

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019406.D
 Acq On : 24 Mar 2019 23:37
 Operator : JU/SJ
 Sample : K2031-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 25 03:04:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 02:03:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	143051	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.39	136	603996	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.26	164	348789	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	788495	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	852938	20.00	ng/ul	-0.02
86) Perylene-d12	23.44	264	931055	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	16606	4.54	ng/uL	0.00
5) Phenol-d5	6.79	99	170249	13.36	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	110887	13.00	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.14	132	137712	14.26	ng/ul	-0.01
13) 4-Methylphenol-d8	8.32	113	130775	13.68	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	60398	14.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	68363	14.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	123898	13.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	133985	12.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	432362	15.36	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	507214	14.41	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.53	143	42456	9.62	ng/ul	0.02
58) Fluorene-d10	15.26	176	379493	15.65	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	48294	9.26	ng/ul	0.00
71) Anthracene-d10	17.12	188	578771	15.30	ng/ul	-0.01
79) Pyrene-d10	19.43	212	618903	15.71	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	669227	13.56	ng/ul	-0.02

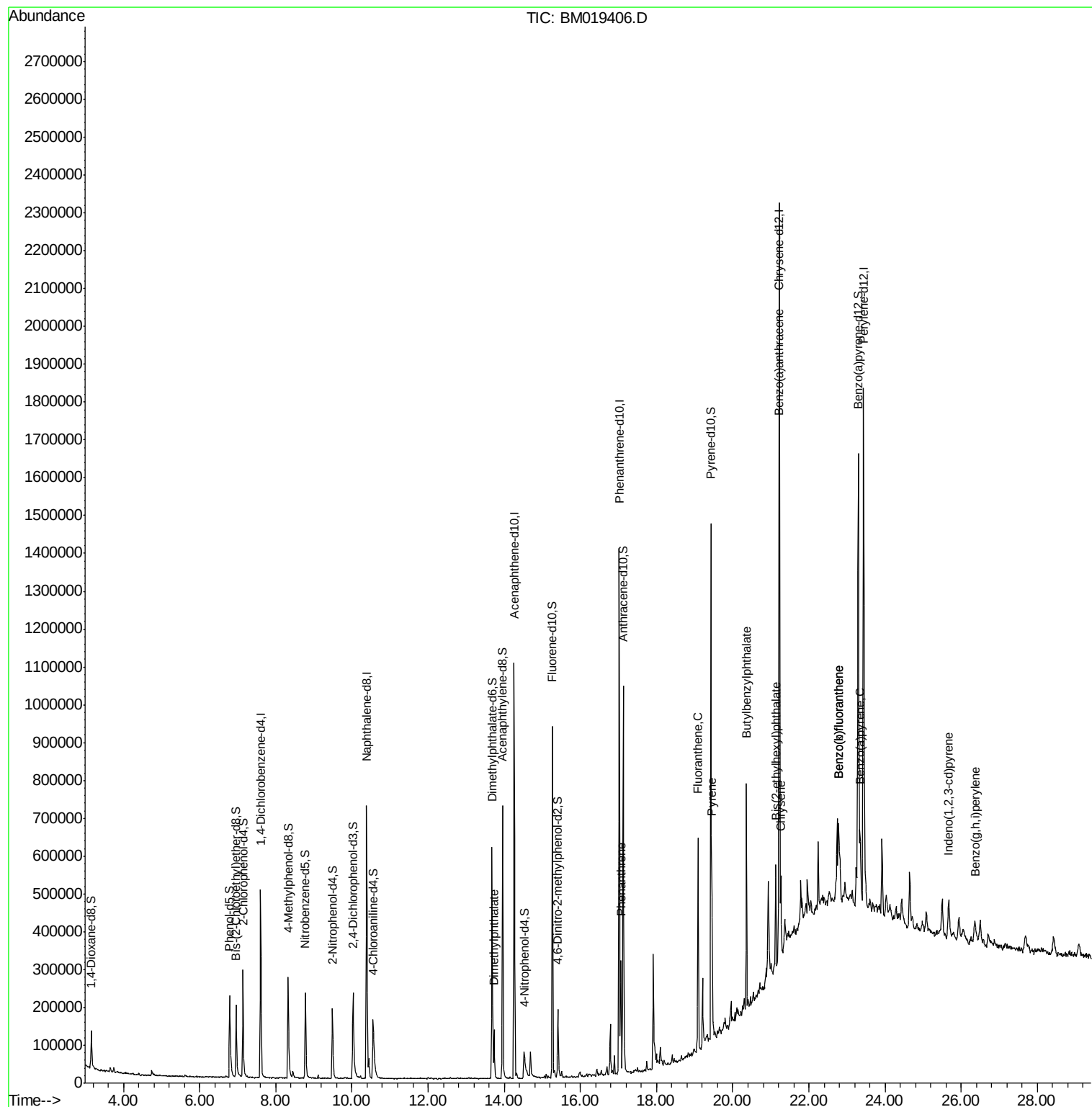
Target Compounds				Ovalue		
45) Dimethylphthalate	13.73	163	80880	2.864	ng/ul	99
70) Phenanthrene	17.06	178	167521	3.747	ng/ul	99
77) Fluoranthene	19.09	202	322677	6.299	ng/ul#	88
80) Pyrene	19.46	202	265395	5.172	ng/ul#	85
81) Butylbenzylphthalate	20.36	149	157856	7.769	ng/ul	91
83) Benzo(a)anthracene	21.21	228	137955	2.687	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	86511	2.938	ng/ul	97
85) Chrysene	21.26	228	111200	2.257	ng/ul	97
88) Benzo(b)fluoranthene	22.77	252	168119	2.964	ng/ul#	92
89) Benzo(k)fluoranthene	22.77	252	168119	3.087	ng/ul#	92
91) Benzo(a)pyrene	23.34	252	112299	2.071	ng/ul#	89
92) Indeno(1,2,3-cd)pyrene	25.67	276	81940	1.207	ng/ul#	93
94) Benzo(g,h,i)perylene	26.36	276	70626	1.245	ng/ul#	92

