

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021280.D
 Acq On : 30 Jun 2019 02:06
 Operator : HP/JU
 Sample : K3590-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BA3

Quant Time: Jun 30 03:39:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 30 03:35:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	319136	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1388511	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	850418	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1741701	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1282011	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1520806	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	16049	2.39	ng/uL	0.00
5) Phenol-d5	6.93	99	416087	14.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	234283	14.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	351035	15.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	362355	15.63	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	185481	16.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	221932	17.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	434982	17.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	404253	15.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1371244	17.85	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1610564	17.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	185111	14.81	ng/ul	0.00
57) Fluorene-d10	15.40	176	1171770	17.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	128304	11.98	ng/ul	0.00
70) Anthracene-d10	17.26	188	1704335	18.83	ng/ul	0.00
78) Pyrene-d10	19.55	212	1565696	20.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1698231	18.93	ng/ul	0.00

Target Compounds

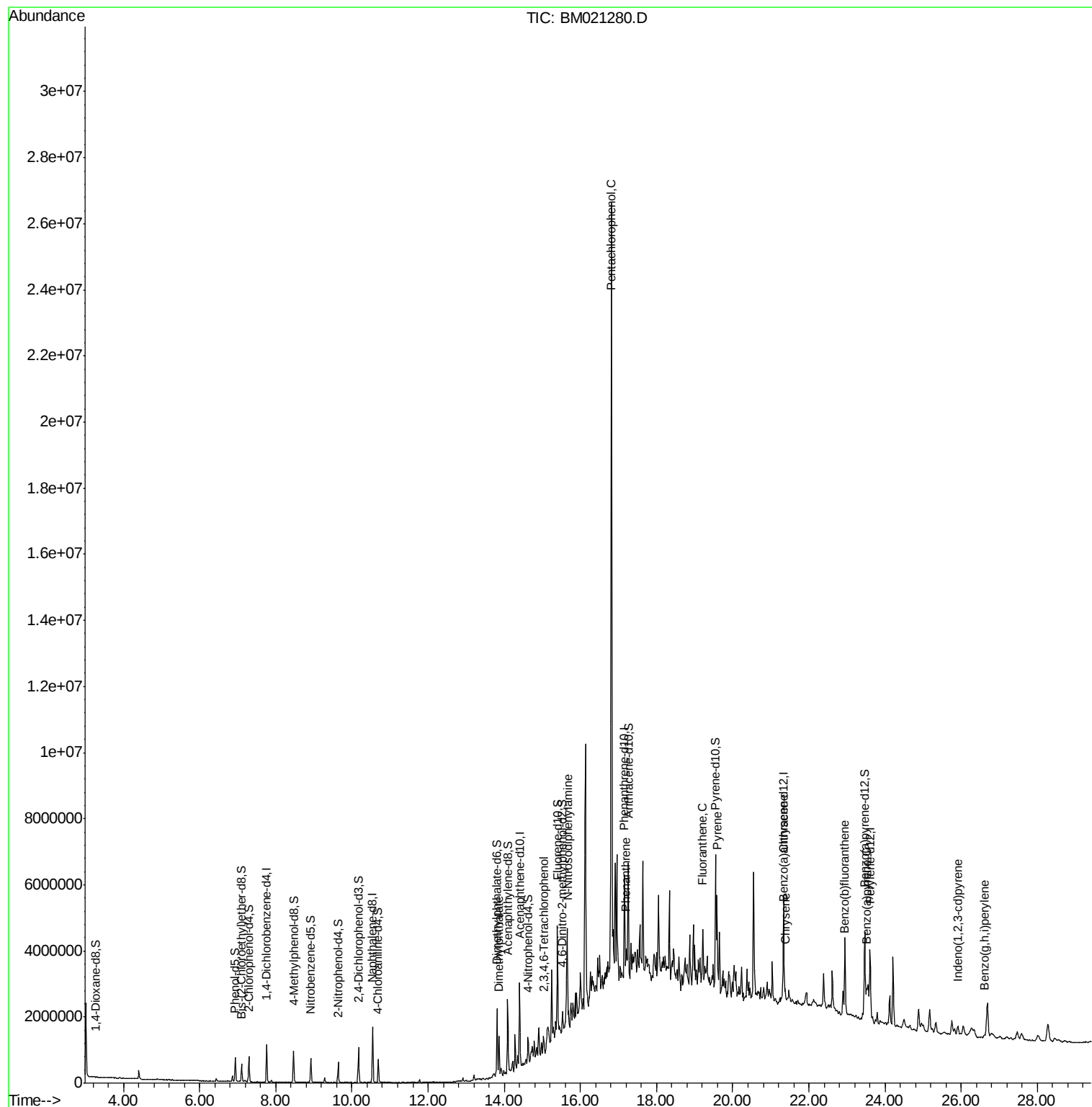
					Qvalue	
44) Dimethylphthalate	13.86	163	266963	3.817	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.03	232	86323	4.912	ng/ul#	91
64) N-Nitrosodiphenylamine	15.66	169	203781	3.863	ng/ul#	41
68) Pentachlorophenol	16.82	266	5338916	434.977	ng/ul	98
69) Phenanthrene	17.20	178	172306	1.789	ng/ul#	84
76) Fluoranthene	19.22	202	606632	5.828	ng/ul	98
79) Pyrene	19.58	202	1525111	16.827	ng/ul	100
82) Benzo(a)anthracene	21.32	228	190968	2.185	ng/ul#	84
84) Chrysene	21.37	228	260524	3.183	ng/ul#	90
87) Benzo(b)fluoranthene	22.93	252	290885	3.020	ng/ul#	89
90) Benzo(a)pyrene	23.51	252	156093	1.721	ng/ul#	88
91) Indeno(1,2,3-cd)pyrene	25.90	276	133438	1.250	ng/ul	96
93) Benzo(g,h,i)perylene	26.60	276	123454	1.404	ng/ul	97

