

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070518\
 Data File : BN001978.D
 Acq On : 05 Jul 2018 21:27
 Operator : JU/SJ
 Sample : J3721-22DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H23DL

Quant Time: Jul 06 01:18:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	629439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2801178	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1581793	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3221223	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	2259098	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2139593	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	10626	0.73	ng/uL	0.00
5) Phenol-d5	6.88	99	219225	3.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	162908	4.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	195879	4.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	179336	3.93	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	99671	4.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	101464	4.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	195008	4.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	178294	3.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	646268	4.84	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	817142	4.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	23737	0.96	ng/ul	0.00
57) Fluorene-d10	15.33	176	579714	4.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	35917	2.05	ng/ul	0.00
70) Anthracene-d10	17.18	188	798461	5.13	ng/ul	0.00
76) Pyrene-d10	19.48	212	764531	6.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	585760	5.03	ng/ul	0.00

Target Compounds

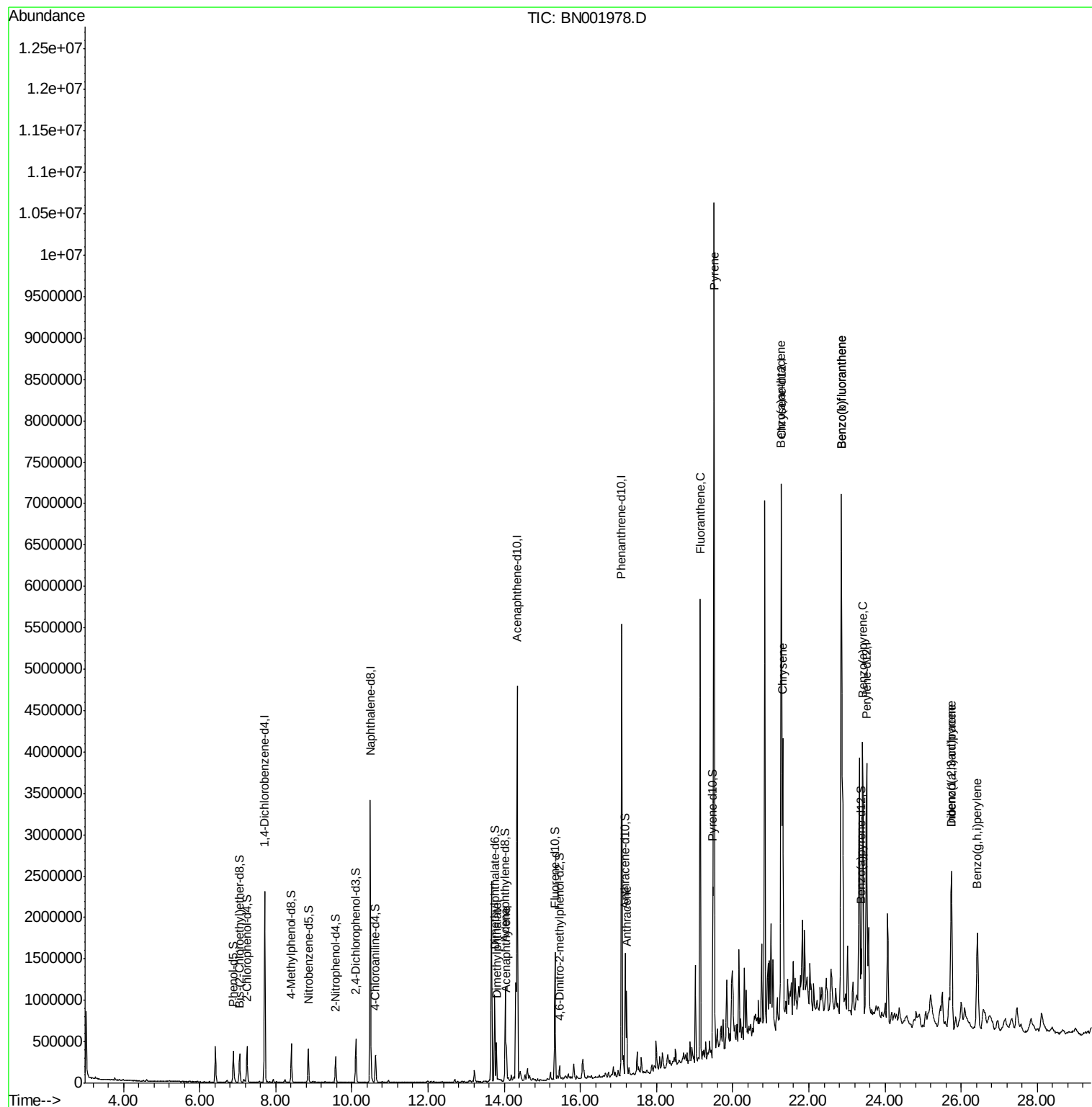
					Ovalue
44) Dimethylphthalate	13.80	163	290614	2.214	ng/ul 98
47) Acenaphthylene	14.06	152	335268	2.106	ng/ul 100
71) Anthracene	17.22	178	633601	3.450	ng/ul 97
74) Fluoranthene	19.15	202	3228638	16.927	ng/ul# 89
77) Pyrene	19.51	202	6109912	43.218	ng/ul# 84
80) Benzo(a)anthracene	21.27	228	2279253	15.964	ng/ul 95
82) Chrysene	21.32	228	2380239	17.918	ng/ul 98
85) Benzo(b)fluoranthene	22.85	252	4789491	35.442	ng/ul# 95
86) Benzo(k)fluoranthene	22.85	252	4789491	36.549	ng/ul# 95
88) Benzo(a)pyrene	23.42	252	2369142	18.761	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	25.74	276	1730841	12.881	ng/ul# 91
90) Dibenzo(a,h)anthracene	25.74	278	459575	4.109	ng/ul# 90
91) Benzo(g,h,i)perylene	26.43	276	1375157	12.406	ng/ul# 92