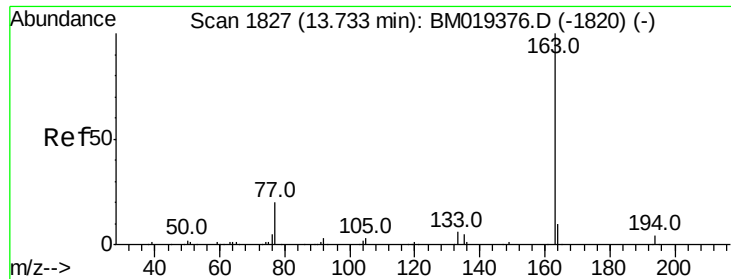
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 2.864 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BM019406.D

Acq: 24 Mar 2019 23:37

Instrument :

BNA_M

ClientSampleId :

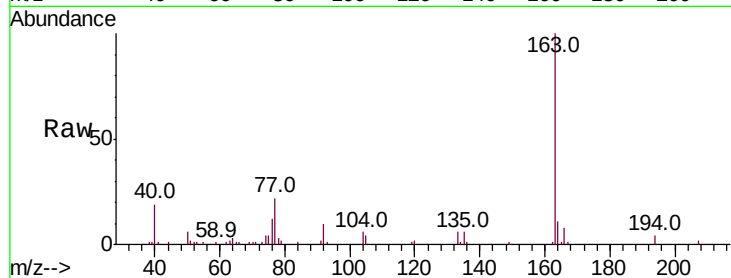
Tot Ion:163 Resp: 80880

Ion Ratio Lower Upper

163 100

194 4.2 4.0 6.0

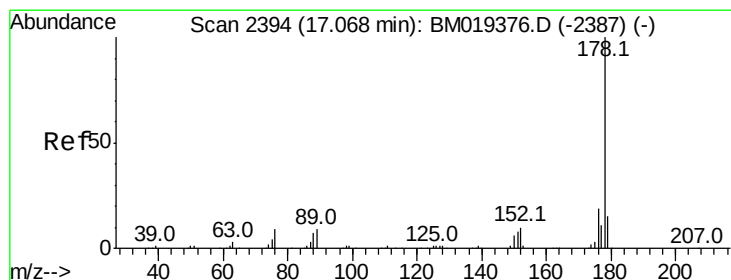
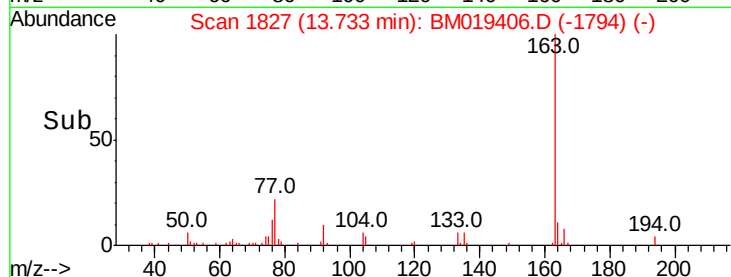
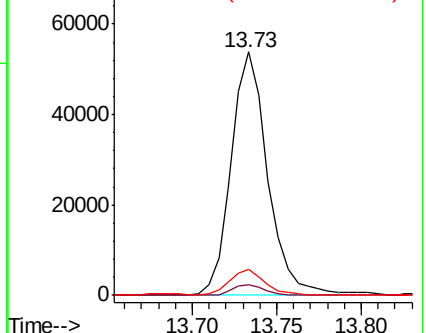
164 10.8 8.4 12.6



