

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009662.D
 Acq On : 08 Feb 2020 00:37
 Operator : CG/JU
 Sample : L1401-07
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 08 01:29:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 23:20:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	143249	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	609846	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	367950	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	758251	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	709975	20.00	ng/ul	-0.01
85) Perylene-d12	23.15	264	722239	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	11467	3.28	ng/uL	0.00
5) Phenol-d5	6.63	99	234094	18.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	165510	19.72	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	188482	20.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	187659	18.86	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	94562	20.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	103089	20.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	184630	19.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	242363	23.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	569230	21.19	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	707301	21.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	71844	14.16	ng/ul	0.00
57) Fluorene-d10	15.07	176	512772	21.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	72468	15.30	ng/ul	0.00
70) Anthracene-d10	16.92	188	762527	22.13	ng/ul	0.00
78) Pyrene-d10	19.23	212	845297	22.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	803361	22.59	ng/ul	0.00

Target Compounds

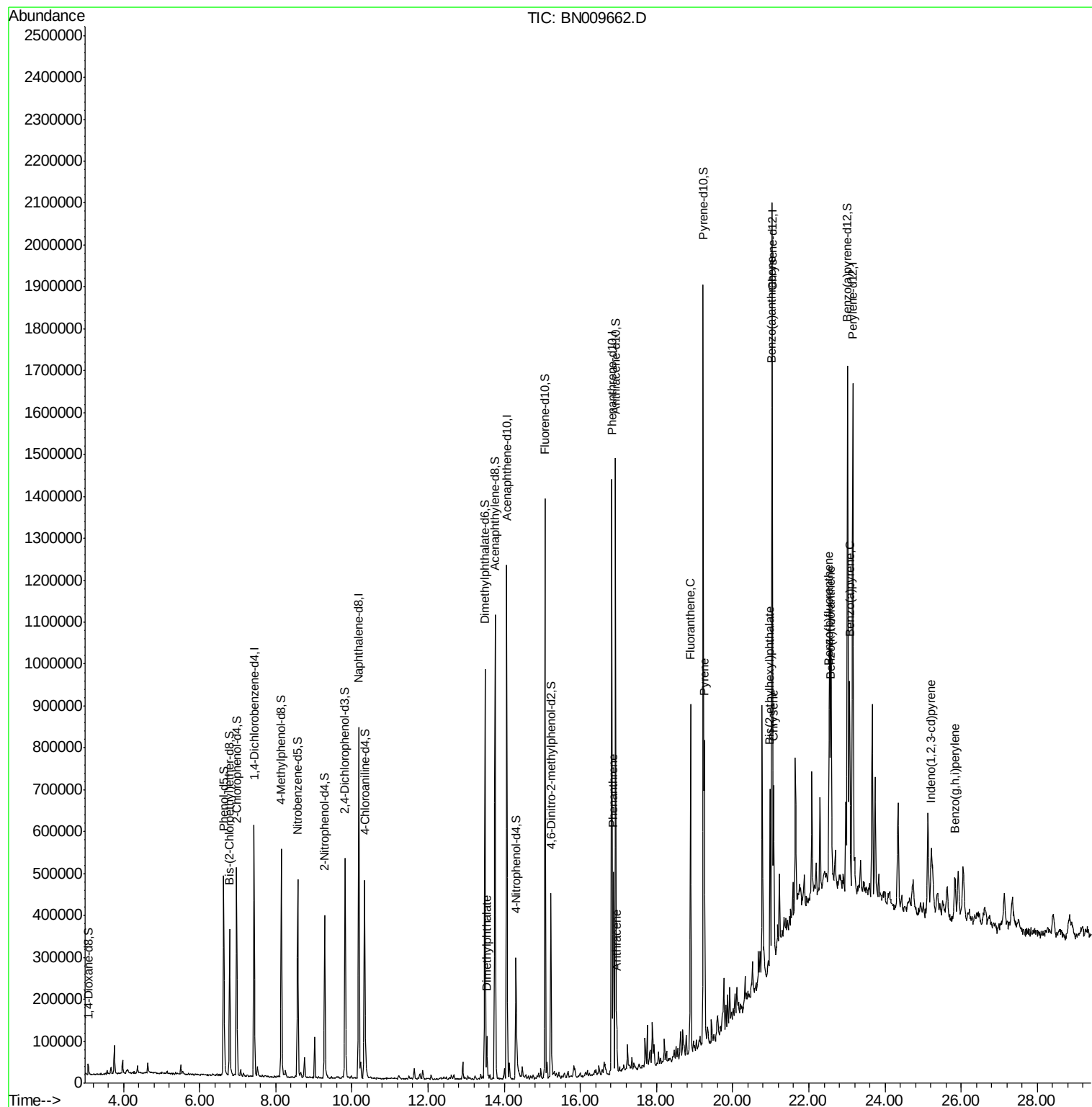
					Ovalue	
44) Dimethylphthalate	13.54	163	54260	1.903	ng/ul#	95
69) Phenanthrene	16.86	178	265995	6.151	ng/ul	99
71) Anthracene	16.96	178	60827	1.386	ng/ul	99
76) Fluoranthene	18.89	202	466696	9.456	ng/ul	100
79) Pyrene	19.26	202	409023	7.892	ng/ul	98
82) Benzo(a)anthracene	21.02	228	217464	4.436	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	20.98	149	116893	3.736	ng/ul	99
84) Chrysene	21.07	228	225866	4.628	ng/ul	97
87) Benzo(b)fluoranthene	22.53	252	276266	6.114	ng/ul#	98
88) Benzo(k)fluoranthene	22.57	252	91005	2.045	ng/ul#	92
90) Benzo(a)pyrene	23.06	252	177640	4.243	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.22	276	117019	2.351	ng/ul	92
93) Benzo(g,h,i)perylene	25.84	276	108480	2.600	ng/ul	96

