

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
 Data File : BN006071.D
 Acq On : 04 Jun 2019 19:39
 Operator : JU/SJ
 Sample : K2927-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 05 01:21:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 04 17:47:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	247547	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1062660	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	600072	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1314091	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1188968	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	1330947	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	20142	3.52	ng/uL	0.00
5) Phenol-d5	6.82	99	359602	18.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	229170	20.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	305440	19.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	244110	15.93	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	147654	19.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	164755	19.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	287030	18.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	78475	4.32	ng/ul	0.01
43) Dimethylphthalate-d6	13.72	166	902011	21.19	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1097427	19.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	87308	11.61	ng/ul	0.00
57) Fluorene-d10	15.30	176	776552	21.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	103345	14.05	ng/ul	0.00
70) Anthracene-d10	17.16	188	1065667	19.00	ng/ul	0.00
78) Pyrene-d10	19.46	212	1255060	21.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1152297	19.44	ng/ul	0.00

Target Compounds

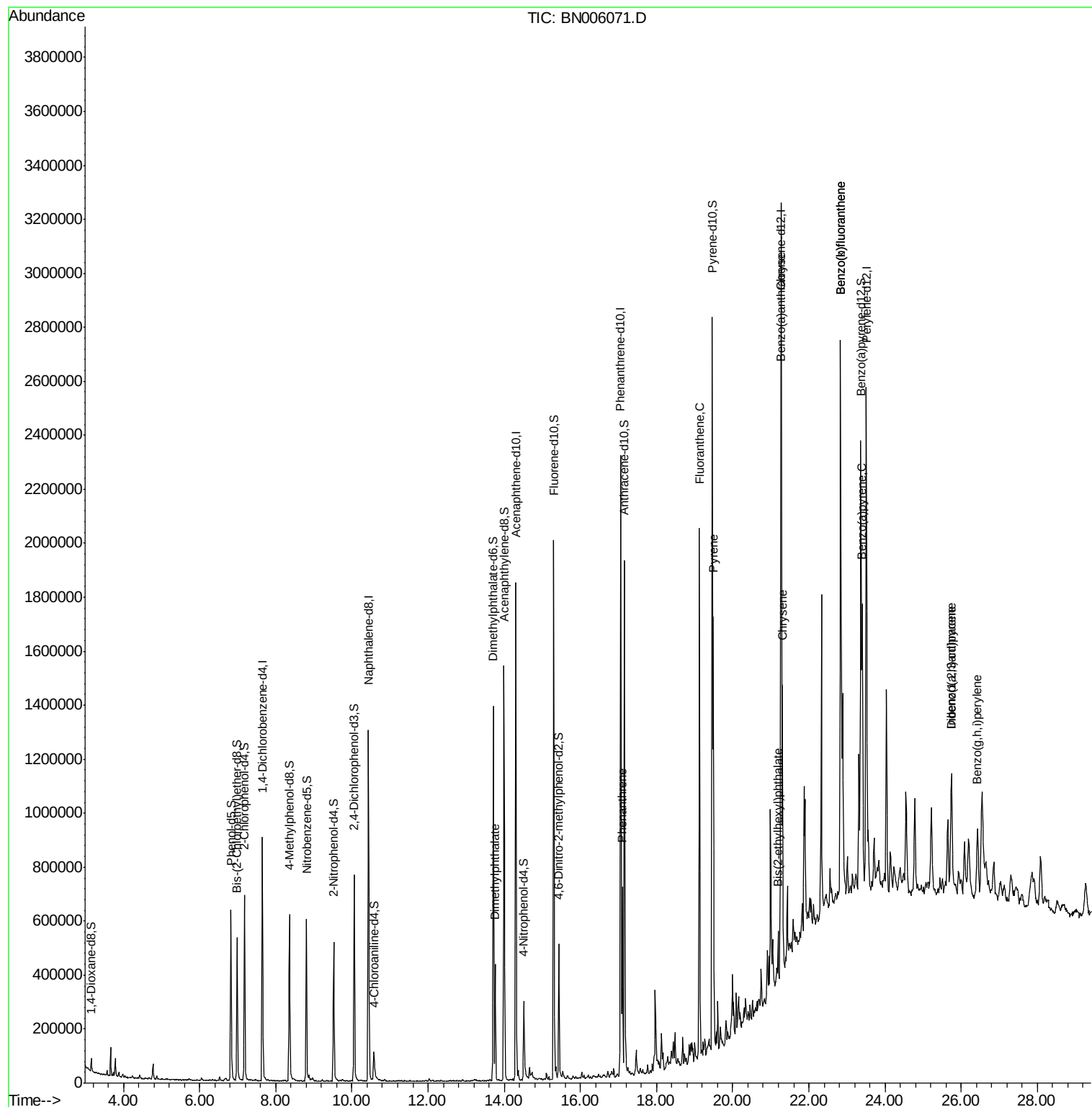
					Ovalue	
44) Dimethylphthalate	13.76	163	266169	6.304	ng/ul	99
69) Phenanthrene	17.10	178	392644	6.093	ng/ul	99
76) Fluoranthene	19.13	202	1136083	15.730	ng/ul	99
79) Pyrene	19.49	202	927904	12.694	ng/ul	99
82) Benzo(a)anthracene	21.26	228	448004	6.129	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	55488	1.123	ng/ul#	99
84) Chrysene	21.31	228	601287	8.582	ng/ul	98
87) Benzo(b)fluoranthene	22.84	252	809886	11.415	ng/ul#	96
88) Benzo(k)fluoranthene	22.84	252	809886	11.661	ng/ul#	97
90) Benzo(a)pyrene	23.41	252	467393	6.814	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	383920	4.591	ng/ul	95
92) Dibenzo(a,h)anthracene	25.75	278	94469	1.339	ng/ul#	80
93) Benzo(g,h,i)perylene	26.43	276	279710	3.935	ng/ul	98

