

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
 Data File : BM010448.D
 Acq On : 09 Jun 2017 11:52
 Operator : SJ/MA
 Sample : I3521-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B88

Quant Time: Jun 10 01:47:03 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 10 01:45:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	247078	20.00	ng/ul	0.00
18) Naphthalene-d8	10.71	136	939370	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	620904	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1443244	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1573003	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1580683	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	18827	3.13	ng/uL	0.00
5) Phenol-d5	7.09	99	317679	16.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	180718	17.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.44	132	267898	17.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	267645	17.72	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	129397	18.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	155538	19.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	323579	19.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	335109	21.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	1125852	21.82	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1213721	20.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	76923	9.97	ng/ul	0.00
57) Fluorene-d10	15.53	176	956608	21.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	122845	12.02	ng/ul	0.00
70) Anthracene-d10	17.39	188	1424763	20.29	ng/ul	0.00
76) Pyrene-d10	19.67	212	1633891	25.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1534337	20.85	ng/ul	0.00

Target Compounds

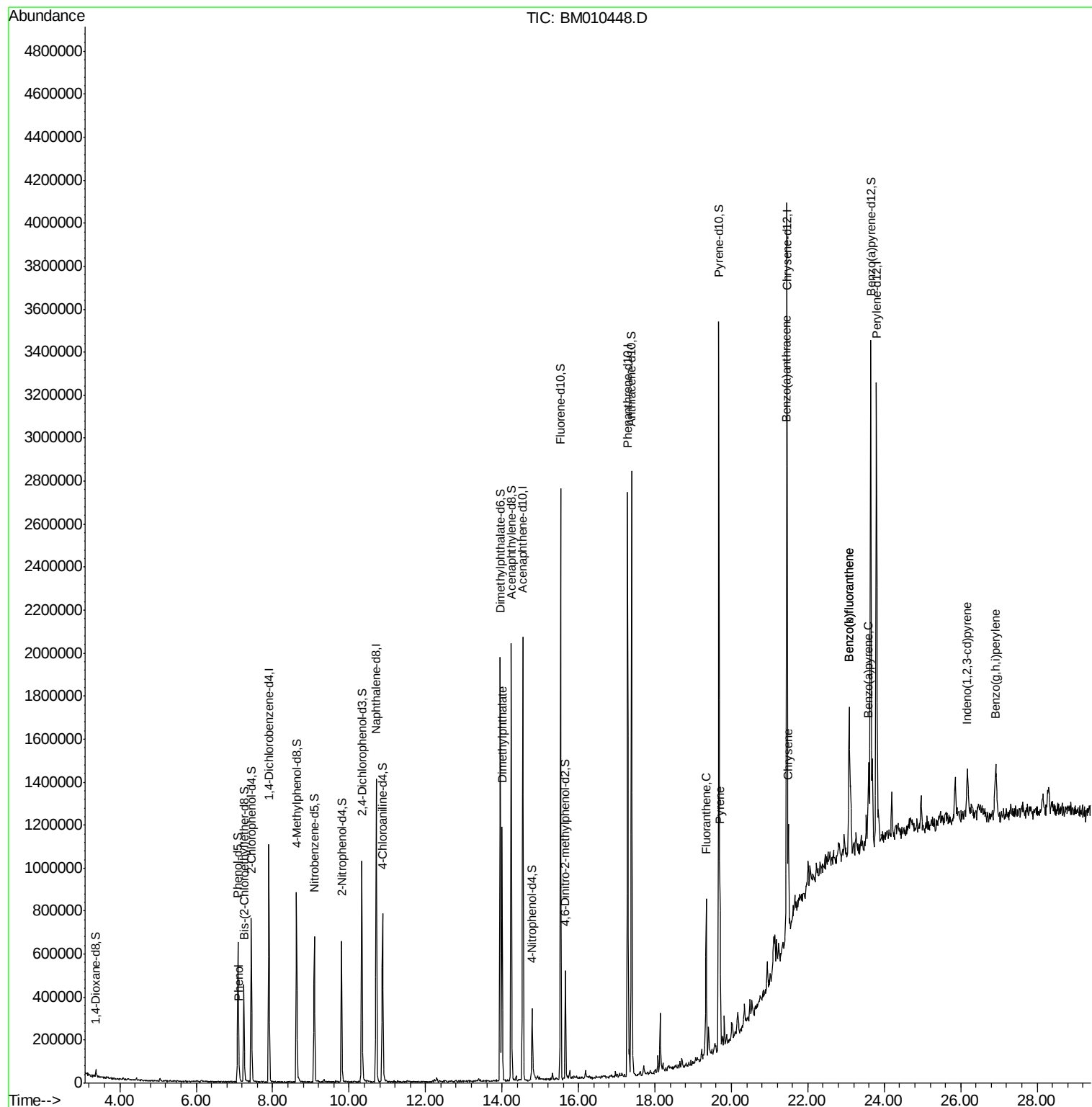
					Qvalue	
6) Phenol	7.12	94	29263	1.525	ng/ul#	79
44) Dimethylphthalate	14.00	163	643530	12.684	ng/ul	99
74) Fluoranthene	19.34	202	451966	4.770	ng/ul#	96
77) Pyrene	19.70	202	481398	5.939	ng/ul#	95
80) Benzo(a)anthracene	21.44	228	289616	3.265	ng/ul	96
82) Chrysene	21.49	228	325298	4.057	ng/ul	98
85) Benzo(b)fluoranthene	23.08	252	598600	6.508	ng/ul	94
86) Benzo(k)fluoranthene	23.08	252	598600	6.813	ng/ul	93
88) Benzo(a)pyrene	23.59	252	273240	2.997	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.18	276	218630	1.898	ng/ul	98
91) Benzo(g,h,i)perylene	26.92	276	176576	1.861	ng/ul	94

