

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014341.D
 Acq On : 23 Feb 2018 21:20
 Operator : SJ/JU
 Sample : J1631-02 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 23 23:19:54 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	110501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	511012	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	307371	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	656478	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	632021	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	523689	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	1526	0.59	ng/uL	0.00
5) Phenol-d5	6.75	99	11442	1.23	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.89	67	9856	1.74	ng/ul	0.01
9) 2-Chlorophenol-d4	7.07	132	12210	1.70	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	8866	1.08	ng/ul	0.03
19) Nitrobenzene-d5	8.71	128	7961	2.11	ng/ul	0.03
22) 2-Nitrophenol-d4	9.39	143	127	0.03	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.99	165	7231	0.89	ng/ul	0.05
29) 4-Chloroaniline-d4	10.51	131	2208	0.28	ng/ul	0.05
43) Dimethylphthalate-d6	13.61	166	65541	2.58	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	88194	2.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	318	0.09	ng/ul	0.14
57) Fluorene-d10	15.19	176	61374	2.70	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	3605	0.92	ng/ul	0.03
70) Anthracene-d10	17.04	188	90347	2.85	ng/ul	0.00
76) Pyrene-d10	19.34	212	110458	3.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	81077	3.18	ng/ul	0.00

Target Compounds

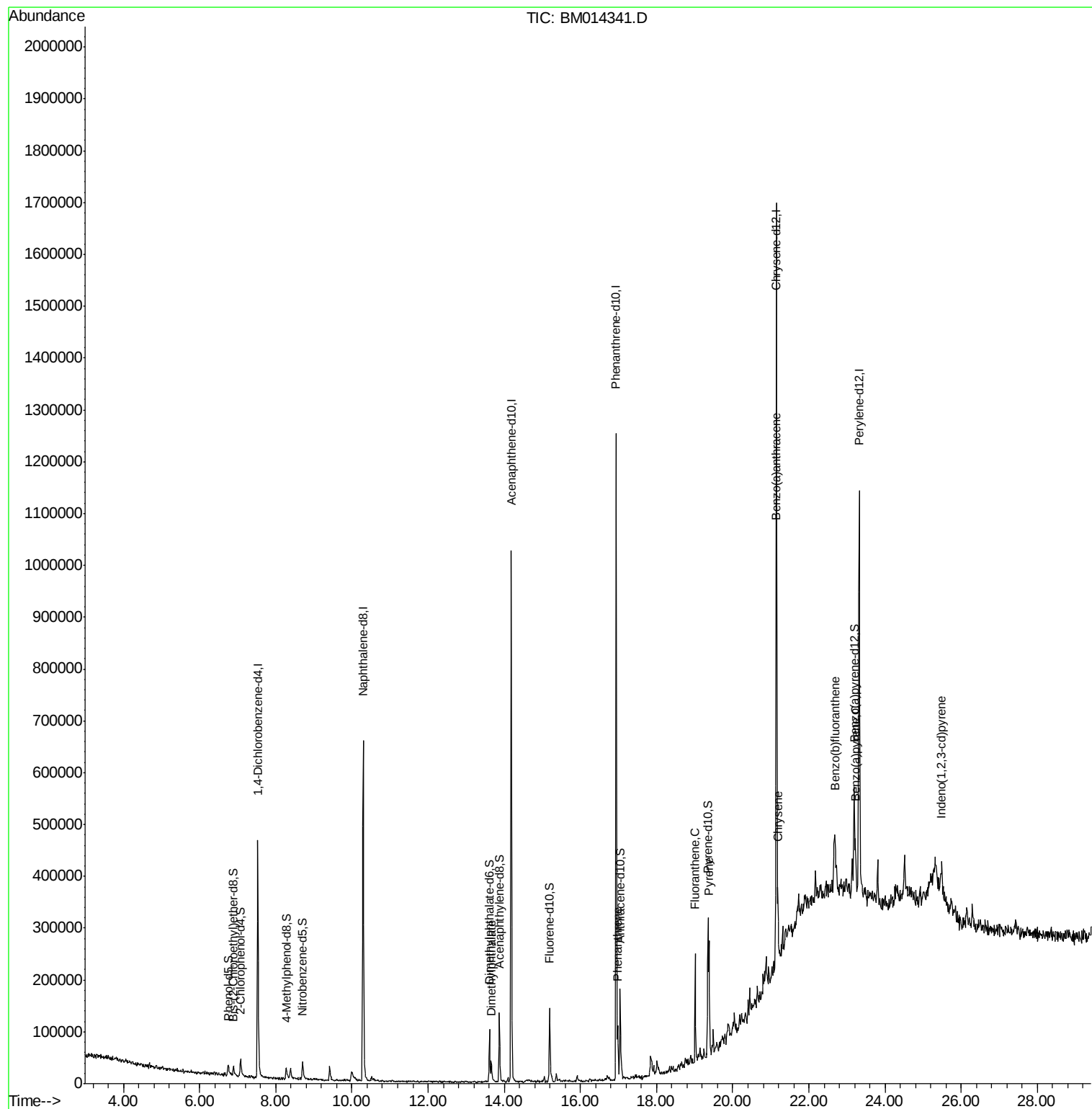
					Ovalue	
44) Dimethylphthalate	13.66	163	25976	1.038	ng/ul#	93
69) Phenanthrene	16.98	178	50810	1.343	ng/ul#	89
74) Fluoranthene	19.01	202	118879	2.631	ng/ul#	98
77) Pyrene	19.37	202	120458	2.868	ng/ul#	92
80) Benzo(a)anthracene	21.13	228	72668	1.842	ng/ul	96
82) Chrysene	21.19	228	64174	1.744	ng/ul	96
85) Benzo(b)fluoranthene	22.68	252	82732	2.359	ng/ul#	93
88) Benzo(a)pyrene	23.23	252	52452	1.674	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.48	276	35860	1.179	ng/ul#	87