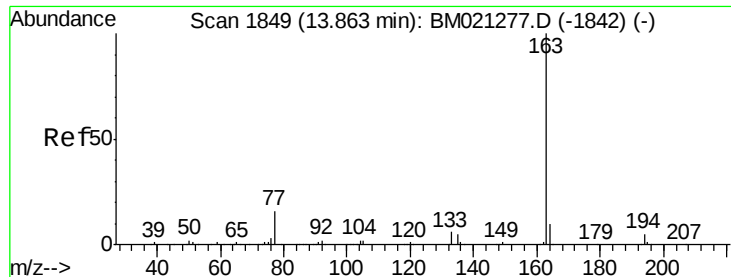
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 30 03:39:42 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 3.817 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BM021280.D

Acq: 30 Jun 2019 02:06

Instrument :

BNA_M

ClientSampled :

C5BA3

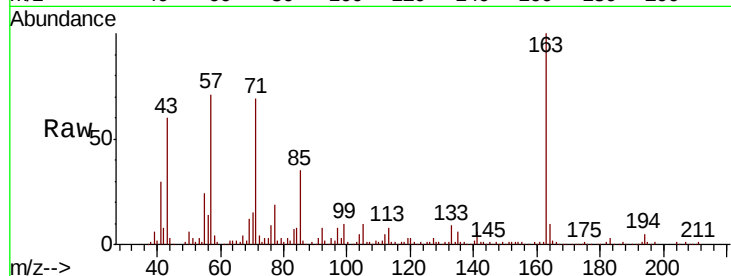
Tgt Ion:163 Resp: 266963

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

164 10.2 7.7 11.5

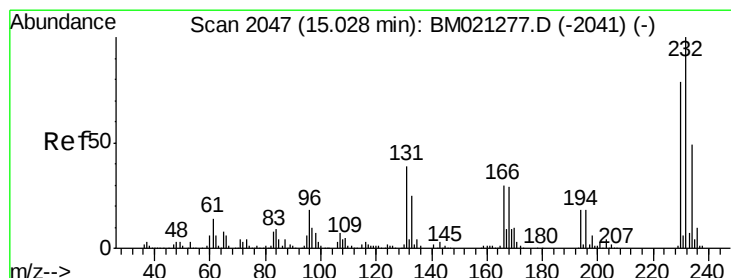
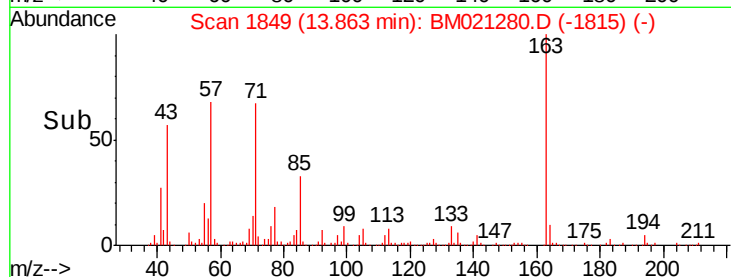
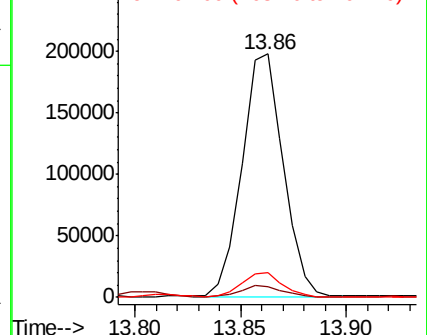


