

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102418\
 Data File : BM017325.D
 Acq On : 24 Oct 2018 19:52
 Operator : MJ/SJ
 Sample : J5598-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 25 01:28:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 25 01:24:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	282800	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1278290	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	772905	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1847044	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2271732	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2535849	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	18224	2.97	ng/uL	0.00
5) Phenol-d5	6.83	99	398529	15.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	240595	15.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	320607	16.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	321510	15.74	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	158107	15.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	177179	15.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	310204	14.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	360091	21.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1121657	16.92	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1304645	16.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	156051	12.60	ng/ul	0.00
58) Fluorene-d10	15.29	176	963006	16.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	161490	12.55	ng/ul	0.00
71) Anthracene-d10	17.14	188	1595733	17.45	ng/ul	0.00
79) Pyrene-d10	19.45	212	1919259	18.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2464689	18.40	ng/ul	0.00

Target Compounds

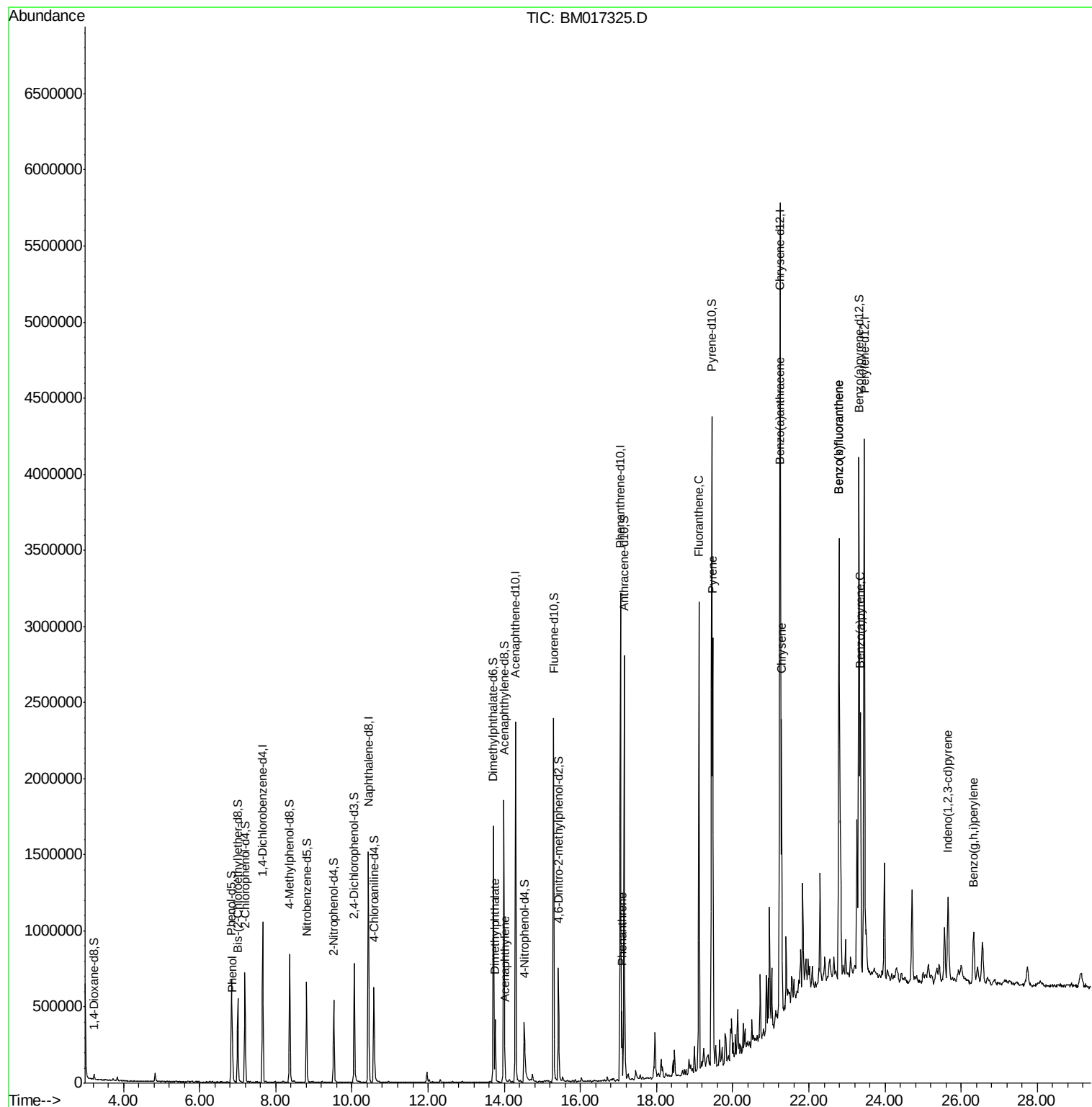
					Ovalue
6) Phenol	6.86	94	113720	4.433	ng/ul 98
45) Dimethylphthalate	13.76	163	258775	4.030	ng/ul 98
48) Acenaphthylene	14.02	152	81019	1.073	ng/ul 98
70) Phenanthrene	17.09	178	263228	2.482	ng/ul 99
77) Fluoranthene	19.11	202	1853759	15.248	ng/ul 98
80) Pyrene	19.47	202	1672631	12.679	ng/ul 98
83) Benzo(a)anthracene	21.23	228	766291	5.512	ng/ul 97
85) Chrysene	21.28	228	1177713	8.909	ng/ul 98
88) Benzo(b)fluoranthene	22.79	252	1713756	11.545	ng/ul 98
89) Benzo(k)fluoranthene	22.79	252	1713756	11.819	ng/ul 99
91) Benzo(a)pyrene	23.36	252	689815	4.757	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.66	276	544166	3.084	ng/ul 95
94) Benzo(g,h,i)perylene	26.33	276	391021	2.609	ng/ul 99

