

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
 Data File : BM013373.D
 Acq On : 13 Dec 2017 14:49
 Operator : SJ/JU
 Sample : I6776-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 13 15:45:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 04:59:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	147777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	634173	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	400208	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1031884	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1399302	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1294871	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	9774	3.28	ng/uL	0.00
5) Phenol-d5	6.86	99	187674	14.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	111727	15.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	157161	15.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	154780	14.17	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	83528	16.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	86076	15.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	168435	15.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	132902	13.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	578796	16.25	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	717397	16.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	75552	12.21	ng/ul	0.00
57) Fluorene-d10	15.32	176	531967	17.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	67762	10.44	ng/ul	0.00
70) Anthracene-d10	17.17	188	886270	17.15	ng/ul	0.00
76) Pyrene-d10	19.47	212	1120576	16.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1126152	17.07	ng/ul	0.00

Target Compounds

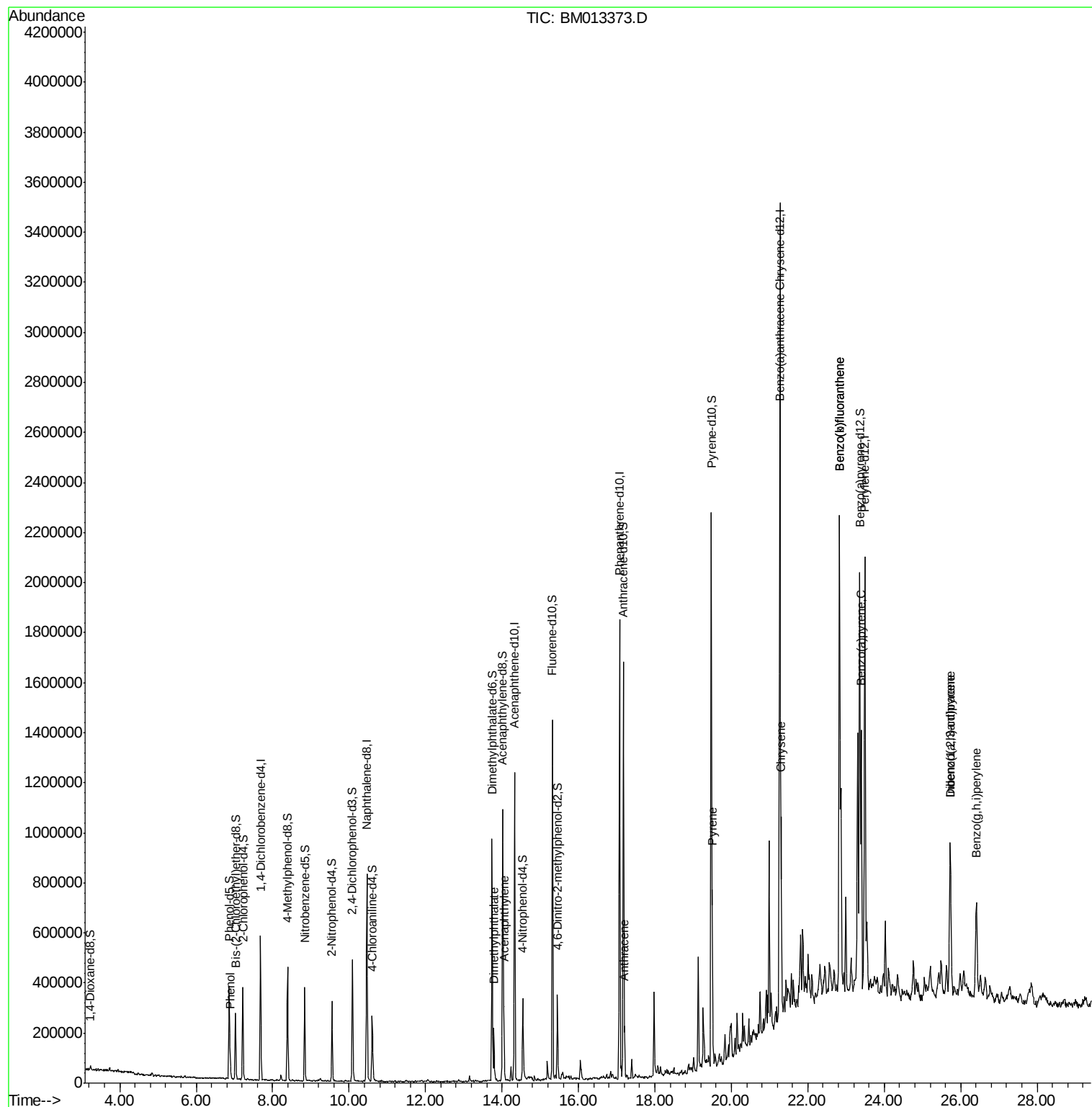
					Ovalue	
6) Phenol	6.89	94	34889	2.760	ng/ul#	81
44) Dimethylphthalate	13.79	163	112026	3.289	ng/ul	99
47) Acenaphthylene	14.04	152	195351	4.803	ng/ul#	97
71) Anthracene	17.21	178	125204	2.089	ng/ul	97
77) Pyrene	19.50	202	404439	4.757	ng/ul#	94
80) Benzo(a)anthracene	21.25	228	440828	4.965	ng/ul	94
82) Chrysene	21.30	228	568856	6.906	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	1421069	16.280	ng/ul#	97
86) Benzo(k)fluoranthene	22.83	252	1421069	17.300	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	697099	8.890	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.73	276	601472	7.731	ng/ul	97
90) Dibenzo(a,h)anthracene	25.73	278	157337	2.375	ng/ul#	93
91) Benzo(g,h,i)perylene	26.41	276	484252	7.891	ng/ul#	96

