

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022934.D
 Acq On : 04 Oct 2019 00:02
 Operator : JU
 Sample : K4988-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 04 01:24:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	209085	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.59	136	912132	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	550199	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1120654	20.00	ng/ul	-0.02
78) Chrysene-d12	21.34	240	909695	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	877894	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	15141	3.13	ng/uL	0.00
5) Phenol-d5	6.96	99	302967	16.40	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	190269	18.82	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	273921	18.41	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	209840	13.87	ng/ul	-0.02
19) Nitrobenzene-d5	8.95	128	137941	19.59	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.67	143	150382	19.56	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	288261	18.83	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	262940	14.14	ng/ul	-0.02
44) Dimethylphthalate-d6	13.84	166	861780	20.18	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1030562	20.90	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	97874	11.60	ng/ul	-0.01
58) Fluorene-d10	15.42	176	771931	21.21	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.54	200	85748	11.76	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1185590	21.66	ng/ul	-0.02
79) Pyrene-d10	19.56	212	1329559	27.16	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.46	264	1023649	22.54	ng/ul	-0.04

Target Compounds

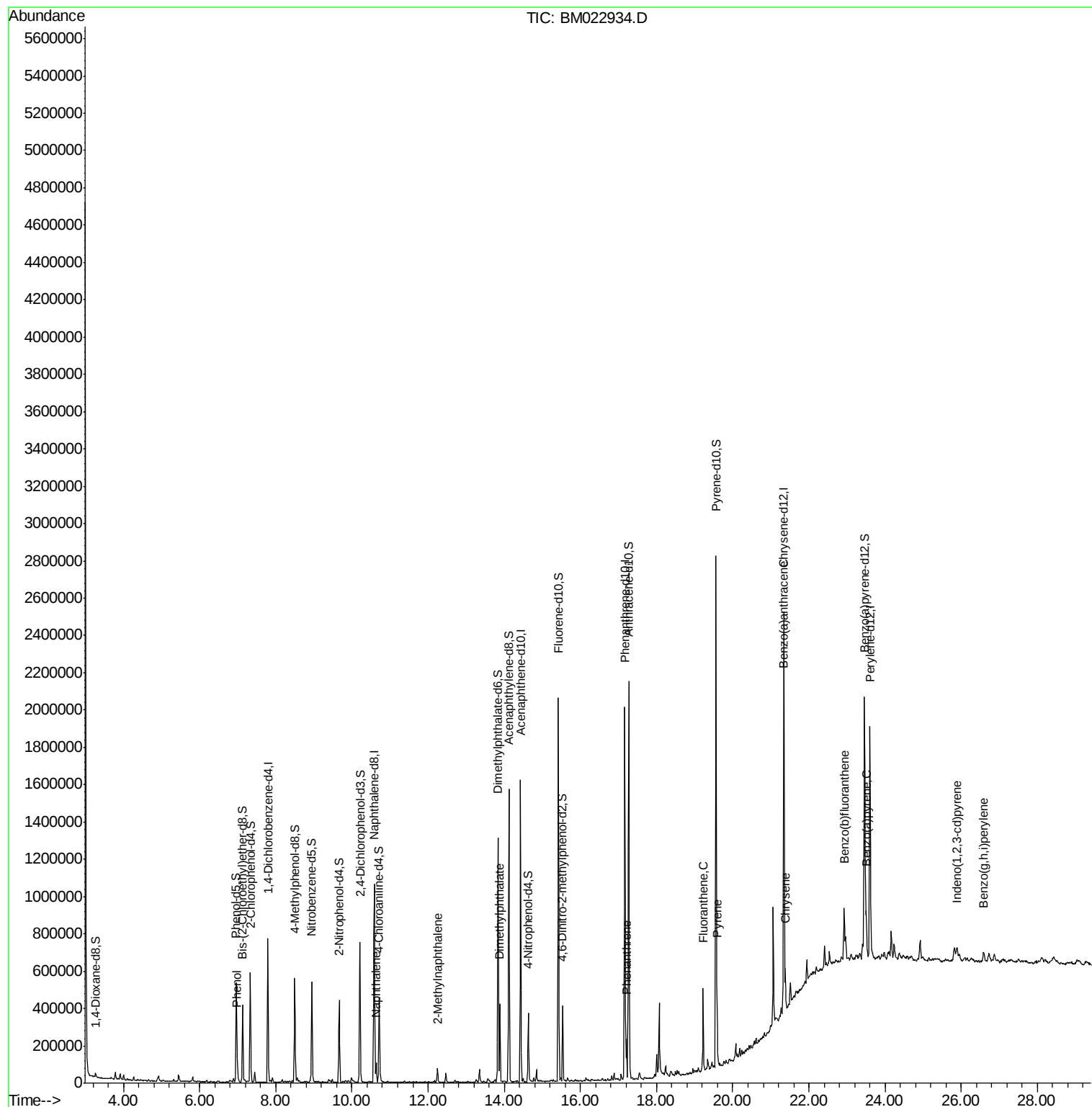
					Ovalue
6) Phenol	6.99	94	62722	3.239 ng/ul	96
28) Naphthalene	10.63	128	82376	1.672 ng/ul	99
34) 2-Methylnaphthalene	12.25	142	37951	1.028 ng/ul	96
45) Dimethylphthalate	13.89	163	270994	6.178 ng/ul	100
70) Phenanthrene	17.21	178	123003	1.839 ng/ul	99
77) Fluoranthene	19.22	202	253997	3.377 ng/ul	98
80) Pyrene	19.59	202	227260	3.524 ng/ul	98
83) Benzo(a)anthracene	21.33	228	107487	1.646 ng/ul	97
85) Chrysene	21.38	228	120419	2.000 ng/ul	98
88) Benzo(b)fluoranthene	22.93	252	127374	2.186 ng/ul#	91
91) Benzo(a)pyrene	23.51	252	86707	1.586 ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.90	276	61049	1.052 ng/ul	95
94) Benzo(g,h,i)perylene	26.59	276	63649	1.359 ng/ul	97