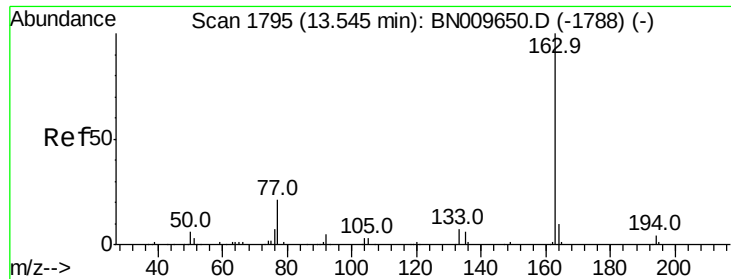
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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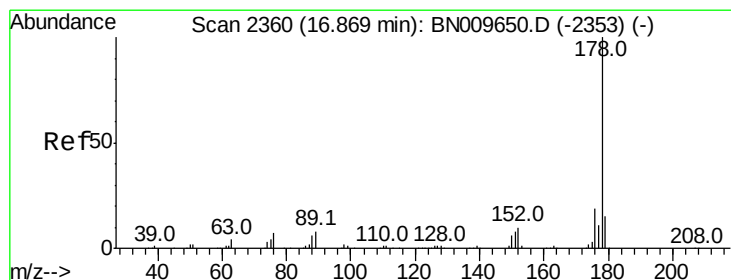
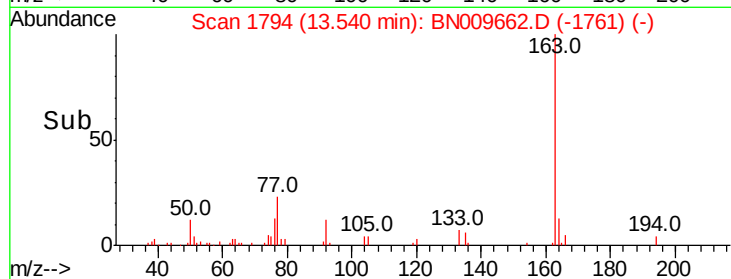
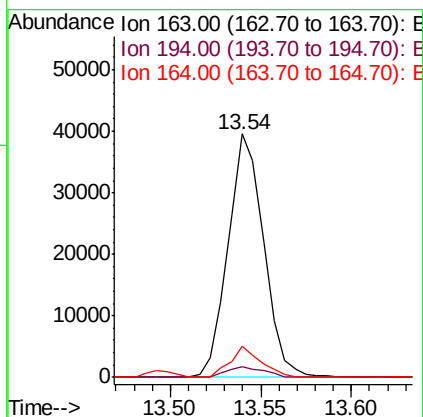
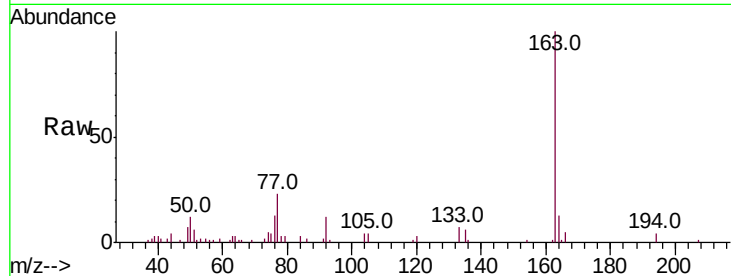




#44
Dimethylphthalate
Concen: 1.903 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BN009662.D
Acq: 08 Feb 2020 00:37

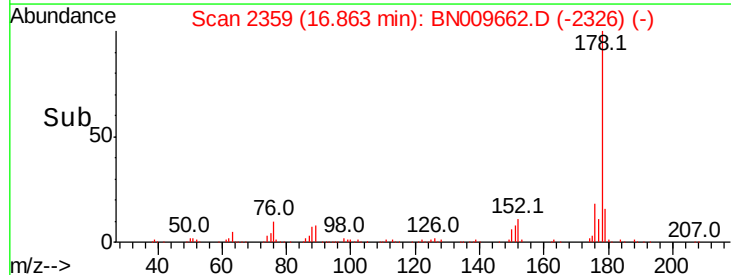
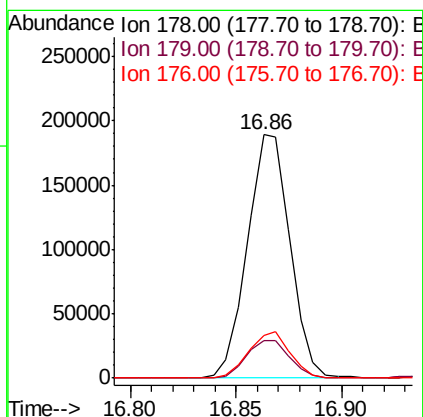
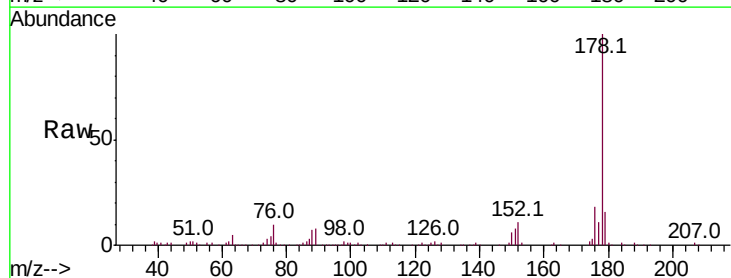
Instrument :
BNA_N
ClientSampled :

