

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002016.D
 Acq On : 23 Jul 2015 14:56
 Operator : TP/UM
 Sample : G3000-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B0RE

Quant Time: Jul 24 01:32:10 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:29:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	82246	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	323239	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	183773	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	409047	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	469966	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	485526	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	1970	1.17	ng/uL	0.00
5) Phenol-d5	6.79	99	53175	7.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	28638	7.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	45016	8.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	33967	6.16	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	20451	8.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	21392	8.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	45830	8.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	30534	5.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	147994	9.98	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	160836	9.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	19978	7.96	ng/ul	0.00
57) Fluorene-d10	15.27	176	116250	9.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	6727	2.54	ng/ul	0.00
70) Anthracene-d10	17.12	188	170943	8.90	ng/ul	0.00
78) Pyrene-d10	19.43	212	184029	8.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	178658	7.28	ng/ul	0.00

Target Compounds

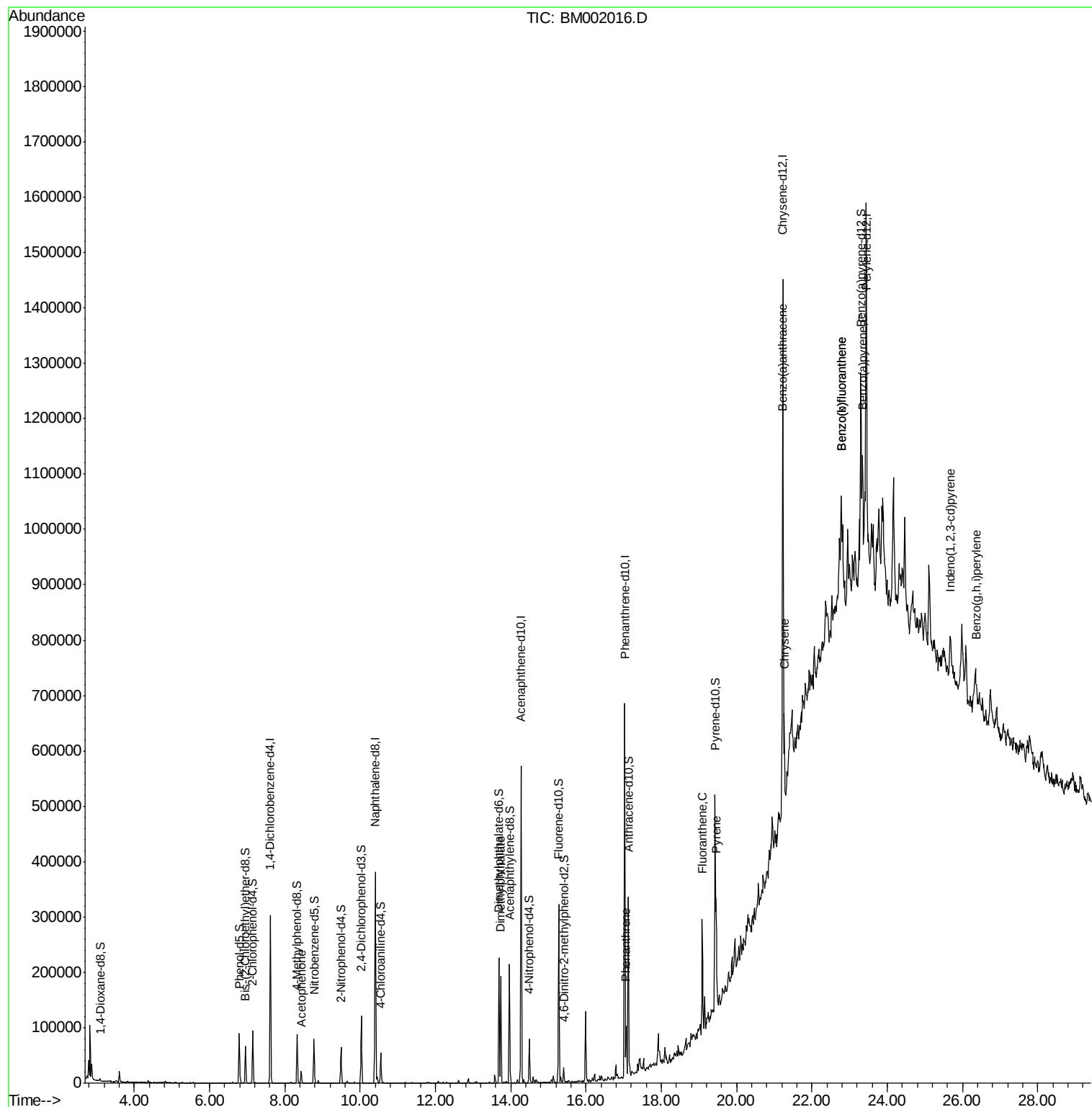
						Qvalue
14) Acetophenone	8.43	105	12414	1.42	ng/ul#	94
44) Dimethylphthalate	13.73	163	121218	8.04	ng/ul	99
69) Phenanthrene	17.07	178	56130	2.53	ng/ul	98
76) Fluoranthene	19.09	202	127841	4.94	ng/ul	99
79) Pyrene	19.46	202	124638	4.43	ng/ul	98
82) Benzo(a)anthracene	21.21	228	73787	2.64	ng/ul#	92
84) Chrysene	21.26	228	97640	3.73	ng/ul#	95
87) Benzo(b)fluoranthene	22.77	252	130914	4.40	ng/ul#	79
88) Benzo(k)fluoranthene	22.77	252	37446	1.31	ng/ul#	80
90) Benzo(a)pyrene	23.34	252	86765	3.10	ng/ul#	81
91) Indeno(1,2,3-cd)pyrene	25.67	276	62243	2.12	ng/ul#	92
93) Benzo(g,h,i)perylene	26.36	276	56897	2.36	ng/ul#	86

