

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
 Data File : BM004062.D
 Acq On : 15 Jan 2016 23:49
 Operator : SJ/UM
 Sample : H1100-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9G8

Quant Time: Jan 16 03:08:28 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 16 03:00:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	38704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	185229	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	106029	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	225283	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	182844	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	169916	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4132	4.78	ng/uL	0.00
5) Phenol-d5	6.85	99	103162	32.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	60132	33.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	85523	32.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	75215	28.89	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	45530	32.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	50362	32.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	83539	30.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	116028	32.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	295895	35.55	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	349930	34.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	46883	31.36	ng/ul	0.00
58) Fluorene-d10	15.32	176	253381	35.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	30185	23.76	ng/ul	0.00
71) Anthracene-d10	17.17	188	381870	36.65	ng/ul	0.00
79) Pyrene-d10	19.47	212	390321	41.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	332381	39.17	ng/ul	0.00

Target Compounds

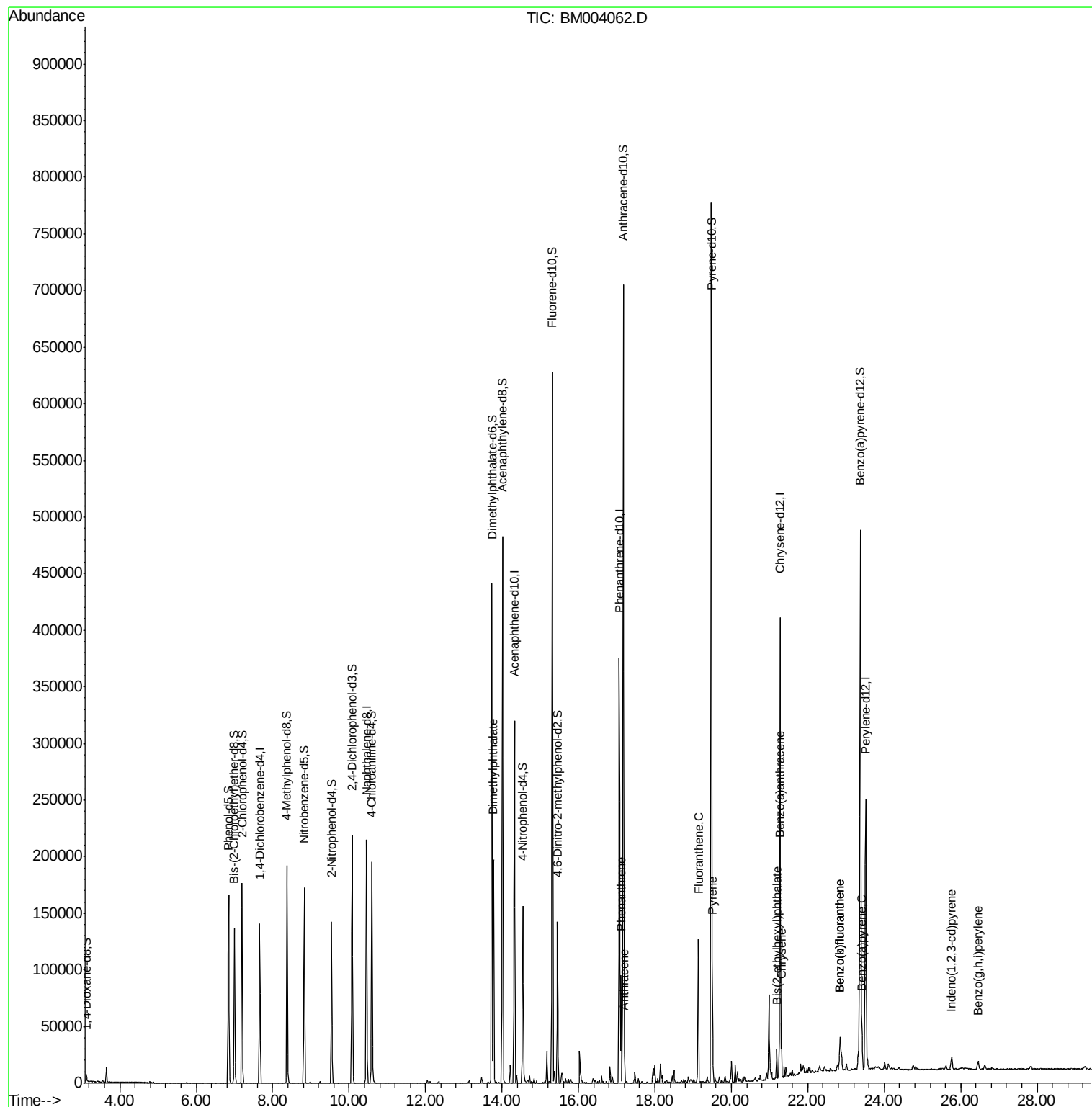
						Qvalue
45) Dimethylphthalate	13.78	163	130929	15.43	ng/ul	100
70) Phenanthrene	17.12	178	59340	4.68	ng/ul	100
72) Anthracene	17.20	178	16176	1.24	ng/ul	99
77) Fluoranthene	19.14	202	73844	5.61	ng/ul	99
80) Pyrene	19.50	202	60801	4.90	ng/ul	99
83) Benzo(a)anthracene	21.26	228	27802	2.55	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.19	149	9999	1.51	ng/ul	98
85) Chrysene	21.31	228	27458	2.65	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	27314	2.64	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	10933	1.11	ng/ul	99
91) Benzo(a)pyrene	23.42	252	20804	2.12	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.76	276	11645	1.07	ng/ul	96
94) Benzo(g,h,i)perylene	26.45	276	10107	1.11	ng/ul	99