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



#70

Phenanthrene

Concen: 3.747 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019406.D

Acq: 24 Mar 2019 23:37

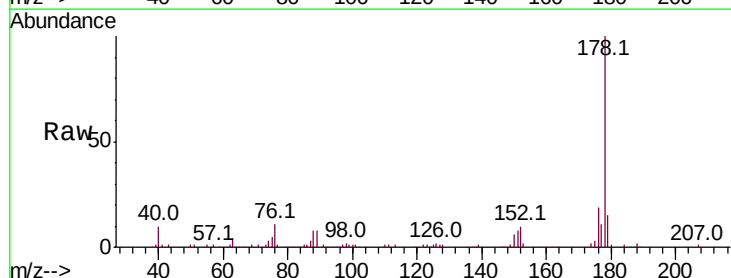
Tgt Ion:178 Resp: 167521

Ion Ratio Lower Upper

178 100

179 14.8 12.3 18.5

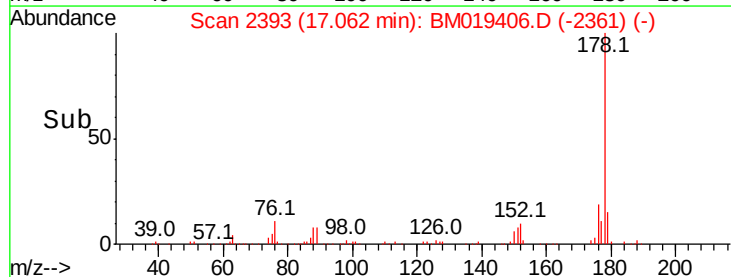
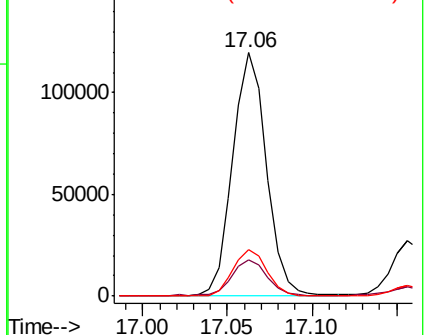
176 18.9 15.4 23.0

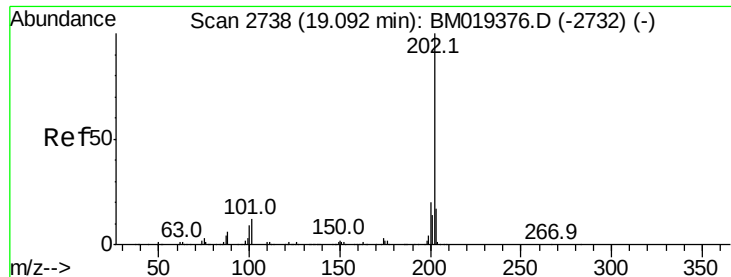


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

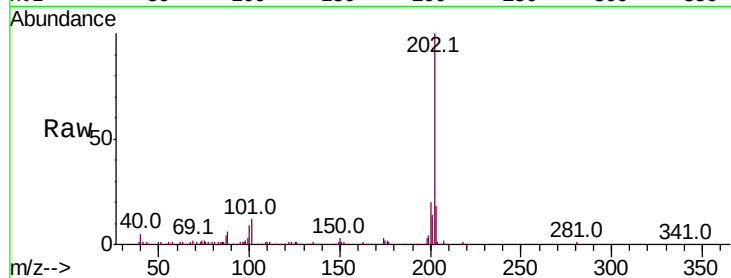




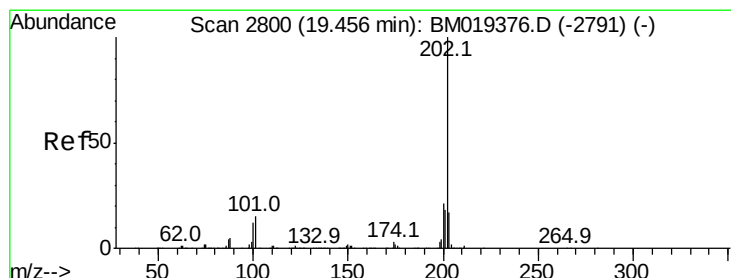
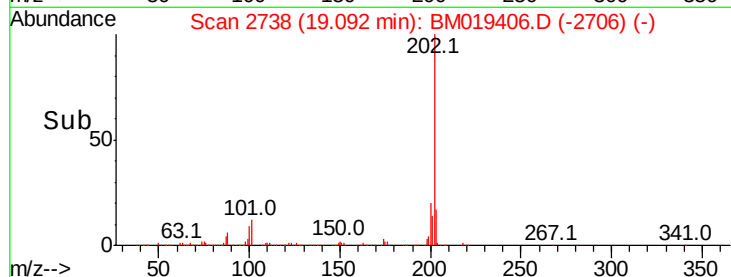
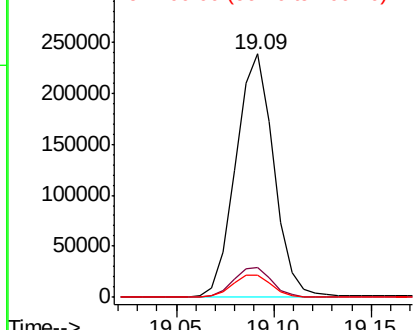
#77
 Fluoranthene
 Concen: 6.299 ng/ul
 RT: 19.09 min Scan# 2738
 Delta R.T. -0.01 min
 Lab File: BM019406.D
 Acq: 24 Mar 2019 23:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	6.1	9.1#
100	9.2	4.6	7.0#