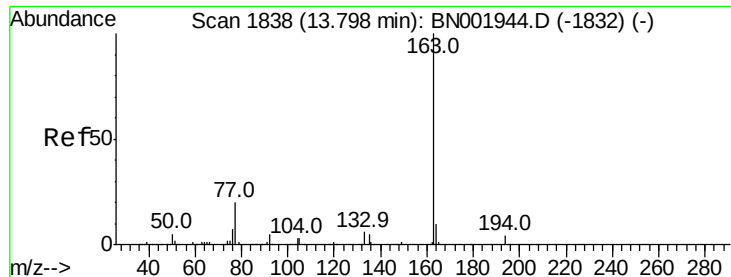
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 2.214 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

Instrument :

BNA_N

ClientSampleId :

F1H23DL

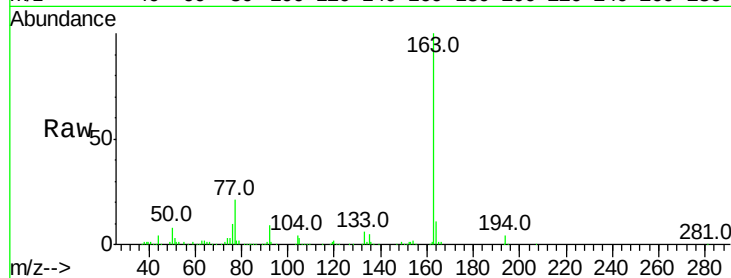
Tot Ion:163 Resp: 290614

Ion Ratio Lower Upper

163 100

194 4.5 4.0 6.0

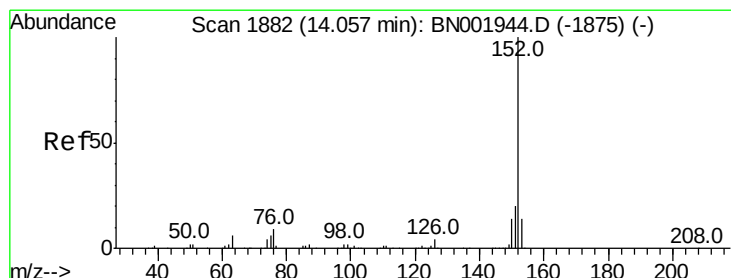
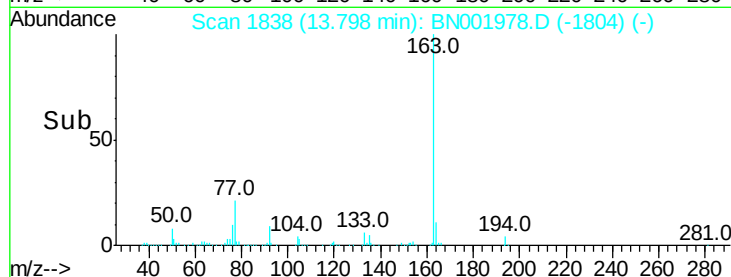
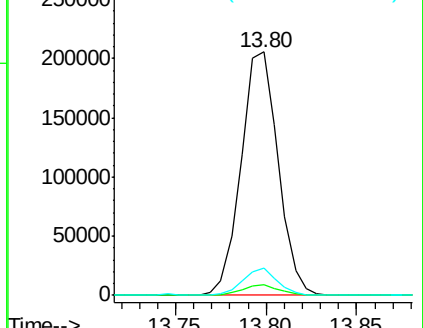
164 11.1 8.4 12.6



