

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000191.D
 Acq On : 11 Sep 2019 01:53
 Operator : HP/JU
 Sample : K4633-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 11 04:12:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 02:03:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	469171	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1747597	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	906364	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1519958	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1149202	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1250328	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.62	96	47361	3.58	ng/uL	0.02
5) Phenol-d5	6.52	99	878189	21.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	448267	21.45	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	726998	22.50	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	672583	22.40	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	343058	25.85	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	365239	28.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	638269	23.28	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	564279	16.64	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1754893	26.22	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2027438	24.51	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	244644	20.46	ng/ul	0.00
58) Fluorene-d10	10.47	176	1396589	24.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	85295	12.21	ng/ul	0.00
71) Anthracene-d10	11.51	188	1832386	24.89	ng/ul	0.00
79) Pyrene-d10	12.90	212	1827304	26.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.60	264	1716028	26.48	ng/ul	0.01

Target Compounds

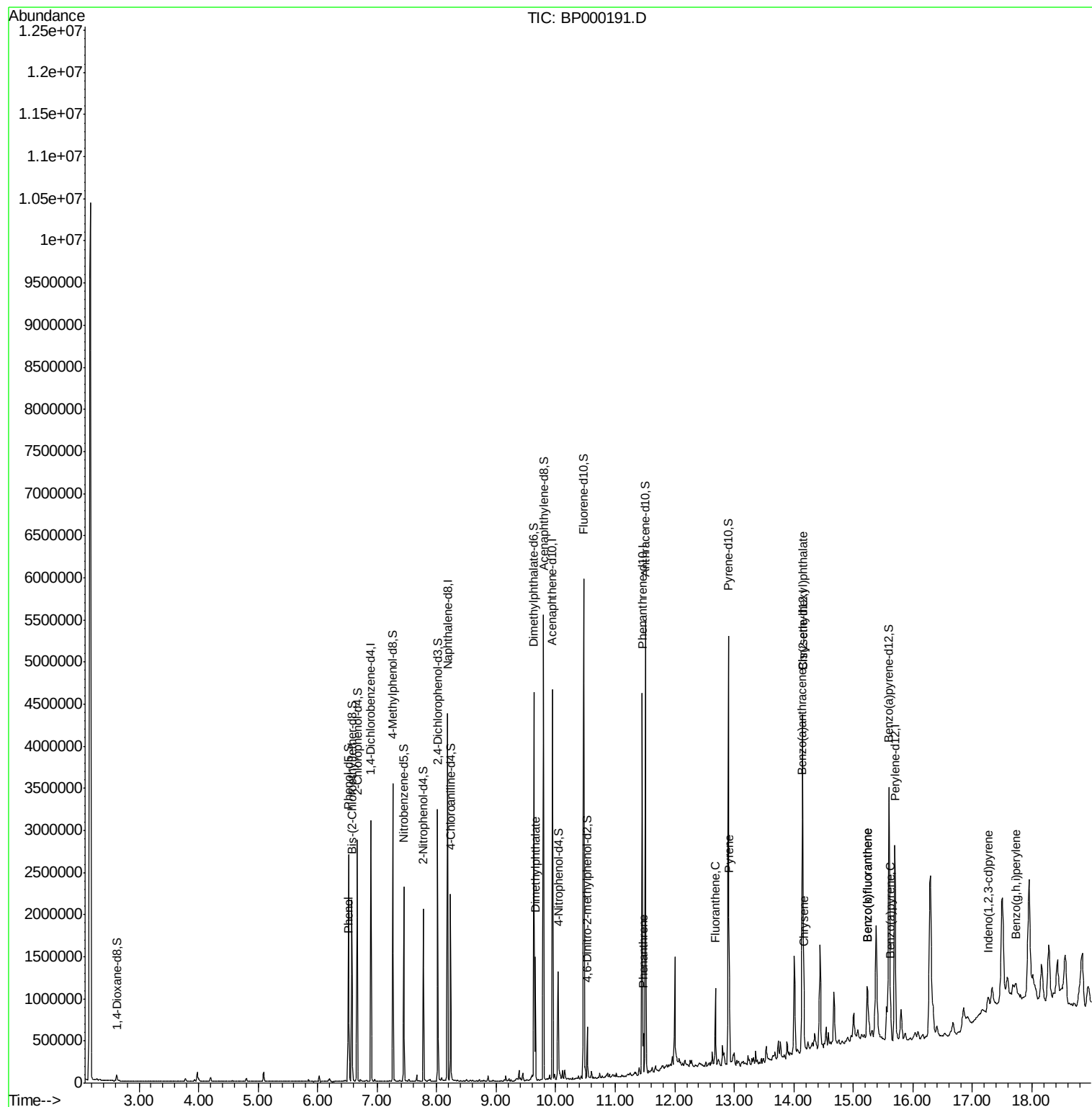
					Ovalue
6) Phenol	6.53	94	165288	3.969 ng/ul	98
45) Dimethylphthalate	9.66	163	531938	7.876 ng/ul	100
70) Phenanthrene	11.47	178	169163	1.882 ng/ul	99
77) Fluoranthene	12.69	202	385643	4.254 ng/ul	96
80) Pyrene	12.92	202	338678	3.906 ng/ul	97
83) Benzo(a)anthracene	14.13	228	224068	2.694 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	14.15	149	237975	5.037 ng/ul	98
85) Chrysene	14.17	228	249539	3.269 ng/ul	96
88) Benzo(b)fluoranthene	15.23	252	397126	4.792 ng/ul	98
89) Benzo(k)fluoranthene	15.23	252	397126	5.084 ng/ul	99
91) Benzo(a)pyrene	15.63	252	192969	2.482 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	17.26	276	120354	1.346 ng/ul	93
94) Benzo(g,h,i)perylene	17.73	276	114110	1.530 ng/ul	95