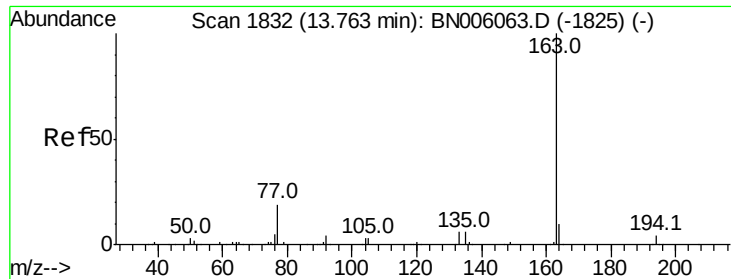
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 04 17:47:25 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 6.304 ng/ul

RT: 13.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

Instrument :

BNA_N

ClientSampled :

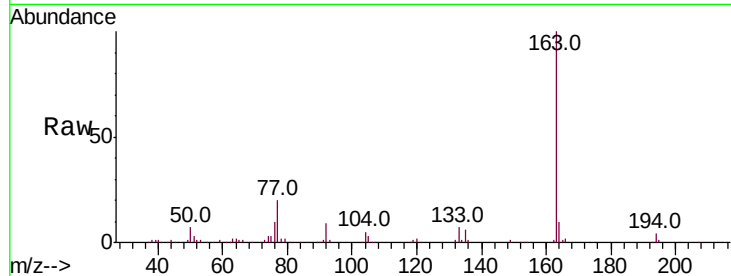
Tot Ion:163 Resp: 266169

Ion Ratio Lower Upper

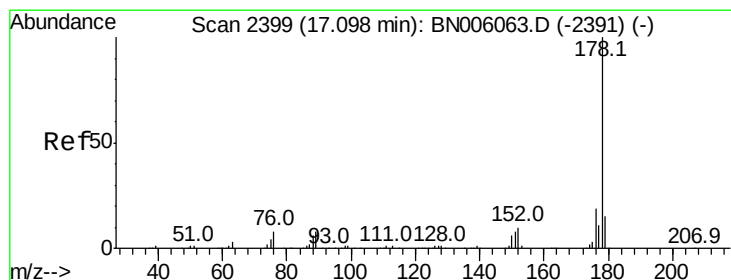
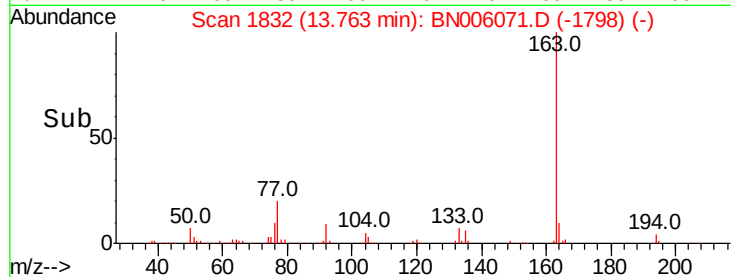
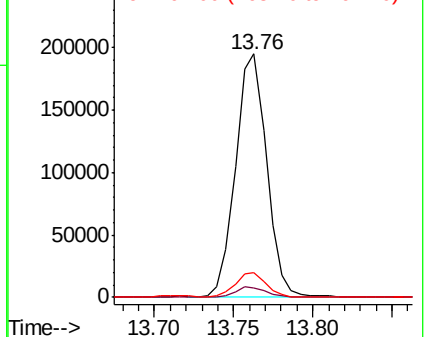
163 100

