

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
 Data File : BN002604.D
 Acq On : 06 Sep 2018 05:23
 Operator : JU/SJ
 Sample : J4688-10 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 06 06:58:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 06 06:54:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	182138	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	832380	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	491645	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1110340	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	1143130	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	995816	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	2701	0.70	ng/uL	0.00
5) Phenol-d5	6.85	99	65893	3.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	41959	4.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	54215	4.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	50375	3.77	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	25856	3.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	29211	4.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	52766	4.12	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	16301	1.18	ng/ul	0.02
43) Dimethylphthalate-d6	13.71	166	178314	4.38	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	219075	4.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	18142	2.35	ng/ul	0.02
57) Fluorene-d10	15.29	176	164370	4.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	19100	2.70	ng/ul	0.00
70) Anthracene-d10	17.14	188	243493	4.59	ng/ul	0.00
78) Pyrene-d10	19.44	212	273652	5.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	243364	4.67	ng/ul	0.00

Target Compounds

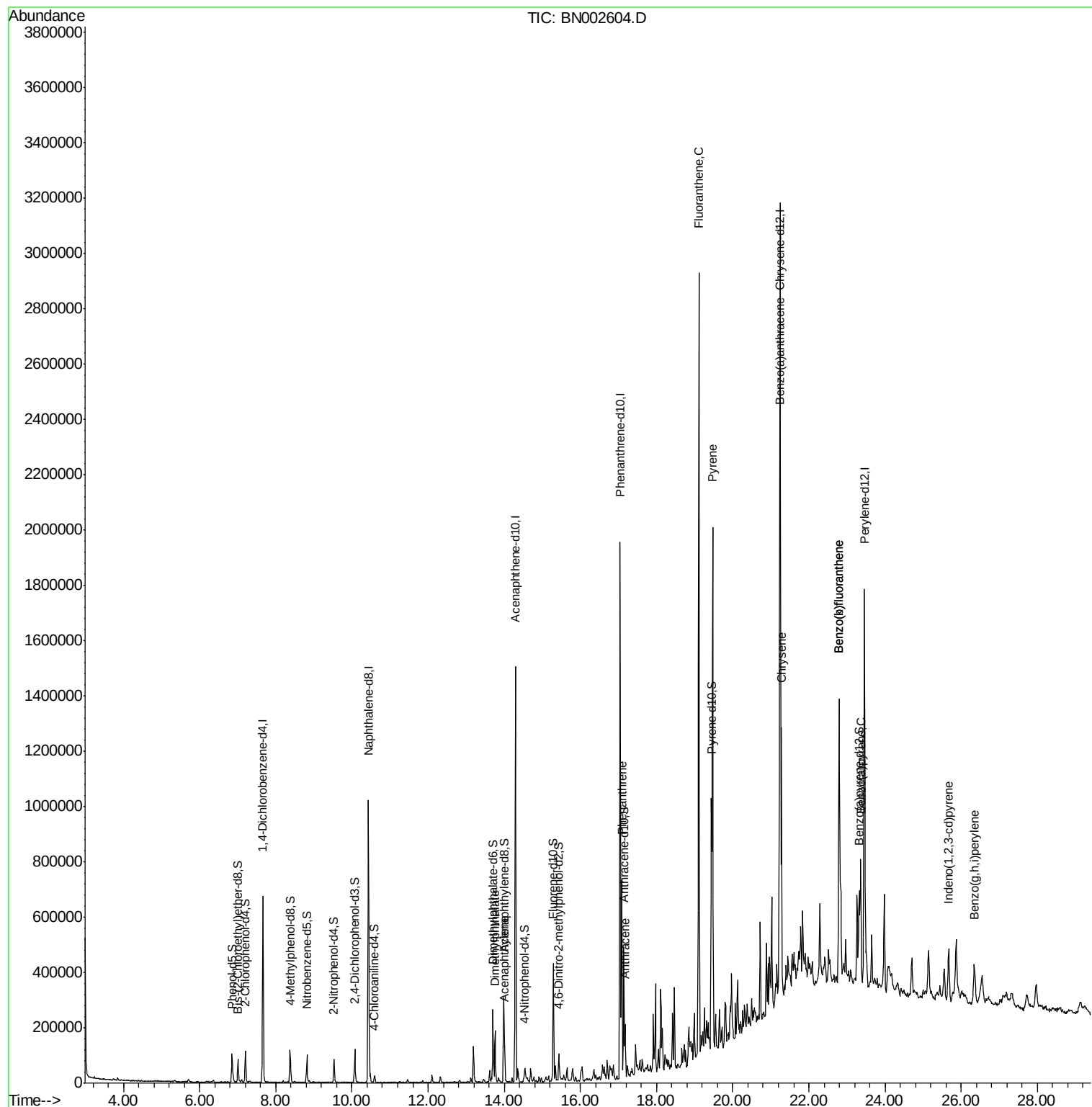
					Ovalue
44) Dimethylphthalate	13.76	163	119171	2.981	ng/ul 98
47) Acenaphthylene	14.02	152	79188	1.664	ng/ul 97
69) Phenanthrene	17.09	178	418449	6.836	ng/ul 98
71) Anthracene	17.17	178	121735	1.961	ng/ul 99
76) Fluoranthene	19.11	202	1624397	23.317	ng/ul 100
79) Pyrene	19.47	202	1132858	16.435	ng/ul 99
82) Benzo(a)anthracene	21.23	228	495528	7.076	ng/ul 98
84) Chrysene	21.28	228	527327	7.956	ng/ul 98
87) Benzo(b)fluoranthene	22.80	252	556863	9.329	ng/ul 98
88) Benzo(k)fluoranthene	22.80	252	556863	9.902	ng/ul 98
90) Benzo(a)pyrene	23.36	252	284618	5.005	ng/ul 97
91) Indeno(1,2,3-cd)pyrene	25.67	276	169540	2.506	ng/ul# 93
93) Benzo(g,h,i)perylene	26.35	276	142259	2.520	ng/ul 95