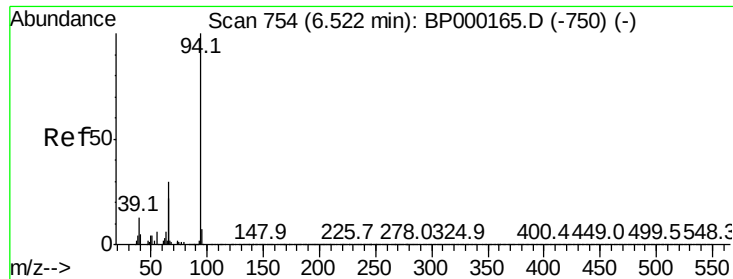
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 02:03:45 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.969 ng/ul

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BP000191.D

Acq: 11 Sep 2019 01:53

Instrument :

BNA_P

ClientSampleId :

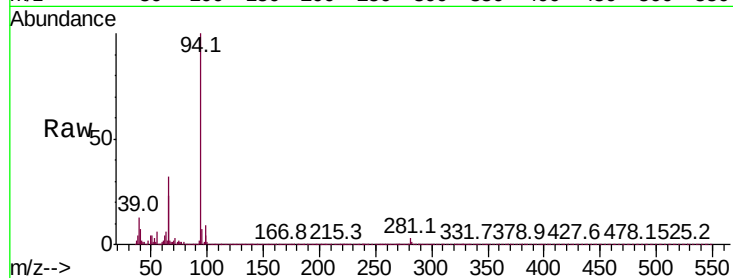
Tot Ion: 94 Resp: 165288

Ion Ratio Lower Upper

94 100

65 22.9 18.8 28.2

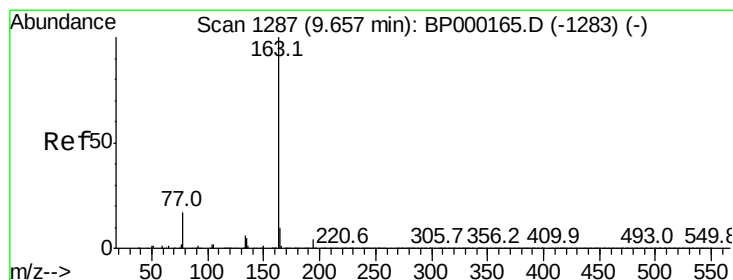
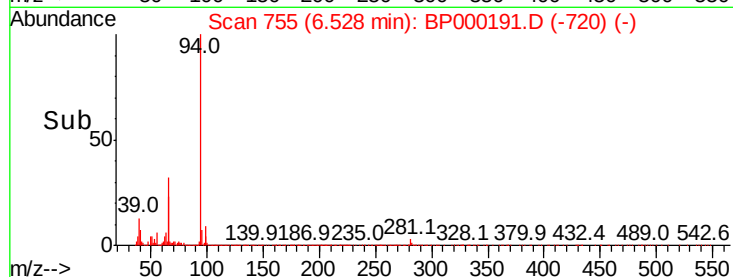
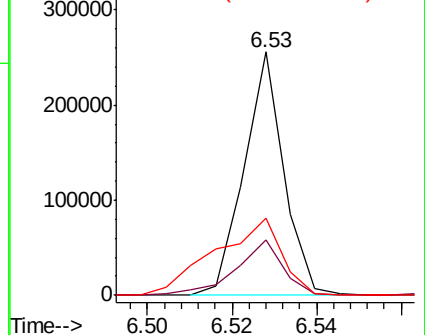
66 31.6 24.2 36.2