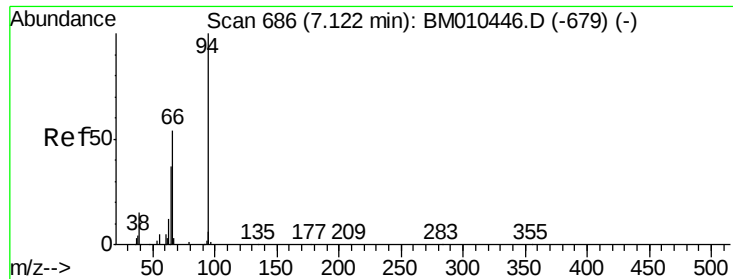
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.525 ng/ul

RT: 7.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM010448.D

Acq: 09 Jun 2017 11:52

Instrument :

BNA_M

ClientSampleId :

F5B88

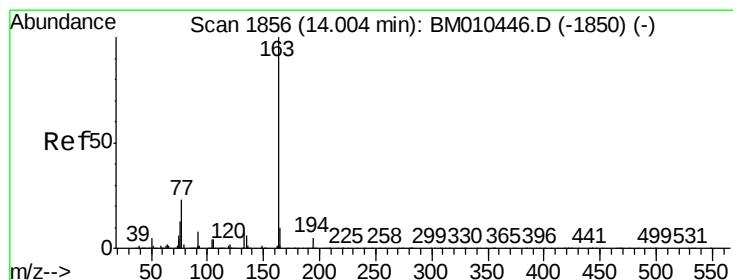
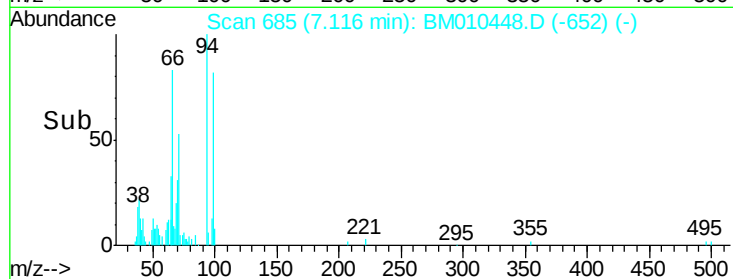
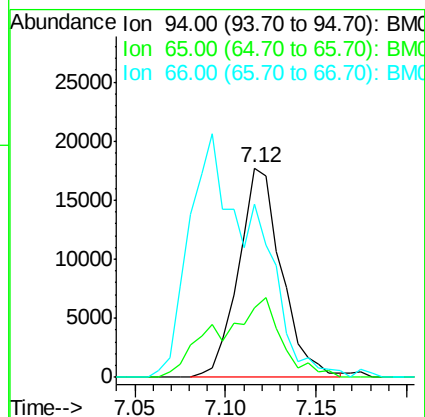
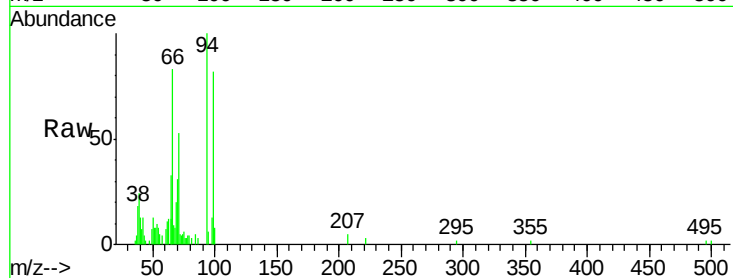
Tgt Ion: 94 Resp: 29263