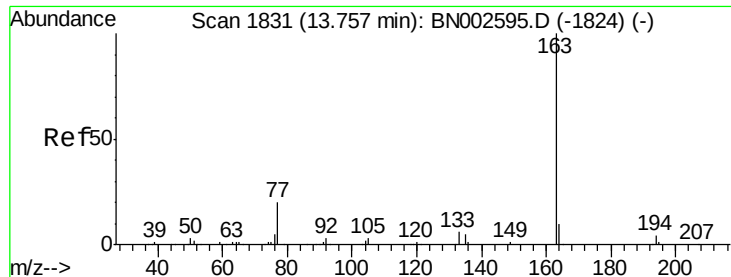
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 2.981 ng/ul

RT: 13.76 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BN002604.D

Acq: 06 Sep 2018 05:23

Instrument :

BNA_N

ClientSampled :

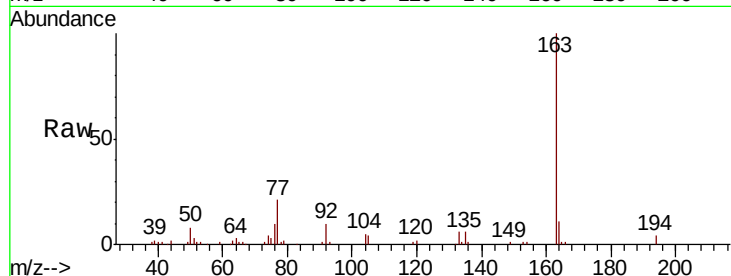
Tot Ion:163 Resp: 119171

Ion Ratio Lower Upper

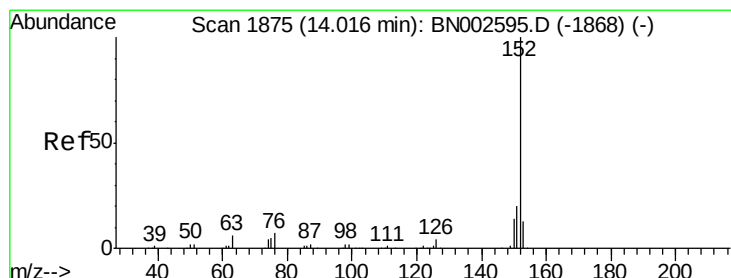
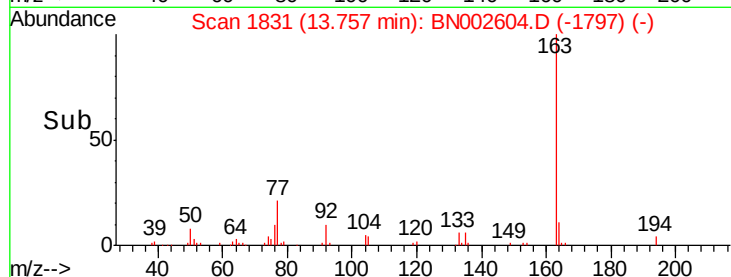
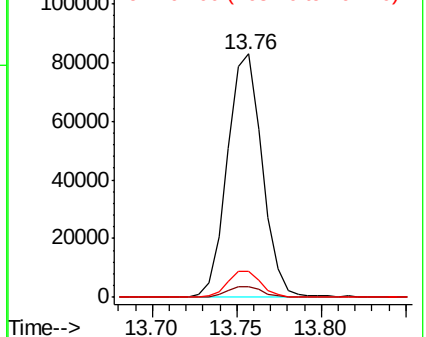
163 100