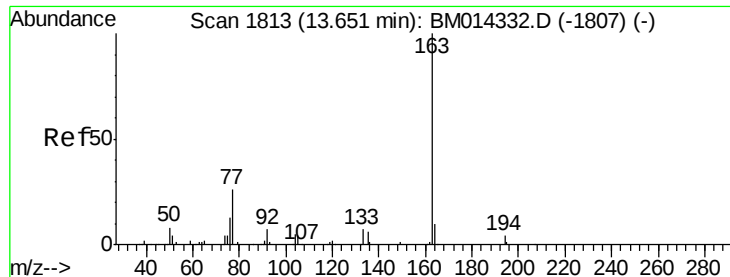
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 1.038 ng/ul

RT: 13.66 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BM014341.D

Acq: 23 Feb 2018 21:20

Instrument :

BNA_M

ClientSampleId :

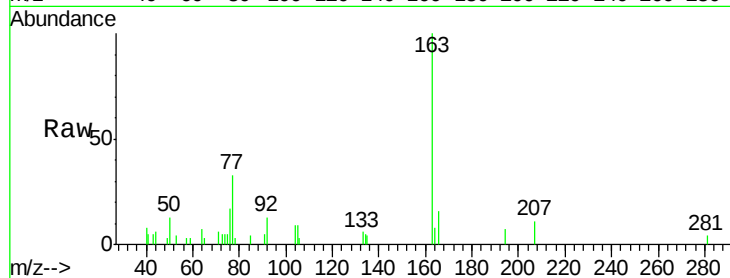
Tot Ion:163 Resp: 25976

Ion Ratio Lower Upper

163 100

194 6.9 3.5 5.3#

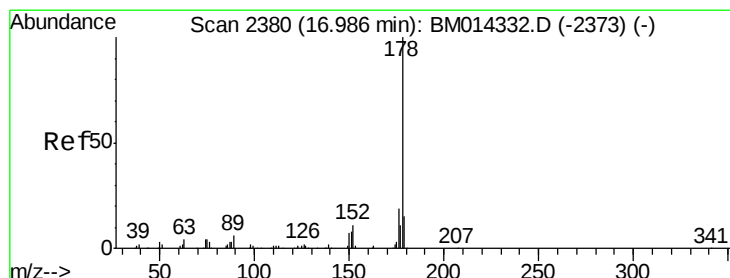
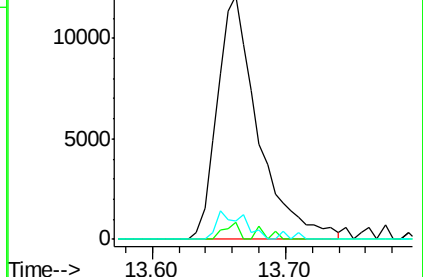
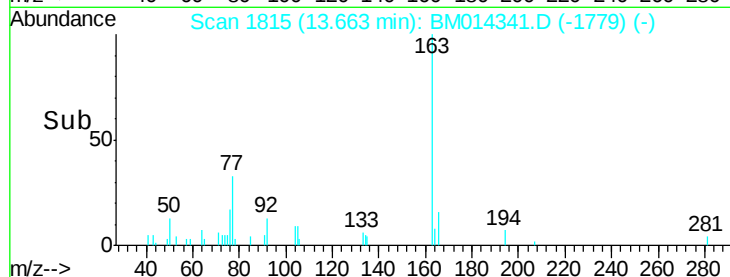
164 7.8 8.2 12.4#



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



#69

Phenanthrene

Concen: 1.343 ng/ul

RT: 16.98 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM014341.D

Acq: 23 Feb 2018 21:20

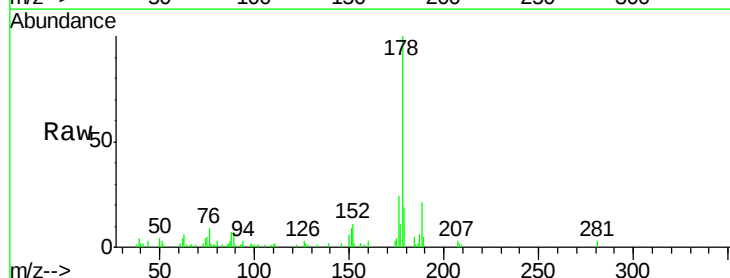
Tgt Ion:178 Resp: 50810

Ion Ratio Lower Upper

178 100

179 19.4 12.6 19.0#

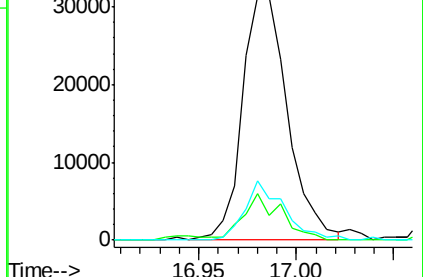
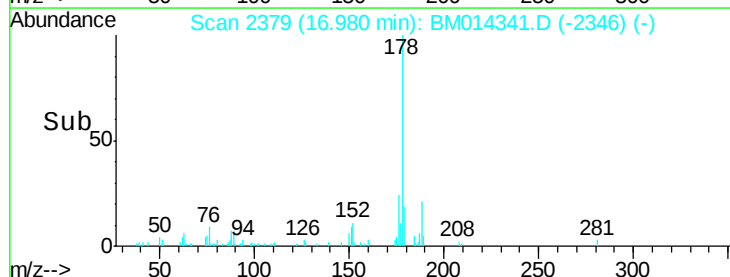
176 24.4 14.9 22.3#

