

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014480.D
 Acq On : 05 Mar 2018 19:36
 Operator : SJ/JU
 Sample : J1646-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 23:58:40 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	76437	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	271958	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	163533	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	354521	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	339356	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	304363	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	504	0.28	ng/uL	-0.01
5) Phenol-d5	6.77	99	2433	0.38	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.89	67	3866	0.99	ng/ul	0.02
9) 2-Chlorophenol-d4	7.07	132	2795	0.56	ng/ul	0.01
13) 4-Methylphenol-d8	8.28	113	582	0.10	ng/ul	0.03
19) Nitrobenzene-d5	8.69	128	560	0.28	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	1304	0.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	1631	0.38	ng/ul	0.08
29) 4-Chloroaniline-d4	10.52	131	861	0.20	ng/ul	0.07
43) Dimethylphthalate-d6	13.62	166	19785	1.47	ng/ul	0.02
46) Acenaphthylene-d8	13.87	160	26009	1.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	239	0.13	ng/ul	0.14
57) Fluorene-d10	15.19	176	17158	1.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.05	188	26236	1.53	ng/ul	0.00
76) Pyrene-d10	19.36	212	30647	1.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	23394	1.58	ng/ul	0.00

Target Compounds

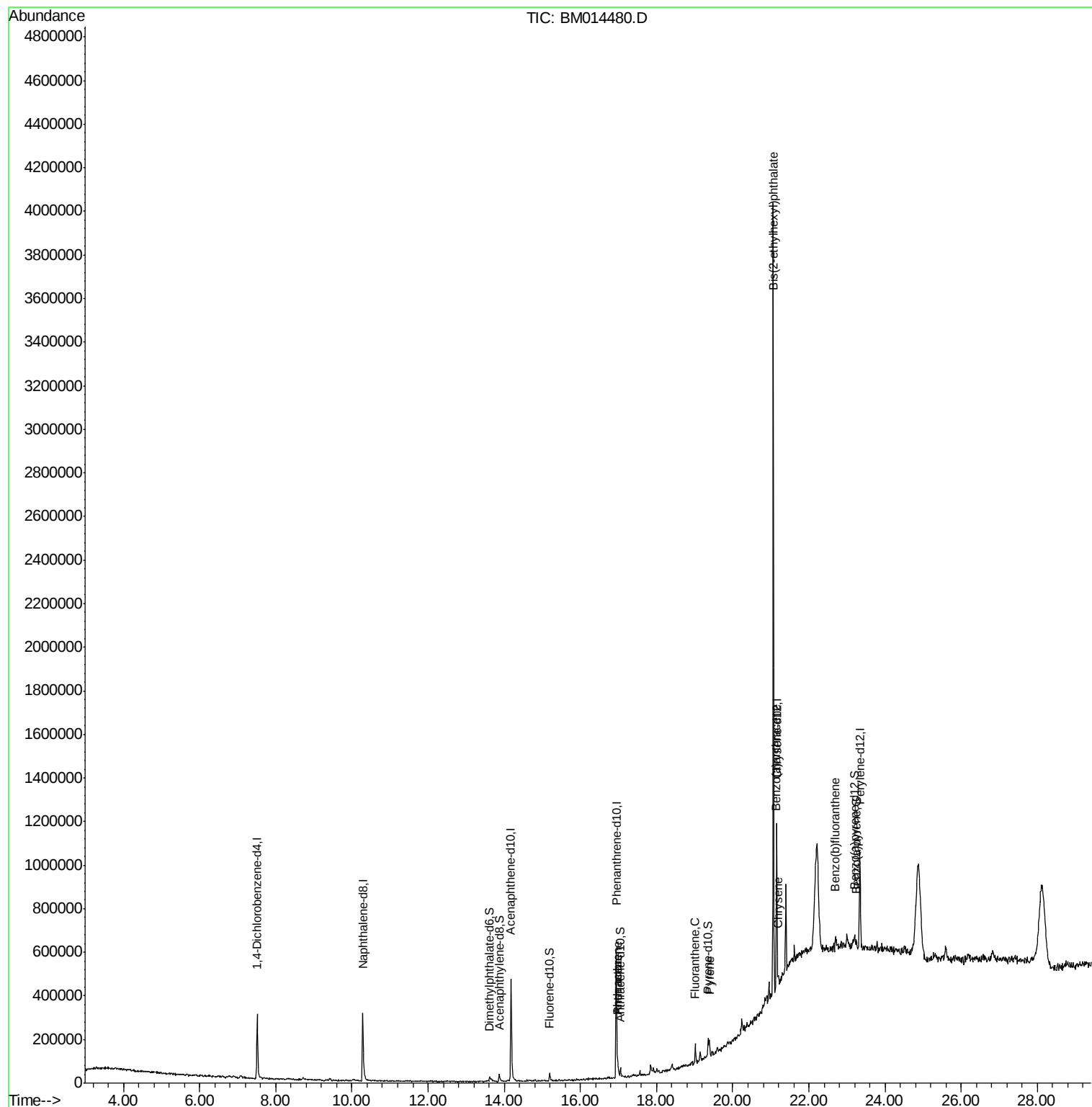
					Ovalue	
69) Phenanthrene	16.99	178	24675	1.208	ng/ul	99
71) Anthracene	16.99	178	24675	1.201	ng/ul	97
74) Fluoranthene	19.02	202	49661	2.035	ng/ul#	92
77) Pyrene	19.39	202	44061	1.954	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	23011	1.086	ng/ul#	81
81) Bis(2-ethylhexyl)phthalate	21.07	149	1087952	81.464	ng/ul#	95
82) Chrysene	21.19	228	25752	1.303	ng/ul	93
85) Benzo(b)fluoranthene	22.69	252	34479	1.692	ng/ul#	90
88) Benzo(a)pyrene	23.25	252	19455	1.068	ng/ul#	70

