

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027068.D
 Acq On : 13 Aug 2020 19:27
 Operator : JU/CG
 Sample : L3630-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFML3

Quant Time: Aug 14 01:25:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 11:47:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	118336	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	447289	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	280265	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	593638	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	610199	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	622521	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	9957	3.82	ng/uL	0.00
5) Phenol-d5	6.82	99	274684	29.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	181182	28.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	214168	29.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	205999	28.72	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	101028	28.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	111283	30.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	235662	30.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	207792	23.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	649953	29.08	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	795834	29.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	103578	27.45	ng/ul	0.00
58) Fluorene-d10	15.27	176	591585	30.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	76008	23.44	ng/ul	0.00
71) Anthracene-d10	17.12	188	895271	30.61	ng/ul	0.00
79) Pyrene-d10	19.42	212	1027016	33.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1113775	32.05	ng/ul	0.00

Target Compounds

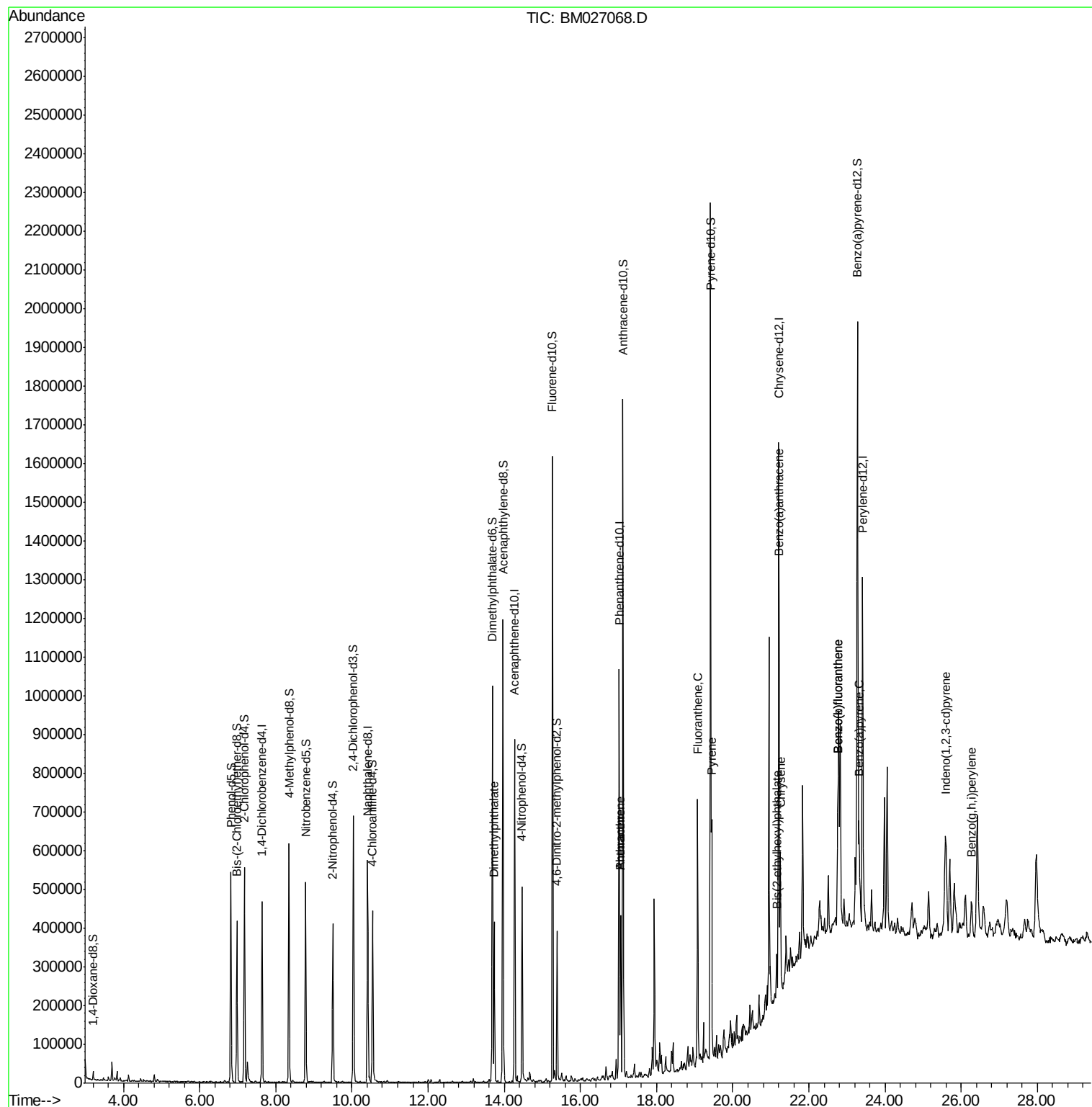
					Ovalue
45) Dimethylphthalate	13.74	163	244441	10.437	ng/ul 98
70) Phenanthrene	17.06	178	241147	6.776	ng/ul 99
72) Anthracene	17.06	178	241147	6.659	ng/ul 100
77) Fluoranthene	19.08	202	390117	9.040	ng/ul 99
80) Pyrene	19.44	202	358860	8.664	ng/ul 99
83) Benzo(a)anthracene	21.20	228	162703	3.961	ng/ul 94
84) Bis(2-ethylhexyl)phthalate	21.16	149	39865	1.733	ng/ul 97
85) Chrysene	21.25	228	202496	5.022	ng/ul 96
88) Benzo(b)fluoranthene	22.76	252	276024	6.385	ng/ul 96
89) Benzo(k)fluoranthene	22.76	252	276024	6.443	ng/ul 95
91) Benzo(a)pyrene	23.32	252	178733	4.543	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	25.60	276	136880	2.700	ng/ul 96
94) Benzo(g,h,i)perylene	26.27	276	108880	2.600	ng/ul 95

