

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
 Data File : BM020871.D
 Acq On : 11 Jun 2019 13:08
 Operator : HP/JU
 Sample : K3083-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51G0

Quant Time: Jun 11 17:06:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	249258	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	977447	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	544535	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1196743	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1130878	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1307336	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	26225	5.02	ng/uL	0.00
5) Phenol-d5	6.97	99	478113	25.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	298235	26.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	422044	27.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	383010	24.96	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	204752	30.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	220985	32.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	409500	28.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	252682	14.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1228304	30.49	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1530567	29.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	124960	18.08	ng/ul	0.00
57) Fluorene-d10	15.44	176	1046251	30.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	66200	10.82	ng/ul	0.00
70) Anthracene-d10	17.29	188	1536982	29.40	ng/ul	0.00
78) Pyrene-d10	19.59	212	1671311	30.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1773751	29.85	ng/ul	0.00

Target Compounds

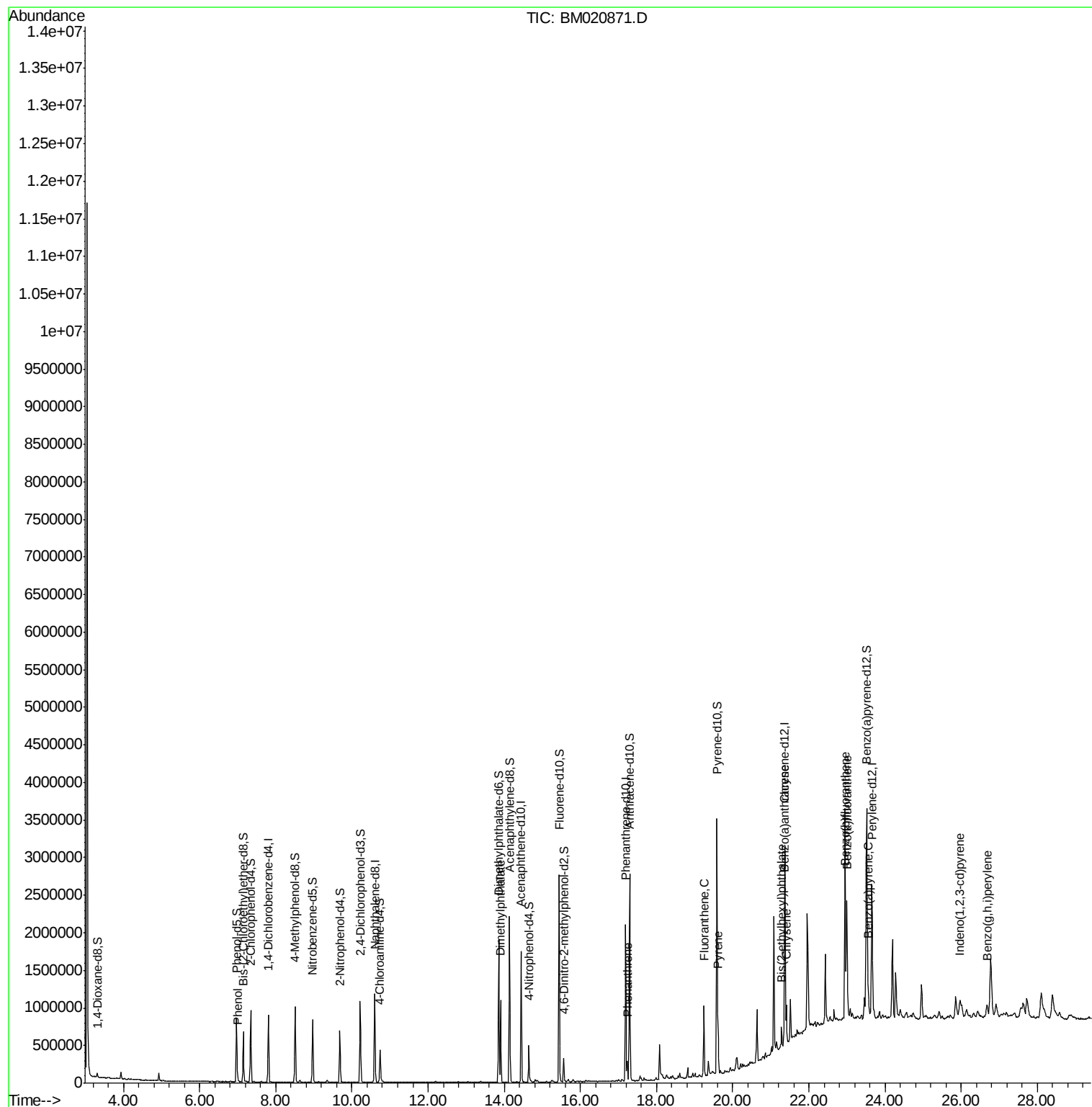
					Ovalue
6) Phenol	7.00	94	23629	1.204	ng/ul 97
44) Dimethylphthalate	13.90	163	684594	16.974	ng/ul 100
69) Phenanthrene	17.23	178	150876	2.505	ng/ul 99
76) Fluoranthene	19.24	202	566731	8.211	ng/ul 99
79) Pyrene	19.61	202	457932	6.560	ng/ul 99
82) Benzo(a)anthracene	21.36	228	205848	2.918	ng/ul 95
83) Bis(2-ethylhexyl)phthalate	21.28	149	91599	1.909	ng/ul 99
84) Chrysene	21.41	228	292977	4.476	ng/ul 99
87) Benzo(b)fluoranthene	22.97	252	456826	6.007	ng/ul# 98
88) Benzo(k)fluoranthene	23.01	252	152108	2.092	ng/ul# 87
90) Benzo(a)pyrene	23.56	252	268615	3.713	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	25.96	276	236215	2.764	ng/ul 95
93) Benzo(g,h,i)perylene	26.67	276	217440	3.136	ng/ul# 94

