

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024914.D
 Acq On : 17 Feb 2020 19:53
 Operator : CG/JU
 Sample : L1323-02DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 18 00:34:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 15 06:02:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	291650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1008116	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	600463	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1297631	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1463807	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1580349	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	4523	0.75	ng/uL	0.00
5) Phenol-d5	6.59	99	52564	2.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	38287	3.50	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	48585	2.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	15947	0.98	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	21717	2.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	21587	2.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	36755	2.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	4458	0.27	ng/ul	0.02
44) Dimethylphthalate-d6	13.46	166	159677	3.52	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	188060	3.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.25	143	120	0.02	ng/ul	-0.02
58) Fluorene-d10	15.04	176	147445	3.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	14859	1.76	ng/ul	0.00
71) Anthracene-d10	16.89	188	215750	3.64	ng/ul	0.00
79) Pyrene-d10	19.20	212	271922	3.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1580349	19.91	ng/ul	0.12

Target Compounds

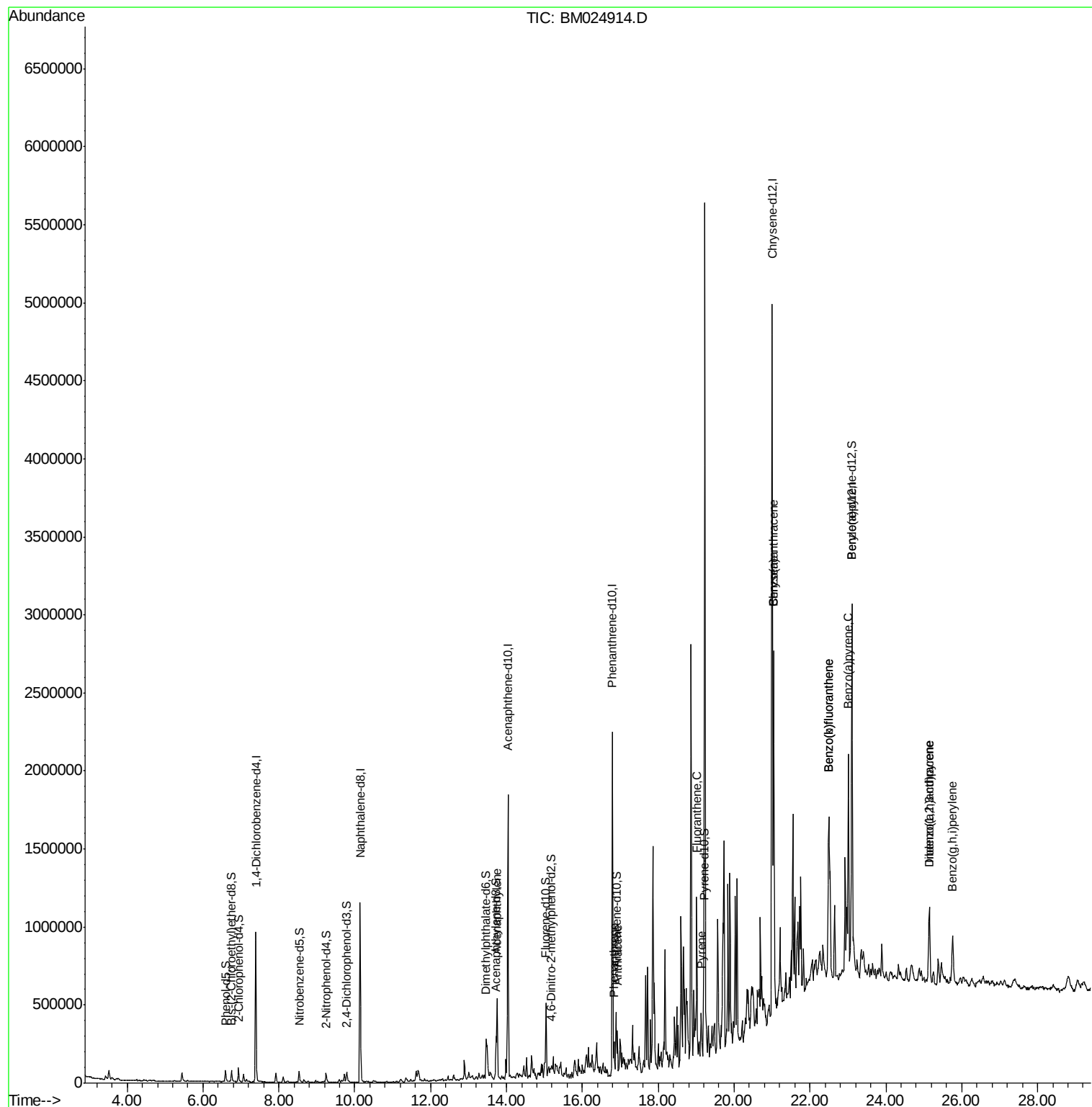
					Ovalue
48) Acenaphthylene	13.75	152	375851	6.855	ng/ul 98
70) Phenanthrene	16.83	178	127514	1.802	ng/ul 98
72) Anthracene	16.93	178	180087	2.510	ng/ul 99
77) Fluoranthene	19.02	202	562750	6.479	ng/ul 98
80) Pyrene	19.13	202	167652	1.730	ng/ul 97
83) Benzo(a)anthracene	21.04	228	1298087	13.165	ng/ul 96
85) Chrysene	21.04	228	1298736	13.379	ng/ul 99
88) Benzo(b)fluoranthene	22.50	252	950570	9.459	ng/ul# 98
89) Benzo(k)fluoranthene	22.50	252	950570	9.828	ng/ul# 98
91) Benzo(a)pyrene	23.02	252	918508	10.195	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.14	276	400311	3.569	ng/ul 99
93) Dibenzo(a,h)anthracene	25.16	278	137228	1.436	ng/ul 93
94) Benzo(g,h,i)perylene	25.76	276	347854	3.729	ng/ul 95

