

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005347.D
 Acq On : 27 Apr 2019 09:09
 Operator : JU/SJ
 Sample : K2455-21DL 25X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 29 02:24:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	428792	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1770716	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1031733	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2225797	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1600832	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	1599157	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.22	96	1551	0.17	ng/uL	0.00
5) Phenol-d5	6.78	99	34467	1.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	21362	1.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	28939	1.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	26876	1.02	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	14289	1.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	15146	1.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	29946	1.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	6916	0.26	ng/ul	0.01
43) Dimethylphthalate-d6	13.65	166	92133	1.23	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	115230	1.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	8695	0.74	ng/ul	0.02
57) Fluorene-d10	15.23	176	86738	1.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	4733	0.47	ng/ul	0.00
70) Anthracene-d10	17.08	188	130439	1.40	ng/ul	0.00
78) Pyrene-d10	19.39	212	117689	1.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	85387	1.22	ng/ul	-0.02

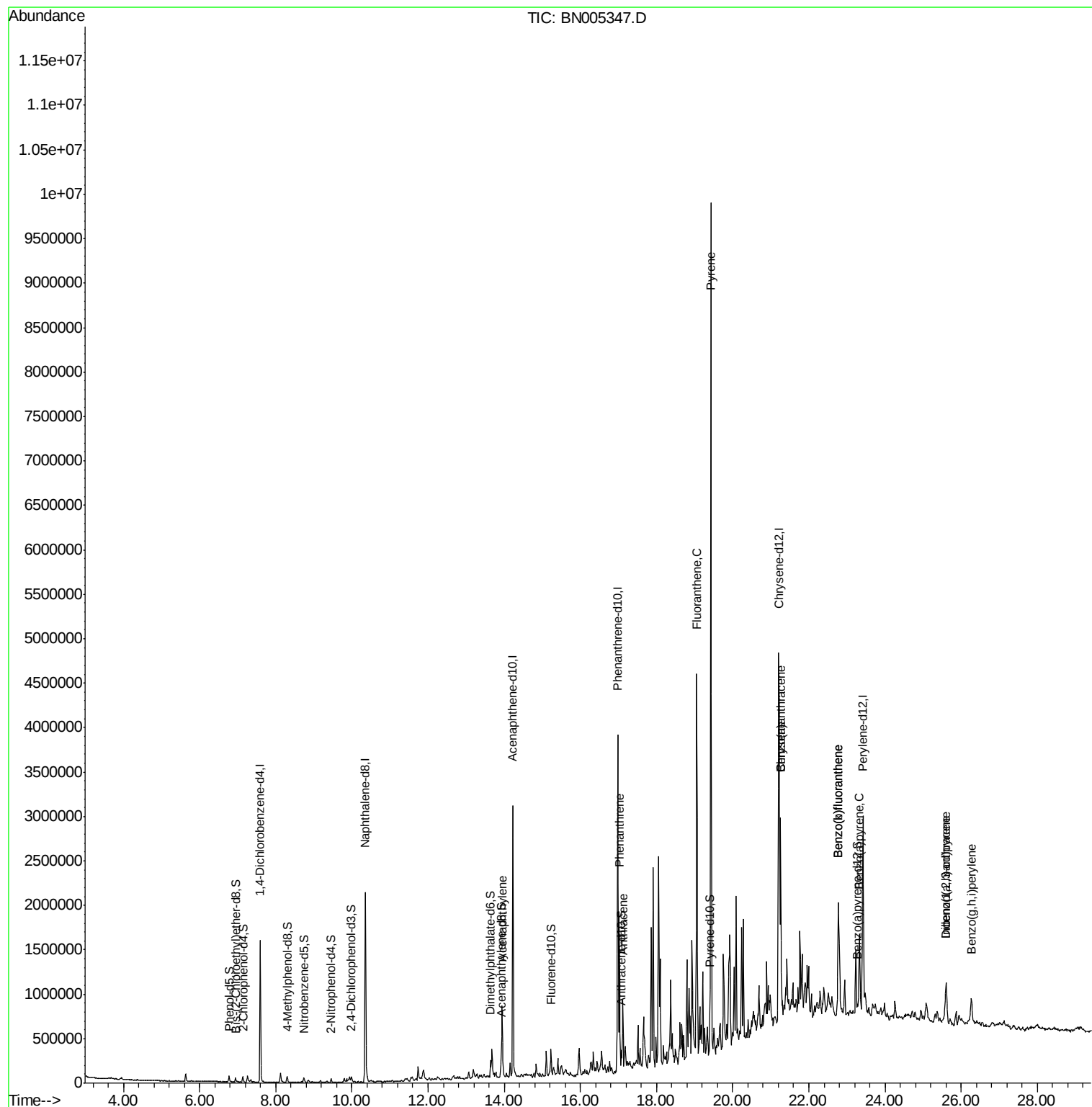
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
47) Acenaphthylene	13.95	152	609930	6.747	ng/ul	99
69) Phenanthrene	17.02	178	1112455	10.263	ng/ul	99
71) Anthracene	17.12	178	537406	4.867	ng/ul	99
76) Fluoranthene	19.06	202	2526511	21.013	ng/ul	99
79) Pyrene	19.43	202	5759098	55.874	ng/ul	98
82) Benzo(a)anthracene	21.25	228	1366788	13.724	ng/ul	95
84) Chrysene	21.25	228	1366788	14.788	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	1030624	11.465	ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	1030624	12.005	ng/ul	97
90) Benzo(a)pyrene	23.33	252	571575	6.765	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	411551	4.405	ng/ul	96
92) Dibenzo(a,h)anthracene	25.61	278	142103	1.792	ng/ul	96
93) Benzo(g,h,i)perylene	26.26	276	291830	3.778	ng/ul	100

