

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
 Data File : BM021199.D
 Acq On : 26 Jun 2019 19:30
 Operator : HP/JU
 Sample : K3501-08
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AD6

Quant Time: Jun 27 00:45:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 00:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	255334	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1134669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	749554	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1669704	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1153334	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1245013	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	18089	3.36	ng/uL	0.00
5) Phenol-d5	6.93	99	451608	20.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	269825	20.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	374769	20.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	394649	21.27	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	204819	22.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	237584	23.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	478069	22.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	429477	19.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1643708	24.27	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1860424	22.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	180262	16.36	ng/ul	0.00
57) Fluorene-d10	15.40	176	1405233	23.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	175310	17.08	ng/ul	0.00
70) Anthracene-d10	17.25	188	2049183	23.62	ng/ul	0.00
78) Pyrene-d10	19.55	212	1938557	28.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1697759	23.11	ng/ul	0.00

Target Compounds

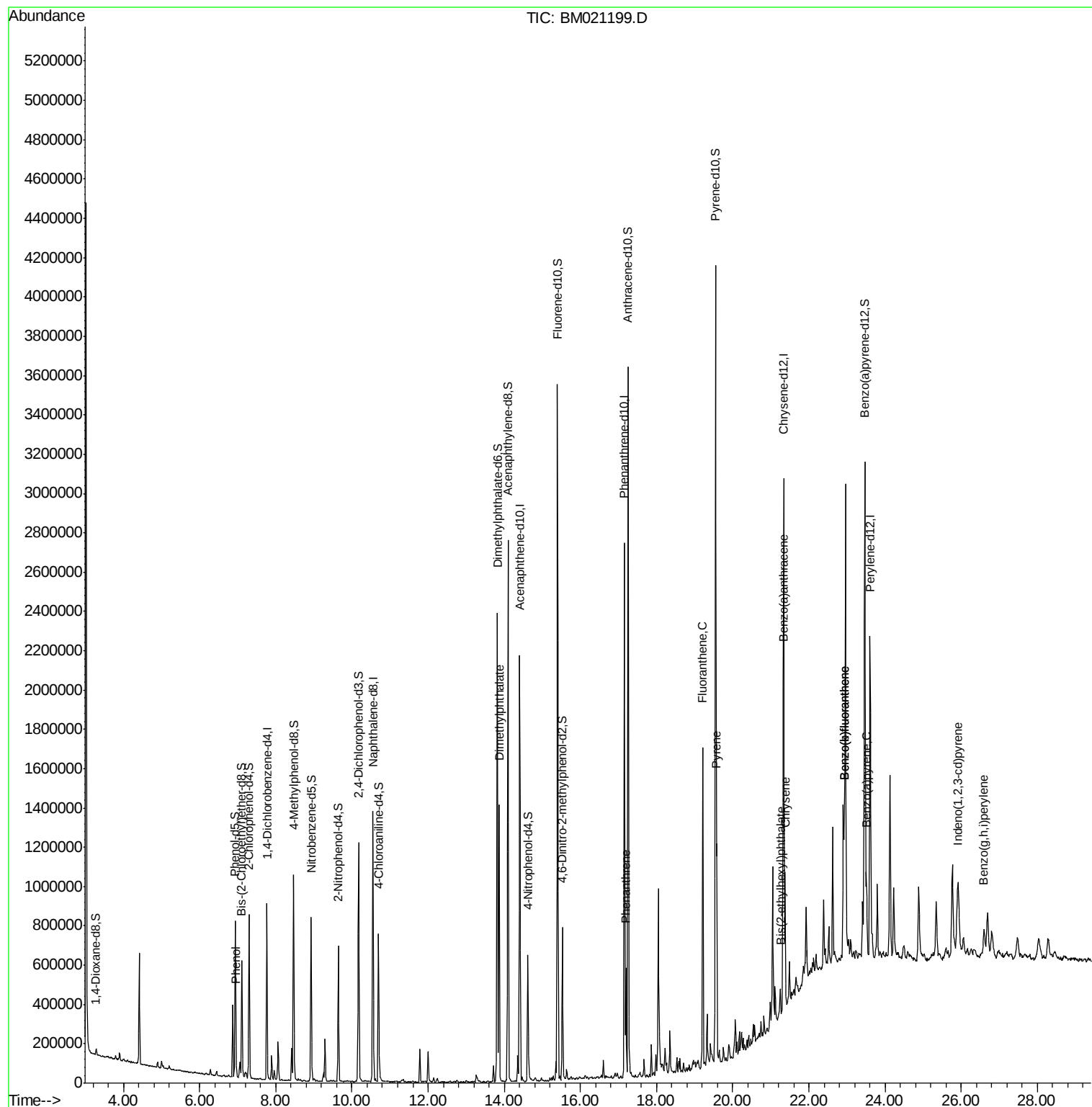
					Qvalue
6) Phenol	6.96	94	32284	1.536	ng/ul 94
44) Dimethylphthalate	13.87	163	923444	14.978	ng/ul 99
69) Phenanthrene	17.20	178	323639	3.505	ng/ul 98
76) Fluoranthene	19.21	202	941128	9.432	ng/ul 98
79) Pyrene	19.57	202	734478	9.008	ng/ul 98
82) Benzo(a)anthracene	21.32	228	377645	4.803	ng/ul 100
83) Bis(2-ethylhexyl)phthalate	21.25	149	47981	1.117	ng/ul 100
84) Chrysene	21.37	228	384529	5.222	ng/ul 98
87) Benzo(b)fluoranthene	22.93	252	507712	6.438	ng/ul 98
88) Benzo(k)fluoranthene	22.93	252	507712	6.692	ng/ul 98
90) Benzo(a)pyrene	23.51	252	313219	4.220	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.90	276	240041	2.746	ng/ul 97
93) Benzo(g,h,i)perylene	26.60	276	181861	2.526	ng/ul 95

