

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014347.D
 Acq On : 24 Feb 2018 00:55
 Operator : SJ/JU
 Sample : J1631-11 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 24 01:30:08 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 23:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	147591	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	689763	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	407323	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	853592	20.00	ng/ul	0.00
75) Chrysene-d12	21.14	240	674284	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	570375	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	430	0.12	ng/uL	0.00
5) Phenol-d5	6.74	99	11922	0.96	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.89	67	10038	1.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	16080	1.68	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	13836	1.27	ng/ul	0.03
19) Nitrobenzene-d5	8.67	128	114	0.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	7193	1.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	5739	0.53	ng/ul	0.04
29) 4-Chloroaniline-d4	10.49	131	5350	0.50	ng/ul	0.04
43) Dimethylphthalate-d6	13.61	166	75728	2.25	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	92971	2.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	463	0.10	ng/ul	0.11
57) Fluorene-d10	15.19	176	67843	2.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	3775	0.74	ng/ul	0.02
70) Anthracene-d10	17.04	188	100324	2.44	ng/ul	0.00
76) Pyrene-d10	19.34	212	104350	3.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.17	264	73332	2.64	ng/ul	0.00

Target Compounds

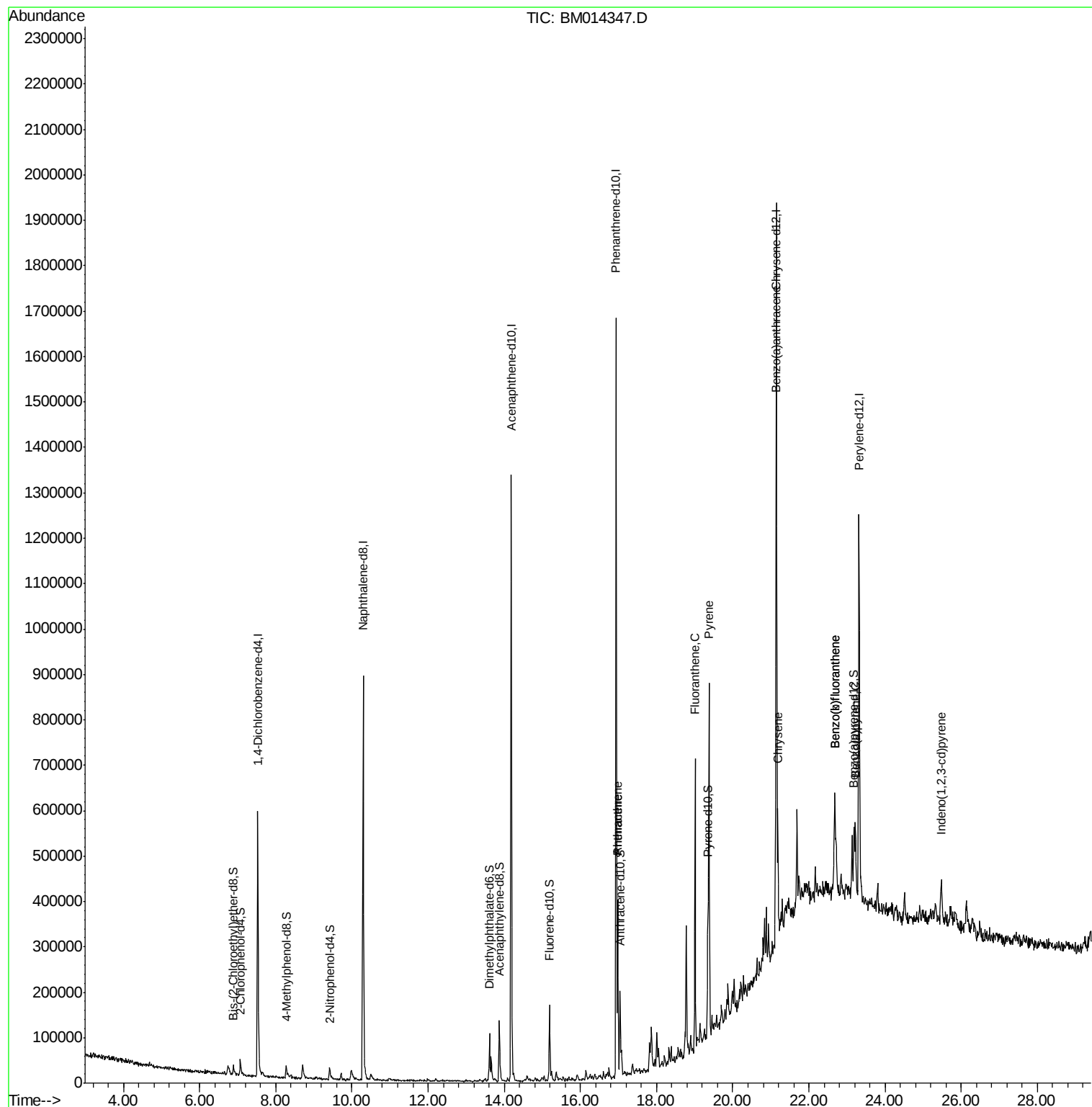
					Ovalue	
69) Phenanthrene	16.98	178	210466	4.279	ng/ul	99
71) Anthracene	16.98	178	210466	4.255	ng/ul	98
74) Fluoranthene	19.01	202	353265	6.012	ng/ul#	94
77) Pyrene	19.37	202	319998	7.141	ng/ul#	91
80) Benzo(a)anthracene	21.13	228	149448	3.551	ng/ul	98
82) Chrysene	21.19	228	141444	3.603	ng/ul	95
85) Benzo(b)fluoranthene	22.68	252	160074	4.191	ng/ul#	89
86) Benzo(k)fluoranthene	22.68	252	161097	4.437	ng/ul#	87
88) Benzo(a)pyrene	23.23	252	113616	3.329	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.47	276	76889	2.322	ng/ul	96