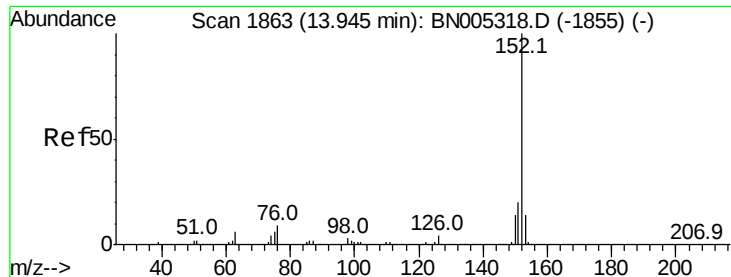
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration





#47

Acenaphthylene

Concen: 6.747 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005347.D

Acq: 27 Apr 2019 09:09

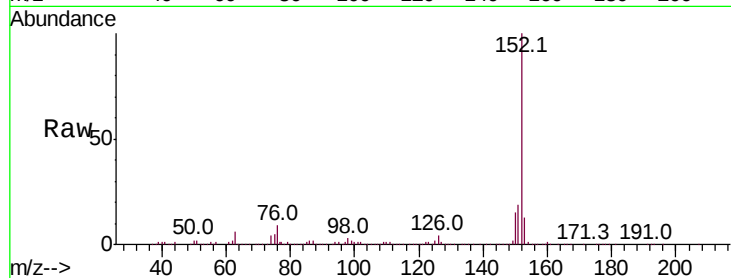
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 609930

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8
153	12.9	9.8	14.8

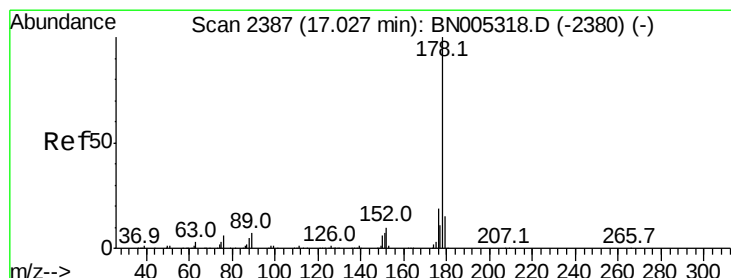
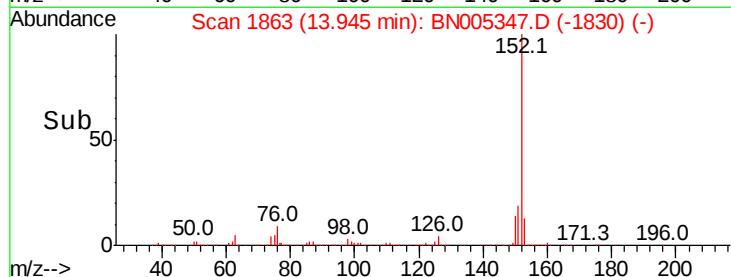
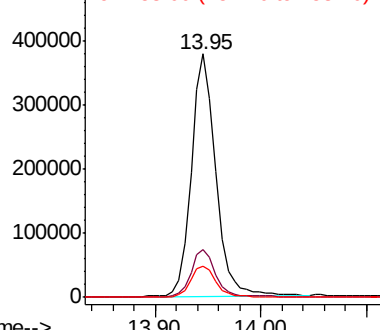