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



#47

Acenaphthylene

Concen: 2.106 ng/ul

RT: 14.06 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

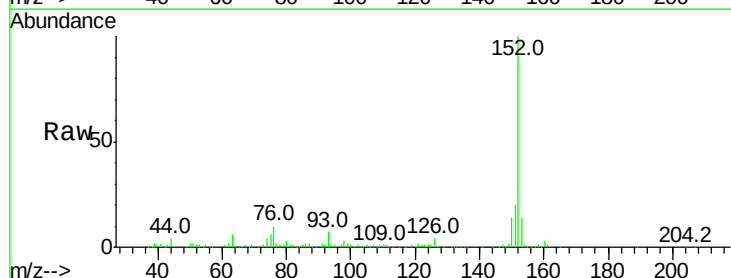
Tgt Ion:152 Resp: 335268

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

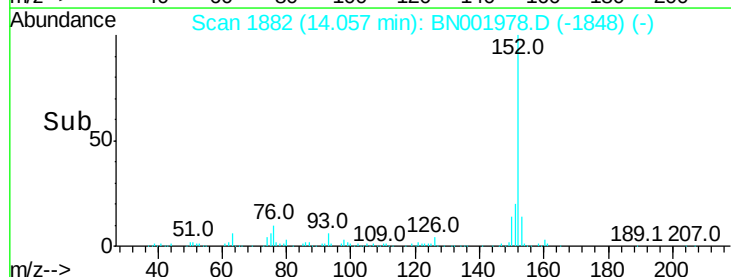
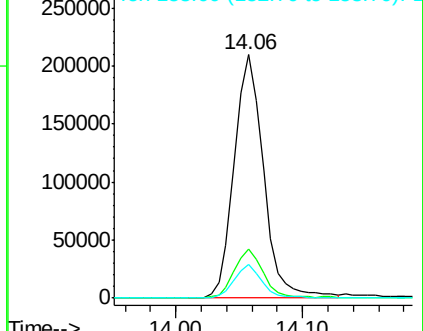
153 13.6 10.8 16.2

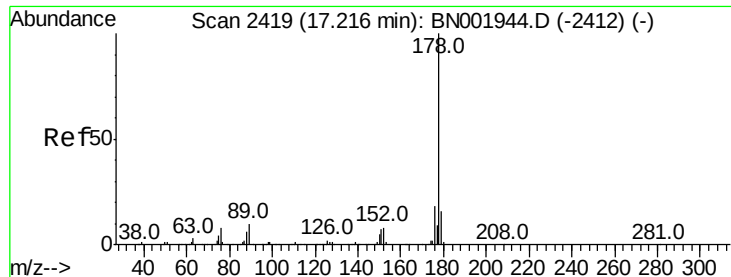


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#71

Anthracene

Concen: 3.450 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

Instrument :

BNA_N

ClientSampleId :

F1H23DL

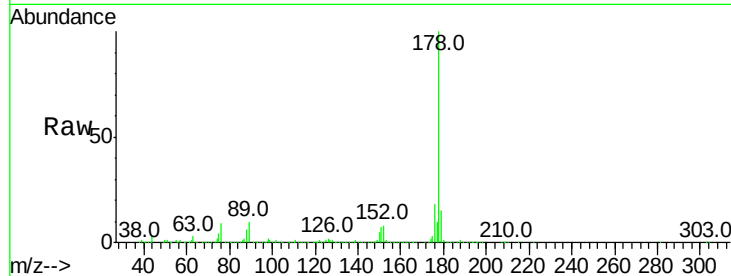
Tot Ion:178 Resp: 633601

Ion Ratio Lower Upper

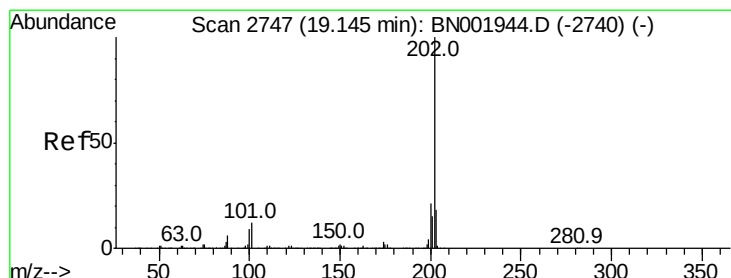
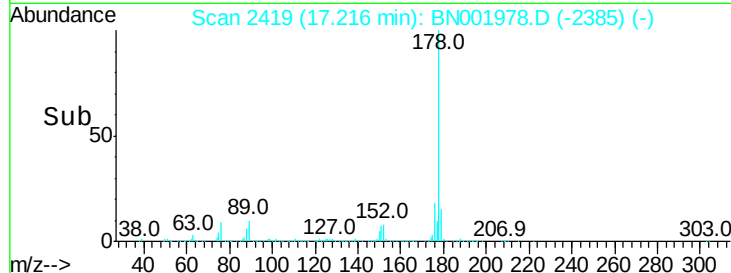
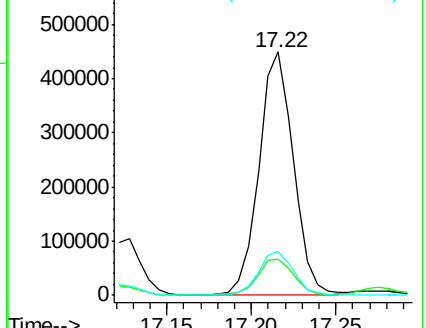
178 100