194 4.0 3.4 5.2

164 10.0 8.2 12.2



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



#69

Phenanthrene

Concen: 6.093 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

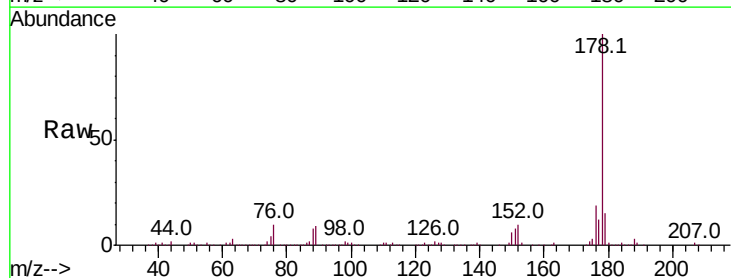
Tgt Ion:178 Resp: 392644

Ion Ratio Lower Upper

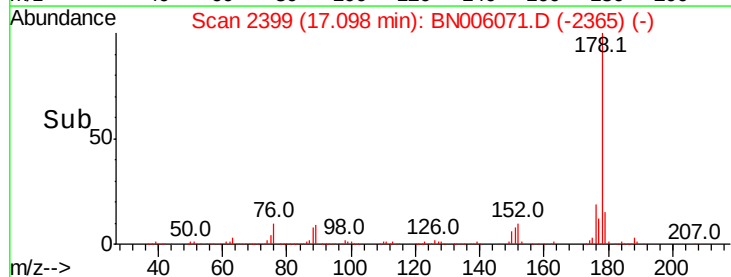
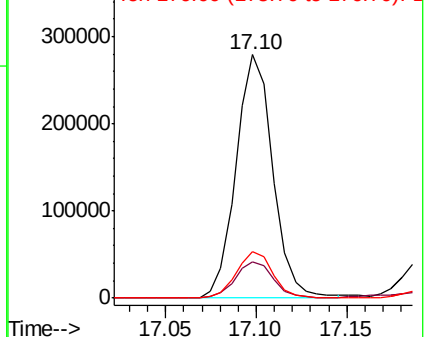
178 100

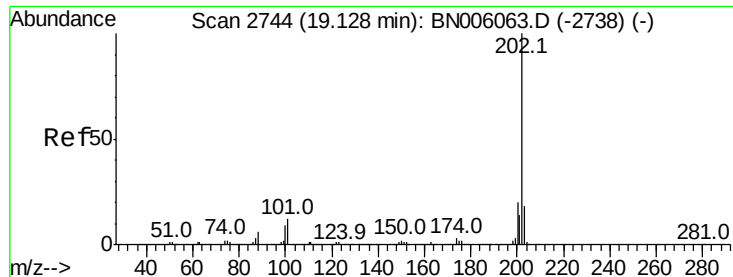
179 14.9 11.8 17.8

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: 15.730 ng/ul

RT: 19.13 min Scan# 2744

Delta R.T. -0.00 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

Instrument :

BNA_N

ClientSampleId :

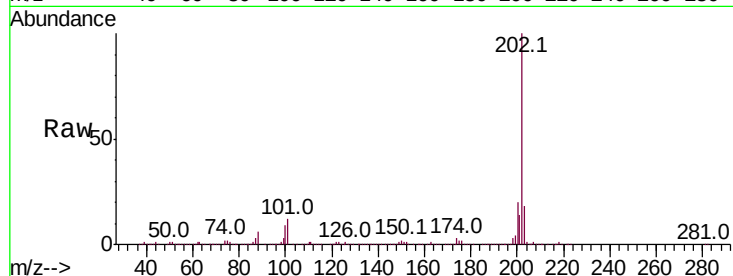
Tot Ion:202 Resp: 1136083

Ion Ratio Lower Upper

202 100

101 12.4 9.6 14.4

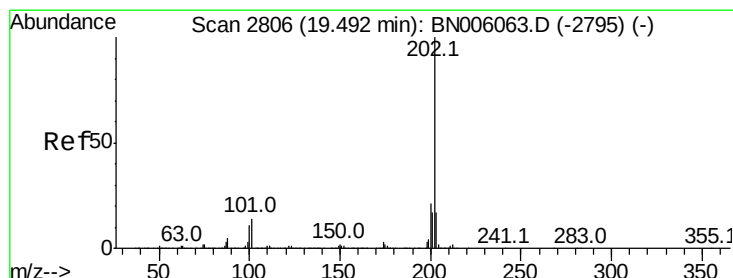
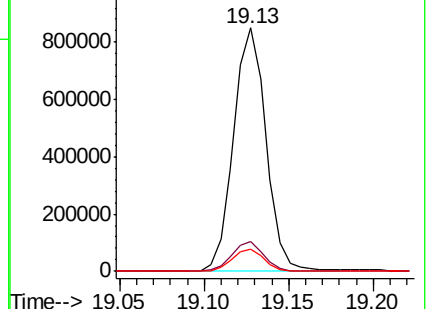
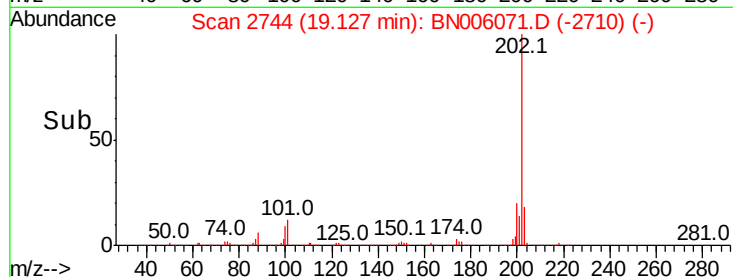
100 9.1 7.1 10.7