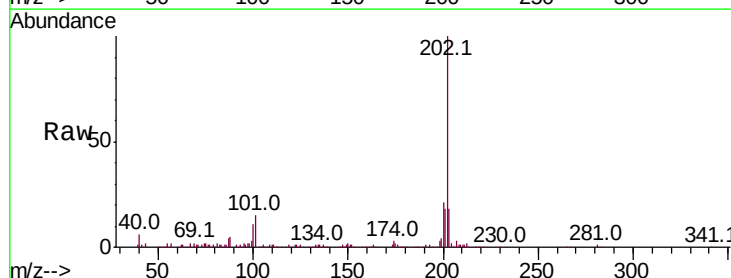


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

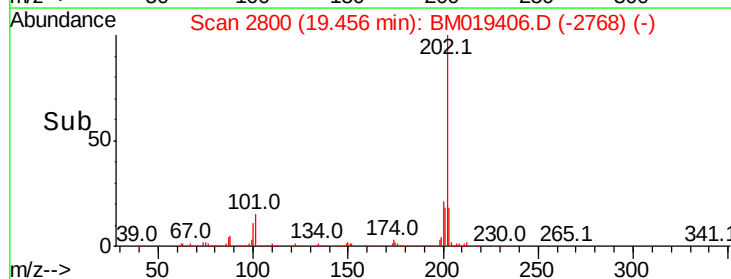
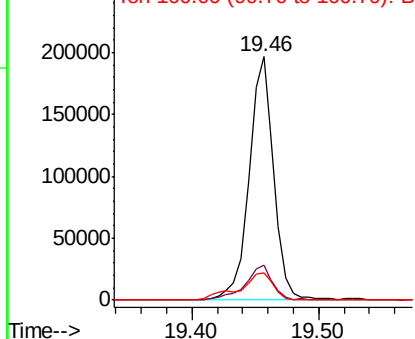


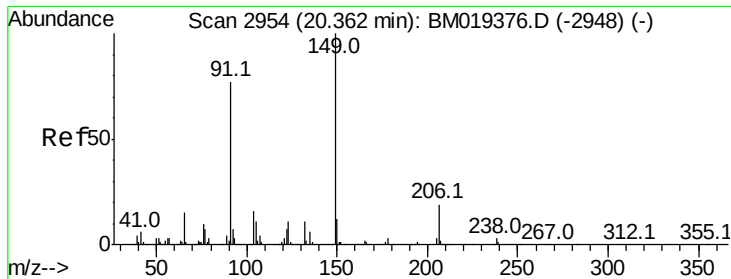
#80
 Pyrene
 Concen: 5.172 ng/ul
 RT: 19.46 min Scan# 2800
 Delta R.T. -0.01 min
 Lab File: BM019406.D
 Acq: 24 Mar 2019 23:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	6.9	10.3#
100	11.2	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): B

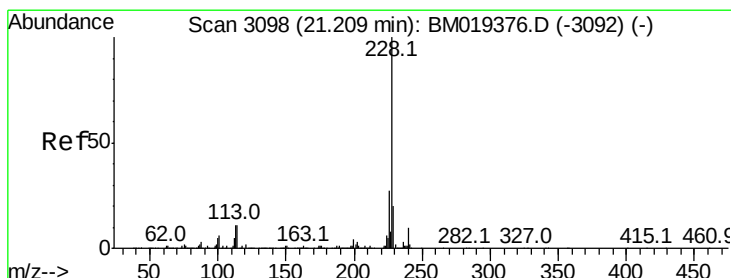
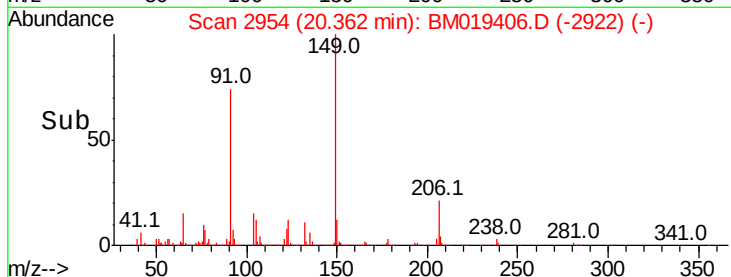
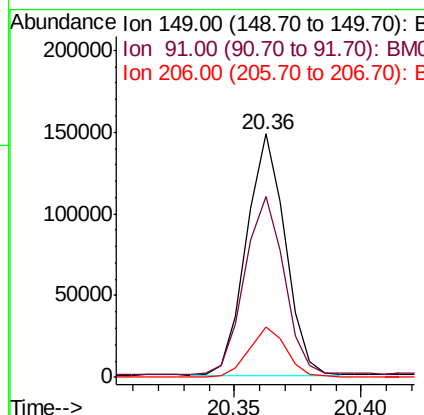
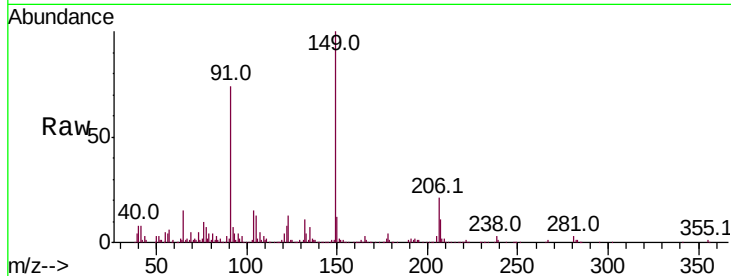




#81
Butylbenzylphthalate
Concen: 7.769 ng/ul
RT: 20.36 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BM019406.D
Acq: 24 Mar 2019 23:37

