

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010521.D
 Acq On : 11 Jun 2017 12:34
 Operator : SJ/MA
 Sample : I3558-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C61

Quant Time: Jun 12 09:09:52 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 09:00:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	137111	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	510837	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	371141	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1000107	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1576486	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1628994	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	6425	1.92	ng/uL	0.00
5) Phenol-d5	7.07	99	112533	10.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	67156	11.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	107230	12.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	97853	11.67	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	46311	12.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	57301	13.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	133836	15.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	121004	14.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	463761	15.04	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	487713	13.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	58671	12.72	ng/ul	0.00
57) Fluorene-d10	15.52	176	402327	14.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	79173	11.18	ng/ul	0.00
70) Anthracene-d10	17.37	188	703740	14.46	ng/ul	0.00
76) Pyrene-d10	19.66	212	940457	14.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1109883	14.63	ng/ul	0.00

Target Compounds

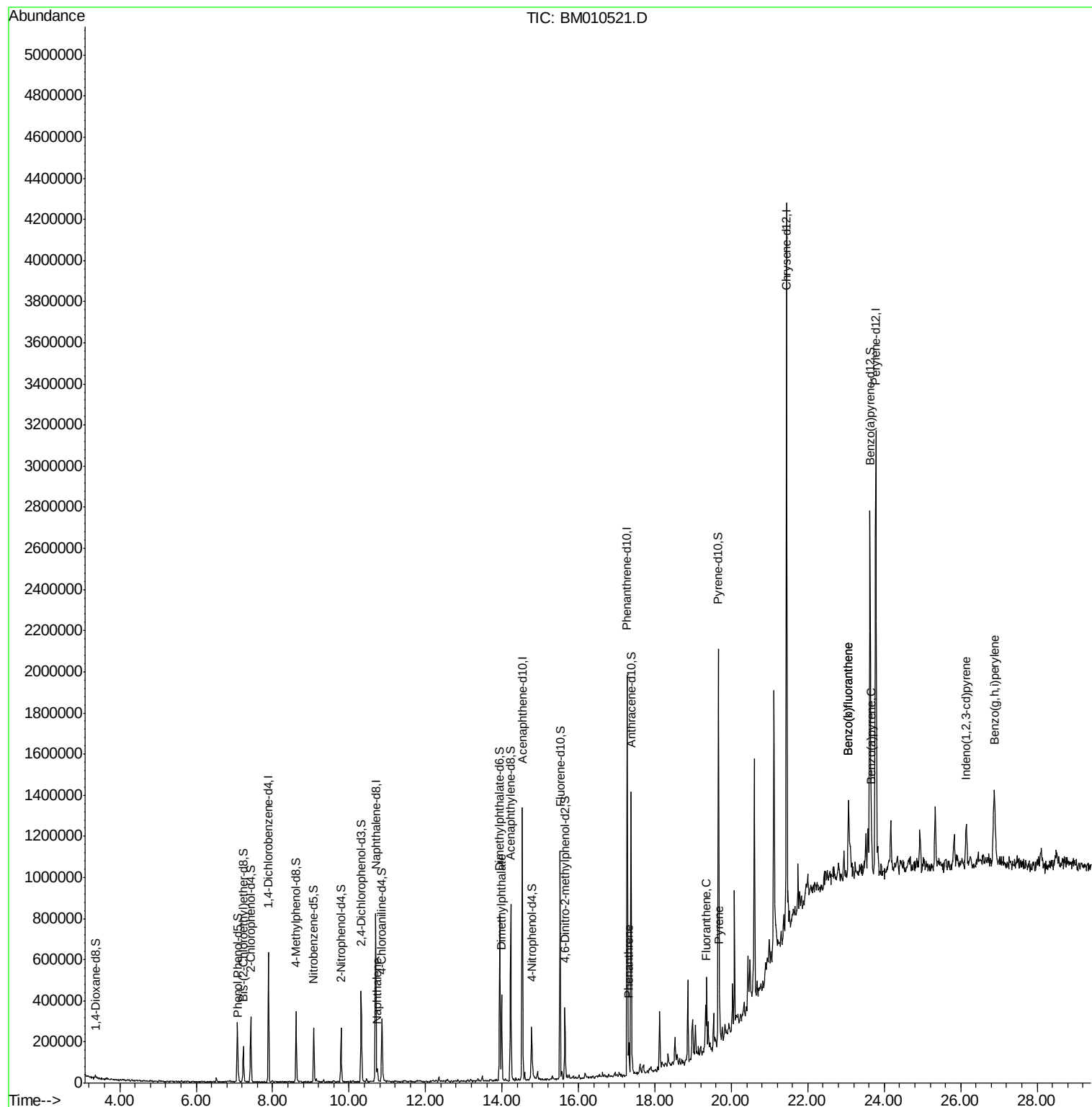
					Qvalue	
6) Phenol	7.10	94	11174	1.049	ng/ul#	85
28) Naphthalene	10.75	128	35281	1.377	ng/ul#	93
44) Dimethylphthalate	13.99	163	222283	7.330	ng/ul	99
69) Phenanthrene	17.32	178	80524	1.508	ng/ul	96
74) Fluoranthene	19.33	202	133564	2.034	ng/ul#	98
77) Pyrene	19.69	202	114191	1.406	ng/ul#	93
85) Benzo(b)fluoranthene	23.07	252	354373	3.739	ng/ul	97
86) Benzo(k)fluoranthene	23.07	252	354373	3.913	ng/ul	95
88) Benzo(a)pyrene	23.67	252	171706	1.828	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.14	276	210777	1.776	ng/ul#	94
91) Benzo(g,h,i)perylene	26.89	276	184593	1.888	ng/ul#	96