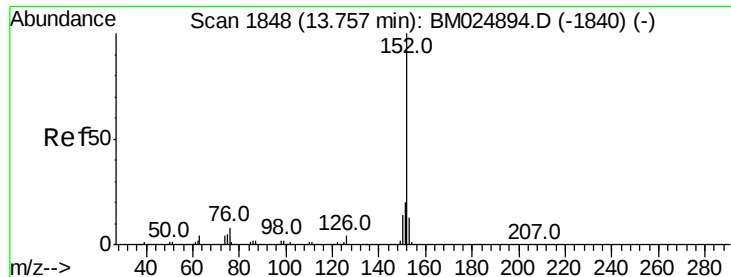
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024914.D
Acq On : 17 Feb 2020 19:53
Operator : CG/JU
Sample : L1323-02DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 18 00:34:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 06:02:17 2020
Response via : Initial Calibration





#48

Acenaphthylene

Concen: 6.855 ng/ul

RT: 13.75 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

Instrument :

BNA_M

ClientSampleId :

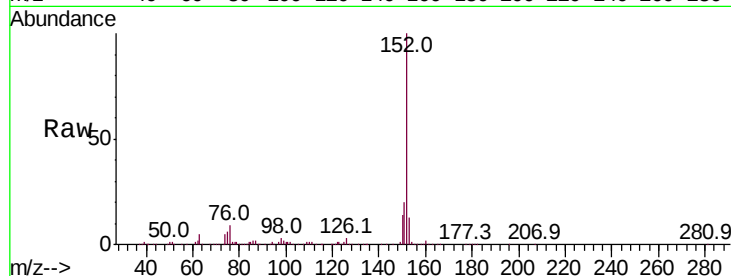
Tot Ion:152 Resp: 375851

Ion Ratio Lower Upper

152 100

151 19.8 15.1 22.7

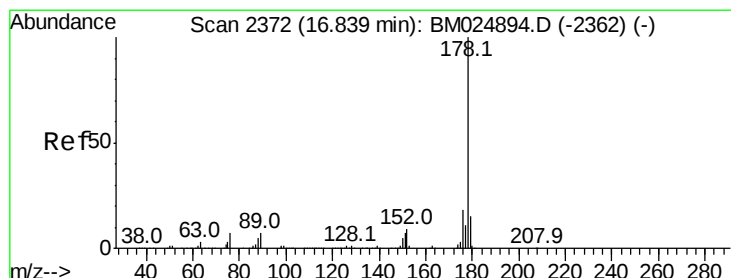
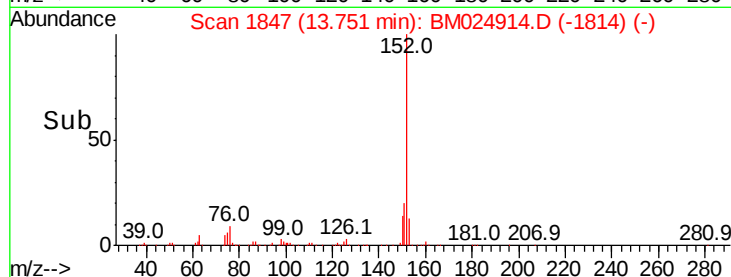
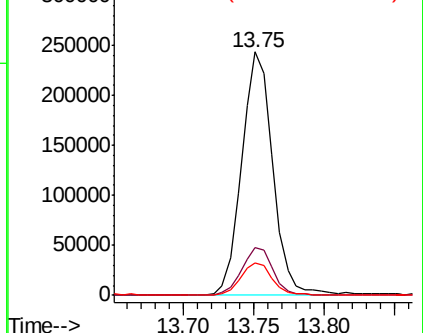
153 13.3 10.1 15.1