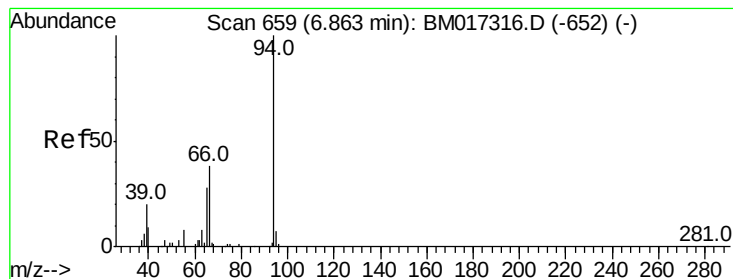
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 01:24:17 2018
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#6

Phenol

Concen: 4.433 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM017325.D

Acq: 24 Oct 2018 19:52

Instrument :

BNA_M

ClientSampleId :

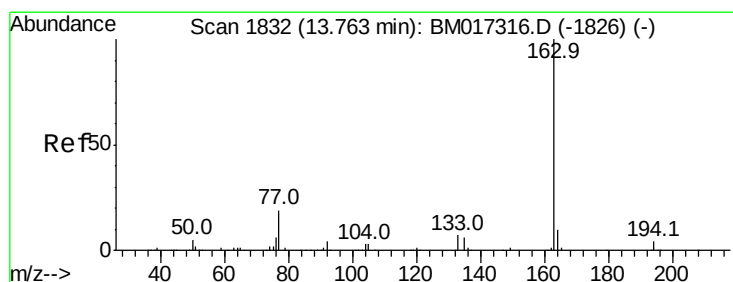
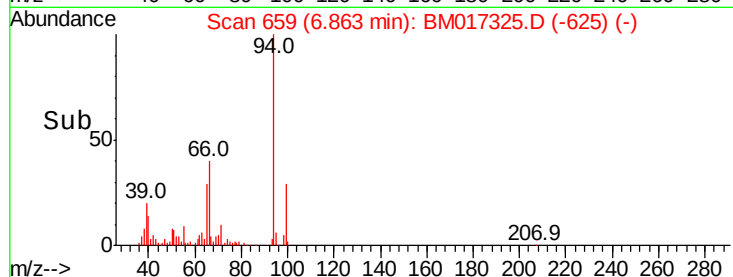
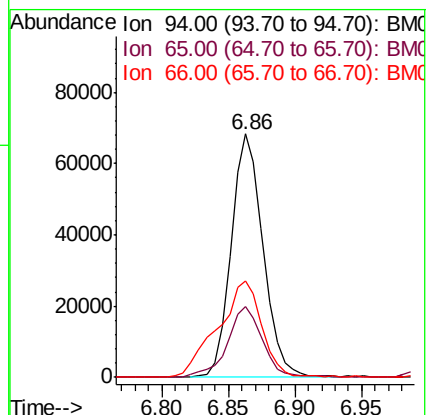
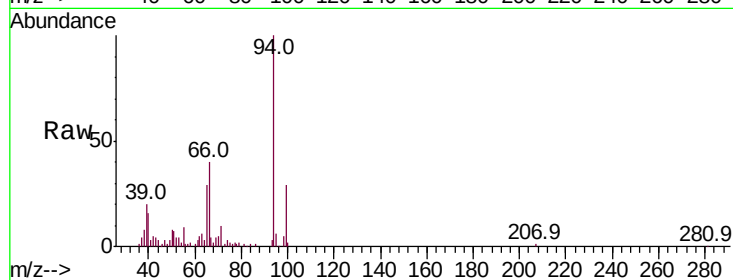
Tot Ion: 94 Resp: 113720