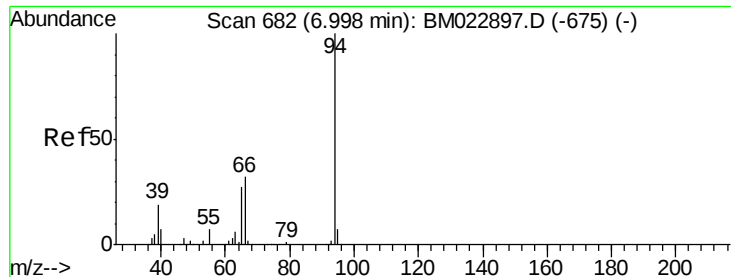
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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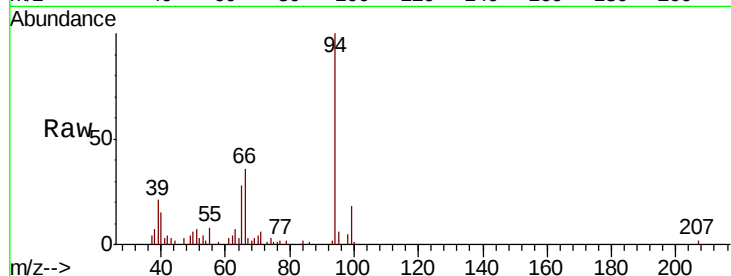
#6

Phenol

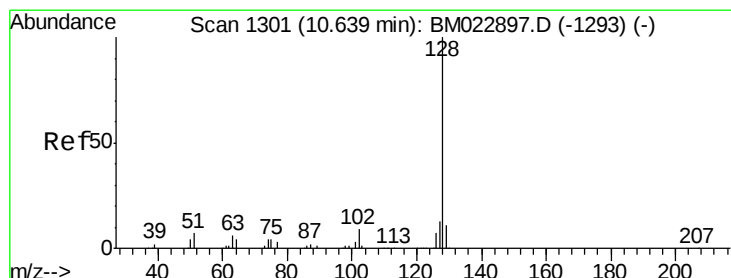
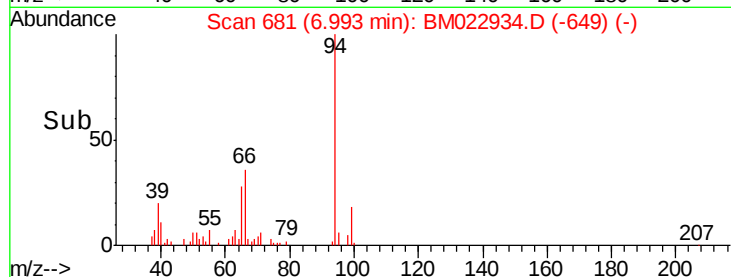
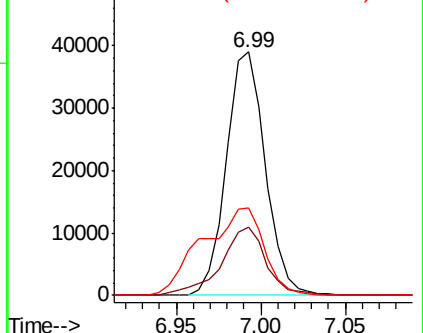
Concen: 3.239 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BM022934.D
 Acq: 04 Oct 2019 00:02

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 94 Resp: 62722
 Ion Ratio Lower Upper
 94 100
 65 28.2 20.9 31.3
 66 35.8 27.2 40.8



Abundance Ion 94.00 (93.70 to 94.70): BM022897.D (-675) (-)
 Ion 65.00 (64.70 to 65.70): BM022897.D (-675) (-)
 Ion 66.00 (65.70 to 66.70): BM022897.D (-675) (-)