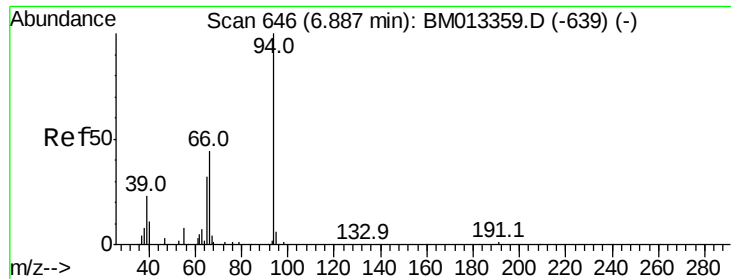
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 04:59:25 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.760 ng/ul

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM013373.D

Acq: 13 Dec 2017 14:49

Instrument :

BNA_M

ClientSampled :

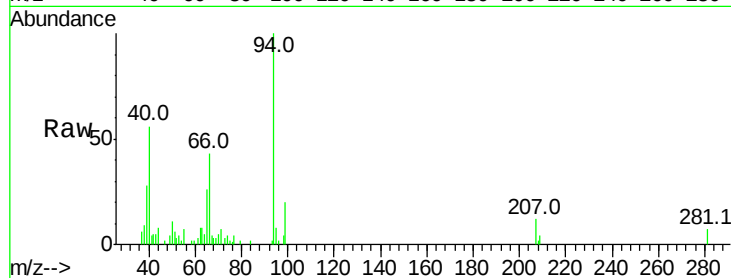
Tot Ion: 94 Resp: 34889

Ion Ratio Lower Upper

94 100

65 25.9 28.2 42.4#

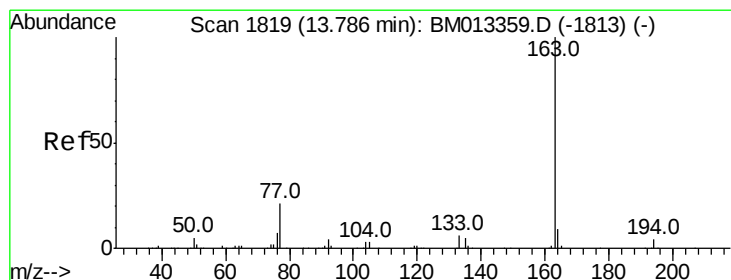
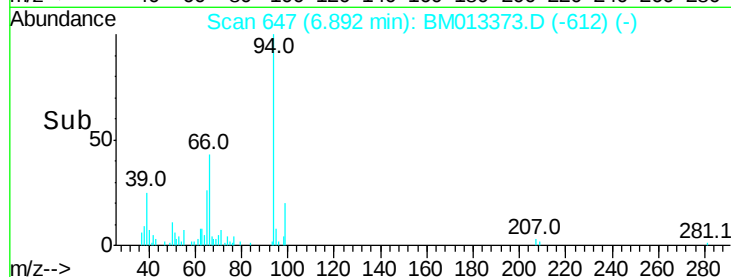
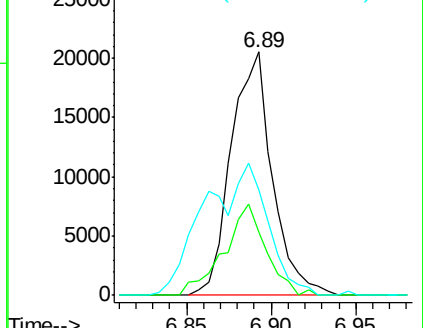
66 43.4 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013359.D (-639) (-)

Ion 65.00 (64.70 to 65.70): BM013359.D (-639) (-)

Ion 66.00 (65.70 to 66.70): BM013359.D (-639) (-)



