

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
 Data File : BN002660.D
 Acq On : 12 Sep 2018 18:17
 Operator : JU/SJ
 Sample : J4792-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 13 06:00:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 13 05:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	195476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	857679	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	472611	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	941149	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	664342	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	643018	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	10000	2.41	ng/uL	0.00
5) Phenol-d5	6.85	99	216936	12.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	161318	14.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	175928	12.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	84802	5.92	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	101851	14.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	88081	12.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	151794	11.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	195419	13.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	655962	16.74	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	811089	16.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	302	0.04	ng/ul	0.05
57) Fluorene-d10	15.29	176	561574	16.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	890	0.15	ng/ul	0.02
70) Anthracene-d10	17.14	188	735300	16.35	ng/ul	0.00
78) Pyrene-d10	19.44	212	706948	22.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	576473	17.15	ng/ul	0.00

Target Compounds

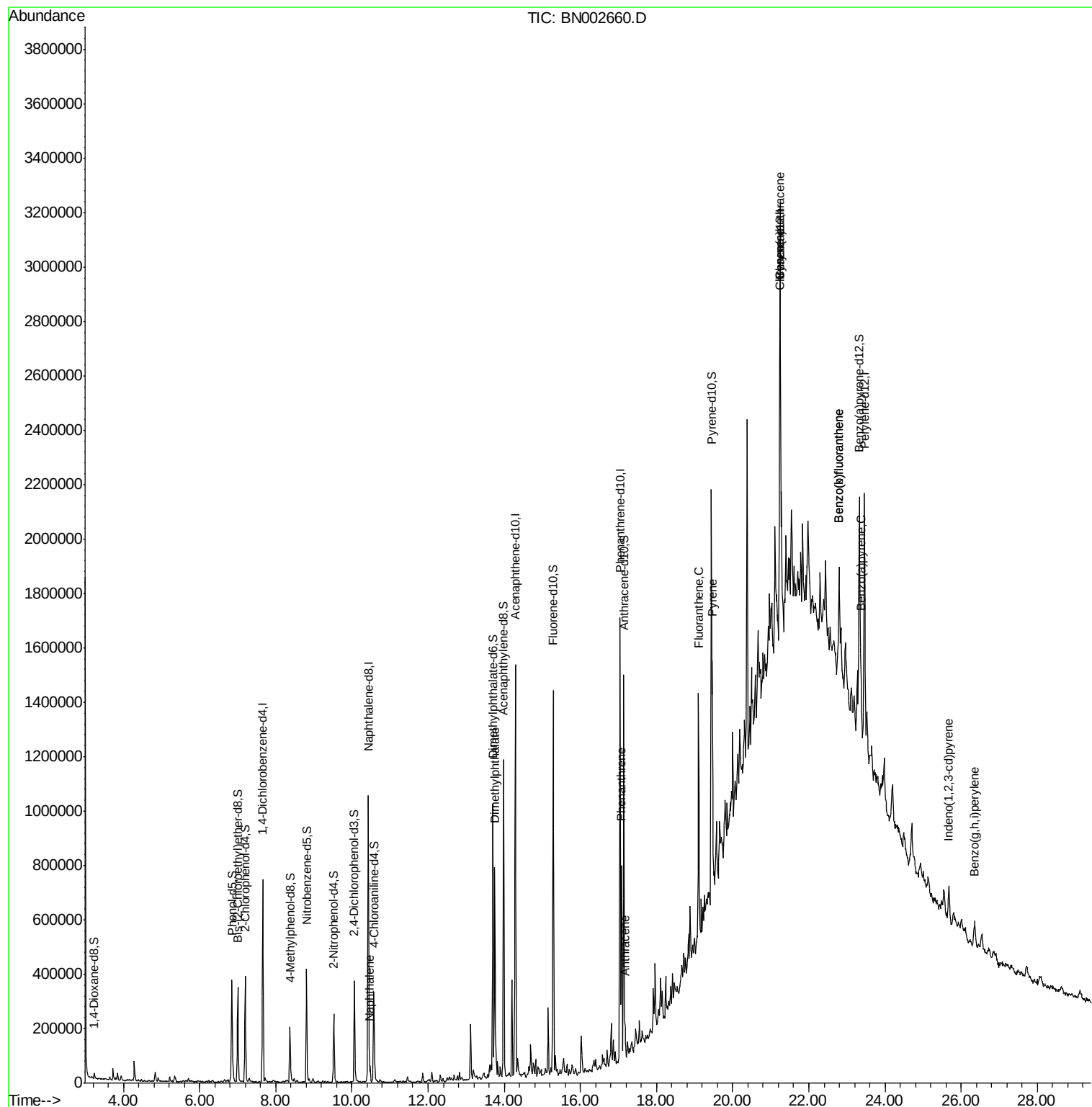
					Ovalue	
28) Naphthalene	10.48	128	48872	1.107	ng/ul	97
44) Dimethylphthalate	13.75	163	451298	11.745	ng/ul	99
69) Phenanthrene	17.08	178	433399	8.353	ng/ul	99
71) Anthracene	17.17	178	82146	1.561	ng/ul	99
76) Fluoranthene	19.10	202	479188	8.115	ng/ul	98
79) Pyrene	19.47	202	438142	10.938	ng/ul	99
82) Benzo(a)anthracene	21.23	228	211499	5.197	ng/ul	96
84) Chrysene	21.23	228	211499	5.491	ng/ul	94
87) Benzo(b)fluoranthene	22.80	252	227307	5.897	ng/ul#	85
88) Benzo(k)fluoranthene	22.80	252	227307	6.260	ng/ul#	84
90) Benzo(a)pyrene	23.37	252	153887	4.191	ng/ul#	84
91) Indeno(1,2,3-cd)pyrene	25.67	276	112515	2.576	ng/ul#	92
93) Benzo(g,h,i)perylene	26.36	276	103712	2.846	ng/ul	98