194 4.2 3.2 4.8

164 10.6 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



#47

Acenaphthylene

Concen: 1.664 ng/ul

RT: 14.02 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BN002604.D

Acq: 06 Sep 2018 05:23

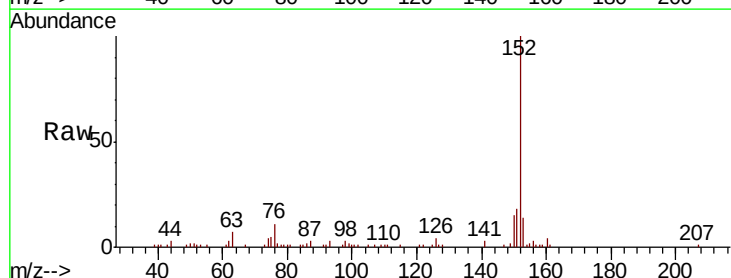
Tgt Ion:152 Resp: 79188

Ion Ratio Lower Upper

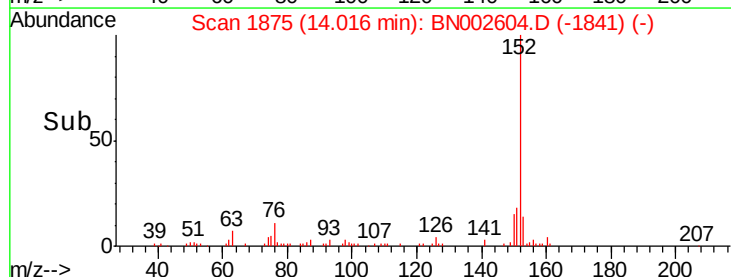
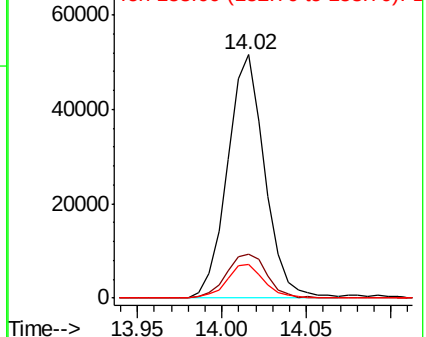
152 100

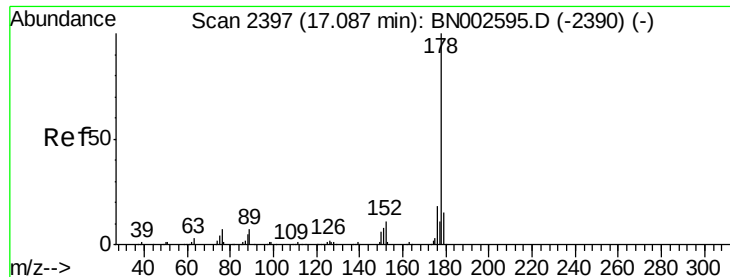
151 18.3 15.7 23.5

153 13.9 10.5 15.7



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: 6.836 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BN002604.D

Acq: 06 Sep 2018 05:23

Instrument :

BNA_N

ClientSampleId :

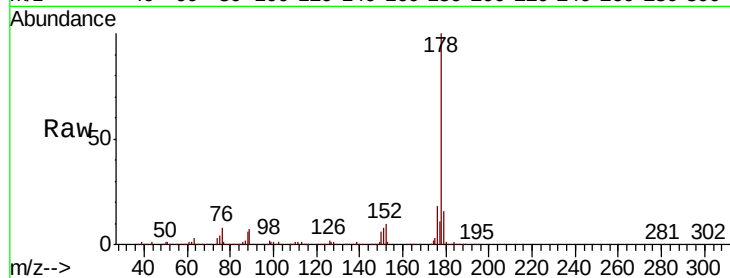
Tot Ion:178 Resp: 418449

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

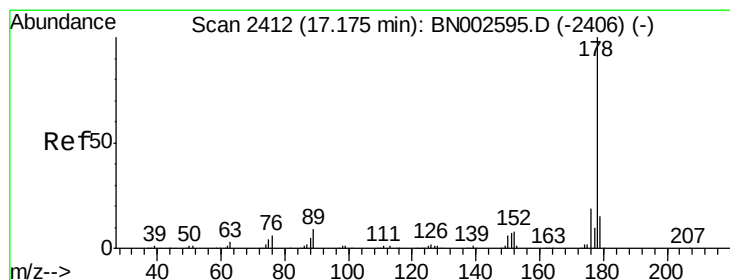
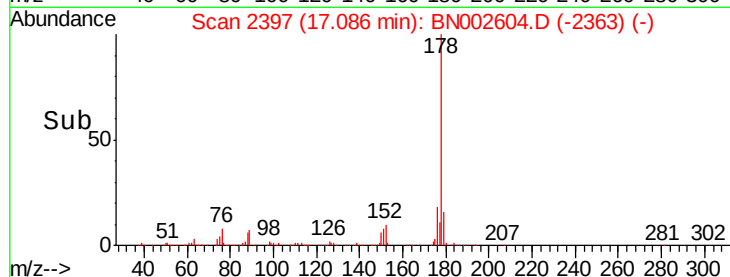
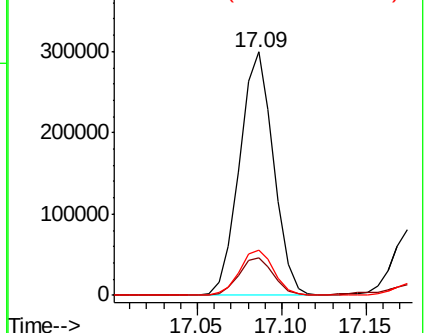
176 18.4 15.6 23.4



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: 1.961 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BN002604.D