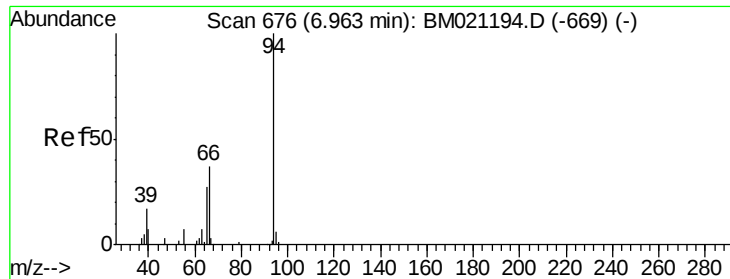
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 00:42:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.536 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

Instrument :

BNA_M

ClientSampleId :

C5AD6

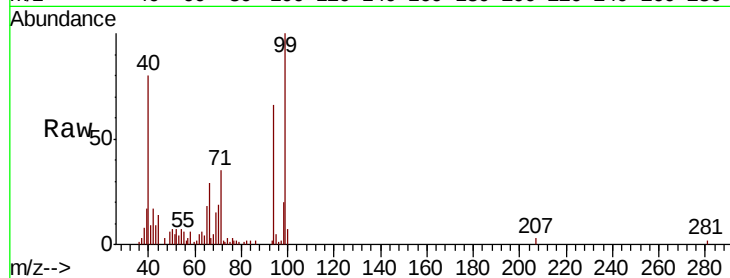
Tgt Ion: 94 Resp: 32284

Ion Ratio Lower Upper

94 100

65 27.0 22.6 34.0

66 44.6 31.2 46.8

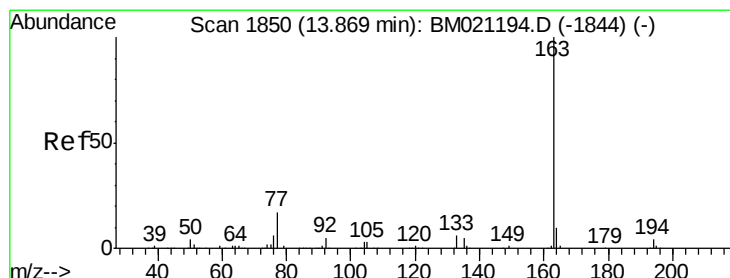
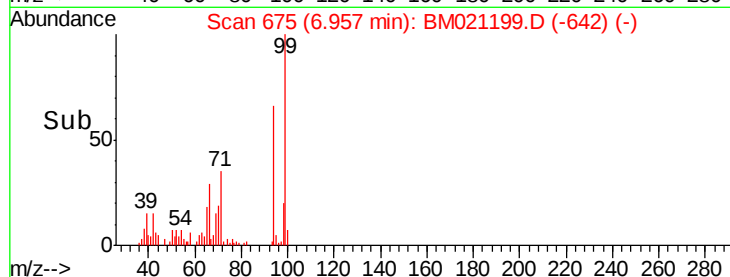
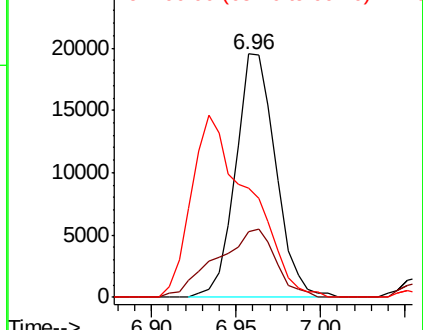


Abundance

Ion 94.00 (93.70 to 94.70): BM021199.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM021199.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM021199.D (-669) (-)