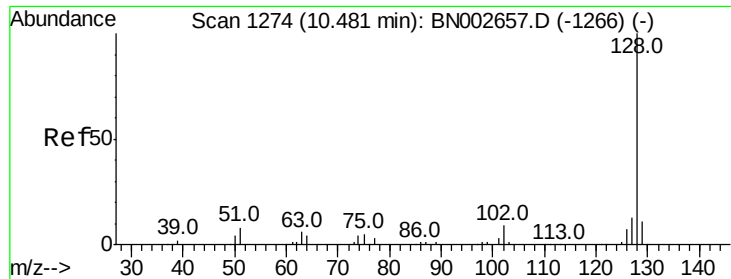
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002660.D
Acq On : 12 Sep 2018 18:17
Operator : JU/SJ
Sample : J4792-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 13 06:00:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

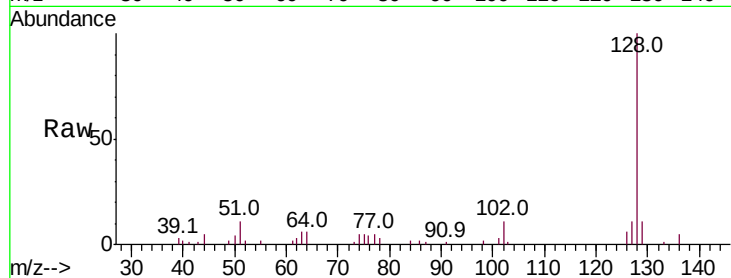




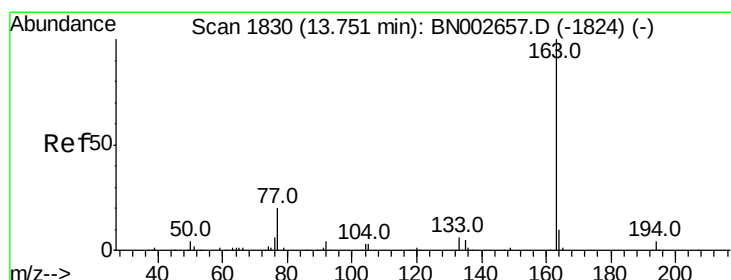
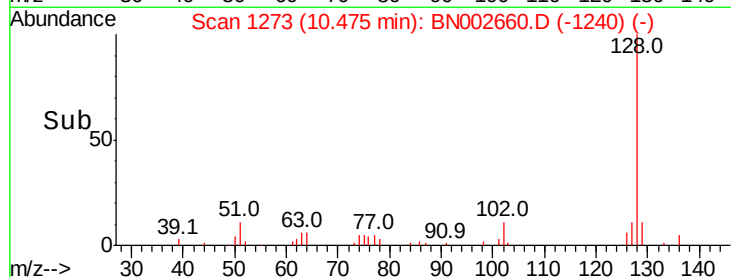
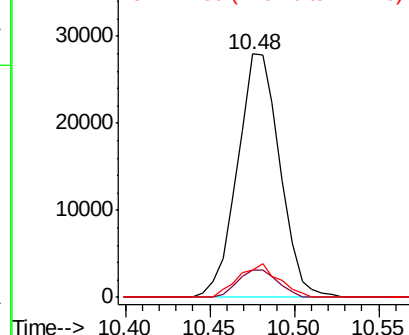
#28
Naphthalene
Concen: 1.107 ng/ul
RT: 10.48 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BN002660.D
Acq: 12 Sep 2018 18:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 48872
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 11.1 10.5 15.7