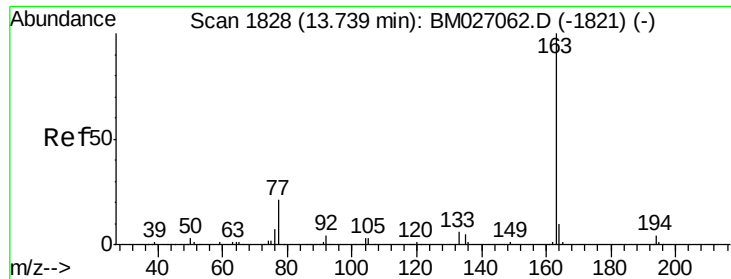
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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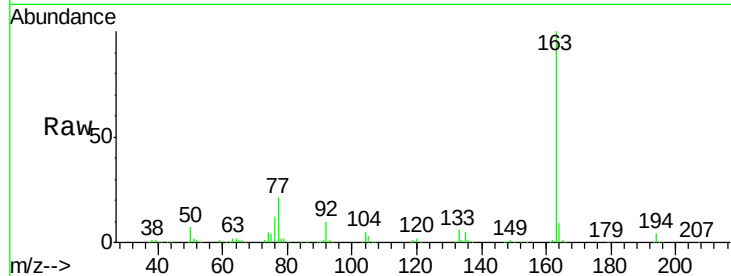




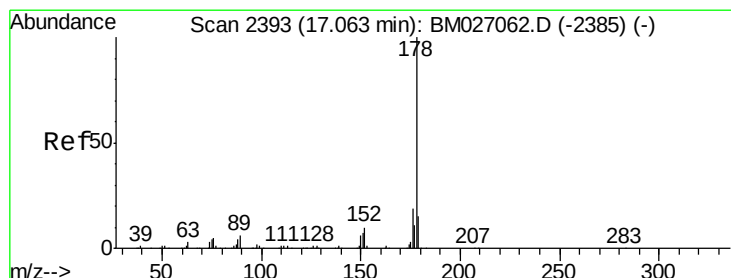
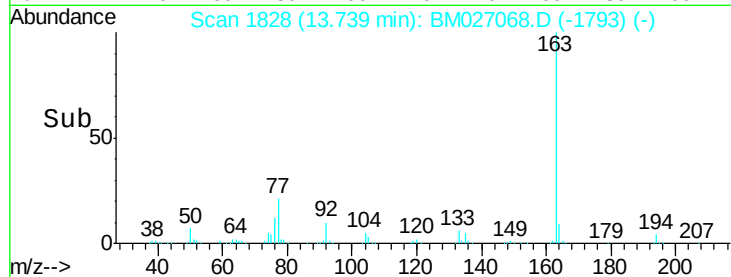
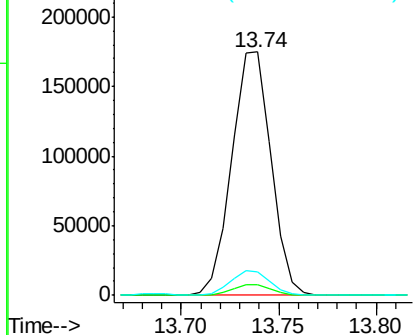
#45
Dimethylphthalate
Concen: 10.437 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BM027068.D
Acq: 13 Aug 2020 19:27