Abundance

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



#55

2,3,4,6-Tetrachlorophenol

Concen: 4.912 ng/ul

RT: 15.03 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BM021280.D

Acq: 30 Jun 2019 02:06

Tgt Ion:232 Resp: 86323

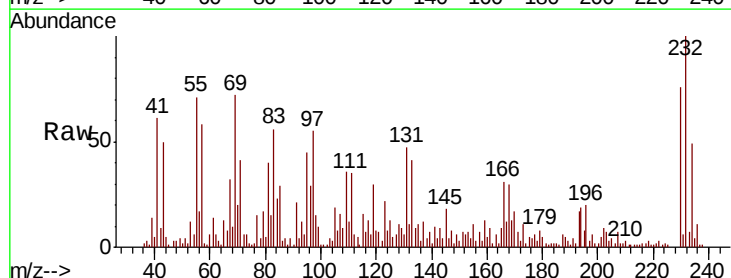
Ion Ratio Lower Upper

232 100

131 46.7 31.0 46.4#

130 6.5 1.8 2.6#

166 31.1 23.6 35.4



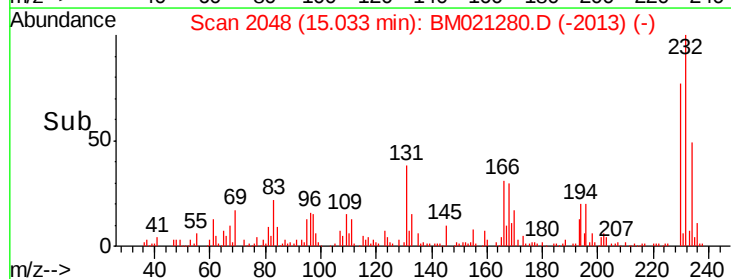
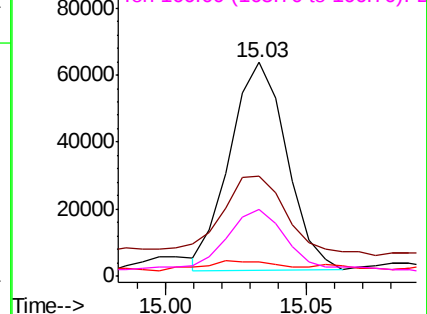
Abundance

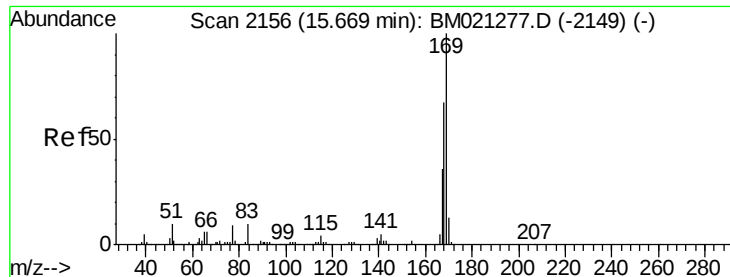
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



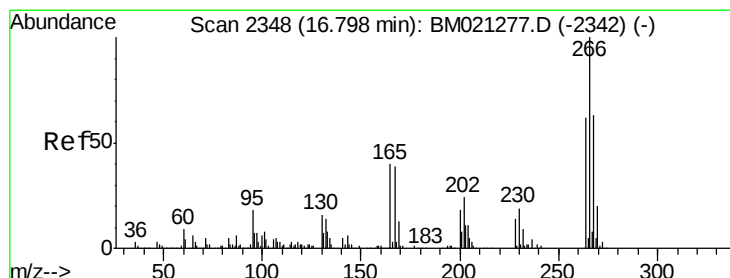
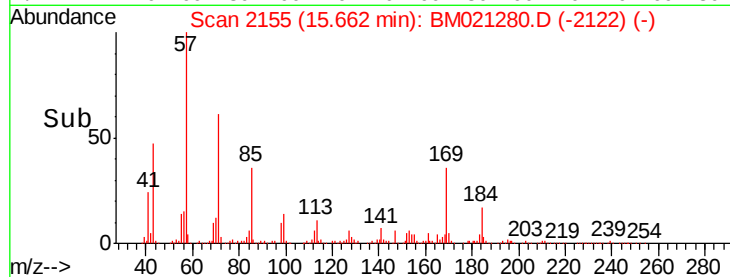
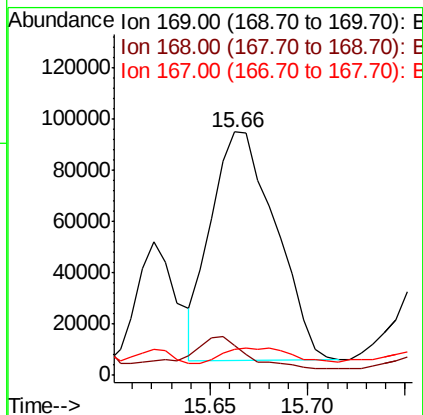
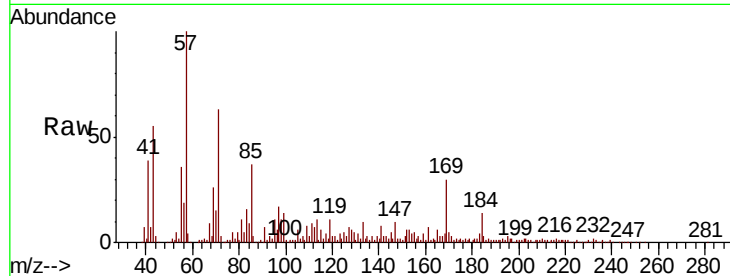


#64

N-Nitrosodiphenylamine
 Concen: 3.863 ng/ul
 RT: 15.66 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM021280.D
 Acq: 30 Jun 2019 02:06