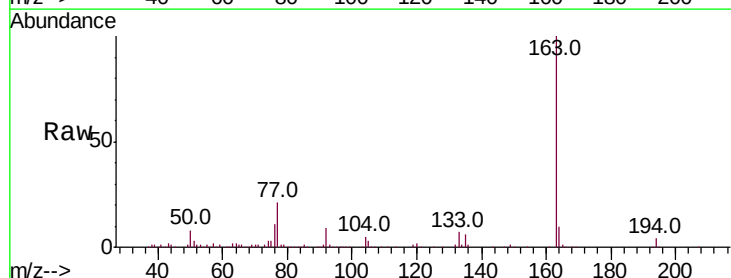


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

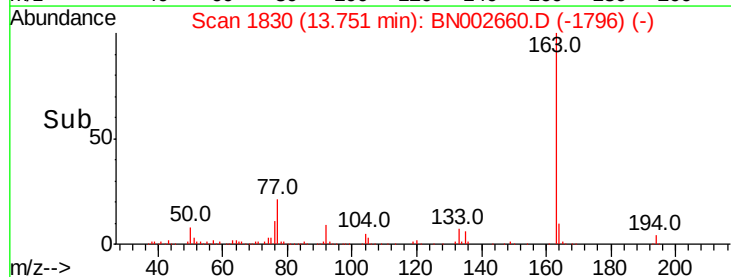
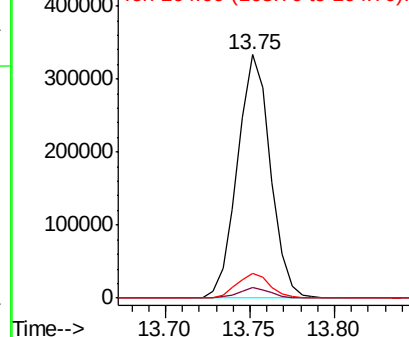


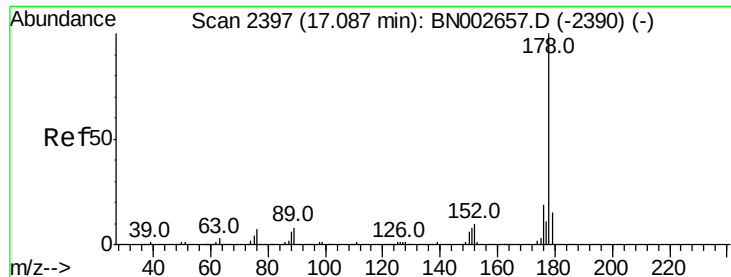
#44
Dimethylphthalate
Concen: 11.745 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BN002660.D
Acq: 12 Sep 2018 18:17

Tgt Ion:163 Resp: 451298
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.4 7.8 11.8



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: 8.353 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BN002660.D

Acq: 12 Sep 2018 18:17

Instrument :

BNA_N

ClientSampleId :

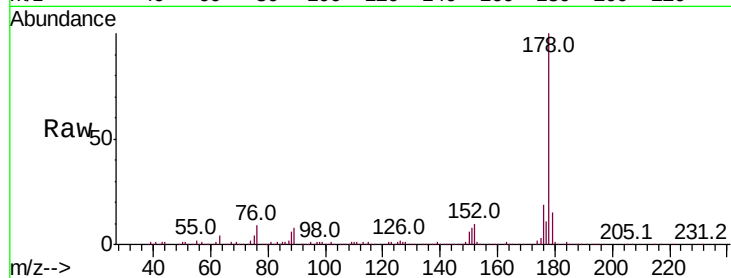
Tot Ion:178 Resp: 433399

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	18.6	15.6	23.4

178 100

179 15.0 12.2 18.4

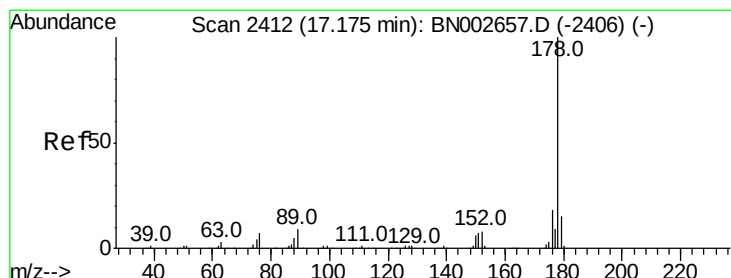
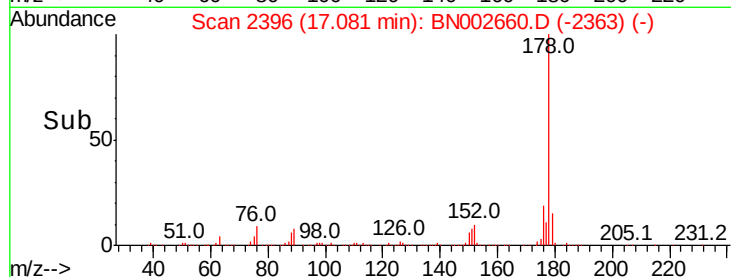
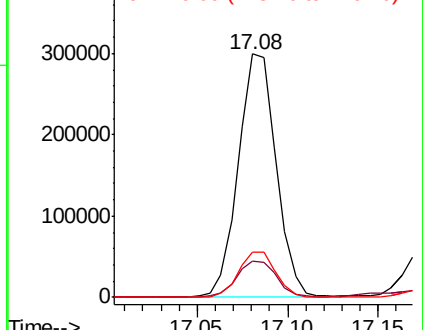
176 18.6 15.6 23.4



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: 1.561 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BN002660.D