#44

Dimethylphthalate

Concen: 14.978 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

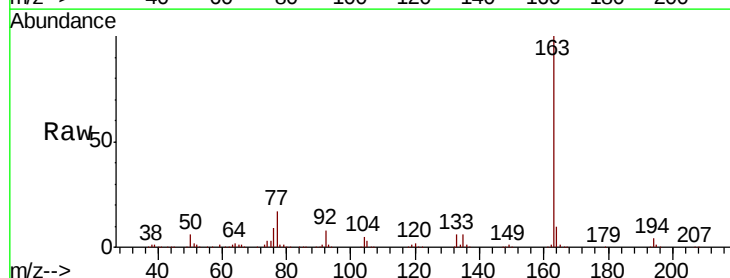
Tgt Ion: 163 Resp: 923444

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 9.9 7.7 11.5

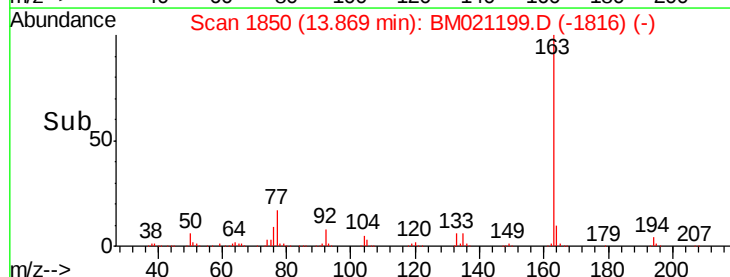
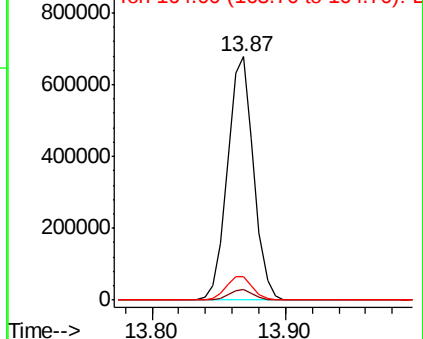


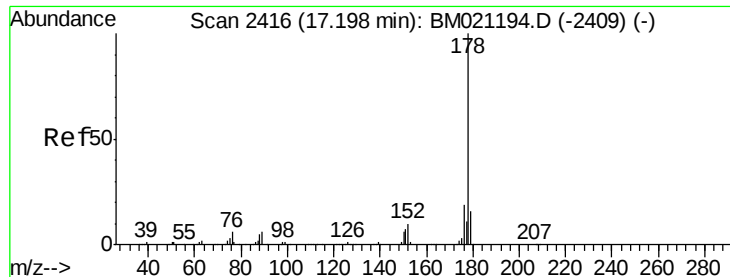
Abundance

Ion 163.00 (162.70 to 163.70): BM021199.D (-1844) (-)

Ion 194.00 (193.70 to 194.70): BM021199.D (-1844) (-)

Ion 164.00 (163.70 to 164.70): BM021199.D (-1844) (-)





#69

Phenanthrene

Concen: 3.505 ng/ul

RT: 17.20 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

Instrument :

BNA_M

ClientSampleId :

C5AD6

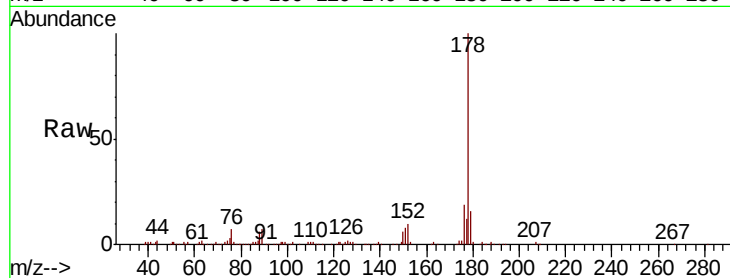
Tgt Ion:178 Resp: 323639

Ion Ratio Lower Upper

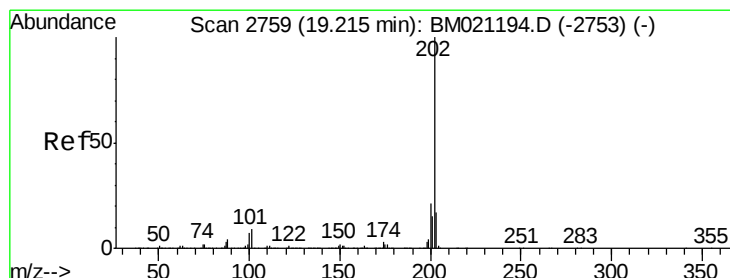
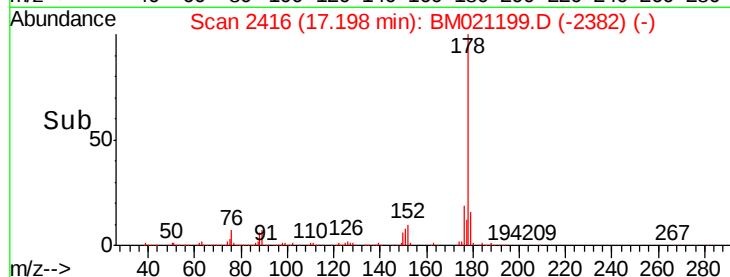
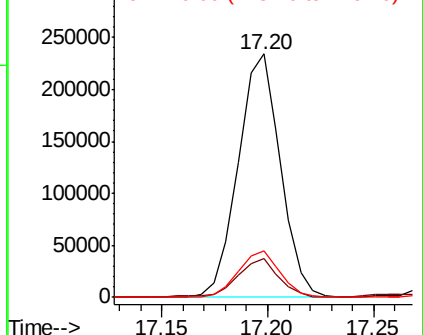
178 100

179 16.0 11.8 17.8

176 19.2 15.0 22.6



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: 9.432 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