Instrument :
BNA_M
ClientSampleId :
BFML3

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.4	8.2	12.2

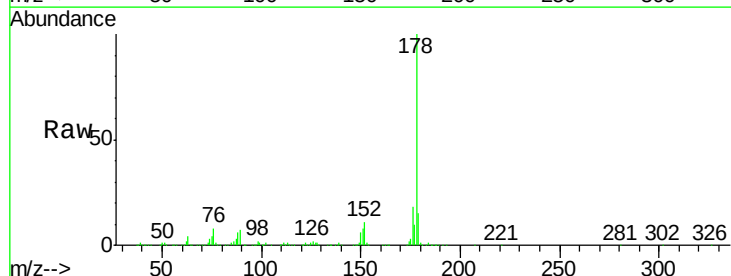


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

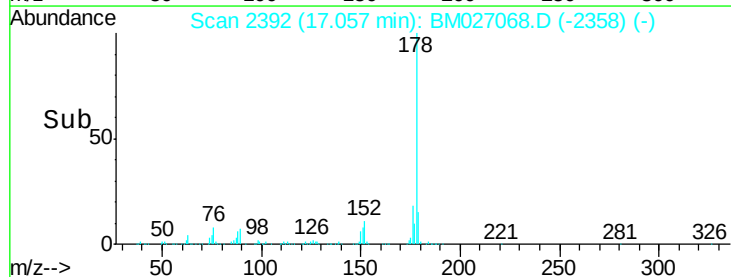
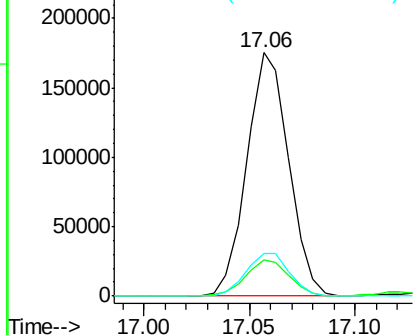


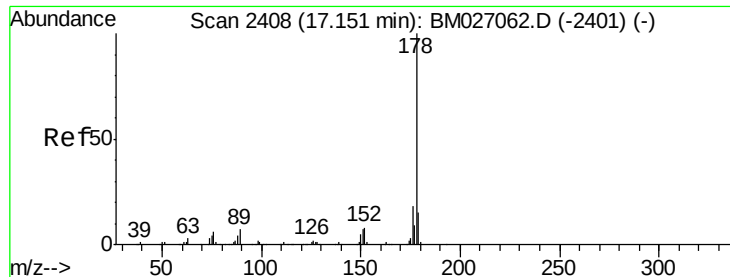
#70
Phenanthrene
Concen: 6.776 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM027068.D
Acq: 13 Aug 2020 19:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.9	17.9
176	17.7	14.6	22.0



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: 6.659 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.09 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

Instrument :

BNA_M

ClientSampleId :

BFML3

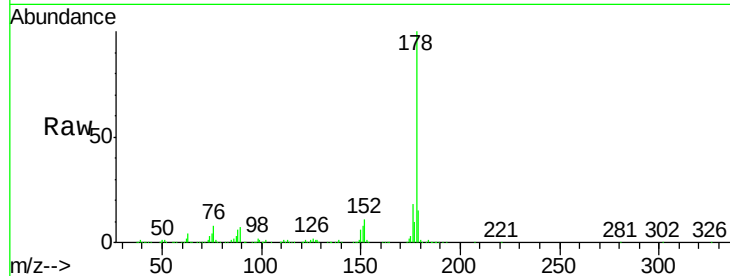
Tot Ion:178 Resp: 241147

Ion Ratio Lower Upper

178 100

179 14.8 12.0 18.0

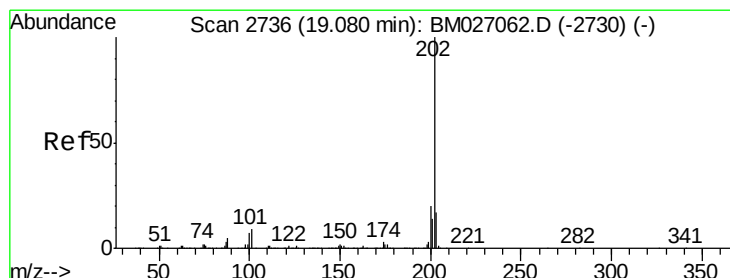
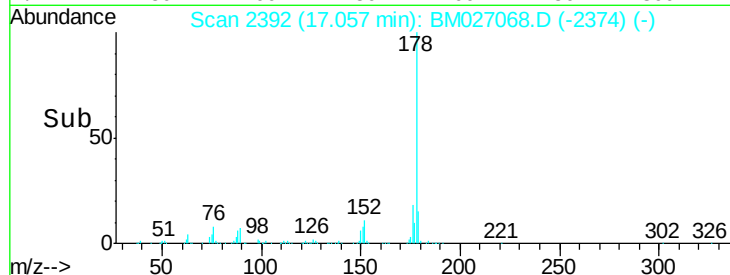
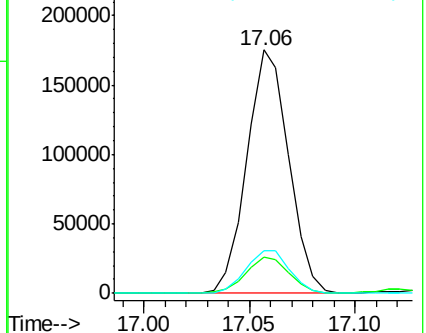
176 17.7 14.3 21.5