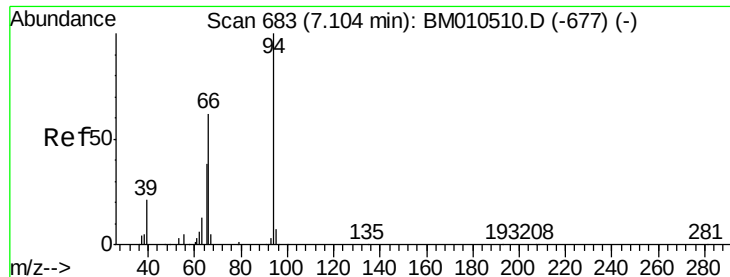
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.049 ng/ul

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM010521.D

Acq: 11 Jun 2017 12:34

Instrument :

BNA_M

ClientSampleId :

F5C61

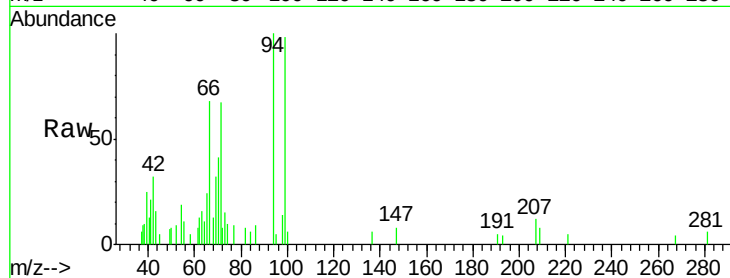
Tgt Ion: 94 Resp: 11174

Ion Ratio Lower Upper

94 100

65 23.8 28.2 42.4#

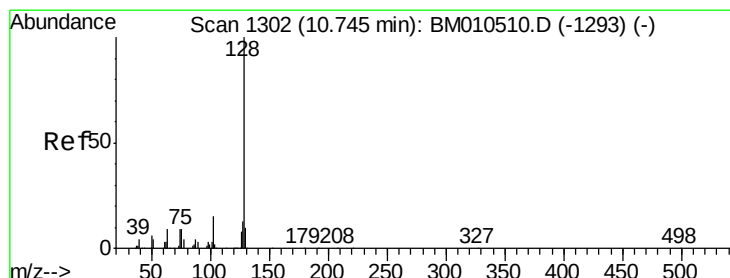
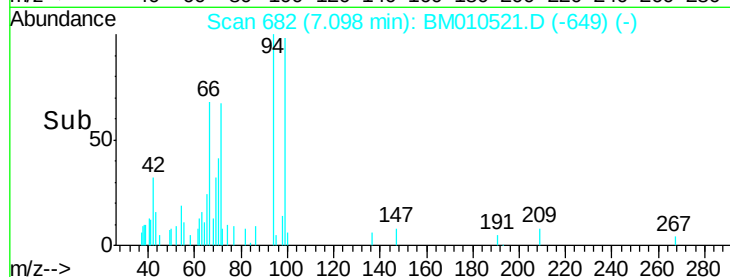
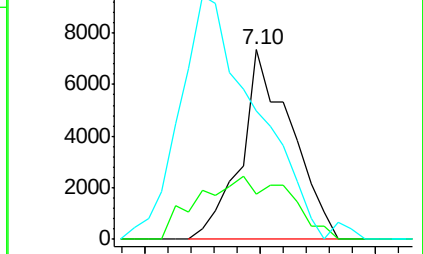
66 68.0 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010521.D (-677) (-)