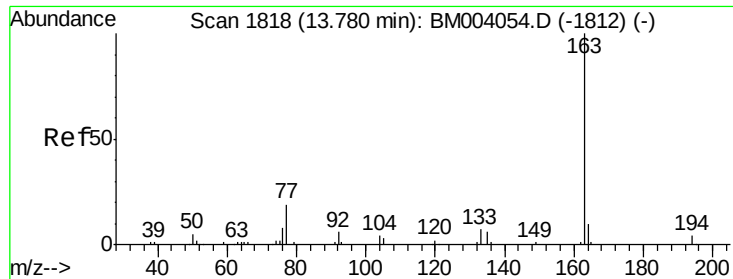
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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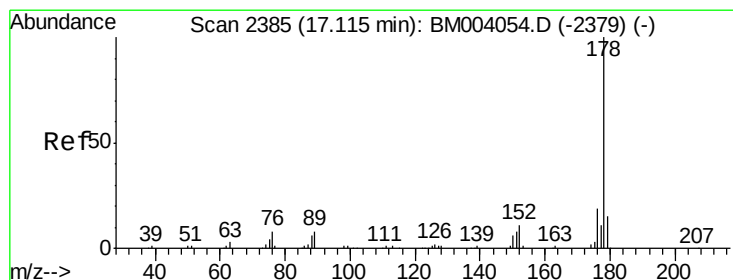
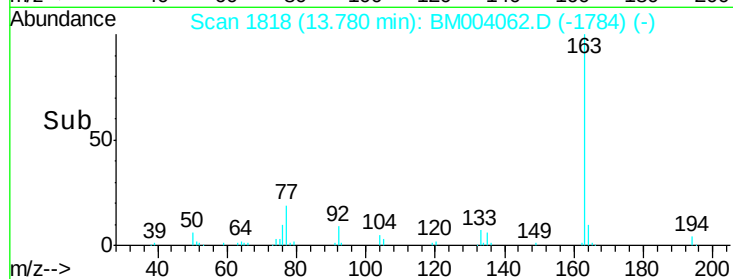
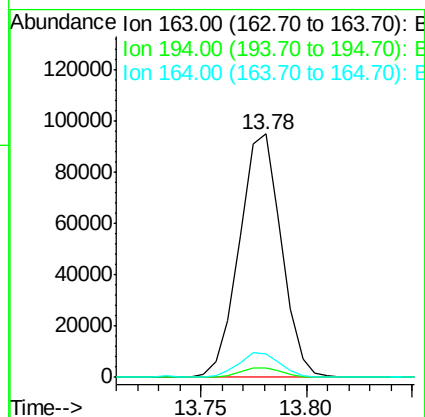
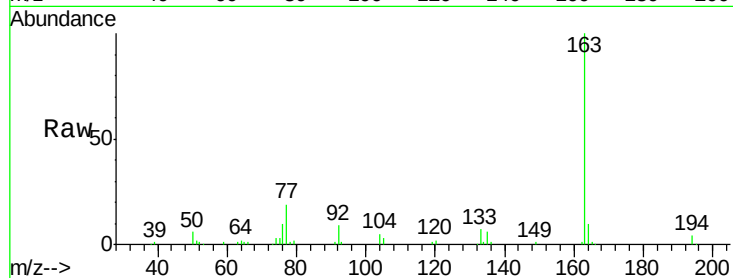




#45
Dimethylphthalate
Concen: 15.43 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004062.D
Acq: 15 Jan 2016 23:49

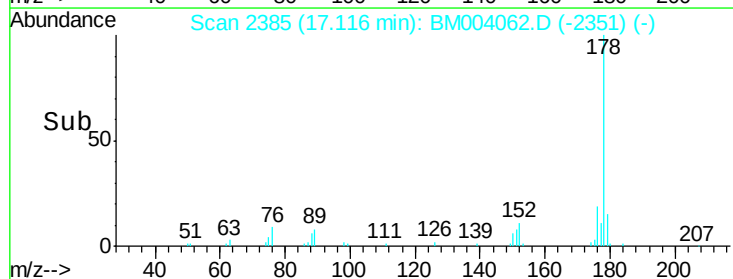
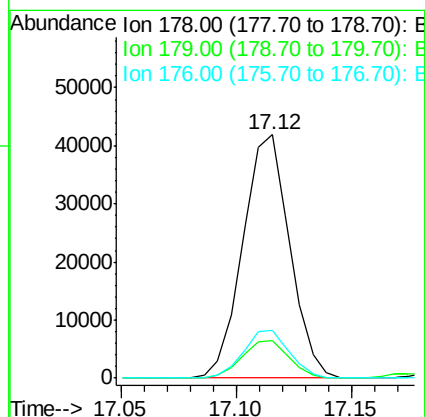
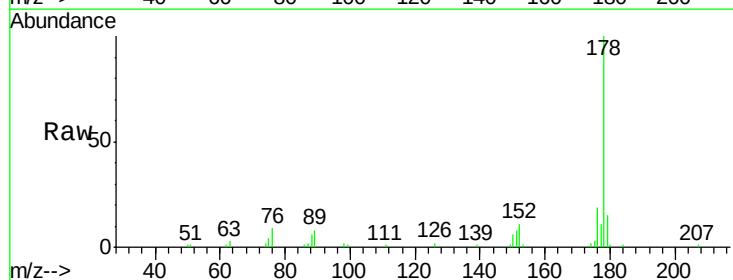
Instrument :
BNA_M
ClientSampleId :
BC9G8

