

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111115\
 Data File : BM003092.D
 Acq On : 11 Nov 2015 19:23
 Operator : UM/IZ
 Sample : G4322-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HR7

Quant Time: Nov 13 11:29:46 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 13 11:02:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	128411	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	581222	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	316212	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	637918	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	589852	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	588118	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	6868	2.52	ng/uL	0.00
5) Phenol-d5	6.91	99	127726	12.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	80770	13.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	113009	13.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	101730	12.43	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	53396	15.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	56282	15.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	100897	12.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	124962	11.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	326859	13.74	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	309490	10.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	34610	8.63	ng/ul	0.00
58) Fluorene-d10	15.39	176	203567	9.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	27954	9.46	ng/ul	0.00
71) Anthracene-d10	17.24	188	254071	8.98	ng/ul	0.00
79) Pyrene-d10	19.54	212	222551	7.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	186505	6.67	ng/ul	0.00

Target Compounds

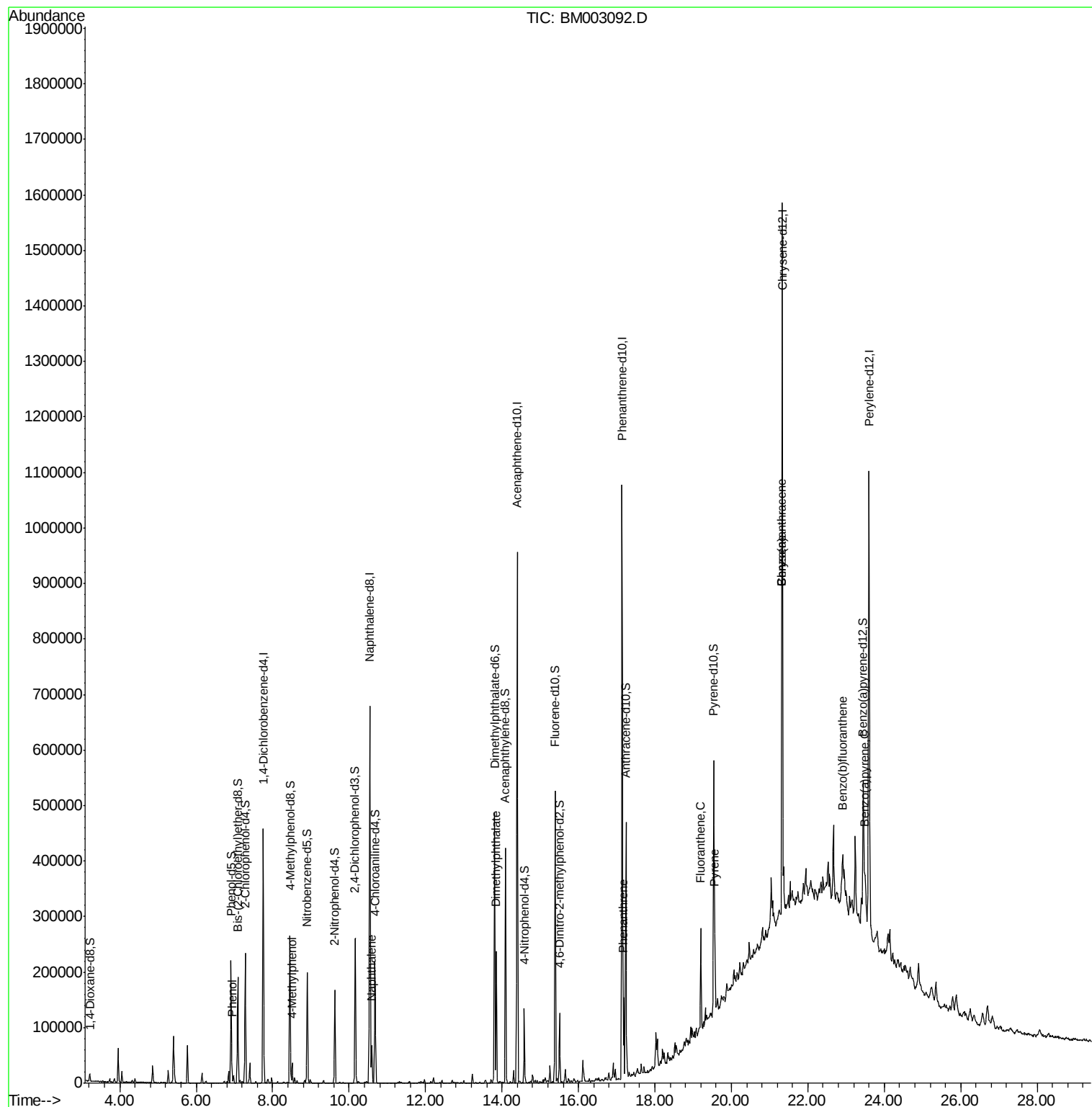
						Qvalue
6) Phenol	6.94	94	10697	1.02	ng/ul#	91
16) 4-Methylphenol	8.51	108	14454	1.64	ng/ul	84
28) Naphthalene	10.59	128	57980	1.99	ng/ul	99
45) Dimethylphthalate	13.85	163	151002	6.23	ng/ul	99
70) Phenanthrene	17.18	178	85913	2.38	ng/ul	99
77) Fluoranthene	19.20	202	102098	2.80	ng/ul	96
80) Pyrene	19.57	202	84389	2.19	ng/ul#	91
83) Benzo(a)anthracene	21.32	228	43240	1.33	ng/ul#	93
85) Chrysene	21.32	228	43346	1.35	ng/ul	96
88) Benzo(b)fluoranthene	22.92	252	53649	1.58	ng/ul#	89
91) Benzo(a)pyrene	23.50	252	37994	1.18	ng/ul#	91