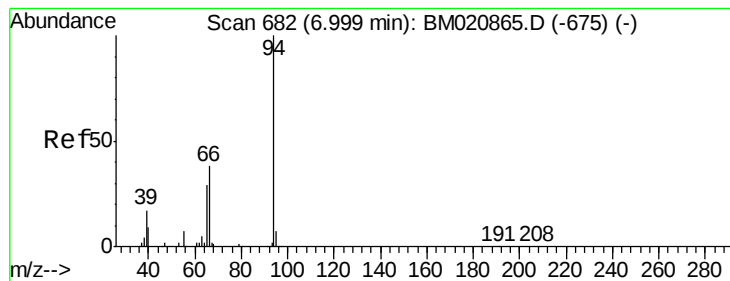
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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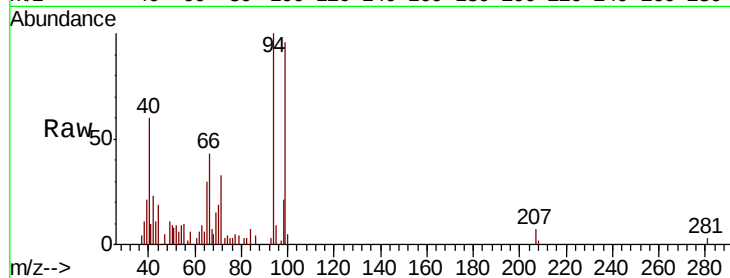
#6

Phenol

Concen: 1.204 ng/ul
 RT: 7.00 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BM020871.D
 Acq: 11 Jun 2019 13:08

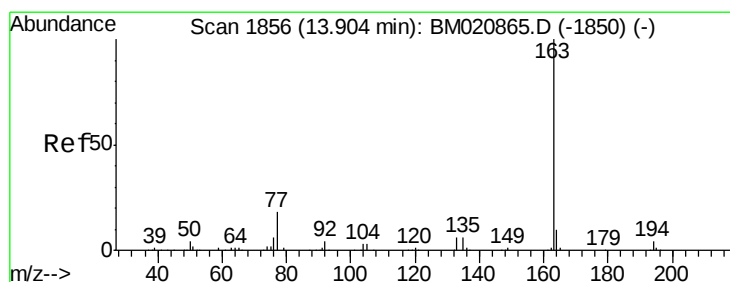
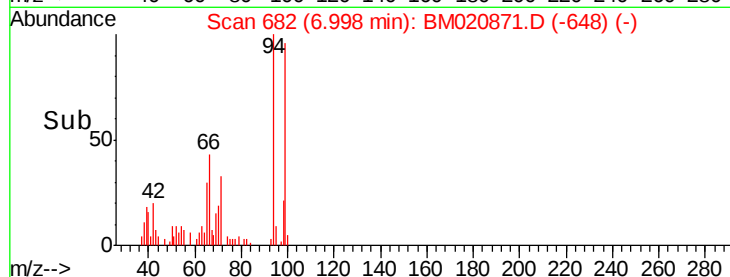
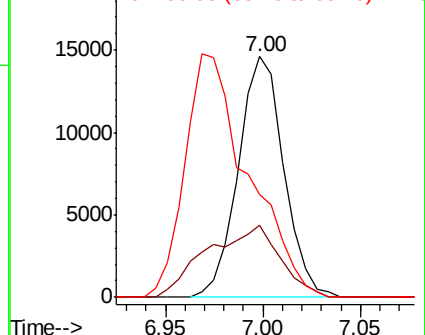
Instrument :
 BNA_M
 ClientSampleId :
 A51G0

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.8	23.3	34.9
66	42.5	32.1	48.1



Abundance

Ion 94.00 (93.70 to 94.70): BM020865.D (-675) (-)

