

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012018\
 Data File : BM013674.D
 Acq On : 20 Jan 2018 10:31
 Operator : SJ/JU
 Sample : J1216-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 22 00:40:49 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 00:40:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	139818	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	535235	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	287405	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	626239	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	724635	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	751266	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	13014	3.68	ng/uL	0.00
5) Phenol-d5	6.79	99	256768	23.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	157132	24.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	217901	24.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	212525	25.76	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	109471	26.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	118861	27.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	220195	25.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	236863	32.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	631799	26.67	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	828592	27.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	54816	14.24	ng/ul	0.00
57) Fluorene-d10	15.26	176	545045	26.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	67523	17.91	ng/ul	0.00
70) Anthracene-d10	17.12	188	820018	26.88	ng/ul	0.00
76) Pyrene-d10	19.42	212	948946	28.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1006088	29.14	ng/ul	0.00

Target Compounds

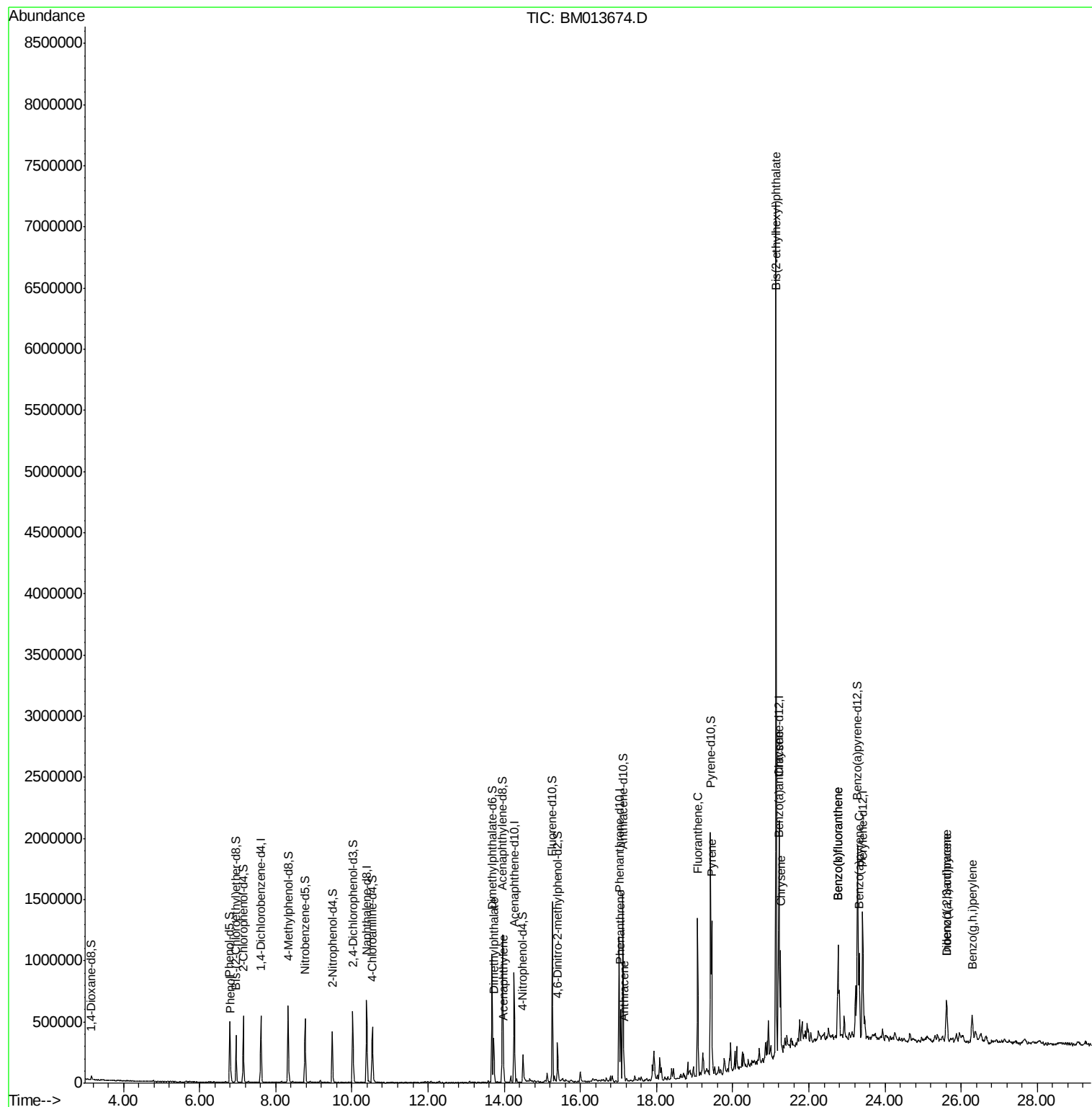
					Ovalue	
6) Phenol	6.82	94	33636	3.124	ng/ul#	85
44) Dimethylphthalate	13.73	163	202248	8.684	ng/ul#	97
47) Acenaphthylene	13.99	152	83231	3.012	ng/ul	99
69) Phenanthrene	17.06	178	333861	9.591	ng/ul	98
71) Anthracene	17.15	178	68866	1.918	ng/ul	97
74) Fluoranthene	19.08	202	740427	17.819	ng/ul#	93
77) Pyrene	19.44	202	739360	16.784	ng/ul#	94
80) Benzo(a)anthracene	21.20	228	436032	9.958	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.14	149	2282528	98.037	ng/ul#	99
82) Chrysene	21.25	228	448127	11.156	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	610442	13.231	ng/ul#	94
86) Benzo(k)fluoranthene	22.76	252	610442	13.689	ng/ul#	92
88) Benzo(a)pyrene	23.32	252	467126	10.718	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.61	276	325211	6.321	ng/ul	100
90) Dibenzo(a,h)anthracene	25.62	278	52136	1.200	ng/ul#	86
91) Benzo(g,h,i)perylene	26.29	276	267050	6.307	ng/ul#	93