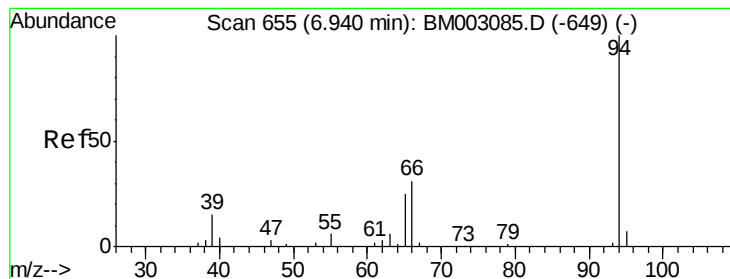
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.02 ng/ul

RT: 6.94 min Scan# 655

Delta R.T. -0.00 min

Lab File: BM003092.D

Acq: 11 Nov 2015 19:23

Instrument :

BNA_M

ClientSampleId :

A4HR7

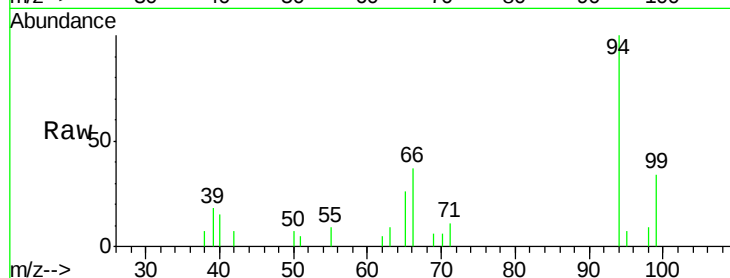
Tgt Ion: 94 Resp: 10697

Ion Ratio Lower Upper

94 100

65 25.5 18.7 28.1

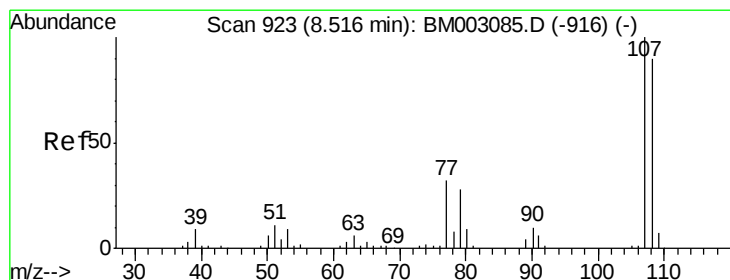
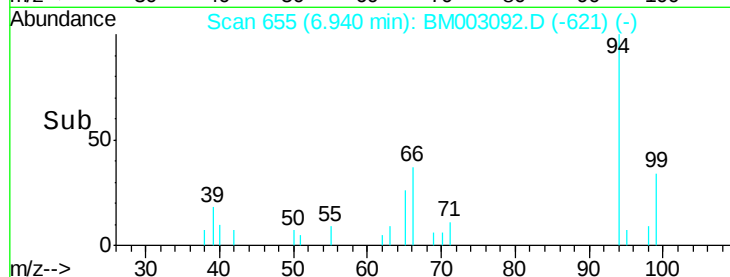
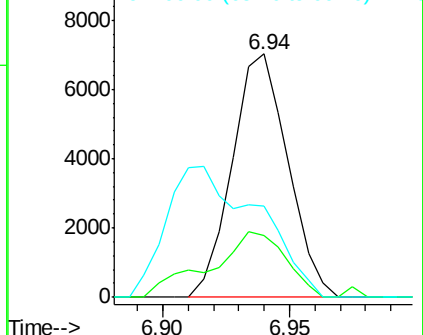
66 37.2 24.2 36.2#