Ion Ratio Lower Upper

94 100

65 33.3 28.2 42.4

66 83.0 47.2 70.8#



#44

Dimethylphthalate

Concen: 12.684 ng/ul

RT: 14.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BM010448.D

Acq: 09 Jun 2017 11:52

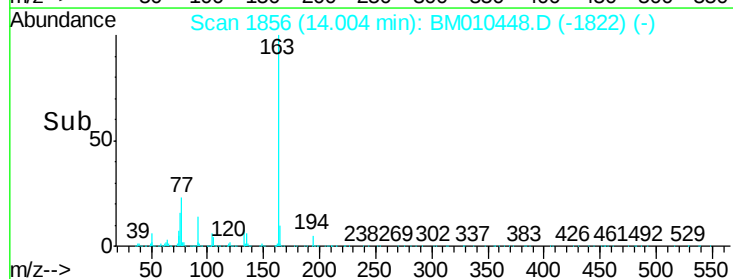
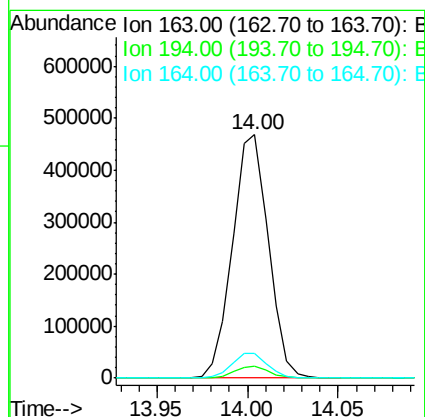
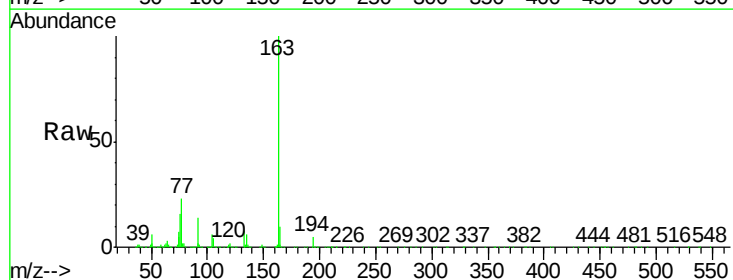
Tgt Ion: 163 Resp: 643530