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



#79

Pyrene

Concen: 12.694 ng/ul

RT: 19.49 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

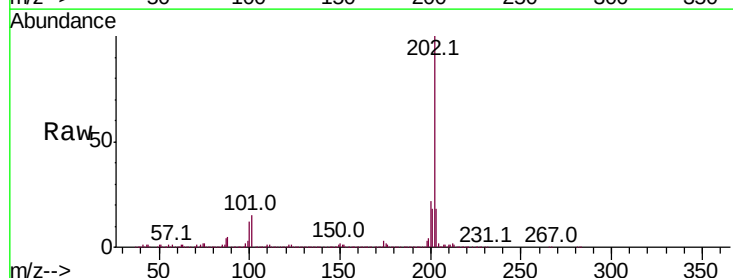
Tgt Ion:202 Resp: 927904

Ion Ratio Lower Upper

202 100

101 14.9 11.5 17.3

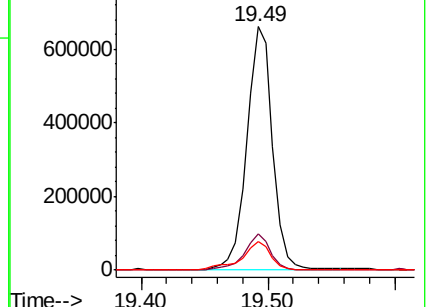
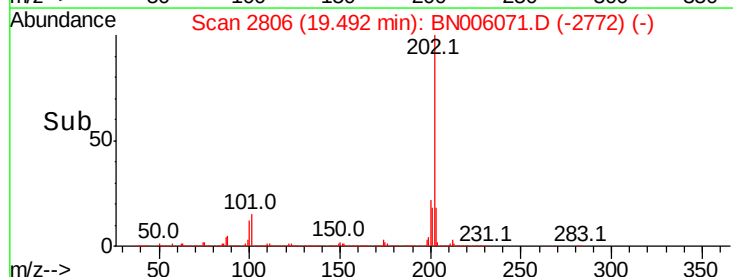
100 11.8 9.0 13.6

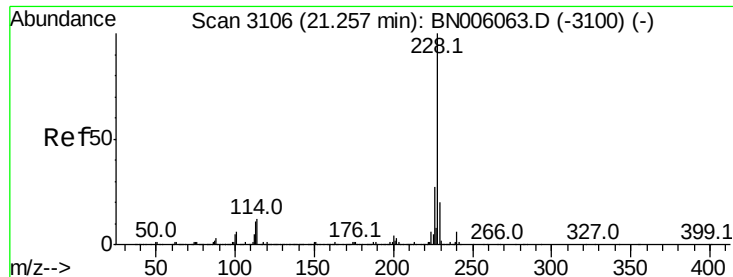


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 6.129 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

Instrument :

BNA_N

ClientSampleId :

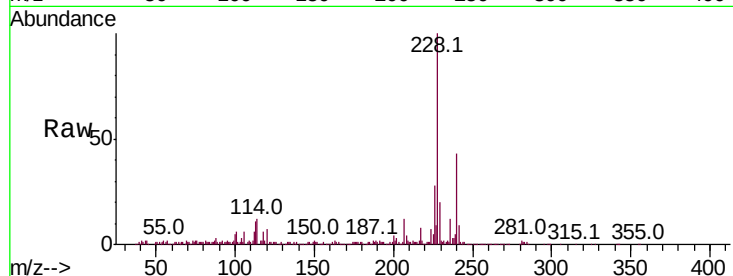
Tot Ion:228 Resp: 448004

Ion Ratio Lower Upper

228 100

229 19.8 16.1 24.1

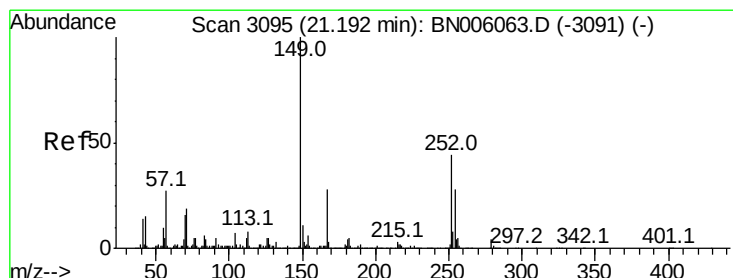
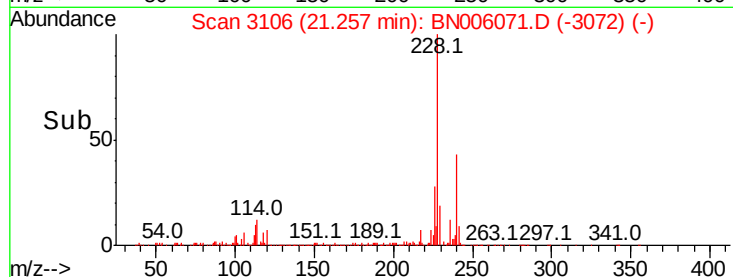
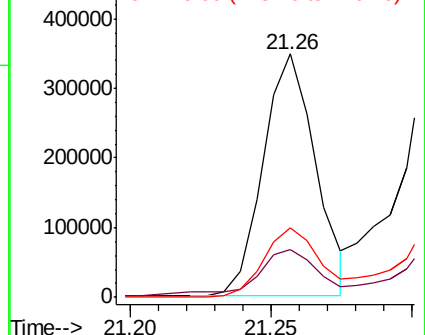
226 28.4 21.9 32.9