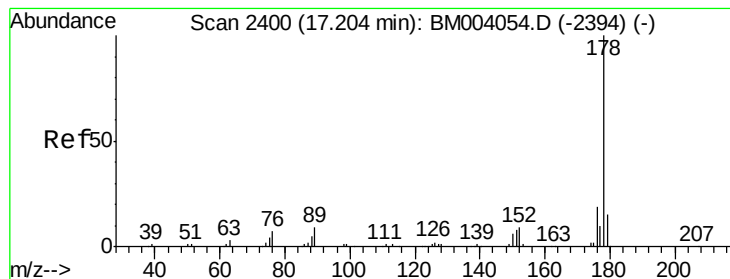
Tgt Ion:163 Resp: 130929
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.8 7.8 11.8



#70
Phenanthrene
Concen: 4.68 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM004062.D
Acq: 15 Jan 2016 23:49

Tgt Ion:178 Resp: 59340
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.5 15.6 23.4





#72

Anthracene

Concen: 1.24 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM004062.D

Acq: 15 Jan 2016 23:49

Instrument :

BNA_M

ClientSampleId :

BC9G8

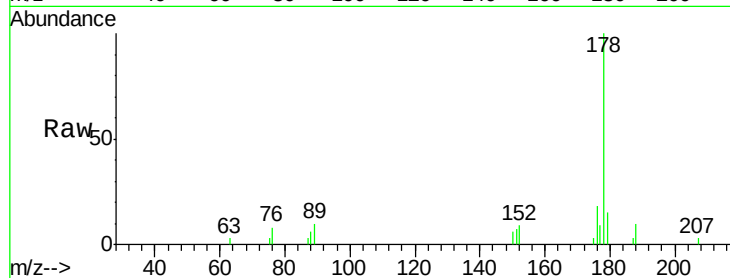
Tgt Ion:178 Resp: 16176

Ion Ratio Lower Upper

178 100

179 14.8 12.1 18.1

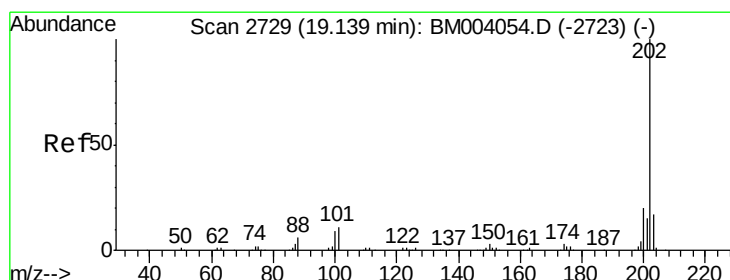
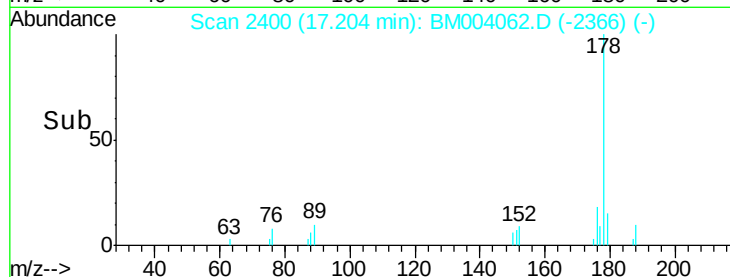
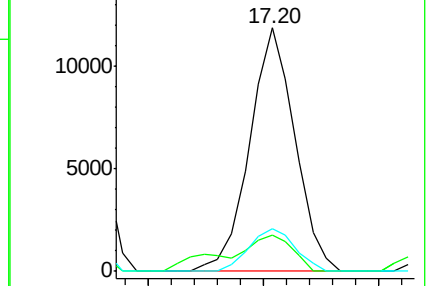
176 17.5 14.8 22.2