Ion 65.00 (64.70 to 65.70): BM010521.D (-677) (-)

Ion 66.00 (65.70 to 66.70): BM010521.D (-677) (-)



#28

Naphthalene

Concen: 1.377 ng/ul

RT: 10.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BM010521.D

Acq: 11 Jun 2017 12:34

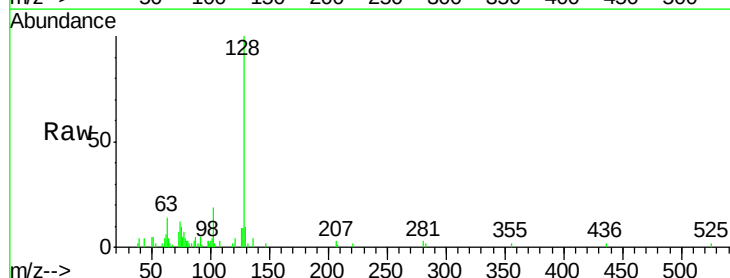
Tgt Ion: 128 Resp: 35281

Ion Ratio Lower Upper

128 100

129 9.7 8.8 13.2

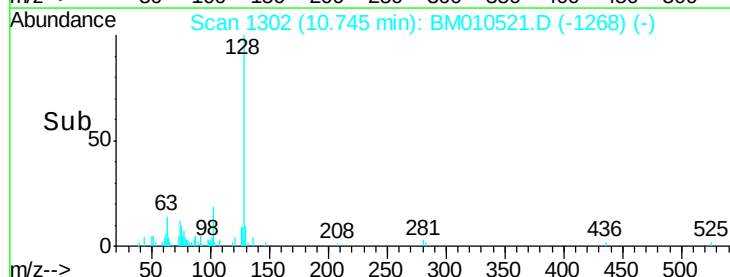
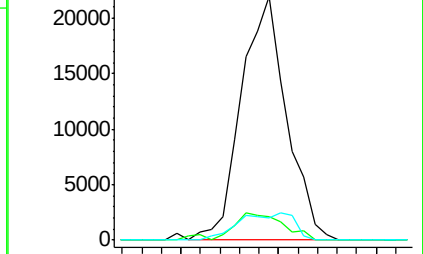
127 9.2 10.6 16.0#

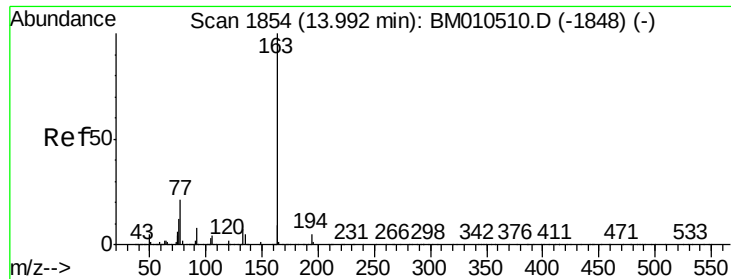


Abundance Ion 128.00 (127.70 to 128.70): BM010521.D (-1293) (-)

Ion 129.00 (128.70 to 129.70): BM010521.D (-1293) (-)

Ion 127.00 (126.70 to 127.70): BM010521.D (-1293) (-)





#44

Dimethylphthalate

Concen: 7.330 ng/ul

RT: 13.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM010521.D

Acq: 11 Jun 2017 12:34

Instrument :

BNA_M

ClientSampleId :