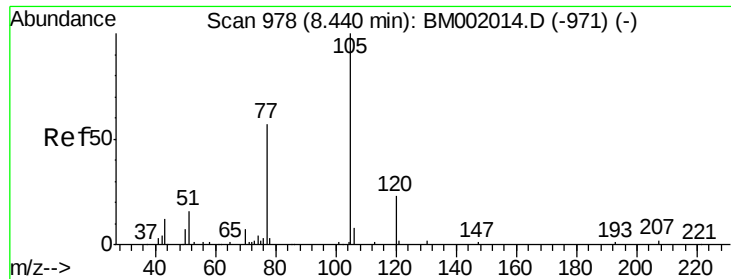
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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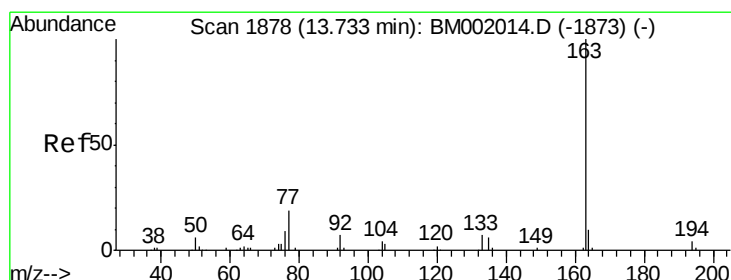
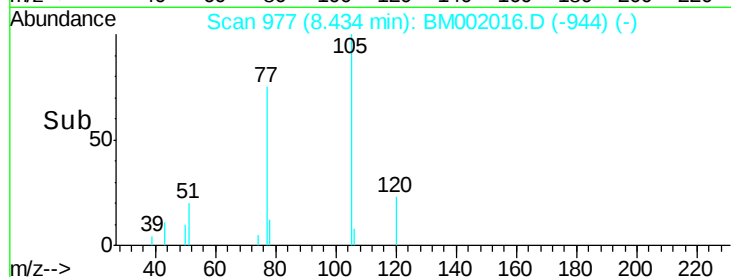
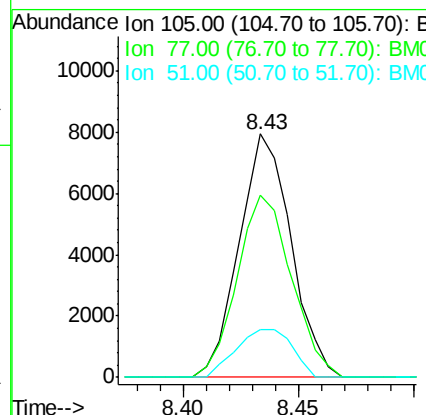
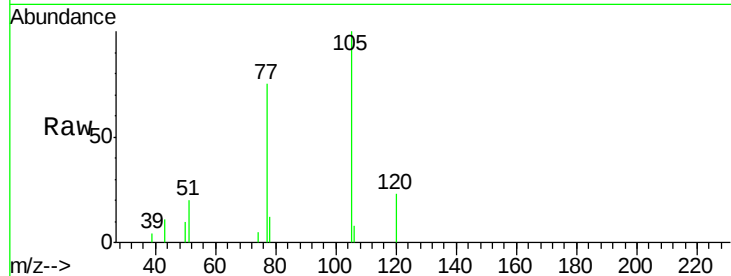




#14
Acetophenone
Concen: 1.42 ng/ul
RT: 8.43 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM002016.D
Acq: 23 Jul 2015 14:56