Acq: 12 Sep 2018 18:17

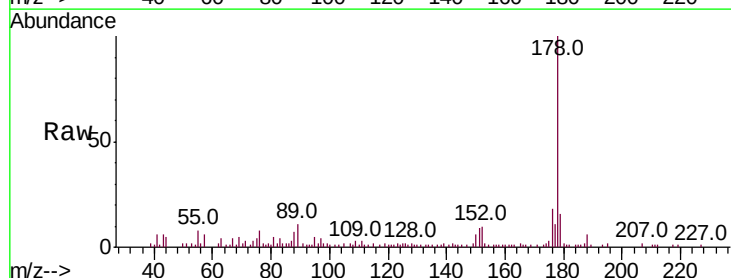
Tgt Ion:178 Resp: 82146

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	18.4	14.8	22.2

178 100

179 15.7 12.1 18.1

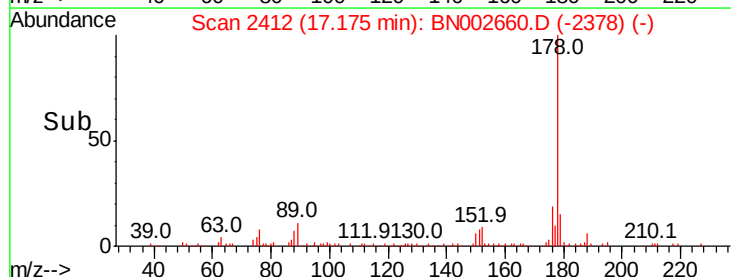
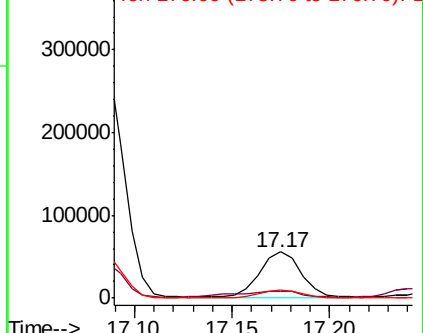
176 18.4 14.8 22.2

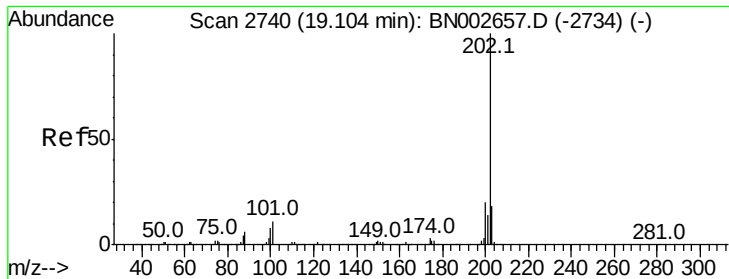


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

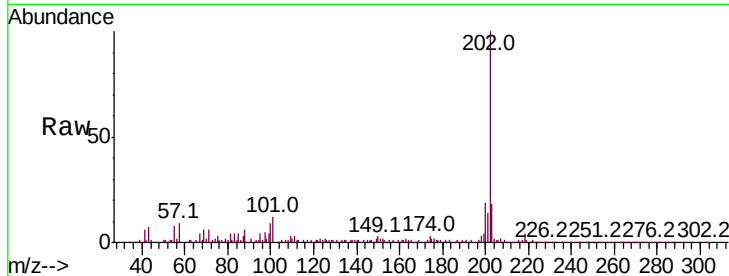




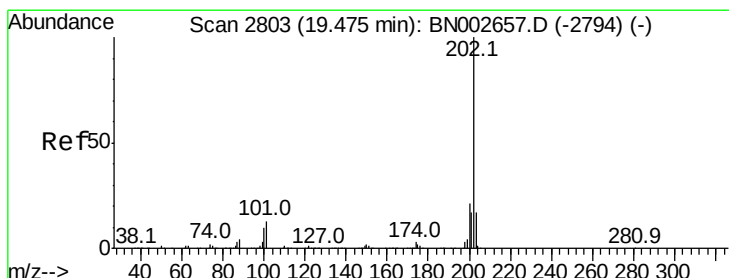
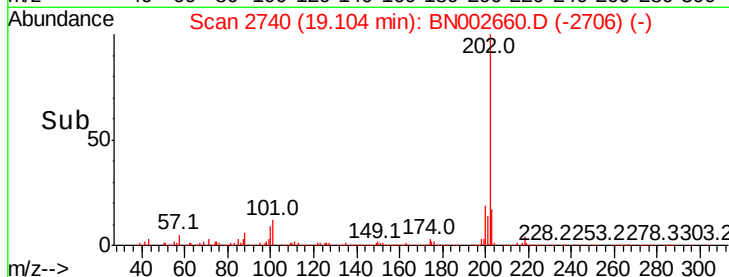
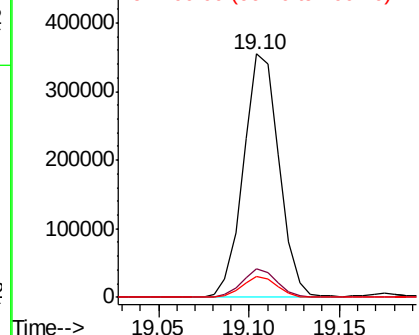
#76
Fluoranthene
Concen: 8.115 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. 0.00 min
Lab File: BN002660.D
Acq: 12 Sep 2018 18:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.8	13.2
100	8.8	6.6	9.8