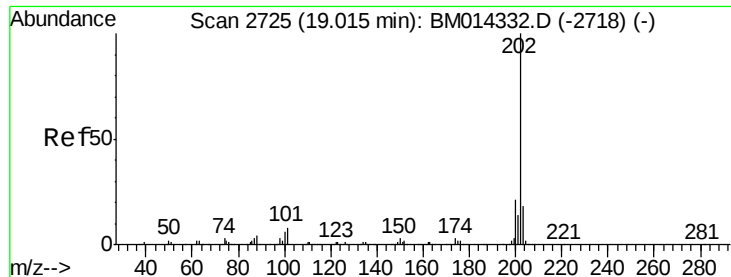


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.631 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM014341.D

Acq: 23 Feb 2018 21:20

Instrument :

BNA_M

ClientSampleId :

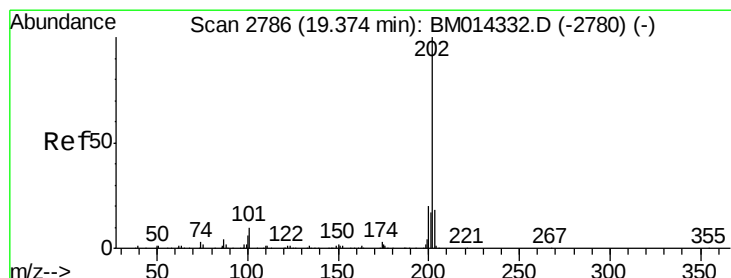
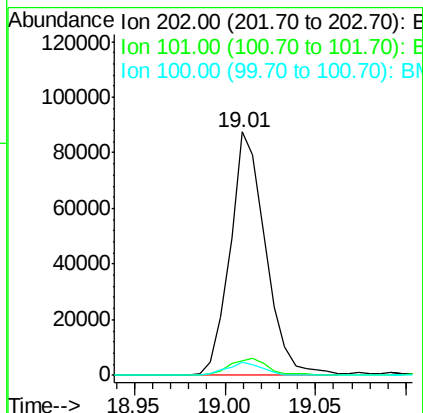
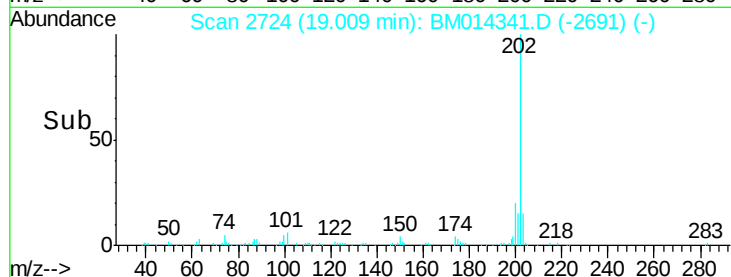
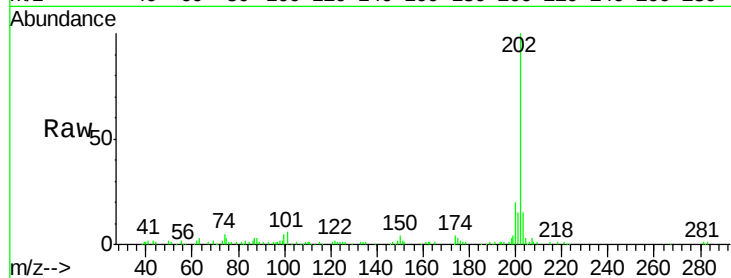
Tot Ion:202 Resp: 118879