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#45

Dimethylphthalate

Concen: 7.876 ng/ul

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BP000191.D

Acq: 11 Sep 2019 01:53

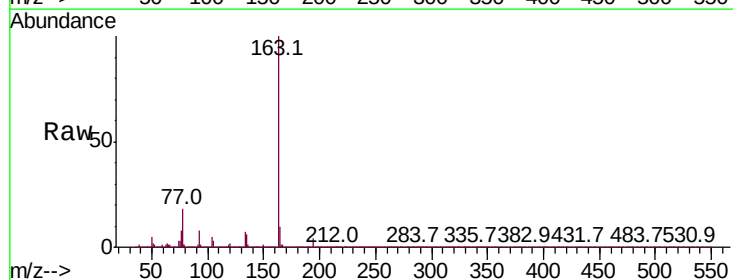
Tgt Ion:163 Resp: 531938

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

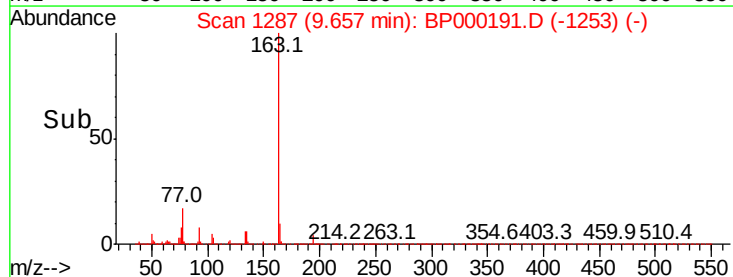
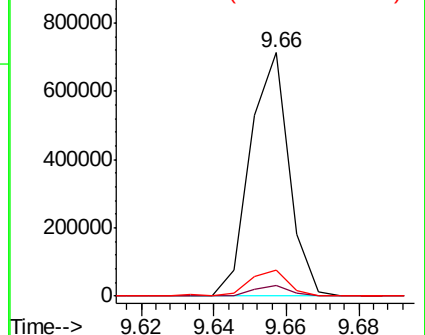
164 10.5 8.4 12.6

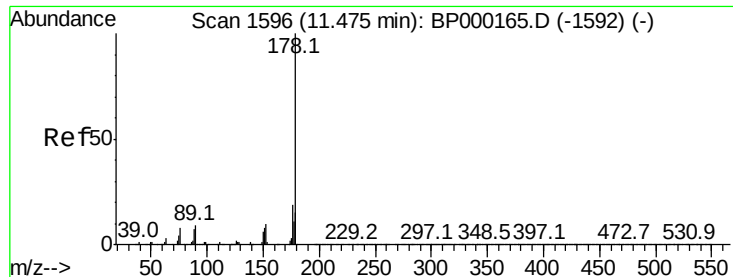


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 1.882 ng/ul

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BP000191.D

Acq: 11 Sep 2019 01:53

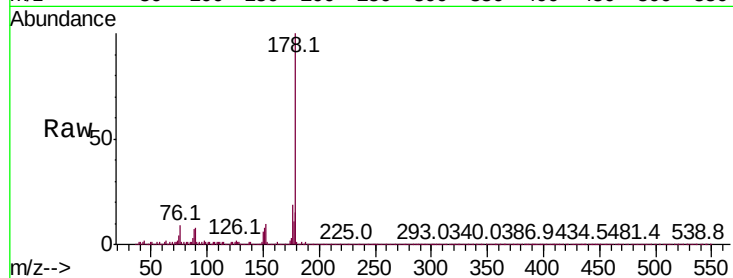
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 169163

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	18.7	15.7	23.5

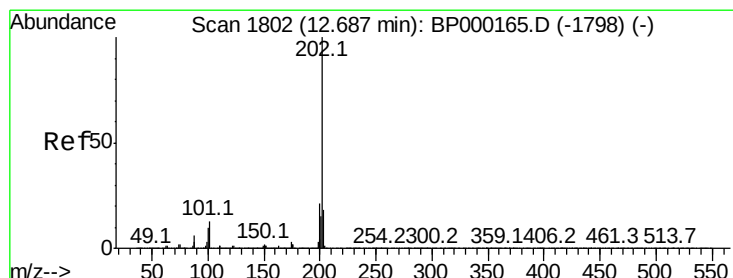
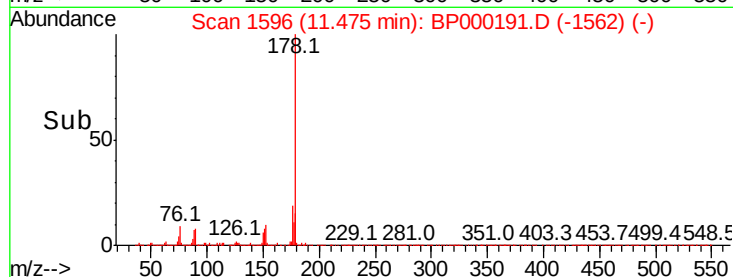
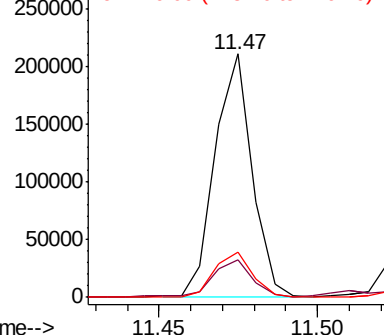