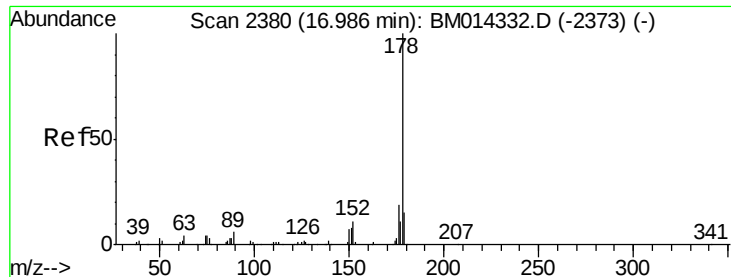
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

Phenanthrene

Concen: 4.279 ng/ul

RT: 16.98 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM014347.D

Acq: 24 Feb 2018 00:55

Instrument :

BNA_M

ClientSampleId :

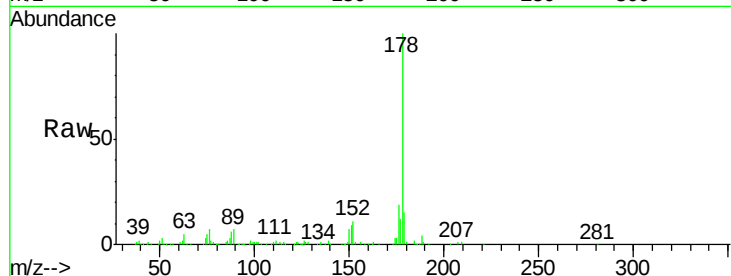
Tot Ion:178 Resp: 210466

Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

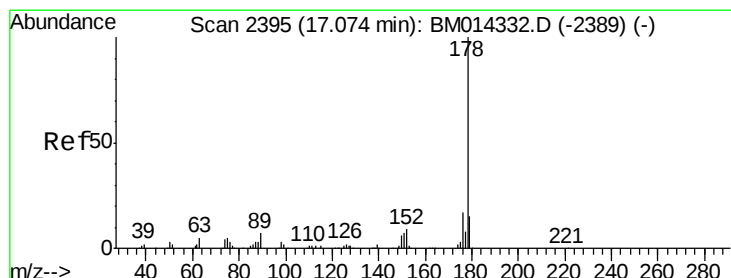
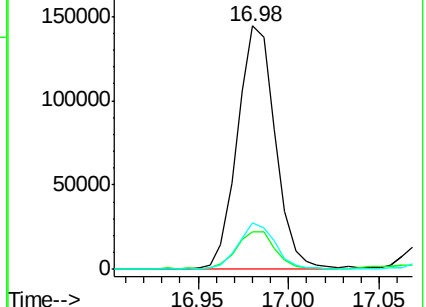
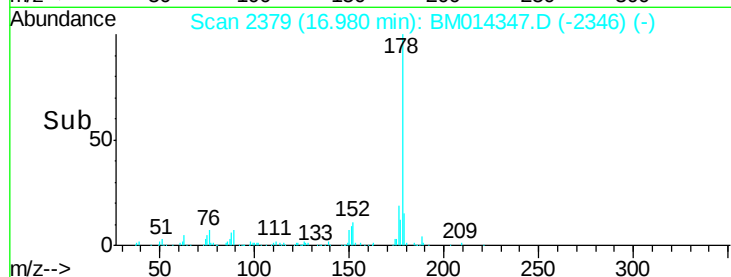
176 19.0 14.9 22.3