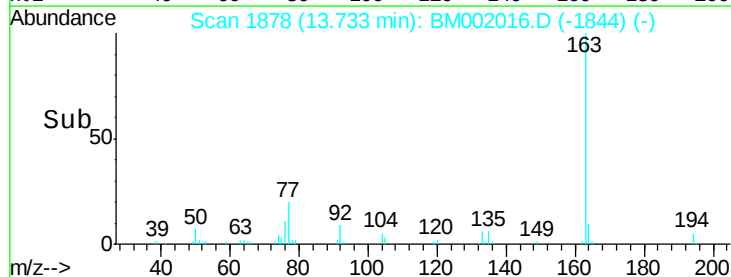
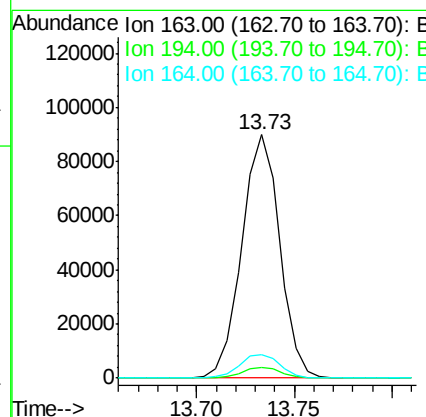
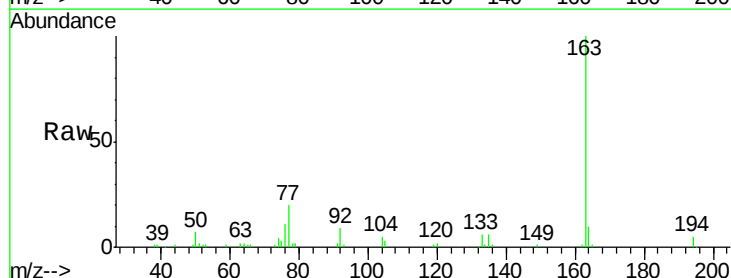
Instrument :
BNA_M
ClientSampleId :
C02B0RE

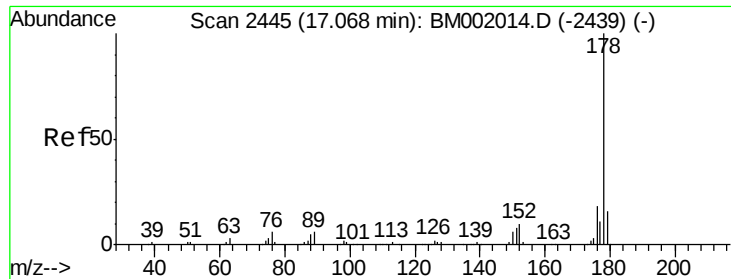
Tgt Ion:105 Resp: 12414
Ion Ratio Lower Upper
105 100
77 74.9 62.2 93.4
51 19.7 21.4 32.0#



#44
Dimethylphthalate
Concen: 8.04 ng/ul
RT: 13.73 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM002016.D
Acq: 23 Jul 2015 14:56

Tgt Ion:163 Resp: 121218
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 9.9 8.2 12.4





#69

Phenanthrene

Concen: 2.53 ng/ul

RT: 17.07 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BM002016.D

Acq: 23 Jul 2015 14:56

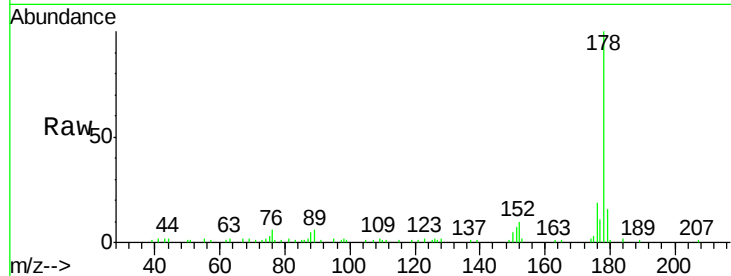
Instrument :

BNA_M

ClientSampleId :

C02B0RE

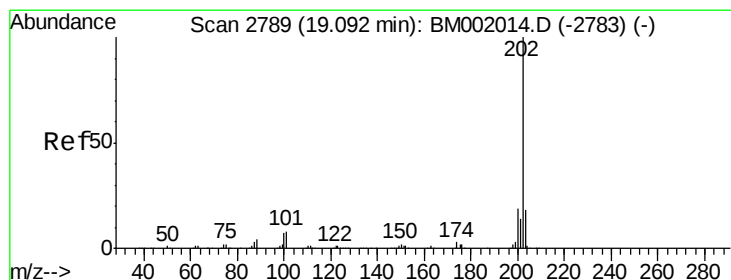
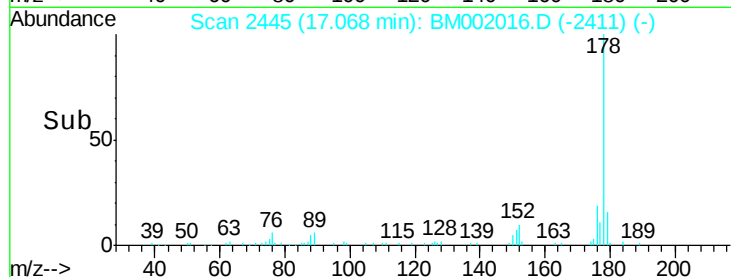
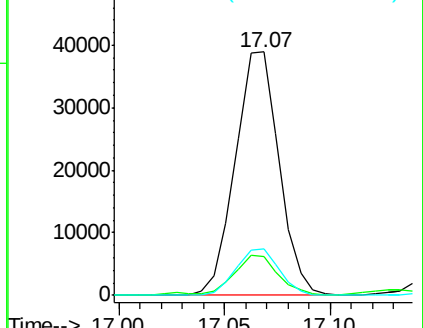
Tgt Ion:	178	Resp:	56130
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.1	18.1
176	19.3	14.6	21.8