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: 1.123 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

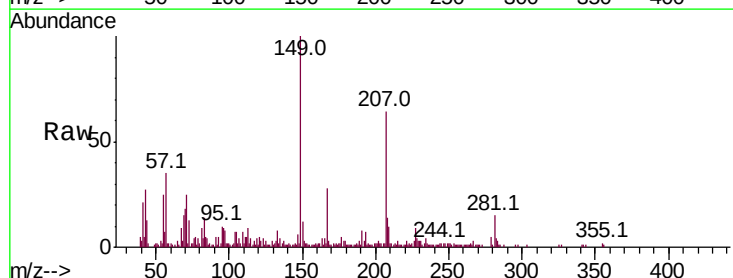
Tgt Ion:149 Resp: 55488

Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

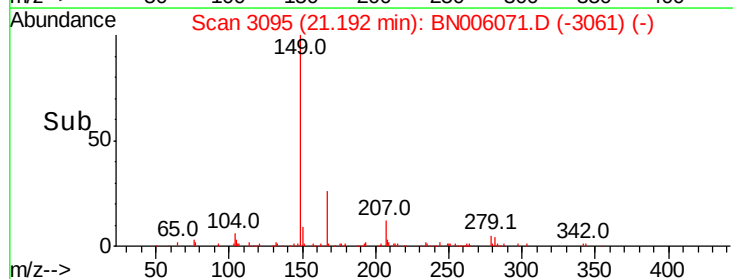
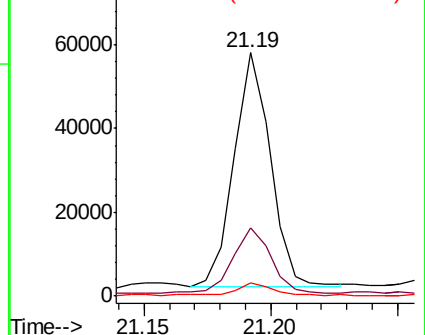
279 5.2 3.3 4.9#

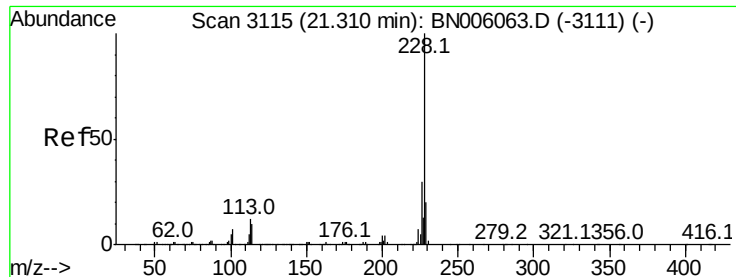


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 8.582 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

Instrument :

BNA_N

ClientSampled :

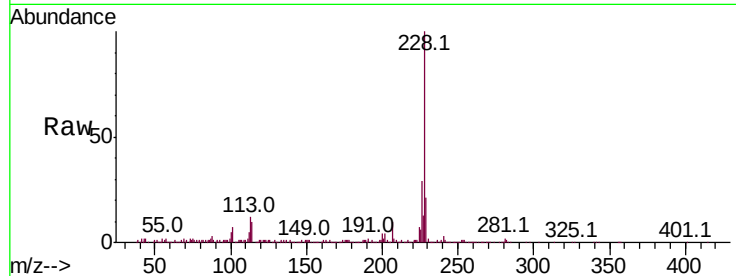
Tot Ion:228 Resp: 601287

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

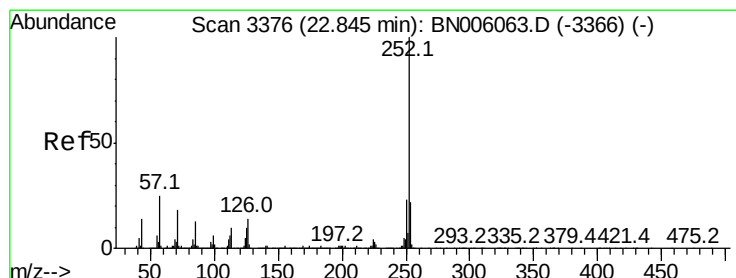
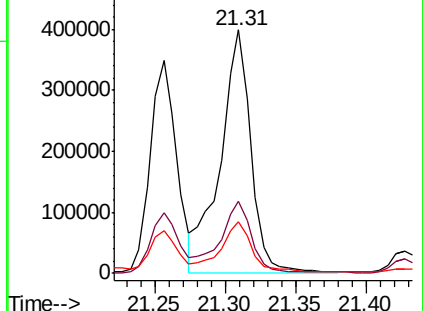
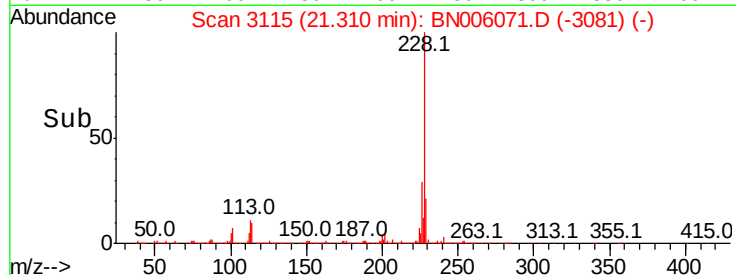
229 21.4 16.0 24.0