Ion Ratio Lower Upper

94 100

65 29.0 24.0 36.0

66 39.8 31.1 46.7



#45

Dimethylphthalate

Concen: 4.030 ng/ul

RT: 13.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BM017325.D

Acq: 24 Oct 2018 19:52

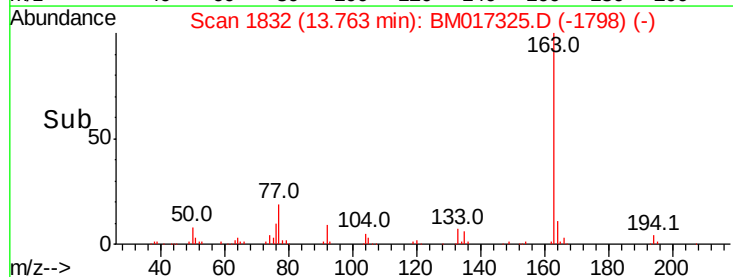
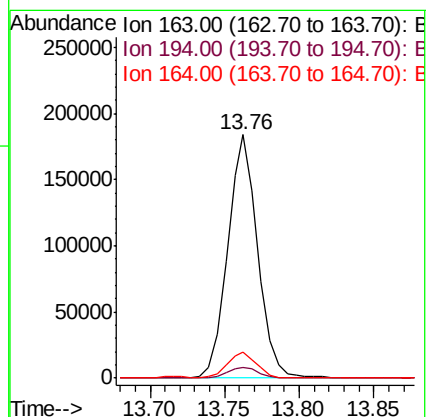
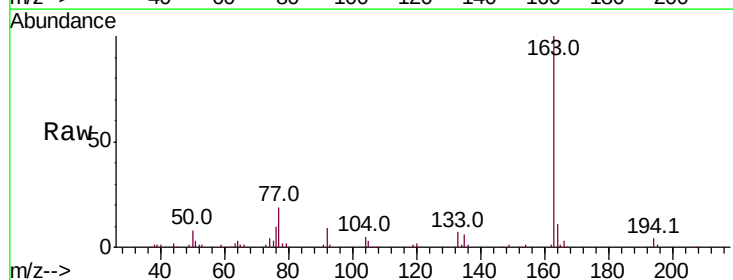
Tgt Ion: 163 Resp: 258775

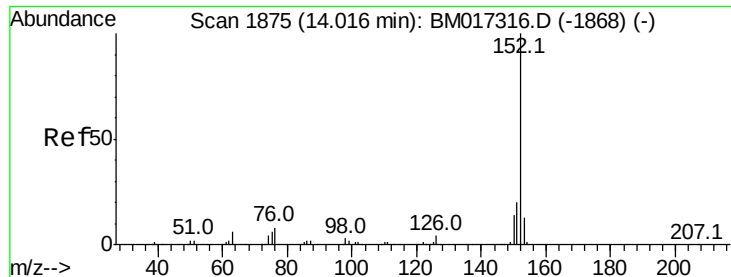
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.9 8.1 12.1





#48

Acenaphthylene

Concen: 1.073 ng/ul

RT: 14.02 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BM017325.D

Acq: 24 Oct 2018 19:52

Instrument :

BNA_M

ClientSampleId :

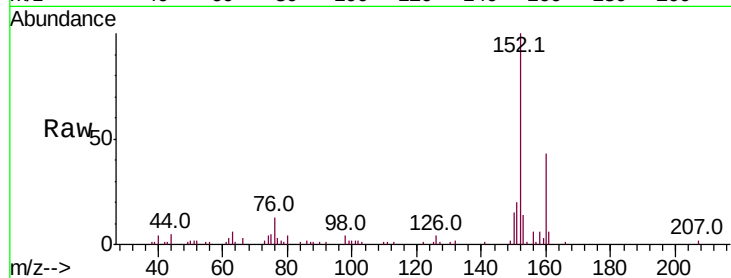
Tot Ion:152 Resp: 81019

Ion Ratio Lower Upper

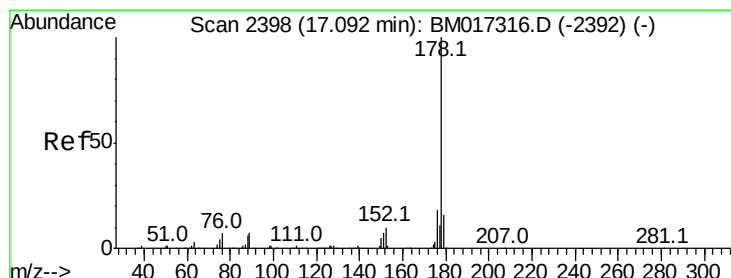
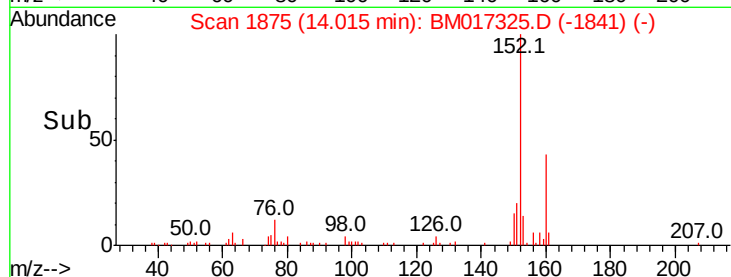
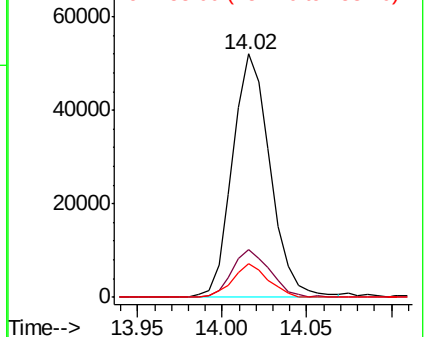
152 100