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



#77

Fluoranthene

Concen: 5.61 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM004062.D

Acq: 15 Jan 2016 23:49

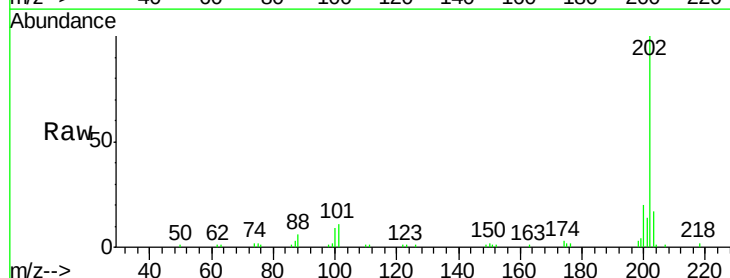
Tgt Ion:202 Resp: 73844

Ion Ratio Lower Upper

202 100

101 11.0 8.8 13.2

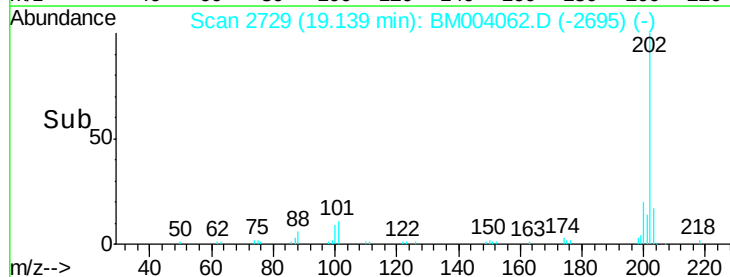
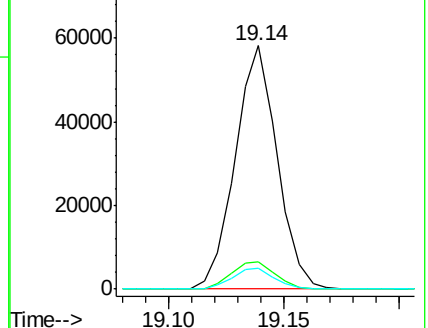
100 8.6 6.6 9.8

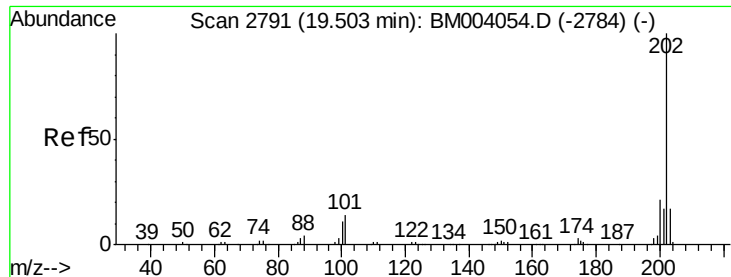


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

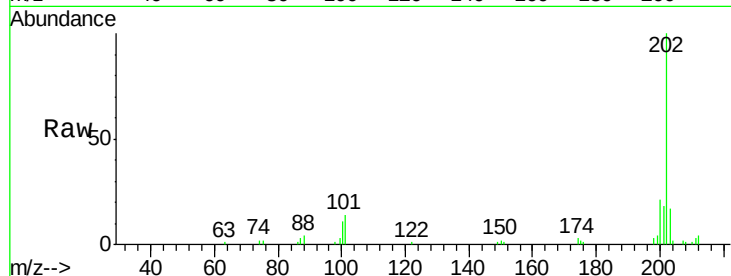




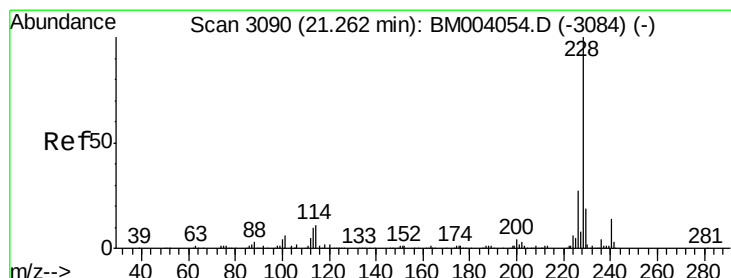
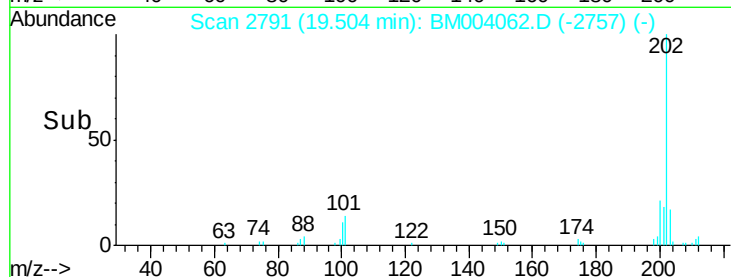
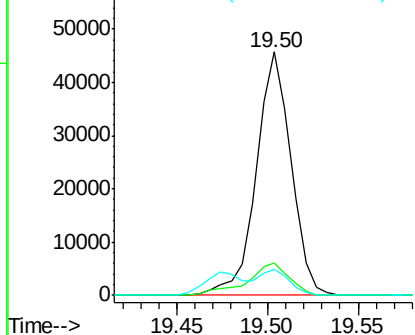
#80
 Pyrene
 Concen: 4.90 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004062.D
 Acq: 15 Jan 2016 23:49