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: 11.415 ng/ul

RT: 22.84 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

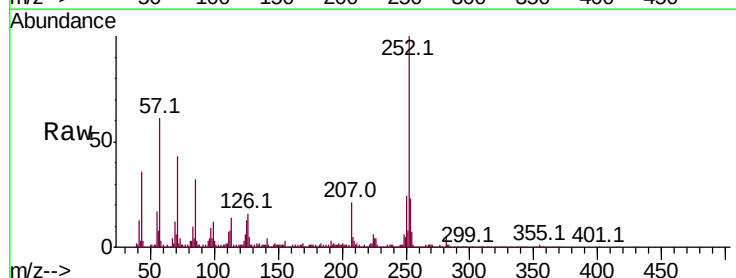
Tgt Ion:252 Resp: 809886

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

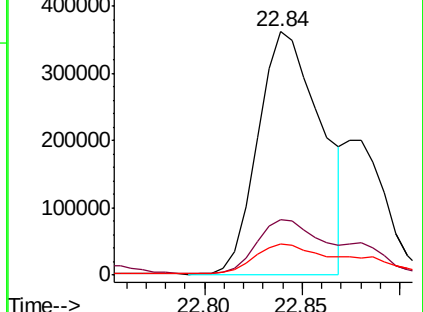
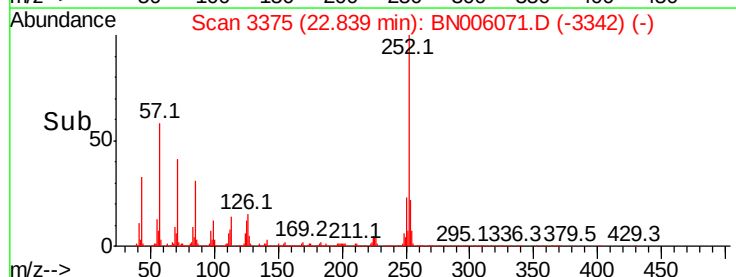
125 13.0 8.2 12.2#

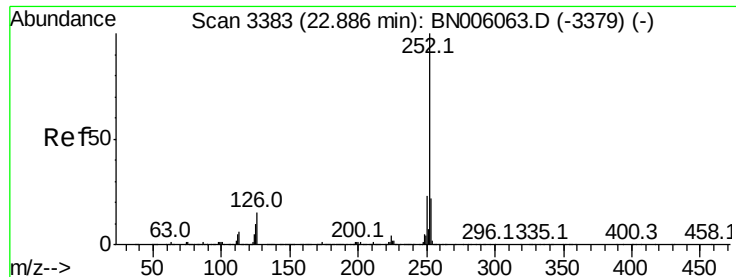


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 11.661 ng/ul

RT: 22.84 min Scan# 3375

Delta R.T. -0.05 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

Instrument :

BNA_N

ClientSampled :

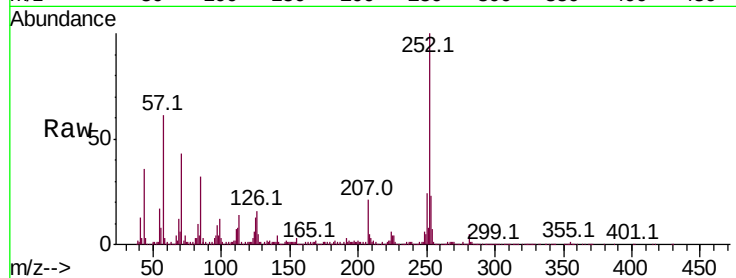
Tot Ion:252 Resp: 809886

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

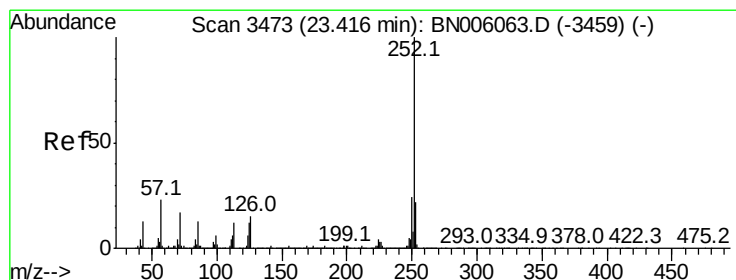
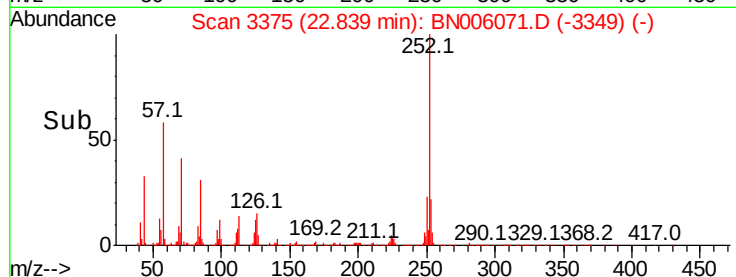
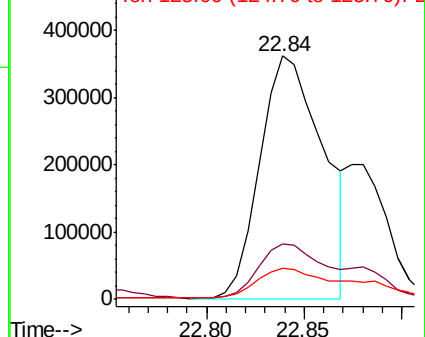
125 13.0 8.0 12.0#