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



#71

Anthracene

Concen: 4.255 ng/ul

RT: 16.98 min Scan# 2379

Delta R.T. -0.09 min

Lab File: BM014347.D

Acq: 24 Feb 2018 00:55

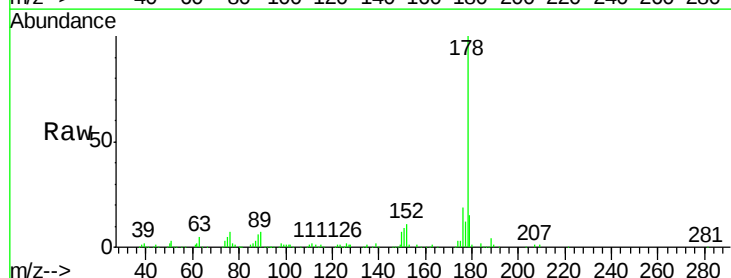
Tgt Ion:178 Resp: 210466

Ion Ratio Lower Upper

178 100

179 15.2 11.7 17.5

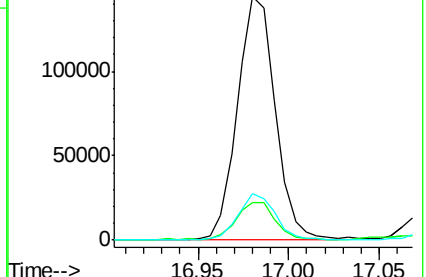
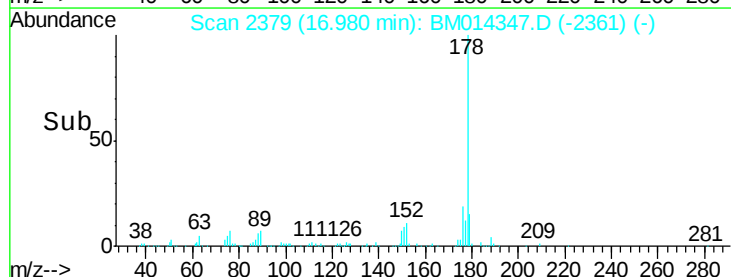
176 19.0 14.6 21.8

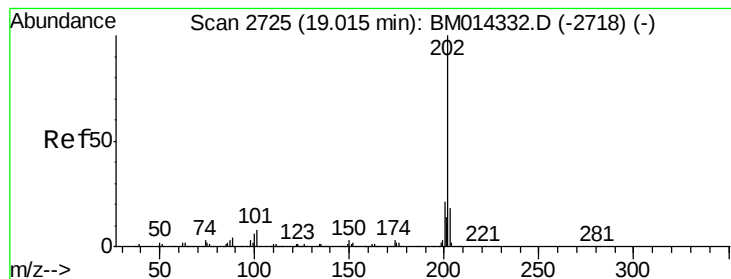


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 6.012 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM014347.D

Acq: 24 Feb 2018 00:55

Instrument :

BNA_M

ClientSampleId :