Instrument :
 BNA_M
 ClientSampleId :
 BC9G8

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.2	15.2
100	10.7	8.5	12.7

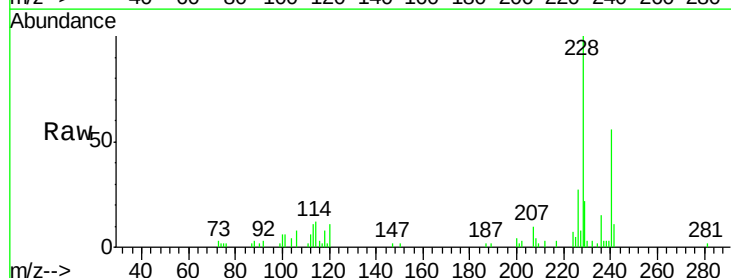


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

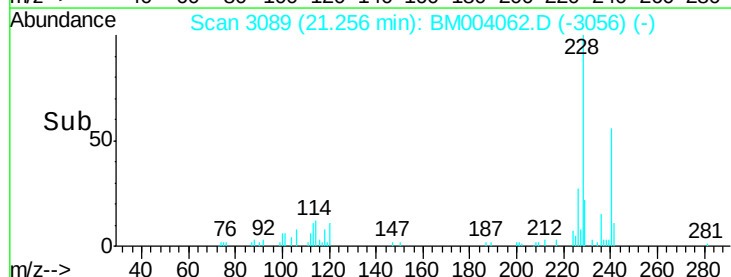
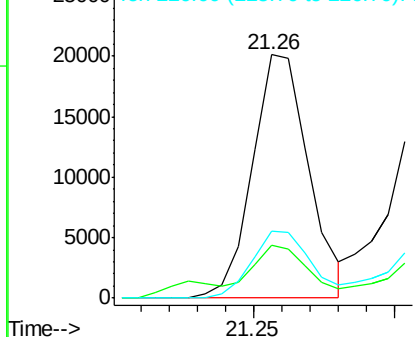


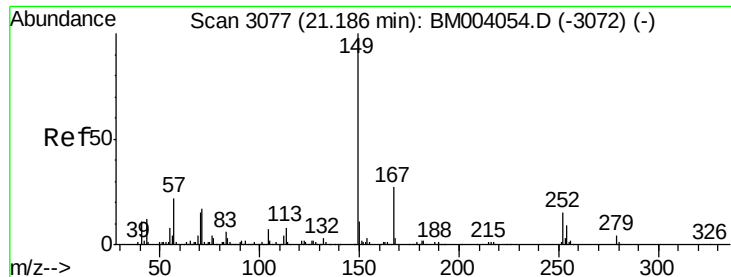
#83
 Benzo(a)anthracene
 Concen: 2.55 ng/ul
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM004062.D
 Acq: 15 Jan 2016 23:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	27.3	21.8	32.6



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

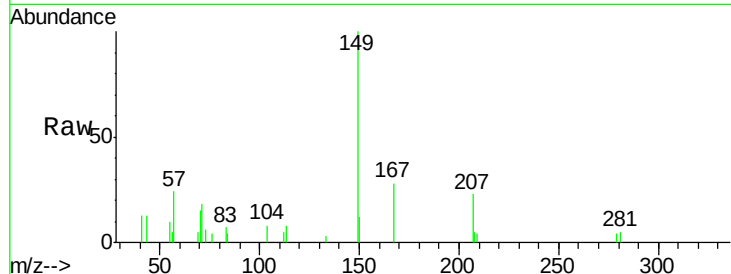




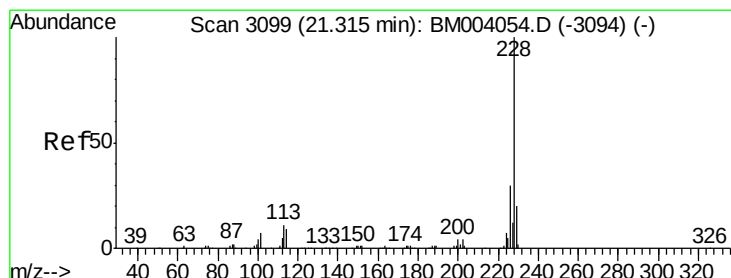
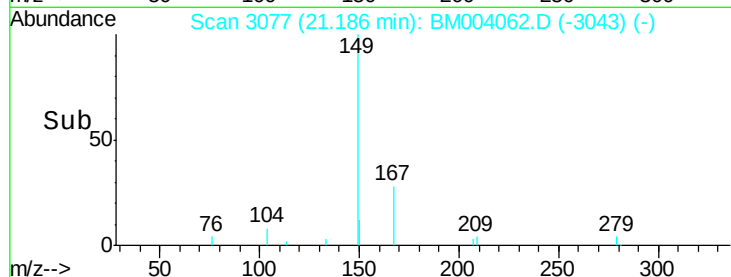
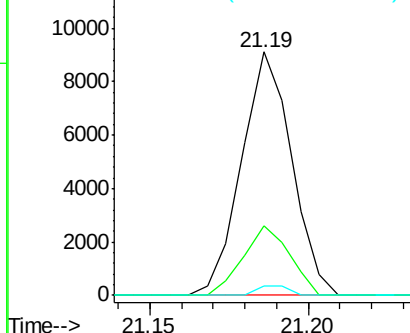
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.51 ng/ul
 RT: 21.19 min Scan# 3077
 Delta R.T. 0.00 min
 Lab File: BM004062.D
 Acq: 15 Jan 2016 23:49