151 19.7 15.3 22.9

153 13.7 10.2 15.4



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



#70

Phenanthrene

Concen: 2.482 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BM017325.D

Acq: 24 Oct 2018 19:52

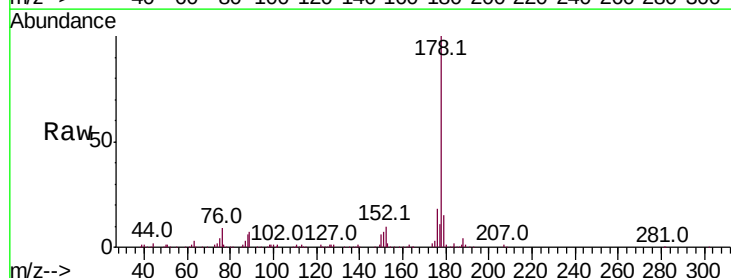
Tgt Ion:178 Resp: 263228

Ion Ratio Lower Upper

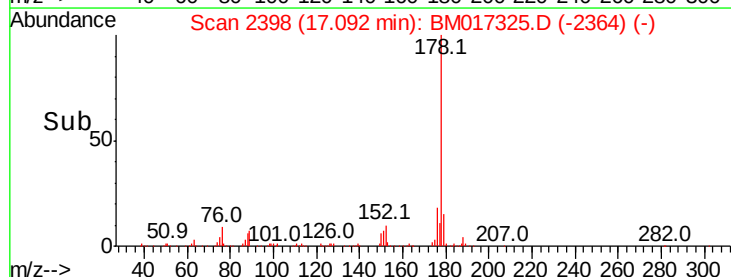
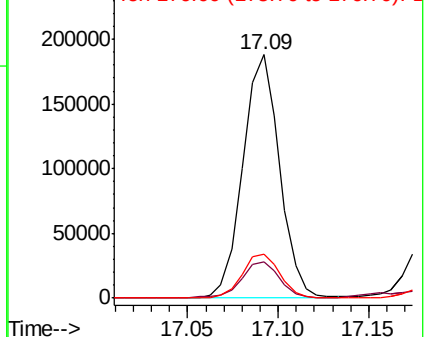
178 100

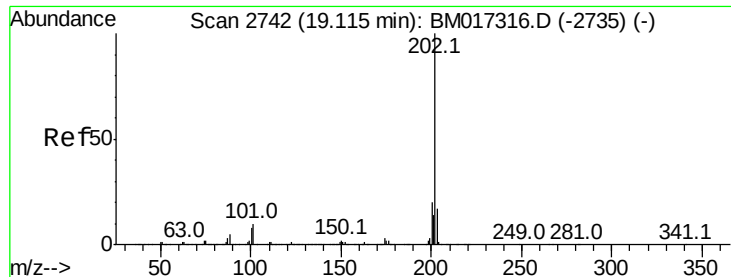
179 14.9 12.2 18.2

176 17.9 14.9 22.3



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

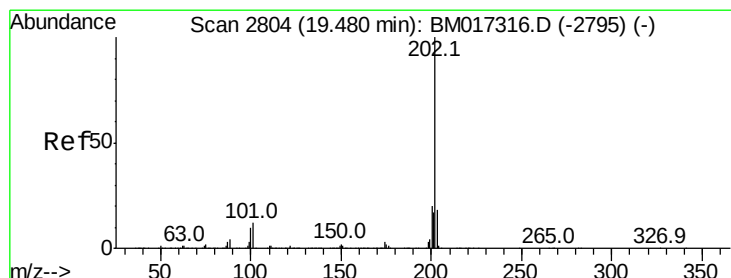
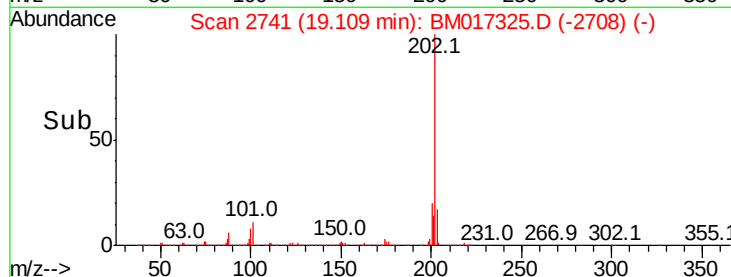
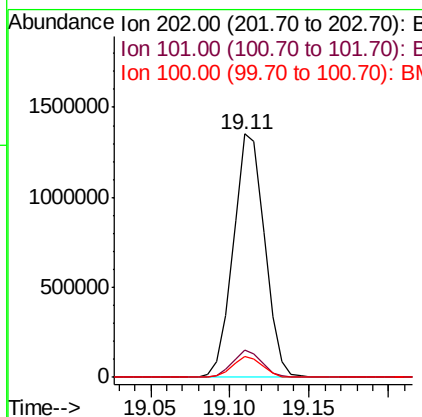
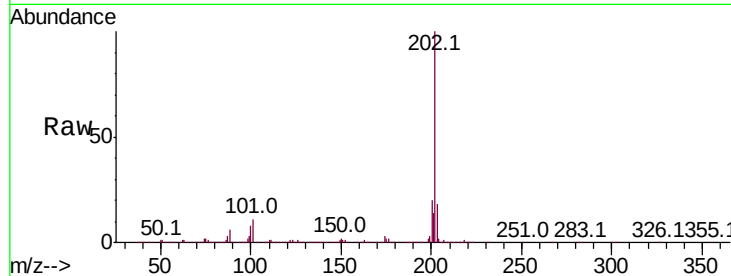




#77
 Fluoranthene
 Concen: 15.248 ng/ul
 RT: 19.11 min Scan# 2741
 Delta R.T. -0.01 min
 Lab File: BM017325.D
 Acq: 24 Oct 2018 19:52