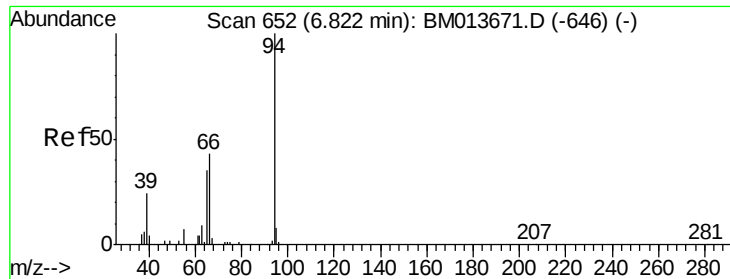
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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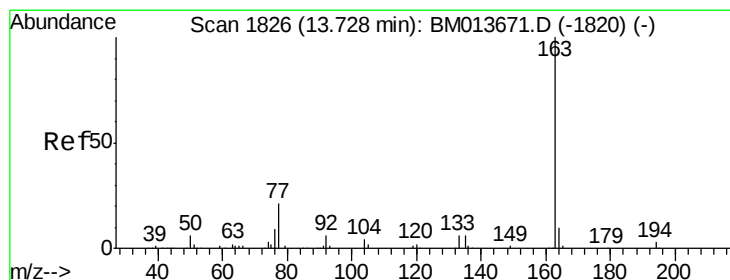
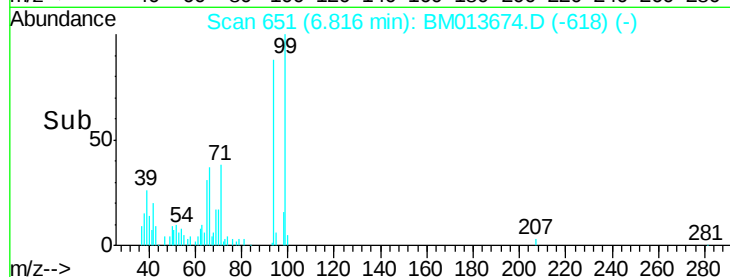
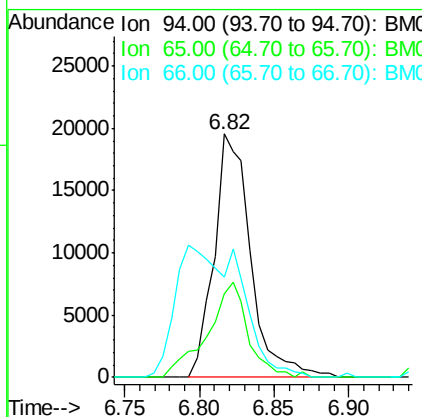
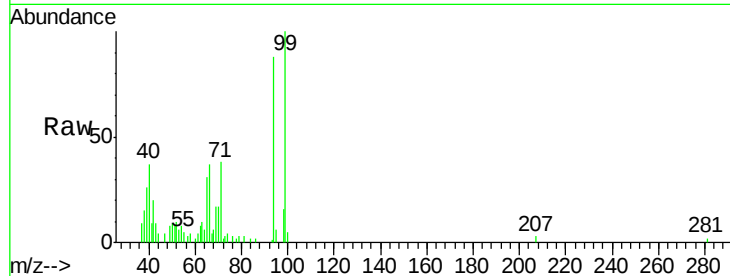
#6

Phenol

Concen: 3.124 ng/ul
 RT: 6.82 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BM013674.D
 Acq: 20 Jan 2018 10:31

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 33636
 Ion Ratio Lower Upper
 94 100
 65 34.5 28.2 42.4
 66 41.3 47.2 70.8#

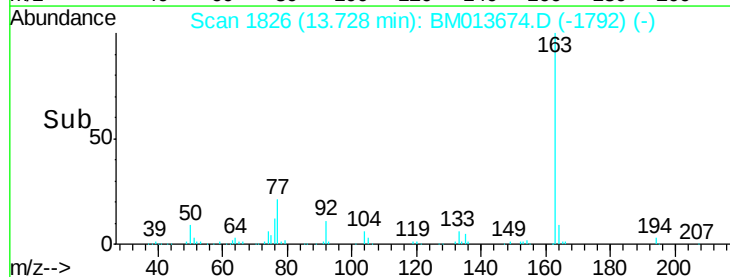
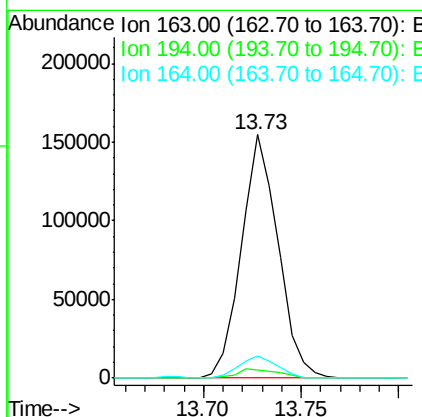
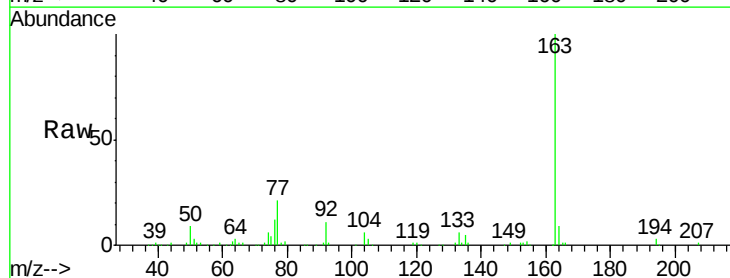


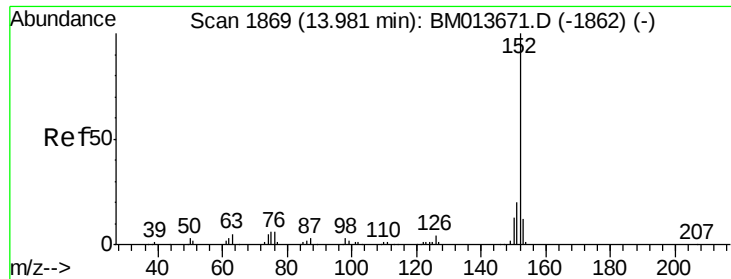
#44

Dimethylphthalate

Concen: 8.684 ng/ul
 RT: 13.73 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BM013674.D
 Acq: 20 Jan 2018 10:31

Tgt Ion: 163 Resp: 202248
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.5 5.3#
 164 9.0 8.2 12.4