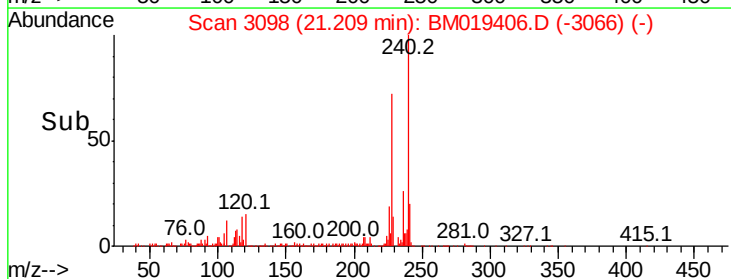
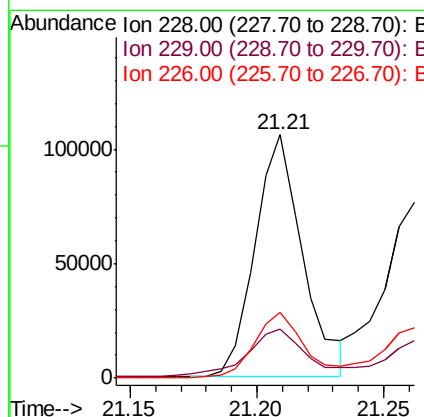
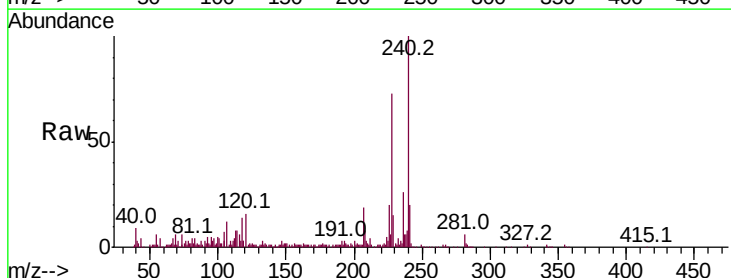
Instrument :
BNA_M
ClientSampleId :

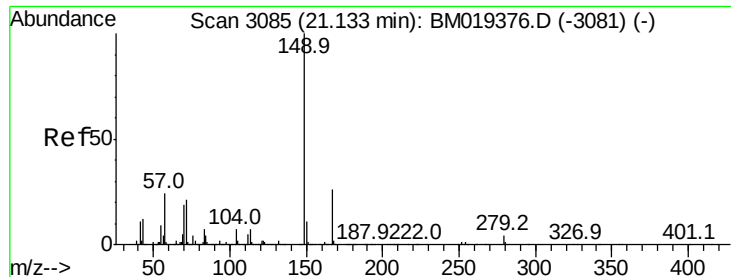
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.4	53.4	80.0
206	20.9	19.3	28.9



#83
Benzo(a)anthracene
Concen: 2.687 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM019406.D
Acq: 24 Mar 2019 23:37

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	27.0	21.8	32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.938 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM019406.D

Acq: 24 Mar 2019 23:37

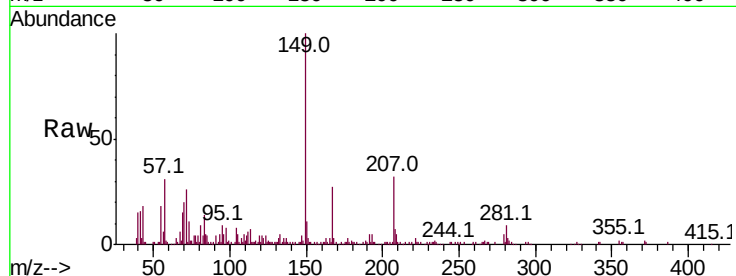
Instrument :

BNA_M

ClientSampled :

Tot Ion:149 Resp: 86511

Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.0	34.6
279	4.9	4.3	6.5

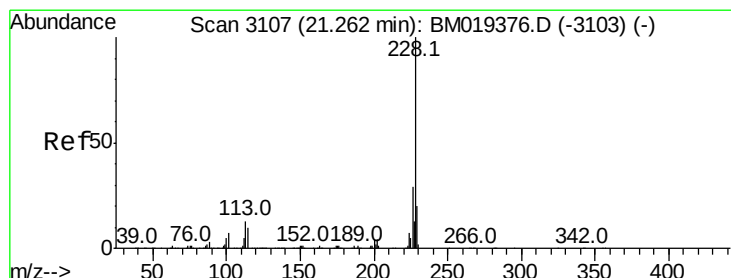
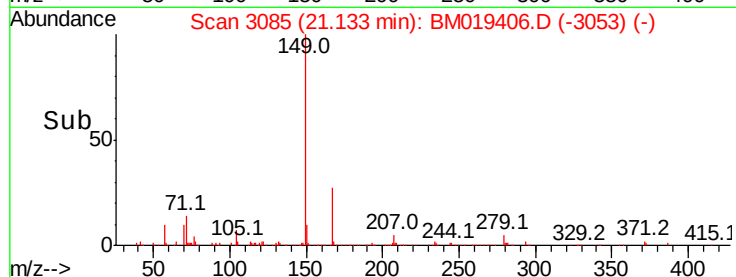
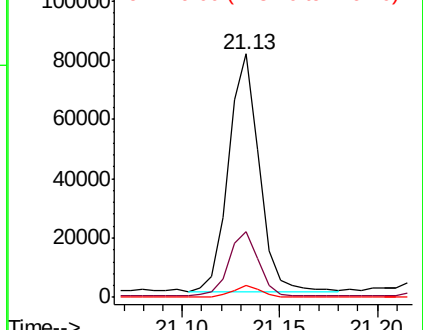