Acq: 06 Sep 2018 05:23

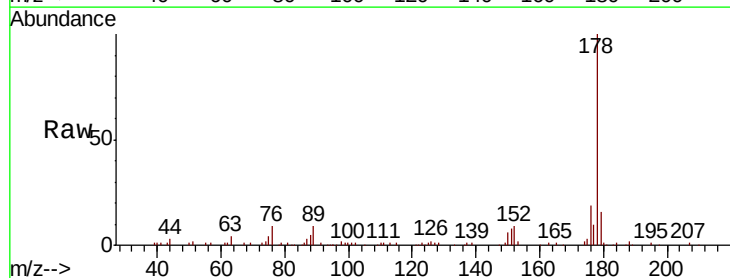
Tgt Ion:178 Resp: 121735

Ion Ratio Lower Upper

178 100

179 15.8 12.1 18.1

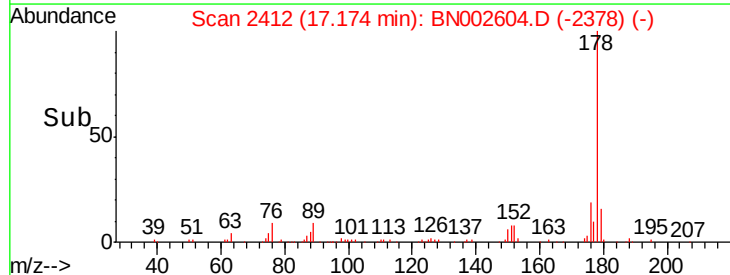
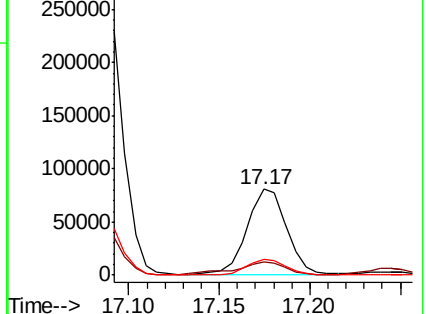
176 18.5 14.8 22.2

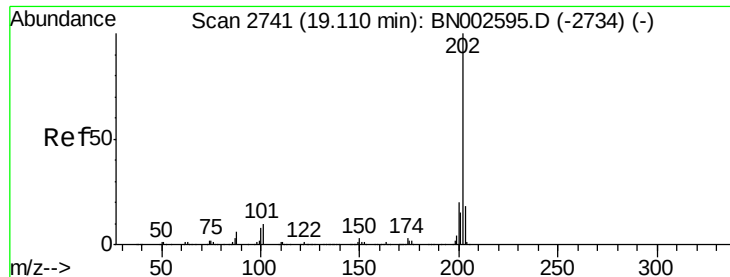


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 23.317 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BN002604.D

Acq: 06 Sep 2018 05:23

Instrument :

BNA_N

ClientSampleId :

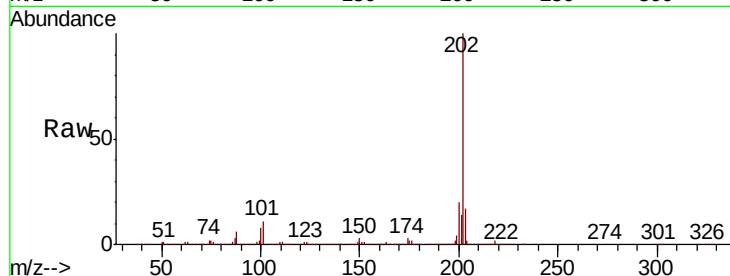
Tot Ion:202 Resp: 1624397

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
100	8.4	6.6	9.8

202 100

101 11.0 8.8 13.2

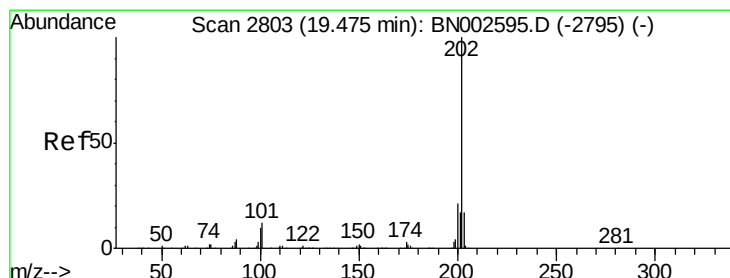
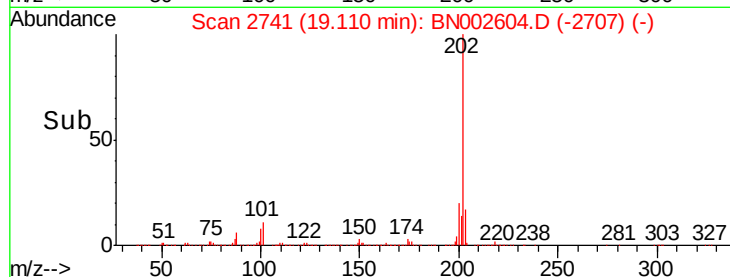
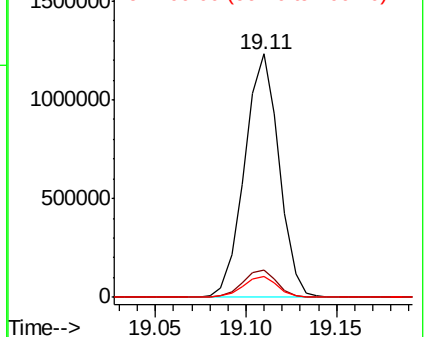
100 8.4 6.6 9.8