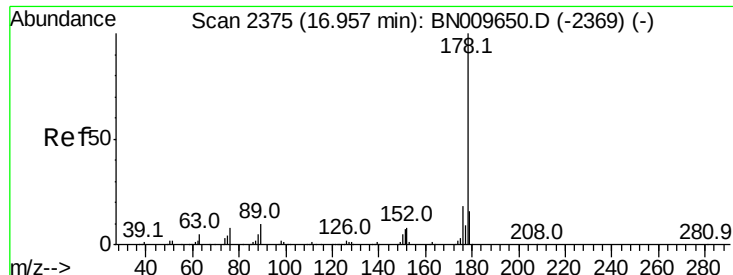
Tot Ion:163 Resp: 54260
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 12.5 8.0 12.0#



#69
Phenanthrene
Concen: 6.151 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009662.D
Acq: 08 Feb 2020 00:37

Tgt Ion:178 Resp: 265995
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 17.7 14.8 22.2

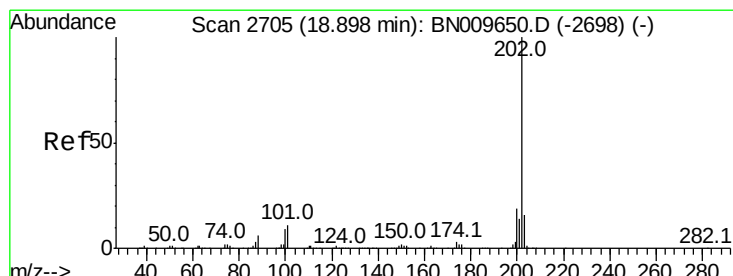
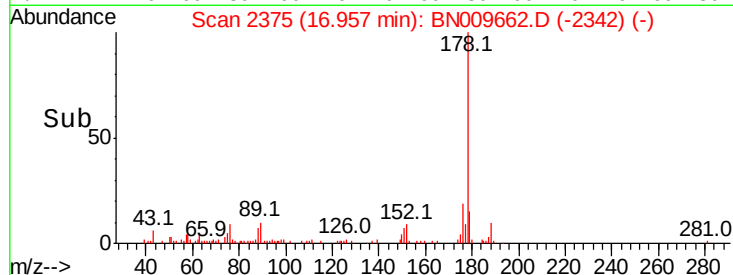
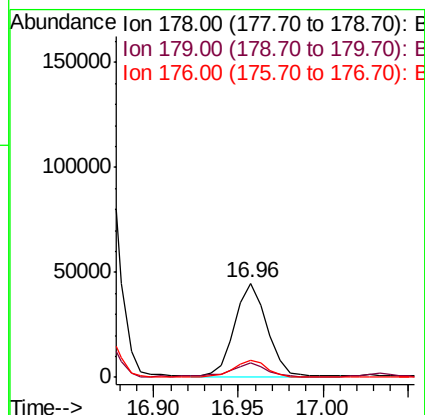
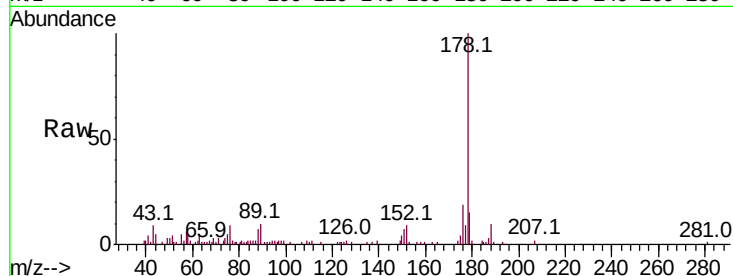




#71
 Anthracene
 Concen: 1.386 ng/ul
 RT: 16.96 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BN009662.D
 Acq: 08 Feb 2020 00:37