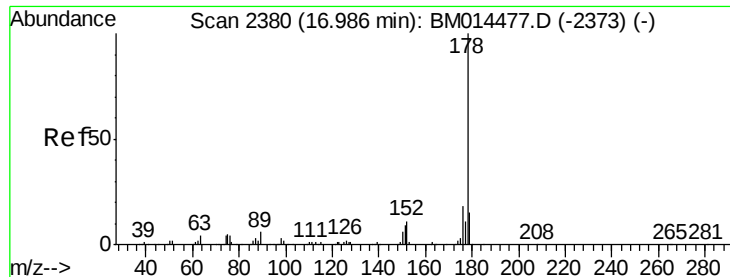
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

Phenanthrene

Concen: 1.208 ng/ul

RT: 16.99 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BM014480.D

Acq: 05 Mar 2018 19:36

Instrument :

BNA_M

ClientSampleId :

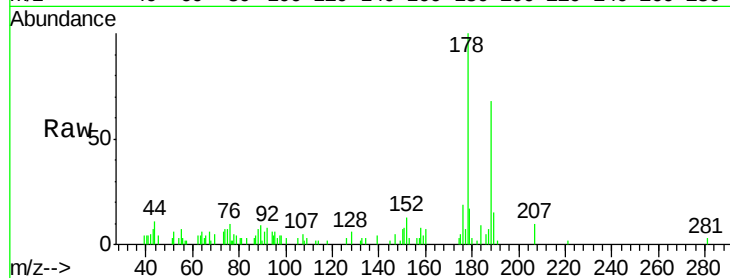
Tot Ion:178 Resp: 24675

Ion Ratio Lower Upper

178 100

179 16.8 12.6 19.0

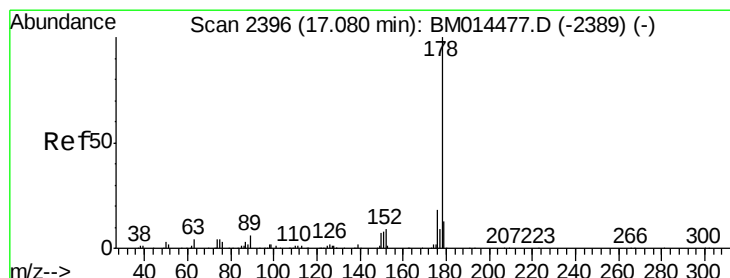
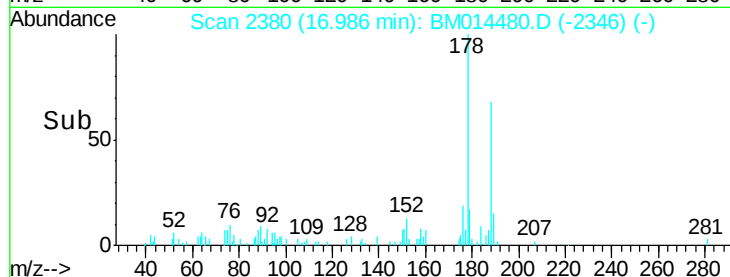
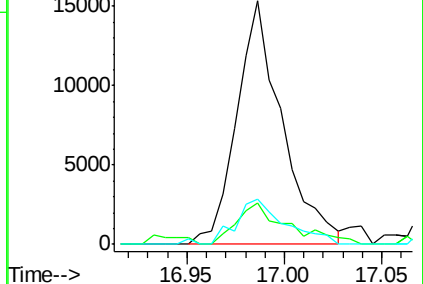
176 18.8 14.9 22.3