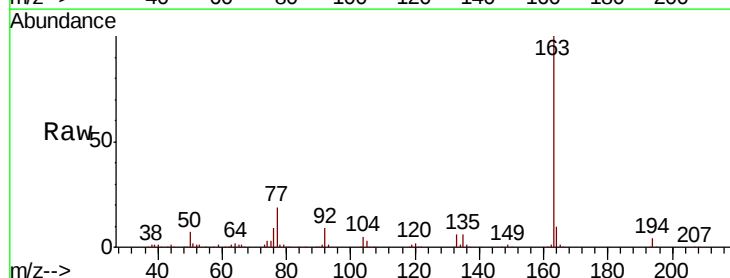


#44

Dimethylphthalate

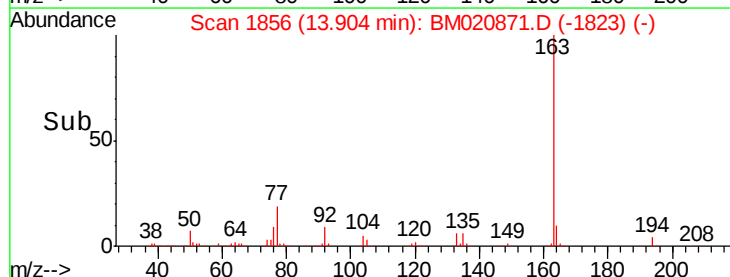
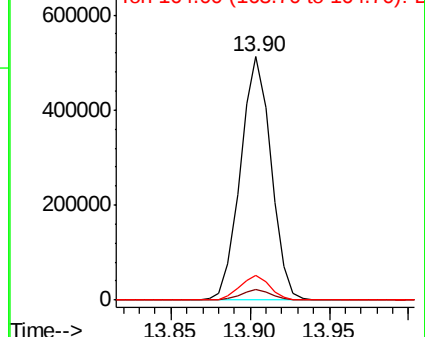
Concen: 16.974 ng/ul
 RT: 13.90 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BM020871.D
 Acq: 11 Jun 2019 13:08

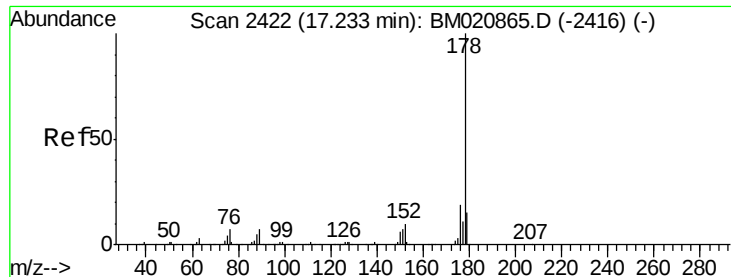
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.1	8.0	12.0



Abundance

Ion 163.00 (162.70 to 163.70): BM020865.D (-1850) (-)





#69

Phenanthrene

Concen: 2.505 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM020871.D

Acq: 11 Jun 2019 13:08

Instrument :

BNA_M

ClientSampleId :

A51G0

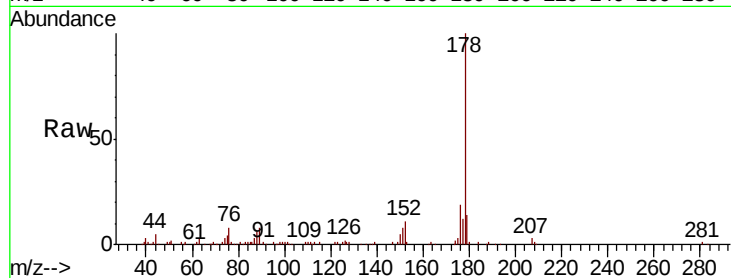
Tot Ion:178 Resp: 150876

Ion Ratio Lower Upper

178 100

179 14.5 12.3 18.5

176 18.8 14.8 22.2

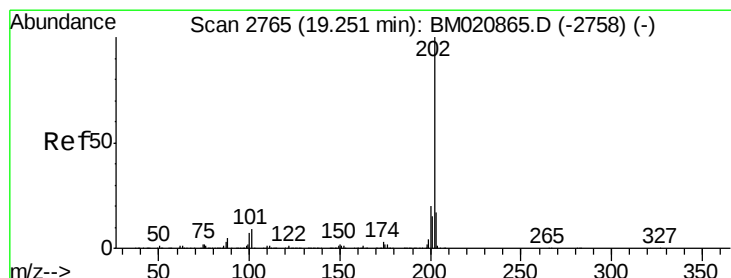
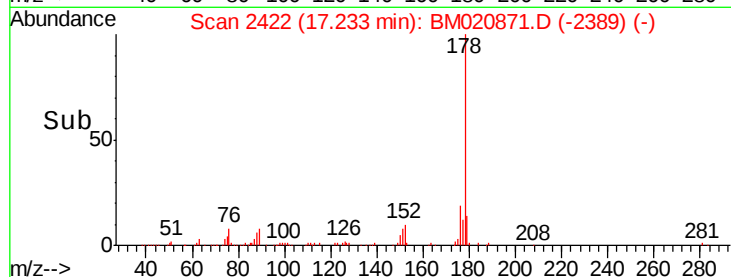
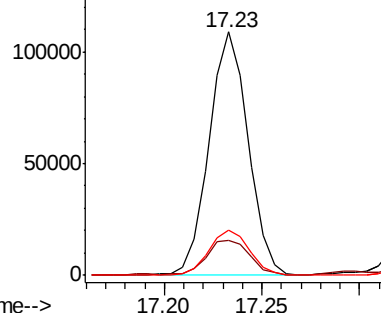