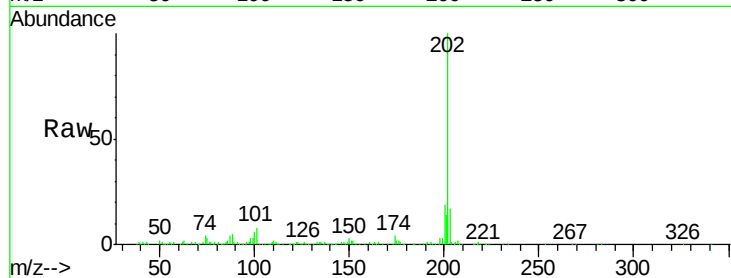
Tot Ion:202 Resp: 353265

Ion Ratio Lower Upper

202 100

101 7.9 4.6 7.0#

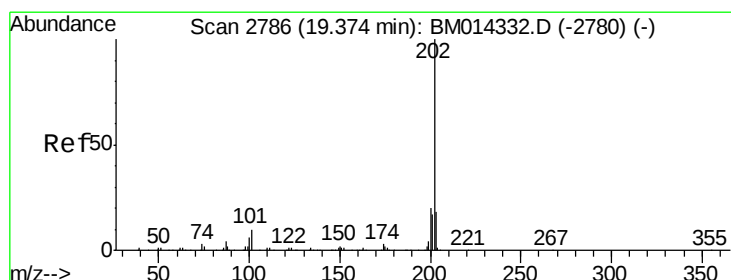
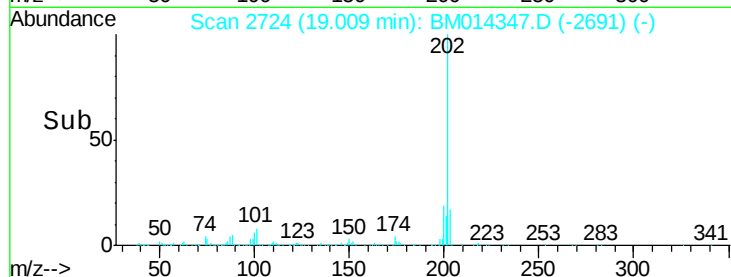
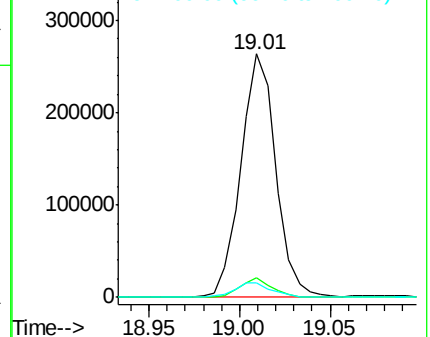
100 6.1 3.4 5.2#



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

Pyrene

Concen: 7.141 ng/ul

RT: 19.37 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BM014347.D

Acq: 24 Feb 2018 00:55

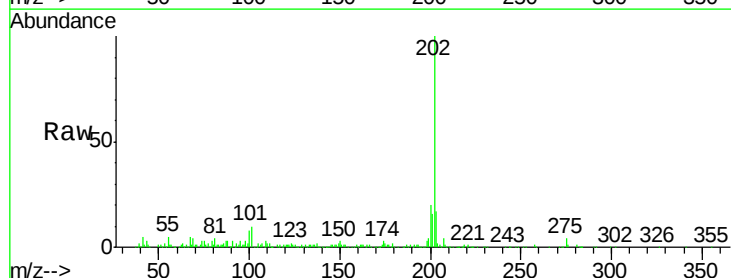
Tgt Ion:202 Resp: 319998

Ion Ratio Lower Upper

202 100

101 9.9 5.1 7.7#

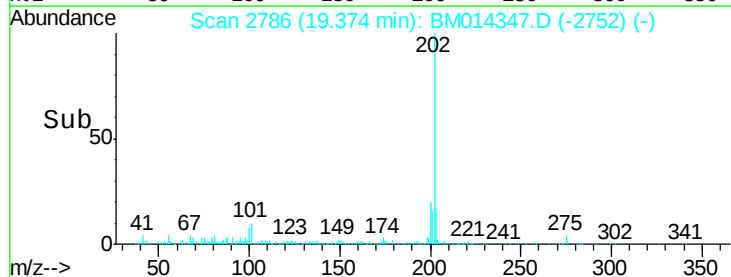
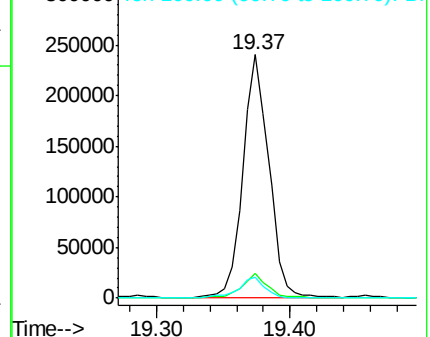
100 8.4 4.9 7.3#