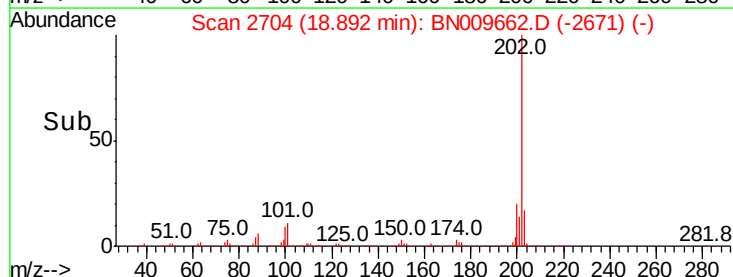
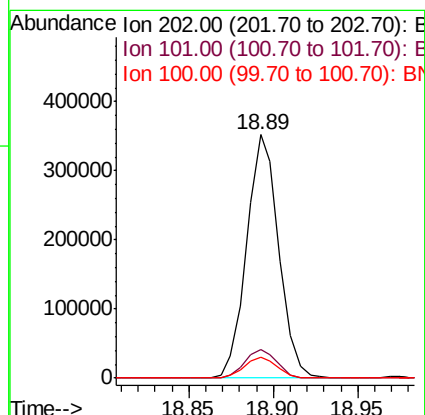
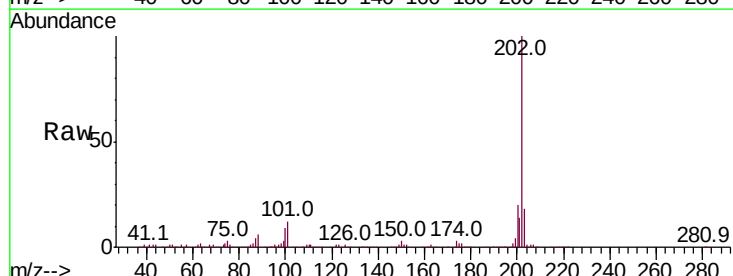
Instrument :
 BNA_N
 ClientSampleId :

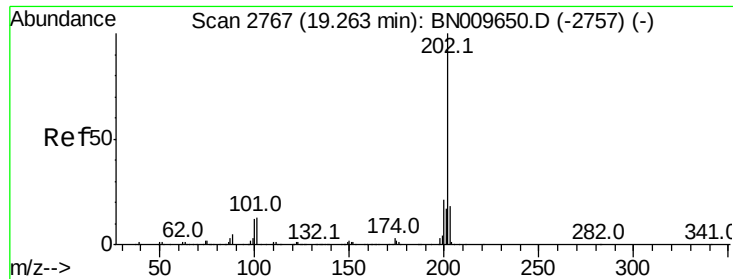
Tot Ion:178 Resp: 60827
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.1 18.1
 176 18.8 14.6 21.8



#76
 Fluoranthene
 Concen: 9.456 ng/ul
 RT: 18.89 min Scan# 2704
 Delta R.T. -0.01 min
 Lab File: BN009662.D
 Acq: 08 Feb 2020 00:37

Tgt Ion:202 Resp: 466696
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.2 13.8
 100 8.7 6.9 10.3





#79

Pvrene

Concen: 7.892 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BN009662.D

Acq: 08 Feb 2020 00:37

Instrument :

BNA_N

ClientSampleId :

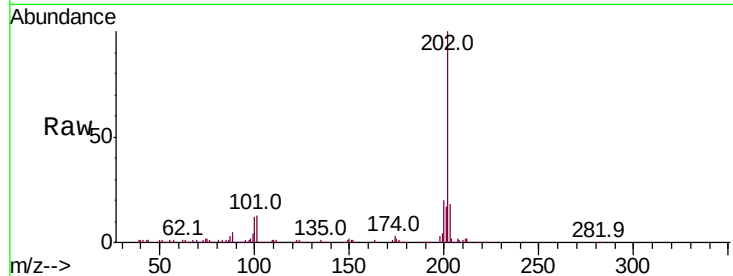
Tot Ion:202 Resp: 409023

Ion Ratio Lower Upper

202 100

101 12.7 10.3 15.5

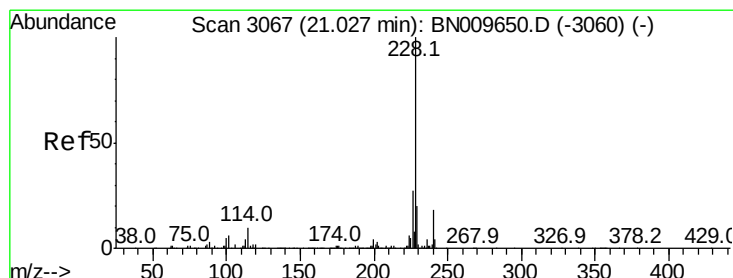
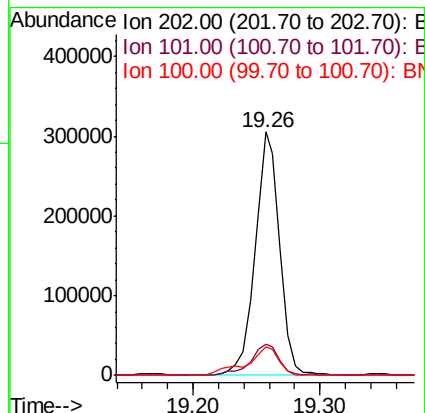
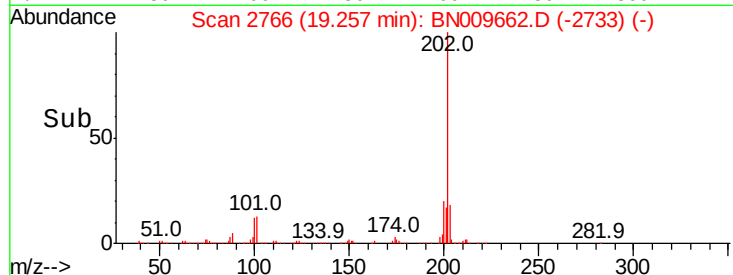
100 11.8 8.4 12.6