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



#76

Fluoranthene

Concen: 4.94 ng/ul

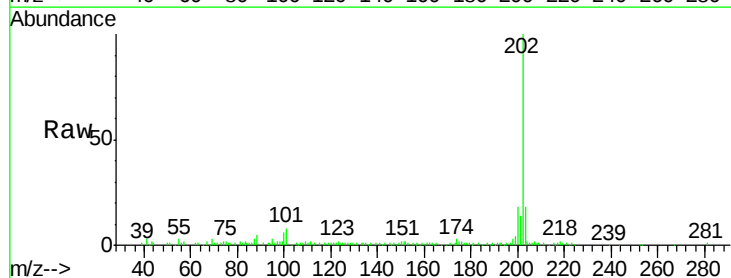
RT: 19.09 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM002016.D

Acq: 23 Jul 2015 14:56

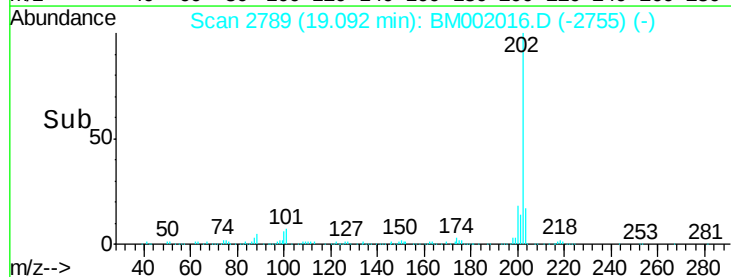
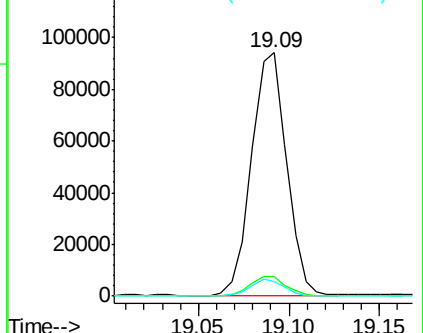
Tgt Ion:	202	Resp:	127841
Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.3	9.5
100	5.8	5.0	7.4