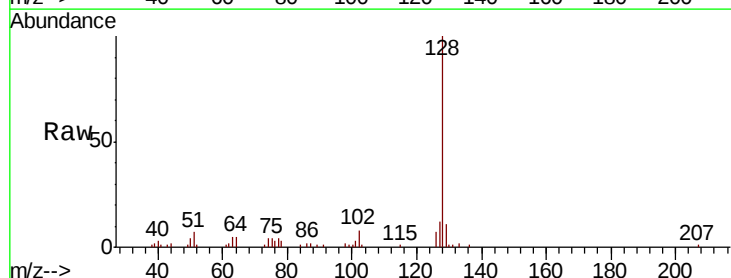


#28

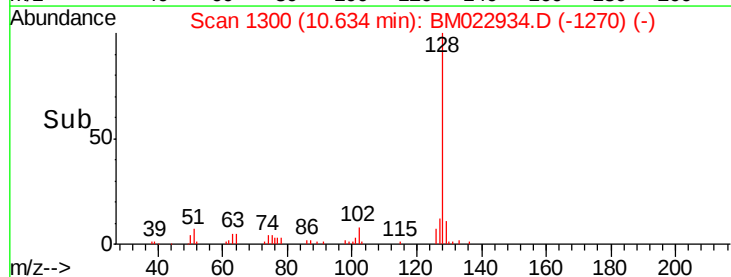
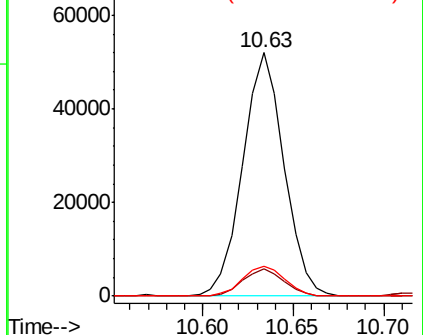
Naphthalene

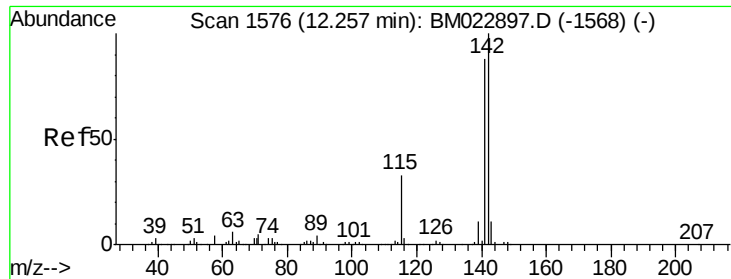
Concen: 1.672 ng/ul
 RT: 10.63 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BM022934.D
 Acq: 04 Oct 2019 00:02

Tgt Ion: 128 Resp: 82376
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.6 13.0
 127 12.1 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): BM022897.D (-1293) (-)
 Ion 129.00 (128.70 to 129.70): BM022897.D (-1293) (-)
 Ion 127.00 (126.70 to 127.70): BM022897.D (-1293) (-)

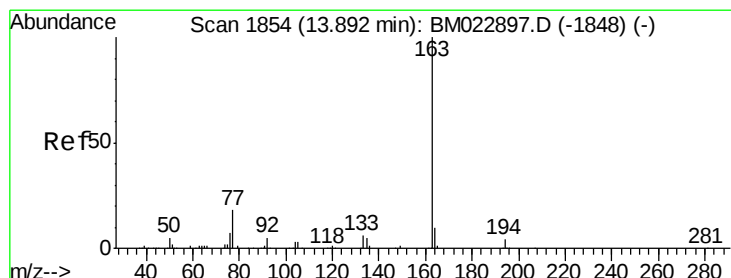
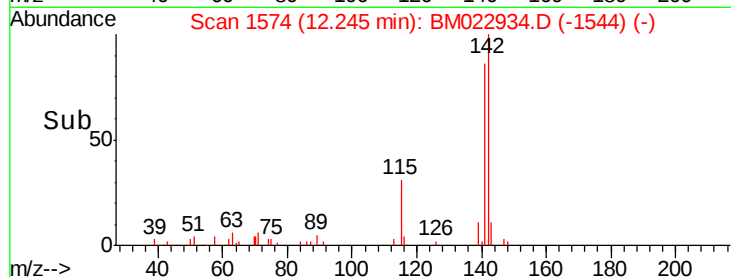
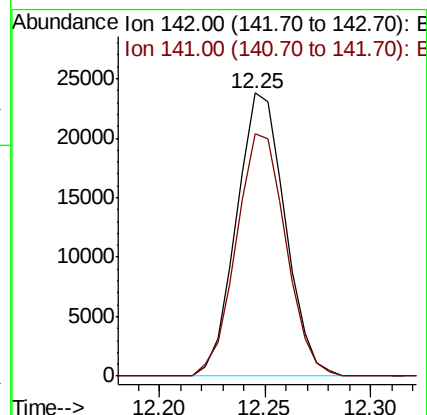
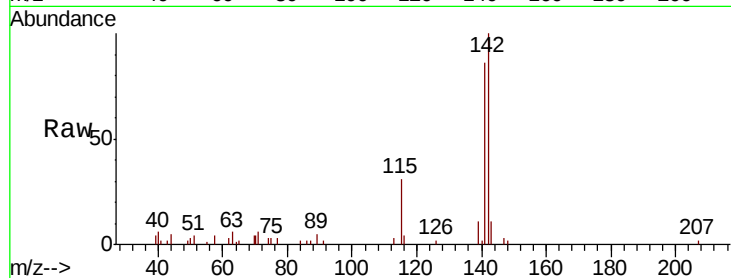




#34
2-Methylnaphthalene
Concen: 1.028 ng/ul
RT: 12.25 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BM022934.D
Acq: 04 Oct 2019 00:02