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 10.263 ng/ul

RT: 17.02 min Scan# 2386

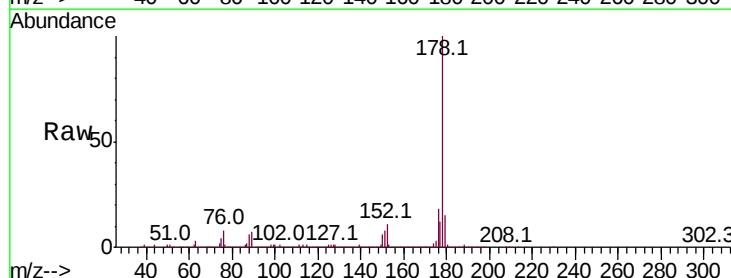
Delta R.T. -0.01 min

Lab File: BN005347.D

Acq: 27 Apr 2019 09:09

Tgt Ion:178 Resp: 1112455

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	17.9	15.1	22.7

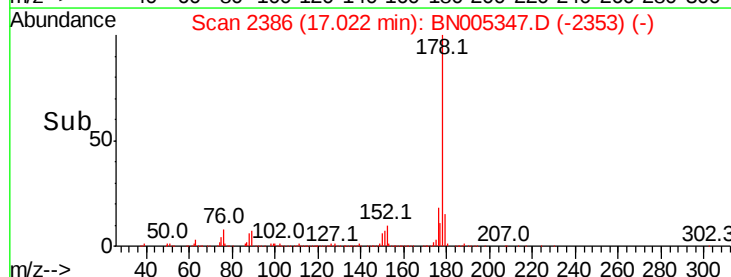
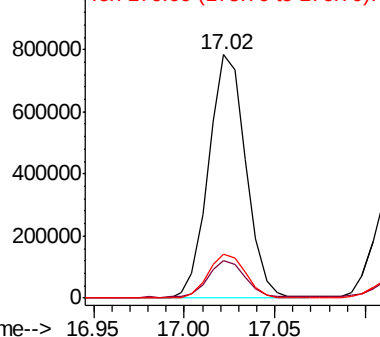


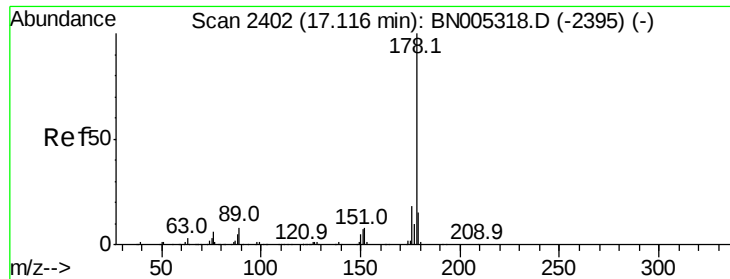
Abundance

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

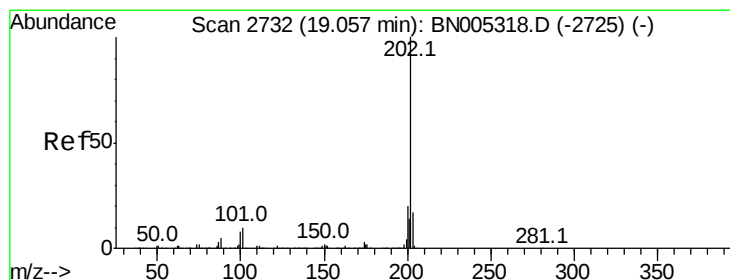
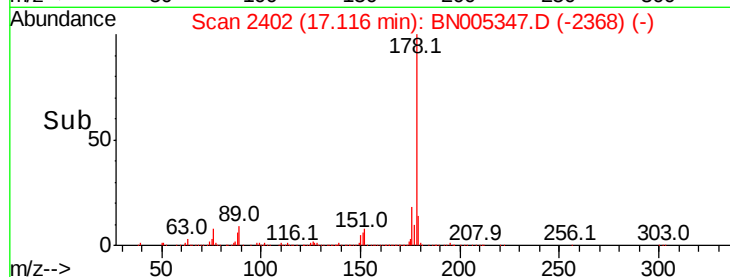
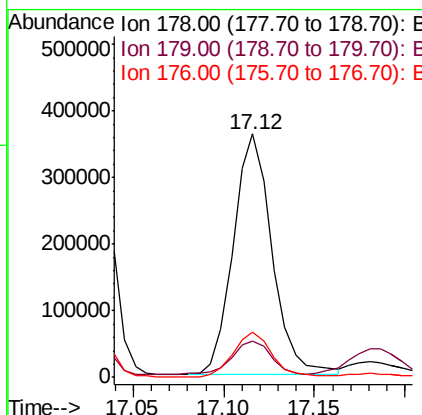
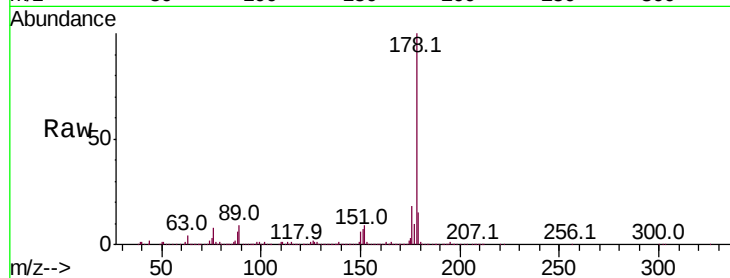




#71
 Anthracene
 Concen: 4.867 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BN005347.D
 Acq: 27 Apr 2019 09:09