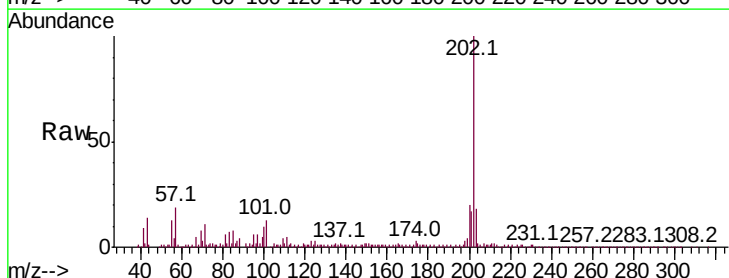


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

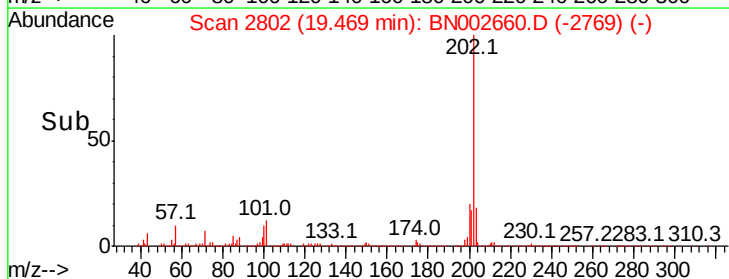
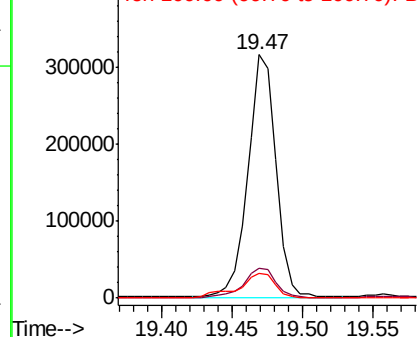


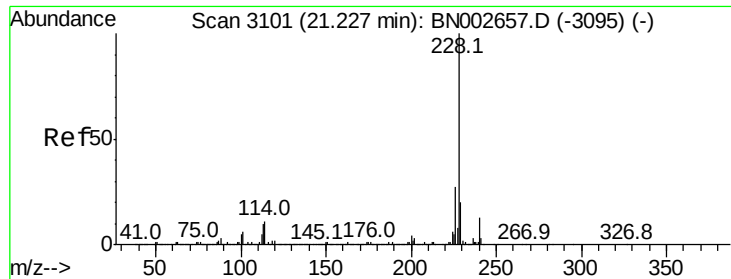
#79
Pyrene
Concen: 10.938 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BN002660.D
Acq: 12 Sep 2018 18:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.2	15.2
100	10.3	8.5	12.7



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





#82

Benzo(a)anthracene

Concen: 5.197 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.00 min

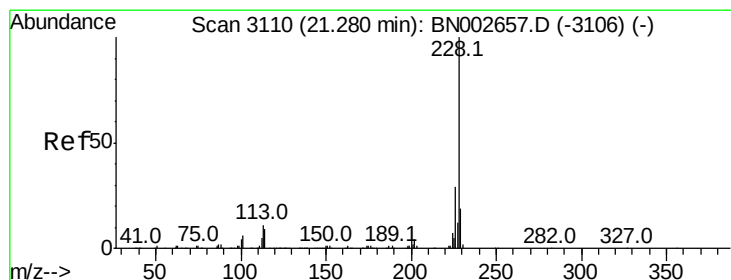
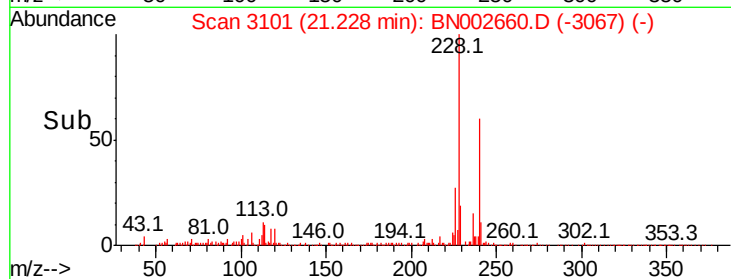
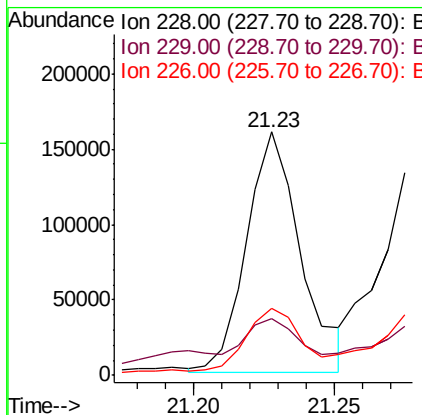
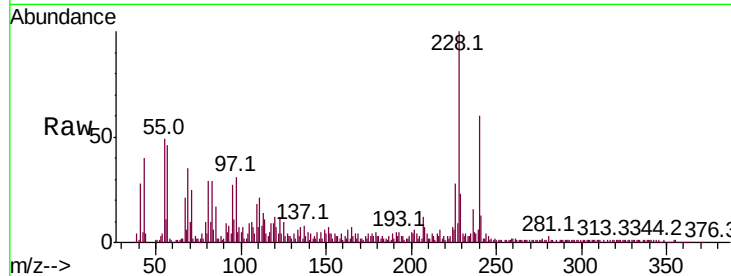
Lab File: BN002660.D