179 15.1 13.4 20.2

176 18.1 15.4 23.0



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



#74

Fluoranthene

Concen: 16.927 ng/ul

RT: 19.15 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

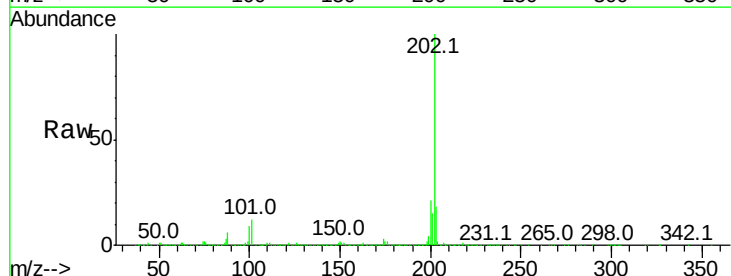
Tgt Ion:202 Resp: 3228638

Ion Ratio Lower Upper

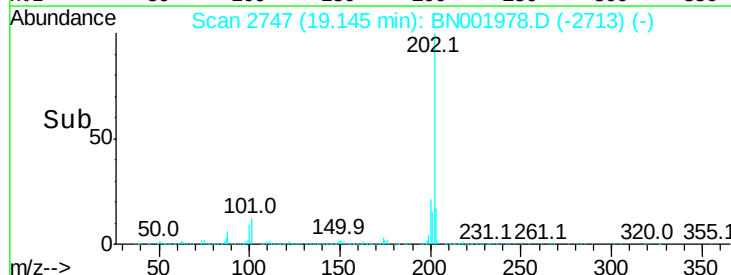
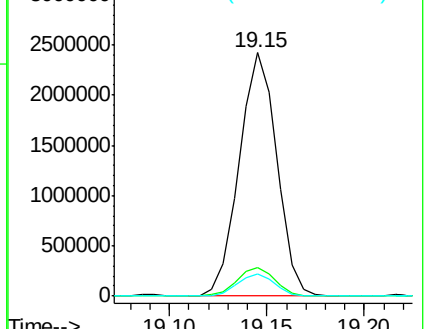
202 100

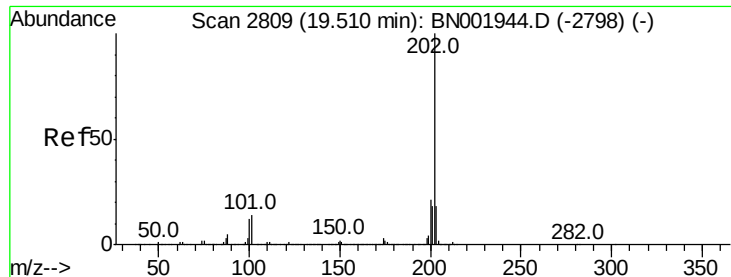
101 12.0 6.1 9.1#

100 9.0 4.6 7.0#



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





#77

Pvrene

Concen: 43.218 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

Instrument :

BNA_N

ClientSampleId :

F1H23DL

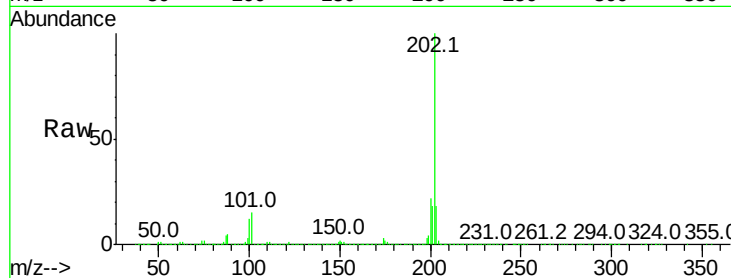
Tot Ion:202 Resp: 6109912

Ion Ratio Lower Upper

202 100

101 14.7 6.9 10.3#

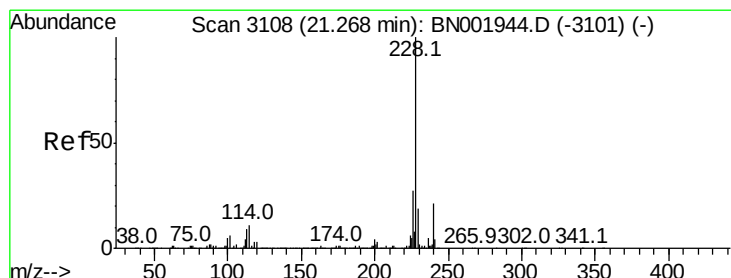
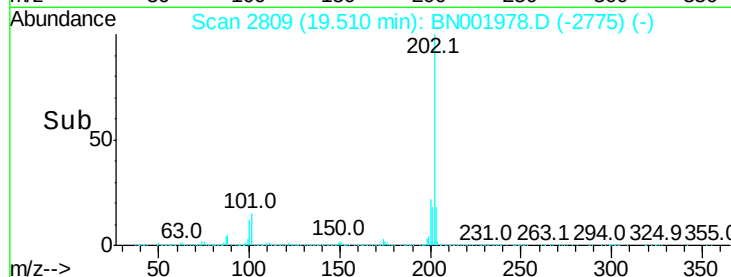
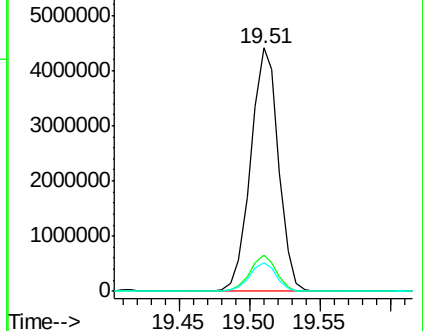
100 12.0 5.6 8.4#