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



#70

Phenanthrene

Concen: 1.802 ng/ul

RT: 16.83 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

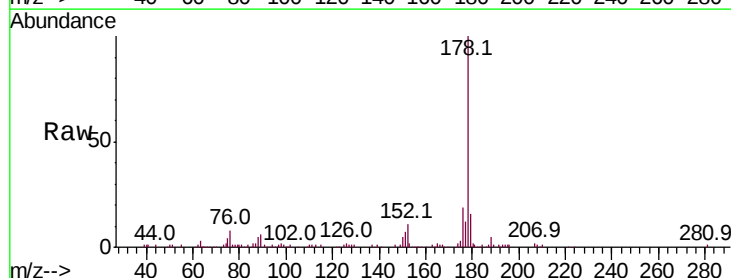
Tgt Ion:178 Resp: 127514

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.2

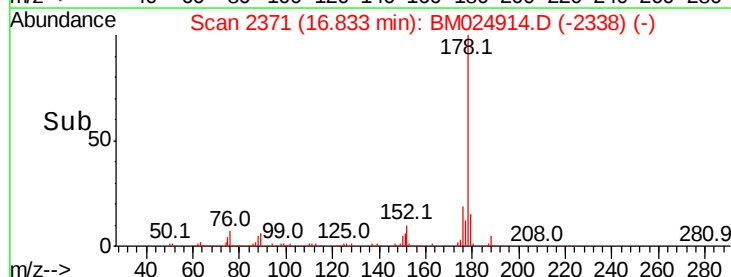
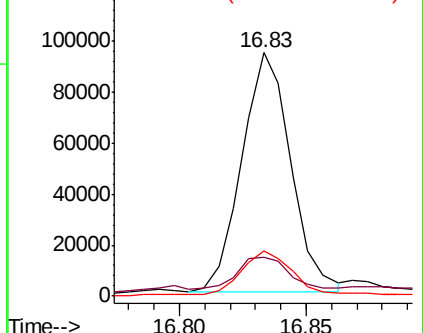
176 18.8 14.5 21.7

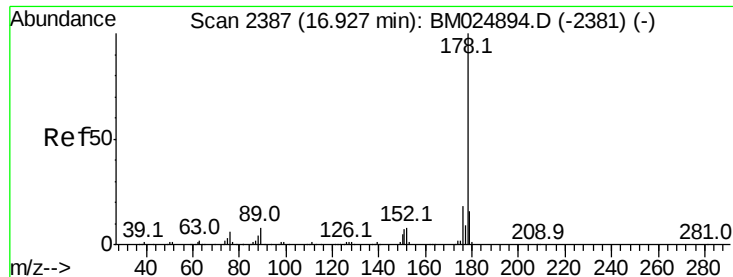


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 2.510 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

Instrument :

BNA_M

ClientSampleId :

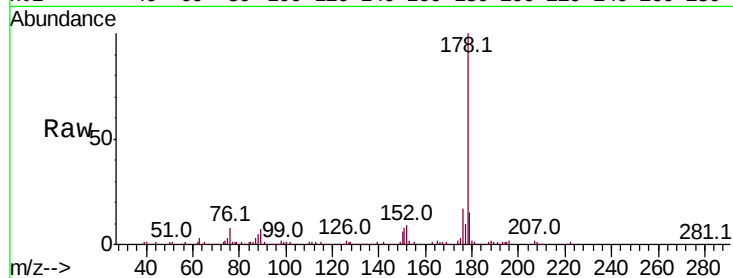
Tot Ion:178 Resp: 180087

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

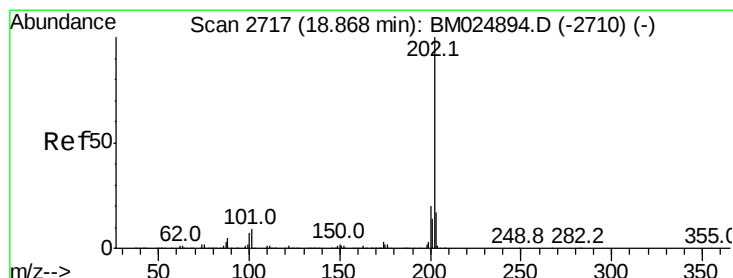
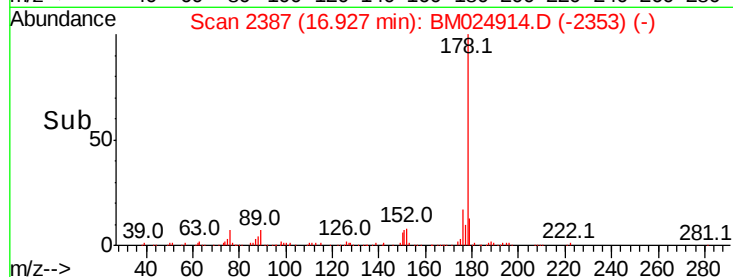
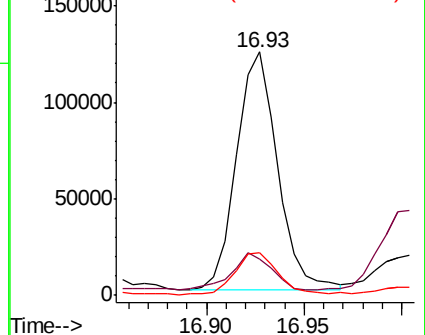
176 17.3 14.1 21.1