Abundance Ion 94.00 (93.70 to 94.70): BM003085.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM003085.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM003085.D (-649) (-)



#16

4-Methylphenol

Concen: 1.64 ng/ul

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BM003092.D

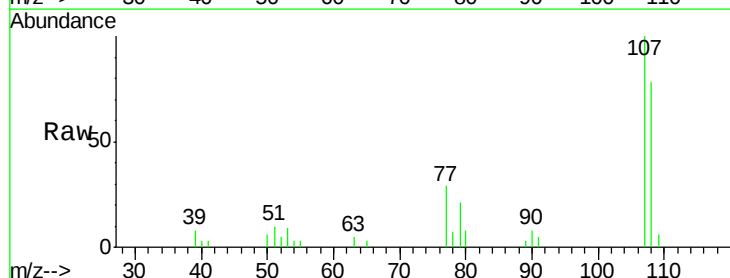
Acq: 11 Nov 2015 19:23

Tgt Ion: 108 Resp: 14454

Ion Ratio Lower Upper

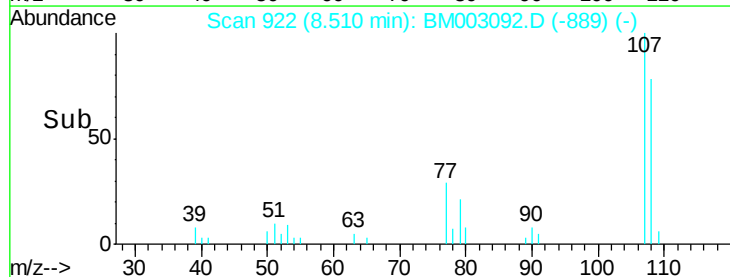
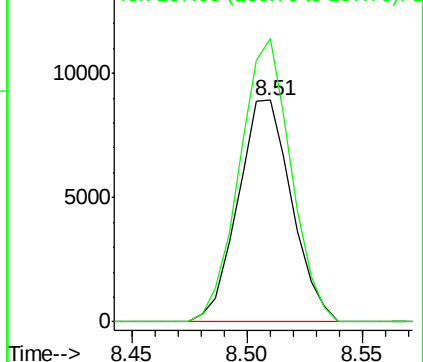
108 100

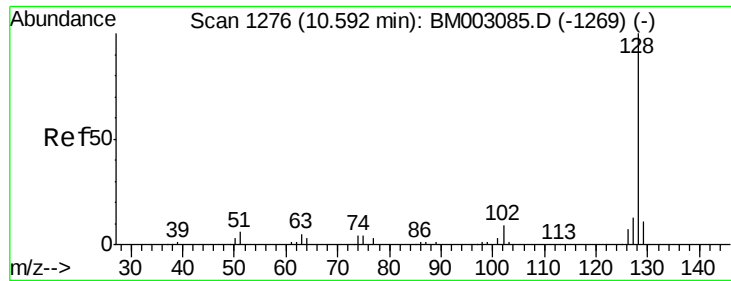
107 127.7 88.4 132.6



Abundance Ion 108.00 (107.70 to 108.70): BM003085.D (-916) (-)

Ion 107.00 (106.70 to 107.70): BM003085.D (-916) (-)