#44

Dimethylphthalate

Concen: 3.289 ng/ul

RT: 13.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BM013373.D

Acq: 13 Dec 2017 14:49

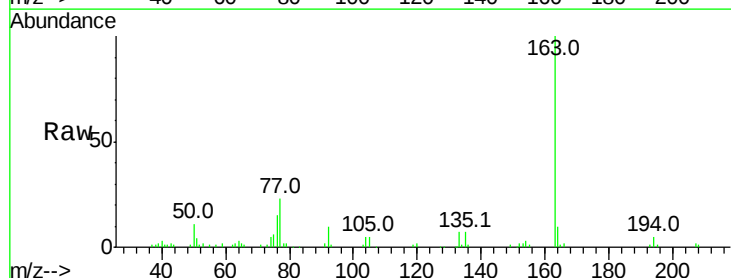
Tgt Ion:163 Resp: 112026

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

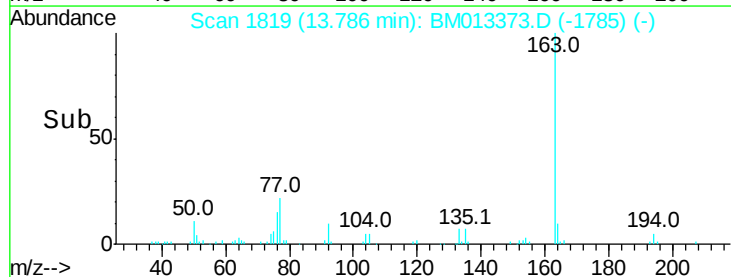
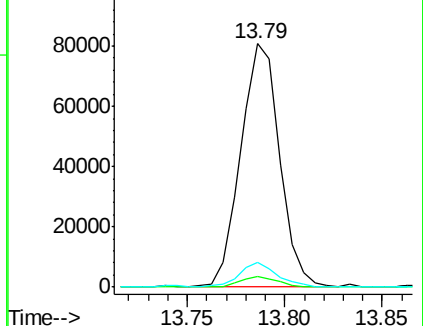
164 10.0 8.2 12.4

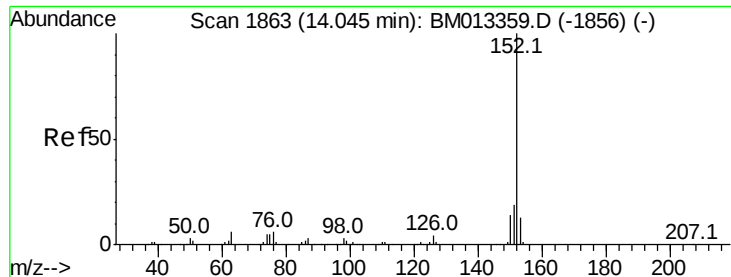


Abundance Ion 163.00 (162.70 to 163.70): BM013359.D (-1813) (-)

Ion 194.00 (193.70 to 194.70): BM013359.D (-1813) (-)

Ion 164.00 (163.70 to 164.70): BM013359.D (-1813) (-)





#47

Acenaphthylene

Concen: 4.803 ng/ul

RT: 14.04 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BM013373.D

Acq: 13 Dec 2017 14:49

Instrument :

BNA_M

ClientSampleId :

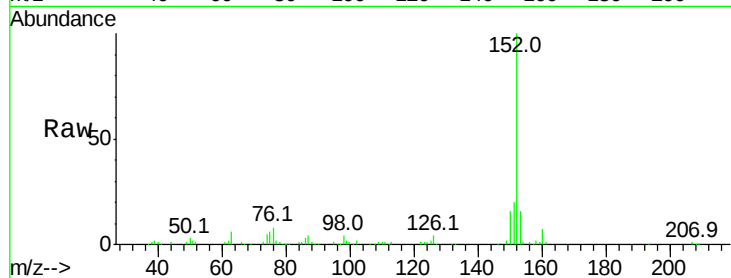
Tot Ion:152 Resp: 195351

Ion Ratio Lower Upper

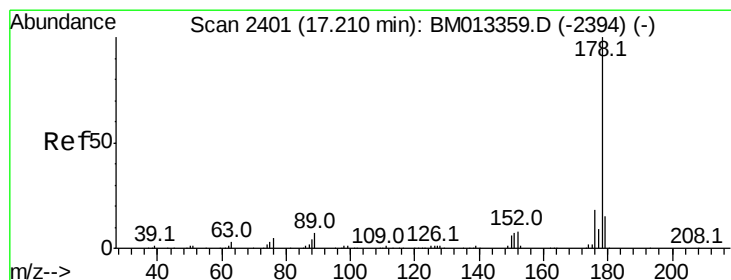
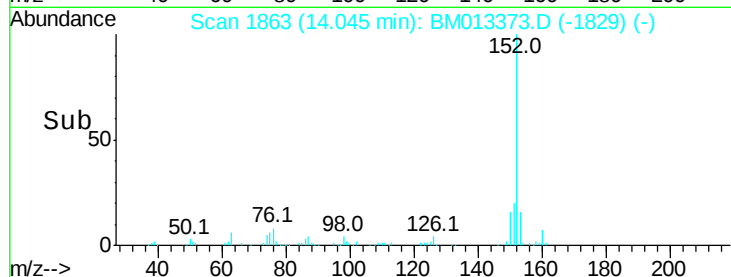
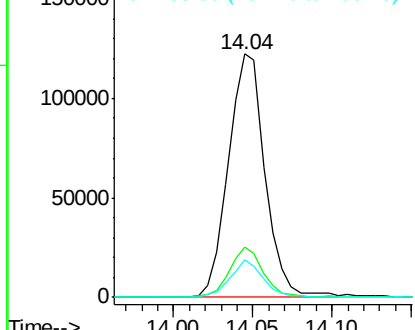
152 100