Abundance

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: 4.254 ng/ul

RT: 12.69 min Scan# 1802

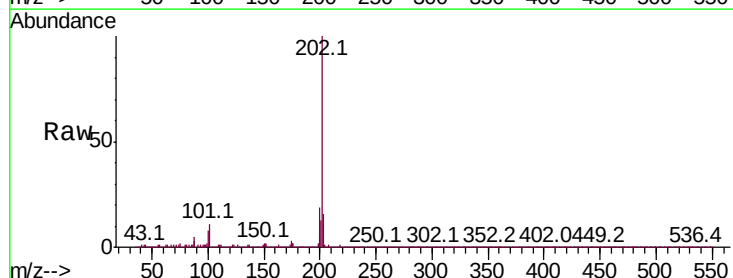
Delta R.T. -0.00 min

Lab File: BP000191.D

Acq: 11 Sep 2019 01:53

Tgt Ion:202 Resp: 385643

Ion	Ratio	Lower	Upper
202	100		
101	10.6	10.0	15.0
100	8.0	7.4	11.2

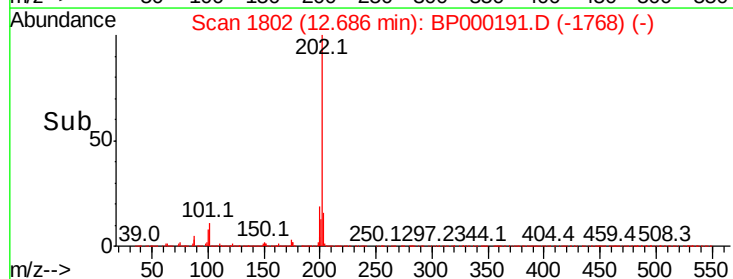
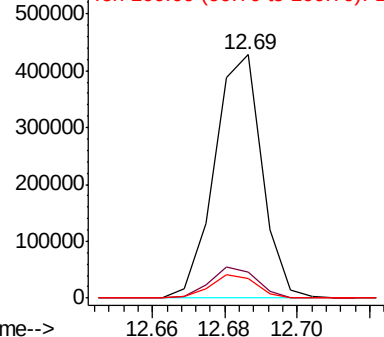


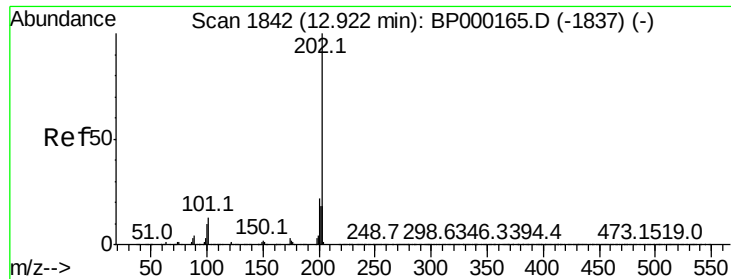
Abundance

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

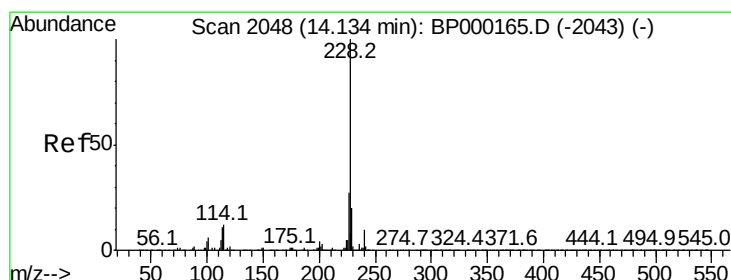
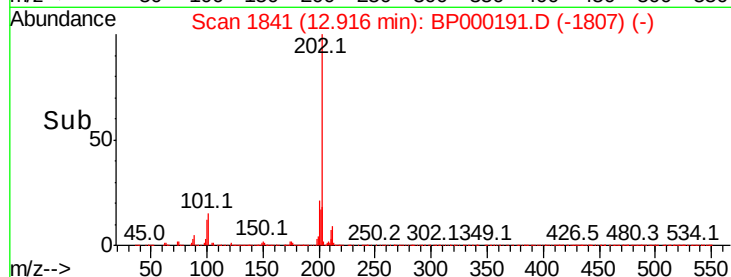
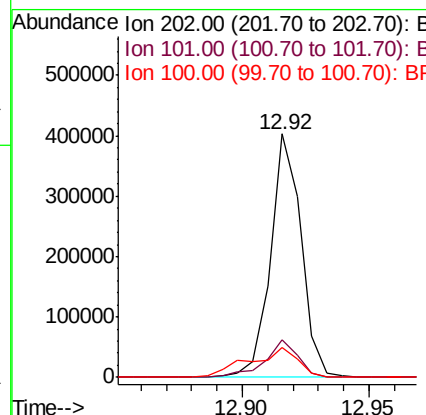
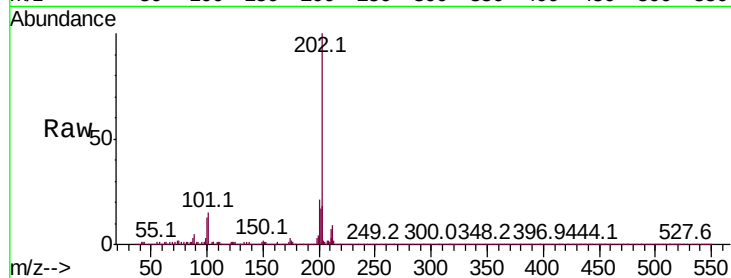




#80
Pvrene
Concen: 3.906 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BP000191.D
Acq: 11 Sep 2019 01:53