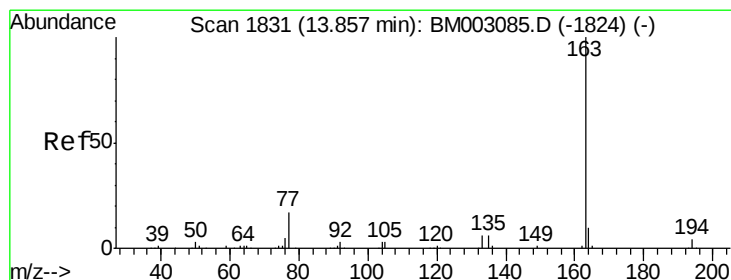
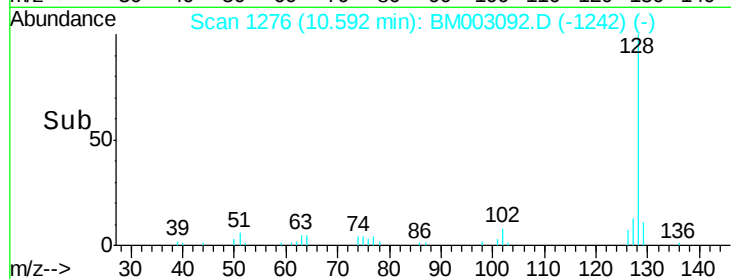
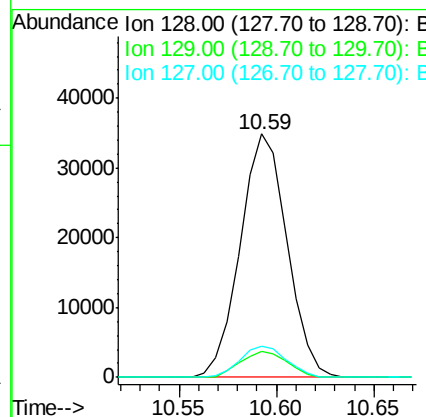
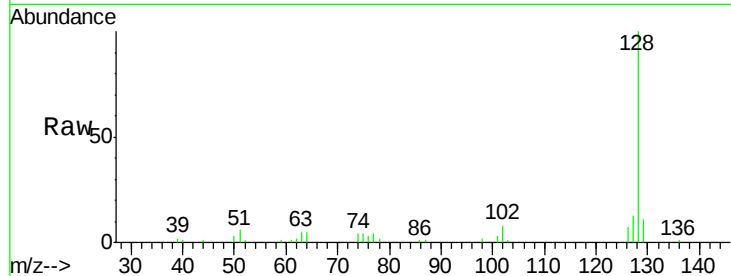




#28
Naphthalene
Concen: 1.99 ng/ul
RT: 10.59 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BM003092.D
Acq: 11 Nov 2015 19:23

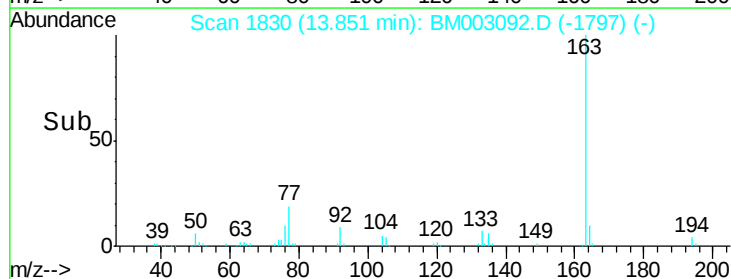
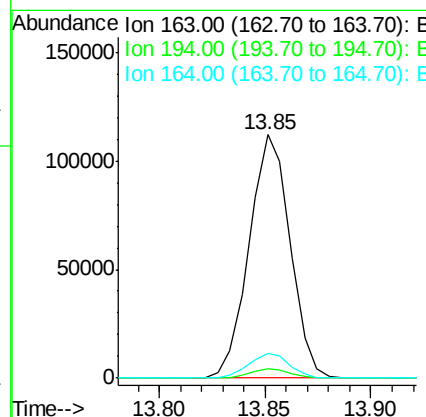
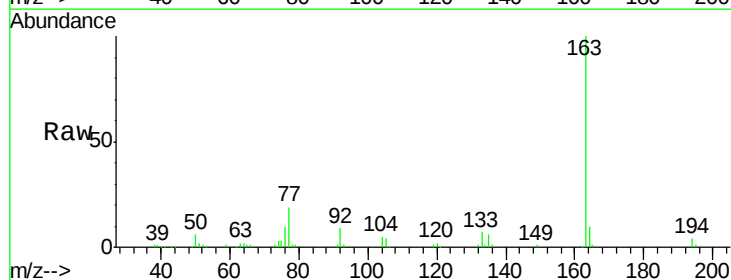
Instrument :
BNA_M
ClientSampleId :
A4HR7

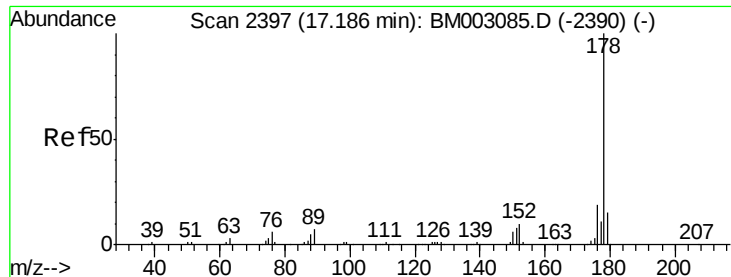
Tgt Ion:128 Resp: 57980
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.8 10.5 15.7