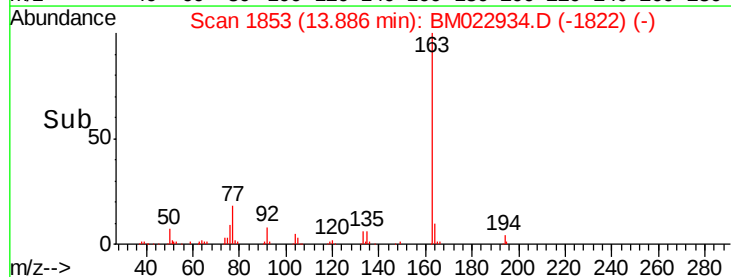
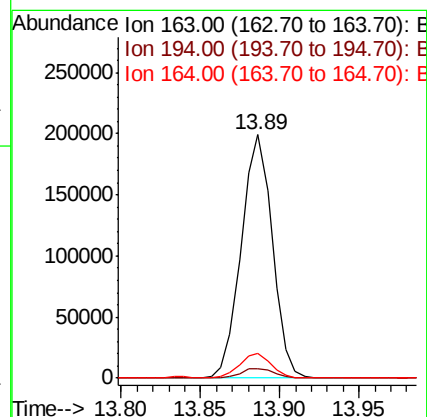
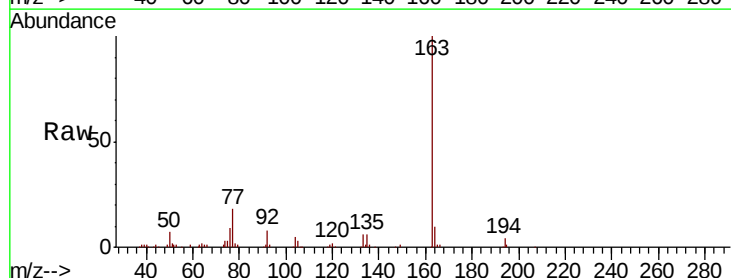
Instrument :
BNA_M
ClientSampleId :

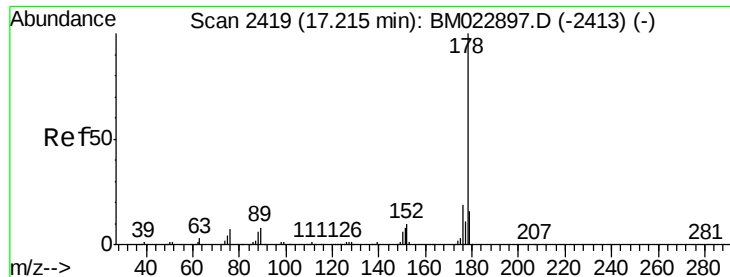
Tot Ion:142 Resp: 37951
Ion Ratio Lower Upper
142 100
141 85.7 71.2 106.8



#45
Dimethylphthalate
Concen: 6.178 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BM022934.D
Acq: 04 Oct 2019 00:02

Tgt Ion:163 Resp: 270994
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.1 12.1

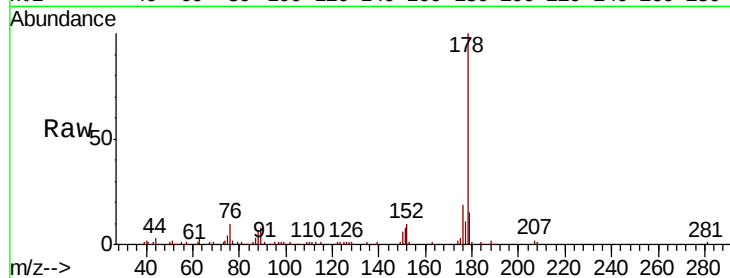




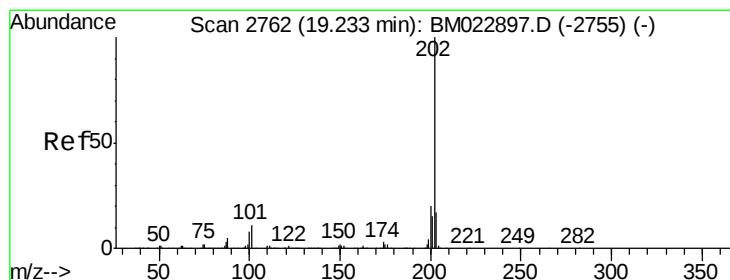
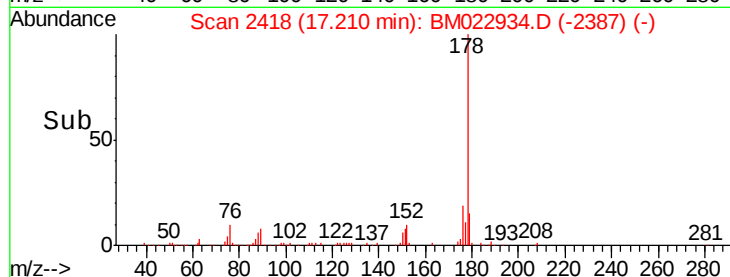
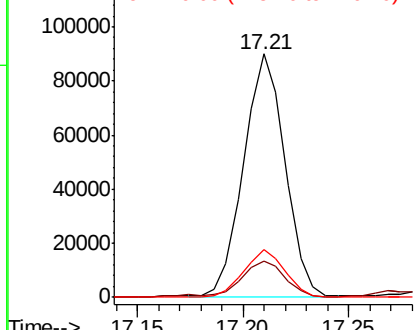
#70
Phenanthrene
Concen: 1.839 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BM022934.D
Acq: 04 Oct 2019 00:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 123003
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 19.5 15.3 22.9