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



#77

Fluoranthene

Concen: 9.040 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

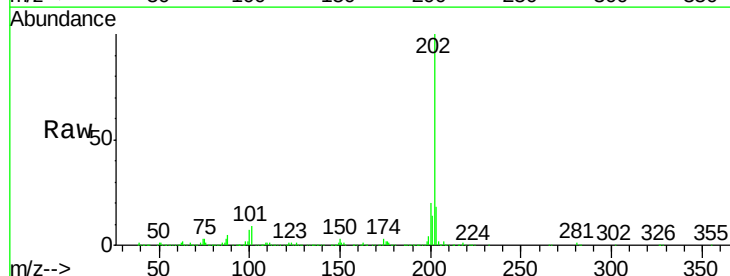
Tgt Ion:202 Resp: 390117

Ion Ratio Lower Upper

202 100

101 8.6 6.7 10.1

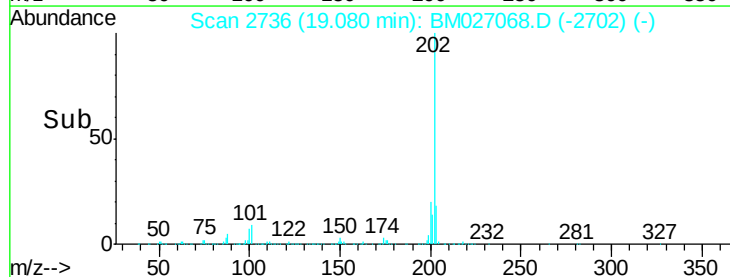
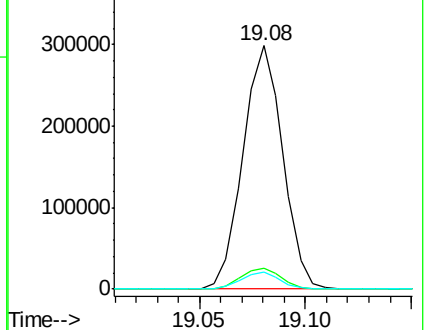
100 7.1 5.4 8.2

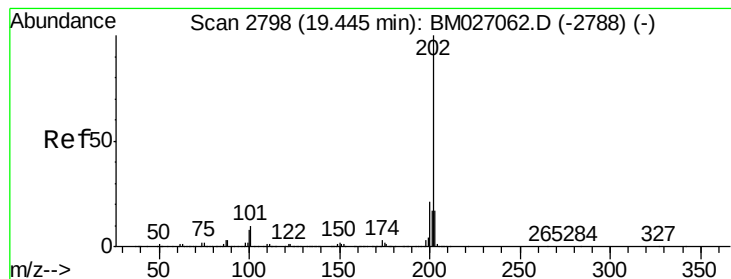


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 8.664 ng/ul

RT: 19.44 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

Instrument :

BNA_M

ClientSampleId :

BFML3

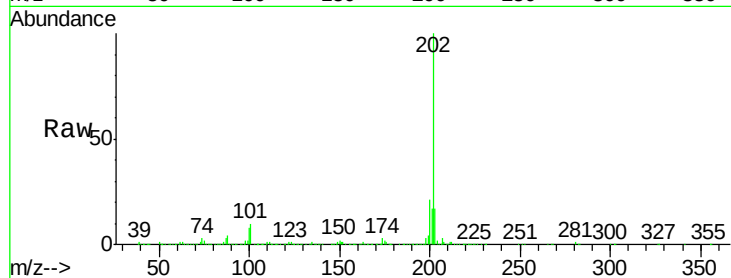
Tot Ion:202 Resp: 358860

Ion Ratio Lower Upper

202 100

101 10.0 7.6 11.4

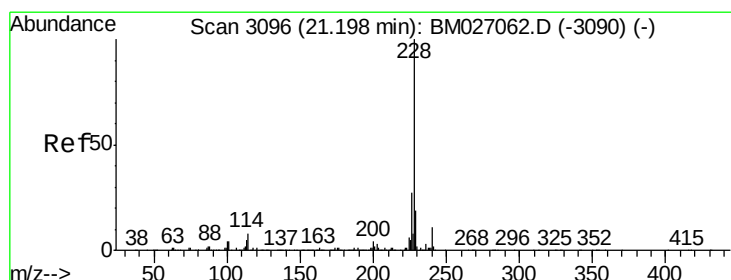
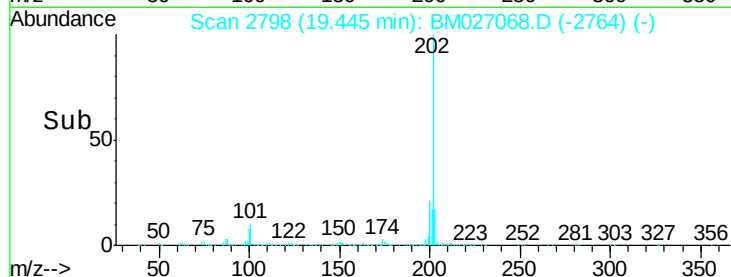
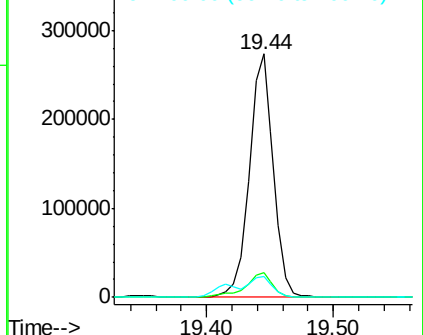
100 8.4 6.3 9.5