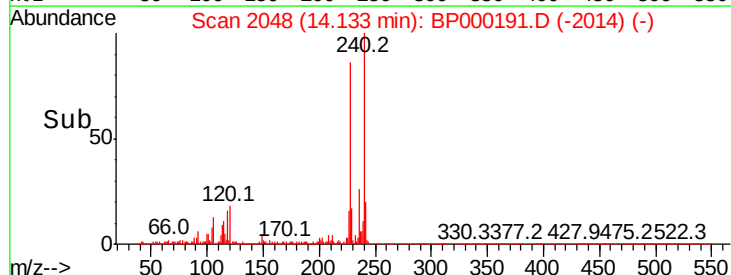
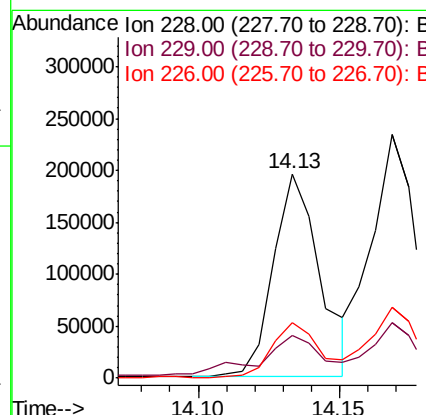
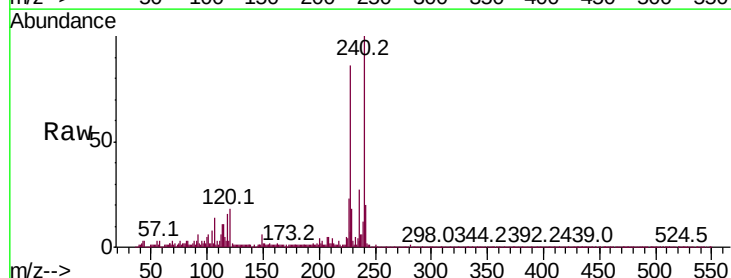
Instrument :
BNA_P
ClientSampled :

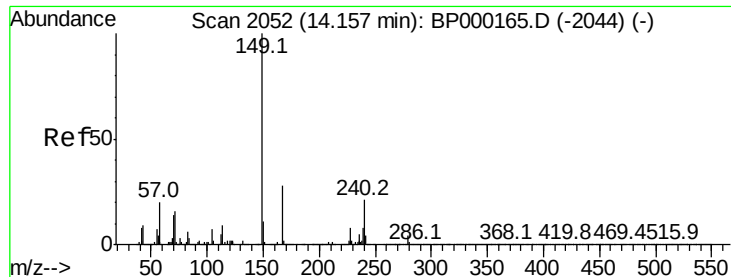
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.3	13.4	20.0
100	12.5	10.8	16.2



#83
Benzo(a)anthracene
Concen: 2.694 ng/ul
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BP000191.D
Acq: 11 Sep 2019 01:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	27.1	22.1	33.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.037 ng/ul

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BP000191.D

Acq: 11 Sep 2019 01:53

Instrument :

BNA_P

ClientSampleId :

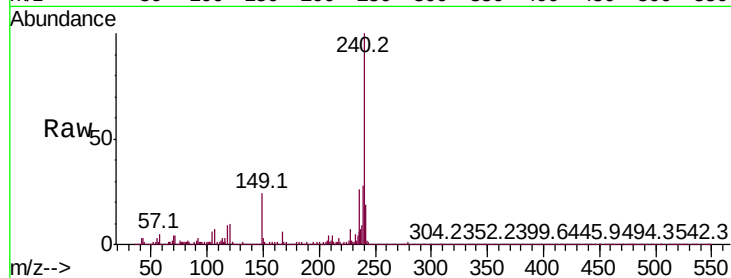
Tot Ion:149 Resp: 237975

Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.8

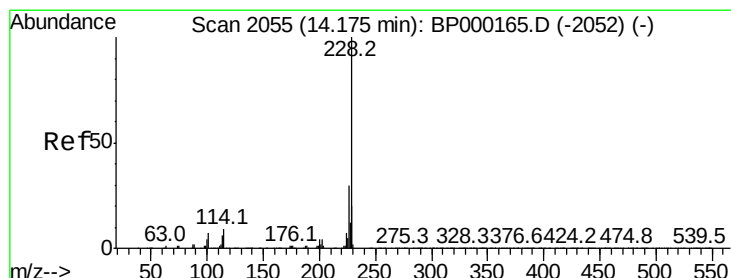
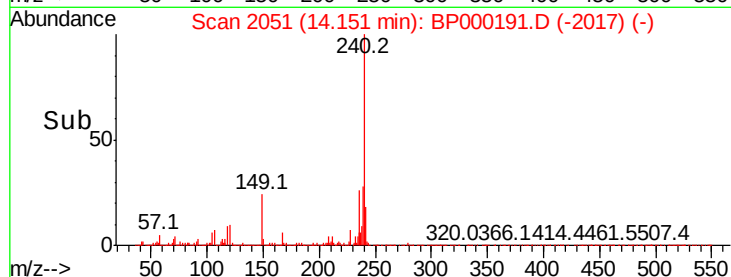
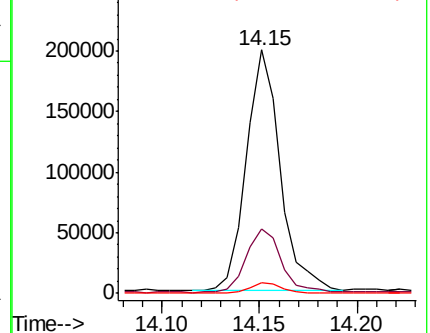
279 4.3 3.0 4.4