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: 6.479 ng/ul

RT: 19.02 min Scan# 2742

Delta R.T. 0.15 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

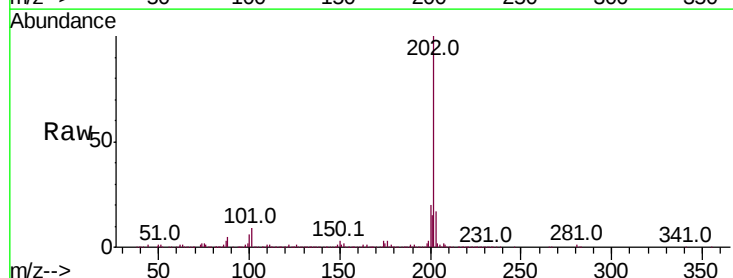
Tgt Ion:202 Resp: 562750

Ion Ratio Lower Upper

202 100

101 8.8 6.1 9.1

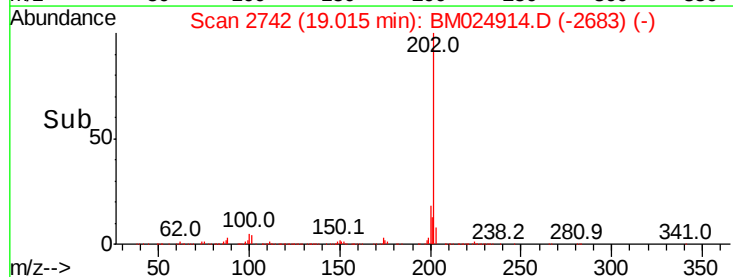
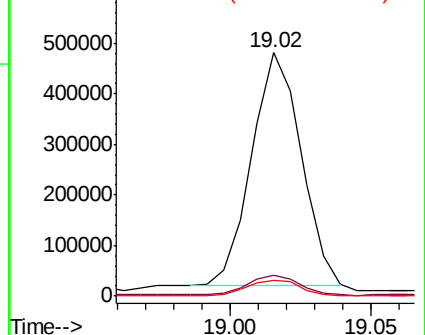
100 6.3 4.8 7.2

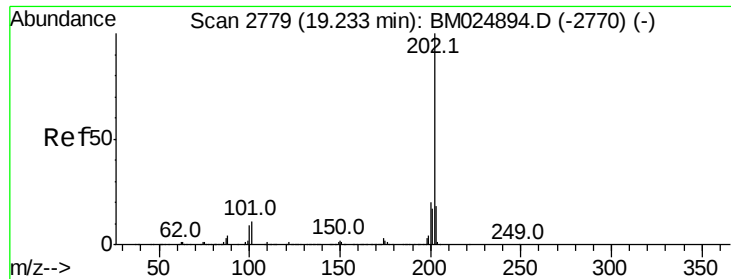


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

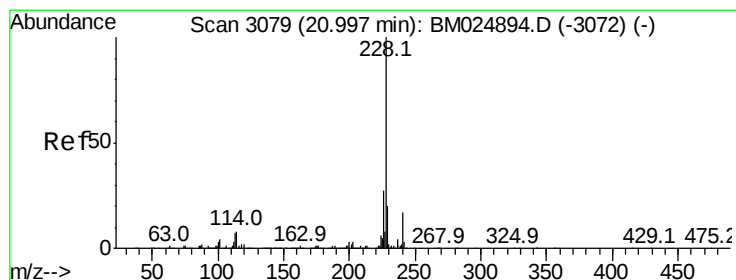
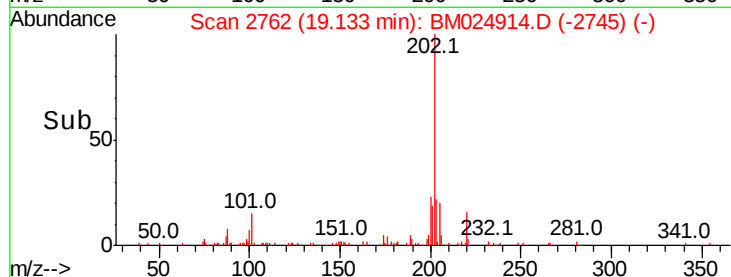
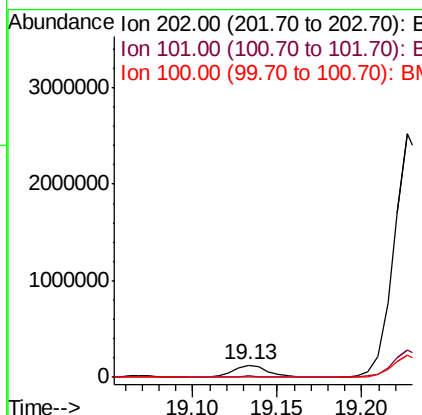
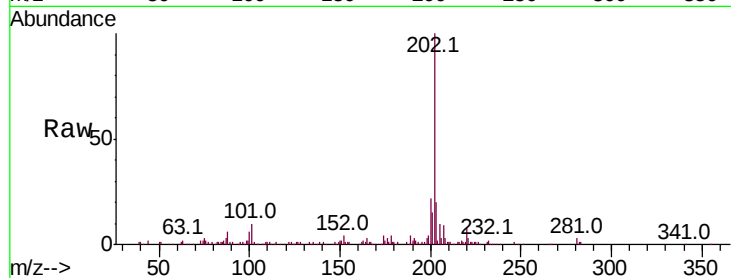




#80
Pvrene
Concen: 1.730 ng/ul
RT: 19.13 min Scan# 2762
Delta R.T. -0.10 min
Lab File: BM024914.D
Acq: 17 Feb 2020 19:53