Instrument :
 BNA_M
 ClientSampleId :
 C5BA3

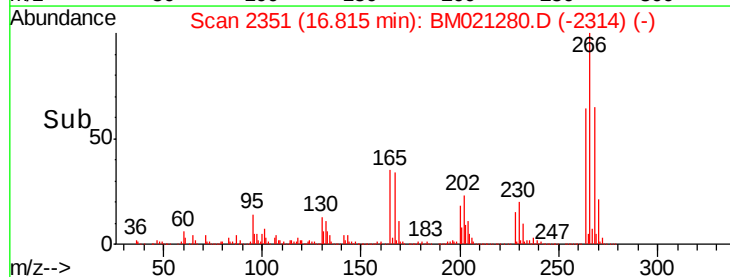
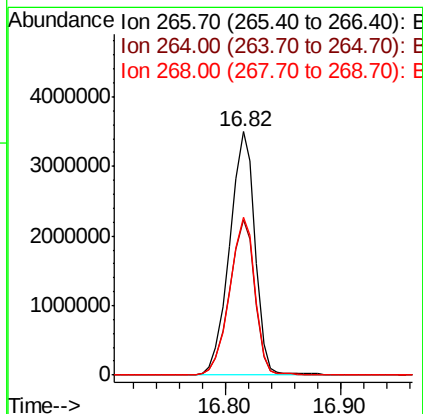
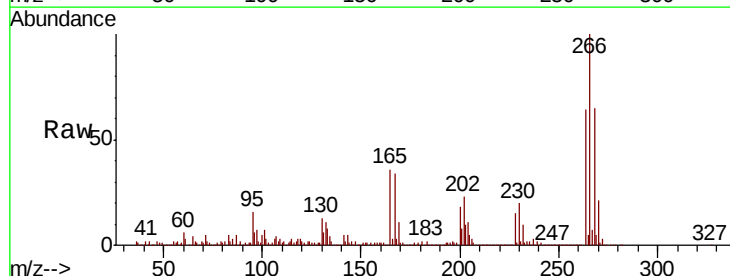
Tgt Ion:169 Resp: 203781
 Ion Ratio Lower Upper
 169 100
 168 12.4 53.6 80.4#
 167 10.8 29.0 43.6#

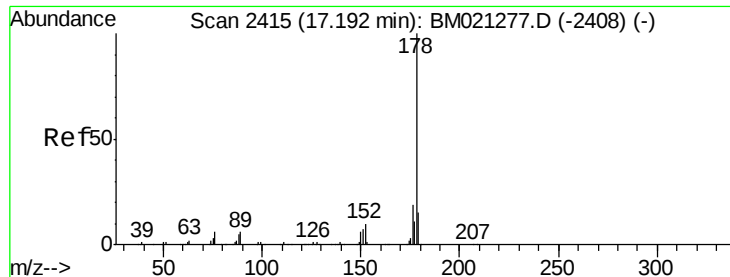


#68

Pentachlorophenol
 Concen: 434.977 ng/ul
 RT: 16.82 min Scan# 2351
 Delta R.T. 0.02 min
 Lab File: BM021280.D
 Acq: 30 Jun 2019 02:06

Tgt Ion:266 Resp: 5338916
 Ion Ratio Lower Upper
 266 100
 264 63.8 49.9 74.9
 268 64.6 53.4 80.0





#69

Phenanthrene

Concen: 1.789 ng/ul

RT: 17.20 min Scan# 2416

Delta R.T. 0.01 min

Lab File: BM021280.D

Acq: 30 Jun 2019 02:06

Instrument :

BNA_M

ClientSampleId :

C5BA3

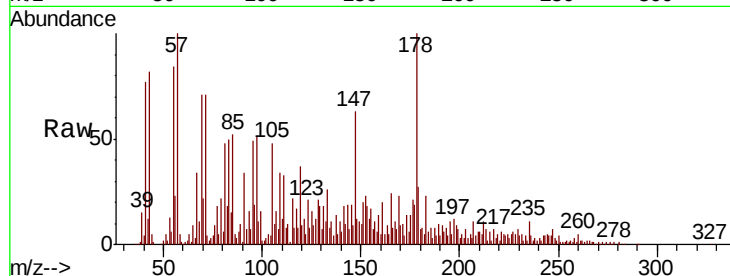
Tgt Ion:178 Resp: 172306

Ion Ratio Lower Upper

178 100

179 26.6 11.8 17.8#

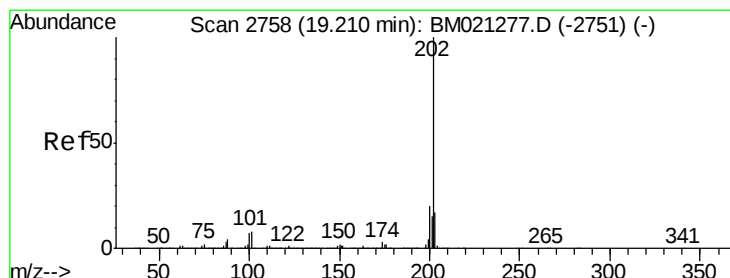
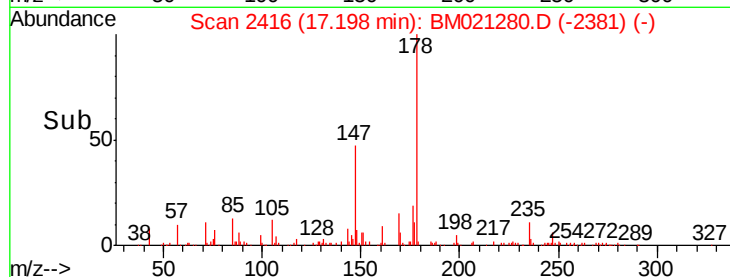
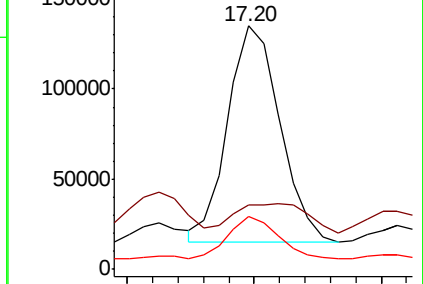
176 21.5 15.0 22.6