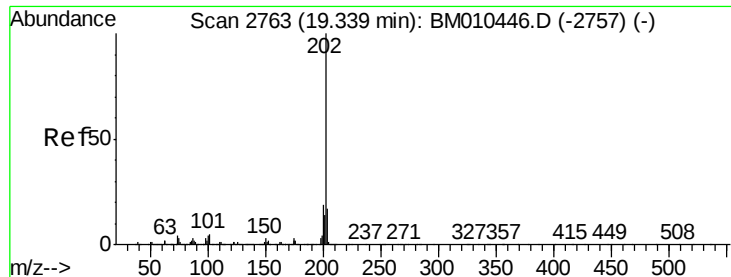
Ion Ratio Lower Upper

163 100

194 5.1 3.5 5.3

164 10.0 8.2 12.4

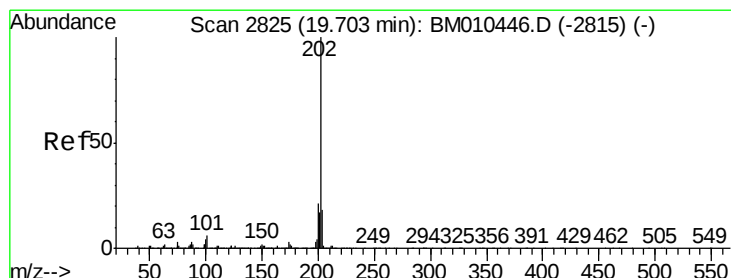
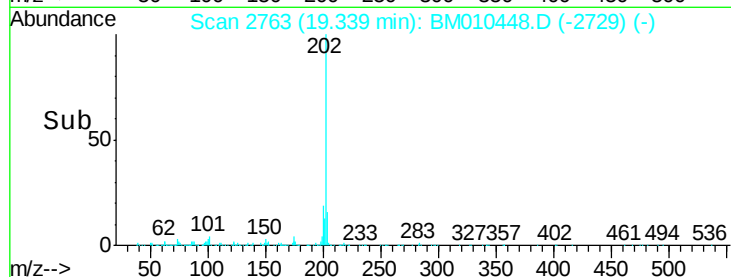
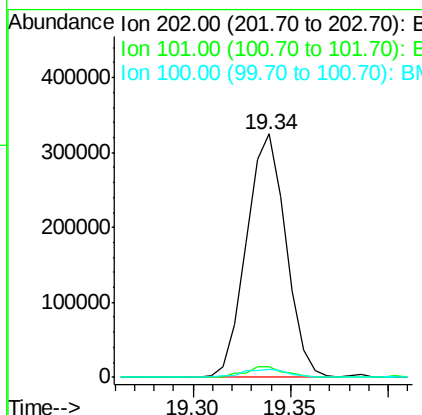
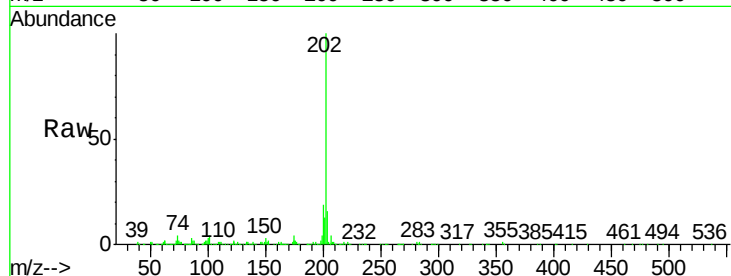




#74
Fluoranthene
Concen: 4.770 ng/ul
RT: 19.34 min Scan# 2763
Delta R.T. 0.00 min
Lab File: BM010448.D
Acq: 09 Jun 2017 11:52

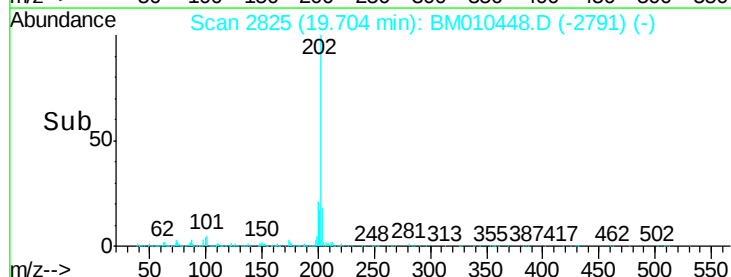
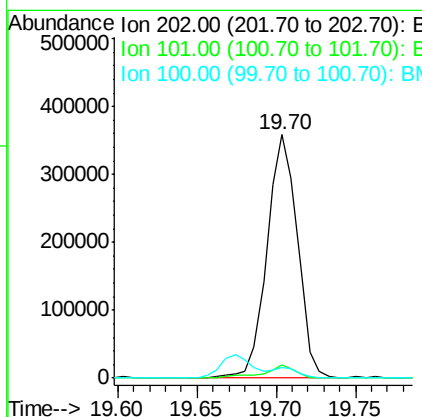
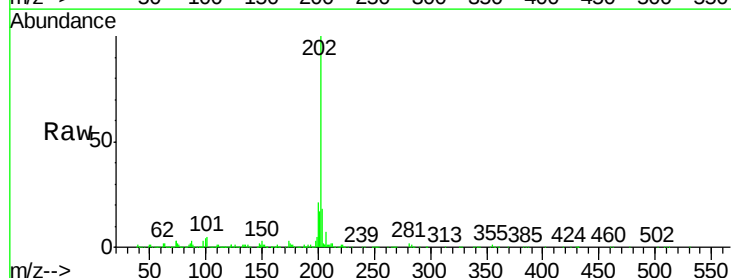
Instrument :
BNA_M
ClientSampled :
F5B88

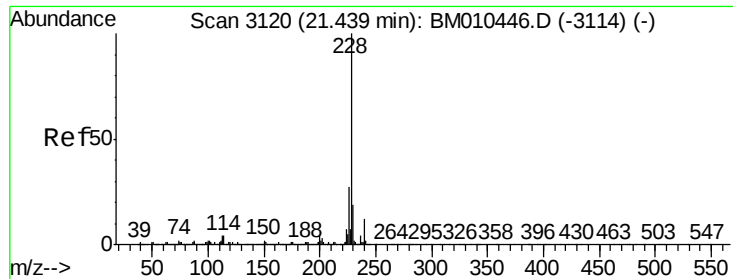
Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.4	4.6	7.0#
100	3.3	3.4	5.2#



#77
Pyrene
Concen: 5.939 ng/ul
RT: 19.70 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM010448.D
Acq: 09 Jun 2017 11:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.2	5.1	7.7
100	4.2	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 3.265 ng/ul