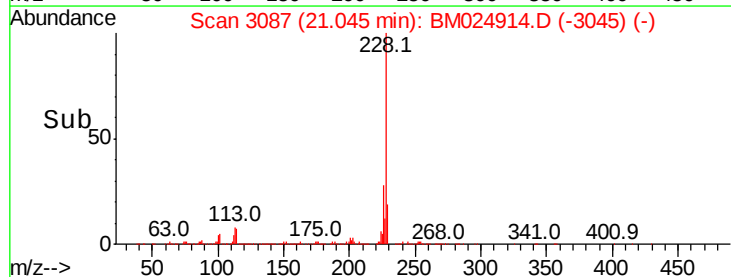
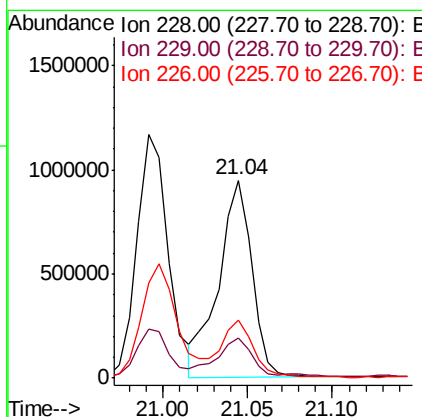
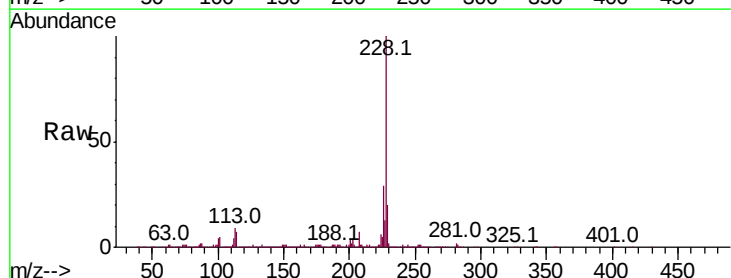
Instrument :
BNA_M
ClientSampleId :

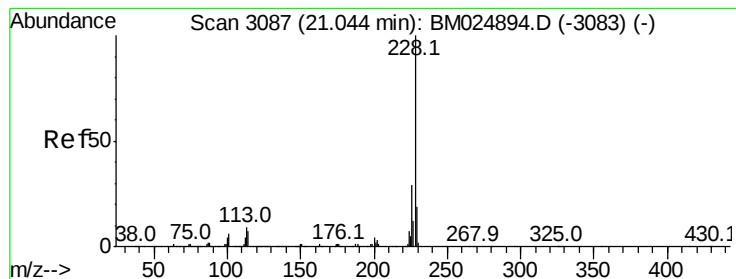
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.0	10.4
100	6.2	5.8	8.8



#83
Benzo(a)anthracene
Concen: 13.165 ng/ul
RT: 21.04 min Scan# 3087
Delta R.T. 0.05 min
Lab File: BM024914.D
Acq: 17 Feb 2020 19:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	29.1	20.8	31.2





#85

Chrysene

Concen: 13.379 ng/ul

RT: 21.04 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

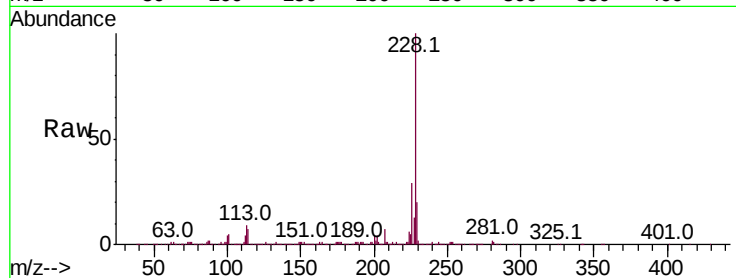
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1298736

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	20.4	15.8	23.8

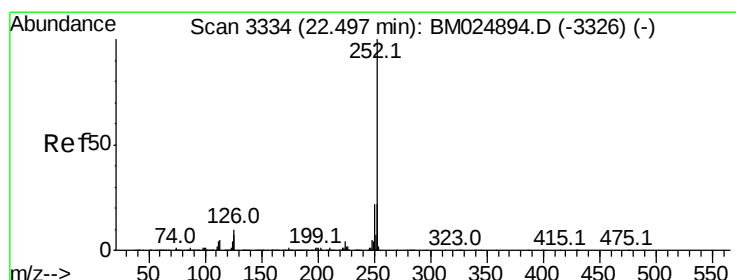
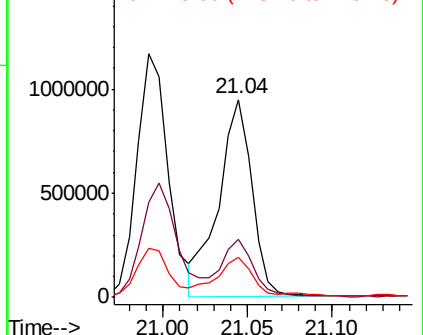
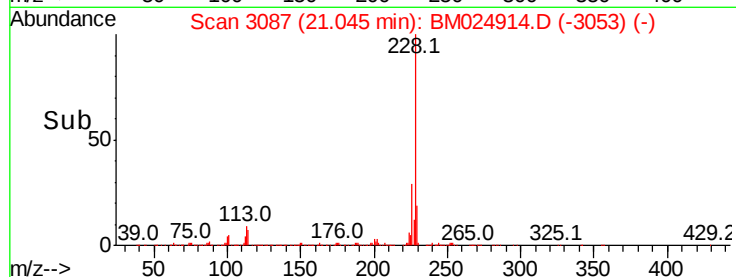