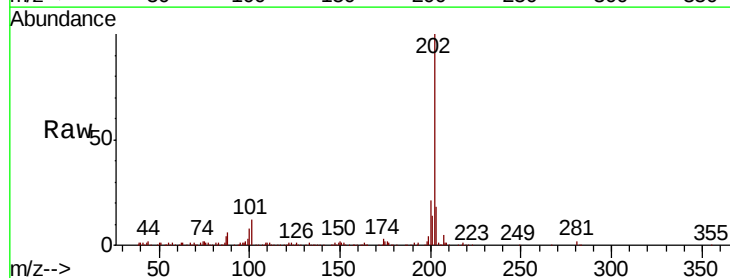


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

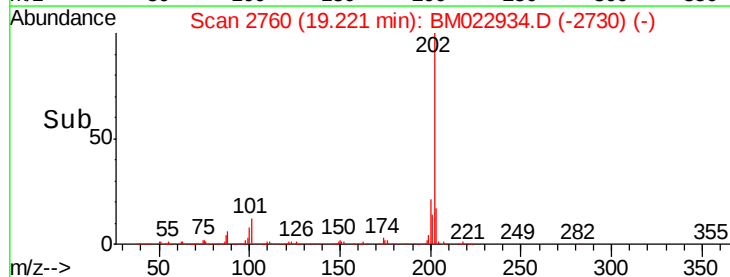
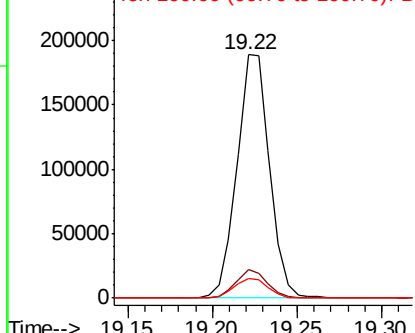


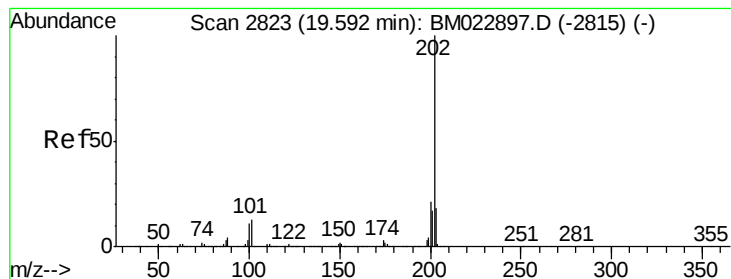
#77
Fluoranthene
Concen: 3.377 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BM022934.D
Acq: 04 Oct 2019 00:02

Tgt Ion:202 Resp: 253997
Ion Ratio Lower Upper
202 100
101 11.7 8.6 12.8
100 8.2 6.4 9.6



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: 3.524 ng/ul

RT: 19.59 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM022934.D

Acq: 04 Oct 2019 00:02

Instrument :

BNA_M

ClientSampleId :

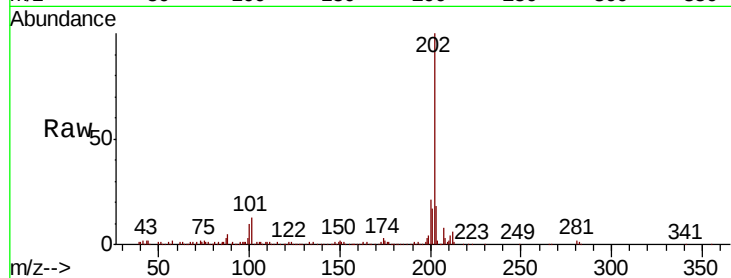
Tot Ion:202 Resp: 227260

Ion Ratio Lower Upper

202 100

101 12.9 9.7 14.5

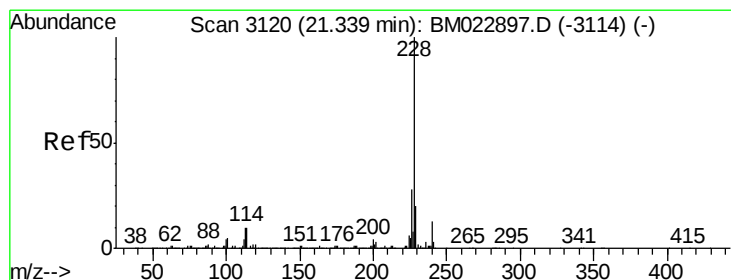
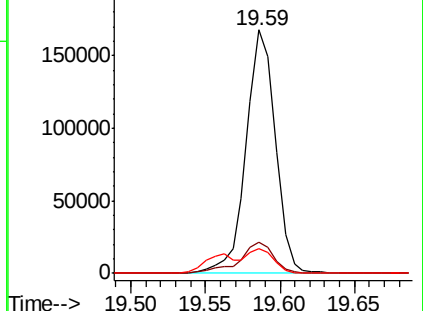
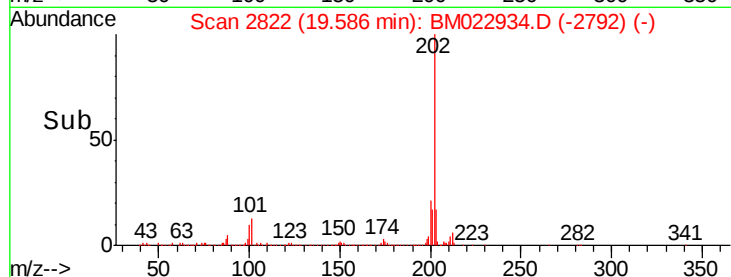
100 10.4 7.8 11.8