Abundance

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



#85

Chrysene

Concen: 2.257 ng/ul

RT: 21.26 min Scan# 3107

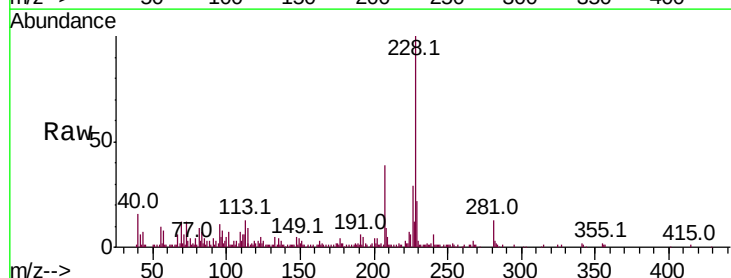
Delta R.T. -0.01 min

Lab File: BM019406.D

Acq: 24 Mar 2019 23:37

Tgt Ion:228 Resp: 111200

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.1	36.1
229	21.6	16.0	24.0

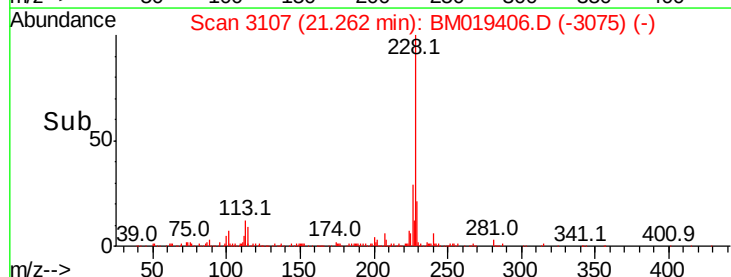
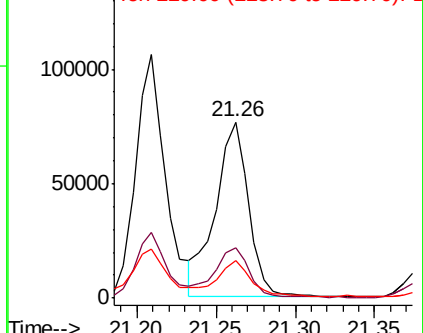


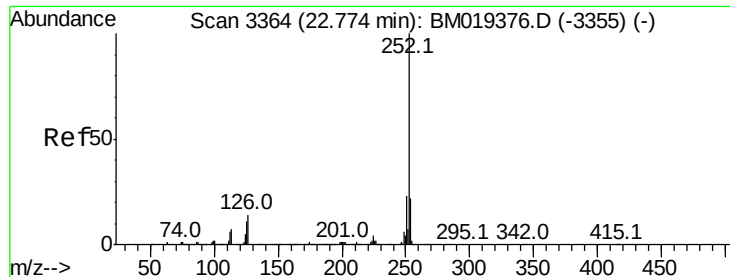
Abundance

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





#88

Benzo(b)fluoranthene

Concen: 2.964 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.02 min

Lab File: BM019406.D

Acq: 24 Mar 2019 23:37

Instrument :

BNA_M

ClientSampleId :

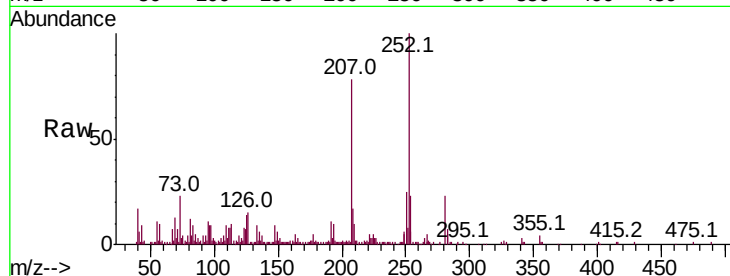
Tot Ion:252 Resp: 168119

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.0

125 13.5 4.9 7.3#

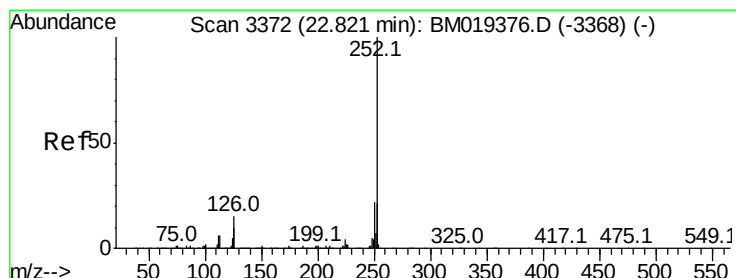
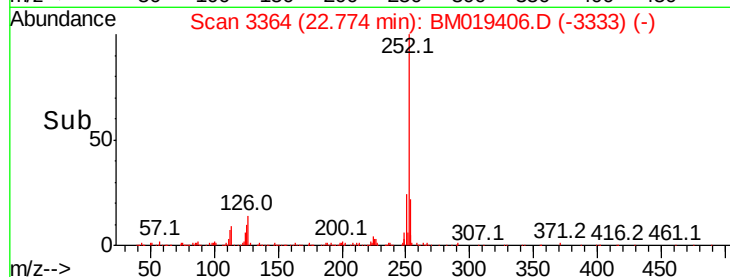
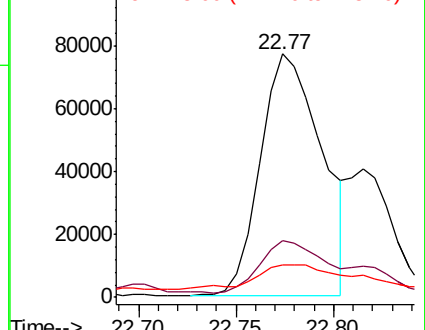