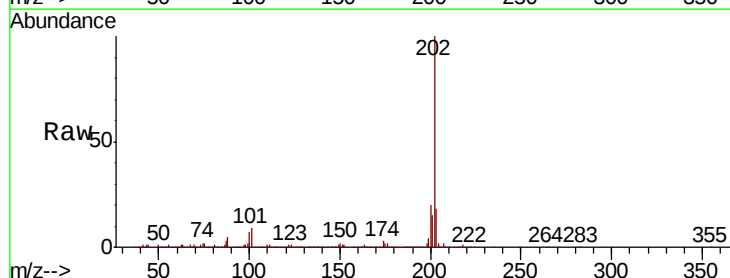
Tgt Ion:202 Resp: 941128

Ion Ratio Lower Upper

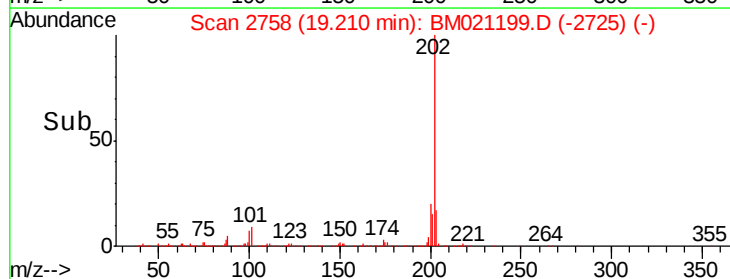
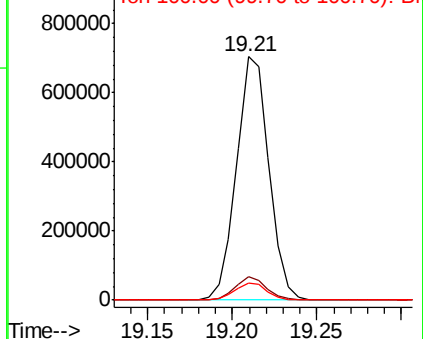
202 100

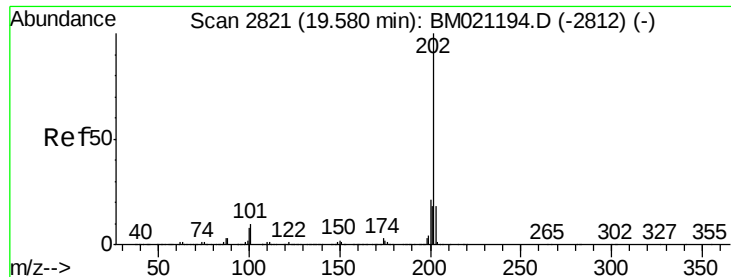
101 9.5 6.7 10.1

100 7.2 5.5 8.3



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

Pyrene

Concen: 9.008 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

Instrument :

BNA_M

ClientSampleId :

C5AD6

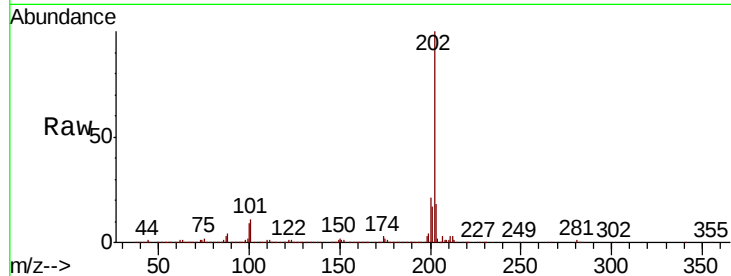
Tgt Ion:202 Resp: 734478

Ion Ratio Lower Upper

202 100

101 10.7 8.1 12.1

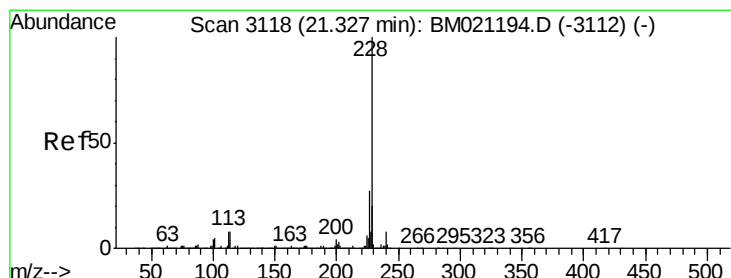
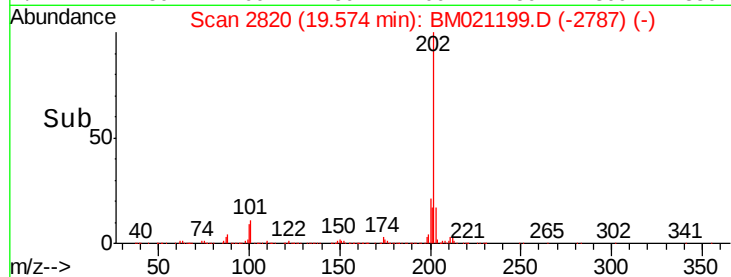
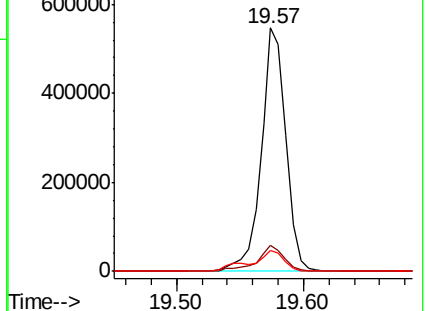
100 8.8 6.6 10.0



