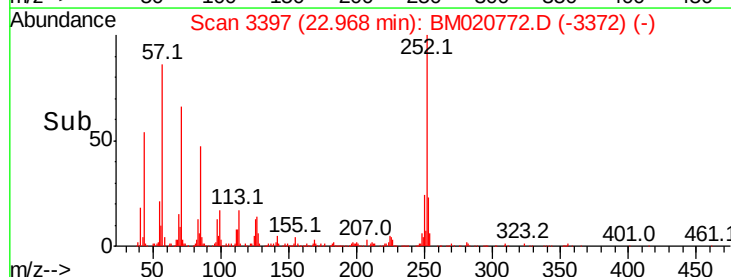


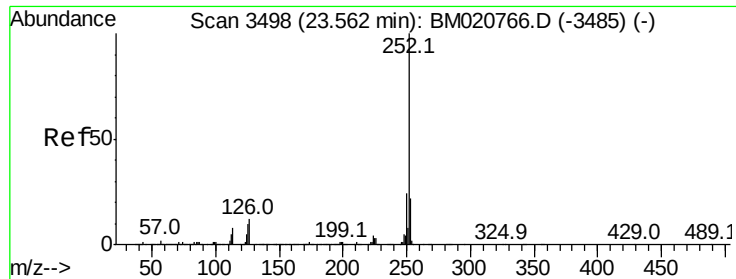
Abundance

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





#90

Benzo(a)pyrene

Concen: 2.552 ng/ul

RT: 23.56 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BM020772.D

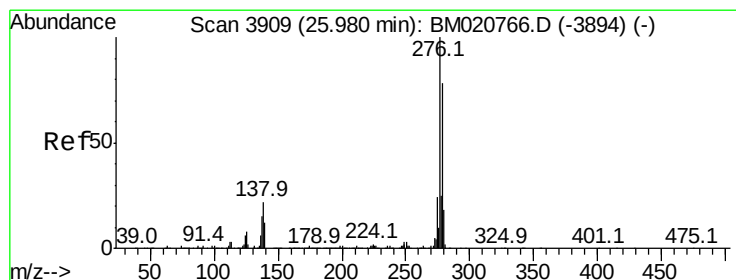
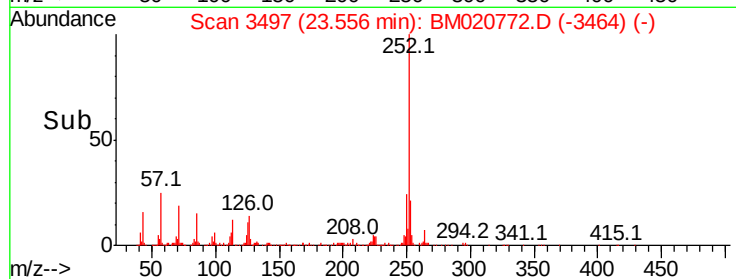
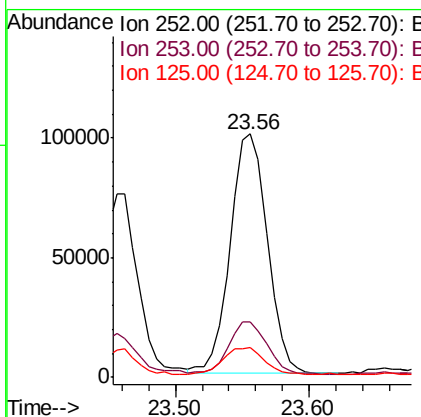
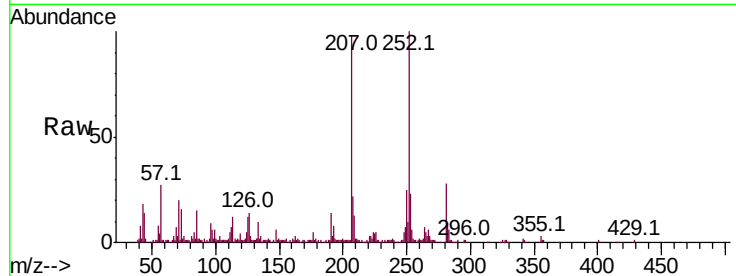
Acq: 06 Jun 2019 20:23