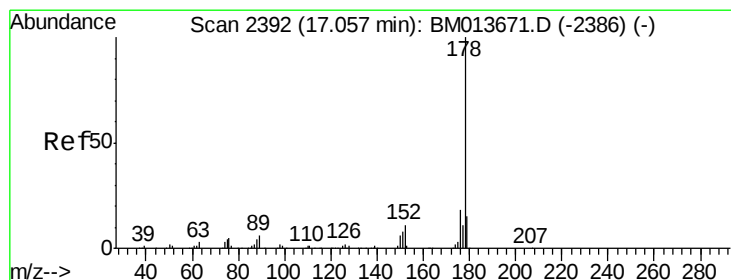
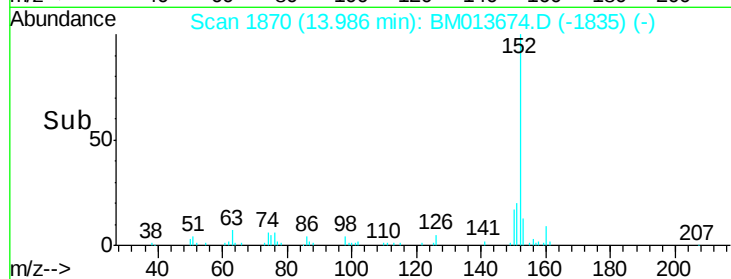
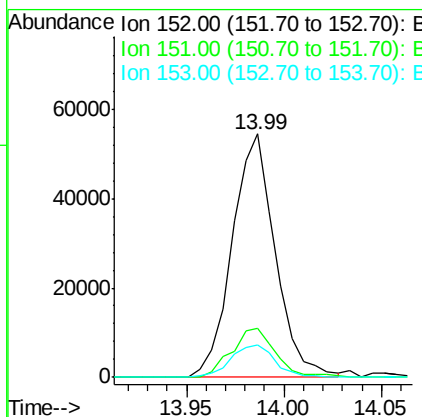
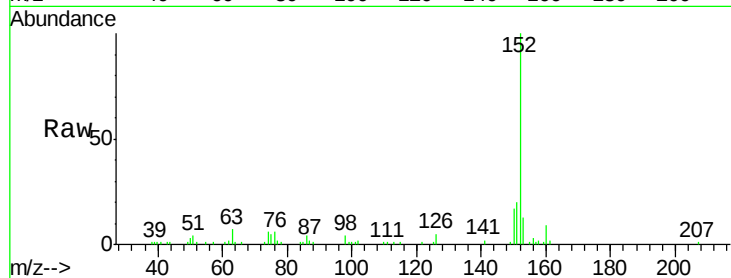




#47
Acenaphthylene
Concen: 3.012 ng/ul
RT: 13.99 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BM013674.D
Acq: 20 Jan 2018 10:31

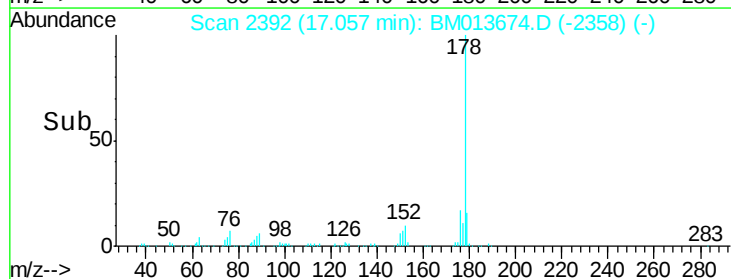
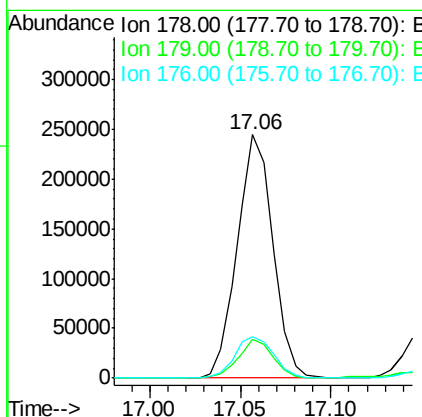
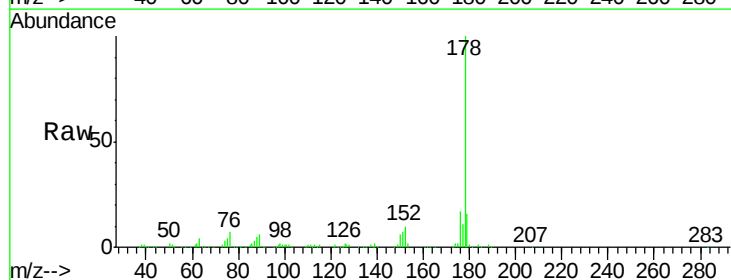
Instrument :
BNA_M
ClientSampleId :

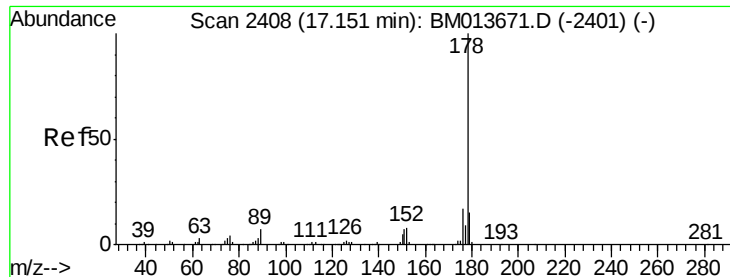
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.2	10.2	15.4



#69
Phenanthrene
Concen: 9.591 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM013674.D
Acq: 20 Jan 2018 10:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	17.1	14.9	22.3





#71

Anthracene

Concen: 1.918 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BM013674.D

Acq: 20 Jan 2018 10:31

Instrument :

BNA_M

ClientSampleId :