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: 16.435 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BN002604.D

Acq: 06 Sep 2018 05:23

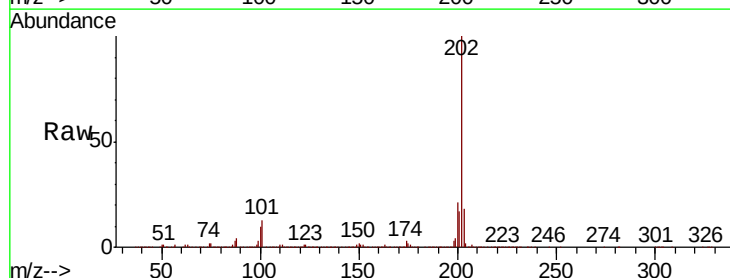
Tgt Ion:202 Resp: 1132858

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.2	15.2
100	10.0	8.5	12.7

202 100

101 12.6 10.2 15.2

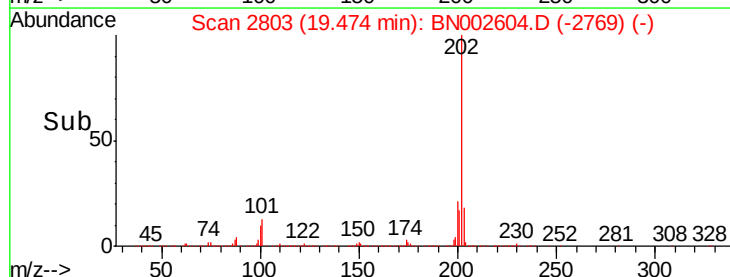
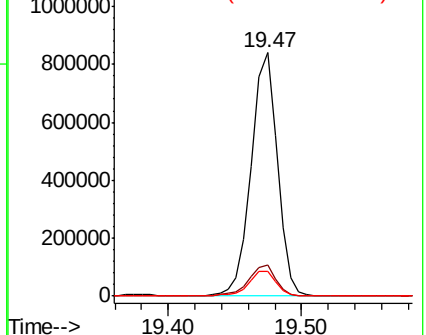
100 10.0 8.5 12.7

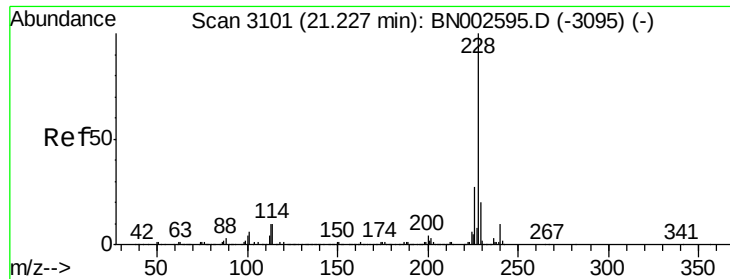


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 7.076 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BN002604.D

Acq: 06 Sep 2018 05:23

Instrument :

BNA_N

ClientSampled :

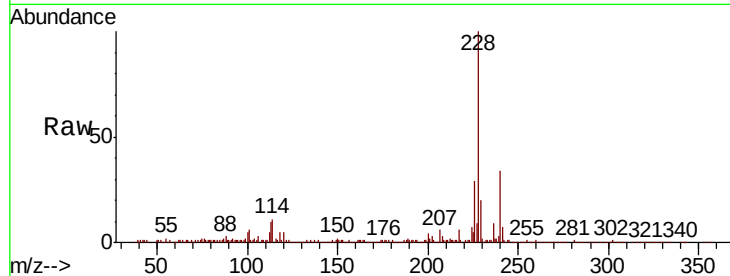
Tot Ion:228 Resp: 495528

Ion Ratio Lower Upper

228 100

229 20.4 15.7 23.5

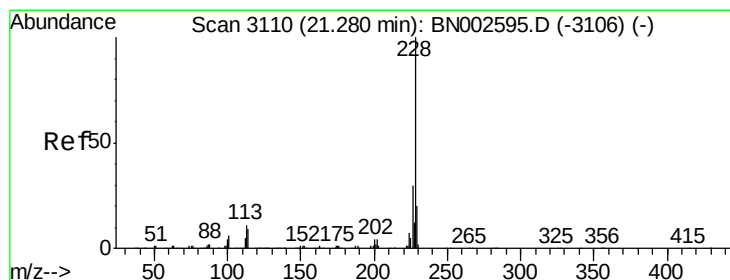
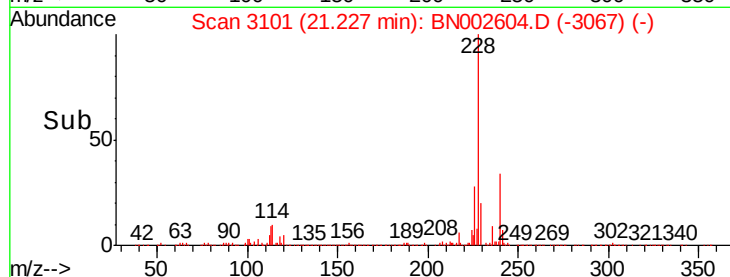
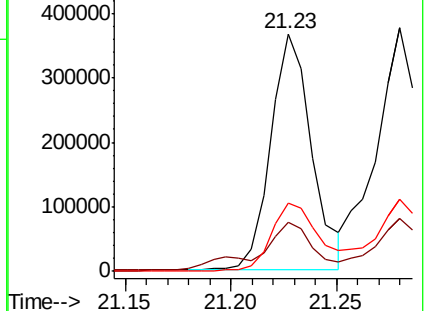
226 28.6 21.8 32.6