151 20.5 16.3 24.5

153 15.5 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



#71

Anthracene

Concen: 2.089 ng/ul

RT: 17.21 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BM013373.D

Acq: 13 Dec 2017 14:49

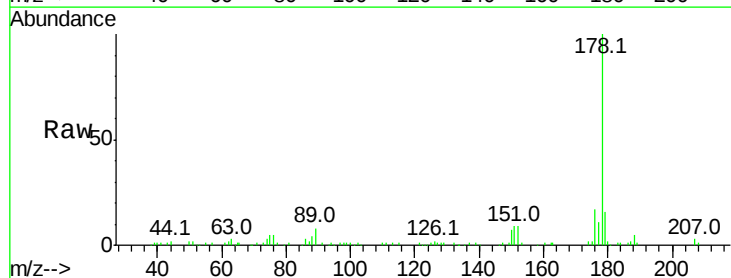
Tgt Ion:178 Resp: 125204

Ion Ratio Lower Upper

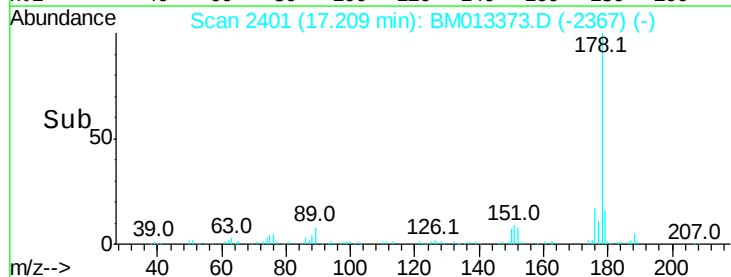
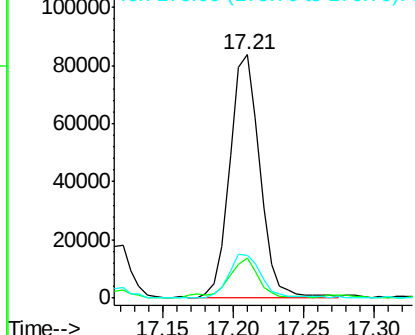
178 100

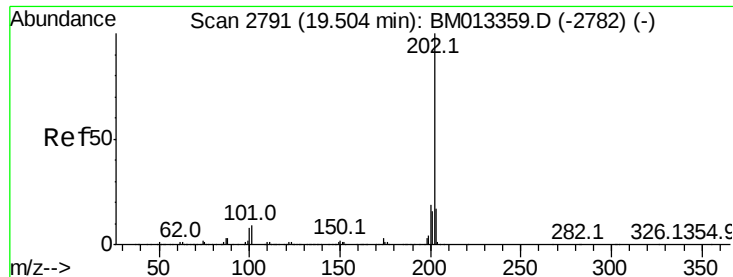
179 16.3 11.7 17.5

176 17.3 14.6 21.8



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

Pvrene

Concen: 4.757 ng/ul

RT: 19.50 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM013373.D

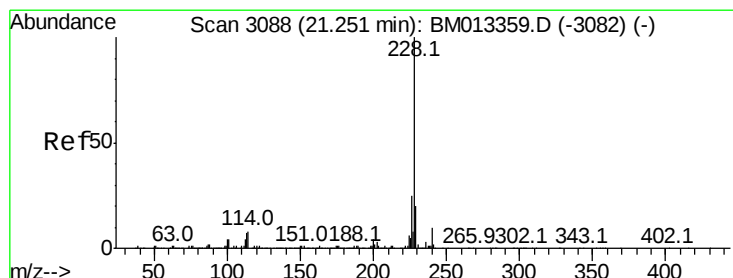
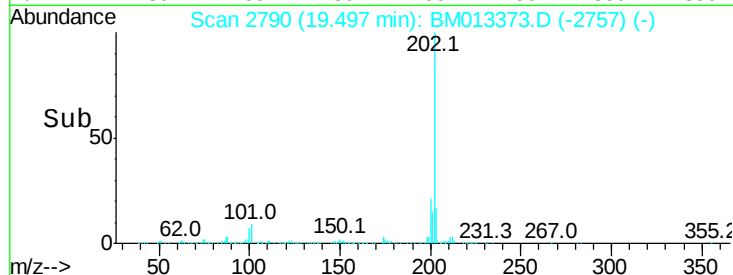
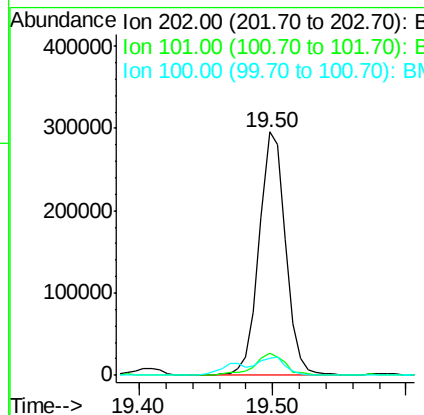
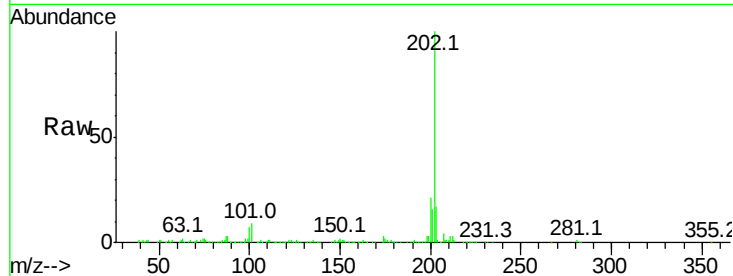
Acq: 13 Dec 2017 14:49

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	404439
Ion Ratio	Lower	Upper	
202	100		
101	9.0	5.1	7.7#
100	7.3	4.9	7.3