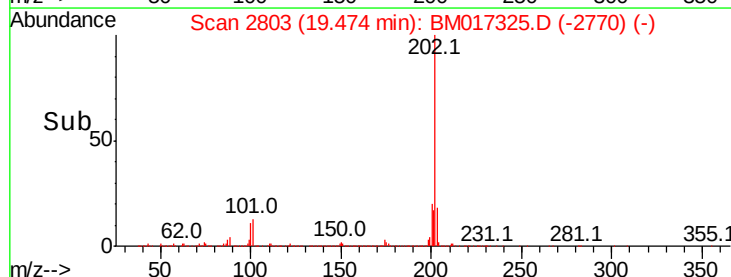
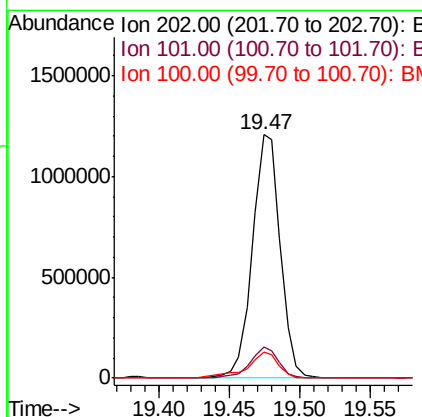
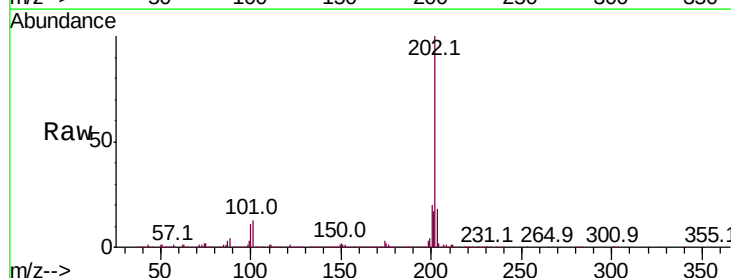
Instrument :
 BNA_M
 ClientSampleId :

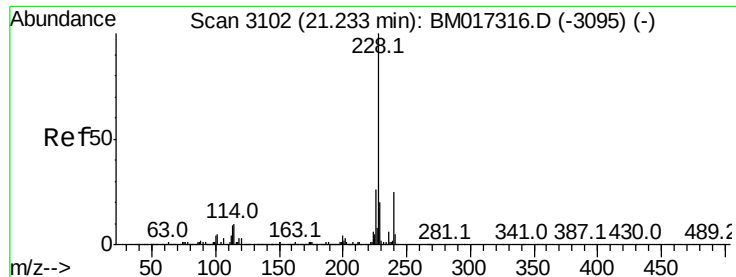
Tot Ion:202 Resp: 1853759
 Ion Ratio Lower Upper
 202 100
 101 11.2 8.2 12.4
 100 8.5 6.3 9.5



#80
 Pyrene
 Concen: 12.679 ng/ul
 RT: 19.47 min Scan# 2803
 Delta R.T. -0.01 min
 Lab File: BM017325.D
 Acq: 24 Oct 2018 19:52

Tgt Ion:202 Resp: 1672631
 Ion Ratio Lower Upper
 202 100
 101 12.9 9.5 14.3
 100 10.8 8.1 12.1

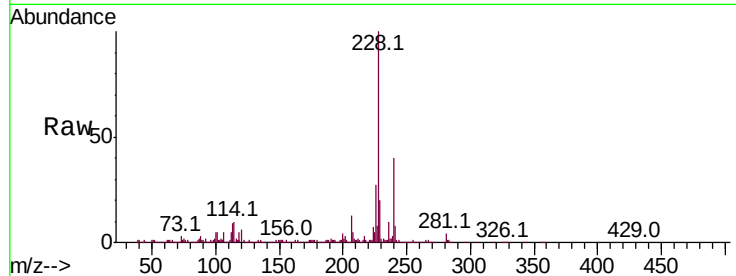




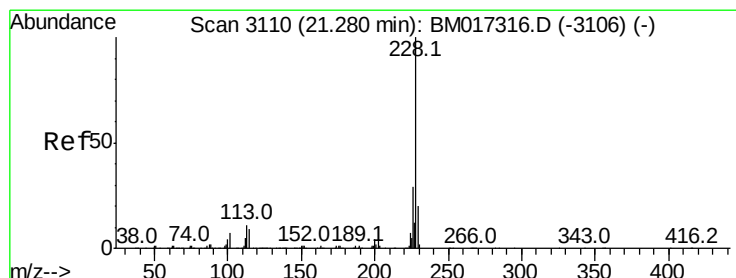
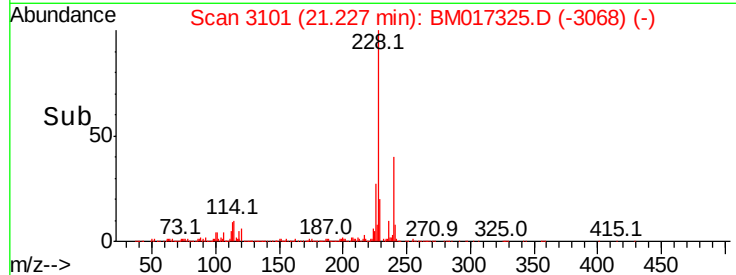
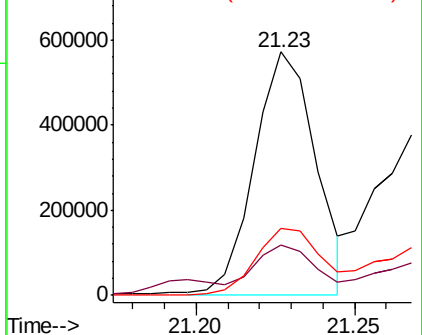
#83
Benzo(a)anthracene
Concen: 5.512 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM017325.D
Acq: 24 Oct 2018 19:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:228 Resp: 766291
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 27.4 20.8 31.2