Abundance

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: 9.459 ng/ul

RT: 22.50 min Scan# 3334

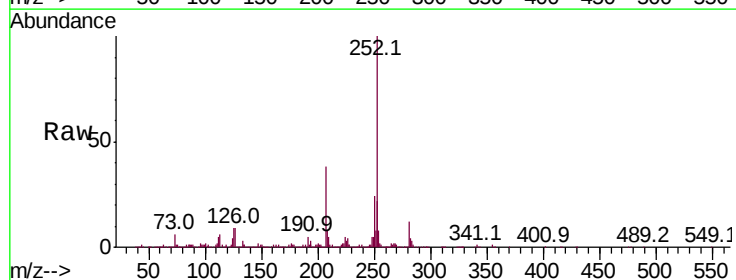
Delta R.T. 0.00 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

Tgt Ion:252 Resp: 950570

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	9.0	5.1	7.7#

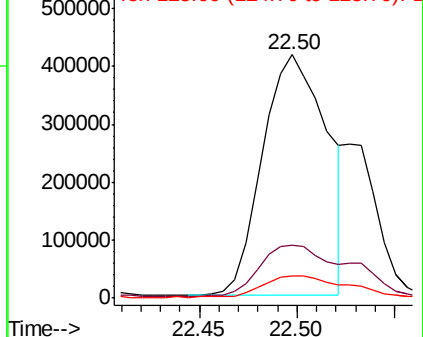
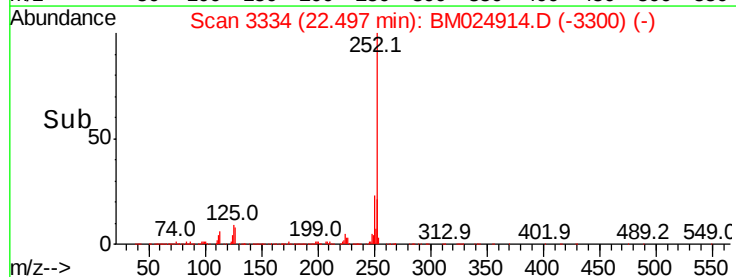


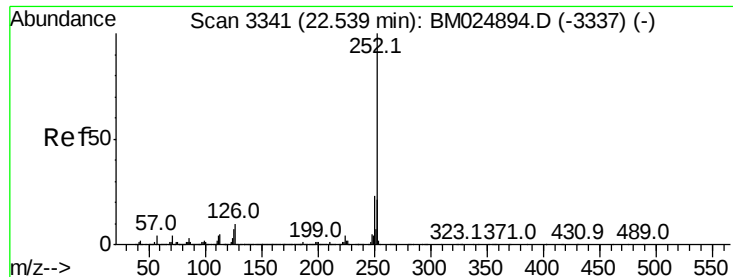
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 9.828 ng/ul

RT: 22.50 min Scan# 3334

Delta R.T. -0.04 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

Instrument :

BNA_M

ClientSampleId :

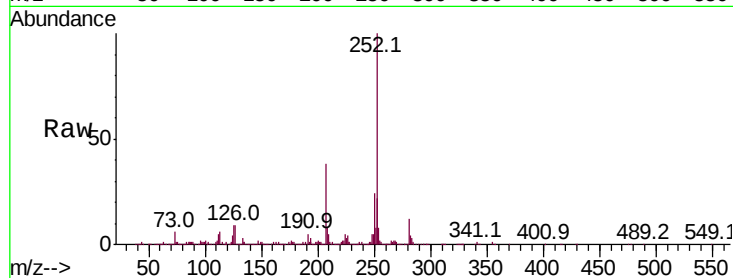
Tot Ion:252 Resp: 950570

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

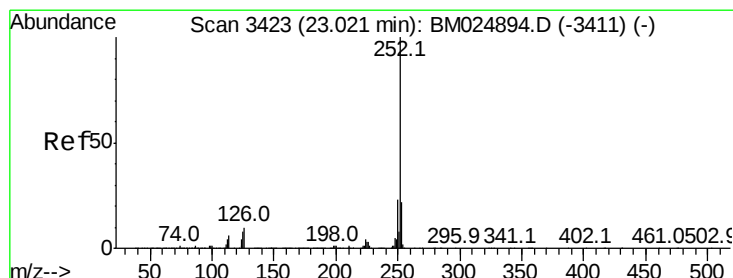
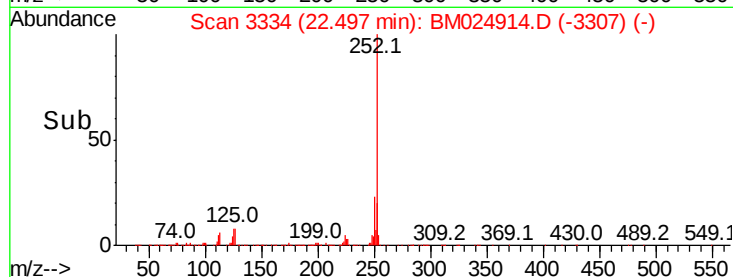
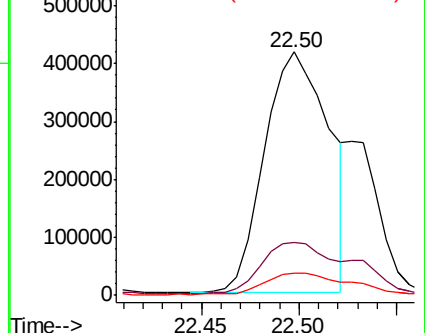
125 9.0 5.1 7.7#