Ion Ratio Lower Upper

202 100

101 6.1 4.6 7.0

100 5.3 3.4 5.2#



#77

Pyrene

Concen: 2.868 ng/ul

RT: 19.37 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM014341.D

Acq: 23 Feb 2018 21:20

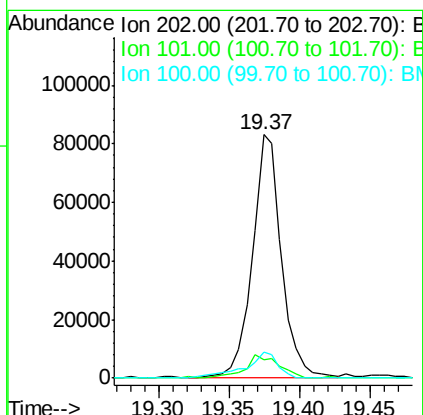
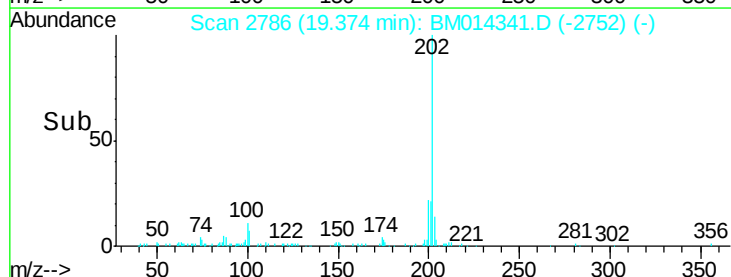
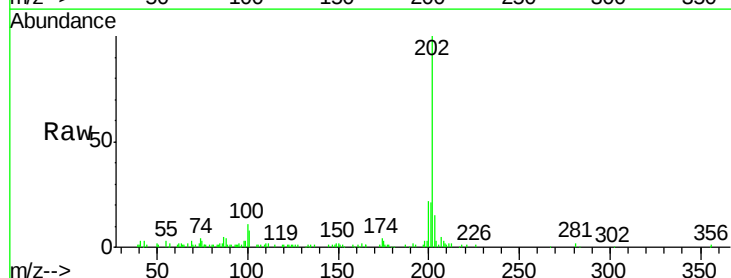
Tgt Ion:202 Resp: 120458

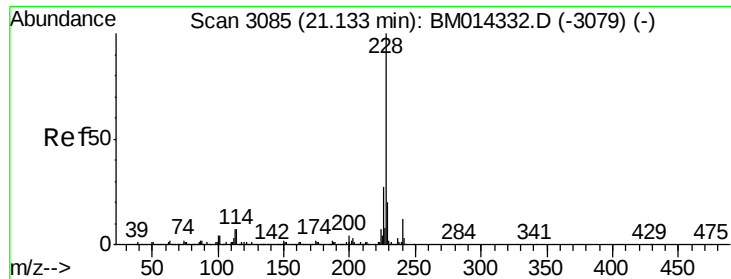
Ion Ratio Lower Upper

202 100

101 7.5 5.1 7.7

100 10.8 4.9 7.3#





#80

Benzo(a)anthracene

Concen: 1.842 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BM014341.D

Acq: 23 Feb 2018 21:20

Instrument :

BNA_M

ClientSampleId :