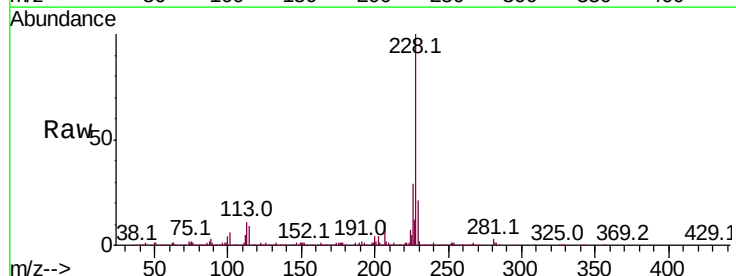


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

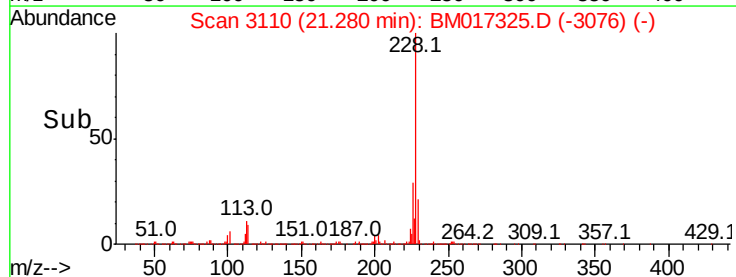
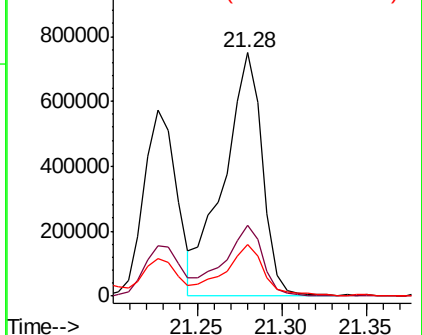


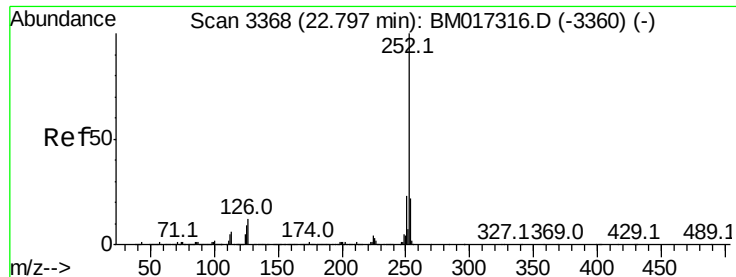
#85
Chrysene
Concen: 8.909 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM017325.D
Acq: 24 Oct 2018 19:52

Tgt Ion:228 Resp: 1177713
Ion Ratio Lower Upper
228 100
226 29.3 23.3 34.9
229 21.4 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





#88

Benzo(b)fluoranthene

Concen: 11.545 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BM017325.D

Acq: 24 Oct 2018 19:52

Instrument :

BNA_M

ClientSampled :