Acq: 12 Sep 2018 18:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 211499

Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.7	23.5
226	27.7	21.8	32.6



#84

Chrysene

Concen: 5.491 ng/ul

RT: 21.23 min Scan# 3101

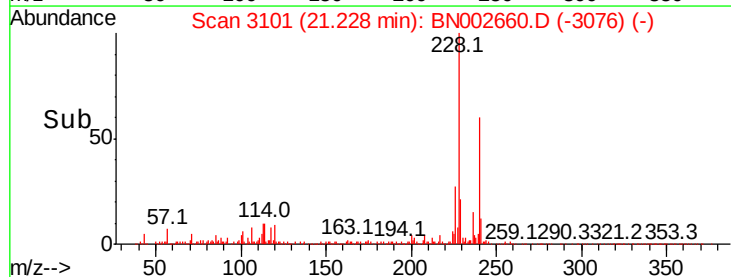
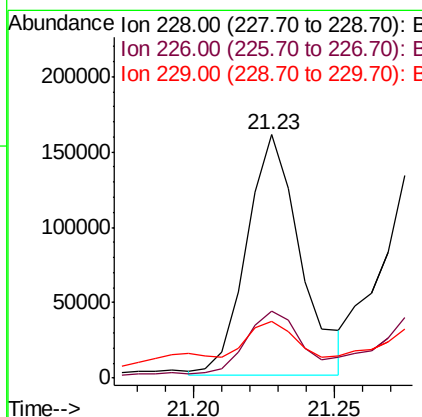
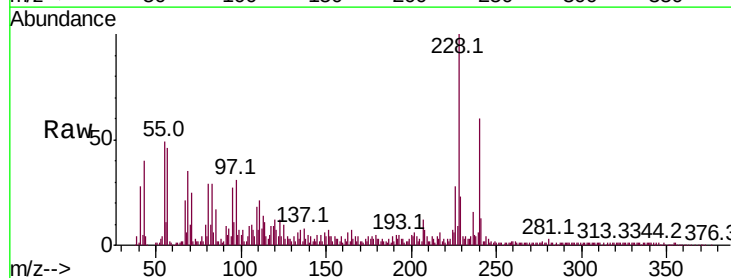
Delta R.T. -0.05 min

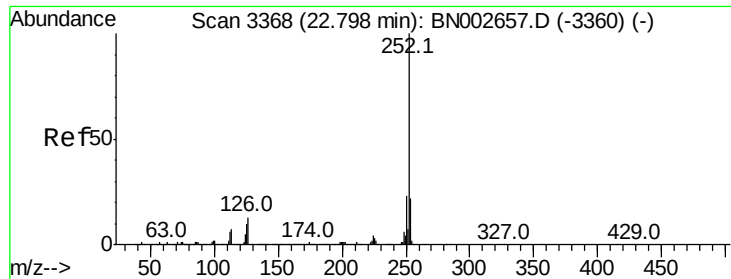
Lab File: BN002660.D

Acq: 12 Sep 2018 18:17

Tgt Ion:228 Resp: 211499

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.0	36.0
229	23.2	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 5.897 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BN002660.D

Acq: 12 Sep 2018 18:17

Instrument :

BNA_N

ClientSampled :

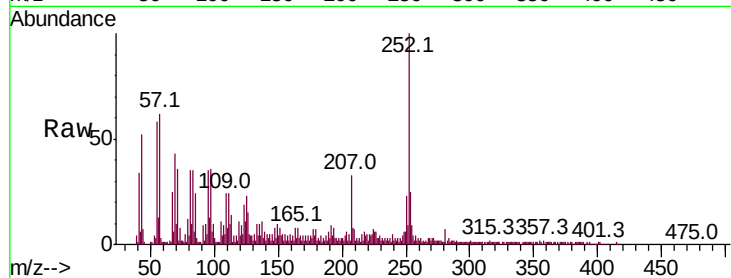
Tot Ion:252 Resp: 227307

Ion Ratio Lower Upper

252 100

253 24.8 17.5 26.3

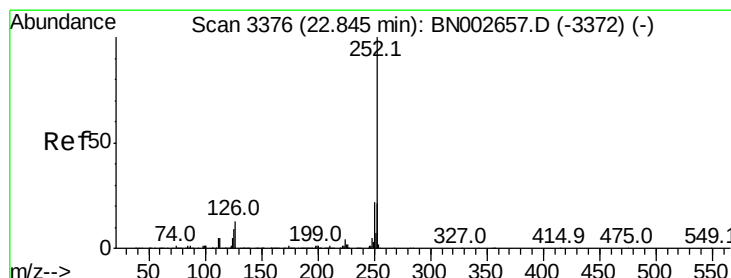
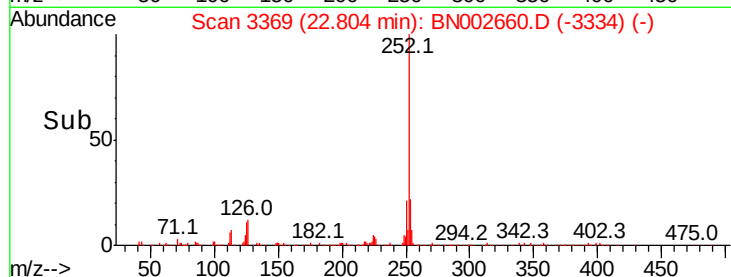
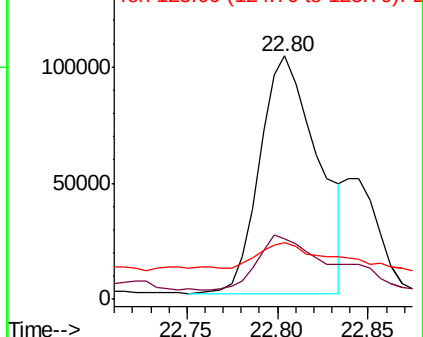
125 23.5 8.5 12.7#