Instrument :
 BNA_M
 ClientSampleId :
 BC9G8

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.6	32.4
279	3.8	3.0	4.4

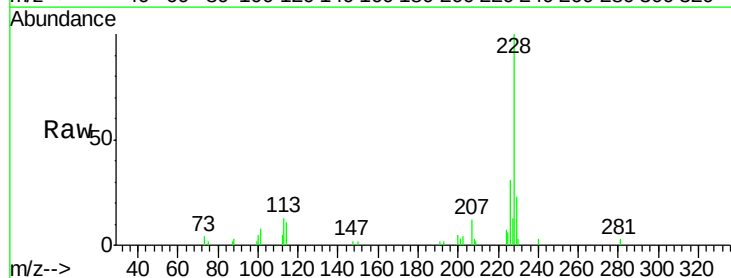


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

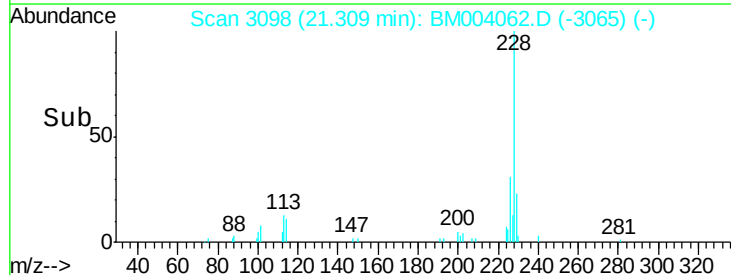
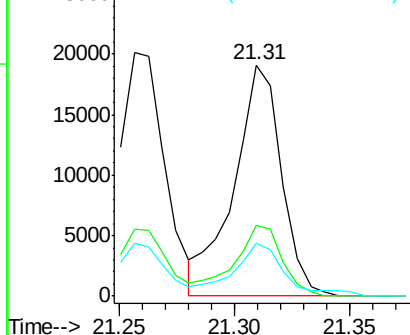


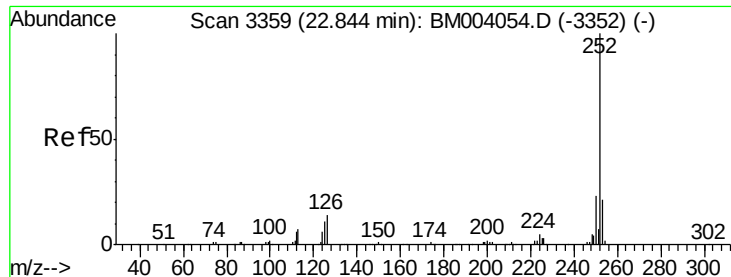
#85
 Chrysene
 Concen: 2.65 ng/ul
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM004062.D
 Acq: 15 Jan 2016 23:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	22.8	15.6	23.4



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





#88

Benzo(b)fluoranthene

Concen: 2.64 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM004062.D

Acq: 15 Jan 2016 23:49

Instrument :

BNA_M

ClientSampleId :

BC9G8

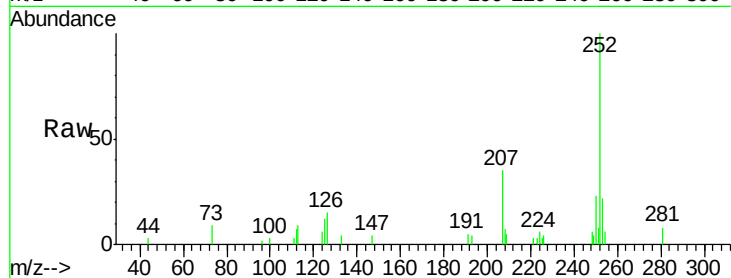
Tgt Ion:252 Resp: 27314

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

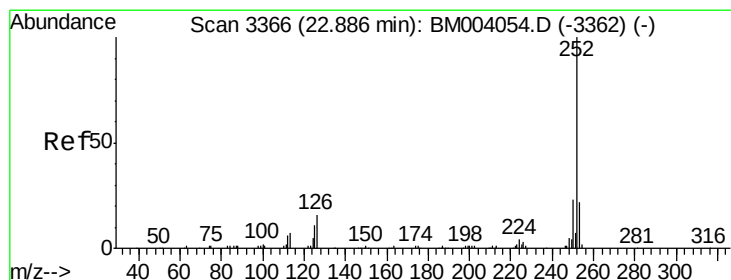
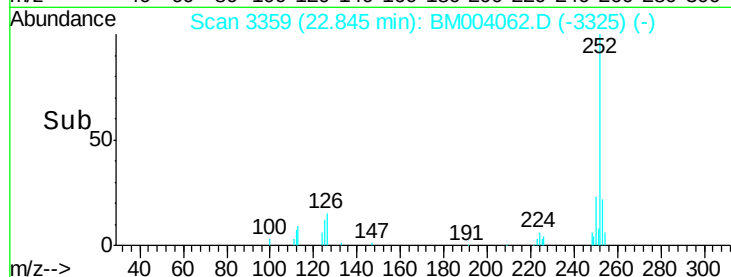
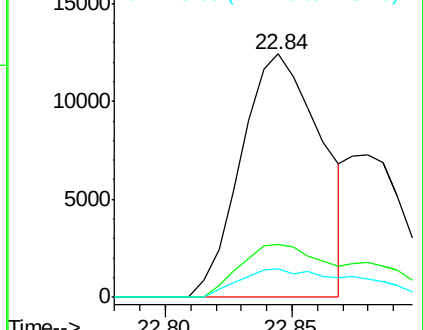
125 11.6 8.5 12.7