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): E



#82

Benzo(a)anthracene

Concen: 4.436 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BN009662.D

Acq: 08 Feb 2020 00:37

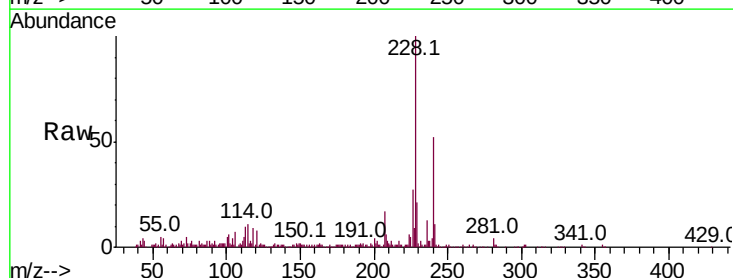
Tgt Ion:228 Resp: 217464

Ion Ratio Lower Upper

228 100

229 21.5 15.0 22.4

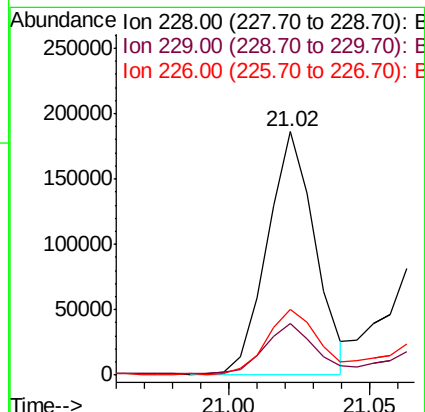
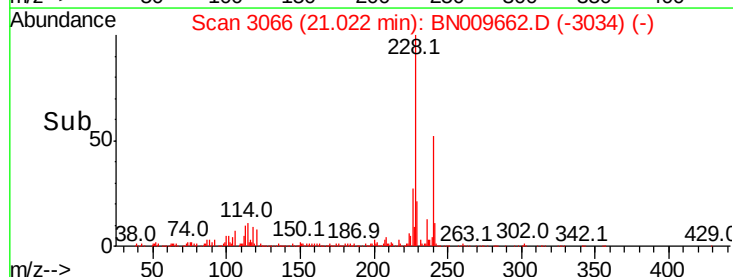
226 26.9 20.9 31.3

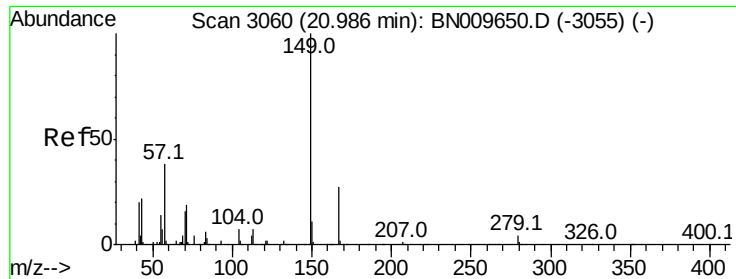


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.736 ng/ul

RT: 20.98 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BN009662.D

Acq: 08 Feb 2020 00:37

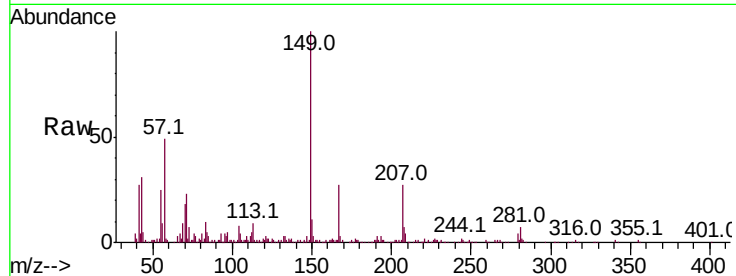
Instrument :

BNA_N

ClientSampled :

Tot Ion:149 Resp: 116893

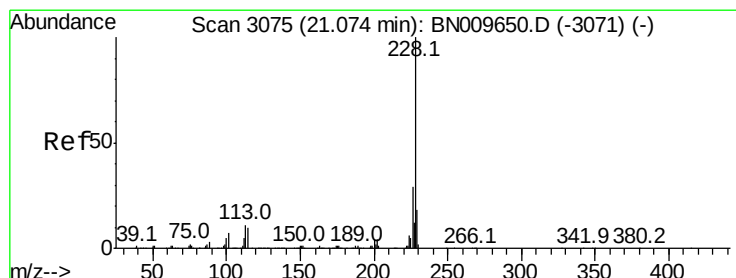
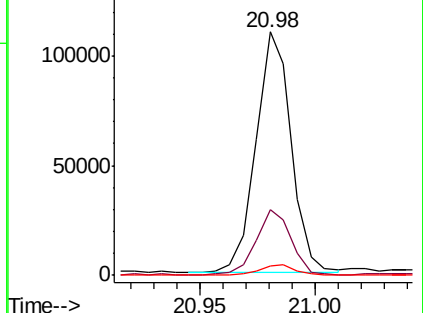
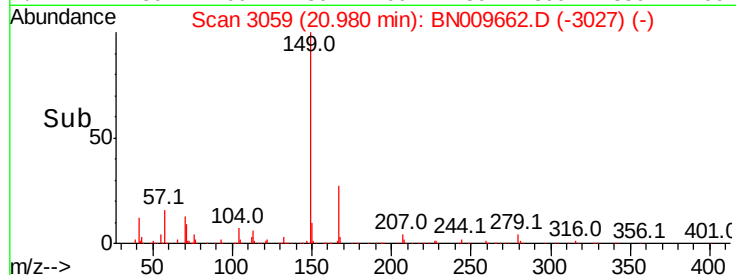
Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.1	33.1
279	4.0	3.3	4.9