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: 6.260 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. -0.04 min

Lab File: BN002660.D

Acq: 12 Sep 2018 18:17

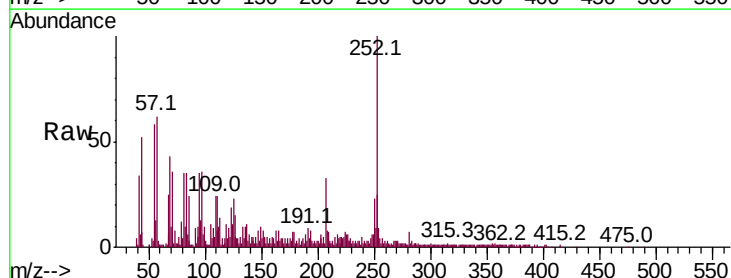
Tgt Ion:252 Resp: 227307

Ion Ratio Lower Upper

252 100

253 24.8 17.3 25.9

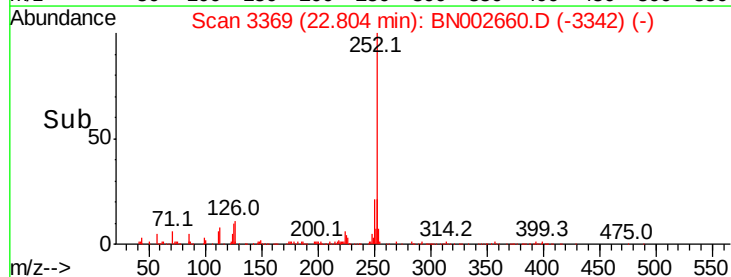
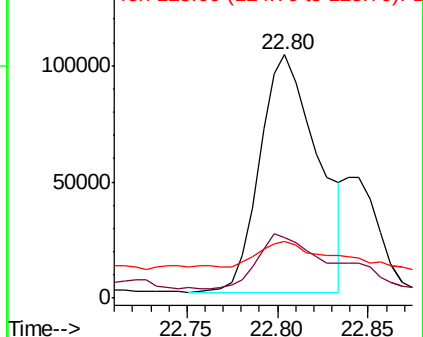
125 23.5 8.2 12.2#

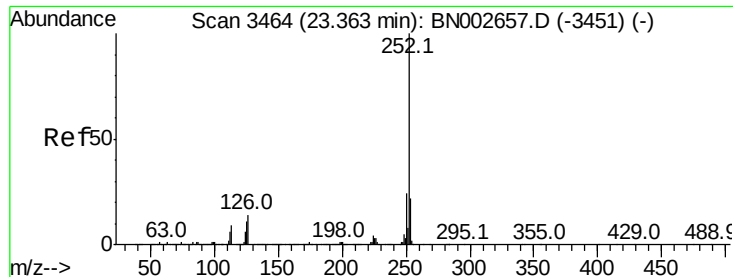


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 4.191 ng/ul

RT: 23.37 min Scan# 3465

Delta R.T. 0.01 min

Lab File: BN002660.D

Acq: 12 Sep 2018 18:17

Instrument :

BNA_N

ClientSampleId :