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: 1.201 ng/ul

RT: 16.99 min Scan# 2380

Delta R.T. -0.09 min

Lab File: BM014480.D

Acq: 05 Mar 2018 19:36

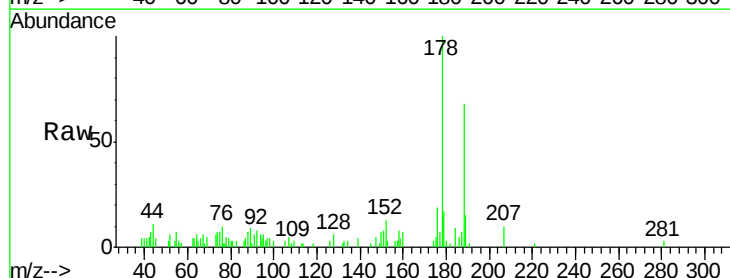
Tgt Ion:178 Resp: 24675

Ion Ratio Lower Upper

178 100

179 16.8 11.7 17.5

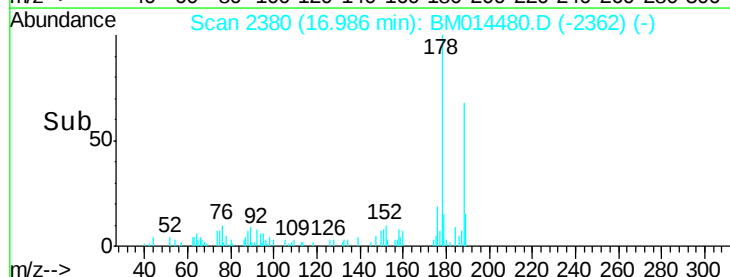
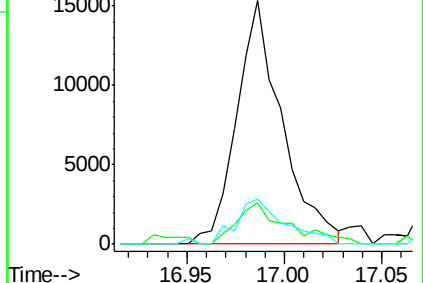
176 18.8 14.6 21.8

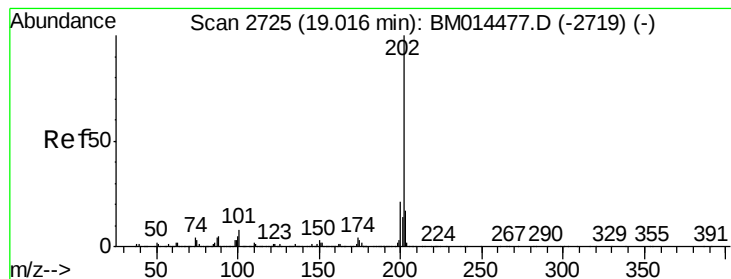


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.035 ng/ul

RT: 19.02 min Scan# 2725

Delta R.T. 0.00 min

Lab File: BM014480.D

Acq: 05 Mar 2018 19:36

Instrument :

BNA_M

ClientSampleId :