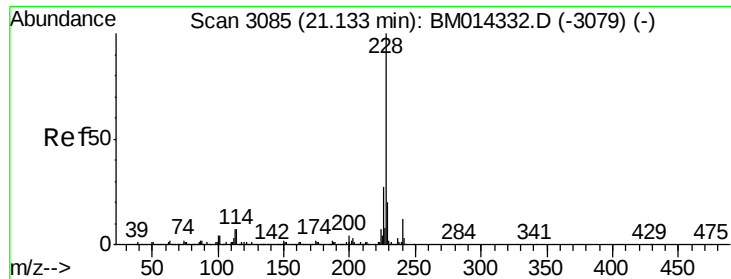


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.551 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM014347.D

Acq: 24 Feb 2018 00:55

Instrument :

BNA_M

ClientSampled :

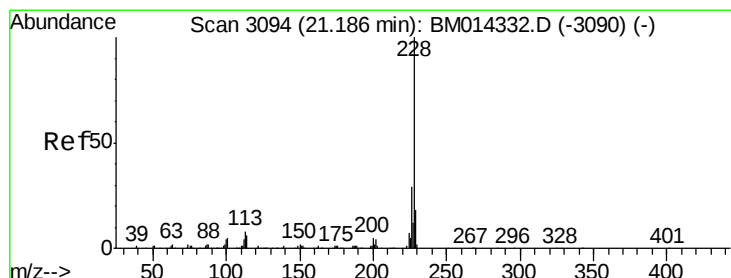
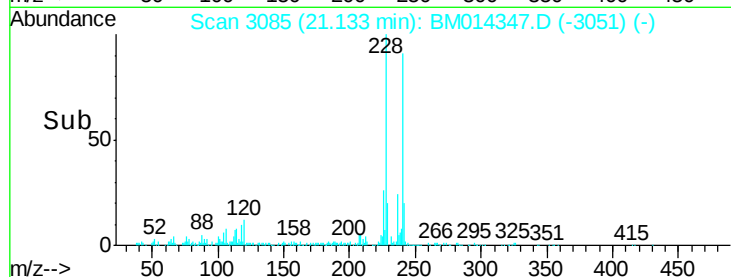
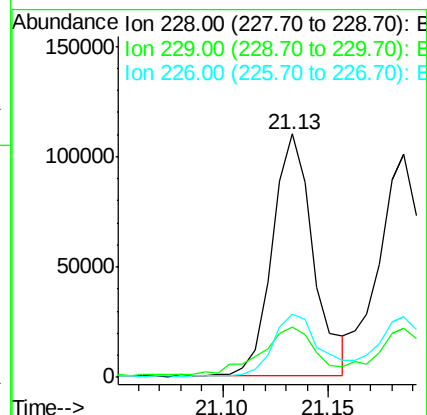
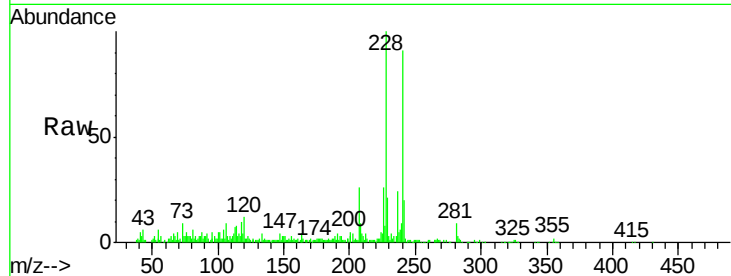
Tot Ion:228 Resp: 149448