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: 6.814 ng/ul

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

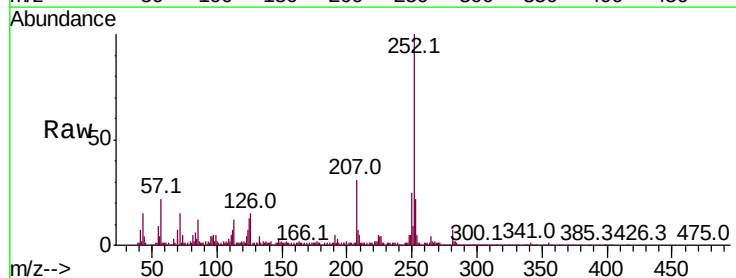
Tgt Ion:252 Resp: 467393

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

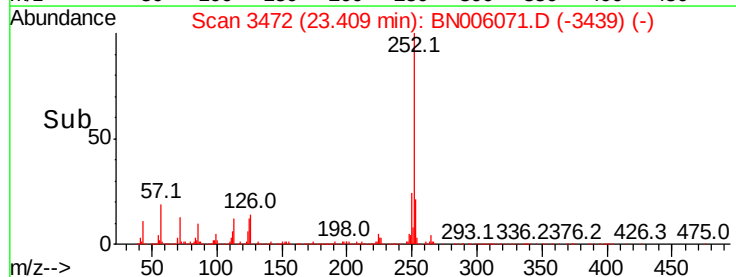
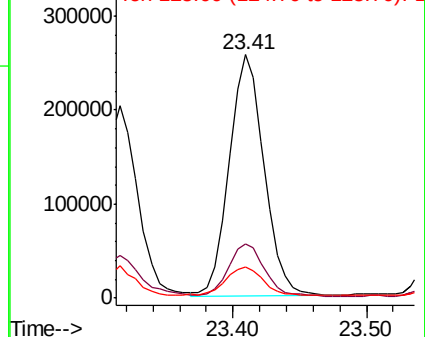
125 12.8 9.7 14.5