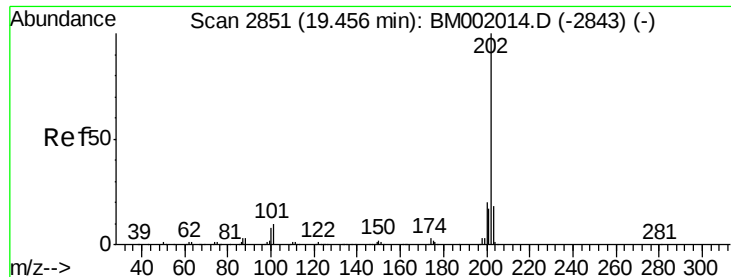


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

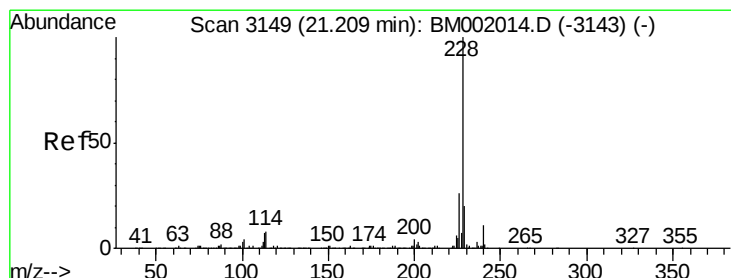
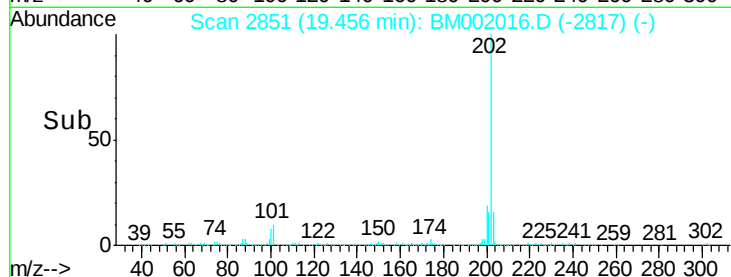
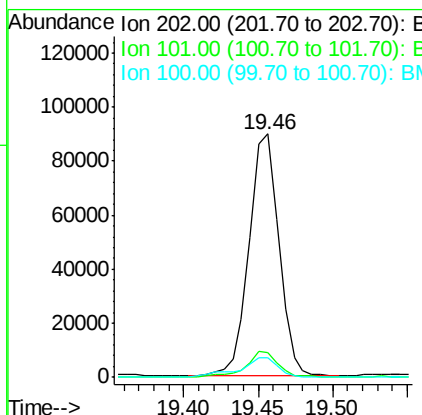
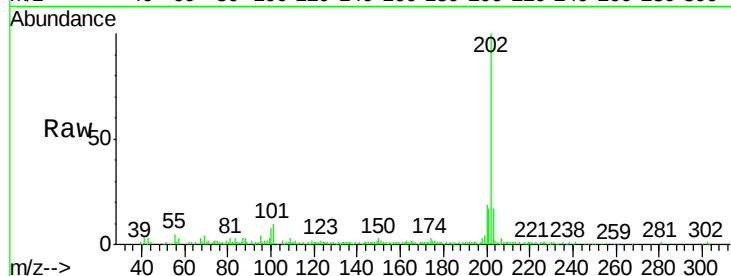




#79
Pyrene
Concen: 4.43 ng/ul
RT: 19.46 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BM002016.D
Acq: 23 Jul 2015 14:56

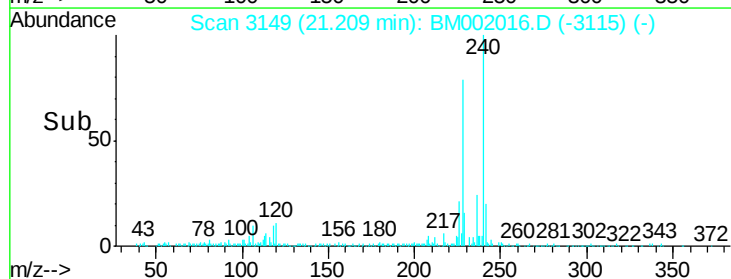
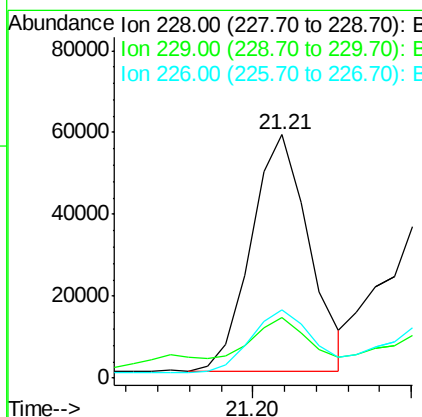
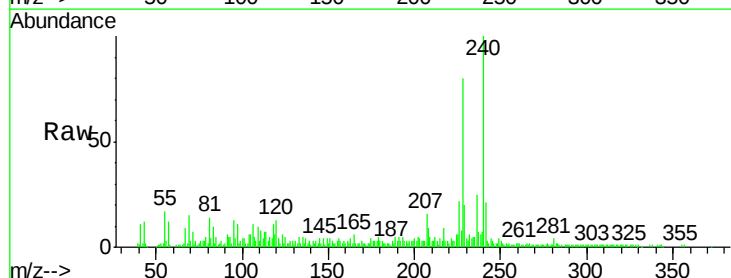
Instrument :
BNA_M
ClientSampleId :
C02B0RE

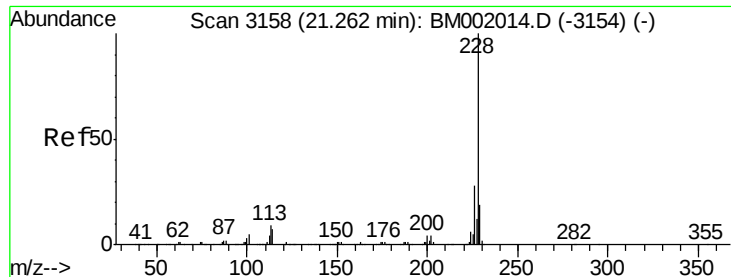
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.3	10.9
100	8.2	6.2	9.4



#82
Benzo(a)anthracene
Concen: 2.64 ng/ul
RT: 21.21 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BM002016.D
Acq: 23 Jul 2015 14:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.0	15.4	23.2#
226	28.0	20.7	31.1





#84

Chrysene

Concen: 3.73 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BM002016.D

Acq: 23 Jul 2015 14:56

Instrument :

BNA_M

ClientSampleId :