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



#85

Chrysene

Concen: 3.269 ng/ul

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BP000191.D

Acq: 11 Sep 2019 01:53

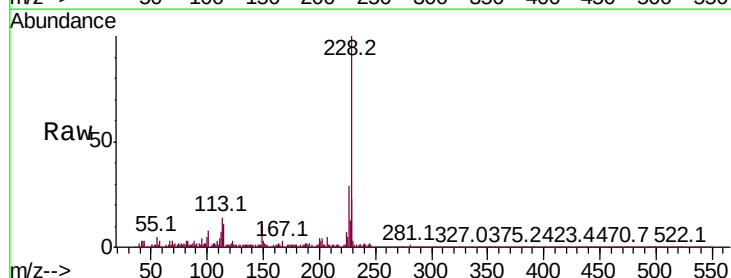
Tgt Ion:228 Resp: 249539

Ion Ratio Lower Upper

228 100

226 29.3 24.4 36.6

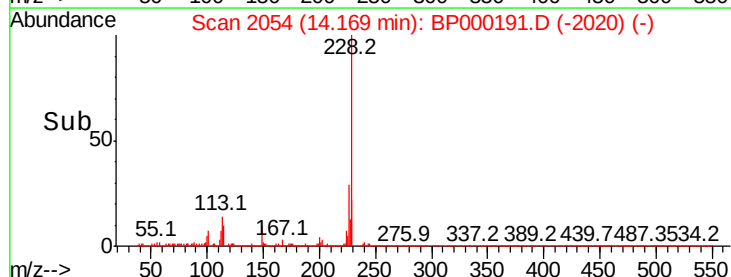
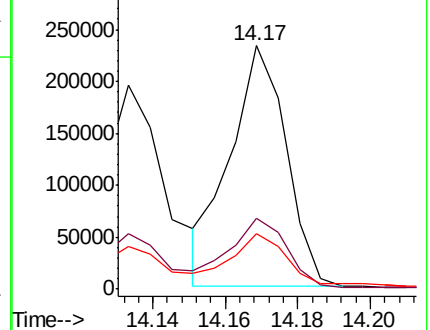
229 22.8 16.0 24.0

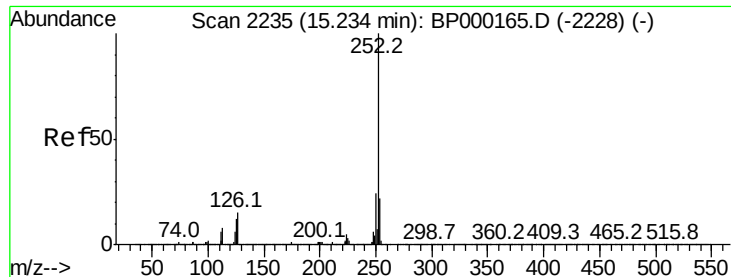


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.792 ng/ul

RT: 15.23 min Scan# 2235

Delta R.T. 0.01 min

Lab File: BP000191.D

Acq: 11 Sep 2019 01:53

Instrument :

BNA_P

ClientSampled :

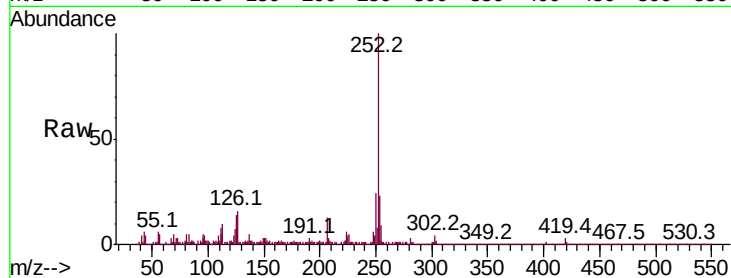
Tot Ion:252 Resp: 397126

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

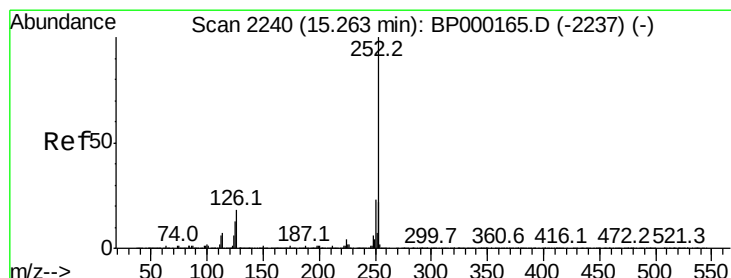
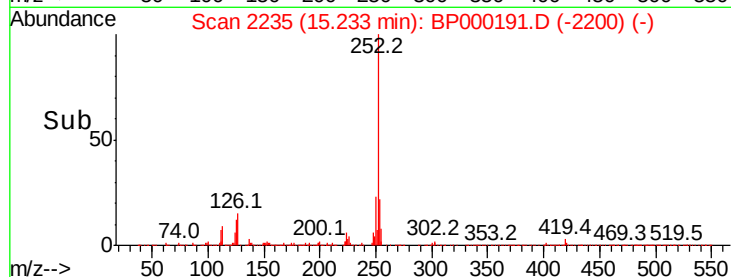
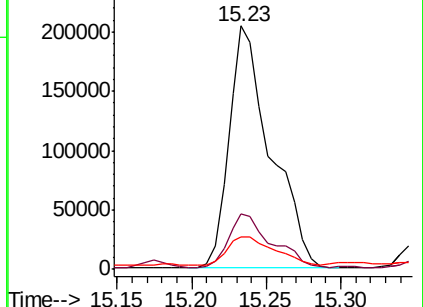
125 13.5 9.9 14.9