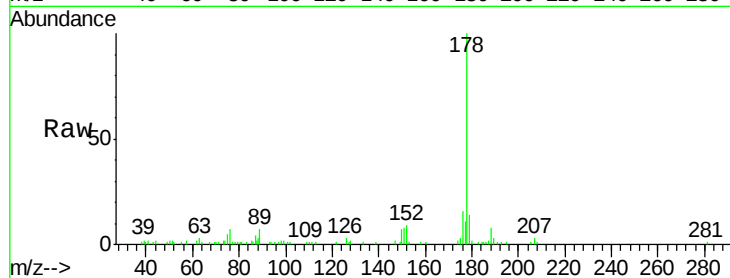
Tot Ion:178 Resp: 68866

Ion Ratio Lower Upper

178 100

179 14.1 11.7 17.5

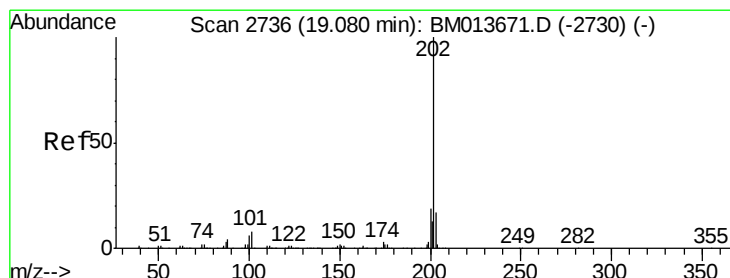
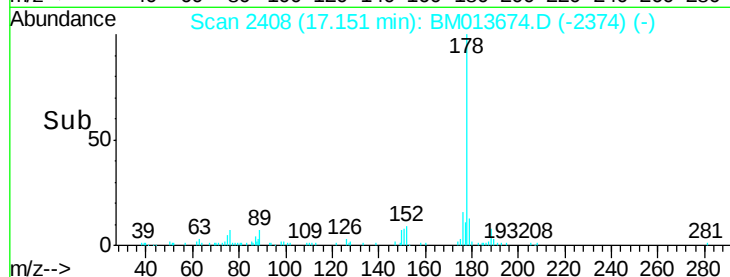
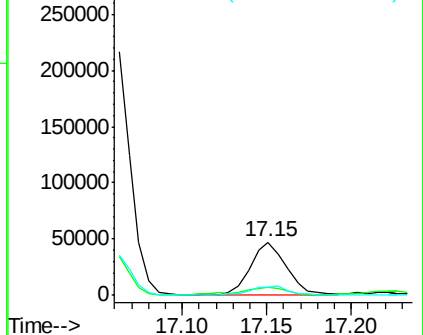
176 15.9 14.6 21.8



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



#74

Fluoranthene

Concen: 17.819 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM013674.D

Acq: 20 Jan 2018 10:31

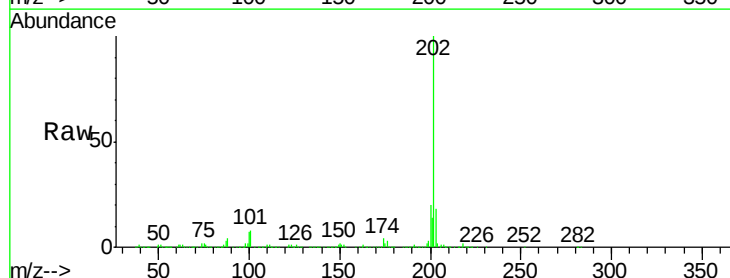
Tgt Ion:202 Resp: 740427

Ion Ratio Lower Upper

202 100

101 8.0 4.6 7.0#

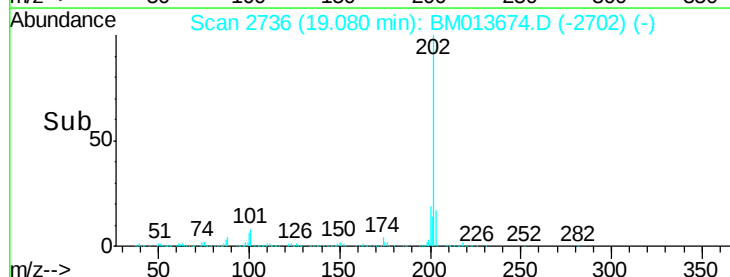
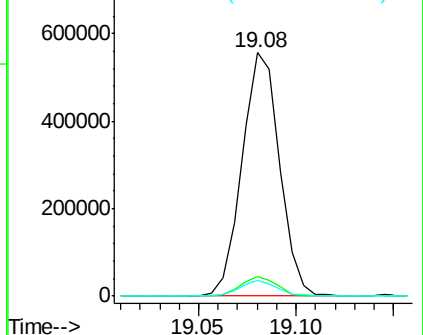
100 6.5 3.4 5.2#

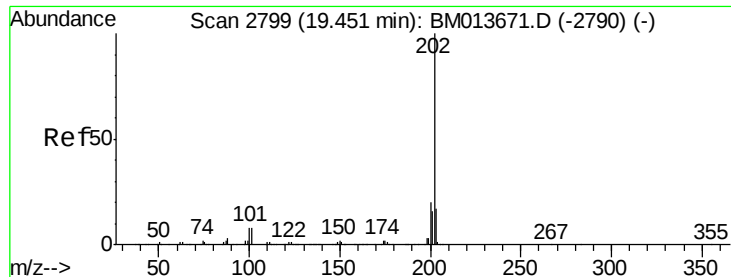


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 16.784 ng/ul

RT: 19.44 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BM013674.D

Acq: 20 Jan 2018 10:31

Instrument :

BNA_M

ClientSampleId :