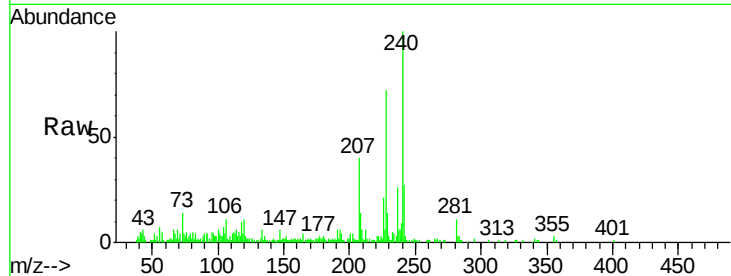
Tot Ion:228 Resp: 72668

Ion Ratio Lower Upper

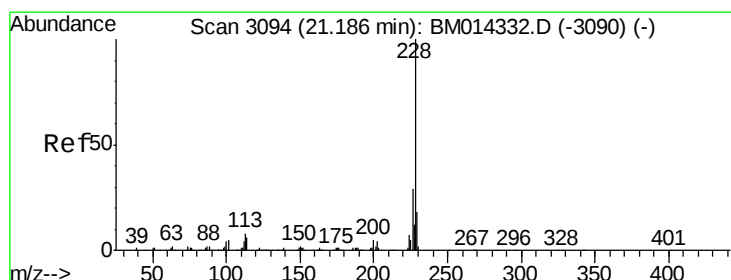
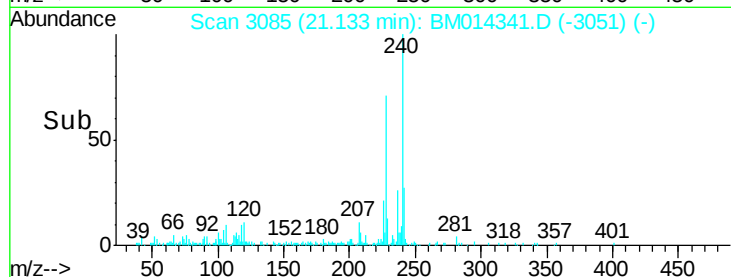
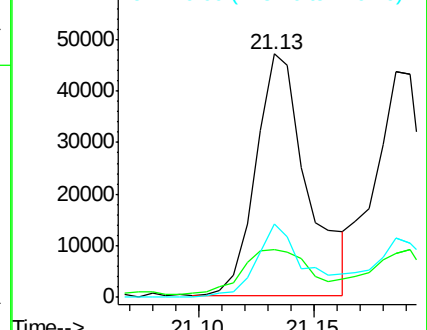
228 100

229 19.9 15.4 23.0

226 29.9 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



#82

Chrysene

Concen: 1.744 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM014341.D

Acq: 23 Feb 2018 21:20

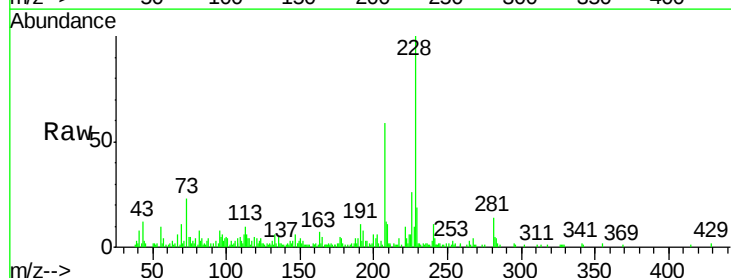
Tgt Ion:228 Resp: 64174

Ion Ratio Lower Upper

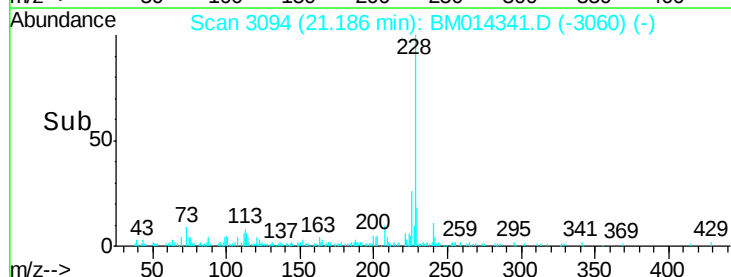
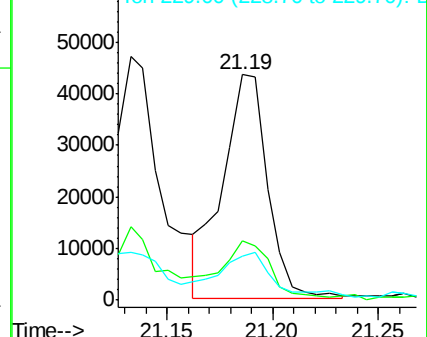
228 100