RT: 21.44 min Scan# 3120

Delta R.T. 0.00 min

Lab File: BM010448.D

Acq: 09 Jun 2017 11:52

Instrument :

BNA_M

ClientSampleId :

F5B88

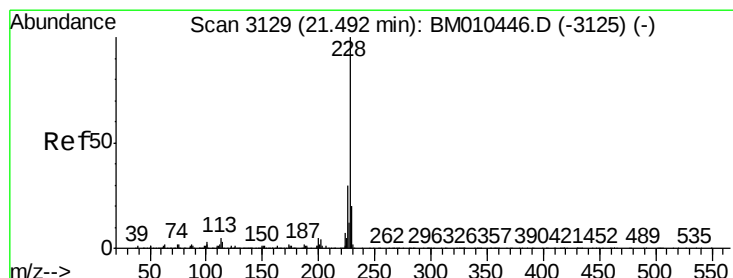
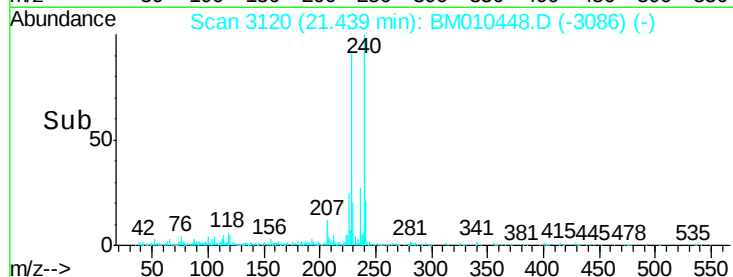
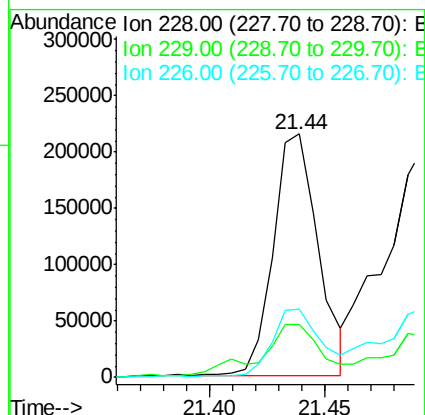
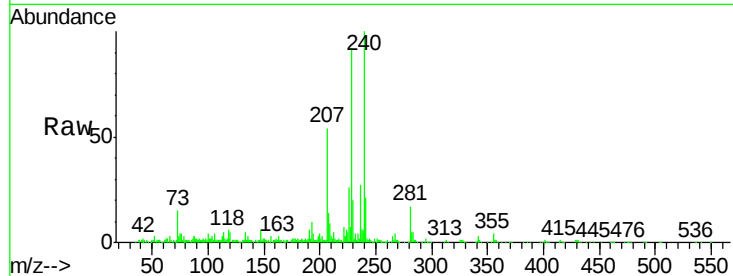
Tgt Ion:228 Resp: 289616

Ion Ratio Lower Upper

228 100

229 21.7 15.4 23.0

226 28.0 21.4 32.0



#82

Chrysene

Concen: 4.057 ng/ul

RT: 21.49 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BM010448.D

Acq: 09 Jun 2017 11:52

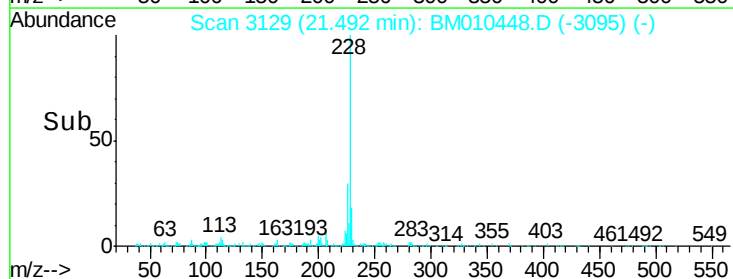
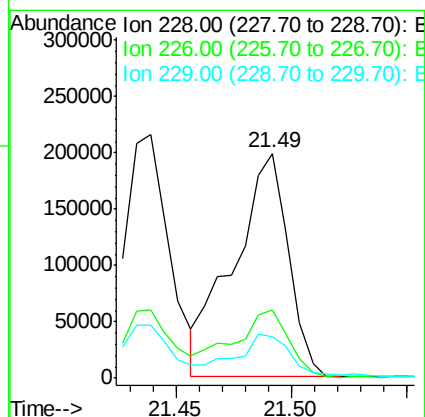
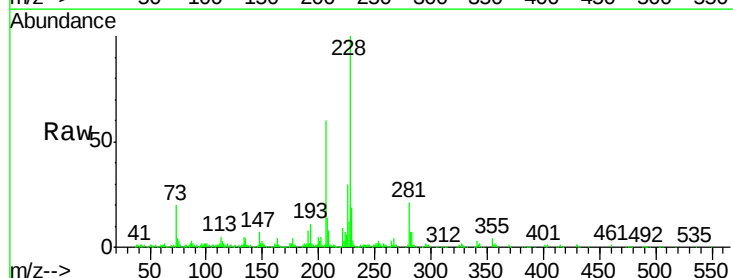
Tgt Ion:228 Resp: 325298