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



#83

Benzo(a)anthracene

Concen: 3.961 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

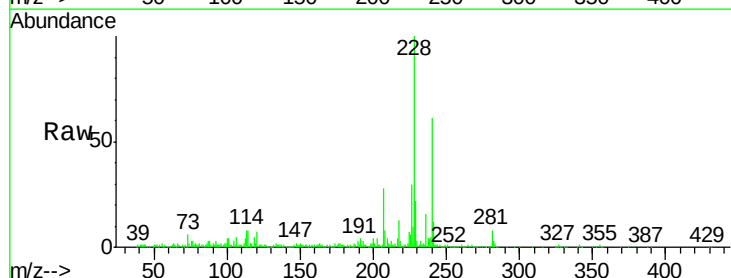
Tgt Ion:228 Resp: 162703

Ion Ratio Lower Upper

228 100

229 22.2 15.8 23.6

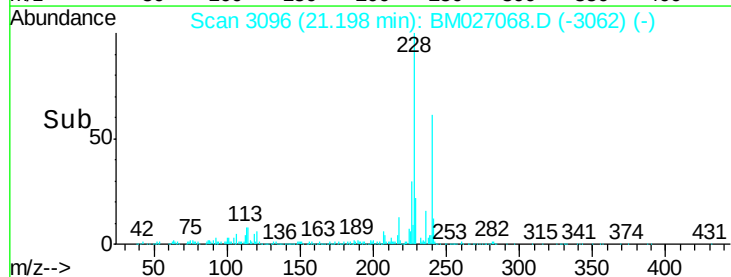
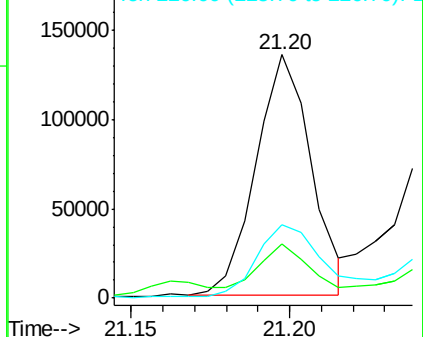
226 29.9 21.2 31.8

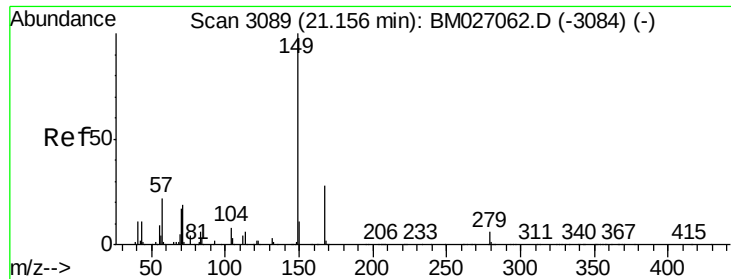


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.733 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

Instrument :

BNA_M

ClientSampleId :

BFML3

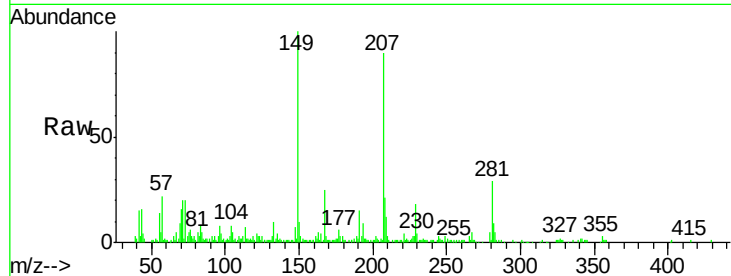
Tot Ion:149 Resp: 39865

Ion Ratio Lower Upper

149 100

167 25.4 21.6 32.4

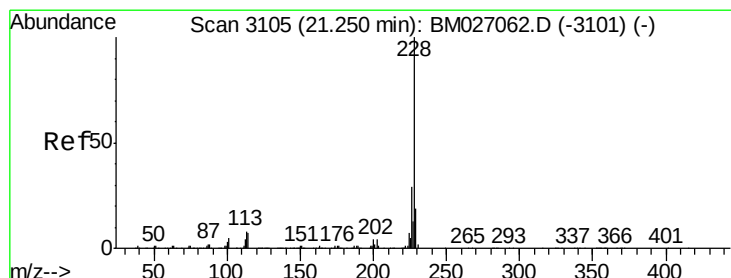
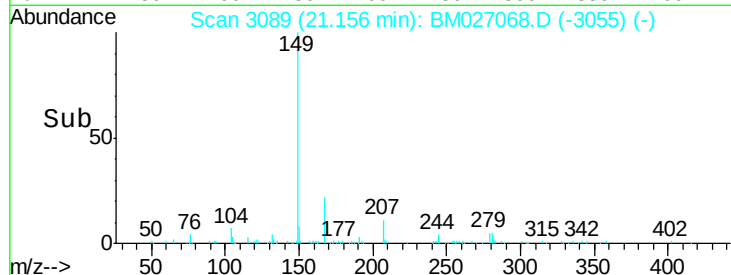
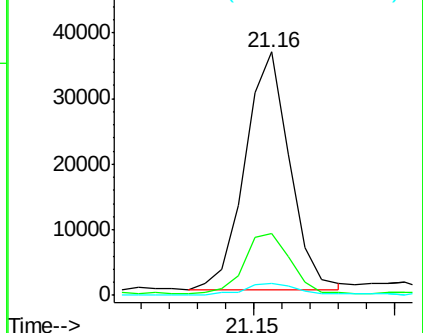
279 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 5.022 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