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: 5.828 ng/ul

RT: 19.22 min Scan# 2759

Delta R.T. 0.01 min

Lab File: BM021280.D

Acq: 30 Jun 2019 02:06

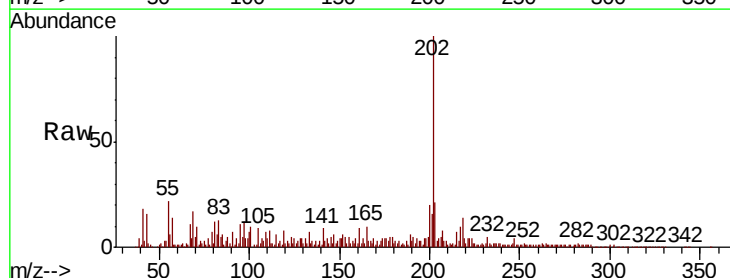
Tgt Ion:202 Resp: 606632

Ion Ratio Lower Upper

202 100

101 9.6 6.7 10.1

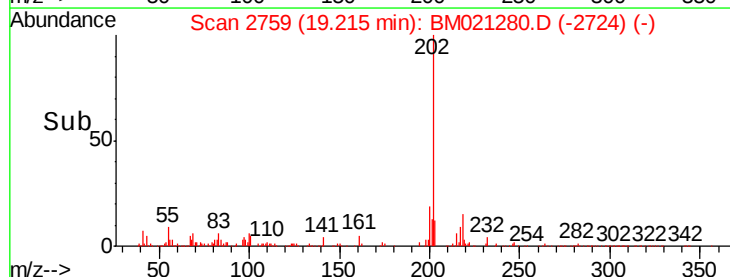
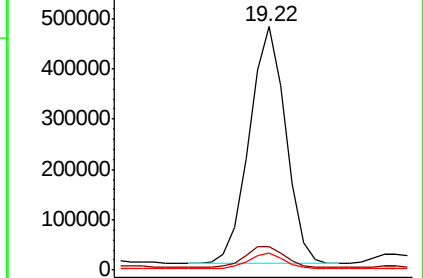
100 6.9 5.5 8.3

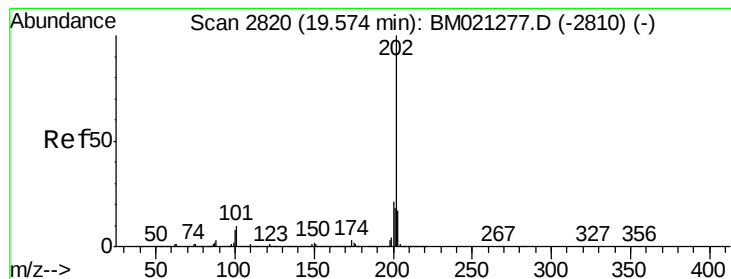


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pyrene

Concen: 16.827 ng/ul

RT: 19.58 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BM021280.D

Acq: 30 Jun 2019 02:06

Instrument :

BNA_M

ClientSampleId :

C5BA3

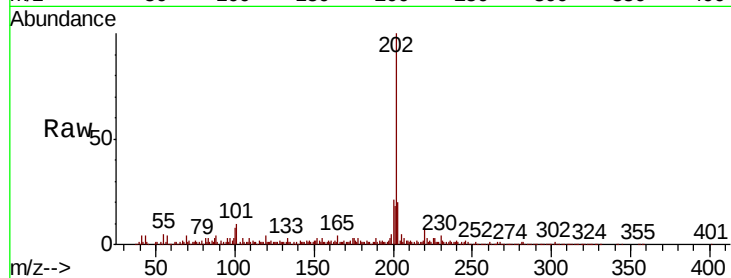
Tgt Ion:202 Resp: 1525111

Ion Ratio Lower Upper

202 100

101 10.2 8.1 12.1

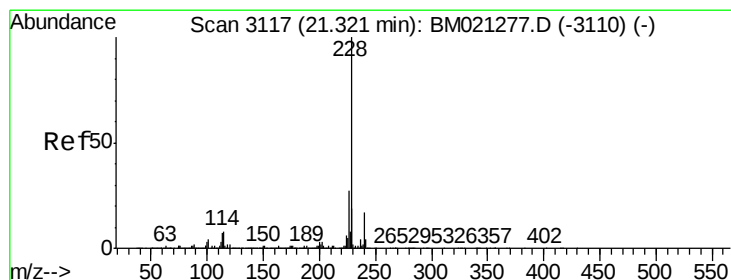
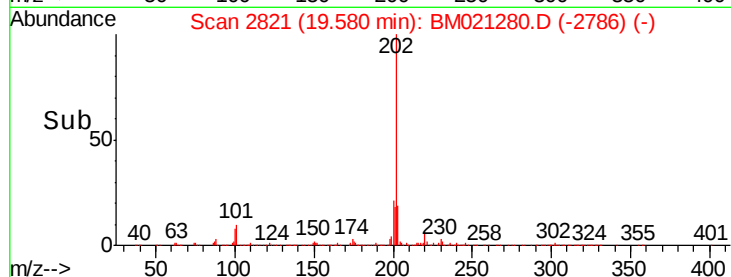
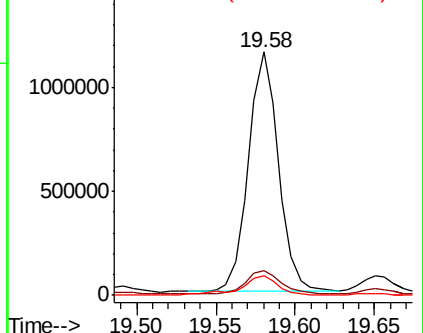
100 8.3 6.6 10.0