C02B0RE

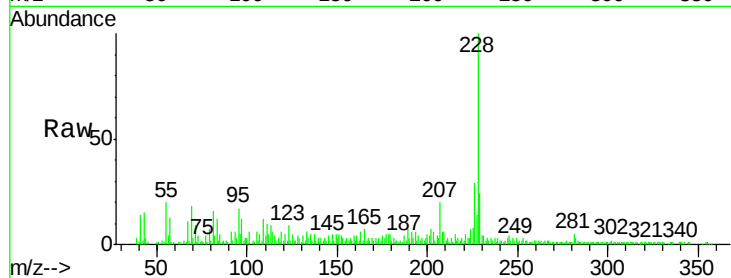
Tgt Ion:228 Resp: 97640

Ion Ratio Lower Upper

228 100

226 29.3 23.0 34.4

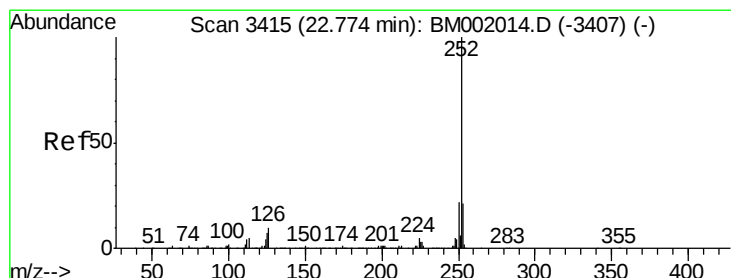
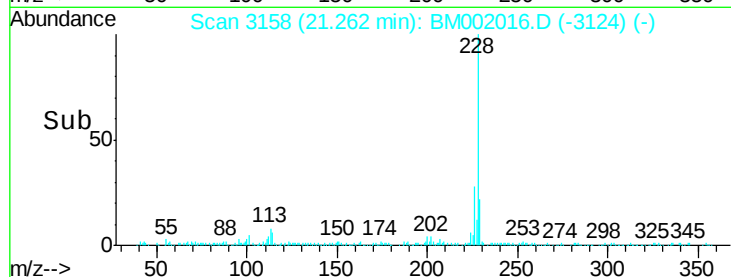
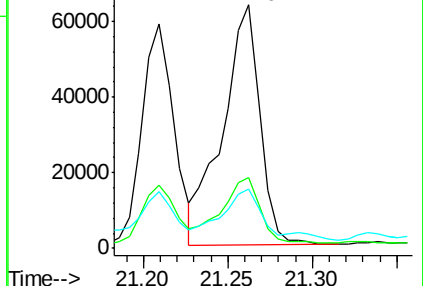
229 24.2 15.6 23.4#



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



#87

Benzo(b)fluoranthene

Concen: 4.40 ng/ul

RT: 22.77 min Scan# 3415

Delta R.T. -0.00 min

Lab File: BM002016.D

Acq: 23 Jul 2015 14:56

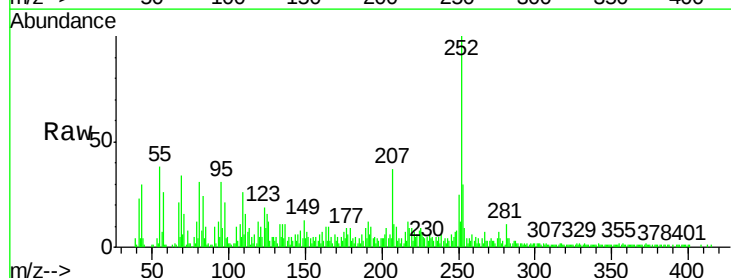
Tgt Ion:252 Resp: 130914

Ion Ratio Lower Upper

252 100

253 30.2 17.2 25.8#

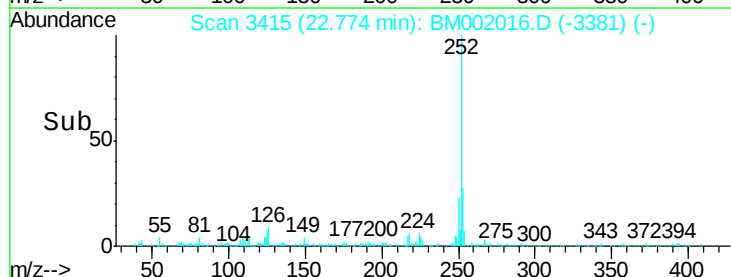
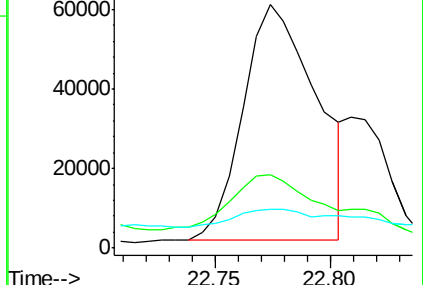
125 15.9 5.3 7.9#