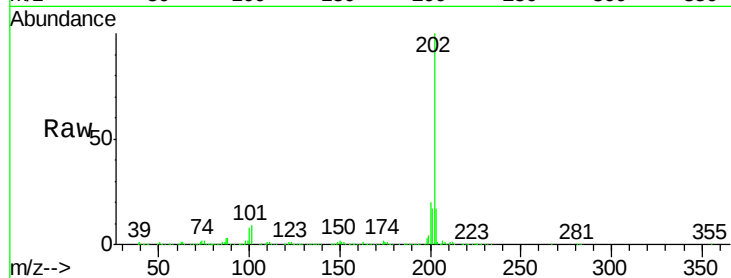
Tot Ion:202 Resp: 739360

Ion Ratio Lower Upper

202 100

101 8.7 5.1 7.7#

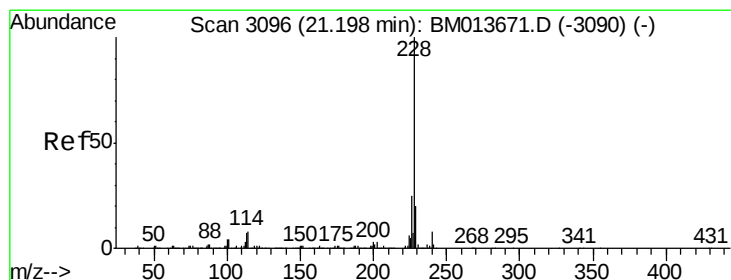
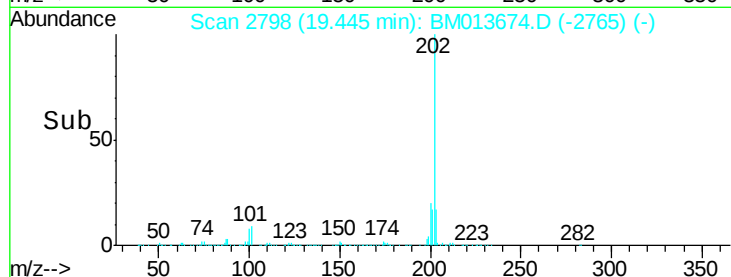
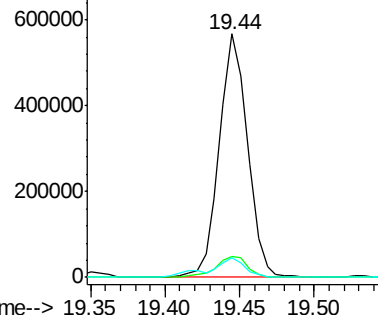
100 8.0 4.9 7.3#



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

Benzo(a)anthracene

Concen: 9.958 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM013674.D

Acq: 20 Jan 2018 10:31

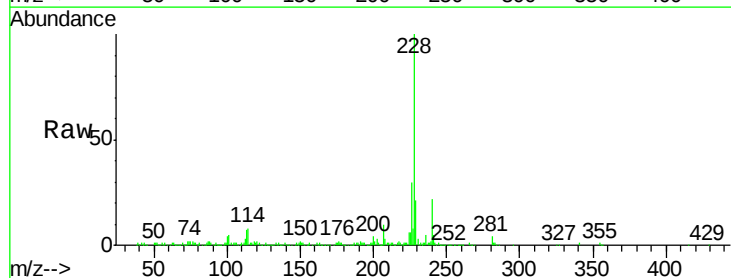
Tgt Ion:228 Resp: 436032

Ion Ratio Lower Upper

228 100

229 20.7 15.4 23.0

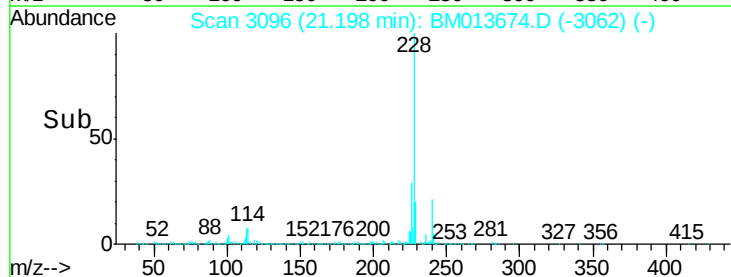
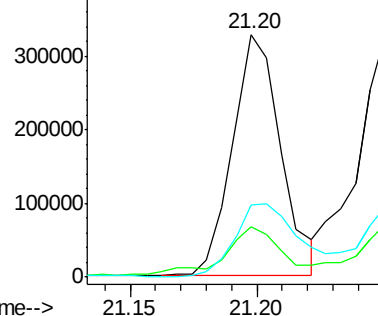
226 29.6 21.4 32.0

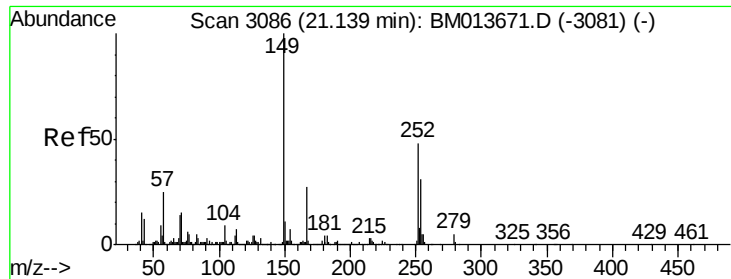


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

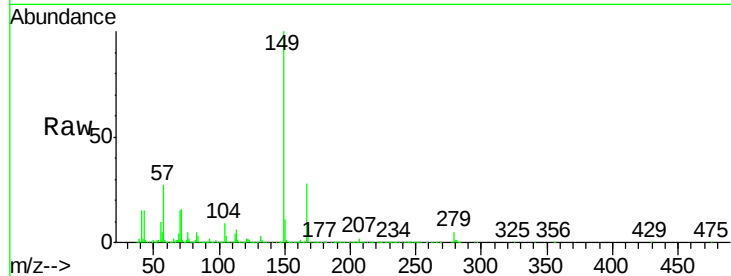




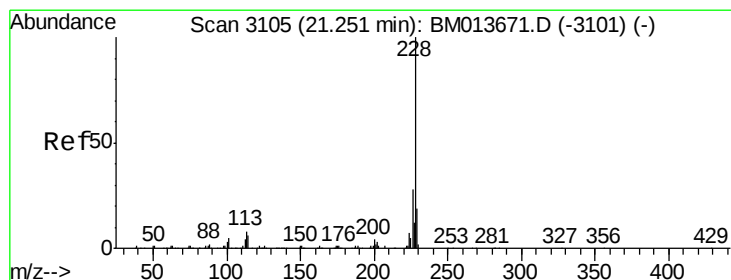
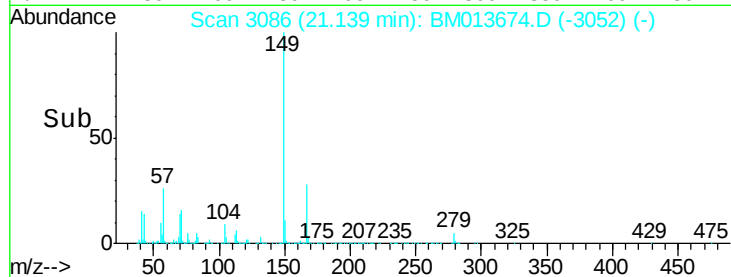
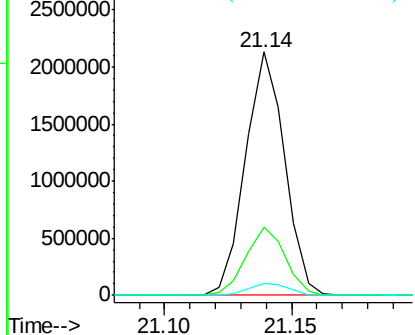
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 98.037 ng/ul
 RT: 21.14 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: BM013674.D
 Acq: 20 Jan 2018 10:31