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: 7.956 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BN002604.D

Acq: 06 Sep 2018 05:23

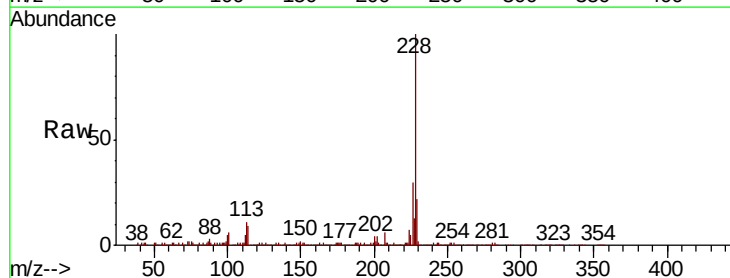
Tgt Ion:228 Resp: 527327

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

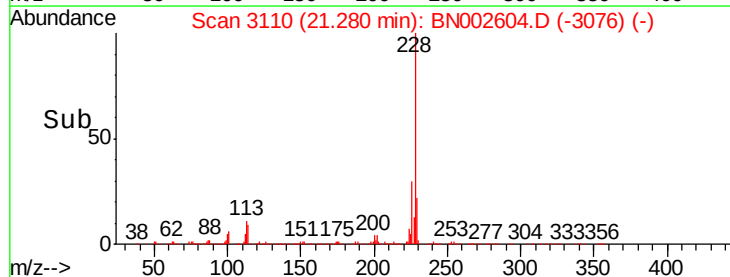
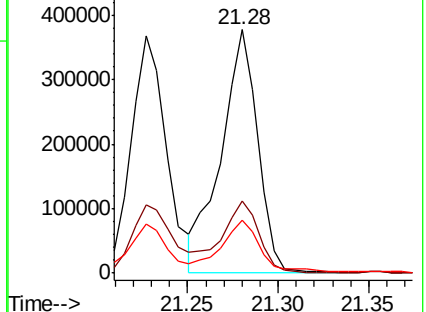
229 21.9 15.6 23.4

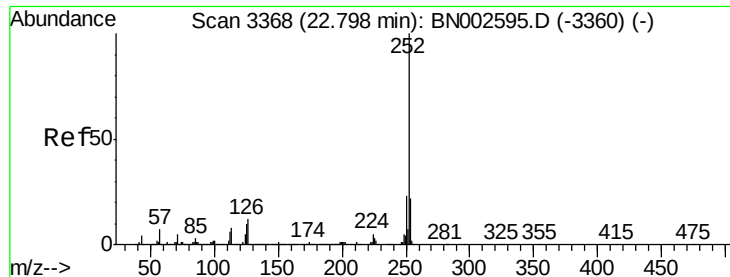


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 9.329 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BN002604.D

Acq: 06 Sep 2018 05:23

Instrument :

BNA_N

ClientSampleId :

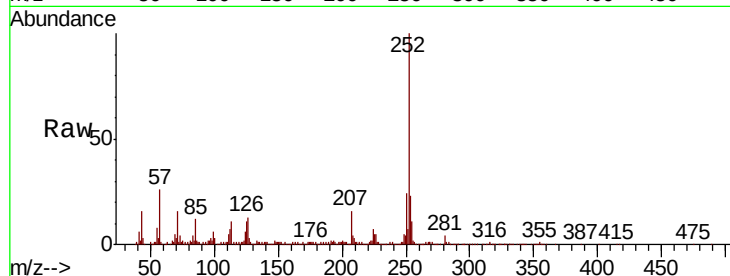
Tot Ion:252 Resp: 556863

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

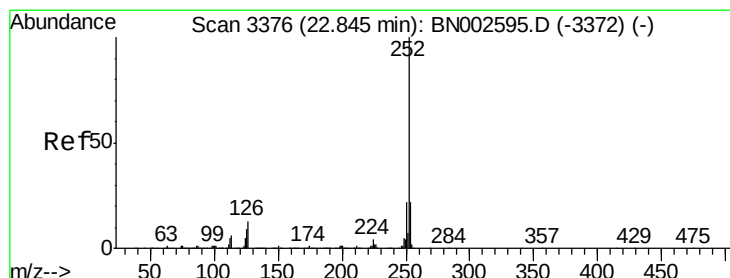
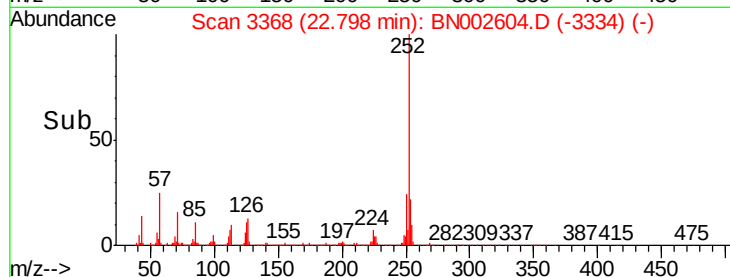
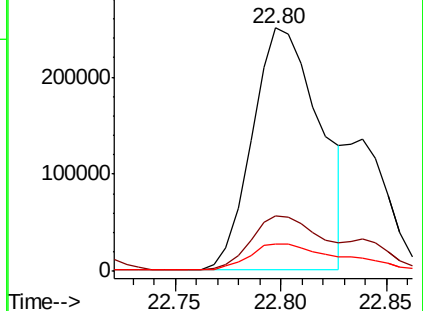
125 11.1 8.5 12.7