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: 2.185 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM021280.D

Acq: 30 Jun 2019 02:06

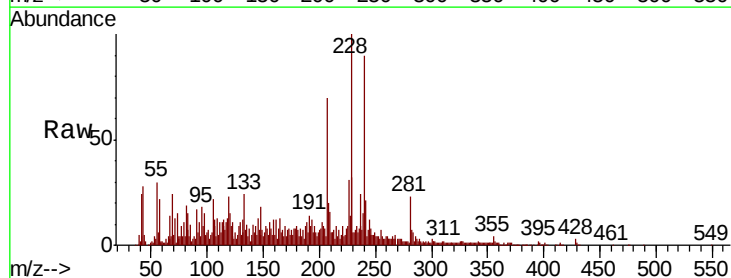
Tgt Ion:228 Resp: 190968

Ion Ratio Lower Upper

228 100

229 32.2 15.8 23.8#

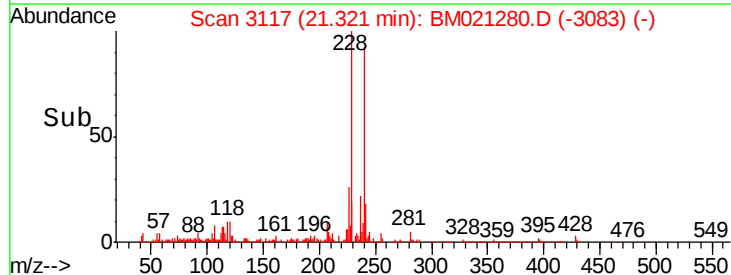
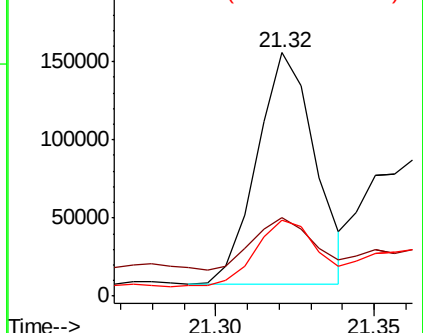
226 31.0 21.4 32.2

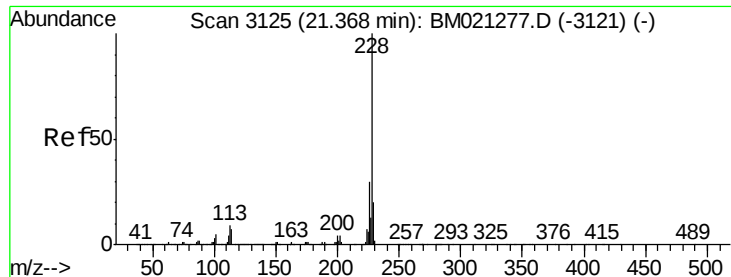


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 3.183 ng/u1

RT: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BM021280.D

Acq: 30 Jun 2019 02:06

Instrument :

BNA_M

ClientSampleId :