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: 4.803 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

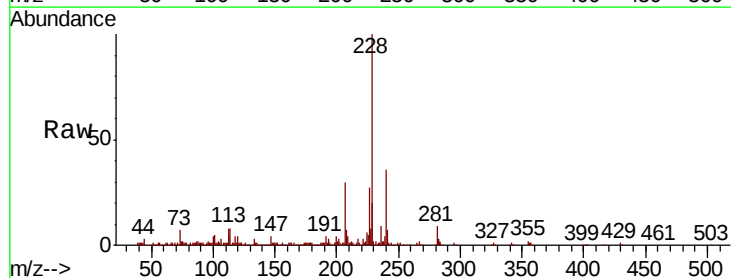
Tgt Ion:228 Resp: 377645

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.8

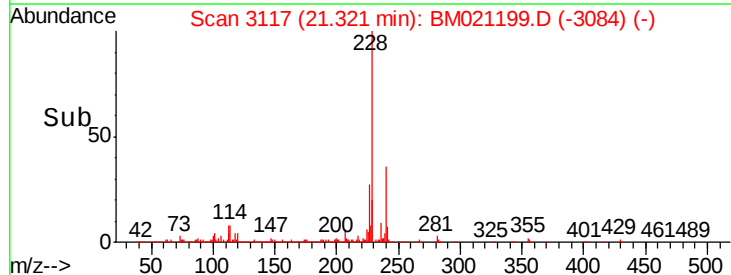
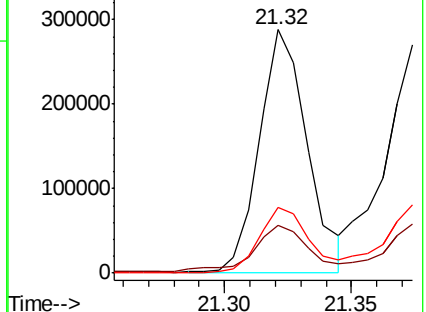
226 27.0 21.4 32.2

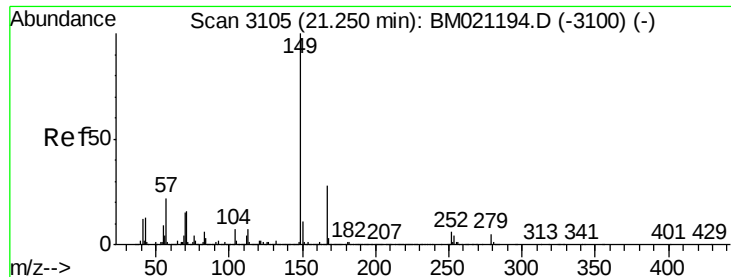


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

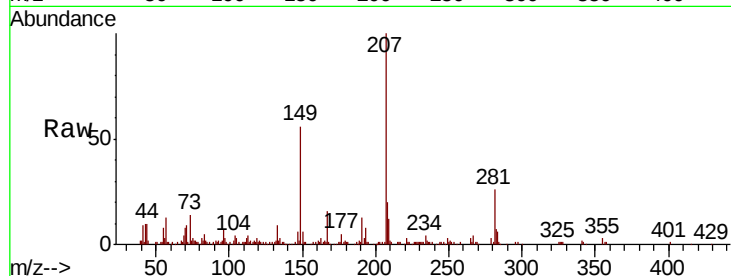




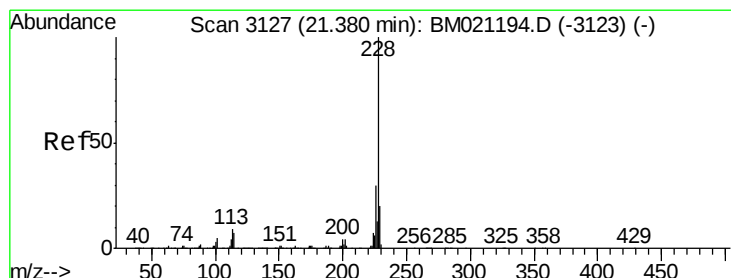
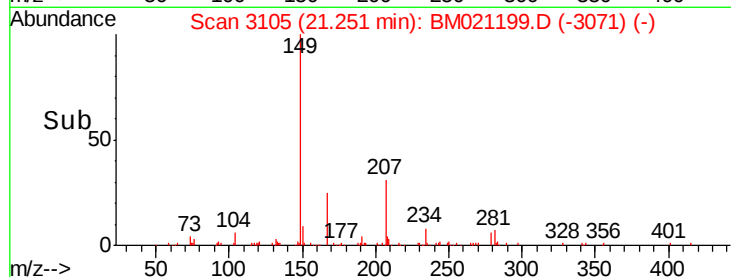
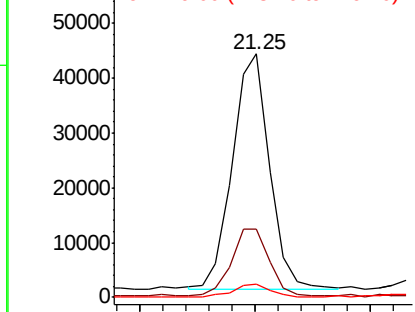
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.117 ng/ul
 RT: 21.25 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BM021199.D
 Acq: 26 Jun 2019 19:30