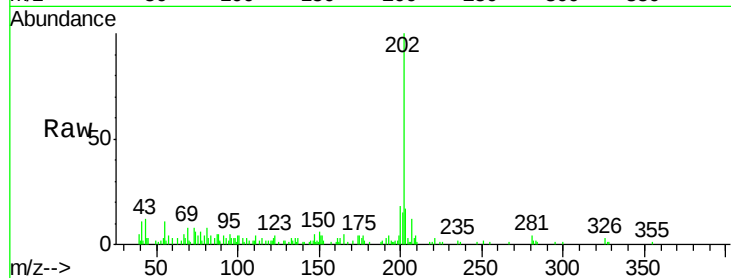
Tot Ion:202 Resp: 49661

Ion Ratio Lower Upper

202 100

101 4.2 4.6 7.0#

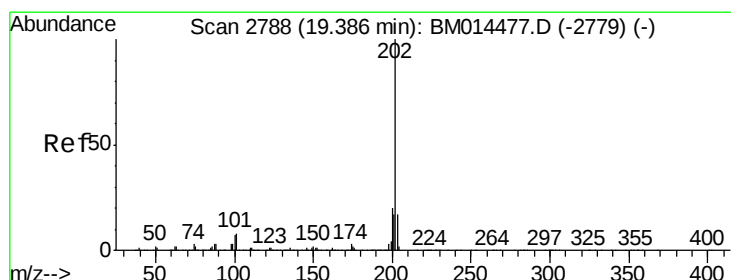
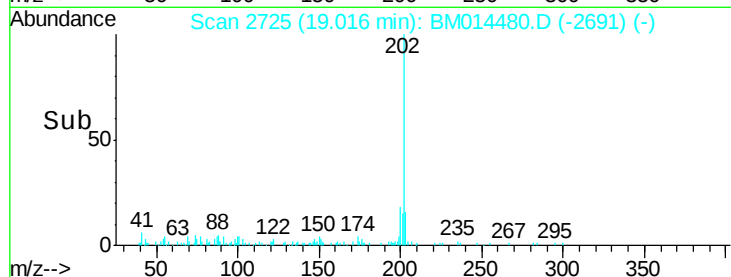
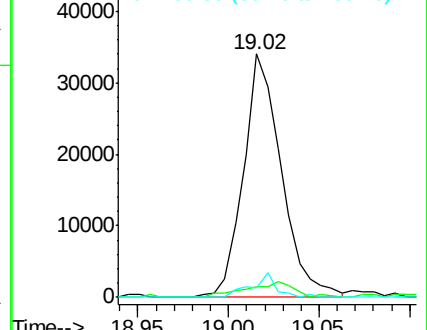
100 8.1 3.4 5.2#



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: 1.954 ng/ul

RT: 19.39 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BM014480.D

Acq: 05 Mar 2018 19:36

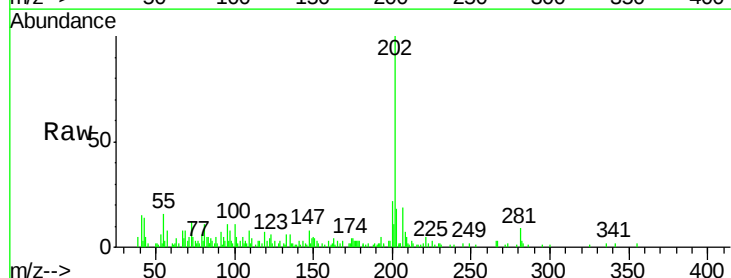
Tgt Ion:202 Resp: 44061

Ion Ratio Lower Upper

202 100

101 7.4 5.1 7.7

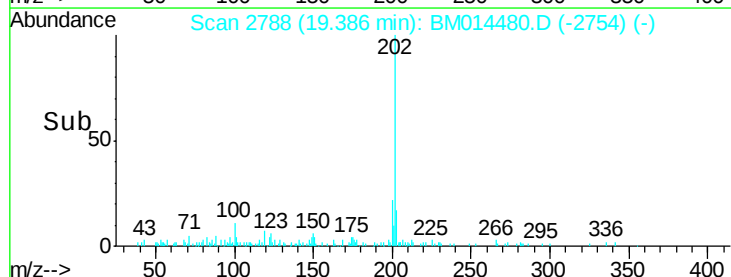
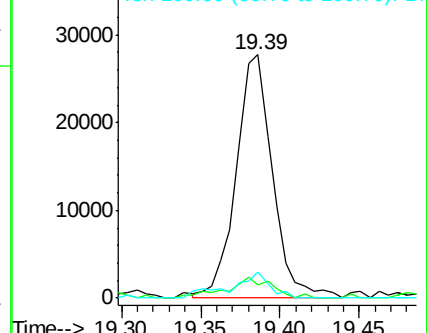
100 10.8 4.9 7.3#