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: 1.646 ng/ul

RT: 21.33 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BM022934.D

Acq: 04 Oct 2019 00:02

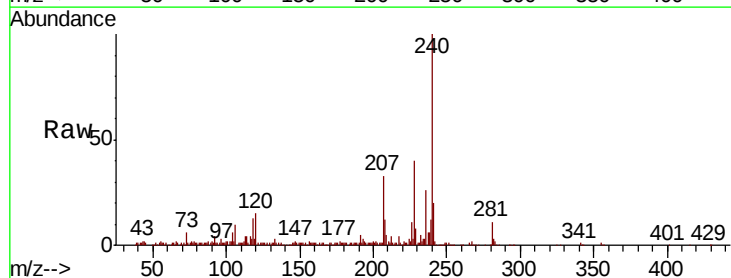
Tgt Ion:228 Resp: 107487

Ion Ratio Lower Upper

228 100

229 21.1 15.8 23.8

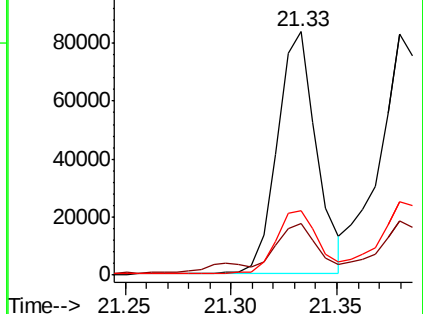
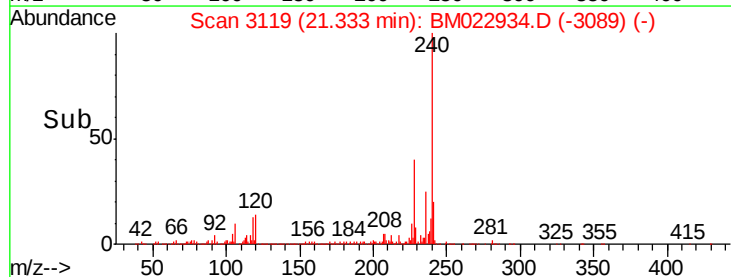
226 26.6 22.4 33.6

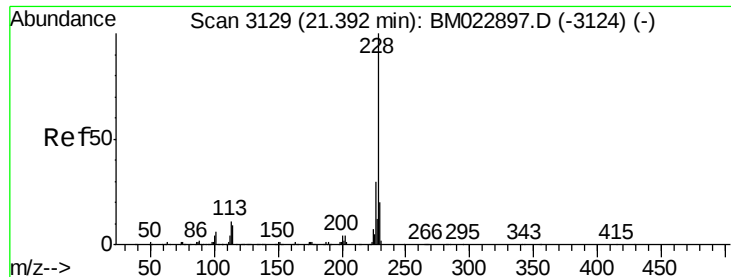


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

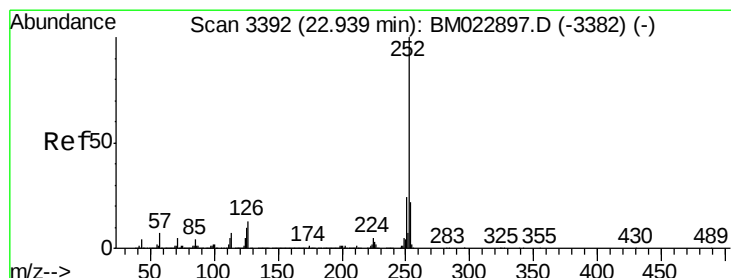
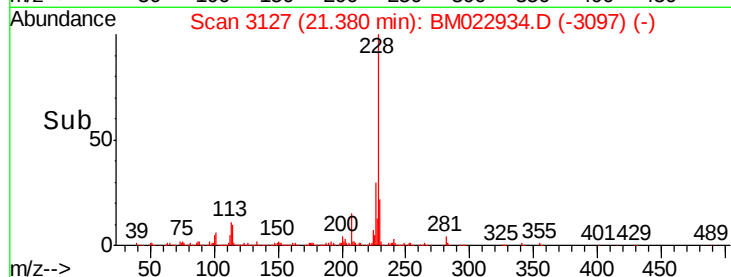
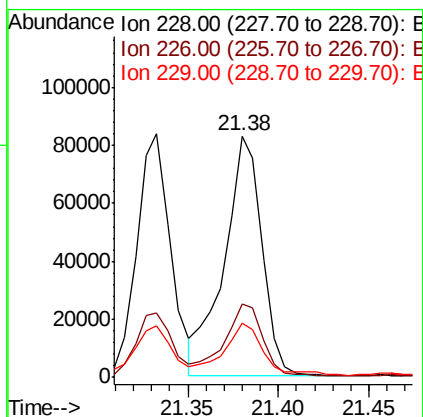
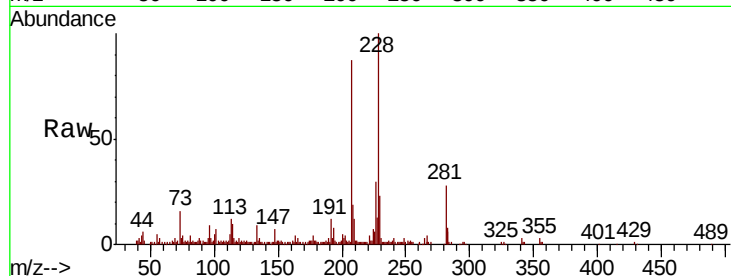