F5C61

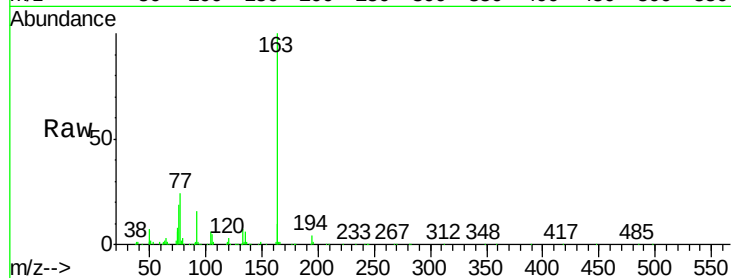
Tgt Ion:163 Resp: 222283

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

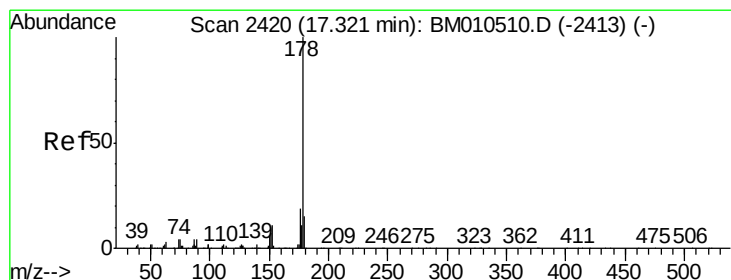
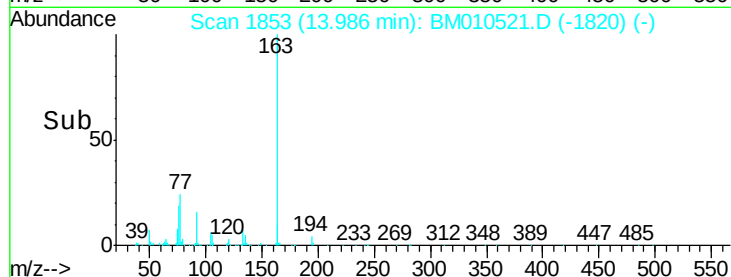
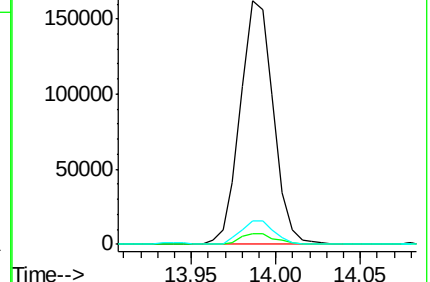
164 9.7 8.2 12.4



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: 1.508 ng/ul

RT: 17.32 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM010521.D

Acq: 11 Jun 2017 12:34

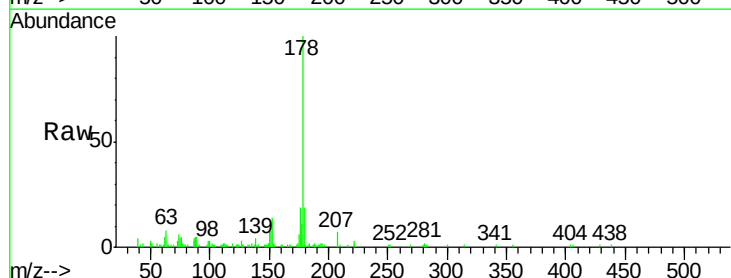
Tgt Ion:178 Resp: 80524

Ion Ratio Lower Upper

178 100

179 18.7 12.6 19.0

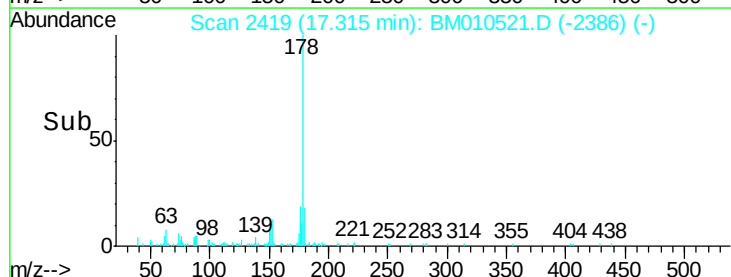
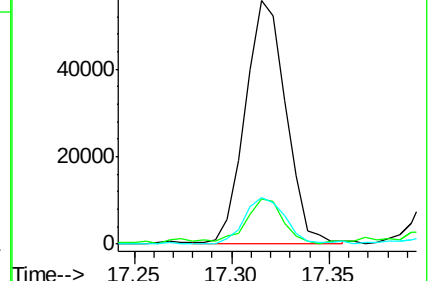
176 18.9 14.9 22.3

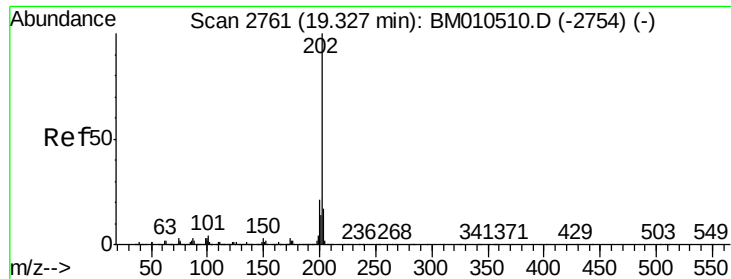


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.034 ng/ul

RT: 19.33 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BM010521.D

Acq: 11 Jun 2017 12:34

Instrument :

BNA_M

ClientSampleId :