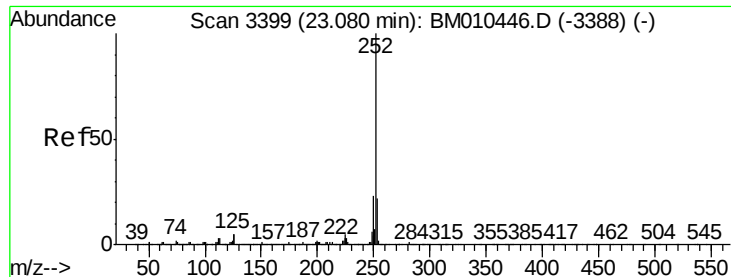
Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.2

229 18.6 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 6.508 ng/u1

RT: 23.08 min Scan# 3399

Delta R.T. 0.00 min

Lab File: BM010448.D

Acq: 09 Jun 2017 11:52

Instrument :

BNA_M

ClientSampleId :

F5B88

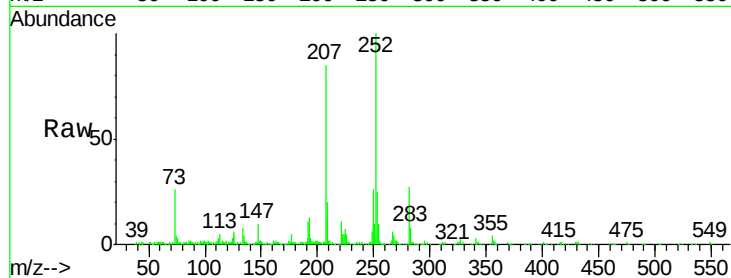
Tgt Ion:252 Resp: 598600

Ion Ratio Lower Upper

252 100

253 25.4 17.9 26.9

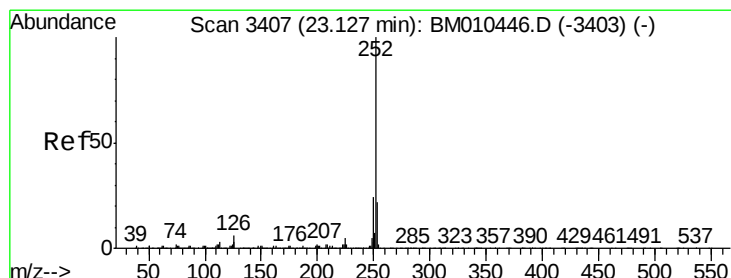
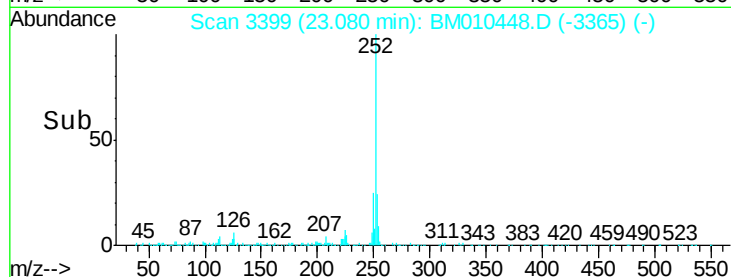
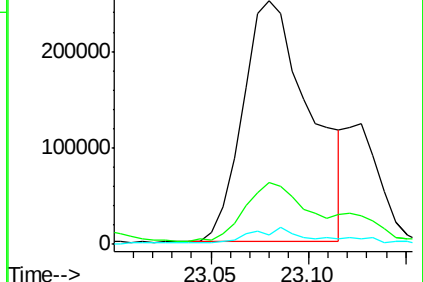
125 3.7 3.6 5.4