Abundance

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: 8.211 ng/ul

RT: 19.24 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BM020871.D

Acq: 11 Jun 2019 13:08

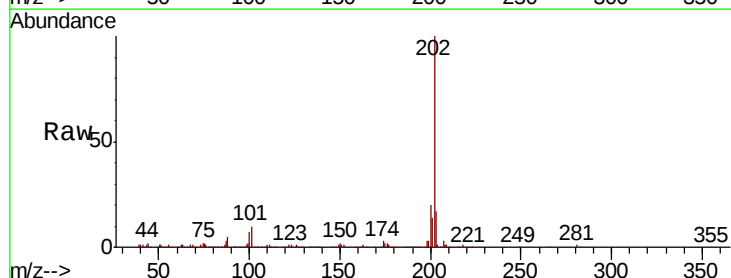
Tgt Ion:202 Resp: 566731

Ion Ratio Lower Upper

202 100

101 9.8 7.9 11.9

100 7.3 6.2 9.4

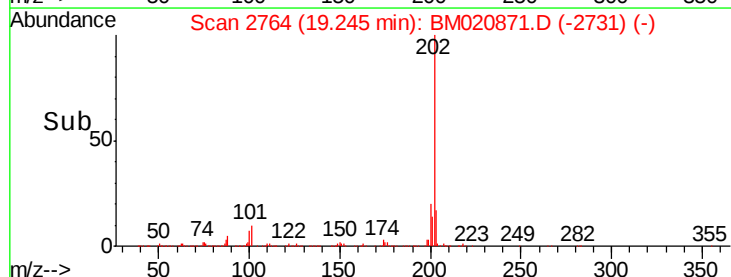
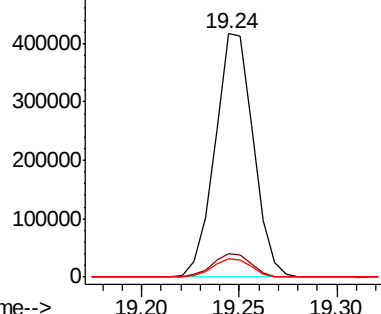


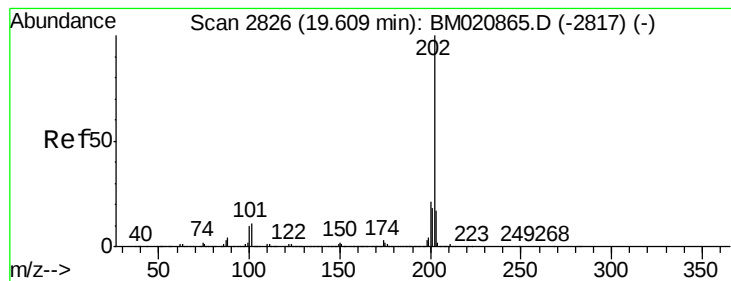
Abundance

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): E





#79

Pvrene

Concen: 6.560 ng/ul

RT: 19.61 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM020871.D

Acq: 11 Jun 2019 13:08

Instrument :

BNA_M

ClientSampleId :

A51G0

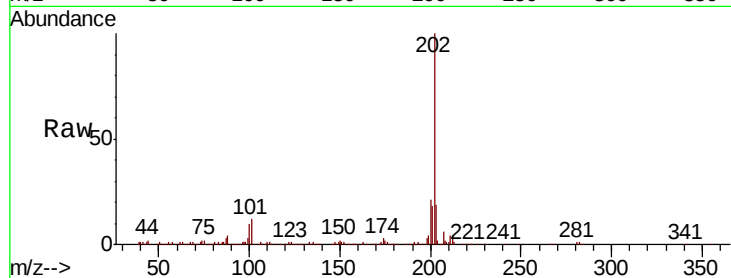
Tot Ion:202 Resp: 457932

Ion Ratio Lower Upper

202 100

101 11.8 9.8 14.6

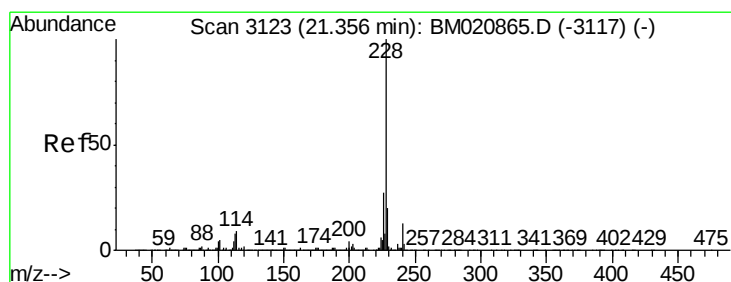
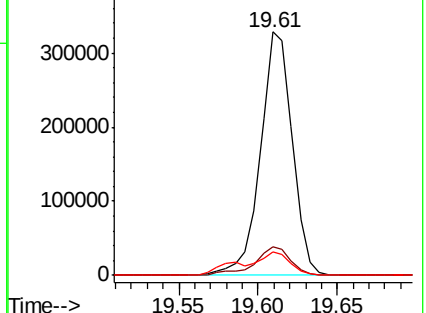
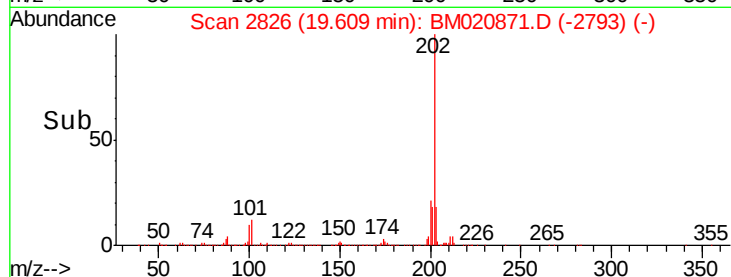
100 9.7 8.0 12.0