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 2282528
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.8 34.2
 279 4.8 4.9 7.3#

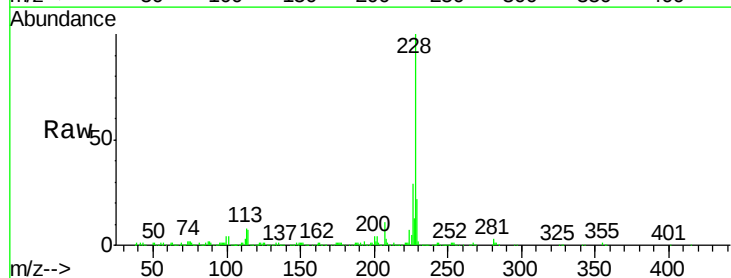


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

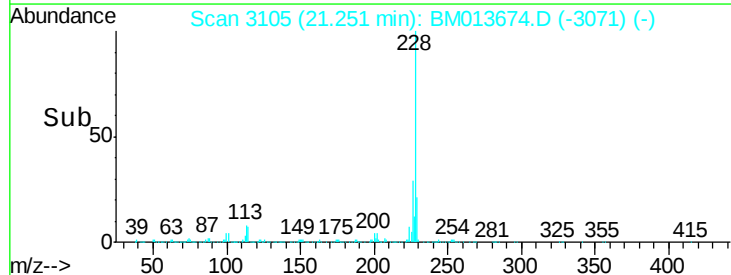
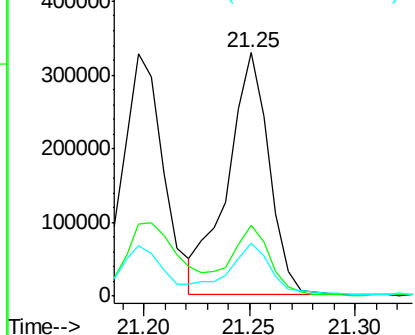


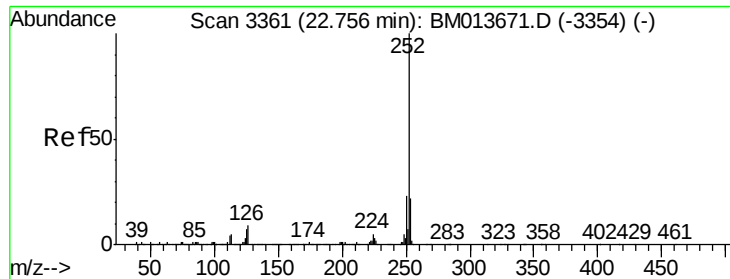
#82
 Chrysene
 Concen: 11.156 ng/ul
 RT: 21.25 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BM013674.D
 Acq: 20 Jan 2018 10:31

Tgt Ion:228 Resp: 448127
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.4 35.2
 229 21.7 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

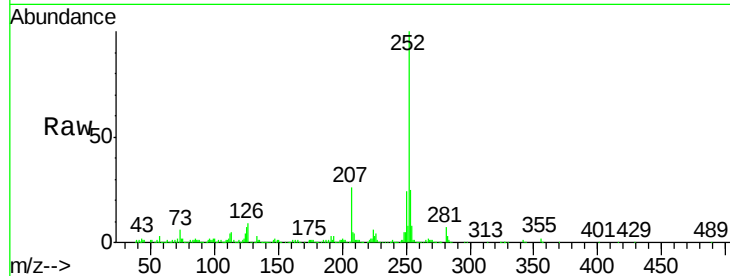




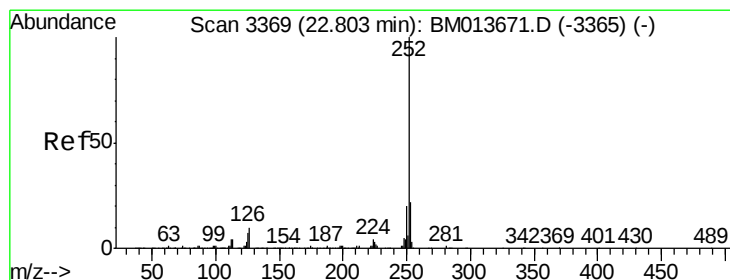
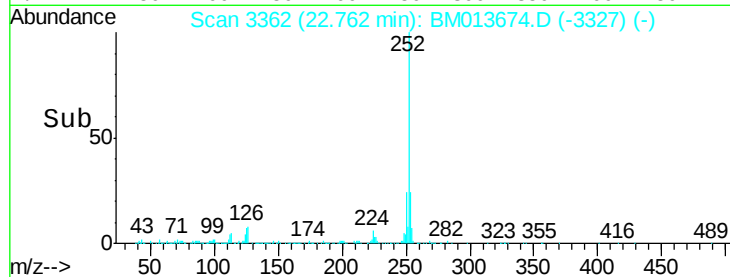
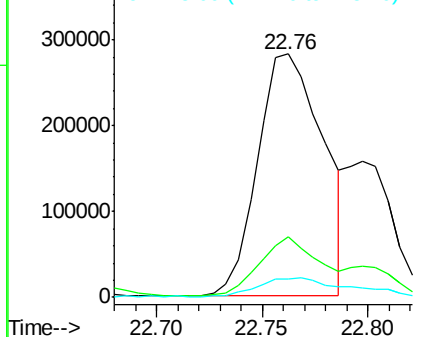
#85
Benzo(b)fluoranthene
Concen: 13.231 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BM013674.D
Acq: 20 Jan 2018 10:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 610442
Ion Ratio Lower Upper
252 100
253 24.8 17.9 26.9
125 7.3 3.6 5.4#