Instrument :
 BNA_M
 ClientSampleId :
 C5AD6

Tgt Ion:149 Resp: 47981
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.3 33.5
 279 5.6 3.8 5.6

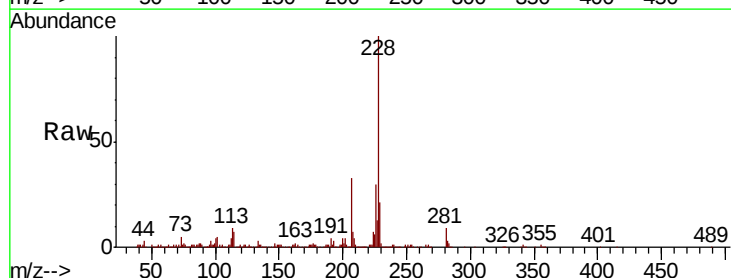


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

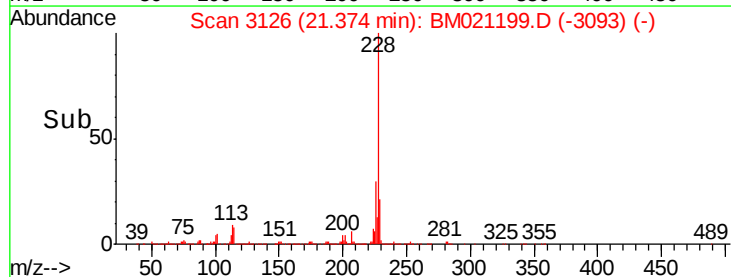
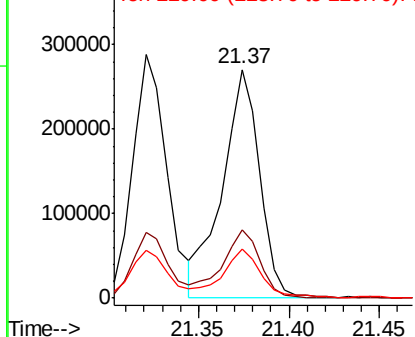


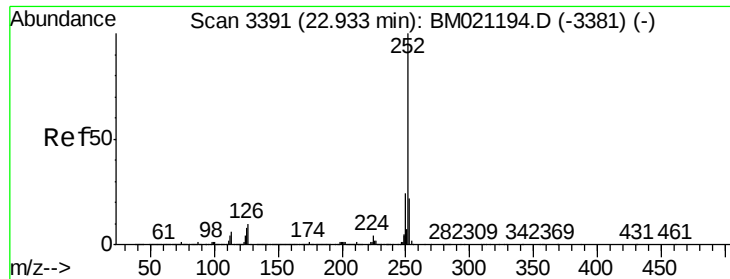
#84
 Chrysene
 Concen: 5.222 ng/ul
 RT: 21.37 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BM021199.D
 Acq: 26 Jun 2019 19:30

Tgt Ion:228 Resp: 384529
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.9 35.9
 229 21.4 15.4 23.2



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: 6.438 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

Instrument :

BNA_M

ClientSampleId :