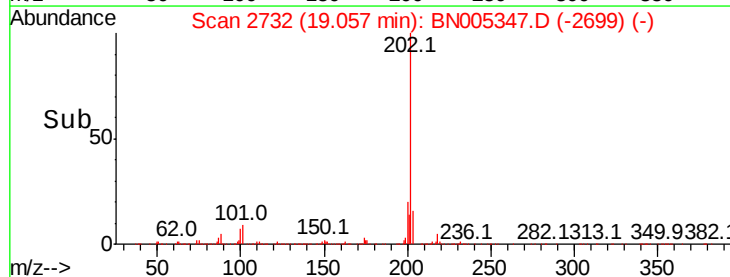
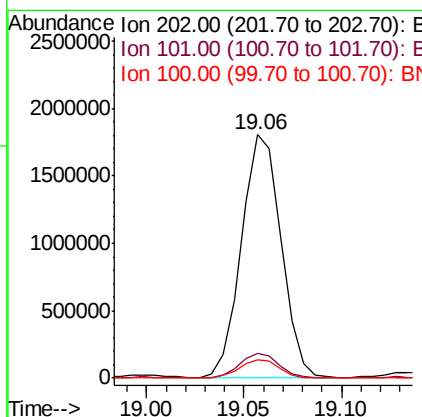
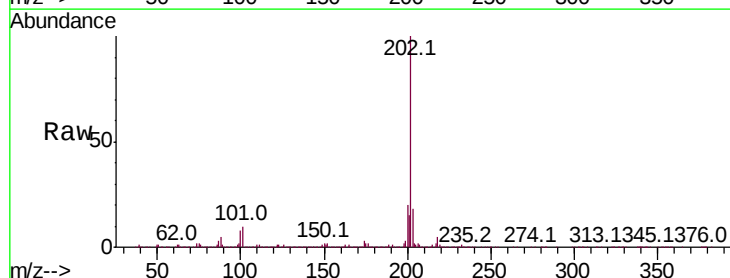
Instrument :
 BNA_N
 ClientSampled :

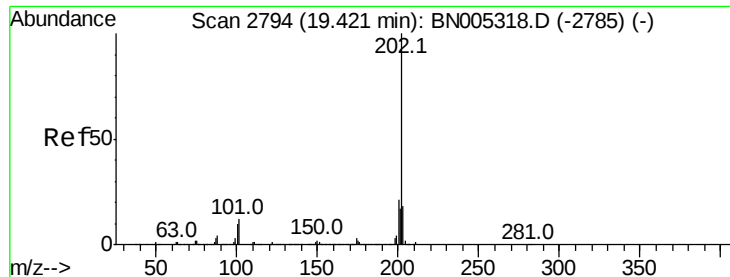
Tot Ion:178 Resp: 537406
 Ion Ratio Lower Upper
 178 100
 179 14.9 12.3 18.5
 176 18.4 15.1 22.7



#76
 Fluoranthene
 Concen: 21.013 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BN005347.D
 Acq: 27 Apr 2019 09:09

Tgt Ion:202 Resp: 2526511
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.6 12.8
 100 7.7 6.3 9.5

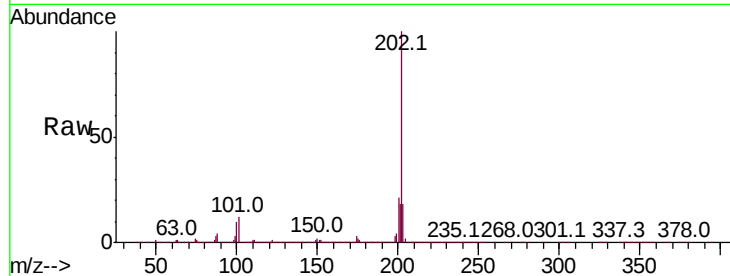




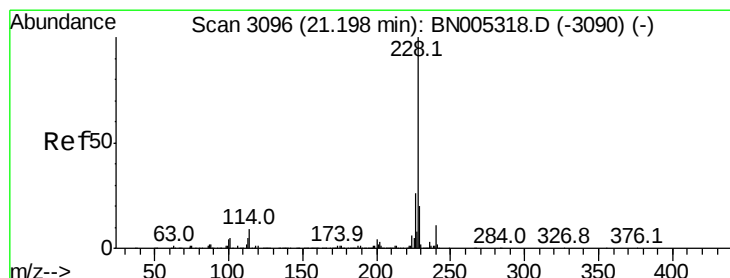
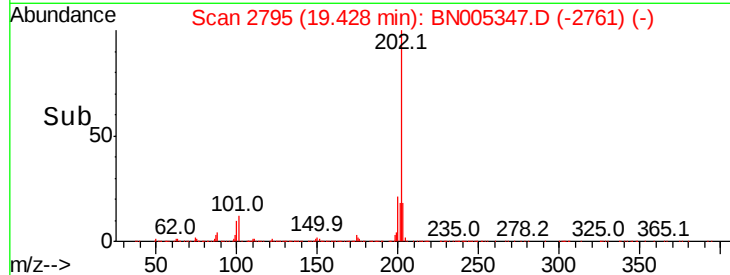
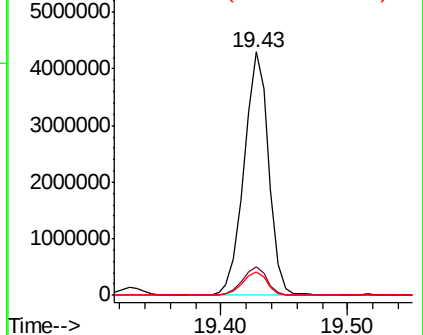
#79
Pvrene
Concen: 55.874 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN005347.D
Acq: 27 Apr 2019 09:09

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 5759098
Ion Ratio Lower Upper
202 100
101 12.0 10.3 15.5
100 9.6 7.9 11.9