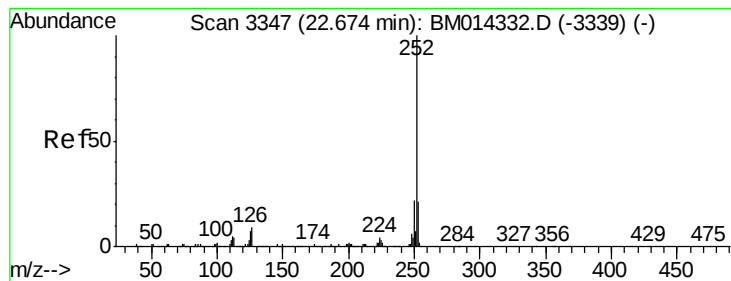
226 26.3 23.4 35.2

229 19.3 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: 2.359 ng/ul

RT: 22.68 min Scan# 3348

Delta R.T. 0.01 min

Lab File: BM014341.D

Acq: 23 Feb 2018 21:20

Instrument :

BNA_M

ClientSampleId :

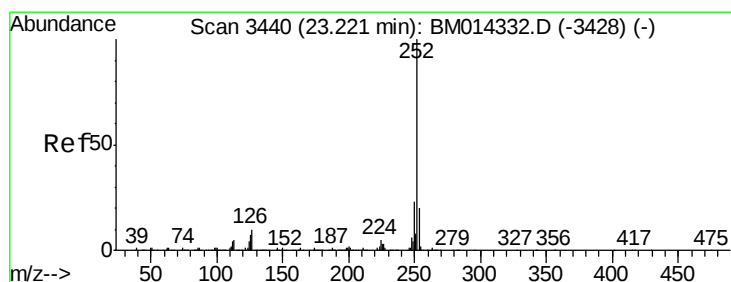
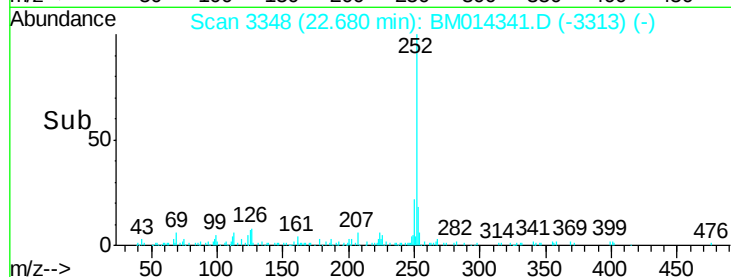
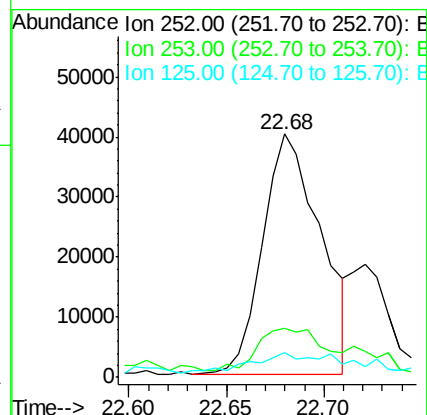
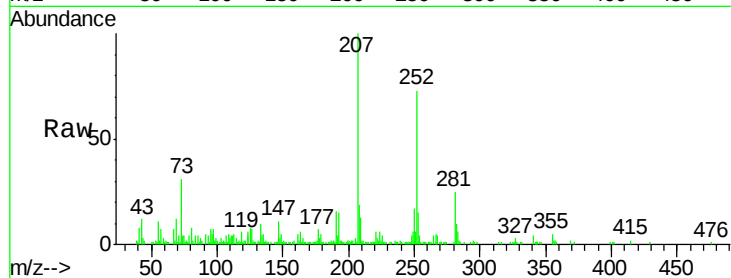
Tot Ion:252 Resp: 82732