F5C61

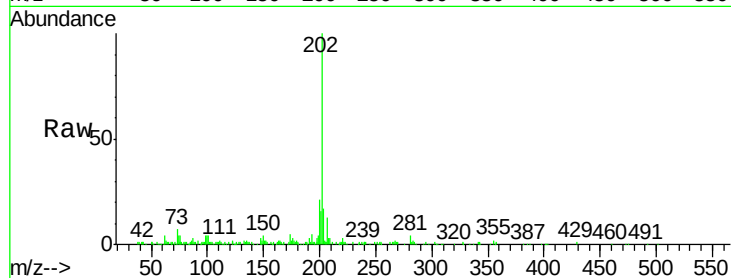
Tgt Ion:202 Resp: 133564

Ion Ratio Lower Upper

202 100

101 4.5 4.6 7.0#

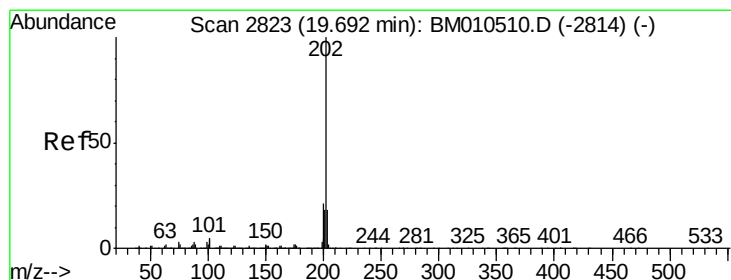
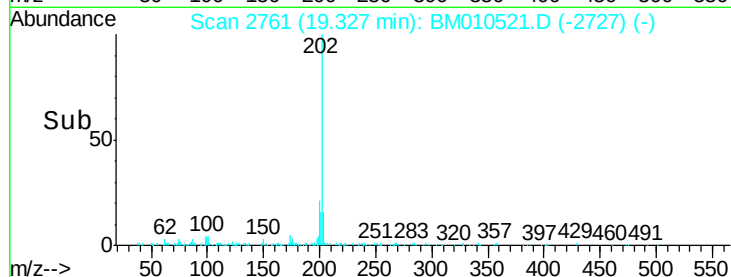
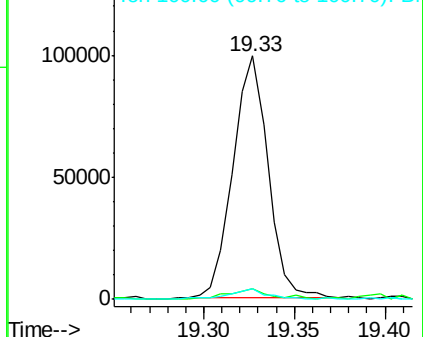
100 4.3 3.4 5.2



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: 1.406 ng/ul

RT: 19.69 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM010521.D

Acq: 11 Jun 2017 12:34

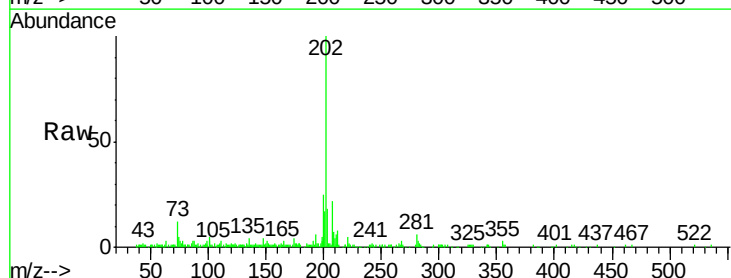
Tgt Ion:202 Resp: 114191

Ion Ratio Lower Upper

202 100

101 5.2 5.1 7.7

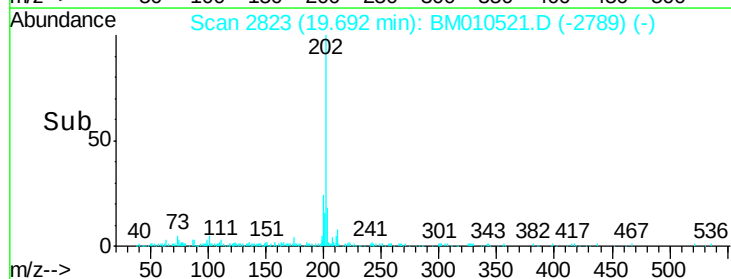
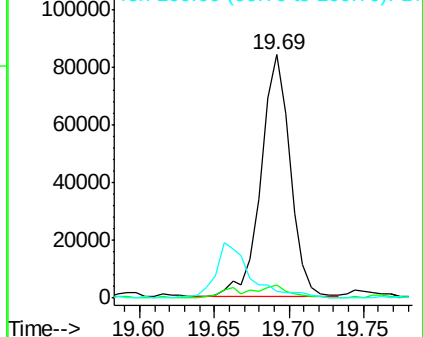
100 2.8 4.9 7.3#