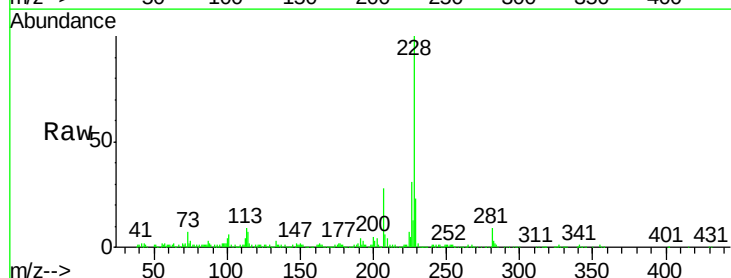
Tgt Ion:228 Resp: 202496

Ion Ratio Lower Upper

228 100

226 31.2 23.8 35.6

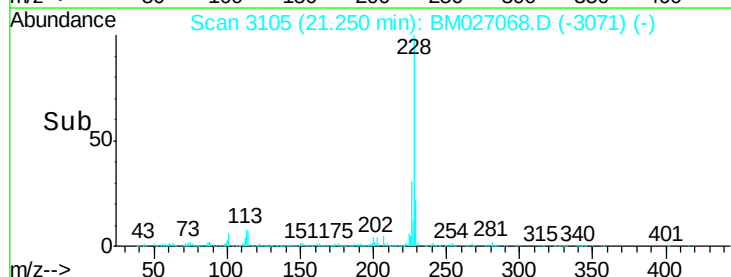
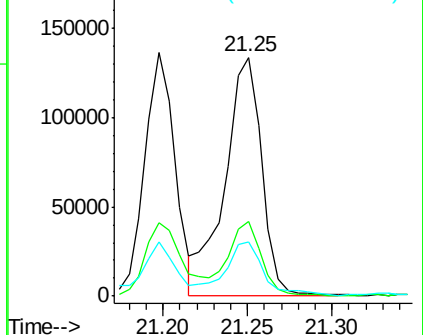
229 22.5 15.8 23.8

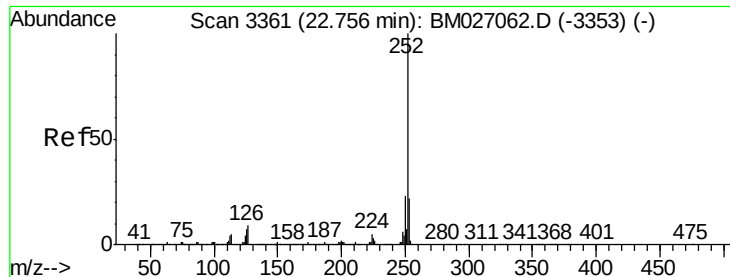


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 6.385 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. 0.00 min

Lab File: BM027068.D

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Instrument :

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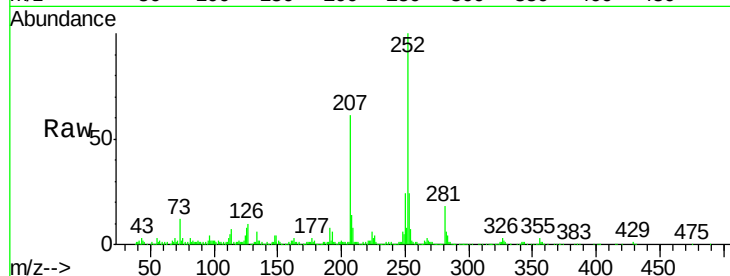
Tot Ion:252 Resp: 276024