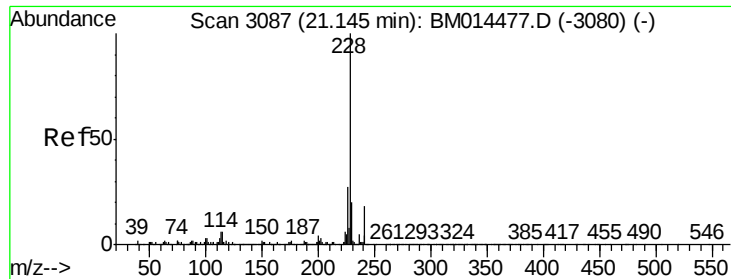


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.086 ng/ul

RT: 21.14 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM014480.D

Acq: 05 Mar 2018 19:36

Instrument :

BNA_M

ClientSampleId :

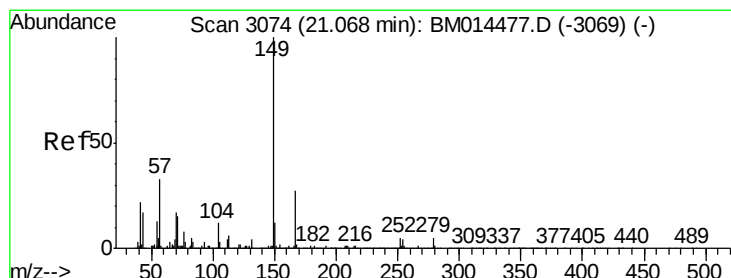
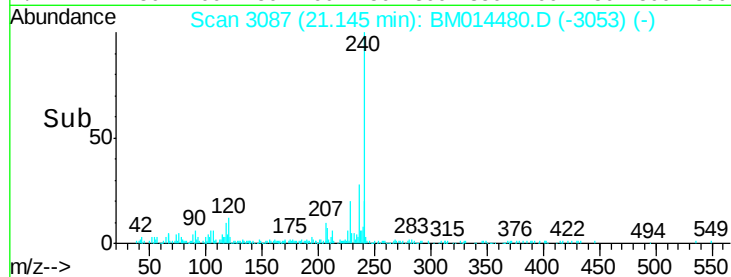
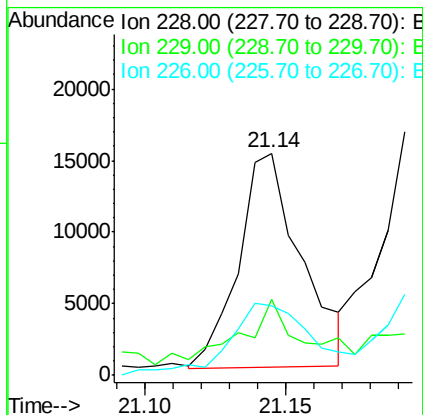
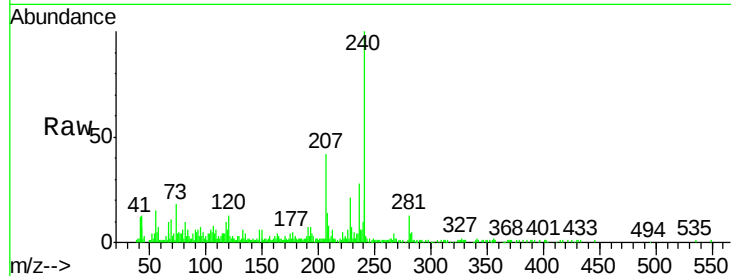
Tot Ion:228 Resp: 23011