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: 6.813 ng/u1

RT: 23.08 min Scan# 3399

Delta R.T. -0.05 min

Lab File: BM010448.D

Acq: 09 Jun 2017 11:52

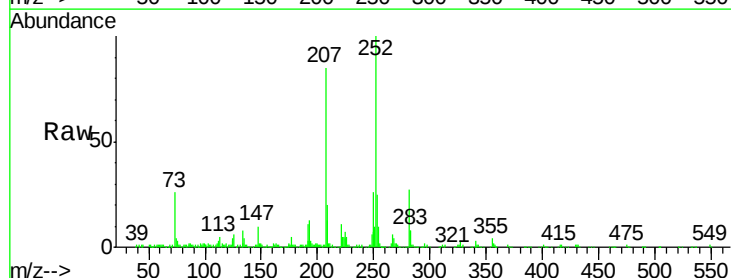
Tgt Ion:252 Resp: 598600

Ion Ratio Lower Upper

252 100

253 25.4 17.1 25.7

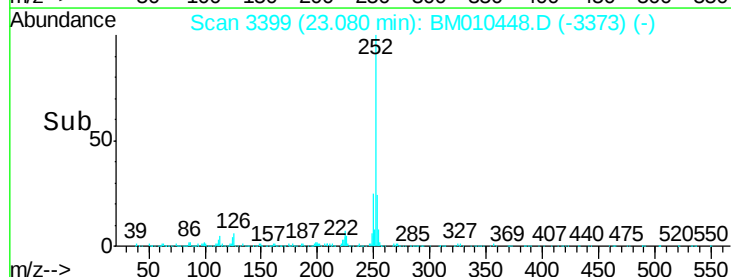
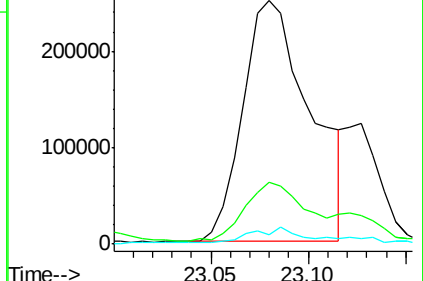
125 3.7 3.4 5.2

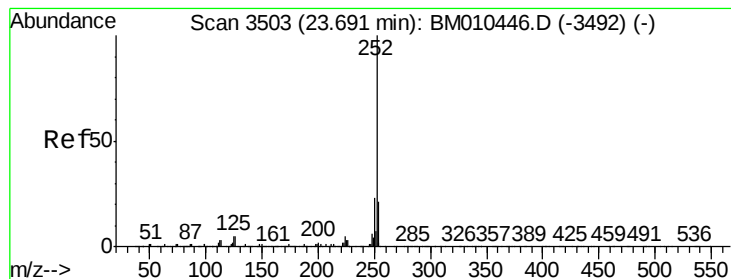


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.997 ng/ul

RT: 23.59 min Scan# 3485

Delta R.T. -0.11 min

Lab File: BM010448.D

Acq: 09 Jun 2017 11:52

Instrument :

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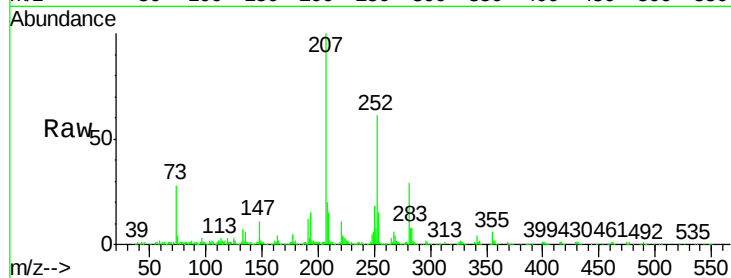
Tgt Ion:252 Resp: 273240

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.2

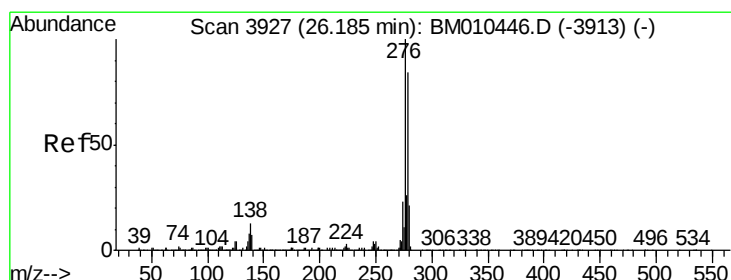
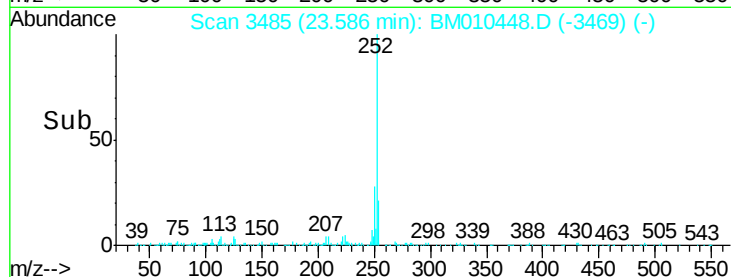
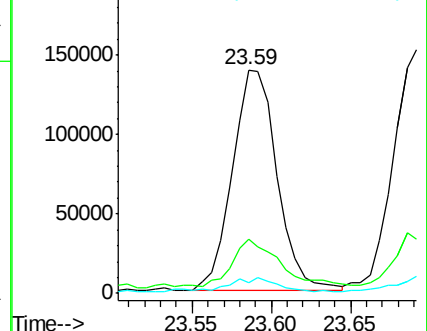
125 4.9 4.0 6.0