C5AD6

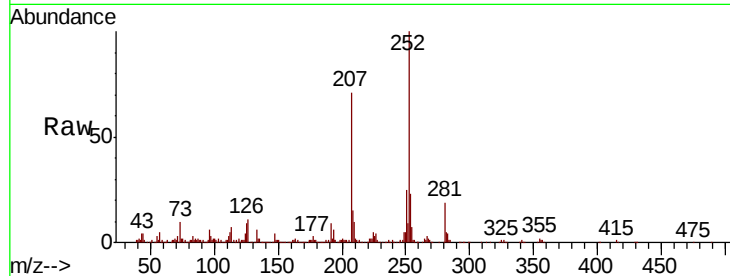
Tgt Ion:252 Resp: 507712

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

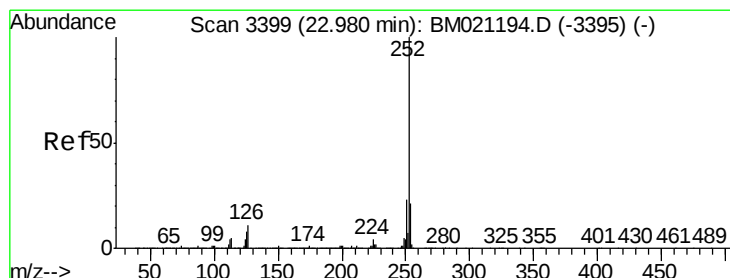
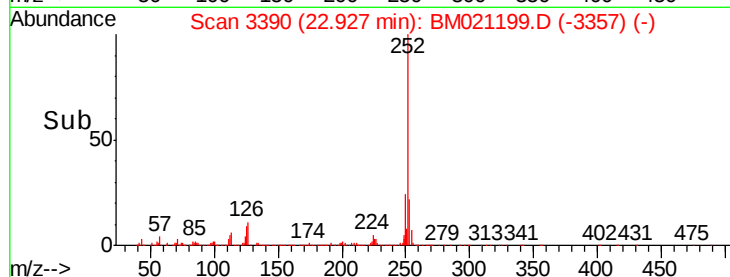
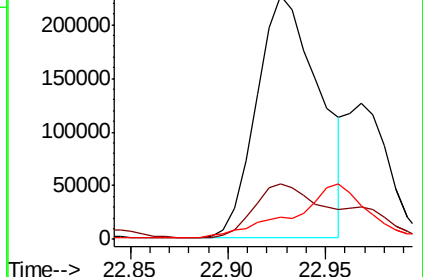
125 9.2 6.3 9.5



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: 6.692 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.05 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

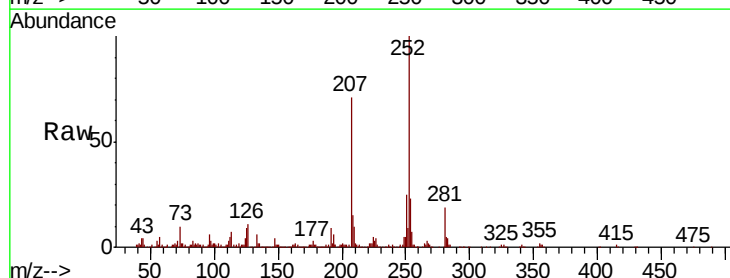
Tgt Ion:252 Resp: 507712

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

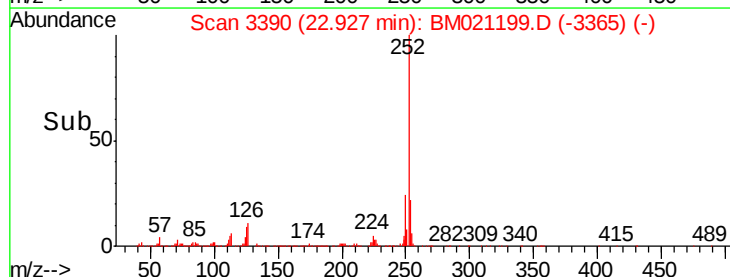
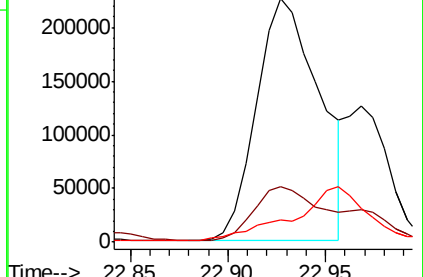
125 9.2 6.6 9.8

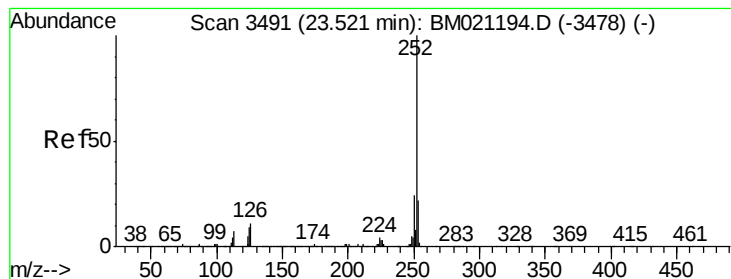


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 4.220 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

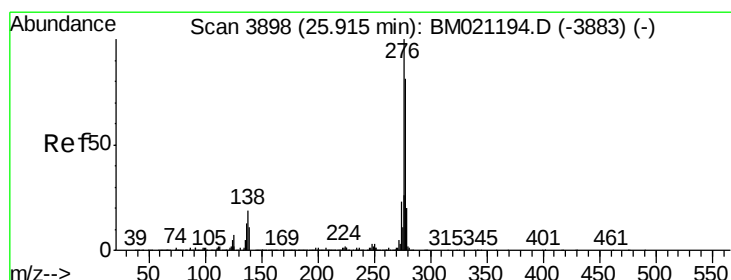
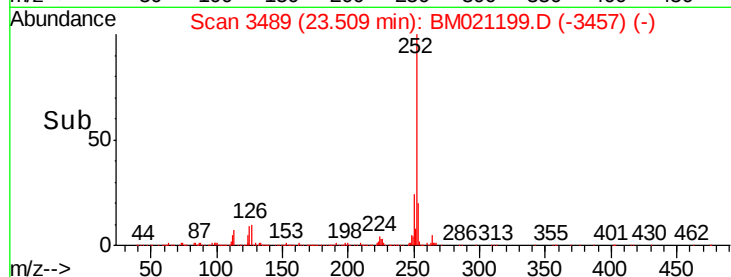
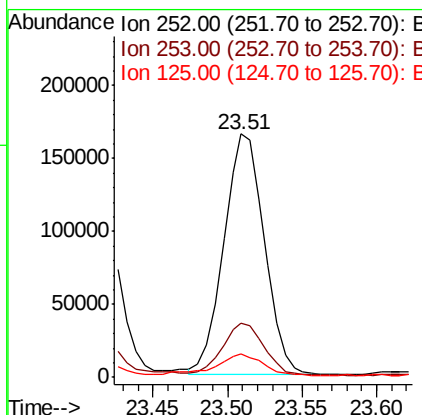
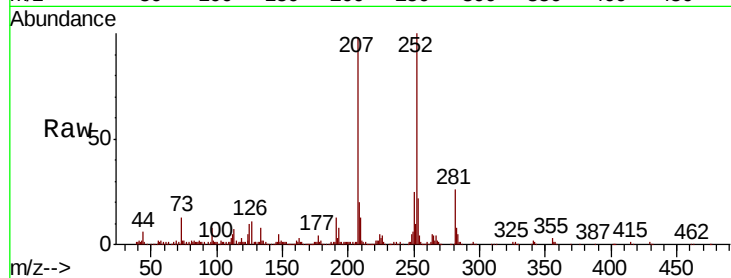
Instrument :