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

Benzo(a)anthracene

Concen: 15.964 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

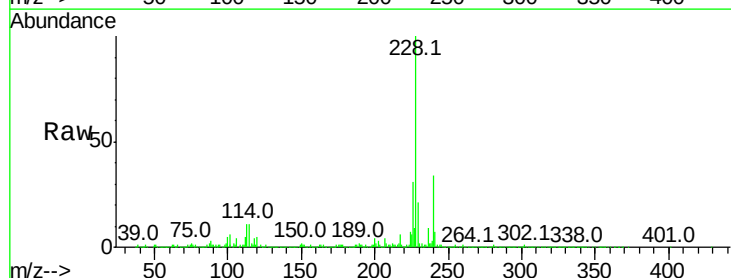
Tgt Ion:228 Resp: 2279253

Ion Ratio Lower Upper

228 100

229 21.0 16.0 24.0

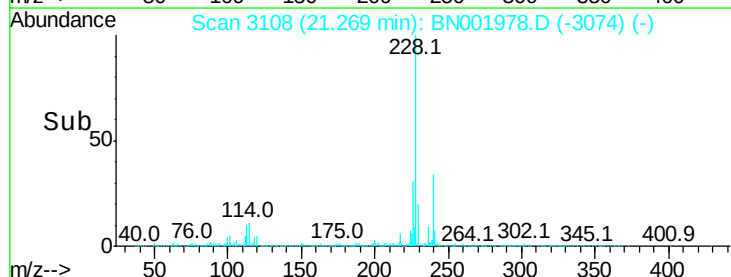
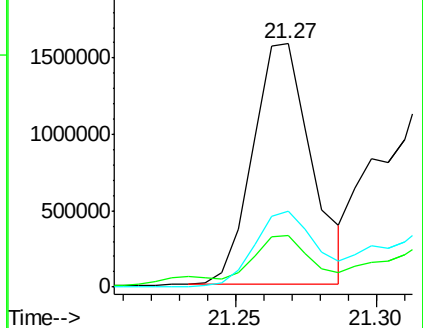
226 31.4 21.8 32.8

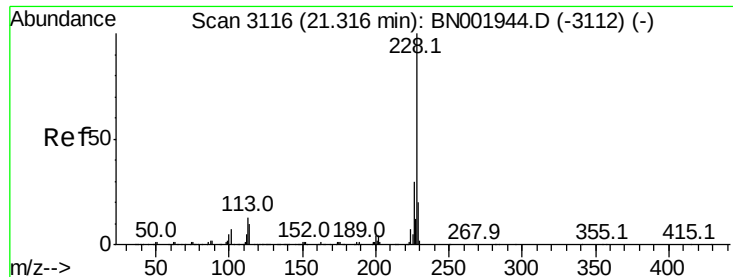


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 17.918 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

Instrument :

BNA_N

ClientSampleId :

F1H23DL

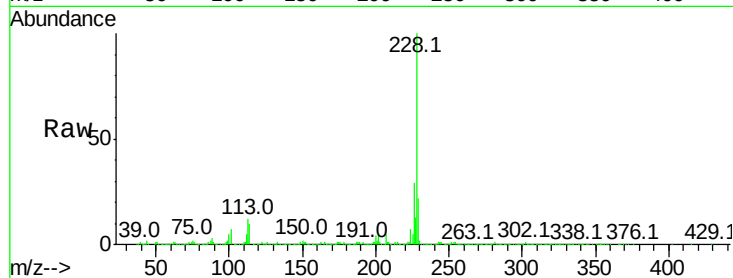
Tot Ion:228 Resp: 2380239

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

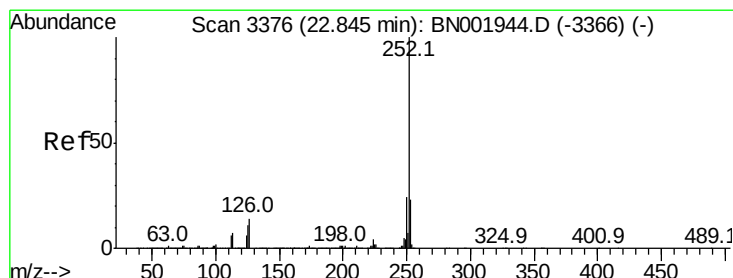
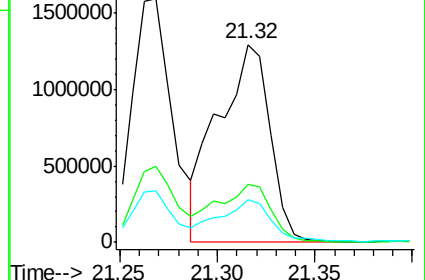
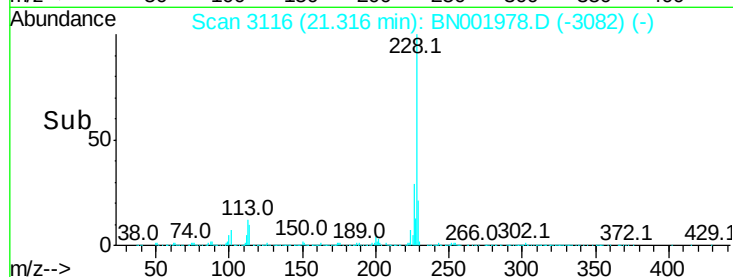
229 21.7 16.0 24.0