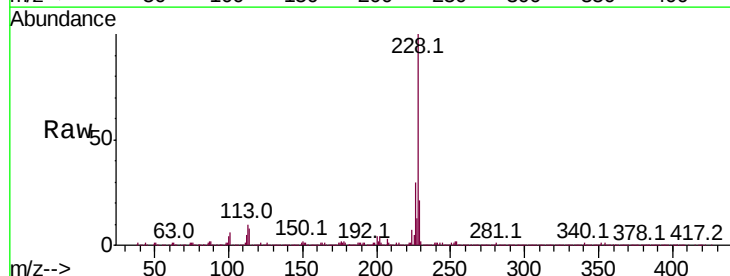


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

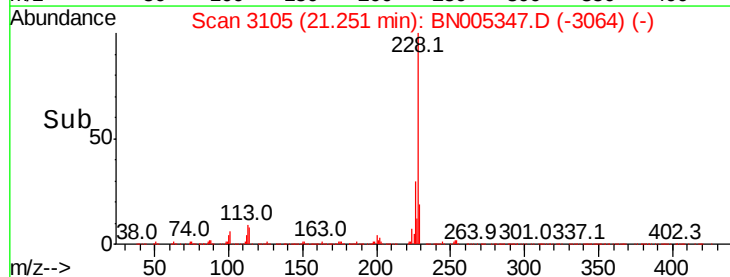
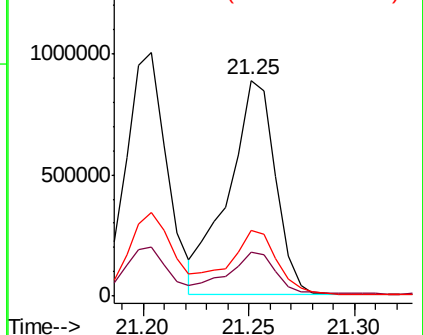


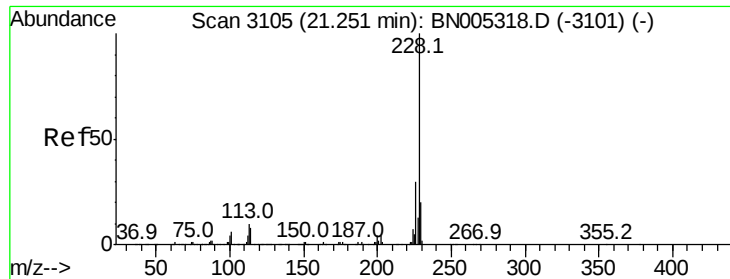
#82
Benzo(a)anthracene
Concen: 13.724 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.04 min
Lab File: BN005347.D
Acq: 27 Apr 2019 09:09

Tgt Ion:228 Resp: 1366788
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 30.5 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: 14.788 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN005347.D

Acq: 27 Apr 2019 09:09

Instrument :

BNA_N

ClientSampled :

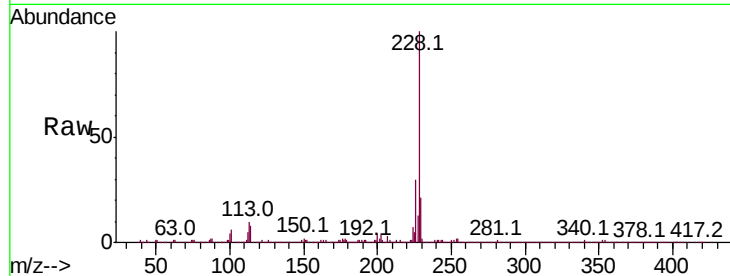
Tot Ion:228 Resp: 1366788

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

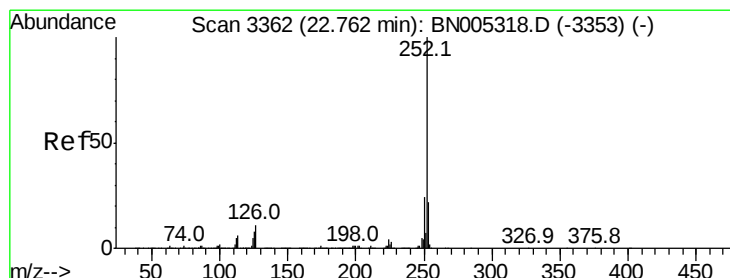
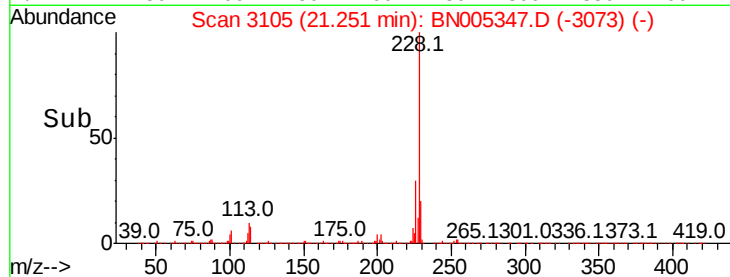
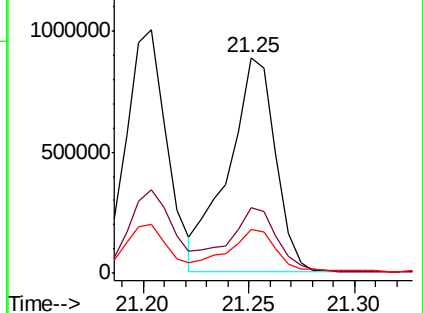
229 20.6 15.4 23.0