Ion Ratio Lower Upper

228 100

229 34.0 15.4 23.0#

226 31.2 21.4 32.0



#81

Bis(2-ethylhexyl)phthalate

Concen: 81.464 ng/ul

RT: 21.07 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BM014480.D

Acq: 05 Mar 2018 19:36

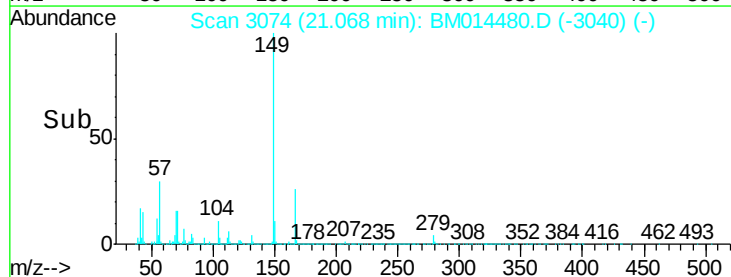
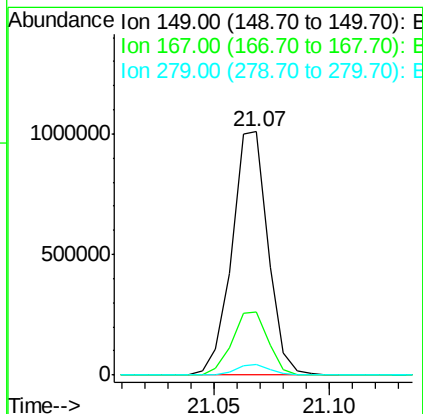
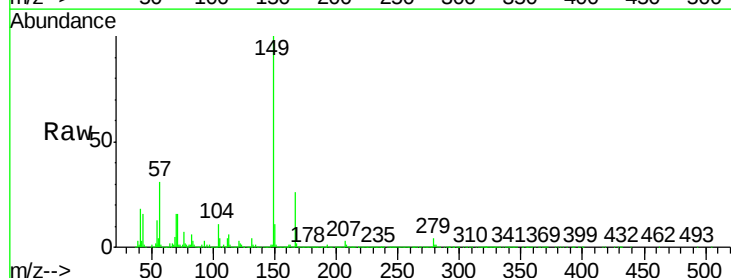
Tgt Ion:149 Resp: 1087952

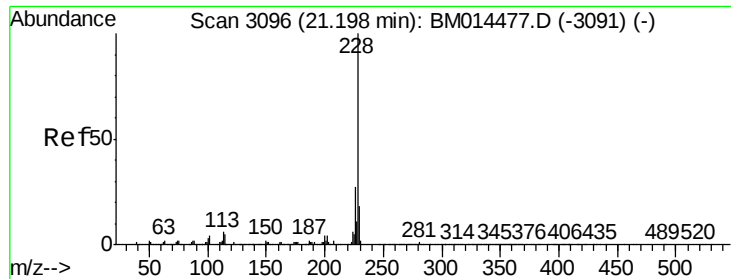
Ion Ratio Lower Upper

149 100

167 25.8 22.8 34.2

279 4.4 4.9 7.3#





#82

Chrysene

Concen: 1.303 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM014480.D

Acq: 05 Mar 2018 19:36

Instrument :

BNA_M

ClientSampleId :