C5BA3

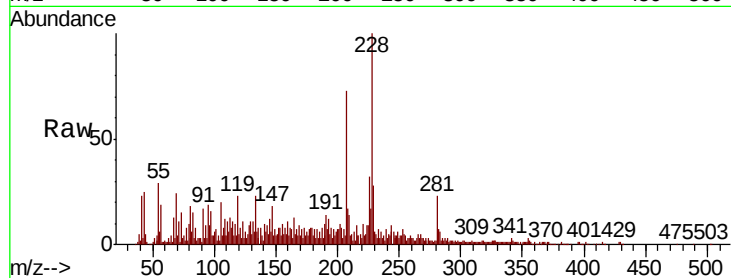
Tgt Ion:228 Resp: 260524

Ion Ratio Lower Upper

228 100

226 32.2 23.9 35.9

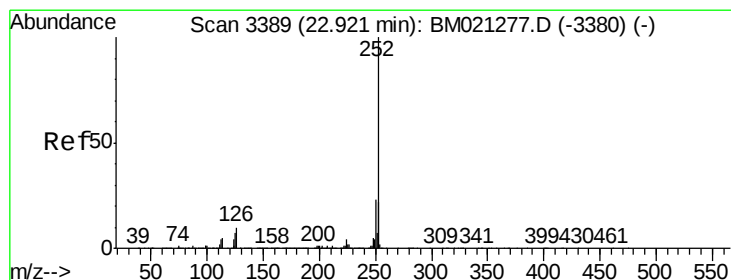
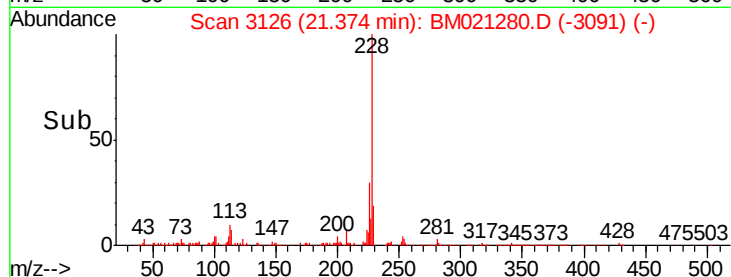
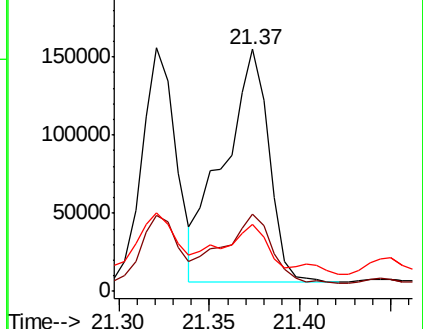
229 27.6 15.4 23.2#



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: 3.020 ng/u1

RT: 22.93 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BM021280.D

Acq: 30 Jun 2019 02:06

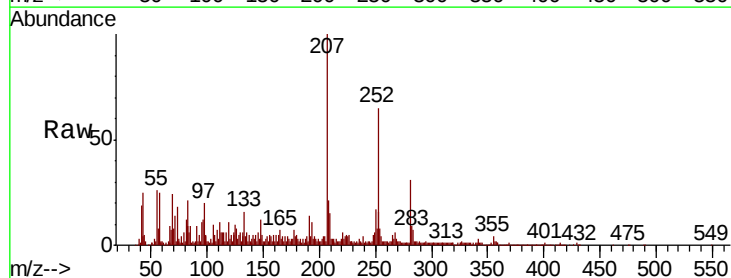
Tgt Ion:252 Resp: 290885

Ion Ratio Lower Upper

252 100

253 25.1 17.5 26.3

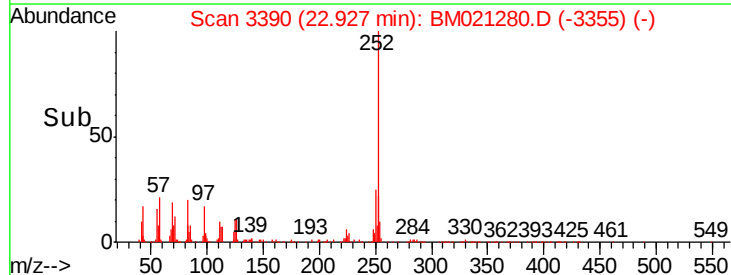
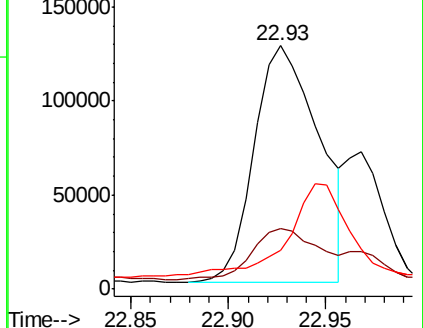
125 15.9 6.3 9.5#

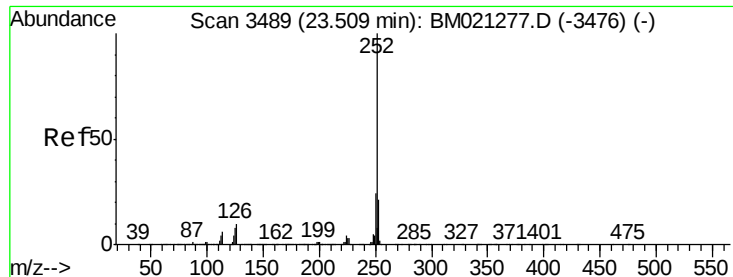


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.721 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.00 min