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: 9.902 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. -0.05 min

Lab File: BN002604.D

Acq: 06 Sep 2018 05:23

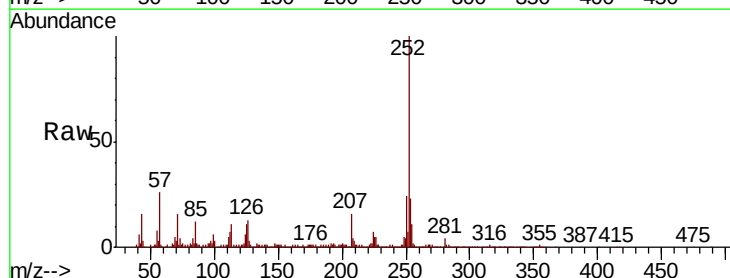
Tgt Ion:252 Resp: 556863

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

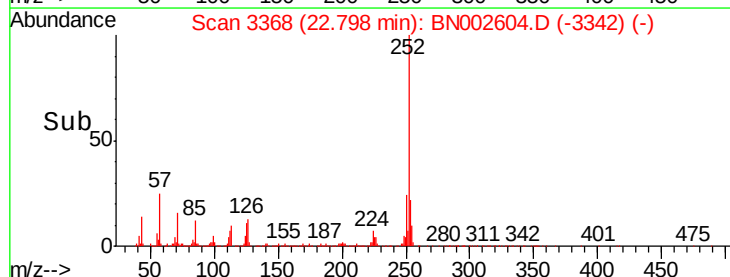
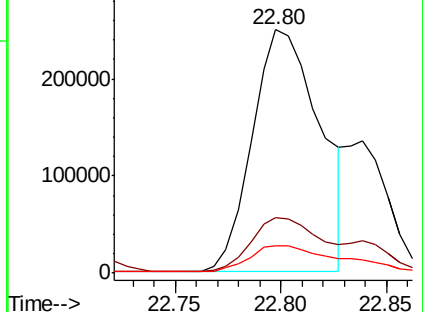
125 11.1 8.2 12.2

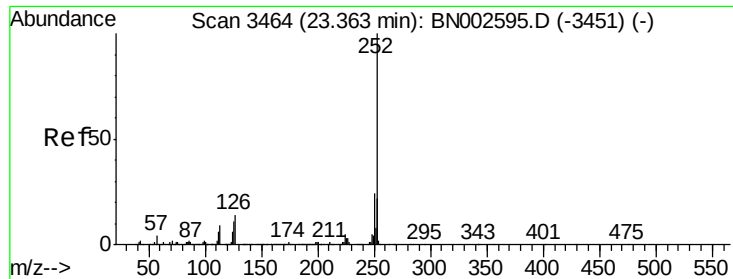


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 5.005 ng/ul

RT: 23.36 min Scan# 3464

Delta R.T. -0.00 min

Lab File: BN002604.D

Acq: 06 Sep 2018 05:23

Instrument :

BNA_N

ClientSampled :