Ion Ratio Lower Upper

252 100

253 20.1 17.9 26.9

125 10.4 3.6 5.4#



#88

Benzo(a)pyrene

Concen: 1.674 ng/ul

RT: 23.23 min Scan# 3442

Delta R.T. 0.01 min

Lab File: BM014341.D

Acq: 23 Feb 2018 21:20

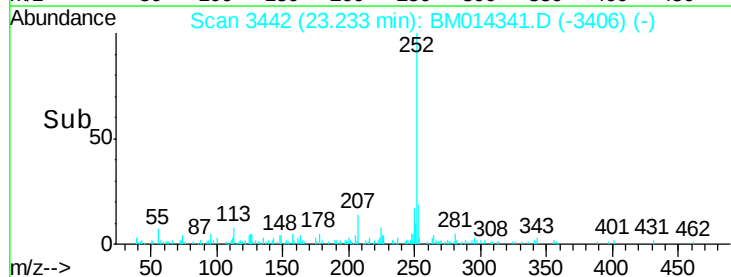
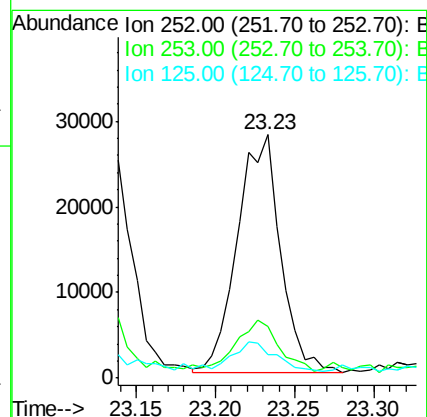
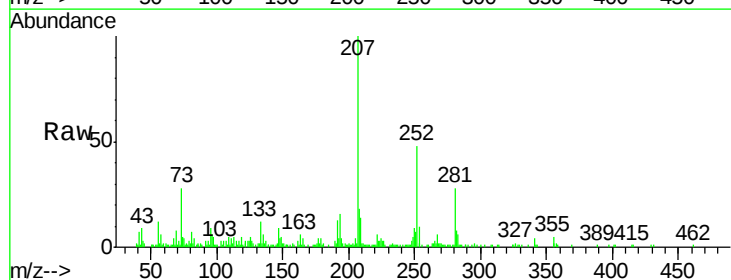
Tgt Ion:252 Resp: 52452

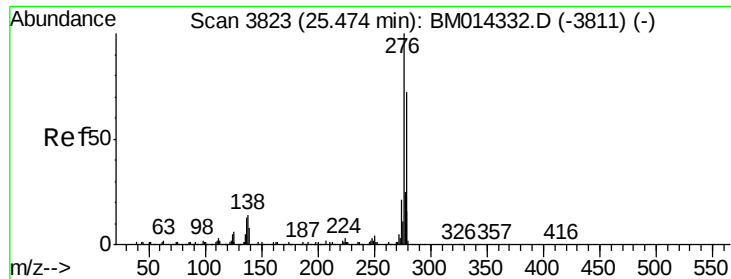
Ion Ratio Lower Upper

252 100

253 21.2 18.2 27.2

125 9.5 4.0 6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.179 ng/ul

RT: 25.48 min Scan# 3824

Delta R.T. 0.01 min

Lab File: BM014341.D

Acq: 23 Feb 2018 21:20

Instrument :

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ClientSampleId :

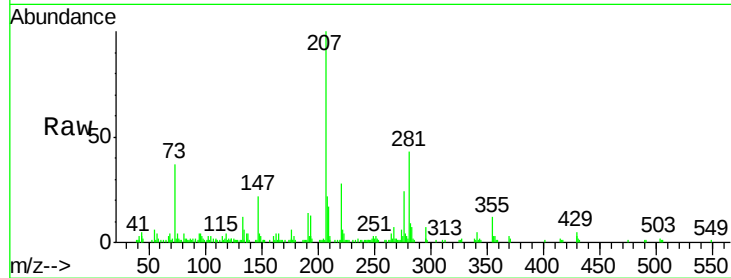
Tot Ion: 276 Resp: 35860

Ion Ratio Lower Upper

276 100

138 15.2 9.3 13.9#

277 17.7 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