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

Benzo(k)fluoranthene

Concen: 1.11 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. -0.04 min

Lab File: BM004062.D

Acq: 15 Jan 2016 23:49

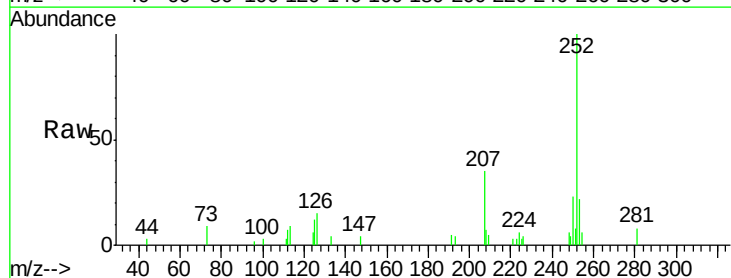
Tgt Ion:252 Resp: 10933

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

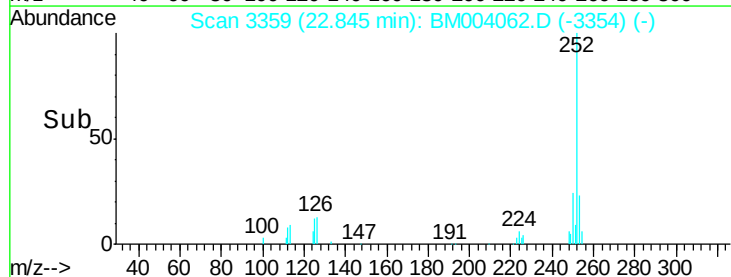
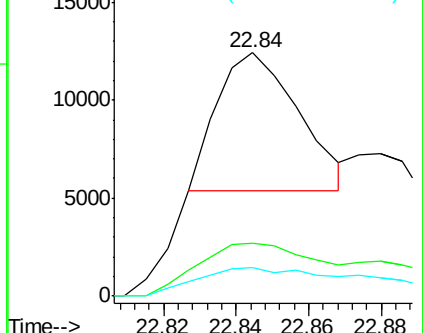
125 11.6 8.2 12.2

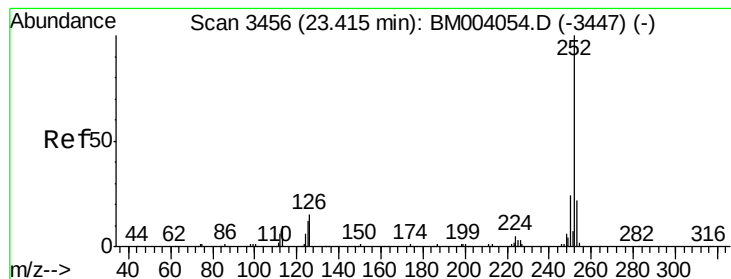


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.12 ng/ul

RT: 23.42 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM004062.D

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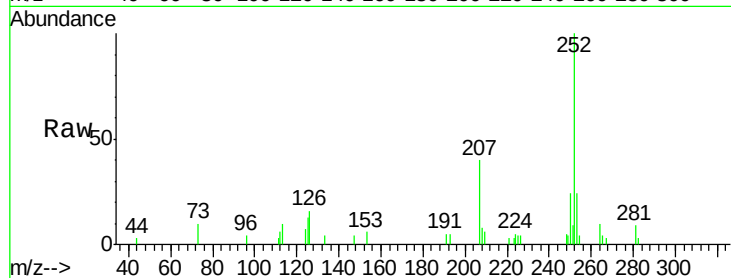
Tgt Ion:252 Resp: 20804