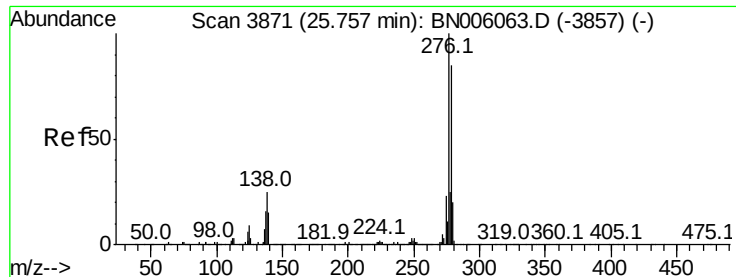


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



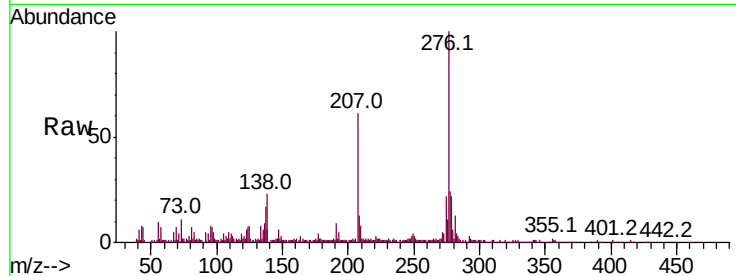


#91

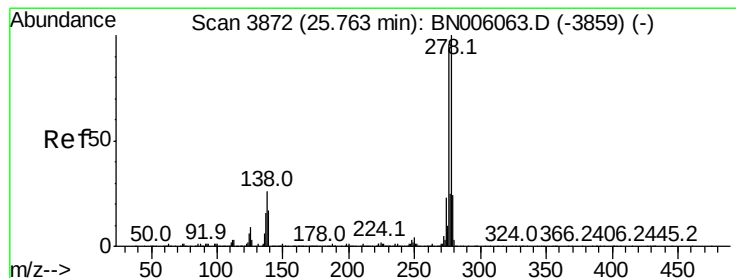
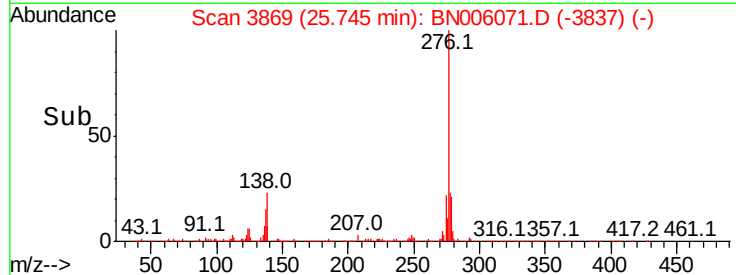
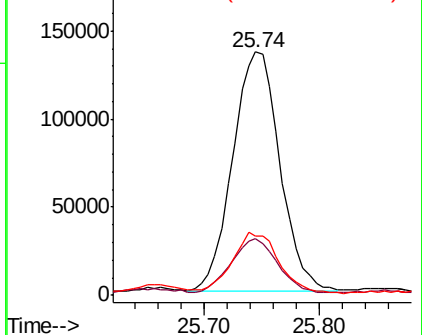
Indeno(1,2,3-cd)pyrene
Concen: 4.591 ng/ul
RT: 25.74 min Scan# 3869
Delta R.T. -0.01 min
Lab File: BN006071.D
Acq: 04 Jun 2019 19:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	20.2	30.4
277	24.3	19.8	29.8



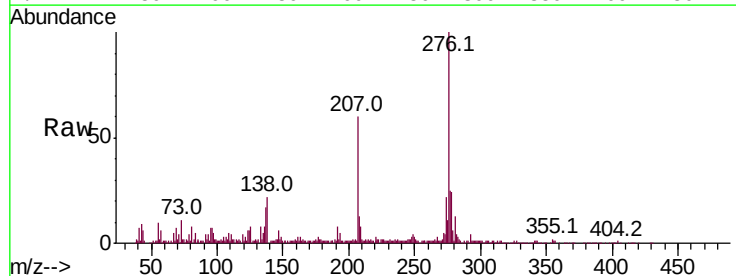
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



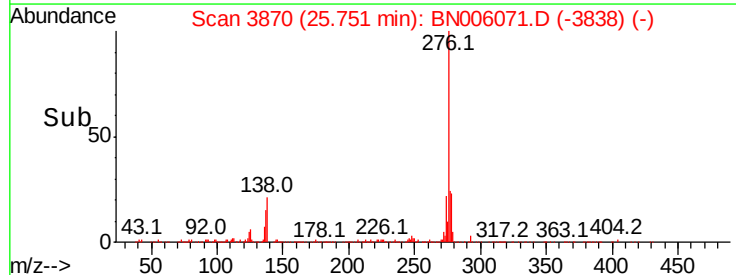
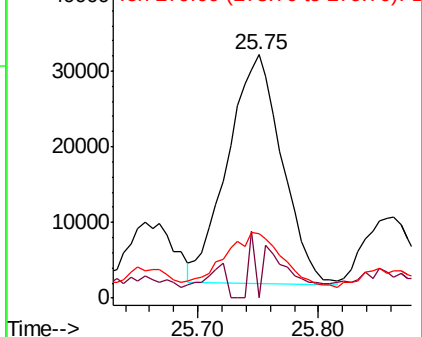
#92

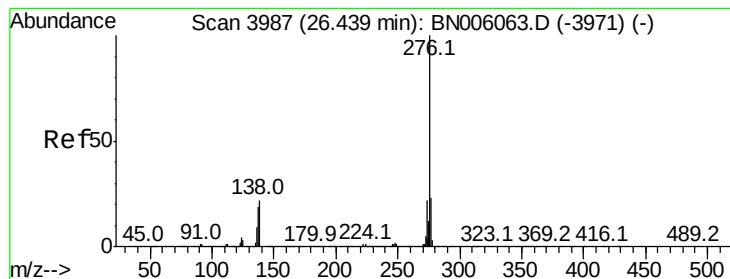
Dibenzo(a,h)anthracene
Concen: 1.339 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BN006071.D
Acq: 04 Jun 2019 19:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.6	20.4#
279	26.5	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 3.935 ng/ul

RT: 26.43 min Scan# 3986

Delta R.T. -0.01 min

Lab File: BN006071.D

Acq: 04 Jun 2019 19:39

Instrument :

BNA_N

ClientSampleId :

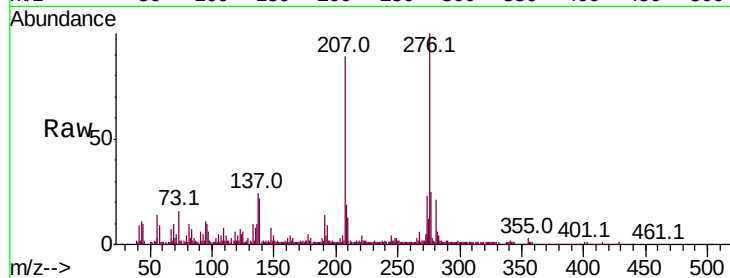
Tot Ion: 276 Resp: 279710

Ion Ratio Lower Upper

276 100

138 21.8 18.0 27.0

277 24.6 18.8 28.2



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