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

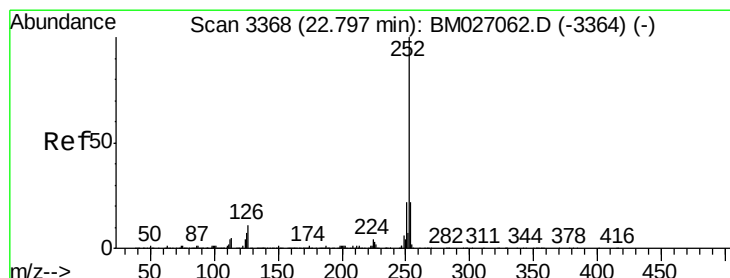
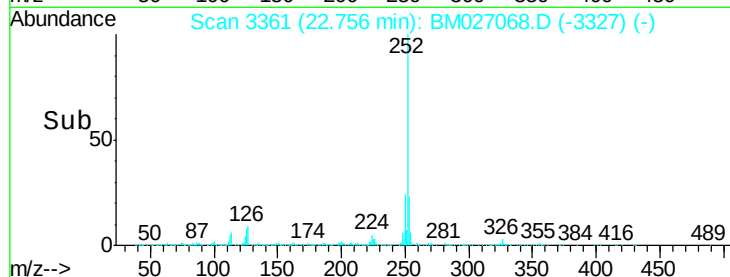
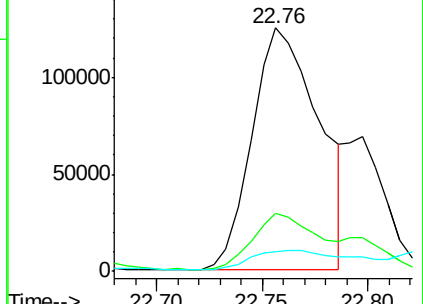
125 8.2 6.0 9.0



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

Benzo(k)fluoranthene

Concen: 6.443 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.04 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

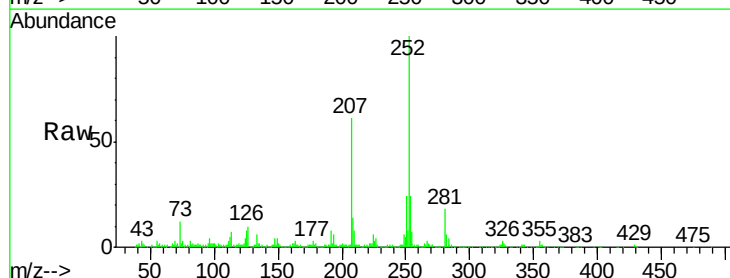
Tgt Ion:252 Resp: 276024

Ion Ratio Lower Upper

252 100

253 23.9 17.2 25.8

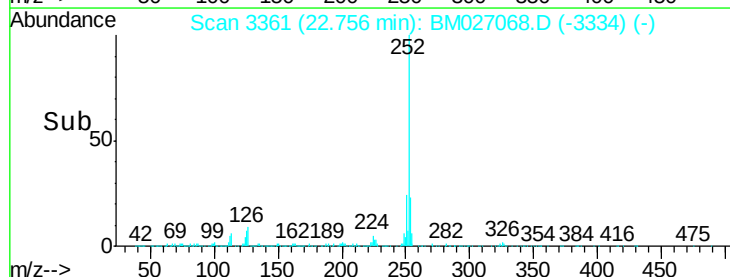
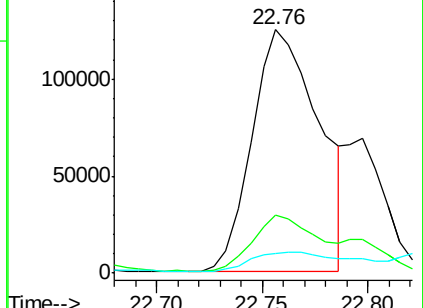
125 8.2 5.5 8.3

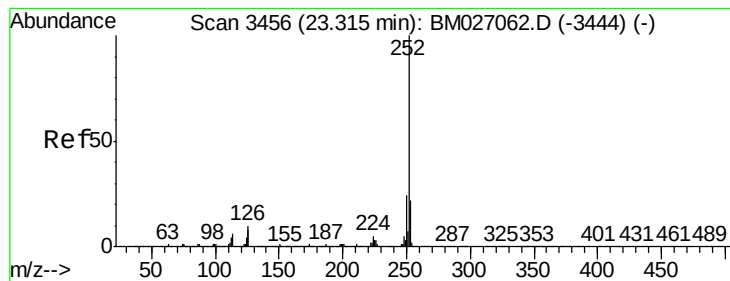


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 4.543 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM027068.D

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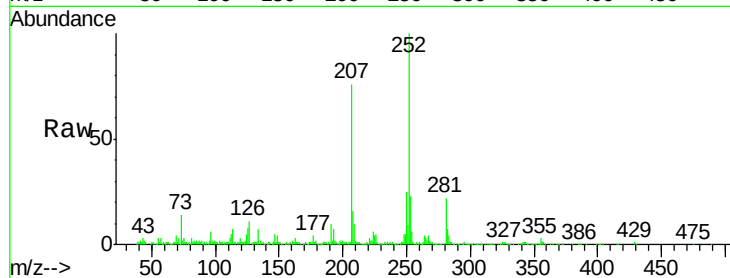
Tot Ion:252 Resp: 178733