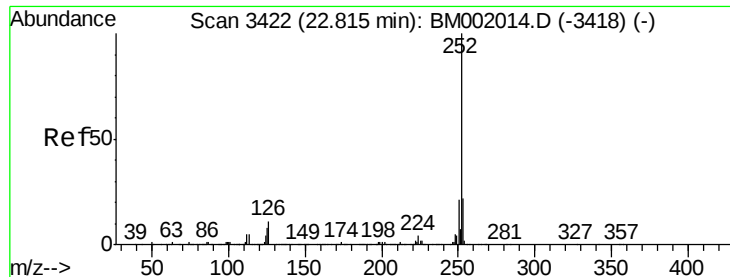


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1.31 ng/ul

RT: 22.77 min Scan# 3415

Delta R.T. -0.04 min

Lab File: BM002016.D

Acq: 23 Jul 2015 14:56

Instrument :

BNA_M

ClientSampleId :

C02B0RE

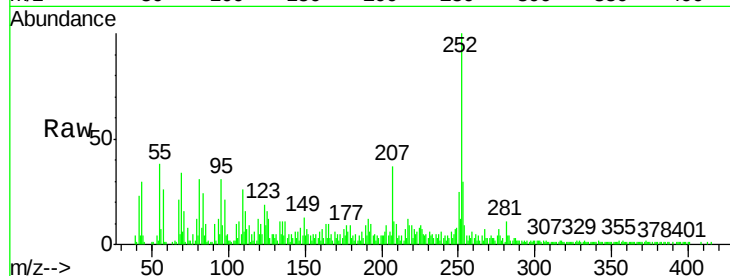
Tgt Ion:252 Resp: 37446

Ion Ratio Lower Upper

252 100

253 30.2 17.4 26.2#

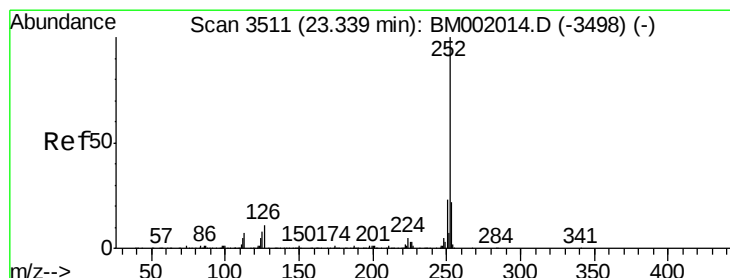
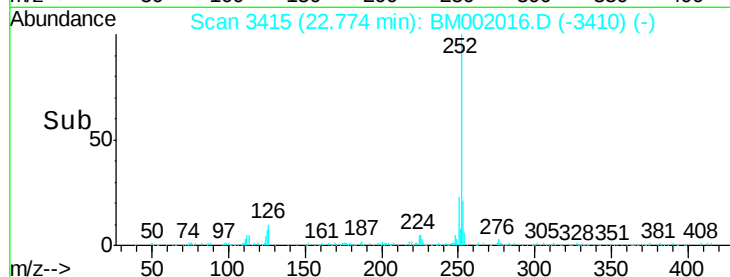
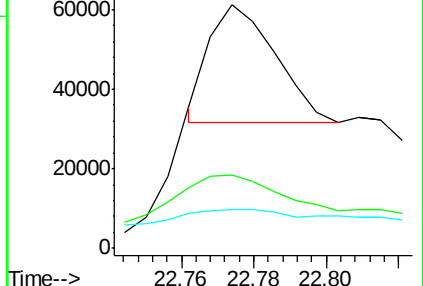
125 15.9 5.1 7.7#