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: 11.465 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BN005347.D

Acq: 27 Apr 2019 09:09

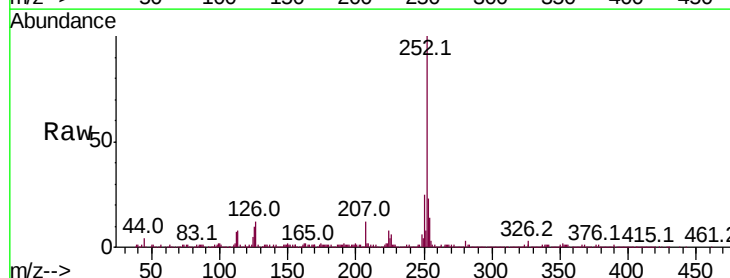
Tgt Ion:252 Resp: 1030624

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

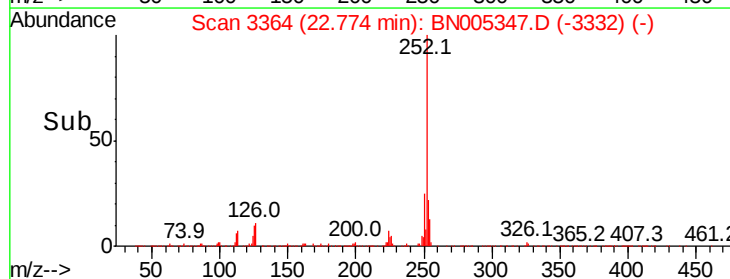
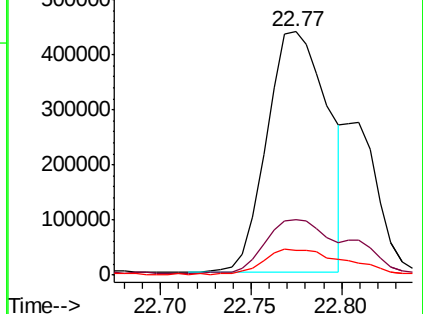
125 10.3 8.4 12.6

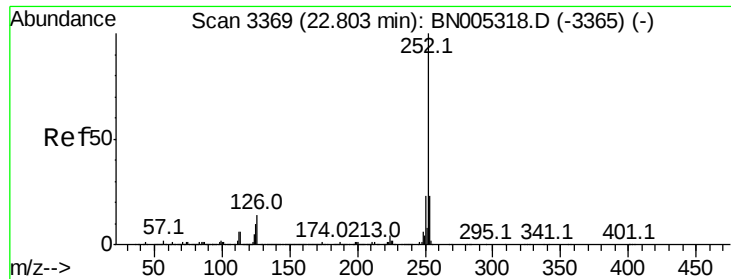


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

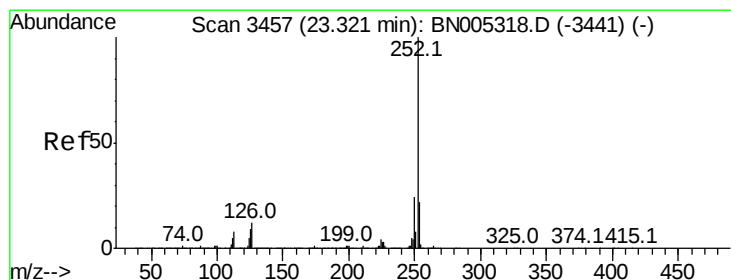
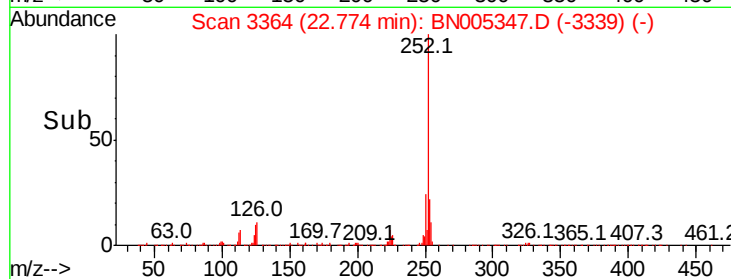
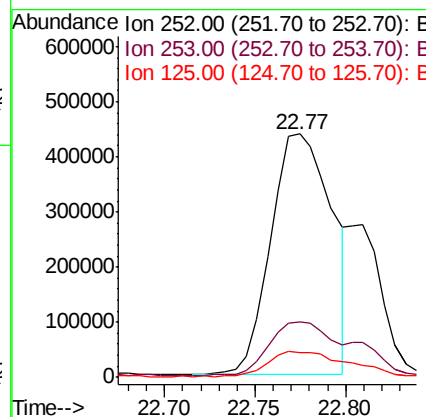
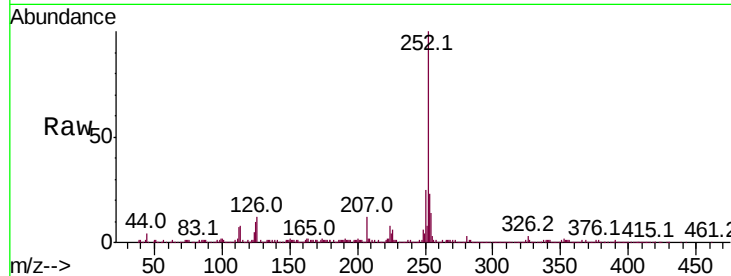