Ion Ratio Lower Upper

228 100

229 20.9 15.4 23.0

226 25.9 21.4 32.0



#82

Chrysene

Concen: 3.603 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM014347.D

Acq: 24 Feb 2018 00:55

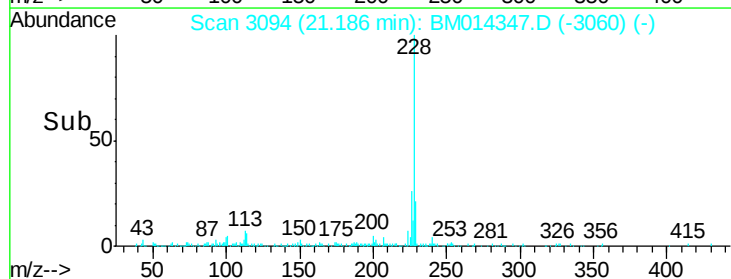
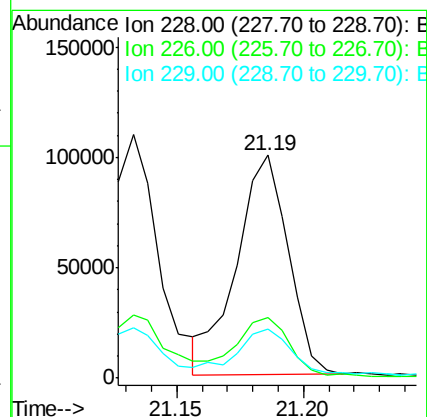
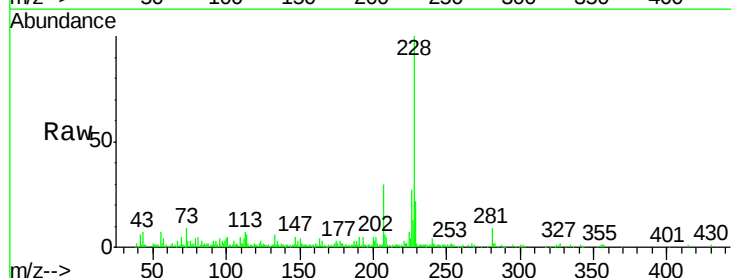
Tgt Ion:228 Resp: 141444

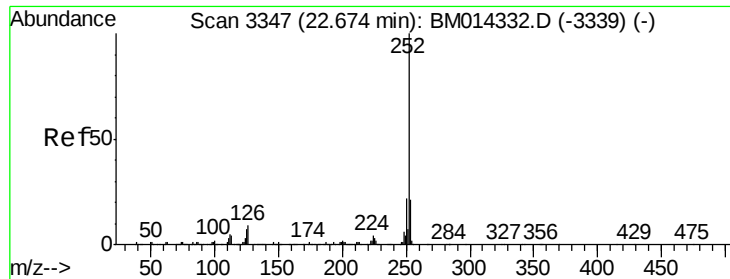
Ion Ratio Lower Upper

228 100

226 26.9 23.4 35.2

229 21.8 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 4.191 ng/ul

RT: 22.68 min Scan# 3348

Delta R.T. 0.01 min

Lab File: BM014347.D

Acq: 24 Feb 2018 00:55

Instrument :

BNA_M

ClientSampleId :