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



#90

Benzo(a)pyrene

Concen: 3.10 ng/ul

RT: 23.34 min Scan# 3511

Delta R.T. -0.00 min

Lab File: BM002016.D

Acq: 23 Jul 2015 14:56

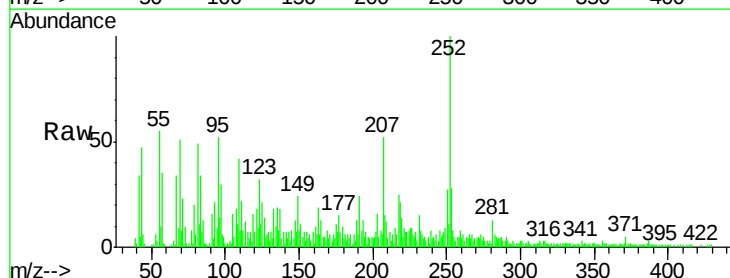
Tgt Ion:252 Resp: 86765

Ion Ratio Lower Upper

252 100

253 27.6 17.6 26.4#

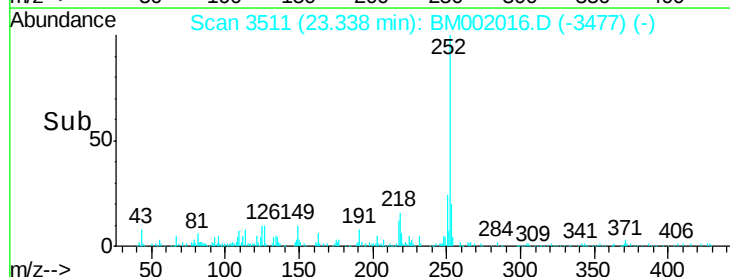
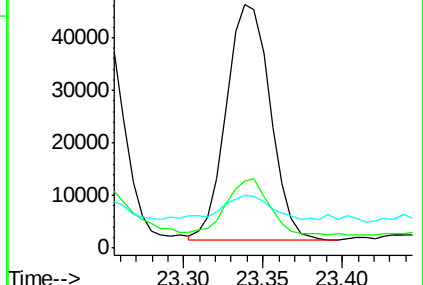
125 21.5 6.0 9.0#

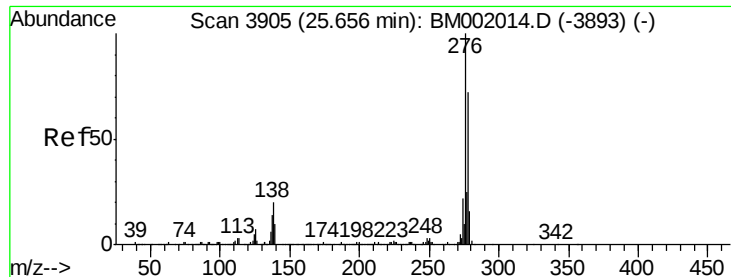


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 2.12 ng/ul

RT: 25.67 min Scan# 3907

Delta R.T. 0.01 min

Lab File: BM002016.D

Acq: 23 Jul 2015 14:56

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C02B0RE

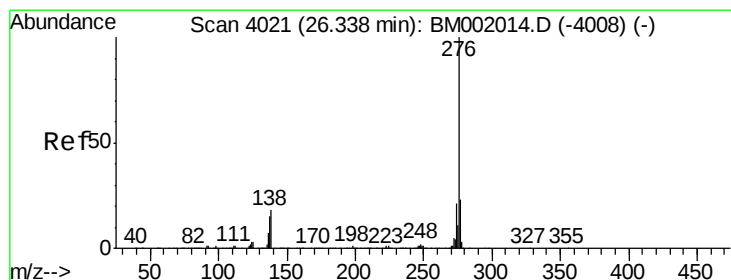
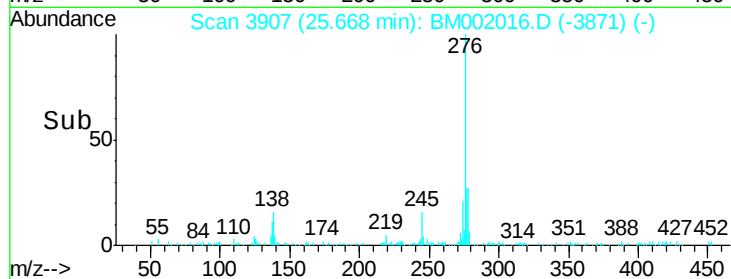
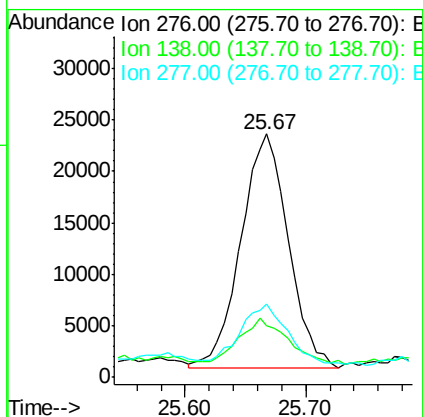
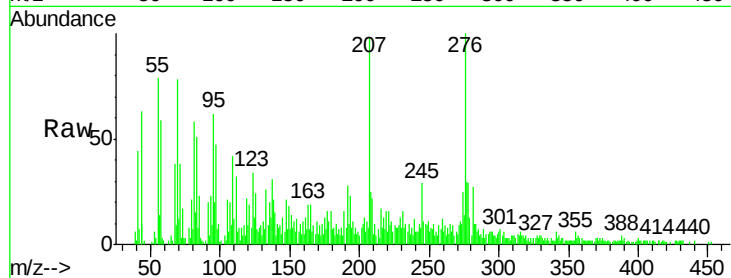
Tgt Ion:276 Resp: 62243

Ion Ratio Lower Upper

276 100

138 21.2 15.2 22.8

277 30.1 20.1 30.1#



#93

Benzo(g,h,i)perylene

Concen: 2.36 ng/ul

RT: 26.36 min Scan# 4024

Delta R.T. 0.02 min

Lab File: BM002016.D

Acq: 23 Jul 2015 14:56

Tgt Ion:276 Resp: 56897

Ion Ratio Lower Upper

276 100

138 23.1 12.7 19.1#

277 28.9 18.6 28.0#