Abundance

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



#89

Benzo(k)fluoranthene

Concen: 3.087 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.06 min

Lab File: BM019406.D

Acq: 24 Mar 2019 23:37

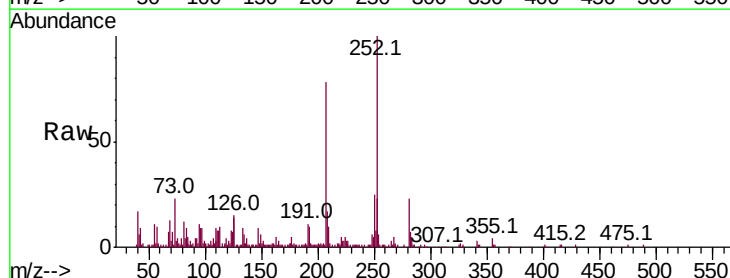
Tgt Ion:252 Resp: 168119

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

125 13.5 5.4 8.0#

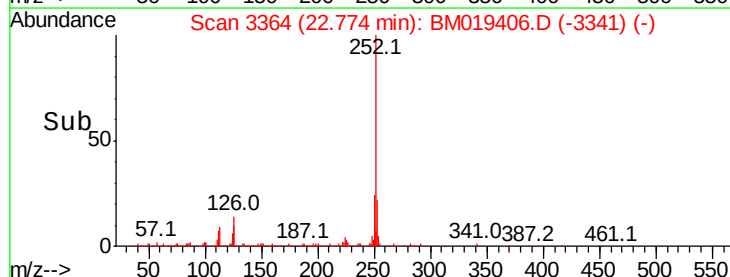
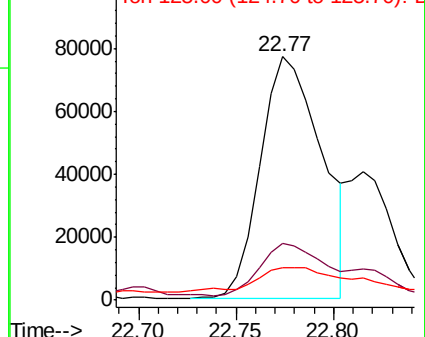


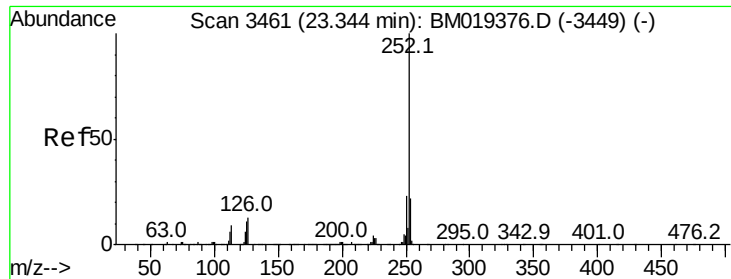
Abundance

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

Benzo(a)pyrene

Concen: 2.071 ng/ul

RT: 23.34 min Scan# 3460

Delta R.T. -0.02 min

Lab File: BM019406.D

Acq: 24 Mar 2019 23:37

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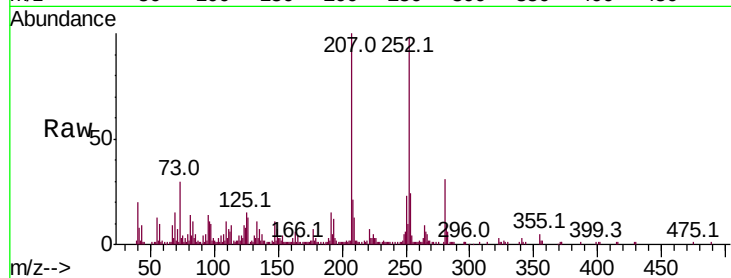
Tot Ion:252 Resp: 112299