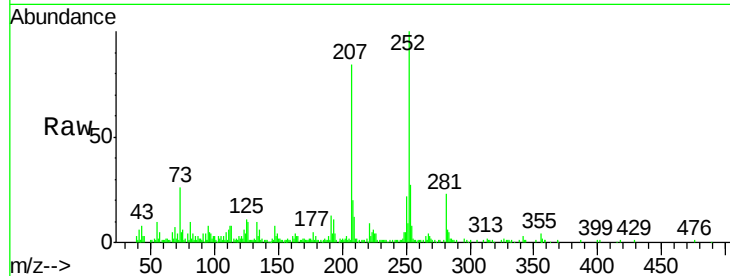
Tot Ion:252 Resp: 160074

Ion Ratio Lower Upper

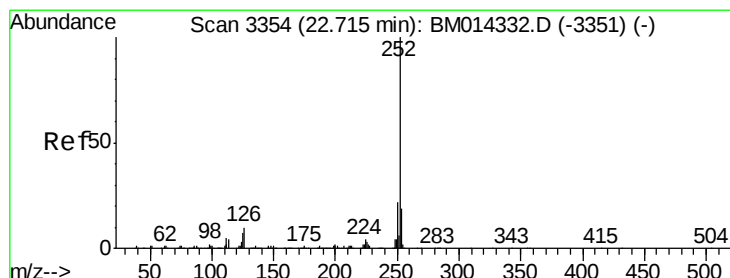
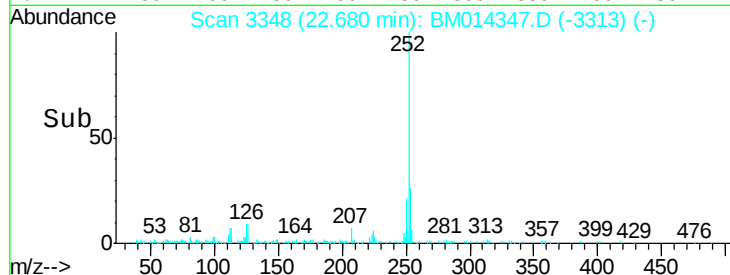
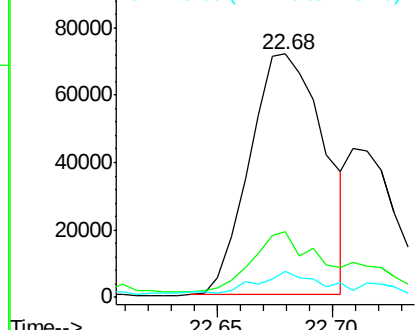
252 100

253 26.9 17.9 26.9#

125 10.7 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: 4.437 ng/ul

RT: 22.68 min Scan# 3348

Delta R.T. -0.04 min

Lab File: BM014347.D

Acq: 24 Feb 2018 00:55

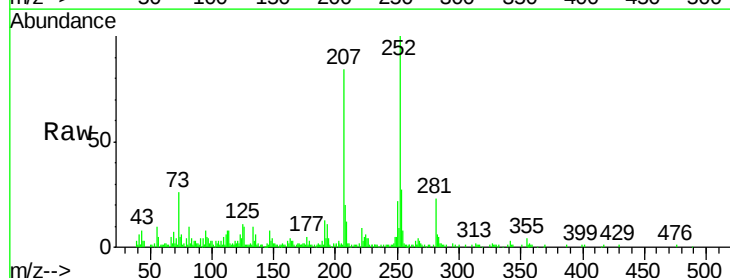
Tgt Ion:252 Resp: 161097

Ion Ratio Lower Upper

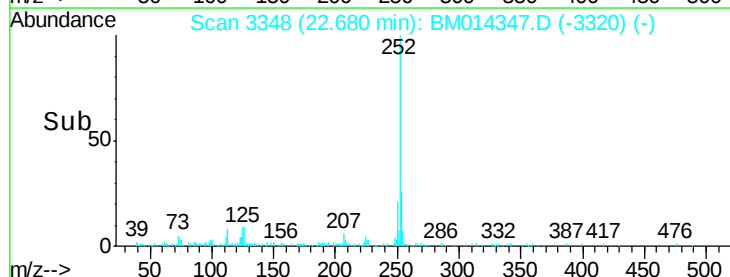
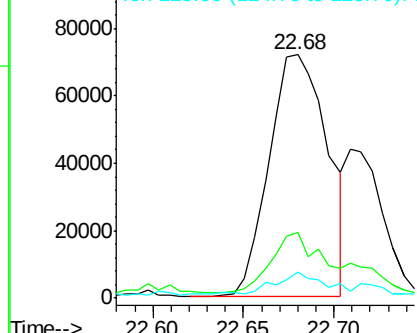
252 100

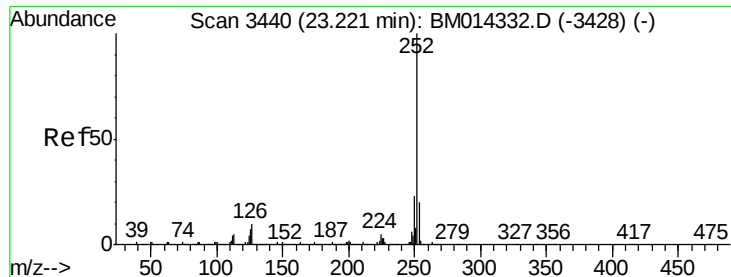
253 26.9 17.1 25.7#

125 10.7 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: 3.329 ng/ul

RT: 23.23 min Scan# 3441

Delta R.T. 0.01 min

Lab File: BM014347.D

Acq: 24 Feb 2018 00:55

Instrument :