Lab File: BM021280.D

Acq: 30 Jun 2019 02:06

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C5BA3

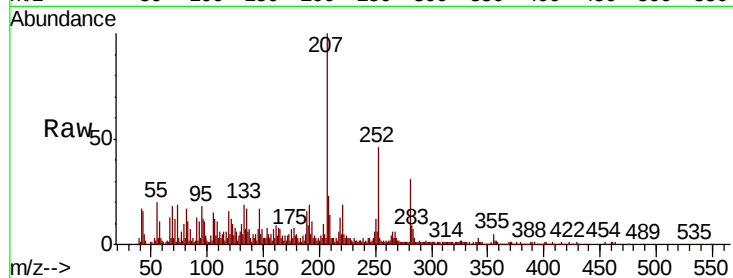
Tgt Ion:252 Resp: 156093

Ion Ratio Lower Upper

252 100

253 25.8 17.8 26.8

125 17.6 7.2 10.8#

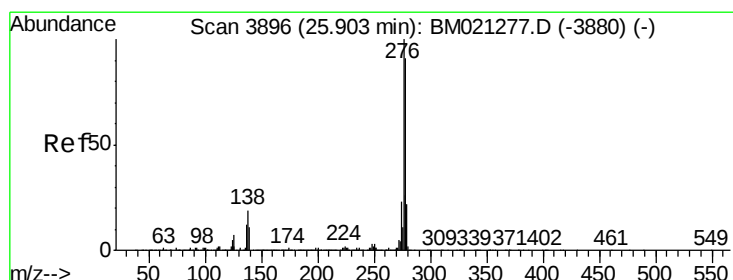
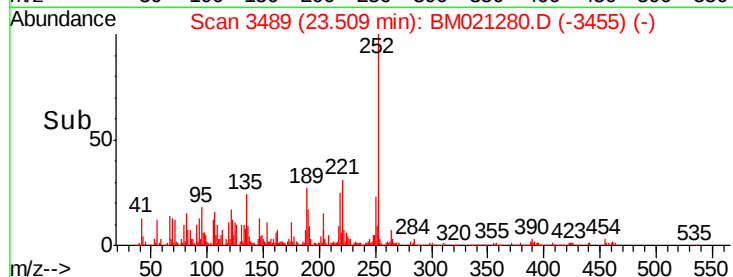
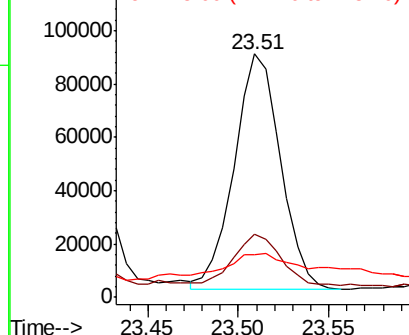


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.250 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. -0.00 min

Lab File: BM021280.D

Acq: 30 Jun 2019 02:06

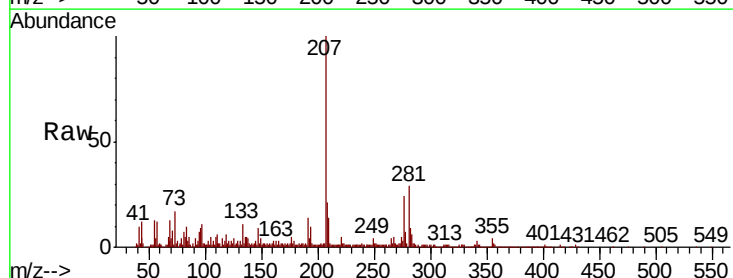
Tgt Ion:276 Resp: 133438

Ion Ratio Lower Upper

276 100

138 17.3 15.9 23.9

277 26.9 20.4 30.6

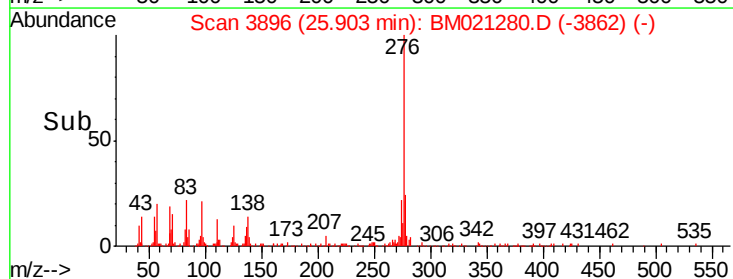
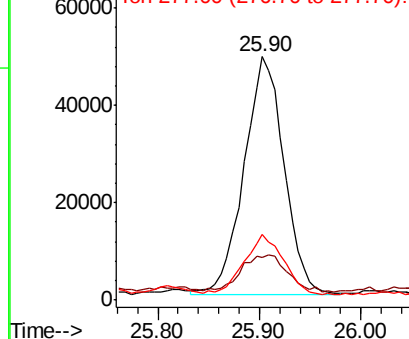


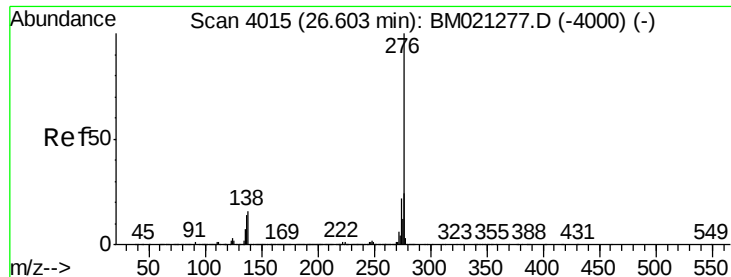
Abundance

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





#93

Benzo(g,h,i)perylene

Concen: 1.404 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.00 min

Lab File: BM021280.D

Acq: 30 Jun 2019 02:06

Instrument :

BNA_M

ClientSampleId :

C5BA3

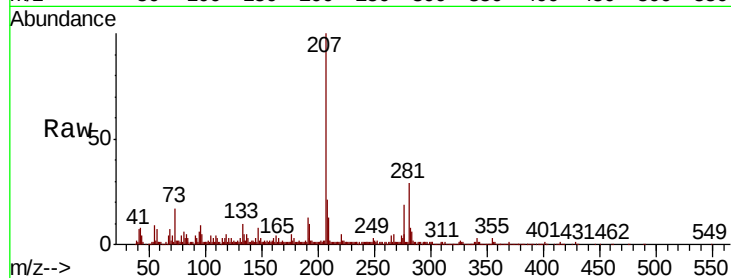
Tgt Ion: 276 Resp: 123454

Ion Ratio Lower Upper

276 100

138 18.4 14.6 21.8

277 26.1 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