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	194666
Ion Ratio	Lower	Upper
252	100	
253	22.8	17.0 25.6
125	12.5	8.2 12.4#



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.426 ng/ul

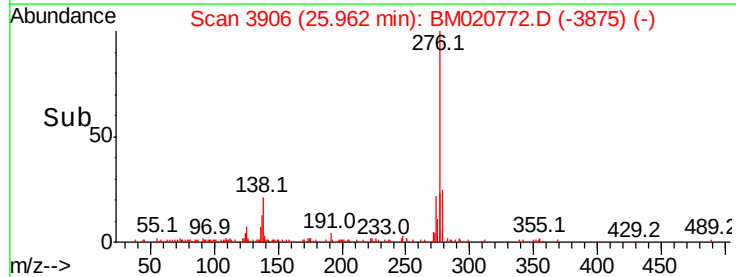
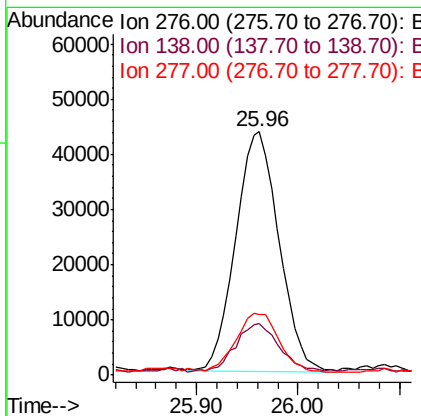
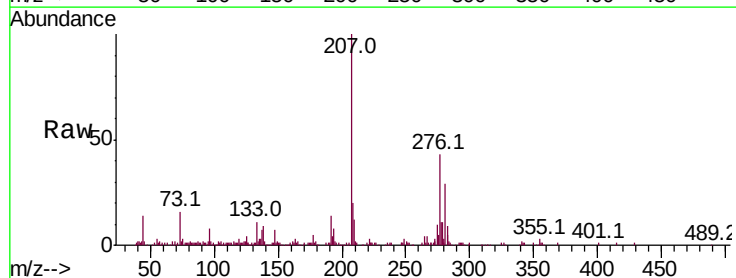
RT: 25.96 min Scan# 3906

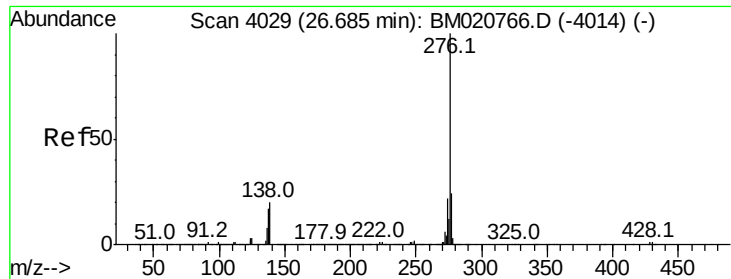
Delta R.T. -0.02 min

Lab File: BM020772.D

Acq: 06 Jun 2019 20:23

Tgt Ion:276	Resp:	128514
Ion Ratio	Lower	Upper
276	100	
138	21.1	17.8 26.8
277	24.7	20.0 30.0





#93

Benzo(a,h,i)perylene

Concen: 1.045 ng/ul

RT: 26.67 min Scan# 4026

Delta R.T. -0.02 min

Lab File: BM020772.D

Acq: 06 Jun 2019 20:23

Instrument :

BNA_M

ClientSampleId :

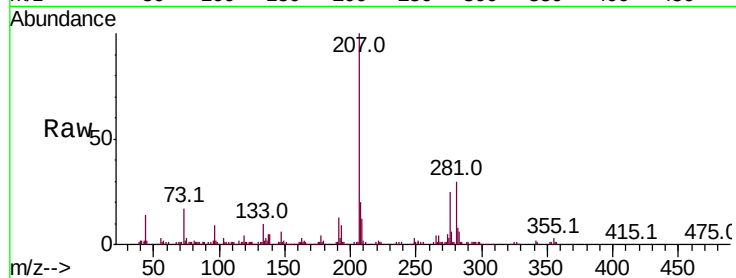
Tot Ion:276 Resp: 76354

Ion Ratio Lower Upper

276 100

138 19.8 16.6 25.0

277 25.0 19.6 29.4



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