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: 2.918 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BM020871.D

Acq: 11 Jun 2019 13:08

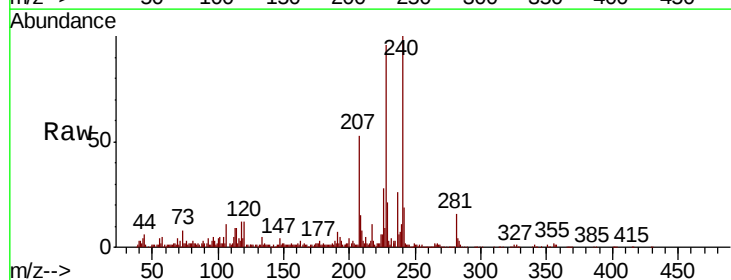
Tgt Ion:228 Resp: 205848

Ion Ratio Lower Upper

228 100

229 21.6 15.6 23.4

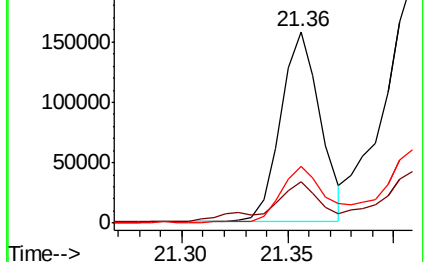
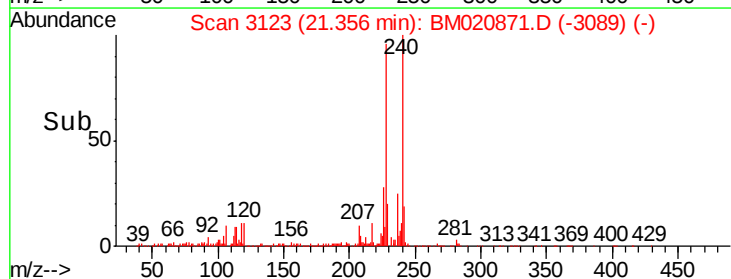
226 29.5 21.4 32.2

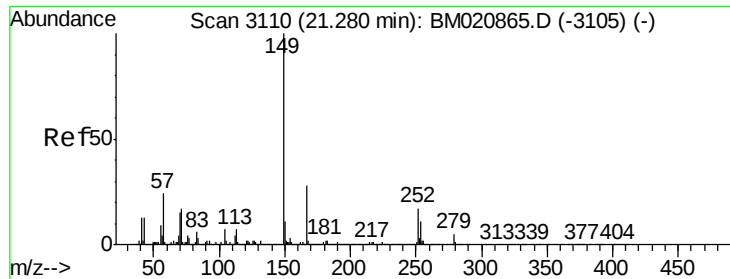


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

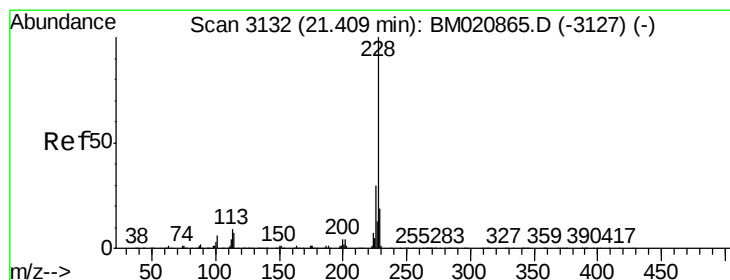
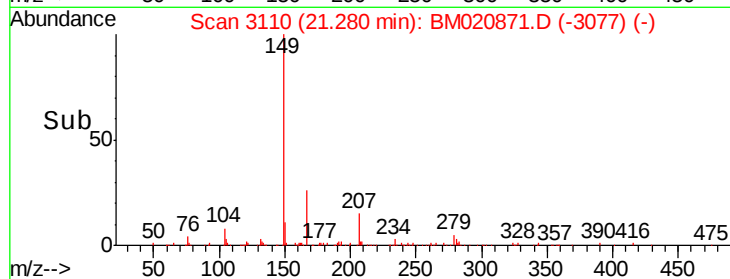
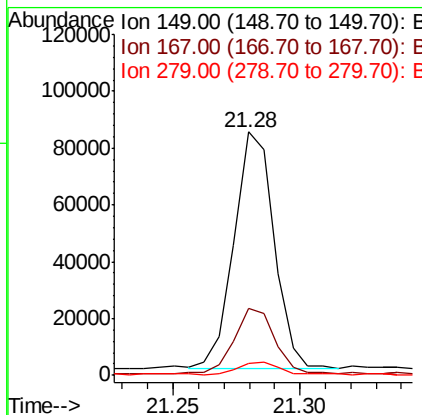
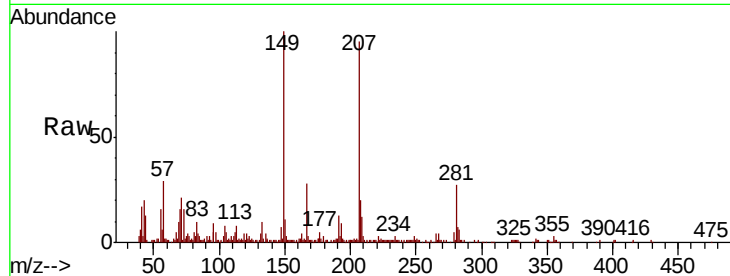