Ion Ratio Lower Upper

252 100

253 24.4 17.2 25.8

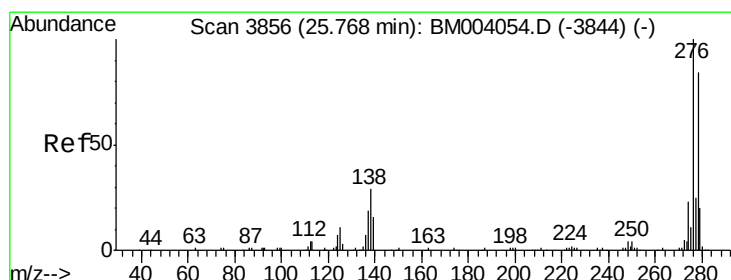
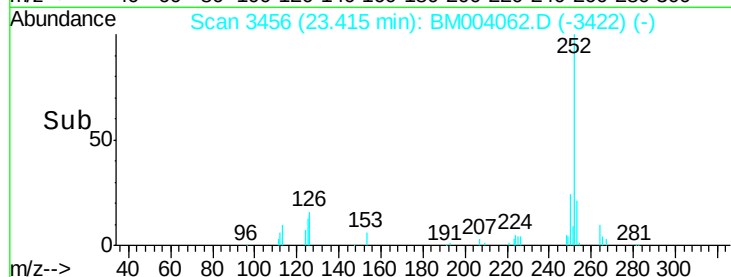
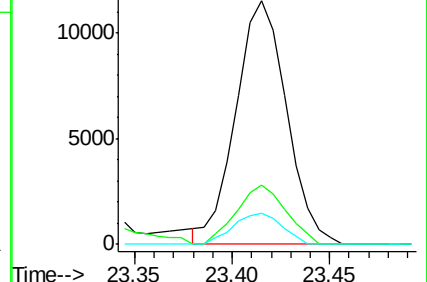
125 12.9 9.0 13.6



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.07 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BM004062.D

Acq: 15 Jan 2016 23:49

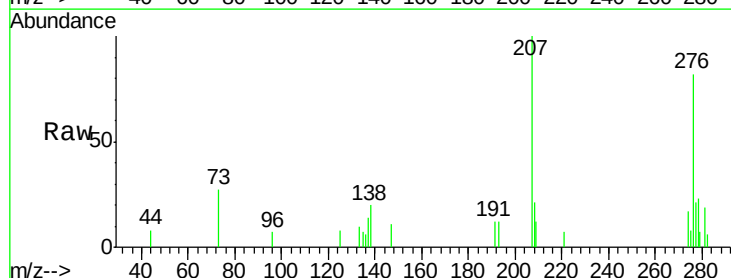
Tgt Ion:276 Resp: 11645

Ion Ratio Lower Upper

276 100

138 24.1 22.3 33.5

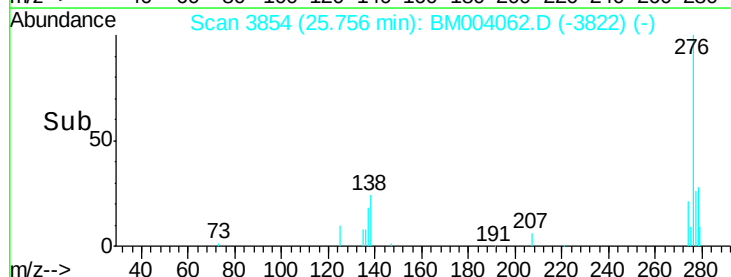
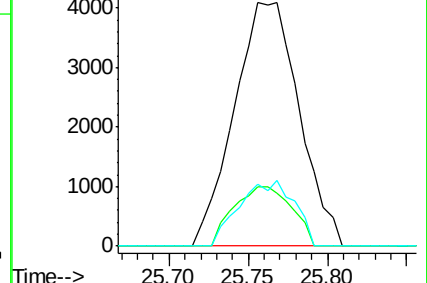
277 25.6 20.2 30.2

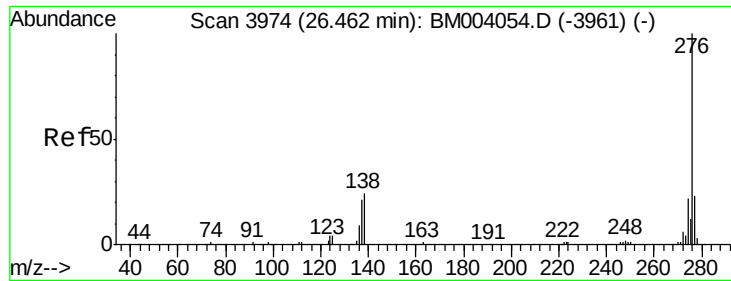


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(g,h,i)perylene

Concen: 1.11 ng/ul

RT: 26.45 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BM004062.D

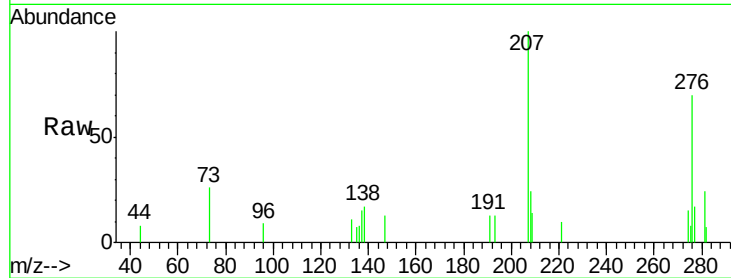
Acq: 15 Jan 2016 23:49

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Tgt Ion:	276	Resp:	10107
Ion	Ratio	Lower	Upper
276	100		
138	24.5	18.9	28.3
277	23.6	19.2	28.8