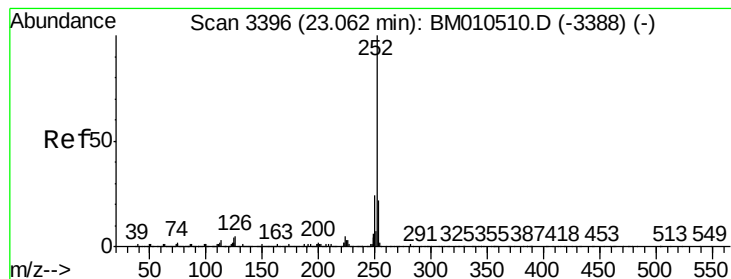


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#85

Benzo(b)fluoranthene

Concen: 3.739 ng/ul

RT: 23.07 min Scan# 3397

Delta R.T. 0.01 min

Lab File: BM010521.D

Acq: 11 Jun 2017 12:34

Instrument :

BNA_M

ClientSampleId :

F5C61

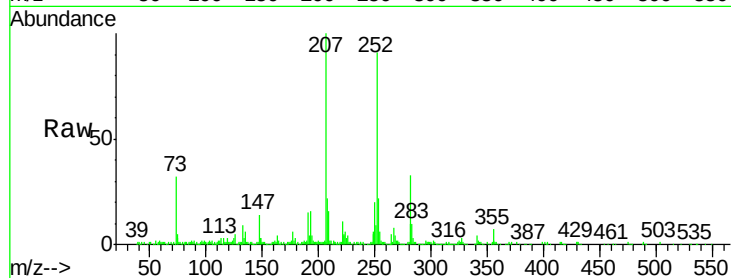
Tgt Ion:252 Resp: 354373

Ion Ratio Lower Upper

252 100

253 23.9 17.9 26.9

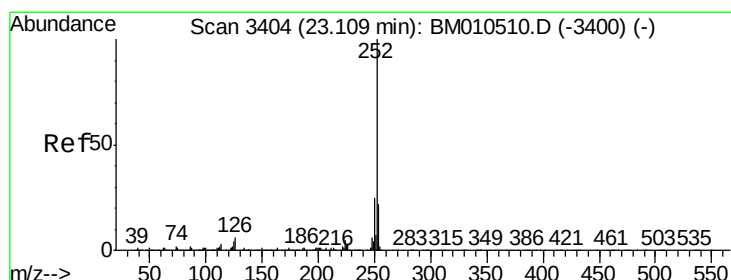
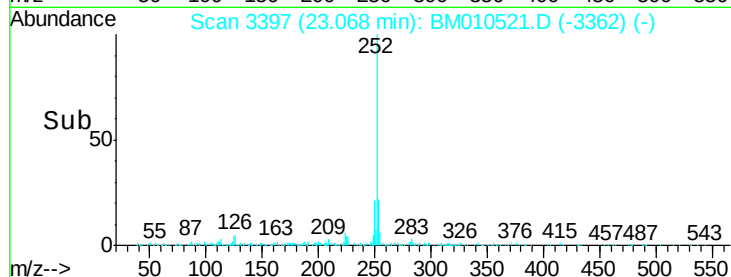
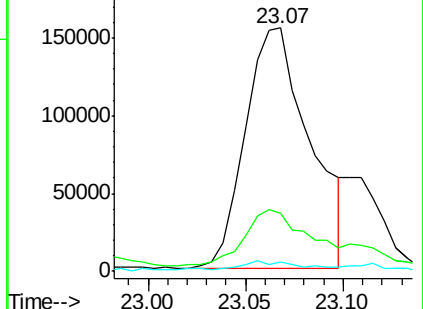
125 3.8 3.6 5.4