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.909 ng/ul
 RT: 21.28 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM020871.D
 Acq: 11 Jun 2019 13:08

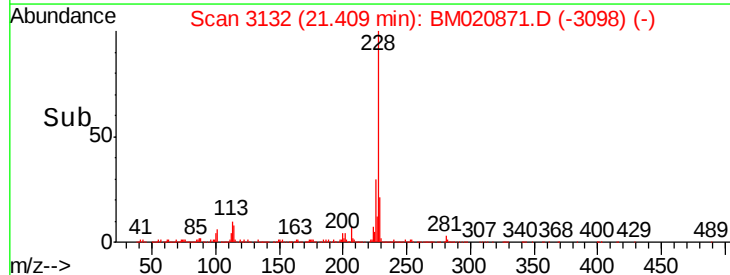
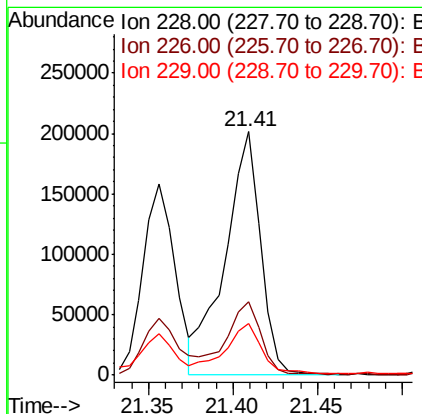
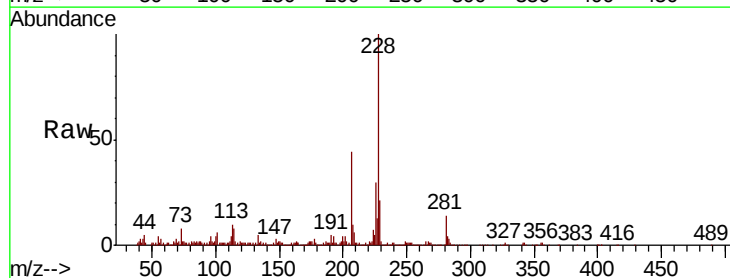
Instrument :
 BNA_M
 ClientSampleId :
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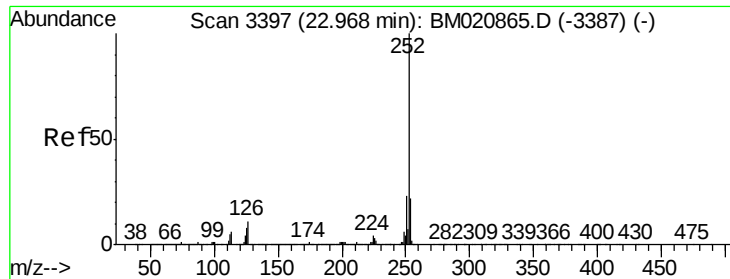
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.9	32.9
279	4.9	4.1	6.1



#84
 Chrysene
 Concen: 4.476 ng/ul
 RT: 21.41 min Scan# 3132
 Delta R.T. -0.00 min
 Lab File: BM020871.D
 Acq: 11 Jun 2019 13:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	21.1	16.2	24.2





#87

Benzo(b)fluoranthene

Concen: 6.007 ng/ul

RT: 22.97 min Scan# 3397

Delta R.T. -0.00 min

Lab File: BM020871.D

Acq: 11 Jun 2019 13:08

Instrument :

BNA_M

ClientSampleId :

A51G0

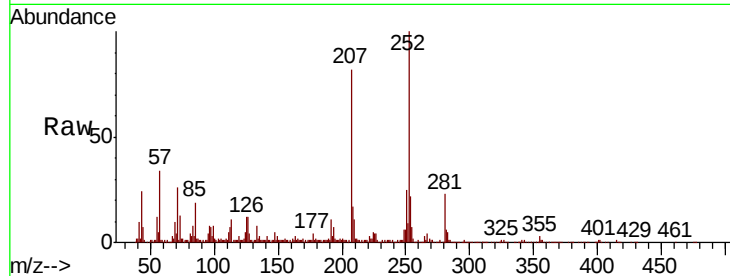
Tot Ion:252 Resp: 456826

Ion Ratio Lower Upper

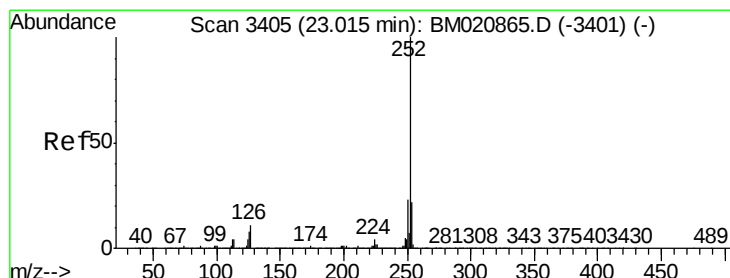
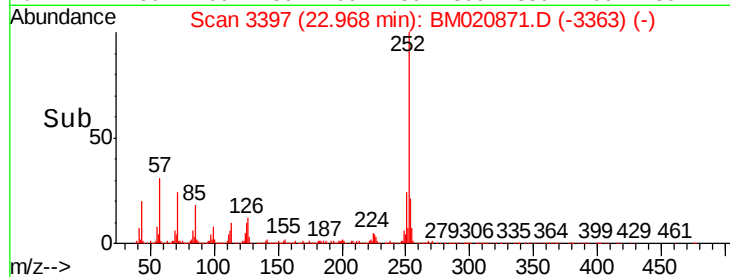
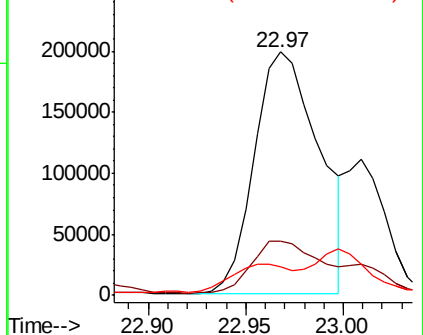
252 100