BNA_M

ClientSampleId :

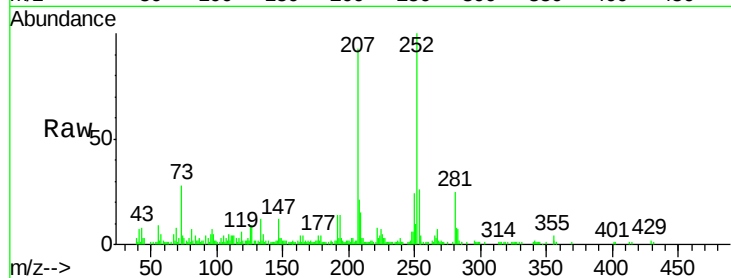
Tot Ion:252 Resp: 113616

Ion Ratio Lower Upper

252 100

253 25.9 18.2 27.2

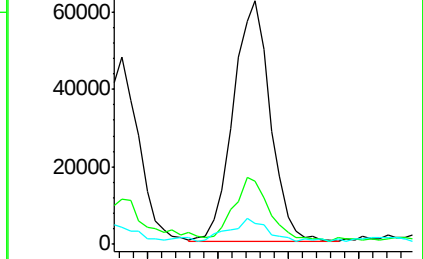
125 8.6 4.0 6.0#



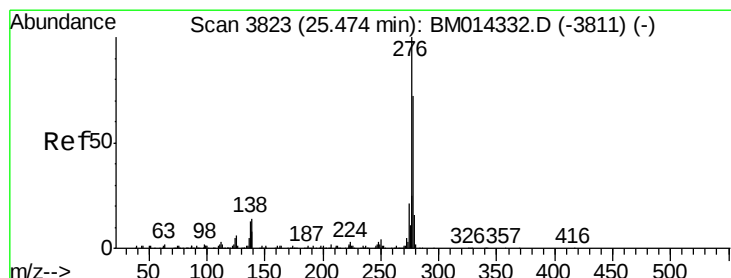
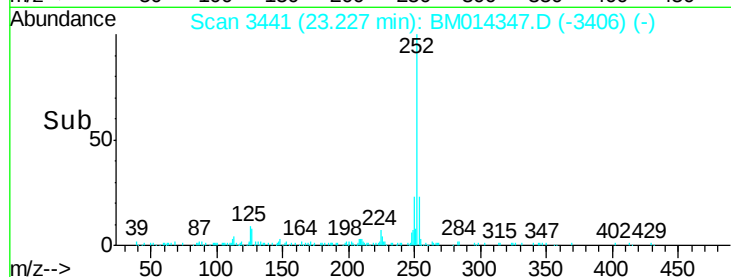
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.322 ng/ul

RT: 25.47 min Scan# 3823

Delta R.T. -0.00 min

Lab File: BM014347.D

Acq: 24 Feb 2018 00:55

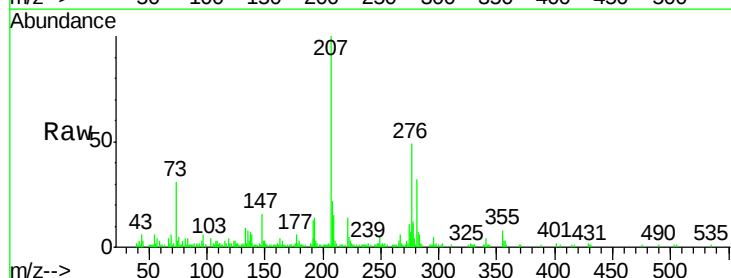
Tgt Ion:276 Resp: 76889

Ion Ratio Lower Upper

276 100

138 13.3 9.3 13.9

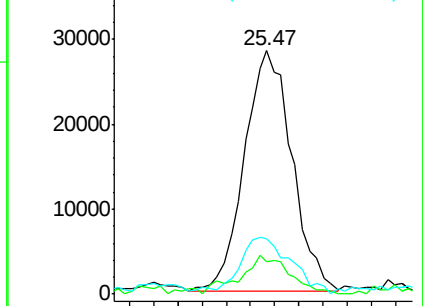
277 22.8 19.9 29.9



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



Time-->