#45
Dimethylphthalate
Concen: 6.23 ng/ul
RT: 13.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BM003092.D
Acq: 11 Nov 2015 19:23

Tgt Ion:163 Resp: 151002
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 7.8 11.8





#70

Phenanthrene

Concen: 2.38 ng/ul

RT: 17.18 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM003092.D

Acq: 11 Nov 2015 19:23

Instrument :

BNA_M

ClientSampleId :

A4HR7

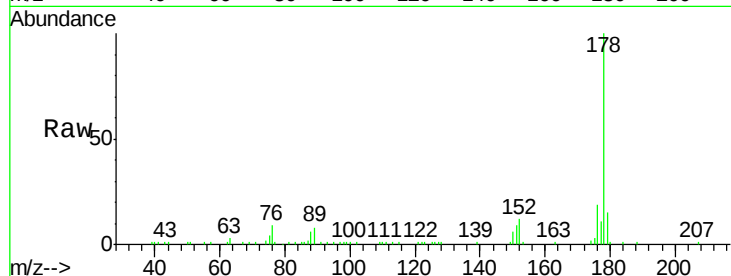
Tgt Ion:178 Resp: 85913

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

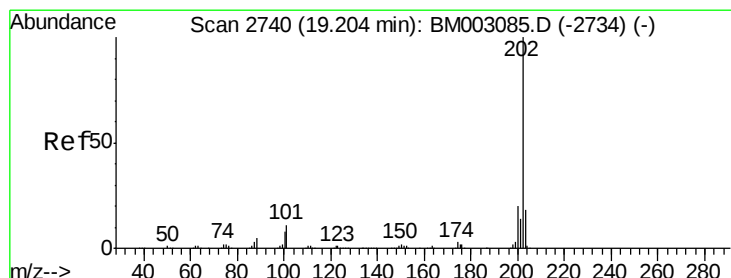
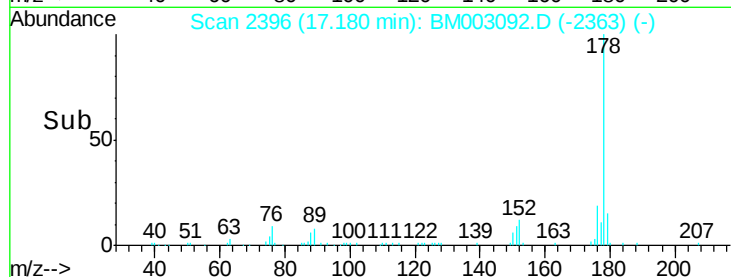
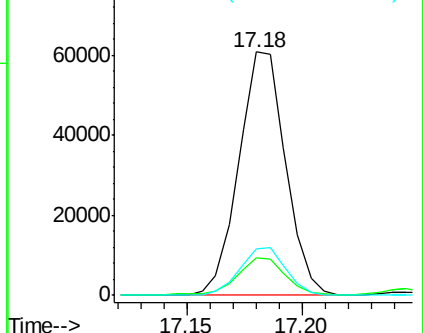
176 19.0 14.7 22.1