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: 1.898 ng/ul

RT: 26.18 min Scan# 3926

Delta R.T. -0.01 min

Lab File: BM010448.D

Acq: 09 Jun 2017 11:52

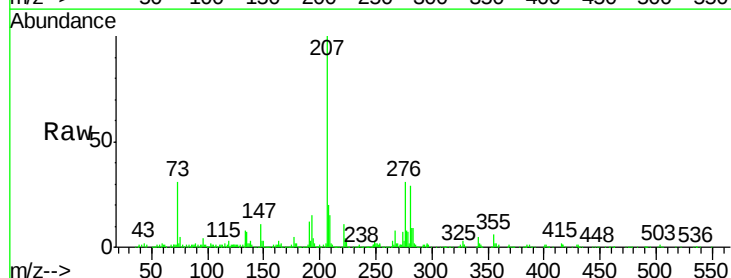
Tgt Ion:276 Resp: 218630

Ion Ratio Lower Upper

276 100

138 10.7 9.3 13.9

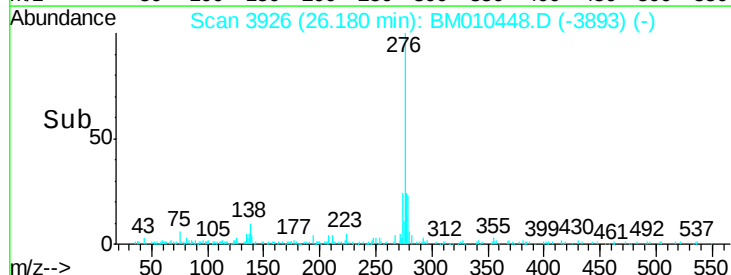
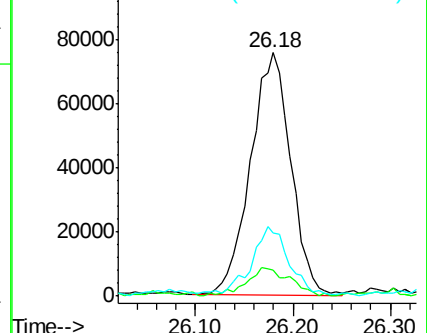
277 25.7 19.9 29.9

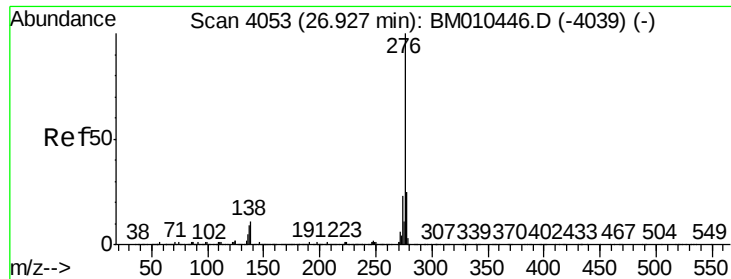


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.861 ng/ul

RT: 26.92 min Scan# 4052

Delta R.T. -0.01 min

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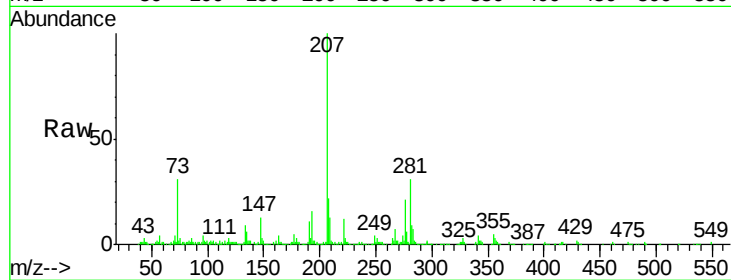
Tgt Ion: 276 Resp: 176576

Ion Ratio Lower Upper

276 100

138 10.8 8.5 12.7

277 27.3 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