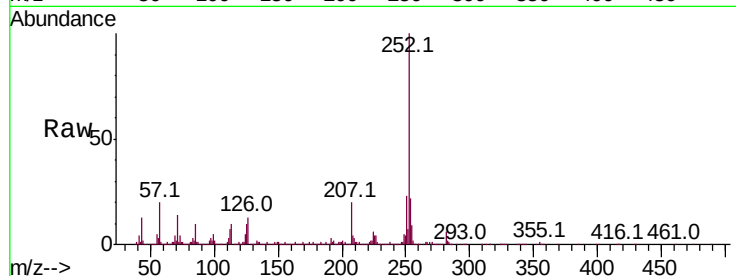
Tot Ion:252 Resp: 1713756

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

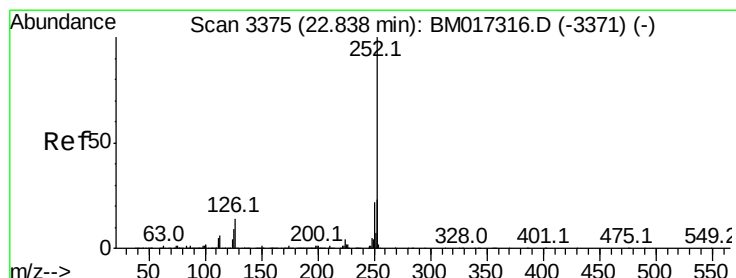
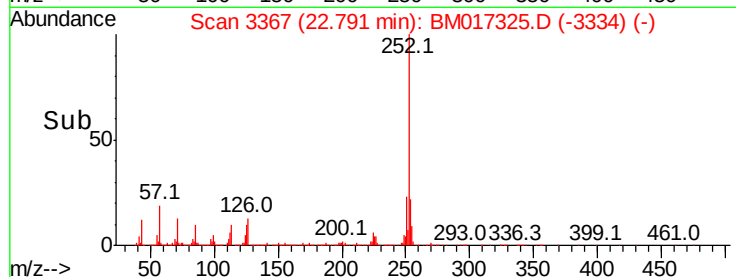
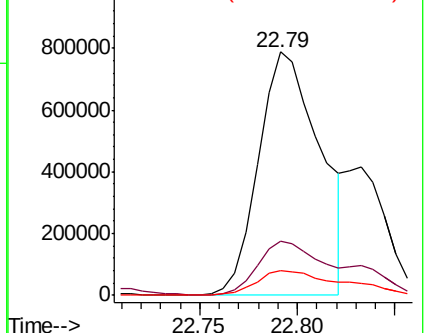
125 10.4 7.2 10.8



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: 11.819 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. -0.05 min

Lab File: BM017325.D

Acq: 24 Oct 2018 19:52

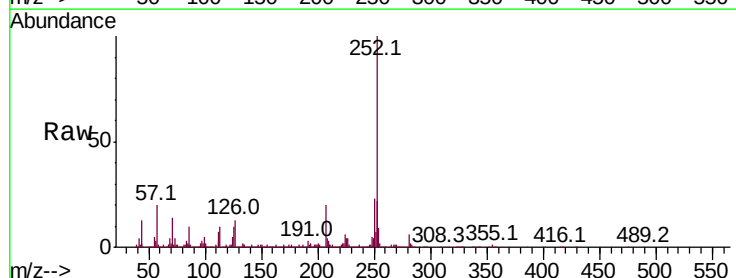
Tgt Ion:252 Resp: 1713756

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

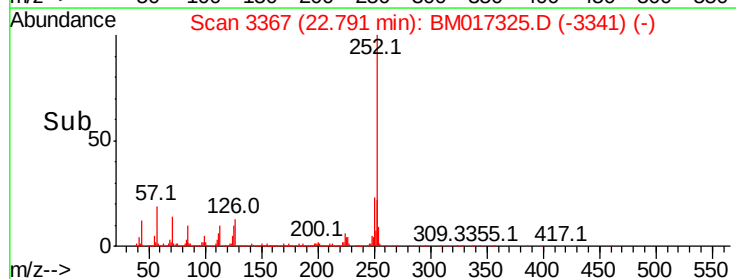
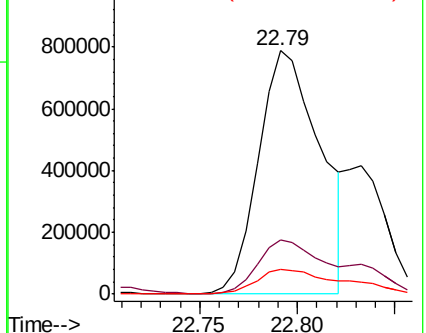
125 10.4 7.8 11.6

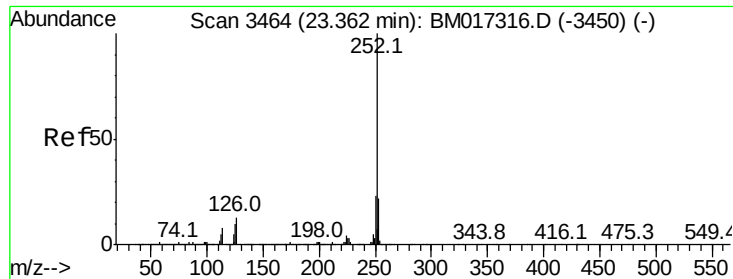


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 4.757 ng/ul

RT: 23.36 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM017325.D

Acq: 24 Oct 2018 19:52

Instrument :

BNA_M

ClientSampled :