#80

Benzo(a)anthracene

Concen: 4.965 ng/ul

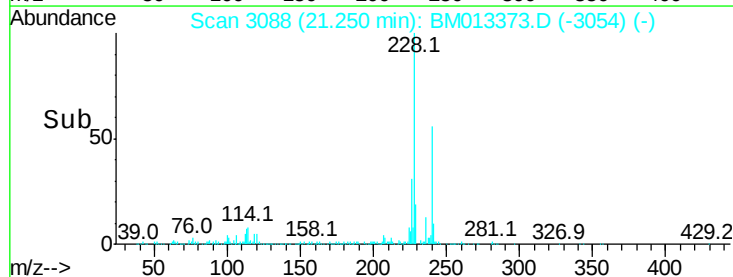
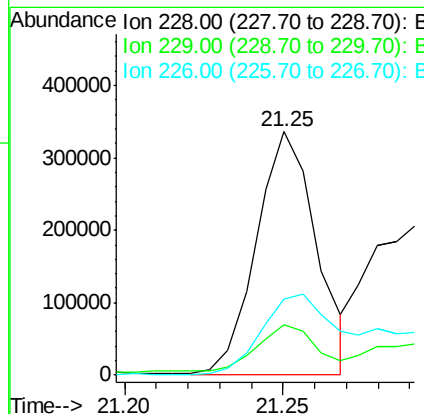
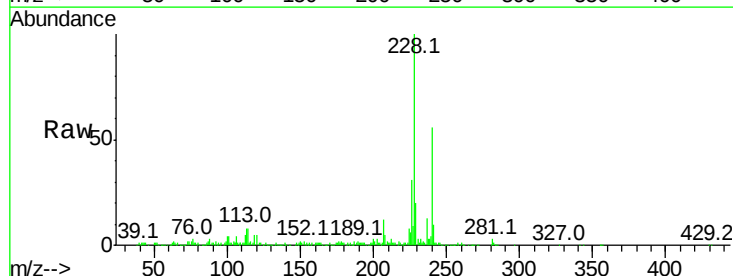
RT: 21.25 min Scan# 3088

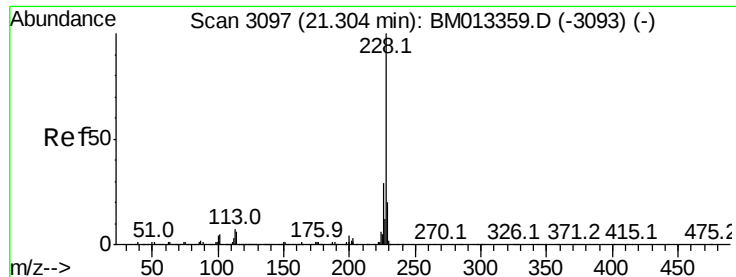
Delta R.T. -0.00 min

Lab File: BM013373.D

Acq: 13 Dec 2017 14:49

Tgt Ion:	228	Resp:	440828
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.4	23.0
226	31.3	21.4	32.0





#82

Chrysene

Concen: 6.906 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM013373.D

Acq: 13 Dec 2017 14:49

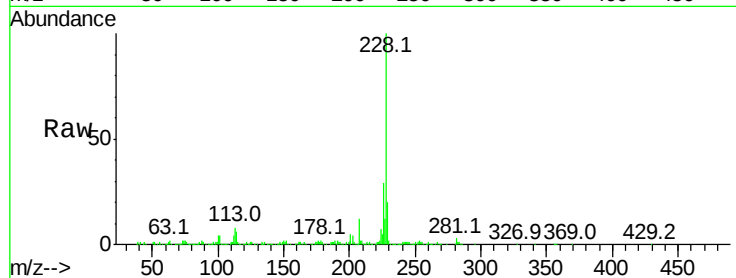
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 568856

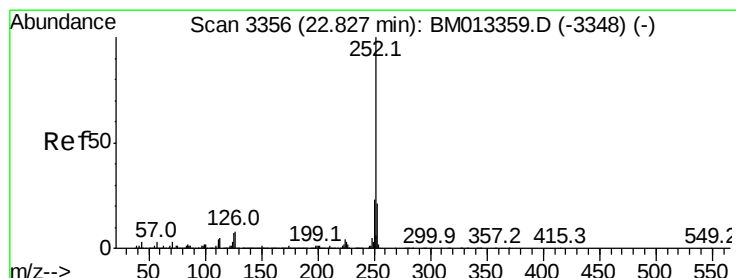
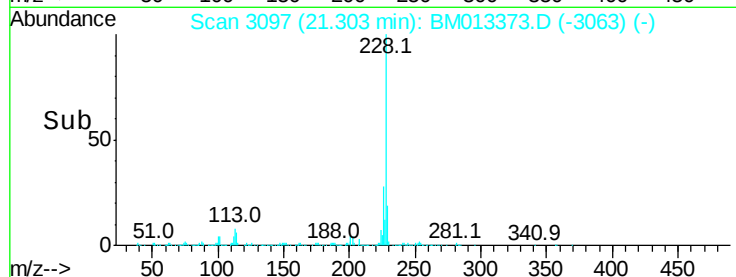
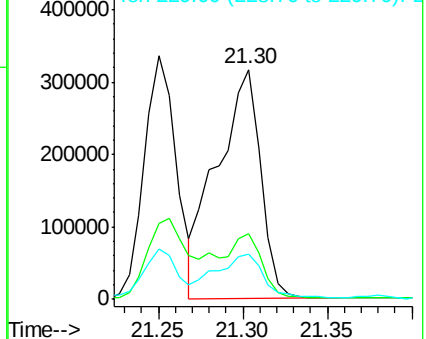
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	19.8	15.5	23.3