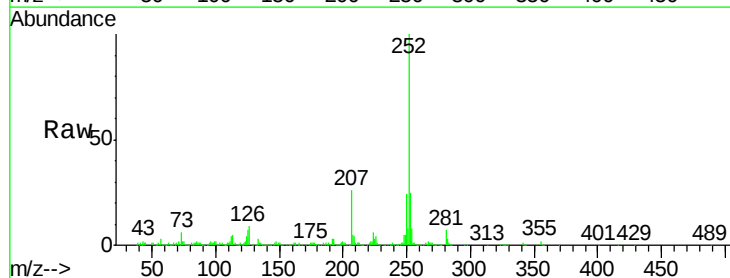


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

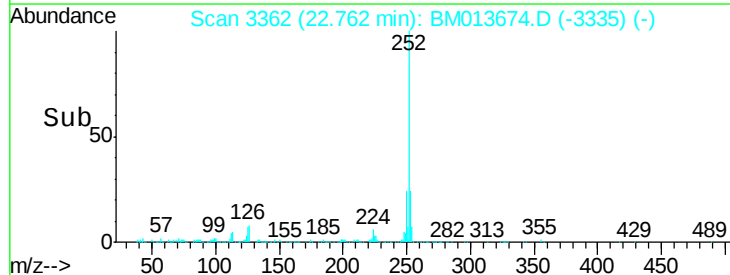
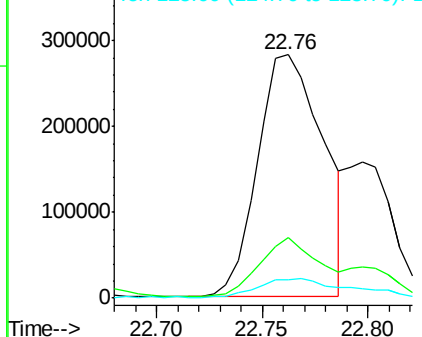


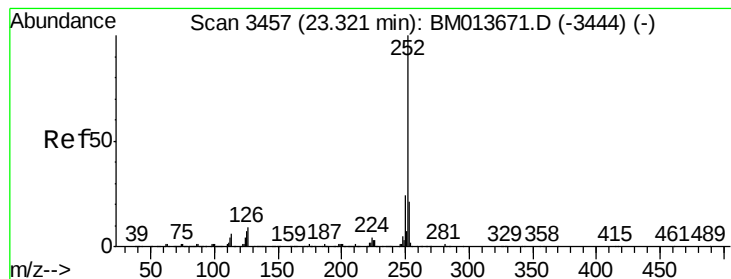
#86
Benzo(k)fluoranthene
Concen: 13.689 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.04 min
Lab File: BM013674.D
Acq: 20 Jan 2018 10:31

Tgt Ion:252 Resp: 610442
Ion Ratio Lower Upper
252 100
253 24.8 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: 10.718 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. 0.00 min

Lab File: BM013674.D

Acq: 20 Jan 2018 10:31

Instrument :

BNA_M

ClientSampleId :

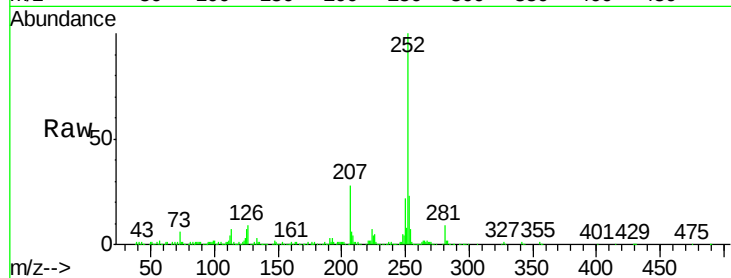
Tot Ion:252 Resp: 467126

Ion Ratio Lower Upper

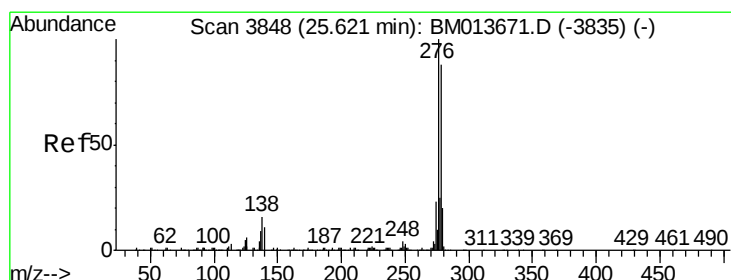
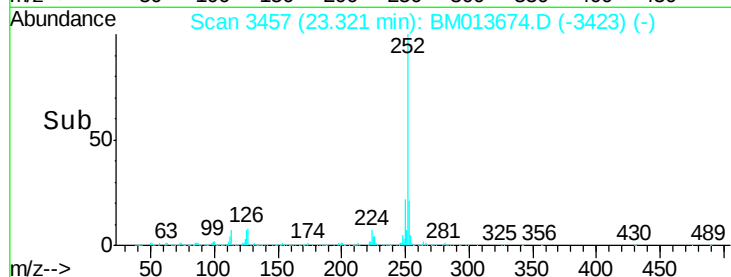
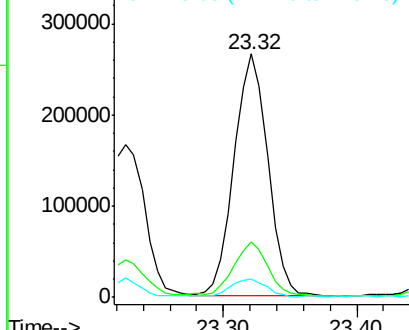
252 100