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: 4.628 ng/ul

RT: 21.07 min Scan# 3075

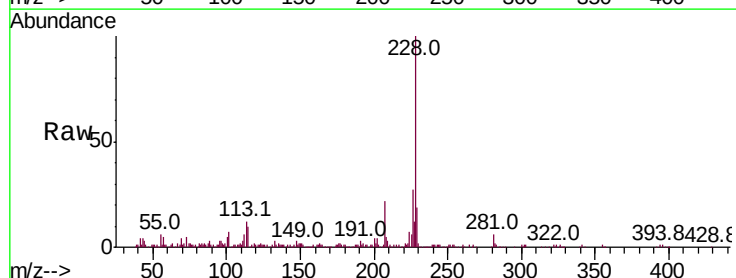
Delta R.T. -0.01 min

Lab File: BN009662.D

Acq: 08 Feb 2020 00:37

Tgt Ion:228 Resp: 225866

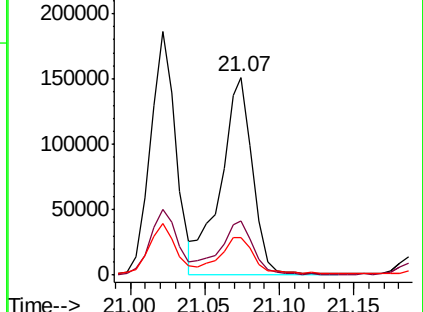
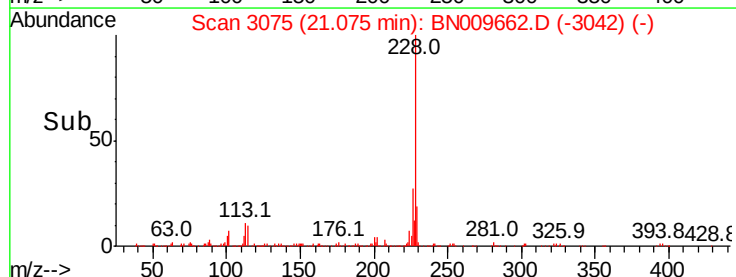
Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.5	35.3
229	19.0	15.8	23.8

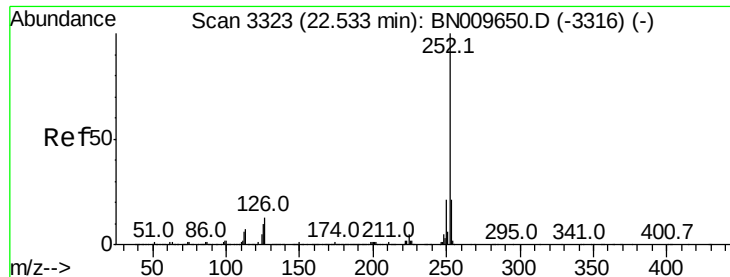


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 6.114 ng/ul

RT: 22.53 min Scan# 3322

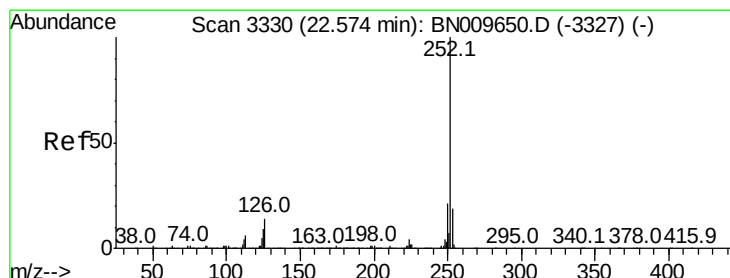
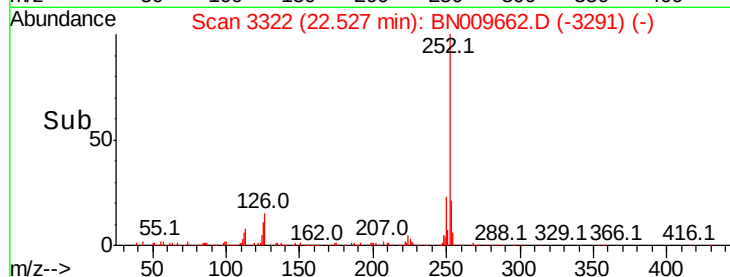
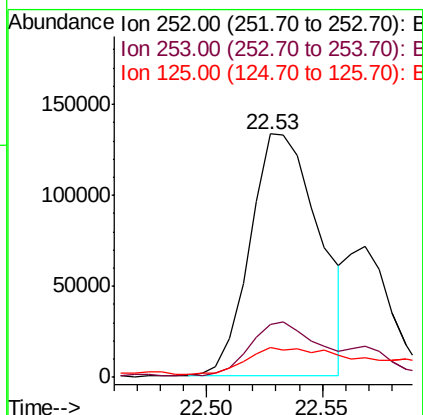
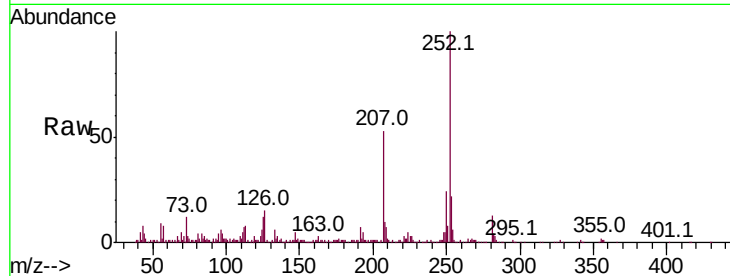
Delta R.T. -0.02 min