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



#85

Benzo(b)fluoranthene

Concen: 16.280 ng/ul

RT: 22.83 min Scan# 3356

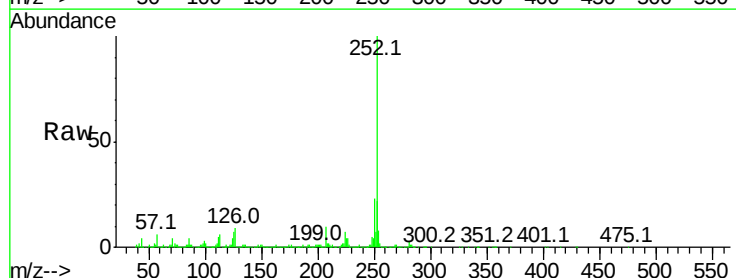
Delta R.T. -0.00 min

Lab File: BM013373.D

Acq: 13 Dec 2017 14:49

Tgt Ion:252 Resp: 1421069

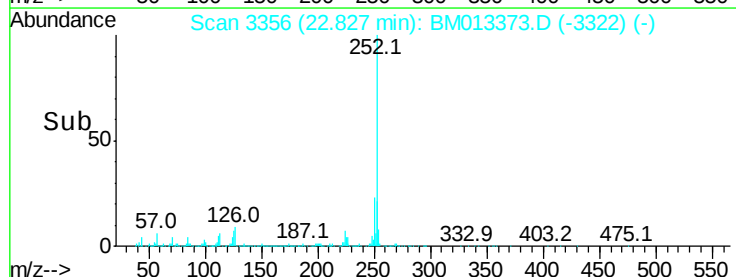
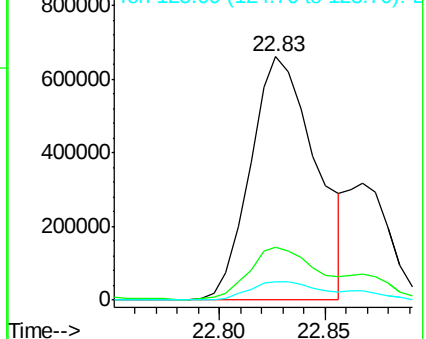
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	7.3	3.6	5.4

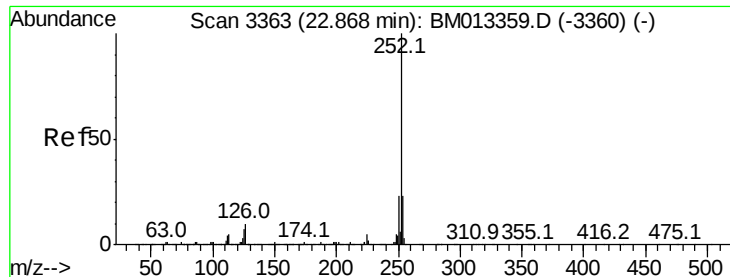


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 17.300 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.04 min

Lab File: BM013373.D

Acq: 13 Dec 2017 14:49

Instrument :

BNA_M

ClientSampleId :

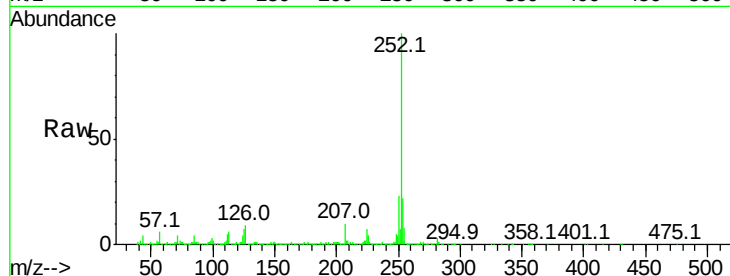
Tot Ion:252 Resp: 1421069

Ion Ratio Lower Upper

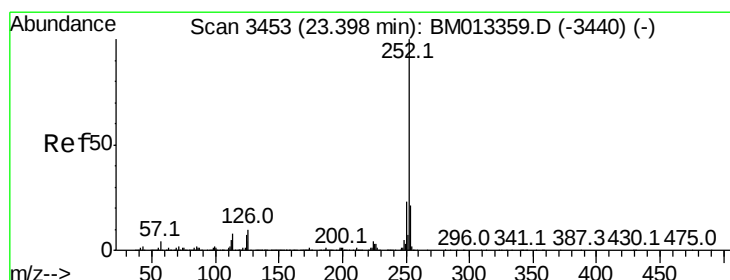
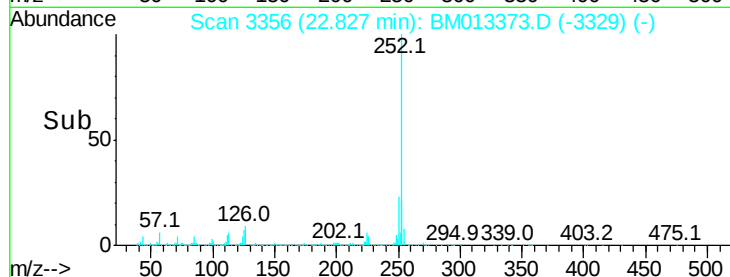
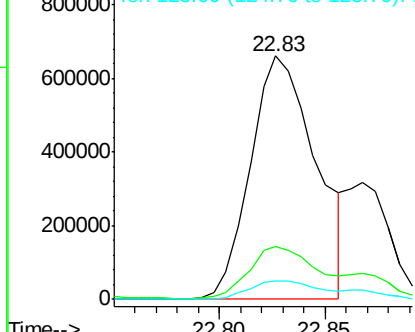
252 100