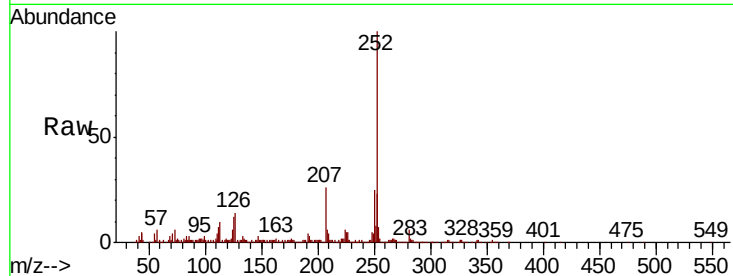
Tot Ion:252 Resp: 284618

Ion Ratio Lower Upper

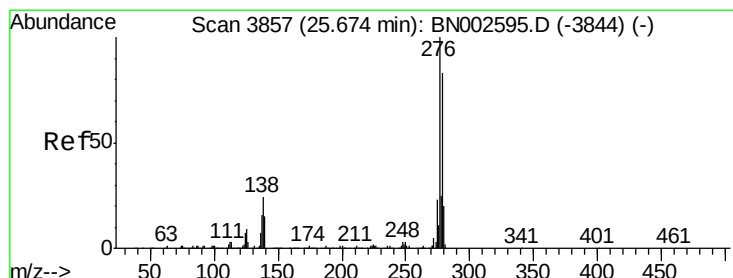
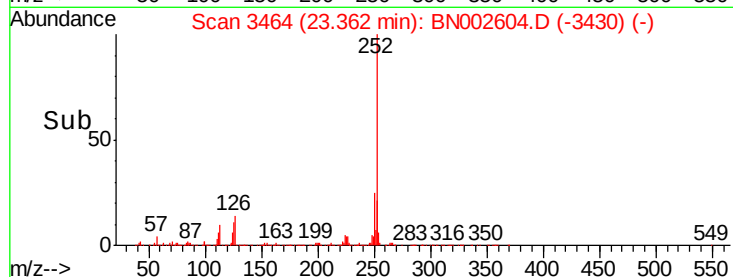
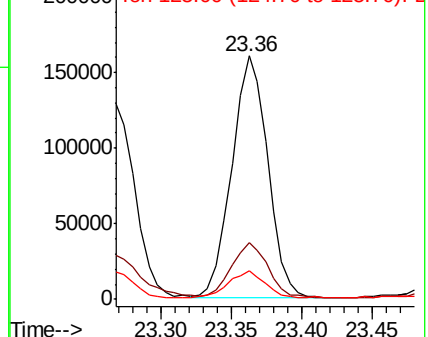
252 100

253 23.4 17.2 25.8

125 11.8 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: 2.506 ng/ul

RT: 25.67 min Scan# 3856

Delta R.T. -0.01 min

Lab File: BN002604.D

Acq: 06 Sep 2018 05:23

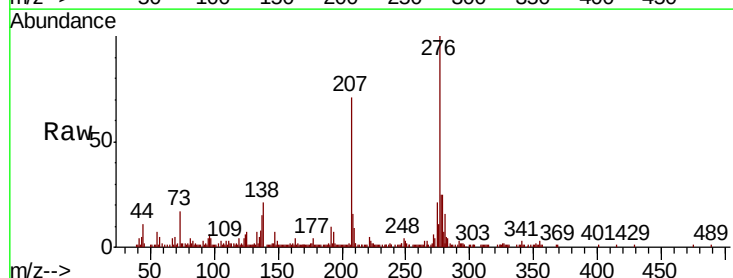
Tgt Ion:276 Resp: 169540

Ion Ratio Lower Upper

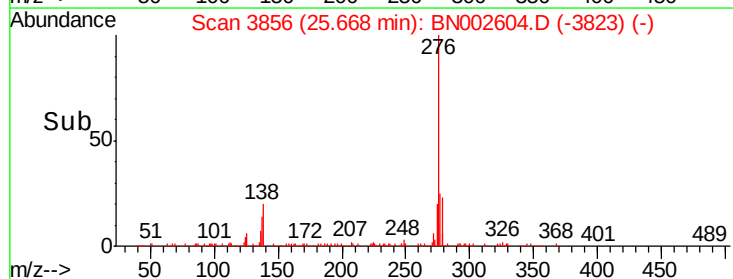
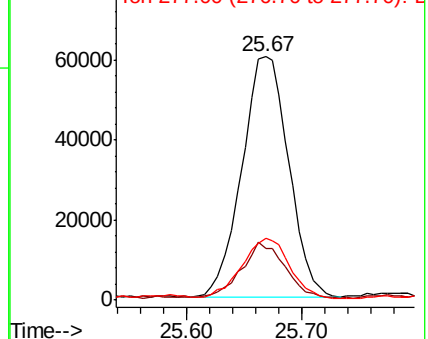
276 100

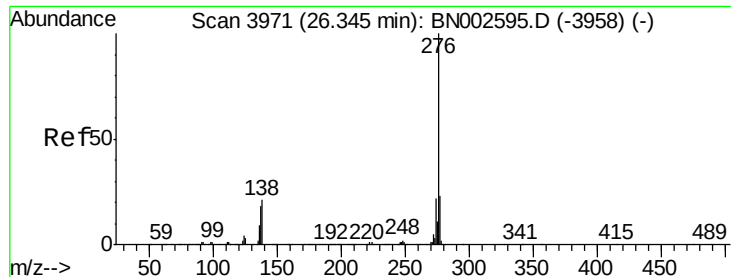
138 21.2 22.3 33.5#

277 25.4 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: 2.520 ng/ul

RT: 26.35 min Scan# 3972

Delta R.T. 0.01 min

Lab File: BN002604.D

Acq: 06 Sep 2018 05:23

Instrument :

BNA_N

ClientSampleId :

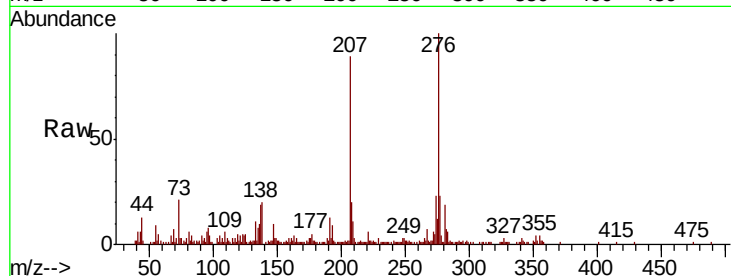
Tot Ion: 276 Resp: 142259

Ion Ratio Lower Upper

276 100

138 20.3 18.9 28.3

277 22.9 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