253 23.0 18.2 27.2

125 7.3 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: 6.321 ng/ul

RT: 25.61 min Scan# 3846

Delta R.T. -0.01 min

Lab File: BM013674.D

Acq: 20 Jan 2018 10:31

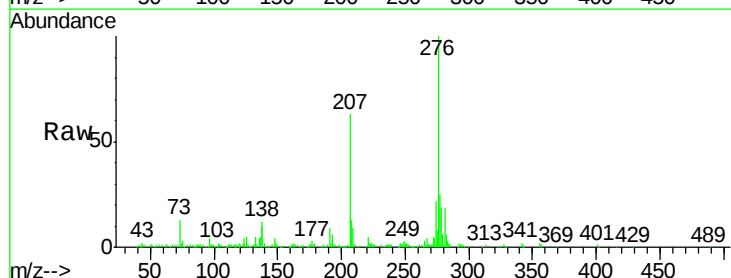
Tgt Ion:276 Resp: 325211

Ion Ratio Lower Upper

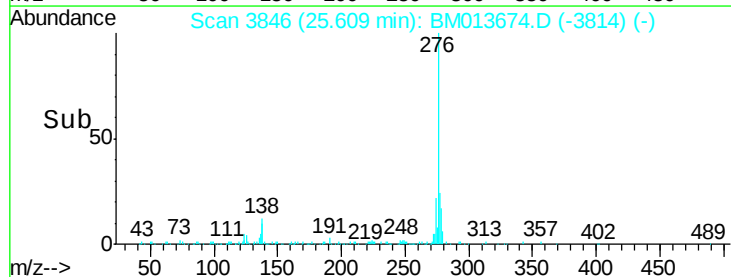
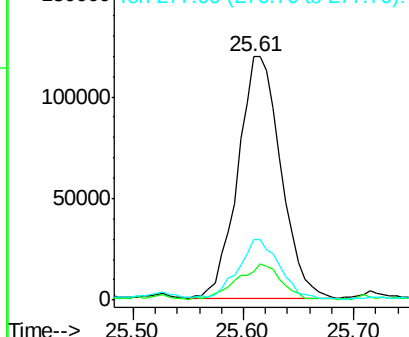
276 100

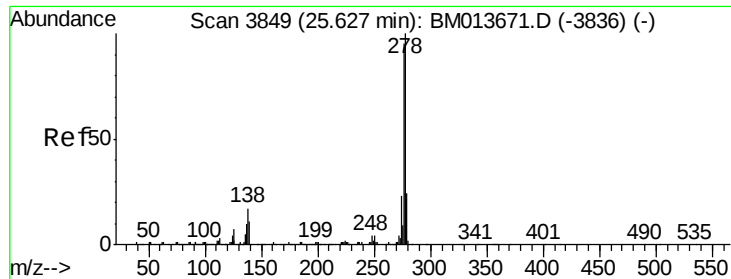
138 11.8 9.3 13.9

277 24.7 19.9 29.9



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





#90

Dibenzo(a,h)anthracene

Concen: 1.200 ng/ul

RT: 25.62 min Scan# 3847

Delta R.T. -0.01 min

Lab File: BM013674.D

Acq: 20 Jan 2018 10:31

Instrument :

BNA_M

ClientSampleId :

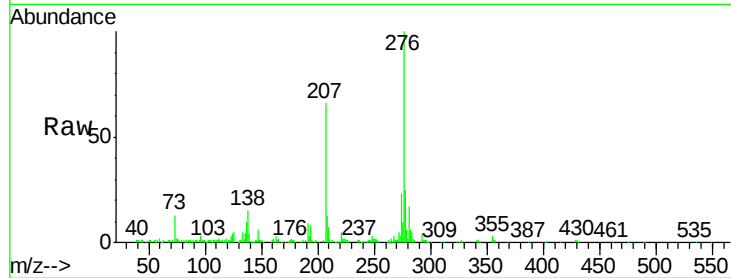
Tot Ion:278 Resp: 52136

Ion Ratio Lower Upper

278 100

139 16.9 5.8 8.8#

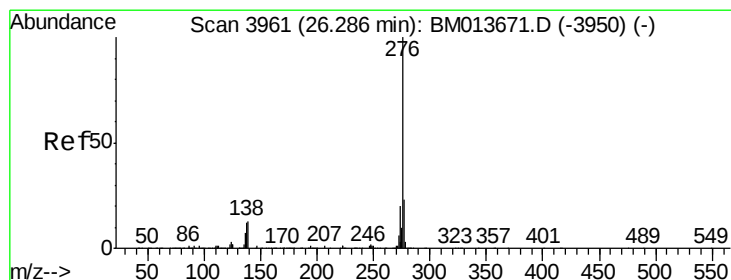
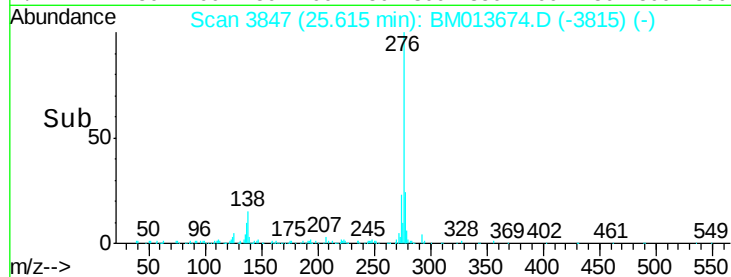
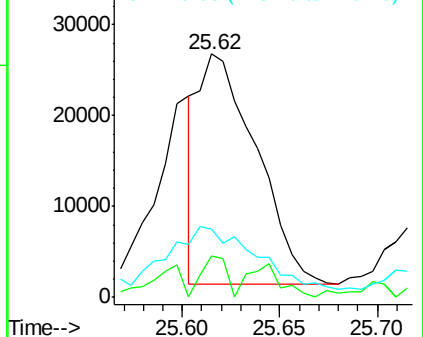
279 27.8 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 6.307 ng/ul

RT: 26.29 min Scan# 3961

Delta R.T. 0.00 min

Lab File: BM013674.D

Acq: 20 Jan 2018 10:31

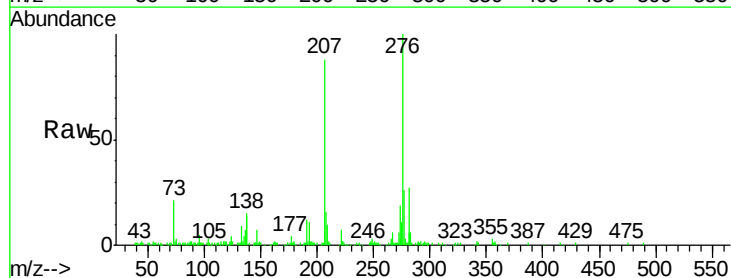
Tgt Ion:276 Resp: 267050

Ion Ratio Lower Upper

276 100

138 14.6 8.5 12.7#

277 26.2 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