BNA_M

ClientSampleId :

C5AD6

Tgt Ion:	252	Resp:	313219
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.8
125	9.6	7.2	10.8



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.746 ng/ul

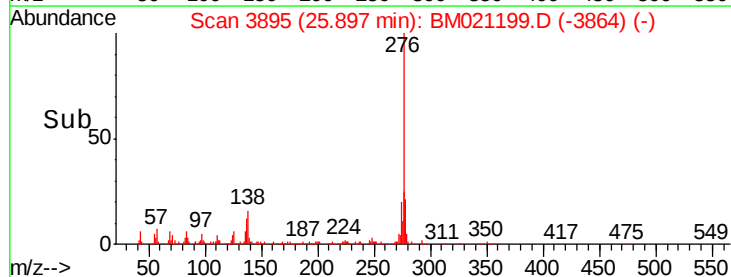
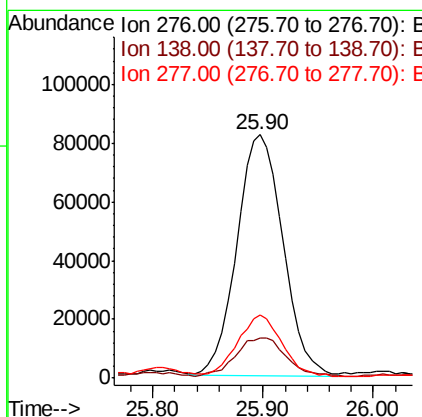
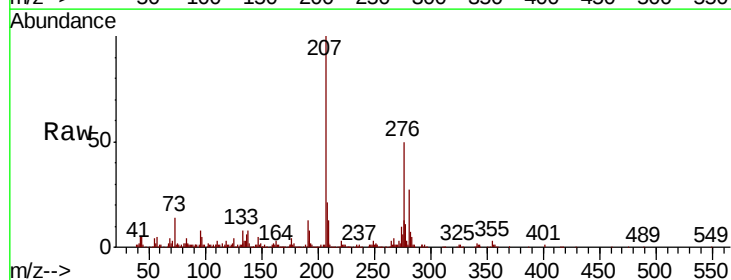
RT: 25.90 min Scan# 3895

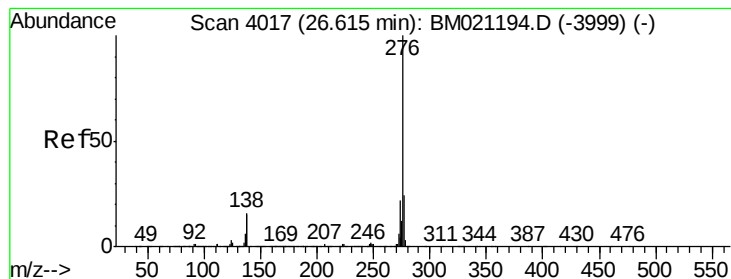
Delta R.T. -0.02 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

Tgt Ion:	276	Resp:	240041
Ion Ratio	Lower	Upper	
276	100		
138	16.6	15.9	23.9
277	25.8	20.4	30.6





#93

Benzo(g,h,i)perylene

Concen: 2.526 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.01 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

Instrument :

BNA_M

ClientSampleId :

C5AD6

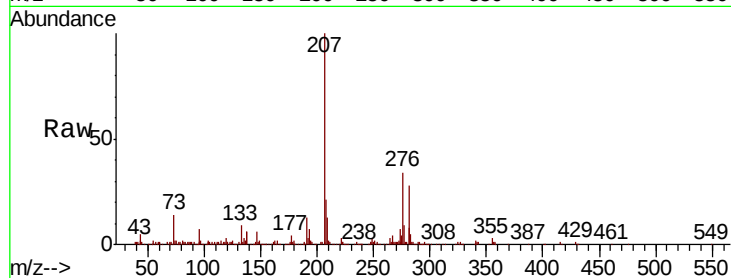
Tgt Ion:276 Resp: 181861

Ion Ratio Lower Upper

276 100

138 16.8 14.6 21.8

277 26.4 18.9 28.3



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