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: 5.084 ng/ul

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BP000191.D

Acq: 11 Sep 2019 01:53

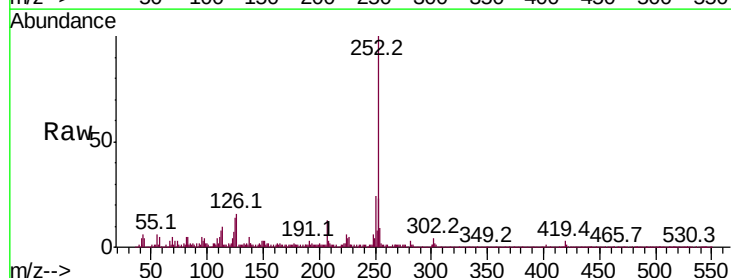
Tgt Ion:252 Resp: 397126

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

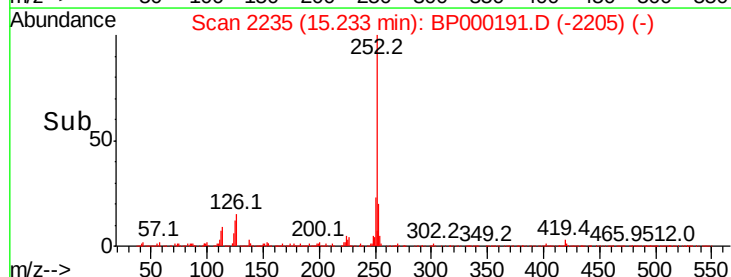
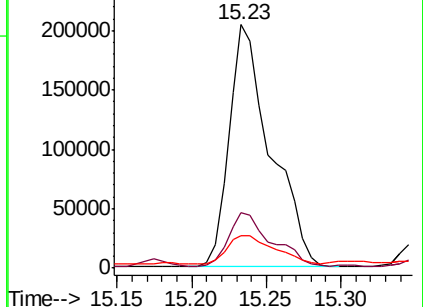
125 13.5 10.2 15.2

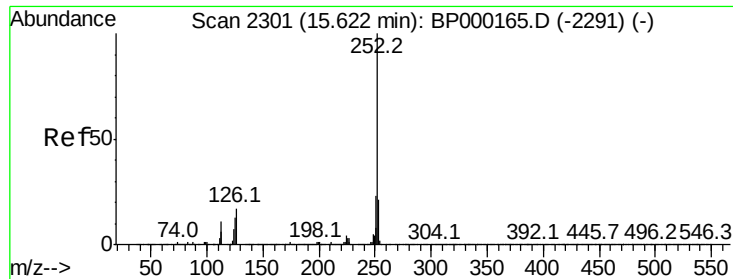


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.482 ng/ul

RT: 15.63 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BP000191.D

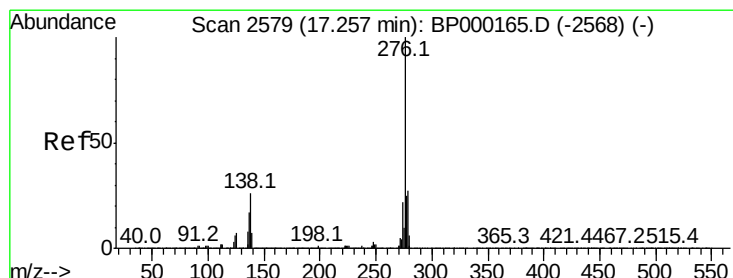
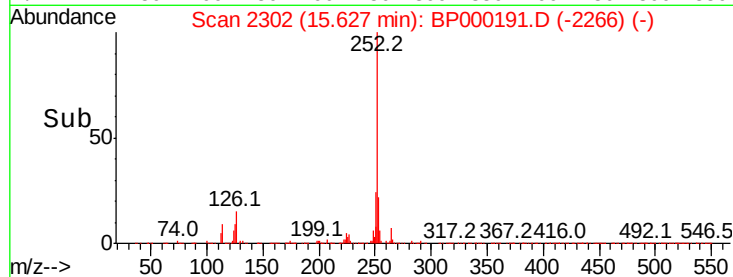
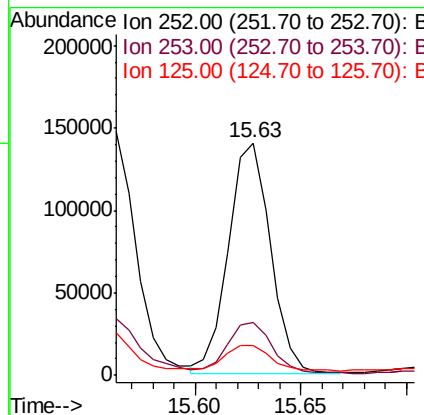
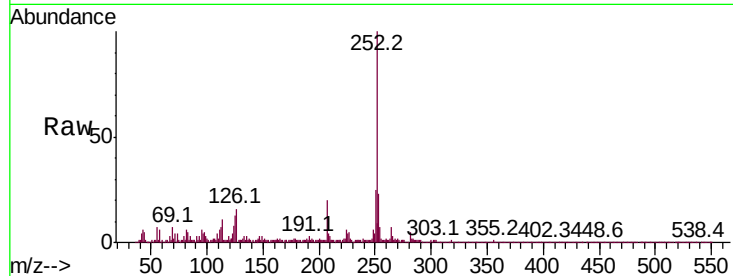
Acq: 11 Sep 2019 01:53