253 22.2 17.6 26.4

125 11.5 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: 2.092 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.01 min

Lab File: BM020871.D

Acq: 11 Jun 2019 13:08

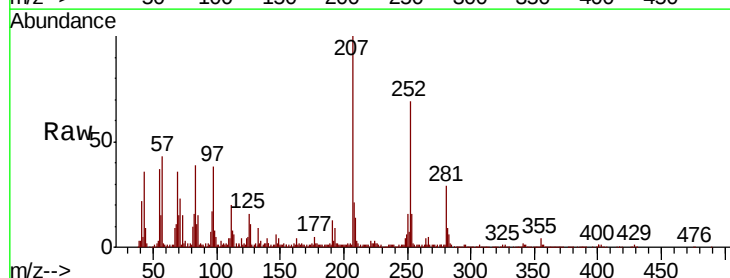
Tgt Ion:252 Resp: 152108

Ion Ratio Lower Upper

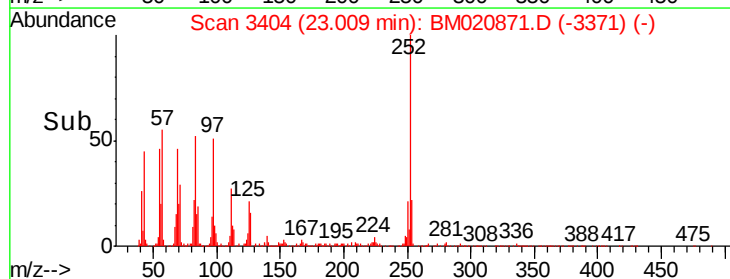
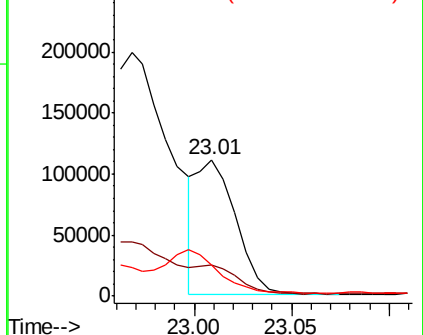
252 100

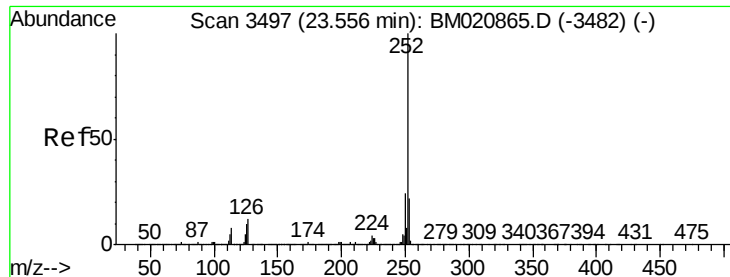
253 22.9 17.6 26.4

125 23.2 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: 3.713 ng/ul

RT: 23.56 min Scan# 3497

Delta R.T. -0.00 min

Lab File: BM020871.D

Acq: 11 Jun 2019 13:08

Instrument :