#88
Benzo(k)fluoranthene
Concen: 12.005 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.05 min
Lab File: BN005347.D
Acq: 27 Apr 2019 09:09

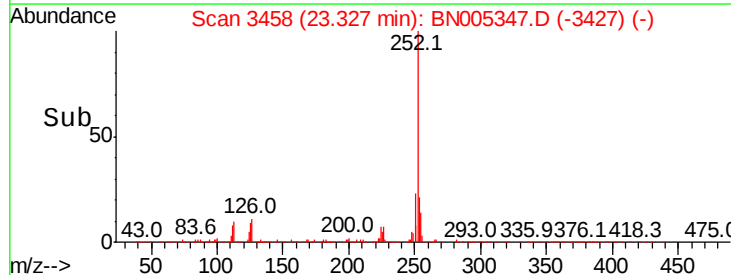
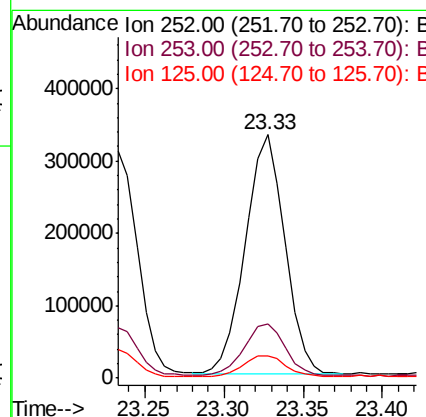
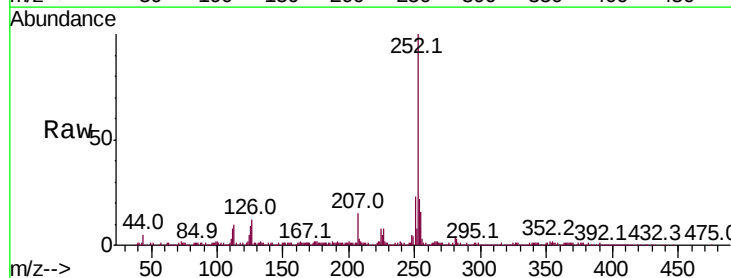
Instrument :
BNA_N
ClientSampled :

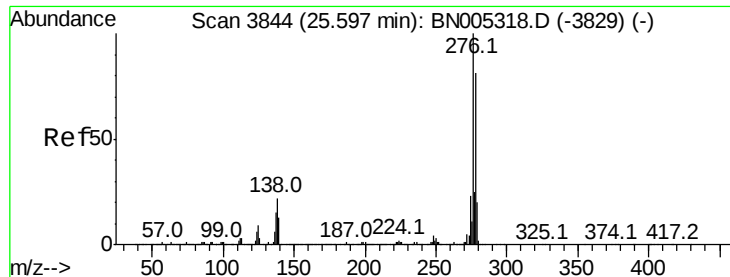
Tot Ion:252 Resp: 1030624
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 10.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 6.765 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. -0.02 min
Lab File: BN005347.D
Acq: 27 Apr 2019 09:09

Tgt Ion:252 Resp: 571575
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 9.2 8.6 13.0



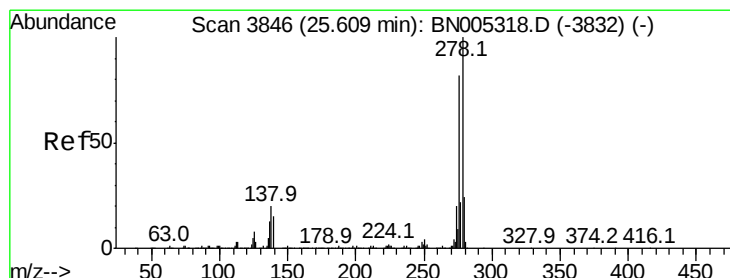
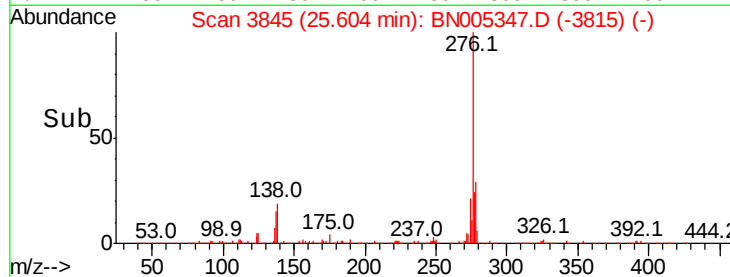
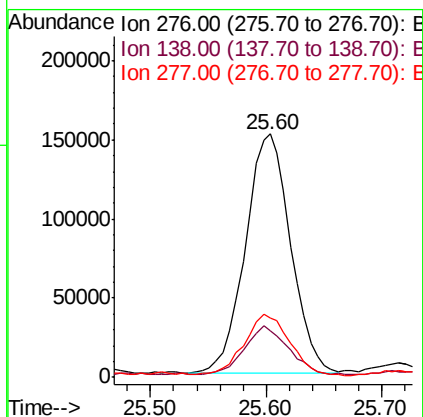
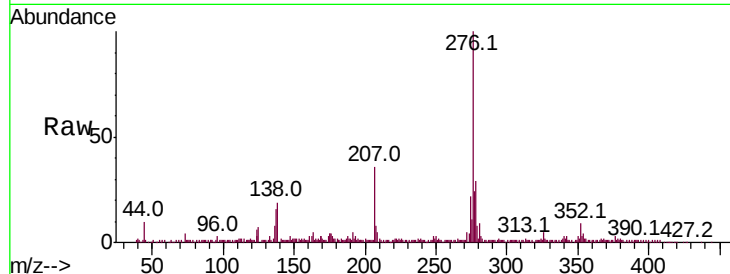