Ion Ratio Lower Upper

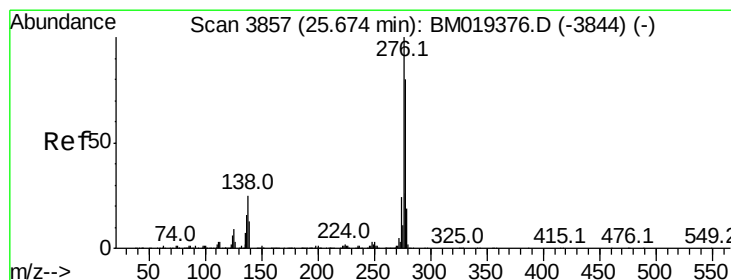
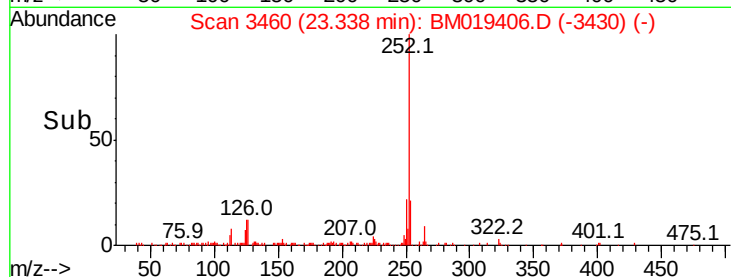
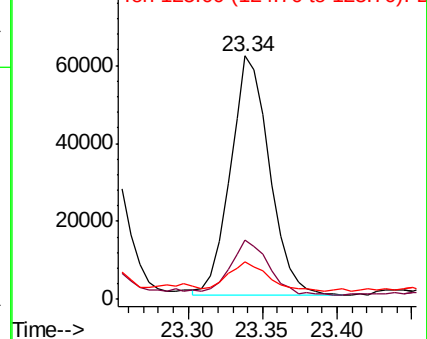
252 100

253 24.5 17.2 25.8

125 15.5 5.8 8.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.207 ng/ul

RT: 25.67 min Scan# 3856

Delta R.T. -0.04 min

Lab File: BM019406.D

Acq: 24 Mar 2019 23:37

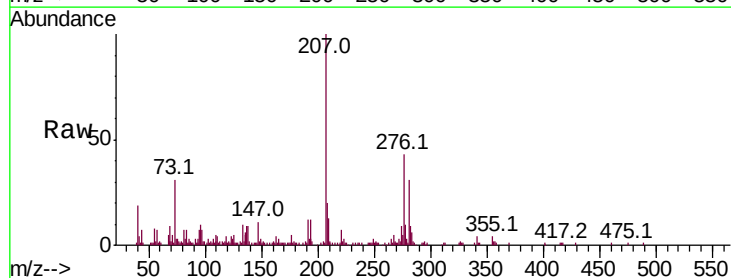
Tgt Ion:276 Resp: 81940

Ion Ratio Lower Upper

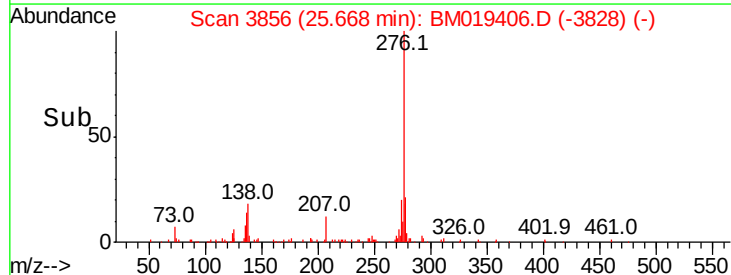
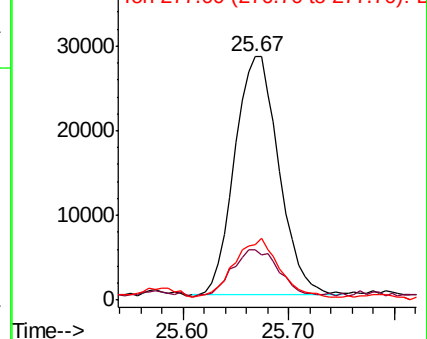
276 100

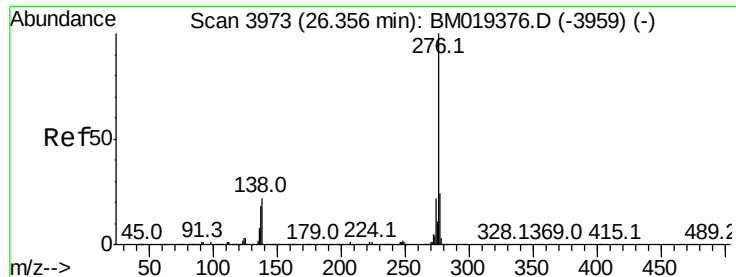
138 20.4 10.9 16.3#

277 23.0 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





#94

Benzo(a,h,i)perylene

Concen: 1.245 ng/ul

RT: 26.36 min Scan# 3974

Delta R.T. -0.02 min

Lab File: BM019406.D

Acq: 24 Mar 2019 23:37

Instrument :

BNA_M

ClientSampleId :

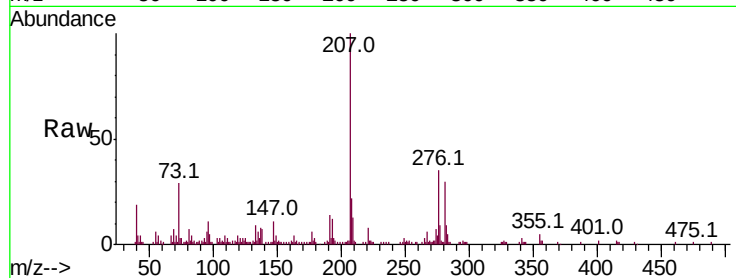
Tot Ion:276 Resp: 70626

Ion Ratio Lower Upper

276 100

138 21.3 11.2 16.8#

277 24.8 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