BNA_M

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A51G0

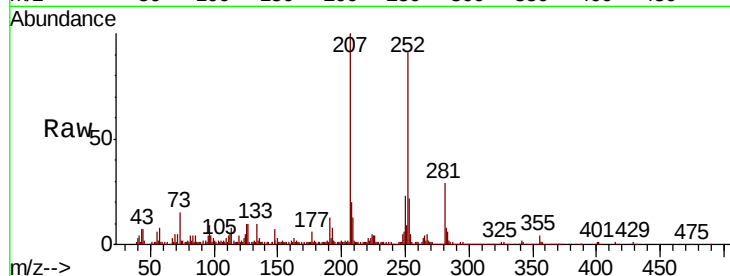
Tot Ion:252 Resp: 268615

Ion Ratio Lower Upper

252 100

253 23.7 17.0 25.6

125 10.5 8.2 12.4

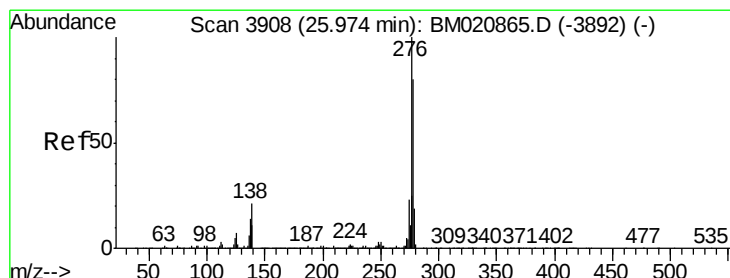
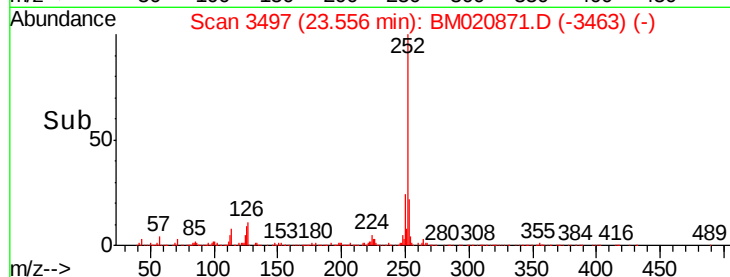
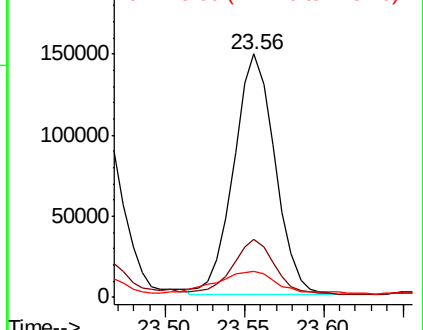


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.764 ng/ul

RT: 25.96 min Scan# 3906

Delta R.T. -0.01 min

Lab File: BM020871.D

Acq: 11 Jun 2019 13:08

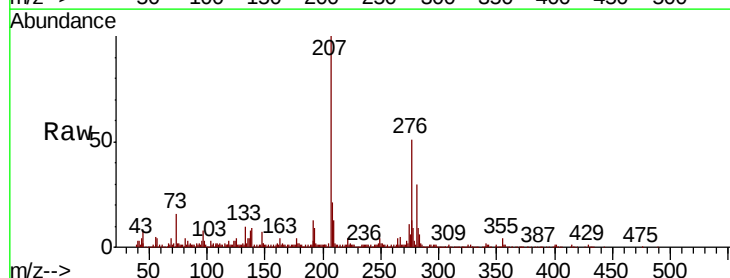
Tgt Ion:276 Resp: 236215

Ion Ratio Lower Upper

276 100

138 17.9 17.8 26.8

277 24.7 20.0 30.0

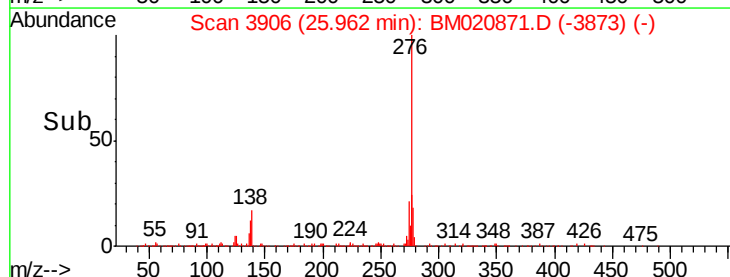
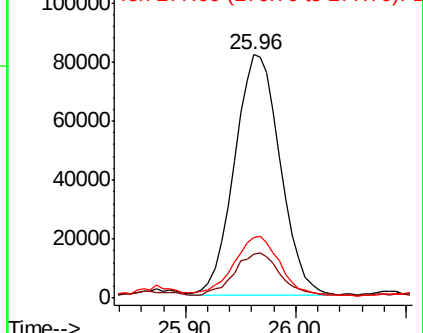


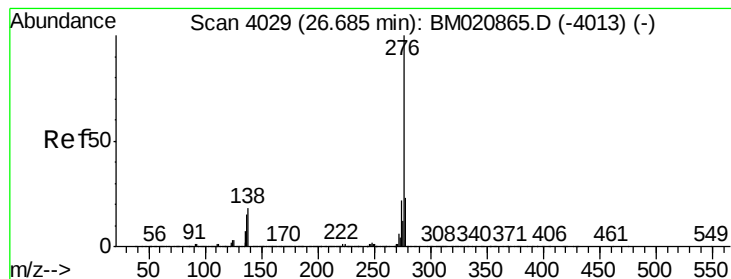
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 3.136 ng/ul

RT: 26.67 min Scan# 4027

Delta R.T. -0.01 min

Lab File: BM020871.D

Acq: 11 Jun 2019 13:08

Instrument :

BNA_M

ClientSampleId :

A51G0

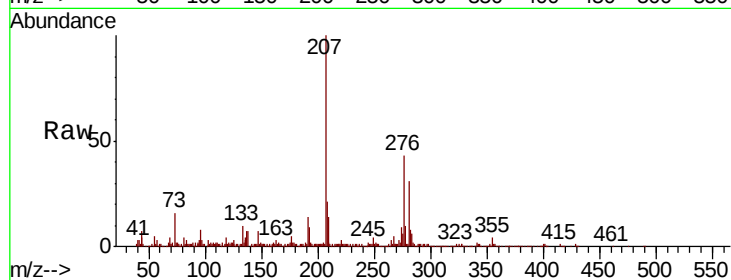
Tot Ion:276 Resp: 217440

Ion Ratio Lower Upper

276 100

138 16.6 16.6 25.0#

277 22.9 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