253 21.7 17.1 25.7

125 7.3 3.4 5.2#



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



#88

Benzo(a)pyrene

Concen: 8.890 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. -0.00 min

Lab File: BM013373.D

Acq: 13 Dec 2017 14:49

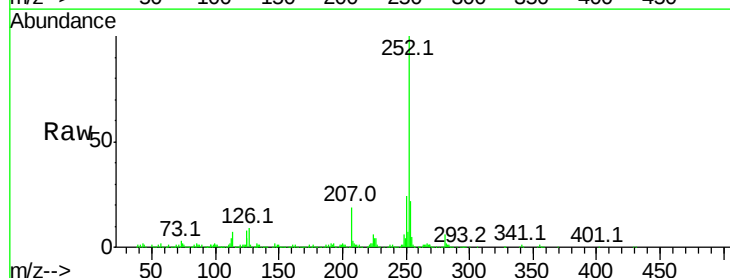
Tgt Ion:252 Resp: 697099

Ion Ratio Lower Upper

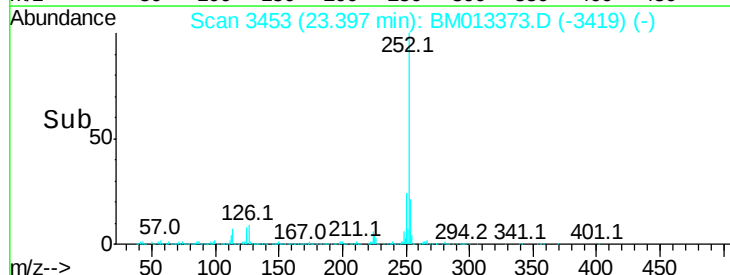
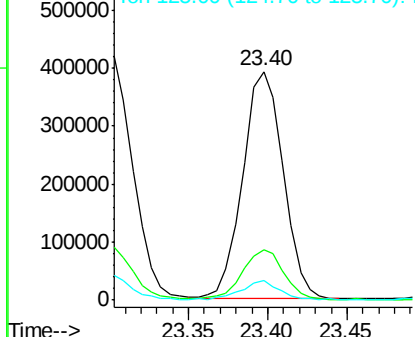
252 100

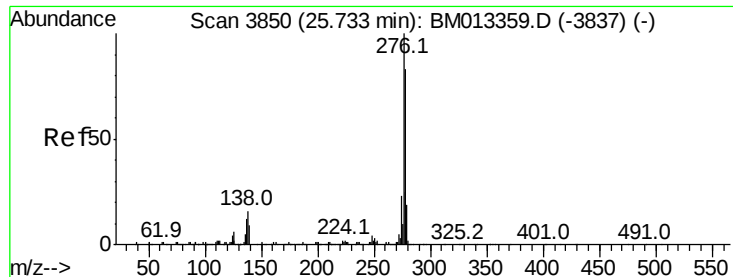
253 21.9 18.2 27.2

125 8.3 4.0 6.0#



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



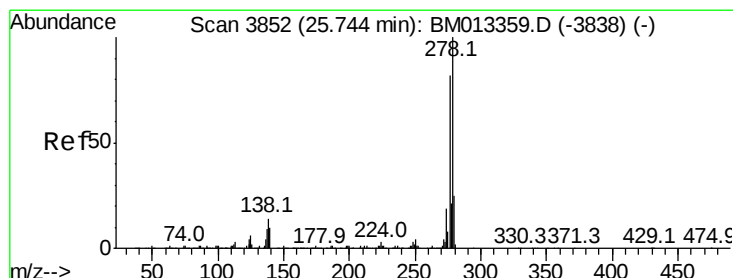
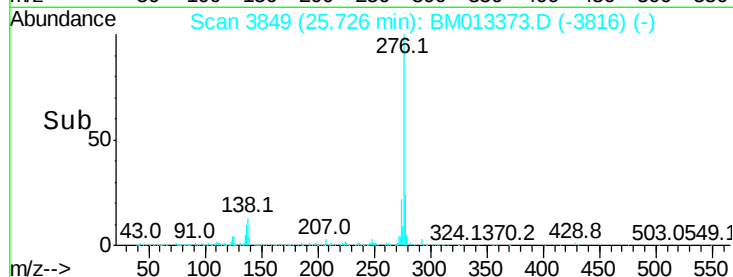
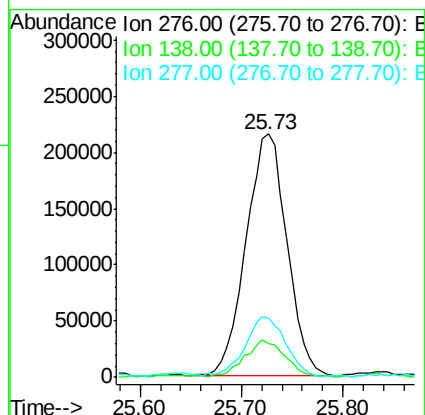
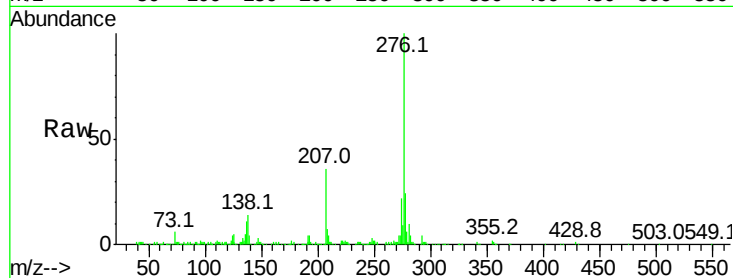