Lab File: BN009662.D

Acq: 08 Feb 2020 00:37

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	12.3	8.2	12.2#



#88

Benzo(k)fluoranthene

Concen: 2.045 ng/ul

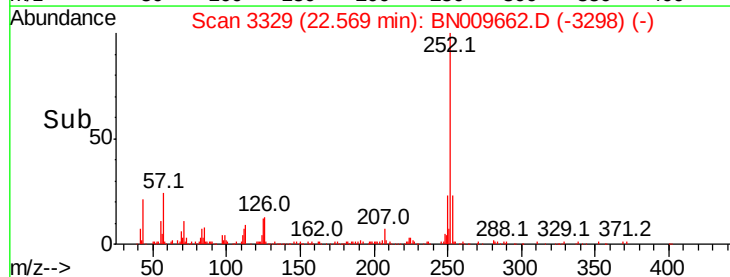
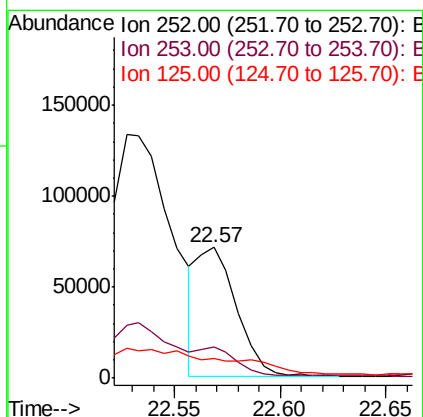
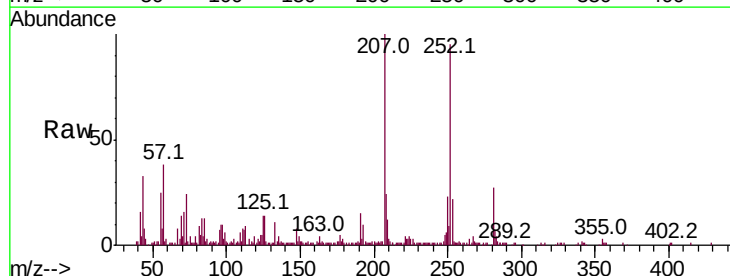
RT: 22.57 min Scan# 3329

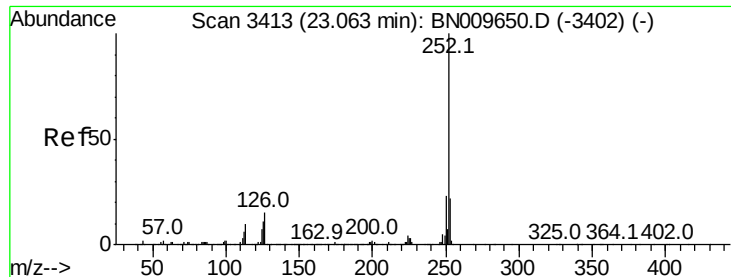
Delta R.T. -0.02 min

Lab File: BN009662.D

Acq: 08 Feb 2020 00:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.4
125	14.7	8.0	12.0#





#90

Benzo(a)pyrene

Concen: 4.243 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009662.D

Acq: 08 Feb 2020 00:37

Instrument :

BNA_N

ClientSampled :