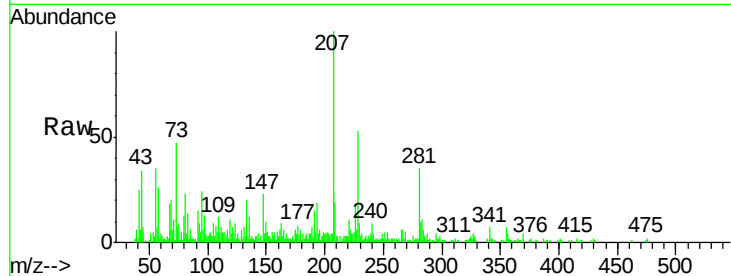
Tot Ion:228 Resp: 25752

Ion Ratio Lower Upper

228 100

226 33.2 23.4 35.2

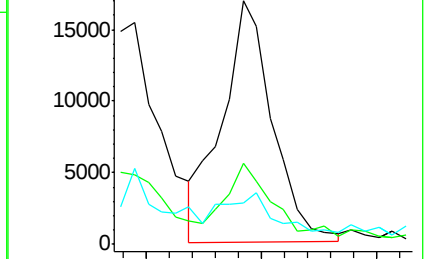
229 16.8 15.5 23.3



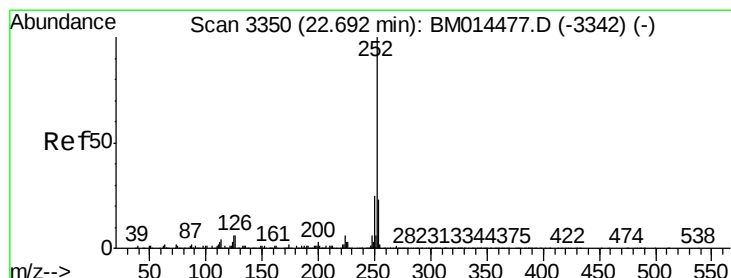
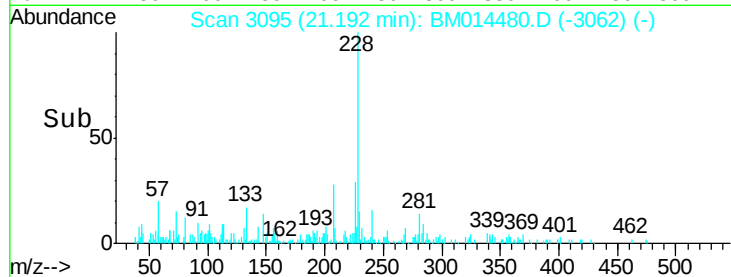
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#85

Benzo(b)fluoranthene

Concen: 1.692 ng/ul

RT: 22.69 min Scan# 3350

Delta R.T. 0.00 min

Lab File: BM014480.D

Acq: 05 Mar 2018 19:36

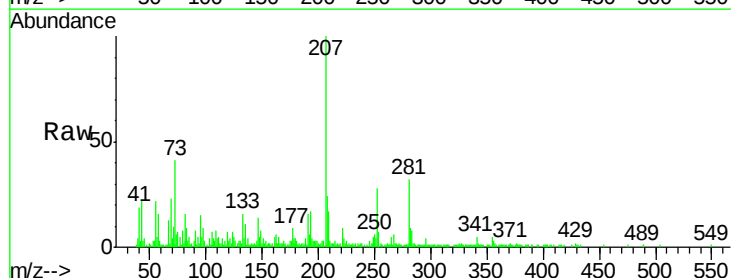
Tgt Ion:252 Resp: 34479

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

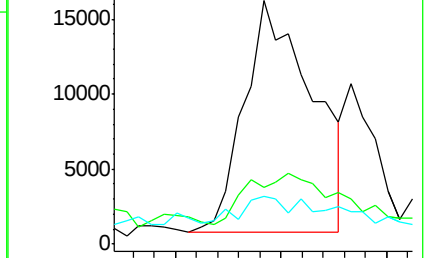
125 19.8 3.6 5.4#



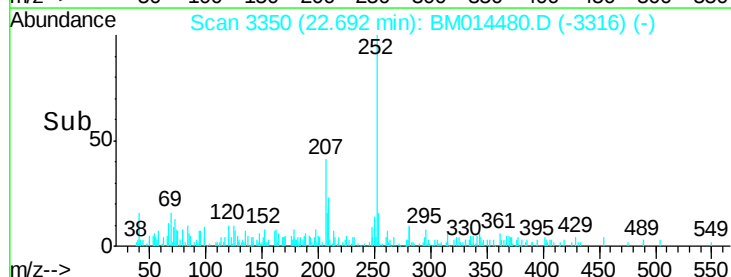
Abundance Ion 252.00 (251.70 to 252.70): E

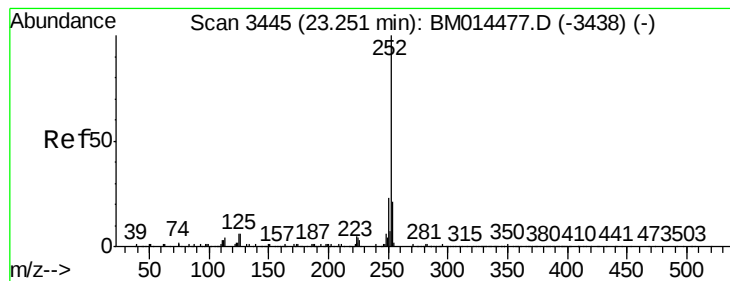
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#88

Benzo(a)pyrene

Concen: 1.068 ng/ul

RT: 23.25 min Scan# 3445

Delta R.T. -0.00 min

Lab File: BM014480.D

Acq: 05 Mar 2018 19:36

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 19455

Ion Ratio Lower Upper

252 100

253 38.4 18.2 27.2#

125 12.0 4.0 6.0#