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



#85

Benzo(b)fluoranthene

Concen: 35.442 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

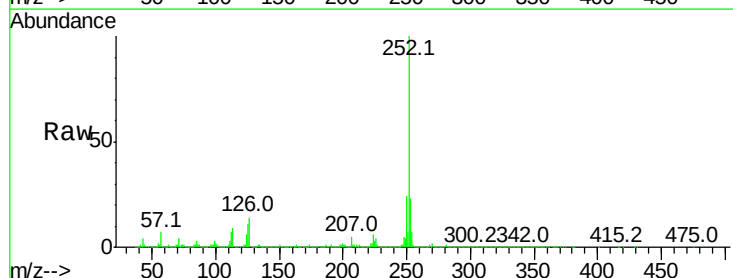
Tgt Ion:252 Resp: 4789491

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

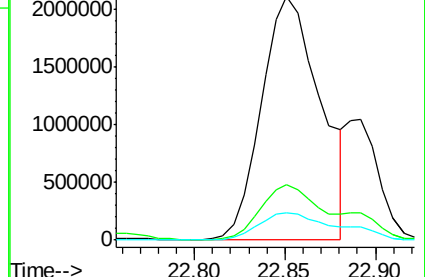
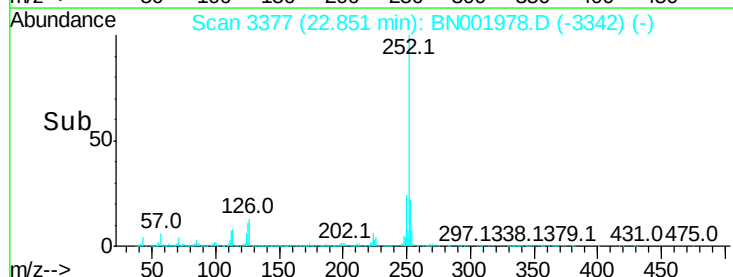
125 11.2 4.9 7.3#

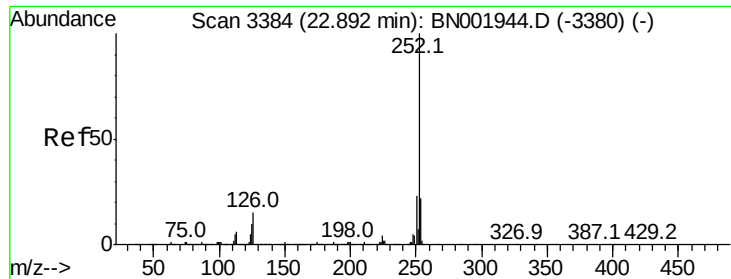


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 36.549 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. -0.04 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

Instrument :

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ClientSampleId :

F1H23DL

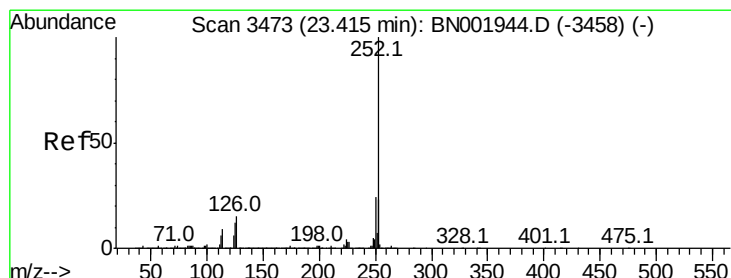
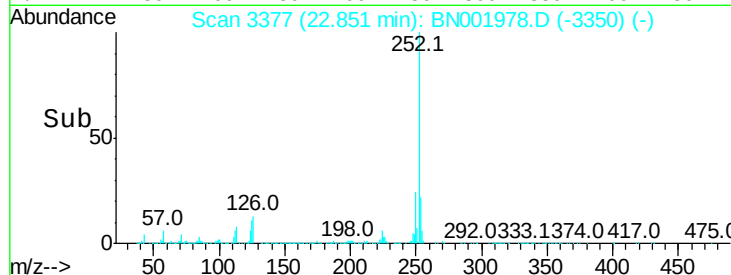
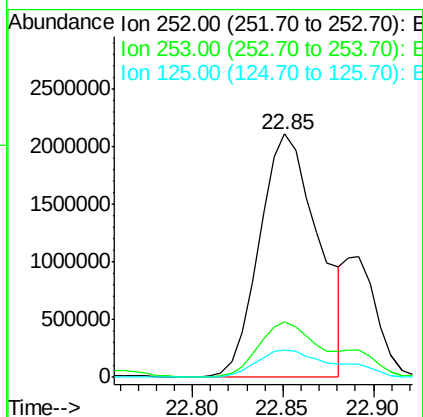
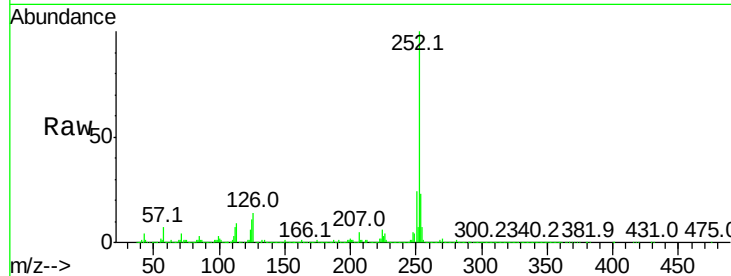
Tot Ion:252 Resp: 4789491