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



#86

Benzo(k)fluoranthene

Concen: 3.913 ng/ul

RT: 23.07 min Scan# 3397

Delta R.T. -0.04 min

Lab File: BM010521.D

Acq: 11 Jun 2017 12:34

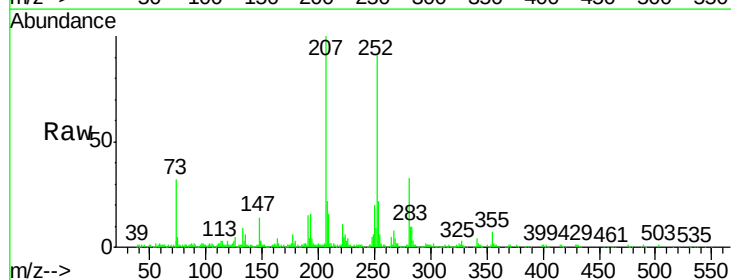
Tgt Ion:252 Resp: 354373

Ion Ratio Lower Upper

252 100

253 23.9 17.1 25.7

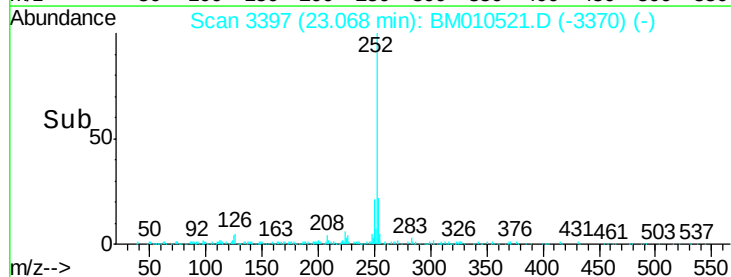
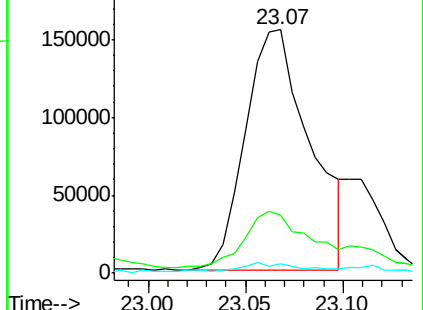
125 3.8 3.4 5.2

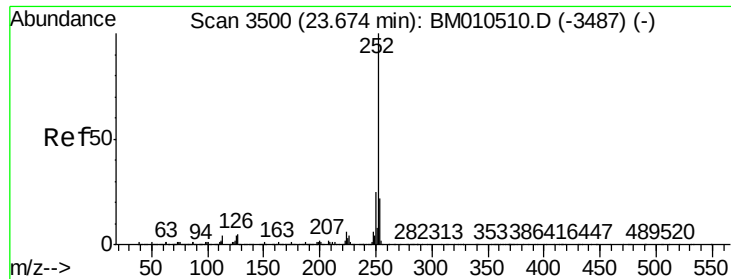


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.828 ng/ul

RT: 23.67 min Scan# 3499

Delta R.T. -0.01 min

Lab File: BM010521.D

Acq: 11 Jun 2017 12:34

Instrument :

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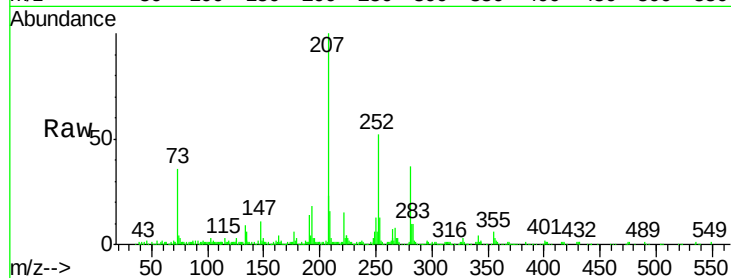
Tgt Ion: 252 Resp: 171706

Ion Ratio Lower Upper

252 100

253 24.3 18.2 27.2

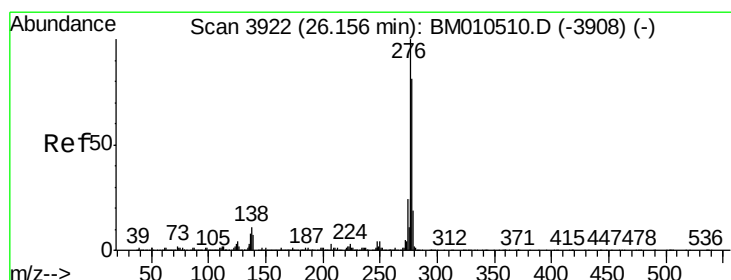
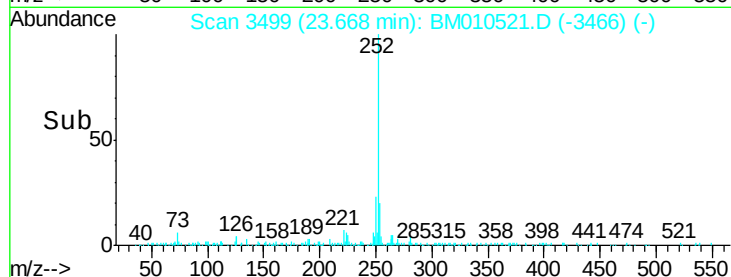
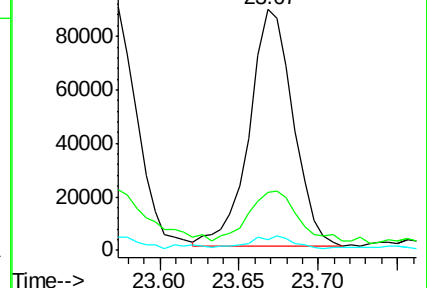
125 4.2 4.0 6.0