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: 10.195 ng/ul

RT: 23.02 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

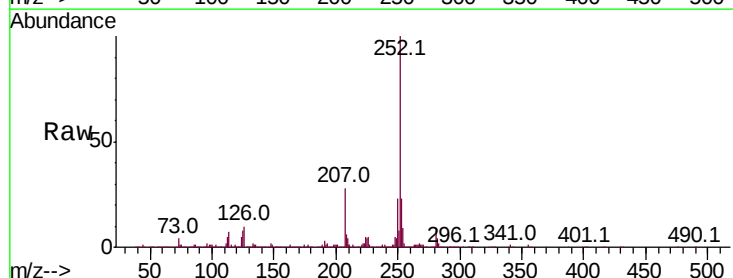
Tgt Ion:252 Resp: 918508

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

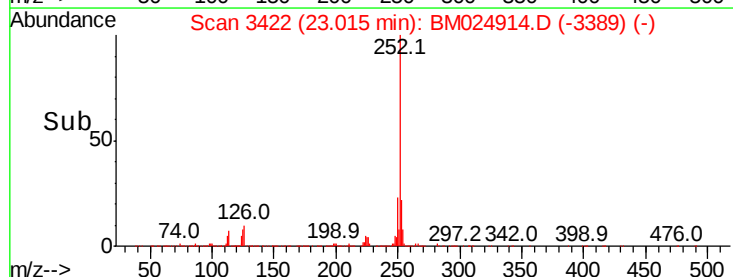
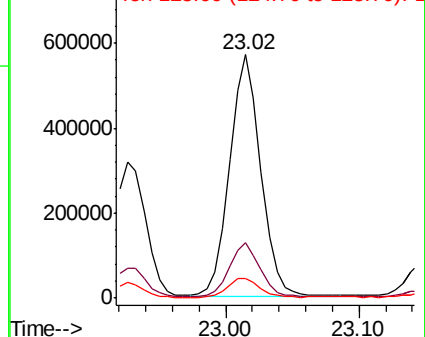
125 8.3 5.6 8.4

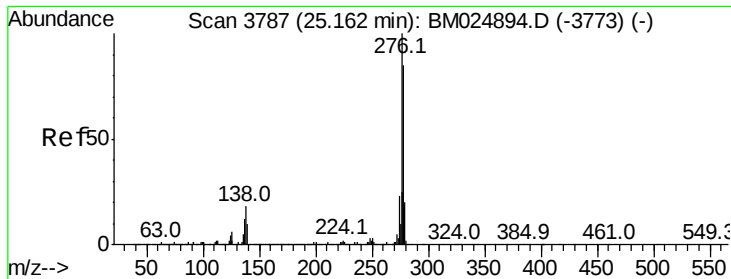


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



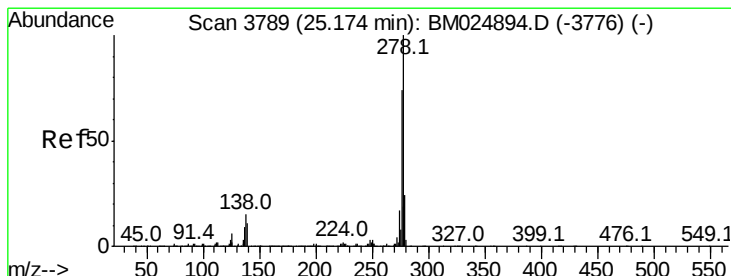
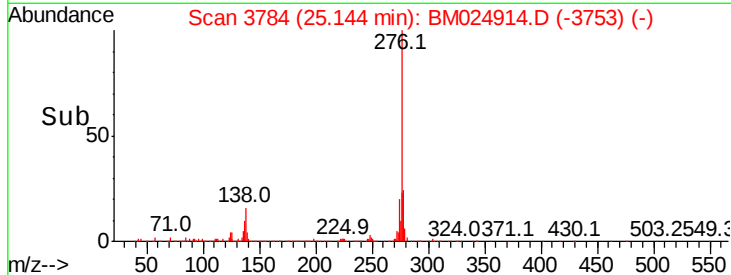
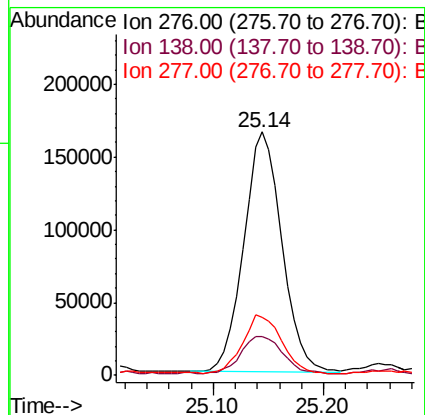
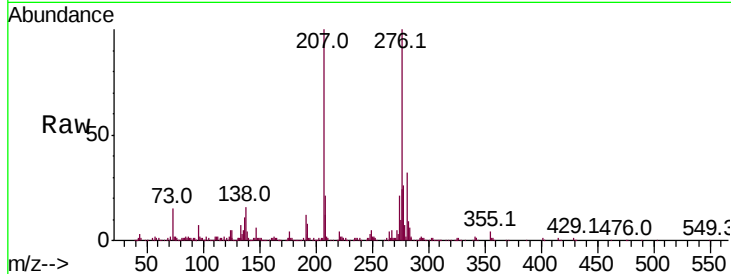