#91

Indeno(1,2,3-cd)pyrene
Concen: 4.405 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.02 min
Lab File: BN005347.D
Acq: 27 Apr 2019 09:09

Instrument :
BNA_N
ClientSampleId :

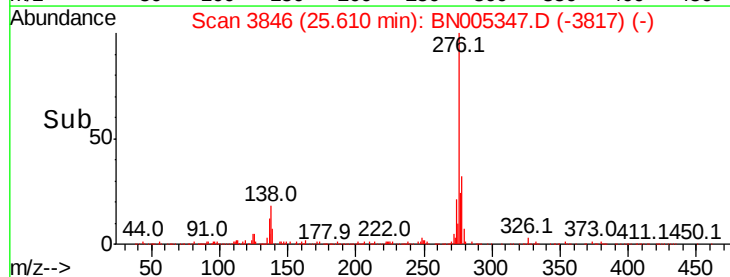
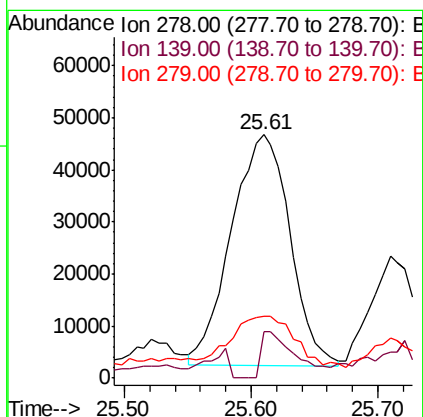
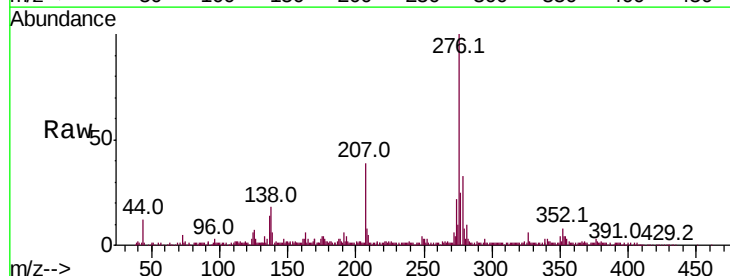
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	17.9	26.9
277	24.1	19.7	29.5

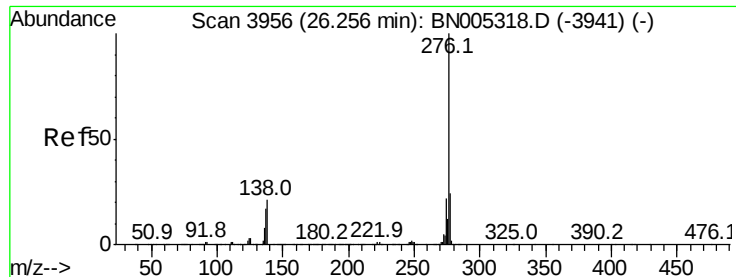


#92

Dibenzo(a,h)anthracene
Concen: 1.792 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.03 min
Lab File: BN005347.D
Acq: 27 Apr 2019 09:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.1	19.7
279	25.4	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 3.778 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. -0.03 min

Lab File: BN005347.D

Acq: 27 Apr 2019 09:09

Instrument :

BNA_N

ClientSampleId :

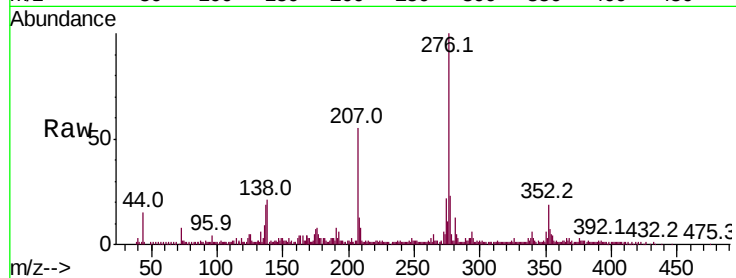
Tot Ion:276 Resp: 291830

Ion Ratio Lower Upper

276 100

138 20.9 16.7 25.1

277 23.0 18.2 27.2



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