#85
Chrysene
Concen: 2.000 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM022934.D
Acq: 04 Oct 2019 00:02

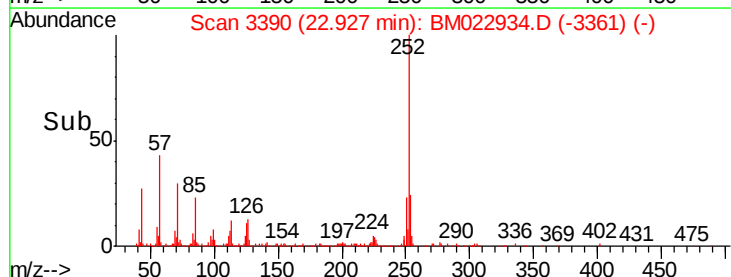
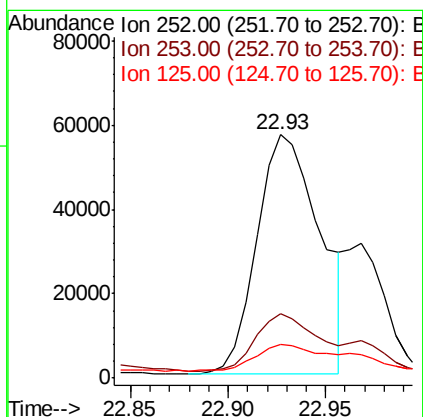
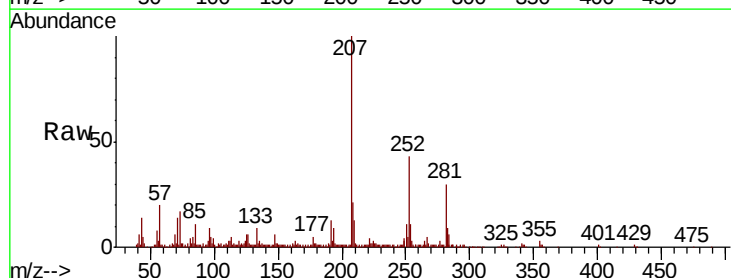
Instrument :
BNA_M
ClientSampleId :

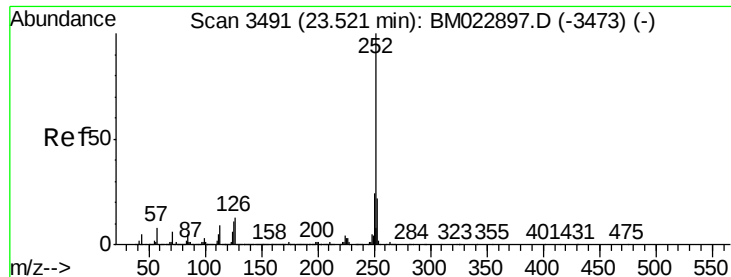
Tot	Ion:228	Resp:	120419
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	22.6	15.9	23.9



#88
Benzo(b)fluoranthene
Concen: 2.186 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.03 min
Lab File: BM022934.D
Acq: 04 Oct 2019 00:02

Tgt	Ion:252	Resp:	127374
Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.7	26.5
125	13.6	8.2	12.2#





#91

Benzo(a)pyrene

Concen: 1.586 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.04 min

Lab File: BM022934.D

Acq: 04 Oct 2019 00:02

Instrument :

BNA_M

ClientSampleId :

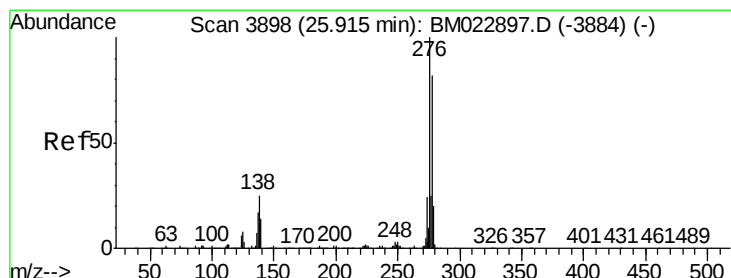
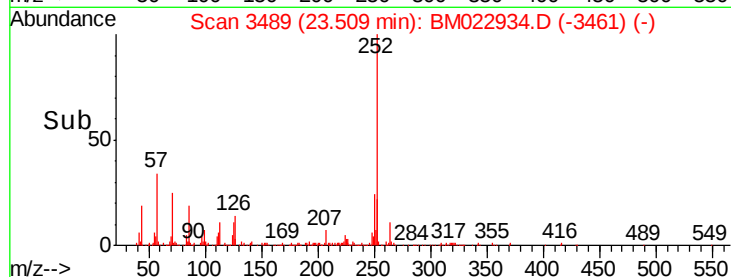
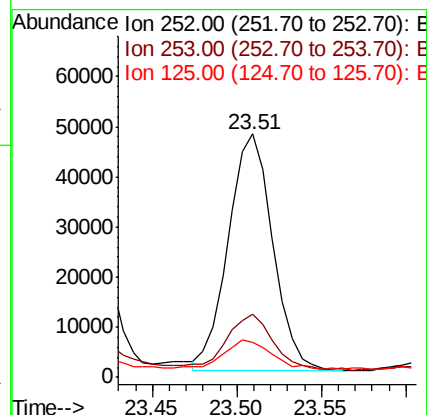
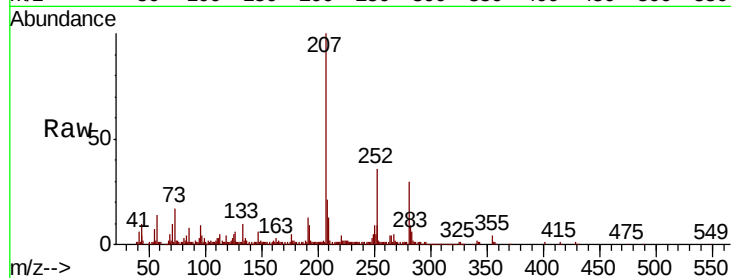
Tot Ion:252 Resp: 86707