#89

Indeno(1,2,3-cd)pyrene
Concen: 7.731 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BM013373.D
Acq: 13 Dec 2017 14:49

Instrument :
BNA_M
ClientSampleId :

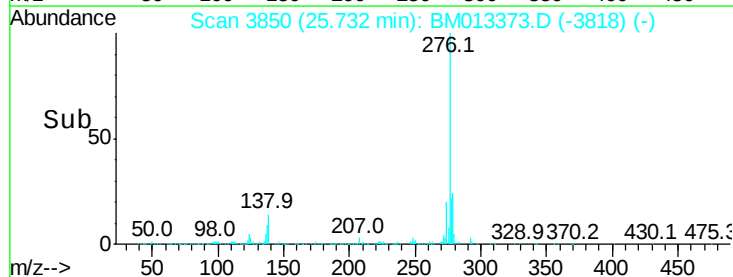
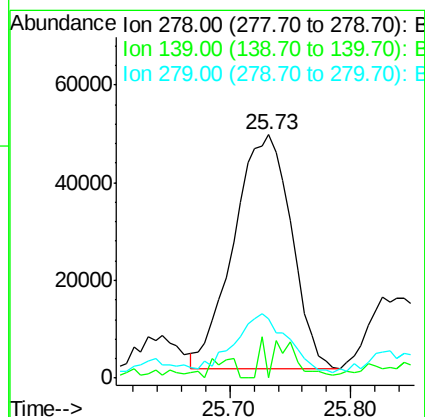
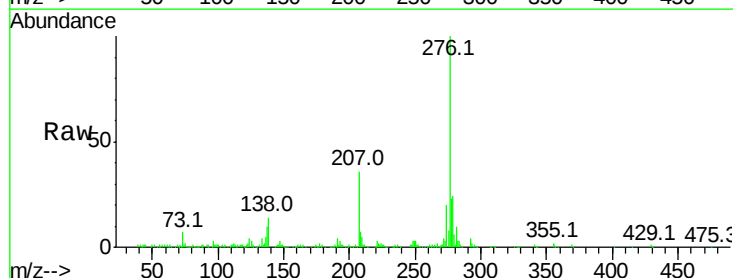
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.8	9.3	13.9
277	24.2	19.9	29.9

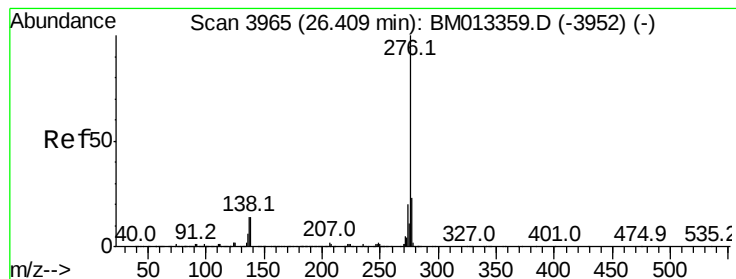


#90

Dibenzo(a,h)anthracene
Concen: 2.375 ng/ul
RT: 25.73 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BM013373.D
Acq: 13 Dec 2017 14:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	24.1	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 7.891 ng/ul

RT: 26.41 min Scan# 3965

Delta R.T. -0.00 min

Lab File: BM013373.D

Acq: 13 Dec 2017 14:49

Instrument :

BNA_M

ClientSampleId :

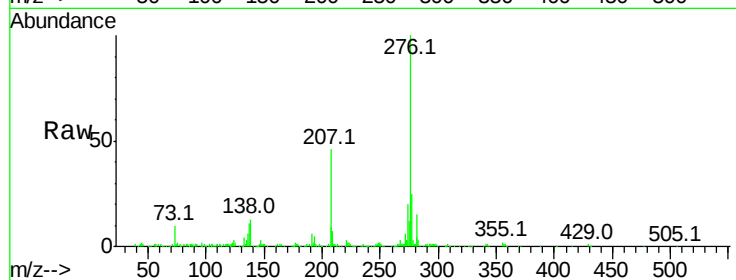
Tot Ion:276 Resp: 484252

Ion Ratio Lower Upper

276 100

138 13.0 8.5 12.7#

277 25.0 18.6 28.0



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