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.4

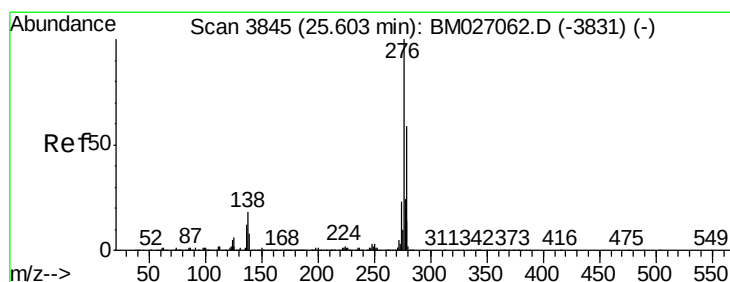
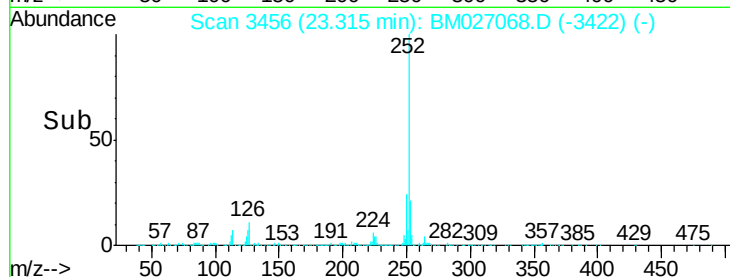
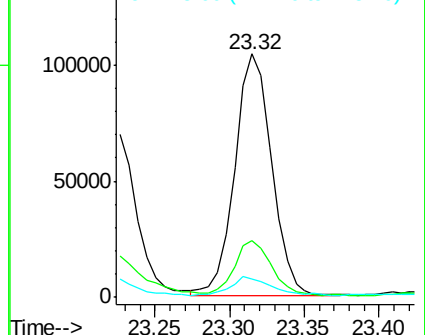
125 7.8 5.8 8.8



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.700 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

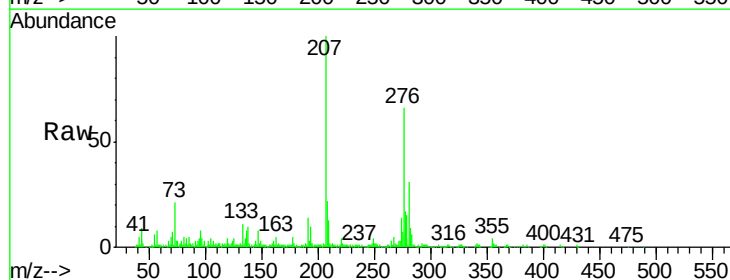
Tgt Ion:276 Resp: 136880

Ion Ratio Lower Upper

276 100

138 14.5 13.9 20.9

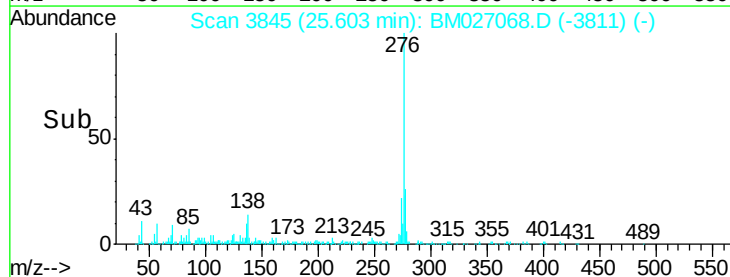
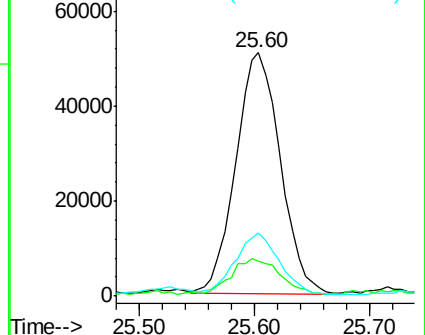
277 26.2 19.8 29.8

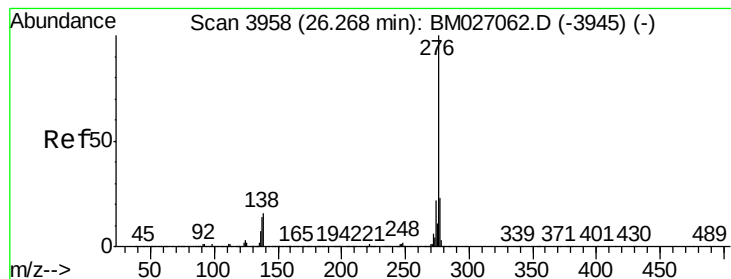


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.600 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BM027068.D

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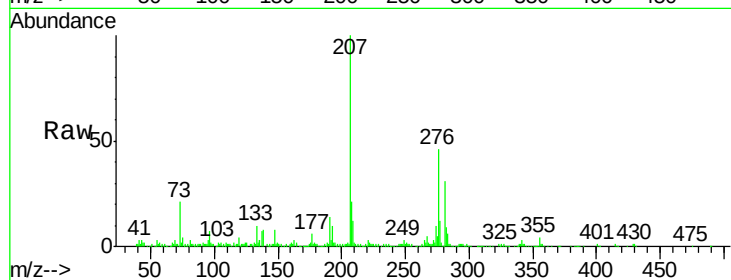
Tot Ion:276 Resp: 108880

Ion Ratio Lower Upper

276 100

138 18.1 12.3 18.5

277 26.2 19.0 28.6



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