Ion Ratio Lower Upper

252 100

253 26.0 17.6 26.4

125 14.4 8.7 13.1#



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.052 ng/ul

RT: 25.90 min Scan# 3895

Delta R.T. -0.05 min

Lab File: BM022934.D

Acq: 04 Oct 2019 00:02

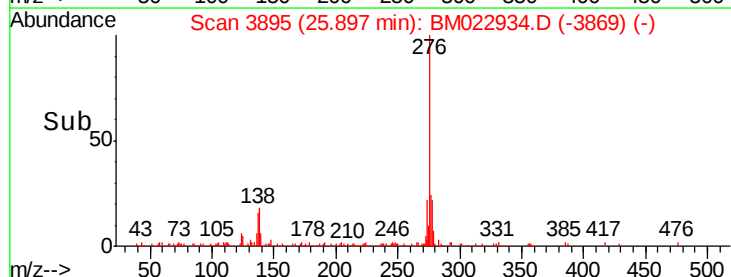
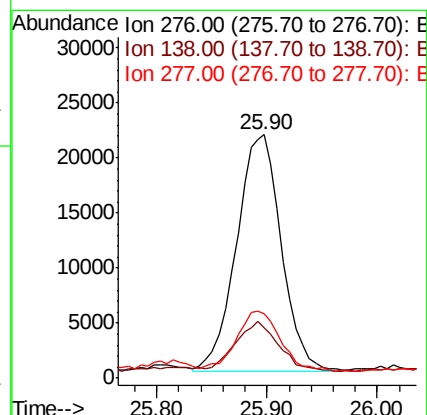
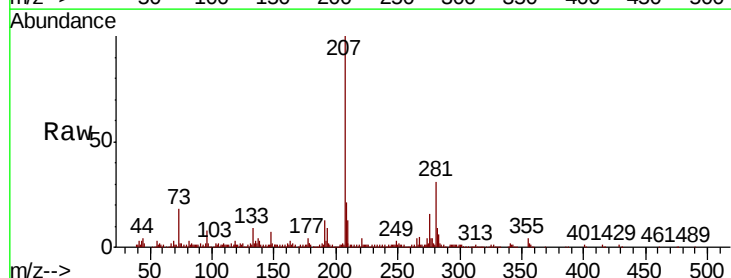
Tgt Ion:276 Resp: 61049

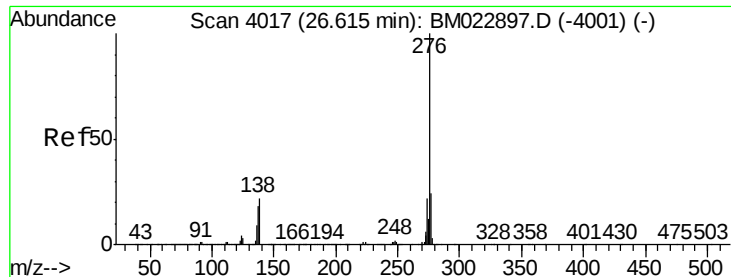
Ion Ratio Lower Upper

276 100

138 20.6 19.8 29.8

277 26.3 20.3 30.5





#94

Benzo(a,h,i)perylene

Concen: 1.359 ng/ul

RT: 26.59 min Scan# 4013

Delta R.T. -0.06 min

Lab File: BM022934.D

Acq: 04 Oct 2019 00:02

Instrument :

BNA_M

ClientSampleId :

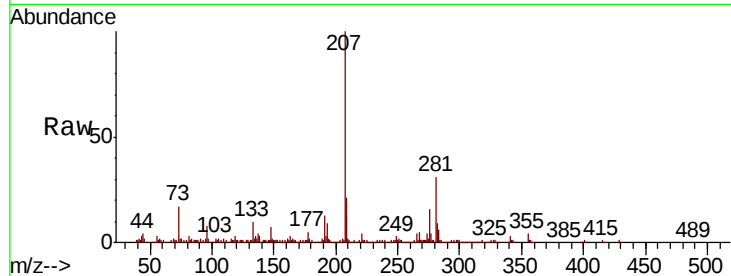
Tot Ion:276 Resp: 63649

Ion Ratio Lower Upper

276 100

138 21.4 17.6 26.4

277 25.9 19.1 28.7



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