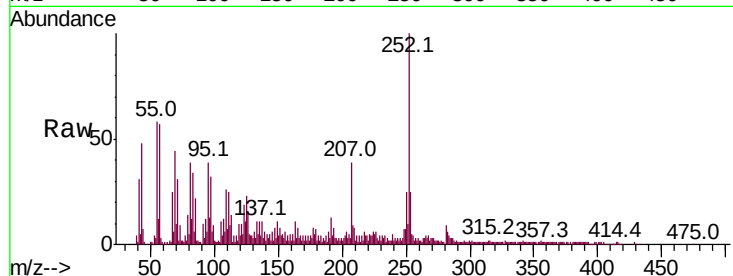
Tot Ion:252 Resp: 153887

Ion Ratio Lower Upper

252 100

253 25.2 17.2 25.8

125 23.1 9.0 13.6#

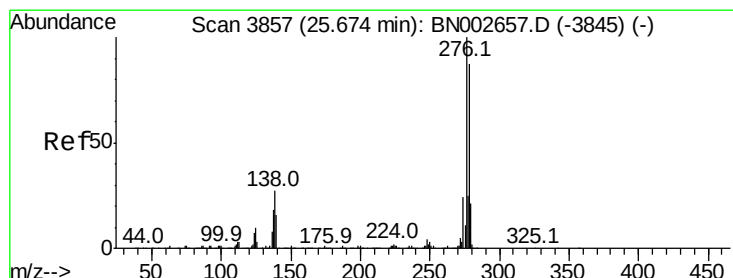
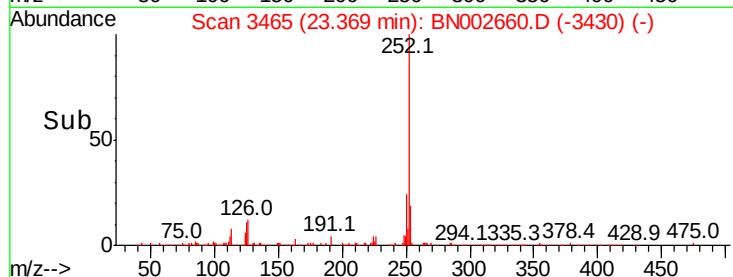
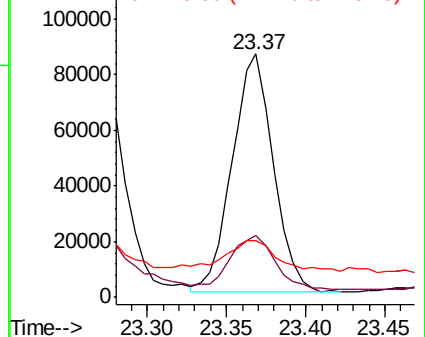


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.576 ng/ul

RT: 25.67 min Scan# 3857

Delta R.T. 0.00 min

Lab File: BN002660.D

Acq: 12 Sep 2018 18:17

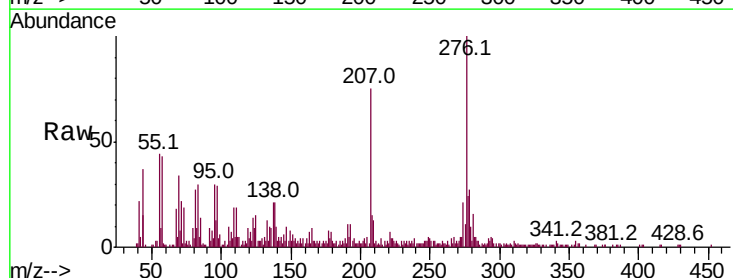
Tgt Ion:276 Resp: 112515

Ion Ratio Lower Upper

276 100

138 20.9 22.3 33.5#

277 23.9 20.2 30.2

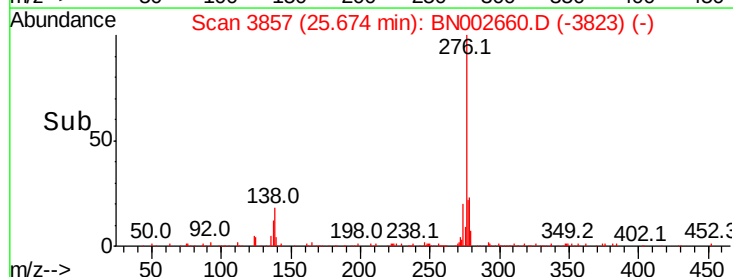
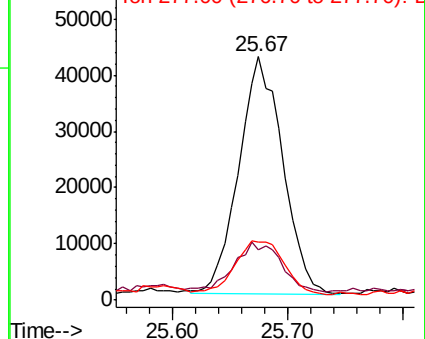


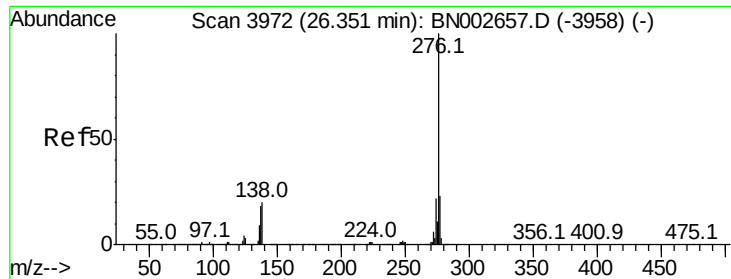
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 2.846 ng/ul

RT: 26.36 min Scan# 3973

Delta R.T. 0.01 min

Lab File: BN002660.D

Acq: 12 Sep 2018 18:17

Instrument :

BNA_N

ClientSampleId :

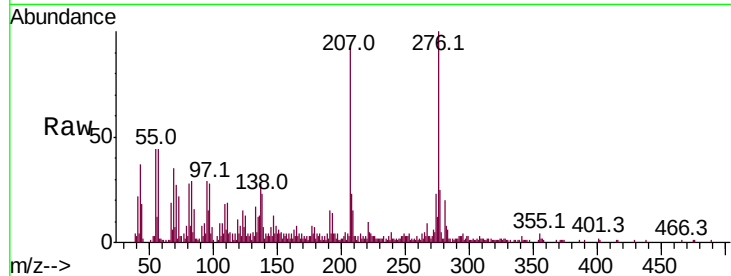
Tot Ion:276 Resp: 103712

Ion Ratio Lower Upper

276 100

138 22.9 18.9 28.3

277 25.0 19.2 28.8



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