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: 1.776 ng/ul

RT: 26.14 min Scan# 3920

Delta R.T. -0.01 min

Lab File: BM010521.D

Acq: 11 Jun 2017 12:34

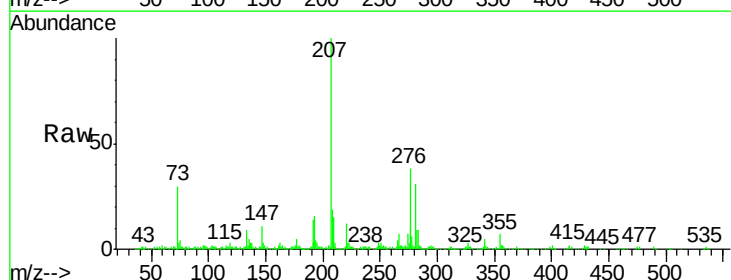
Tgt Ion: 276 Resp: 210777

Ion Ratio Lower Upper

276 100

138 7.3 9.3 13.9#

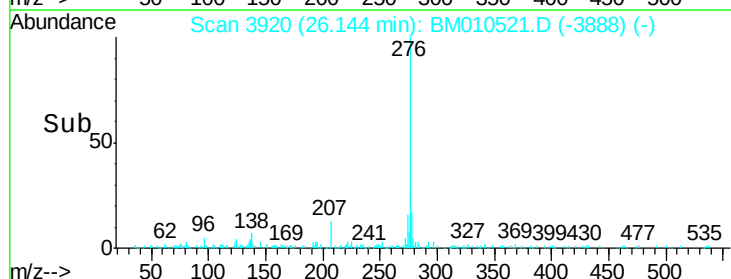
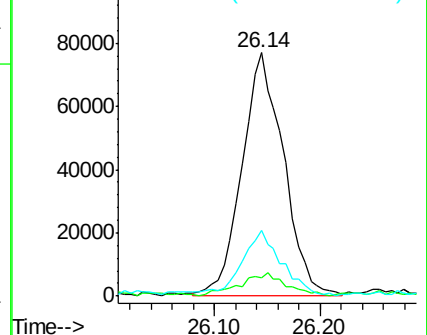
277 26.9 19.9 29.9

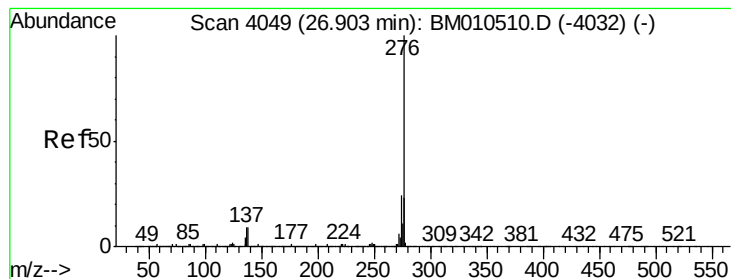


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.888 ng/ul

RT: 26.89 min Scan# 4046

Delta R.T. -0.02 min

Lab File: BM010521.D

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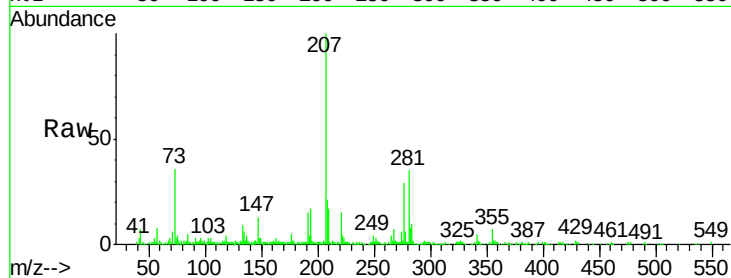
Tgt Ion: 276 Resp: 184593

Ion Ratio Lower Upper

276 100

138 8.5 8.5 12.7#

277 21.5 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