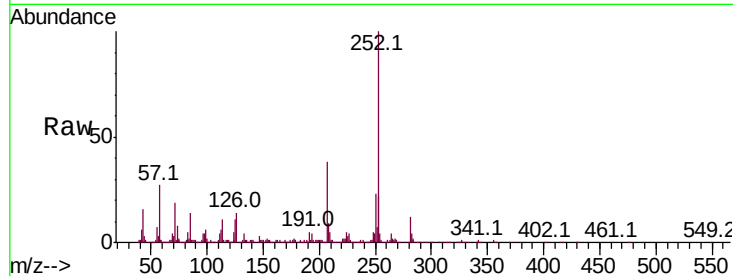
Tot Ion:252 Resp: 689815

Ion Ratio Lower Upper

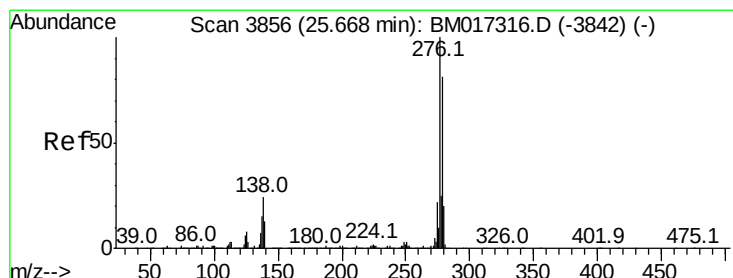
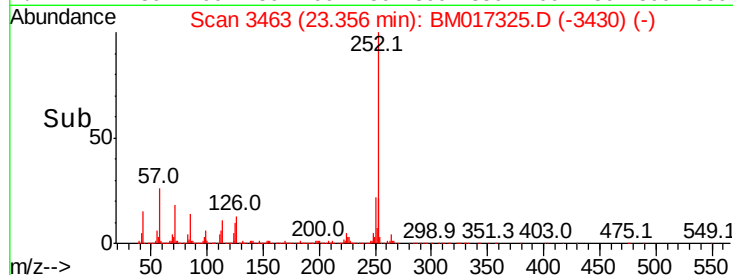
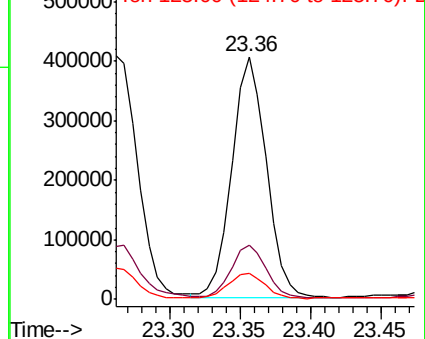
252 100

253 22.5 17.6 26.4

125 10.7 8.3 12.5



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: 3.084 ng/ul

RT: 25.66 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BM017325.D

Acq: 24 Oct 2018 19:52

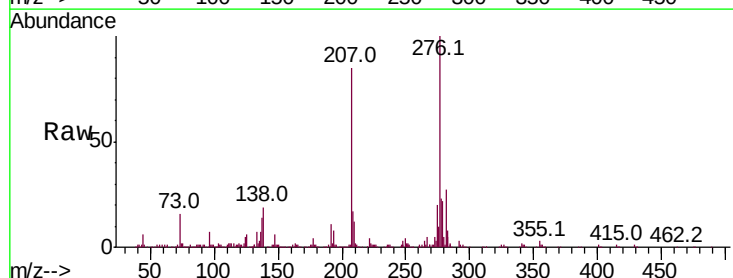
Tgt Ion:276 Resp: 544166

Ion Ratio Lower Upper

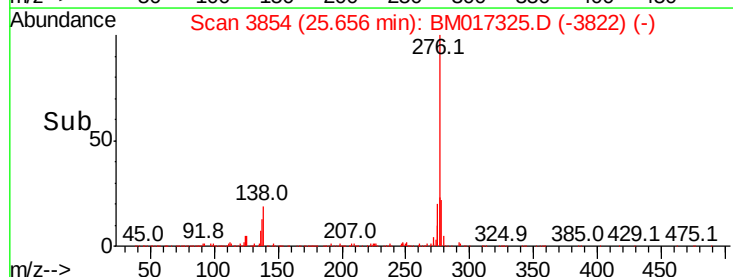
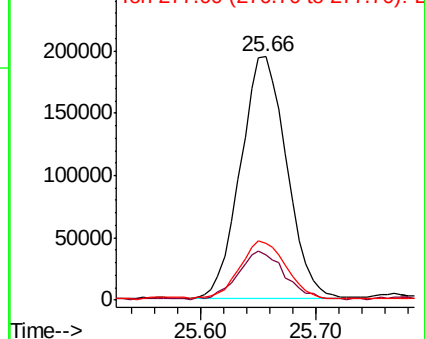
276 100

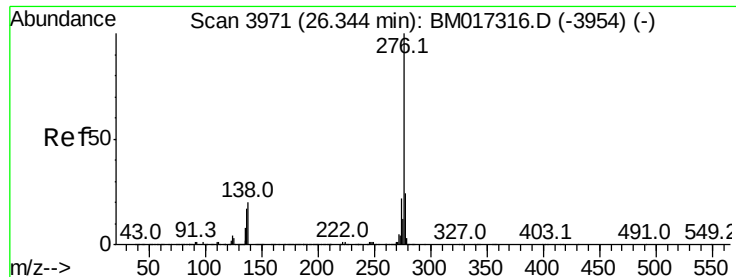
138 18.8 18.1 27.1

277 23.3 19.6 29.4



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: 2.609 ng/ul

RT: 26.33 min Scan# 3968

Delta R.T. -0.02 min

Lab File: BM017325.D

Acq: 24 Oct 2018 19:52

Instrument :

BNA_M

ClientSampleId :

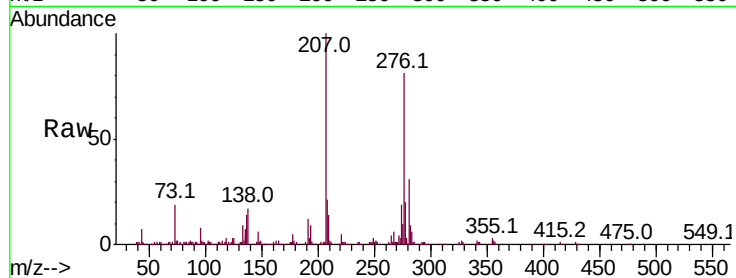
Tot Ion:276 Resp: 391021

Ion Ratio Lower Upper

276 100

138 21.1 16.6 25.0

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