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

125 11.2 5.4 8.0#



#88

Benzo(a)pyrene

Concen: 18.761 ng/ul

RT: 23.42 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

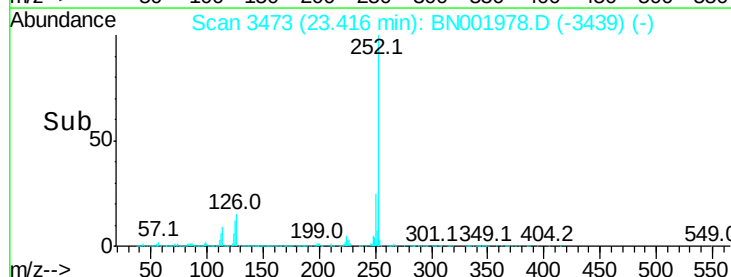
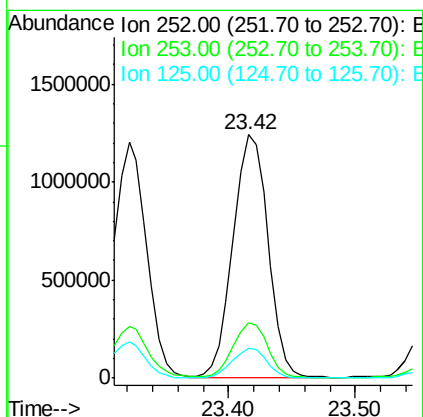
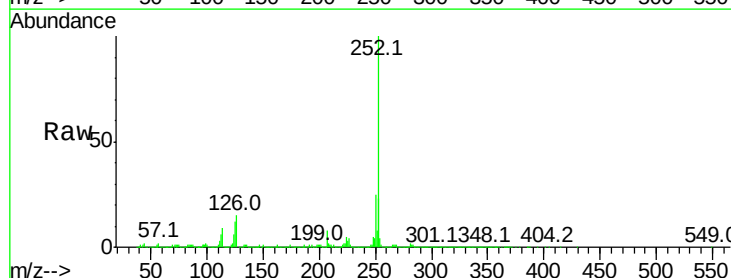
Tgt Ion:252 Resp: 2369142

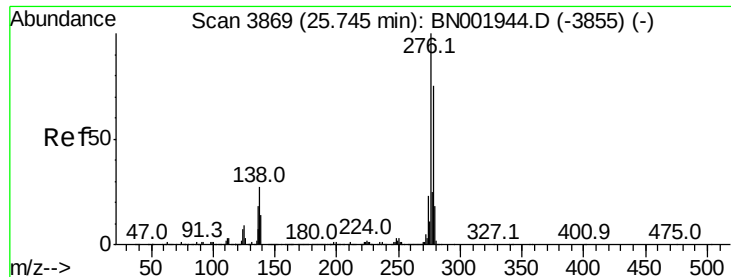
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 12.1 5.8 8.6#





#89

Indeno(1,2,3-cd)pyrene

Concen: 12.881 ng/ul

RT: 25.74 min Scan# 3869

Delta R.T. 0.00 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

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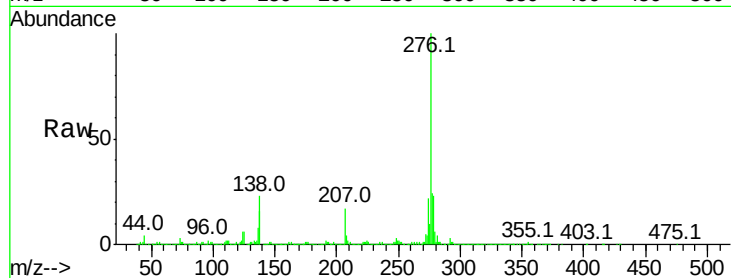
Tot Ion:276 Resp: 1730841