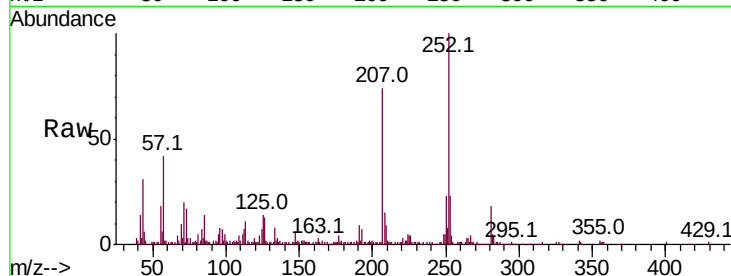
Tot Ion:252 Resp: 177640

Ion Ratio Lower Upper

252 100

253 22.6 15.8 23.8

125 13.6 8.7 13.1#

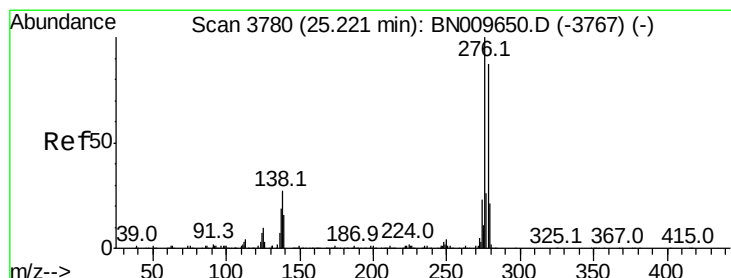
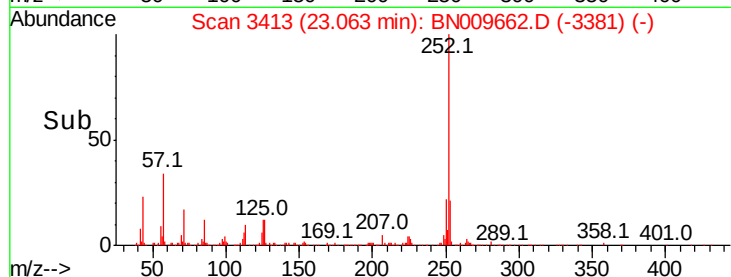
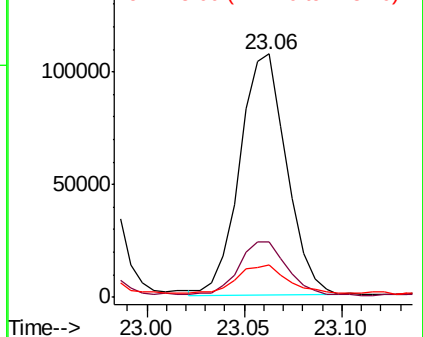


Abundance

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: 2.351 ng/ul

RT: 25.22 min Scan# 3779

Delta R.T. -0.02 min

Lab File: BN009662.D

Acq: 08 Feb 2020 00:37

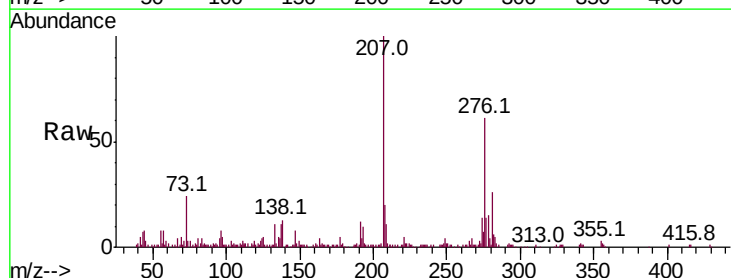
Tgt Ion:276 Resp: 117019

Ion Ratio Lower Upper

276 100

138 21.1 20.3 30.5

277 22.9 21.2 31.8

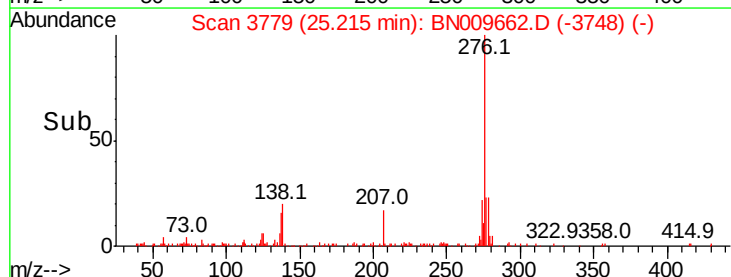
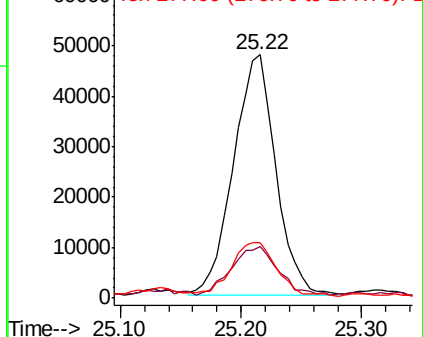


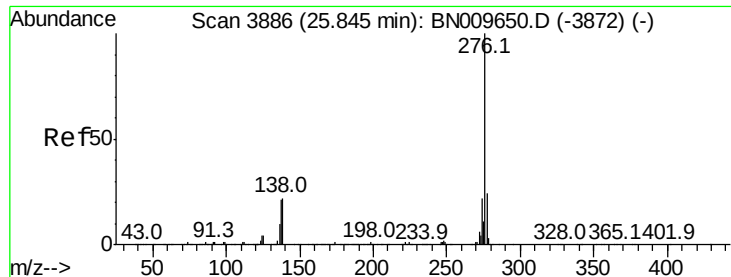
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 2.600 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.02 min

Lab File: BN009662.D

Acq: 08 Feb 2020 00:37

Instrument :

BNA_N

ClientSampleId :

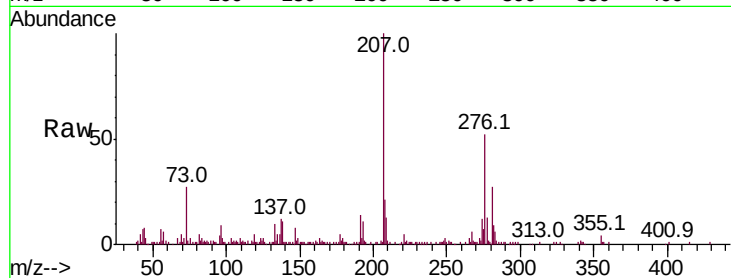
Tot Ion: 276 Resp: 108480

Ion Ratio Lower Upper

276 100

138 21.2 16.0 24.0

277 24.0 17.0 25.6



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