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.569 ng/ul
RT: 25.14 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BM024914.D
Acq: 17 Feb 2020 19:53

Instrument :
BNA_M
ClientSampleId :

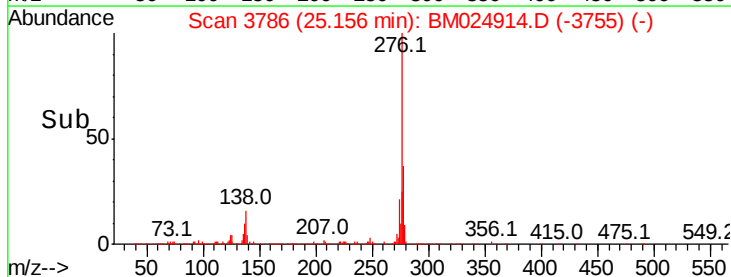
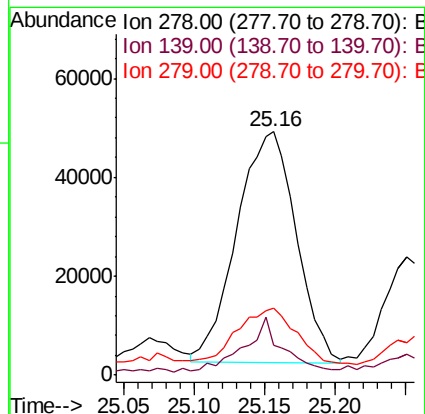
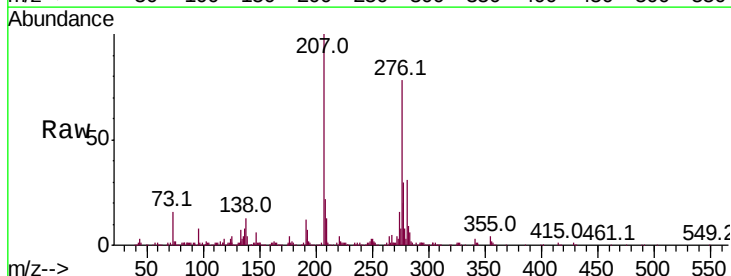
Tot Ion:276 Resp: 400311
Ion Ratio Lower Upper
276 100
138 15.9 12.8 19.2
277 23.7 19.3 28.9

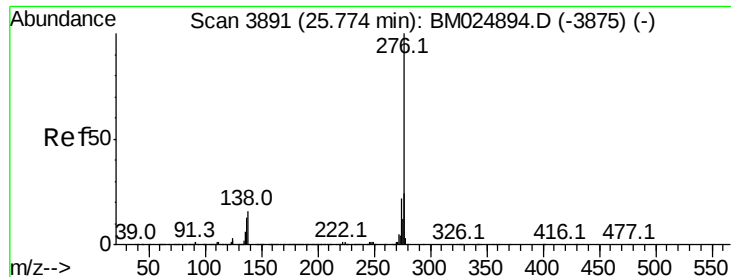


#93

Dibenzo(a,h)anthracene
Concen: 1.436 ng/ul
RT: 25.16 min Scan# 3786
Delta R.T. -0.02 min
Lab File: BM024914.D
Acq: 17 Feb 2020 19:53

Tgt Ion:278 Resp: 137228
Ion Ratio Lower Upper
278 100
139 12.2 8.4 12.6
279 27.3 18.5 27.7





#94

Benzo(a,h,i)perylene

Concen: 3.729 ng/ul

RT: 25.76 min Scan# 3889

Delta R.T. -0.01 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

Instrument :

BNA_M

ClientSampleId :

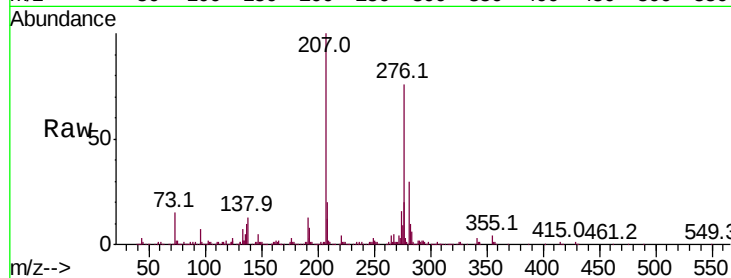
Tot Ion:276 Resp: 347854

Ion Ratio Lower Upper

276 100

138 17.1 11.8 17.6

277 25.8 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