Ion Ratio Lower Upper

276 100

138 23.3 10.9 16.3#

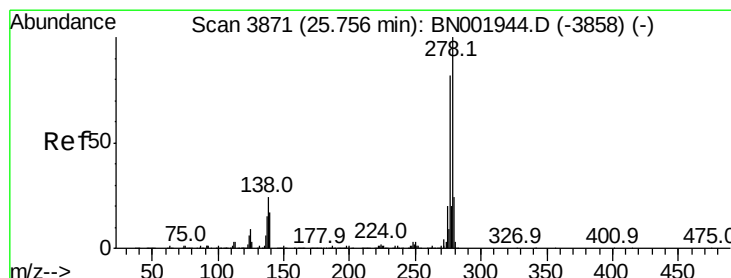
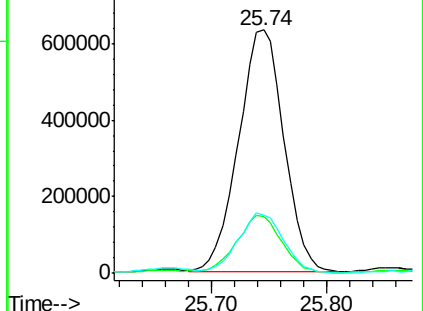
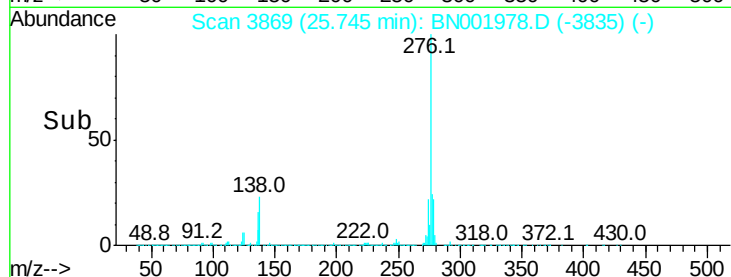
277 24.1 18.9 28.3



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



#90

Dibenzo(a,h)anthracene

Concen: 4.109 ng/ul

RT: 25.74 min Scan# 3869

Delta R.T. -0.01 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

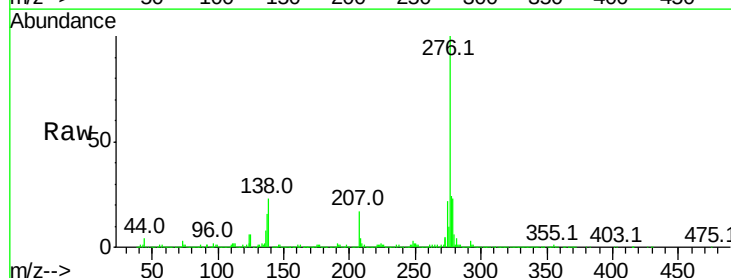
Tgt Ion:278 Resp: 459575

Ion Ratio Lower Upper

278 100

139 0.0 9.0 13.4#

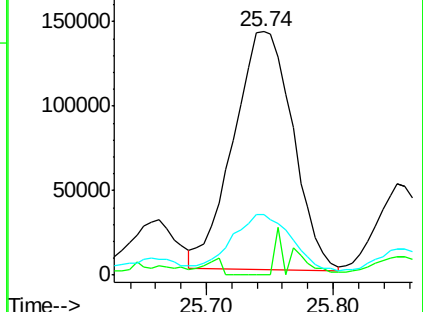
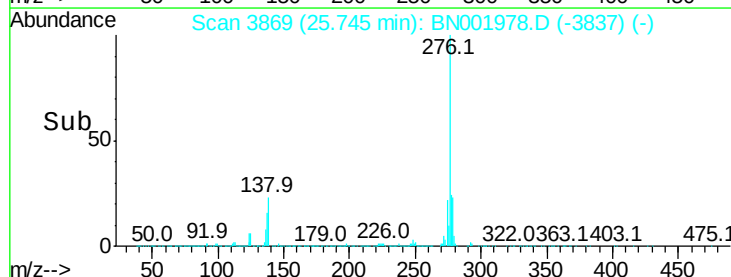
279 24.6 19.1 28.7

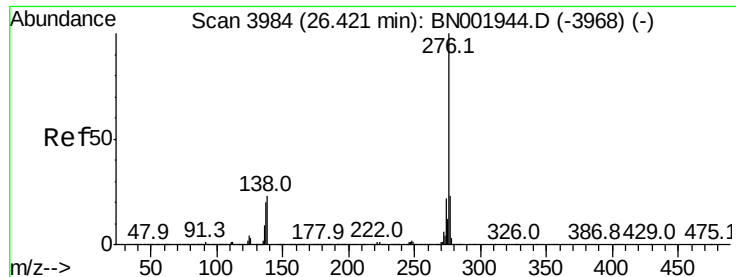


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 12.406 ng/ul

RT: 26.43 min Scan# 3985

Delta R.T. 0.01 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

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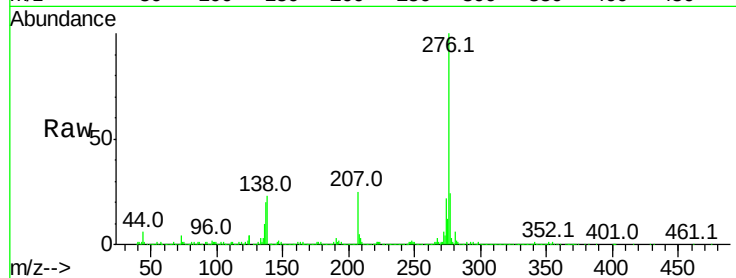
Tot Ion:276 Resp: 1375157

Ion Ratio Lower Upper

276 100

138 22.8 11.2 16.8#

277 24.2 19.0 28.6



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