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	252	Resp:	192969
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.0	10.2	15.2



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.346 ng/ul

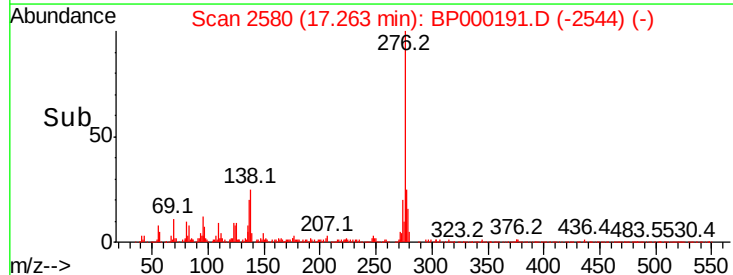
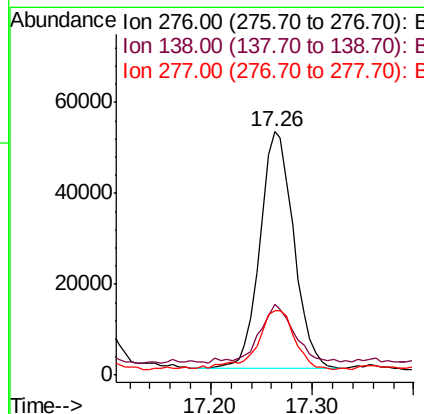
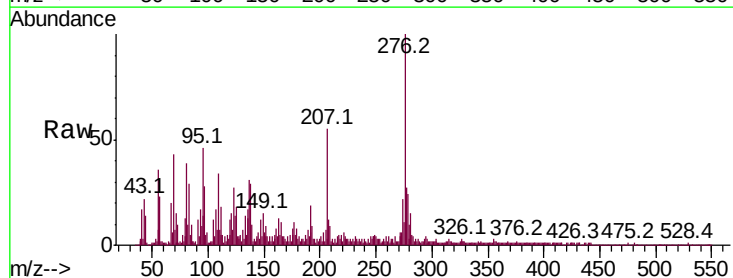
RT: 17.26 min Scan# 2580

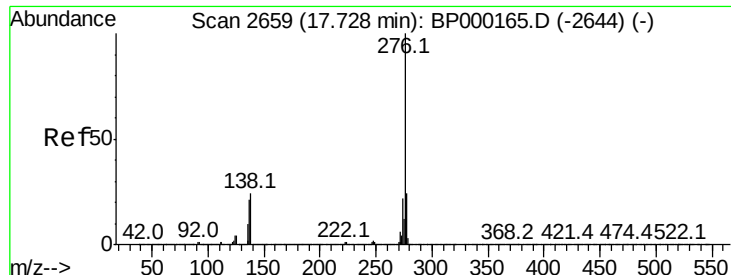
Delta R.T. 0.01 min

Lab File: BP000191.D

Acq: 11 Sep 2019 01:53

Tgt Ion:	276	Resp:	120354
Ion	Ratio	Lower	Upper
276	100		
138	29.2	20.0	30.0
277	26.7	19.4	29.0





#94

Benzo(a,h,i)perylene

Concen: 1.530 ng/ul

RT: 17.73 min Scan# 2660

Delta R.T. 0.01 min

Lab File: BP000191.D

Acq: 11 Sep 2019 01:53

Instrument :

BNA_P

ClientSampleId :

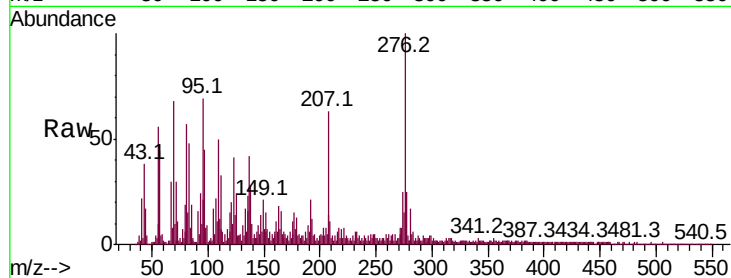
Tot Ion: 276 Resp: 114110

Ion Ratio Lower Upper

276 100

138 28.4 20.0 30.0

277 25.5 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