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: 2.80 ng/ul

RT: 19.20 min Scan# 2740

Delta R.T. -0.00 min

Lab File: BM003092.D

Acq: 11 Nov 2015 19:23

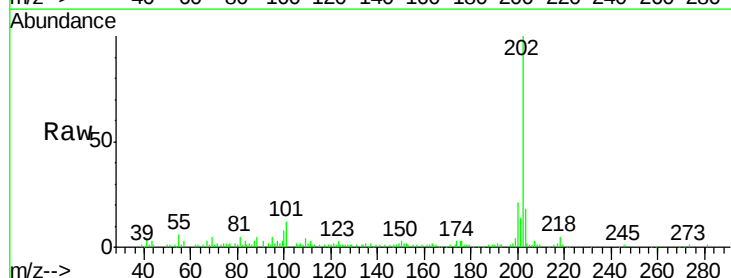
Tgt Ion:202 Resp: 102098

Ion Ratio Lower Upper

202 100

101 11.6 10.4 15.6

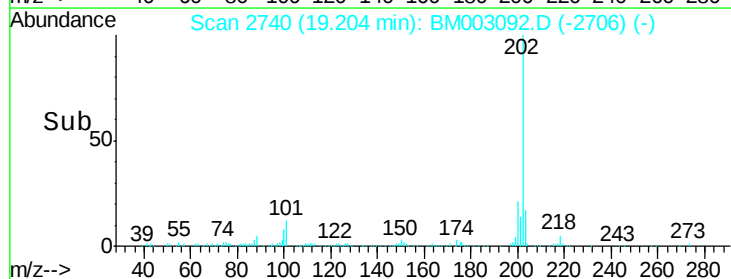
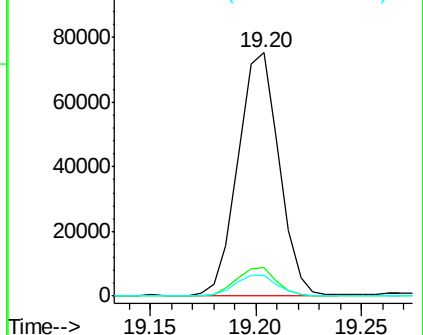
100 8.4 7.8 11.6

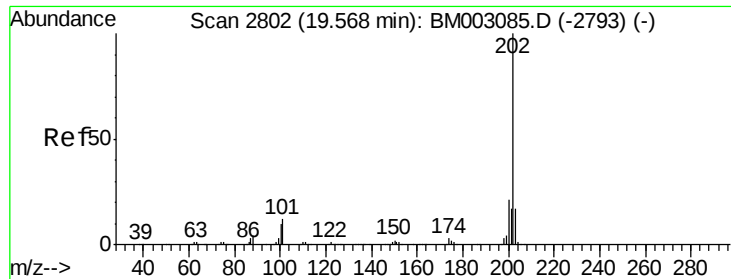


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

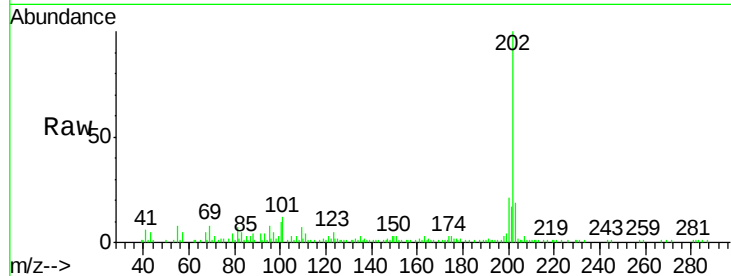




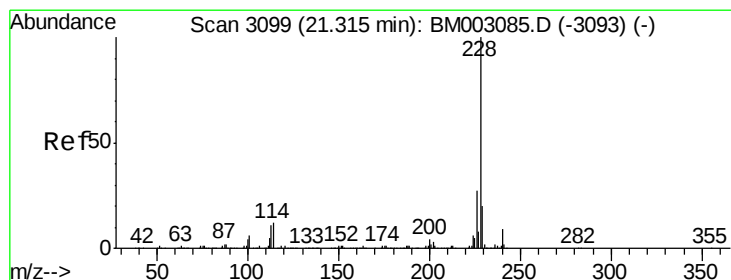
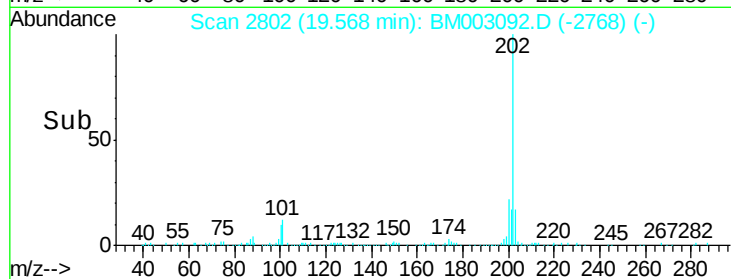
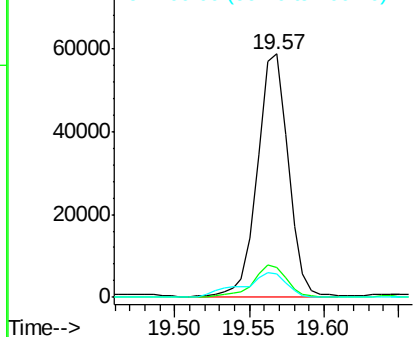
#80
Pyrene
Concen: 2.19 ng/ul
RT: 19.57 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BM003092.D
Acq: 11 Nov 2015 19:23

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BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	12.6	18.8#
100	9.7	10.6	15.8#

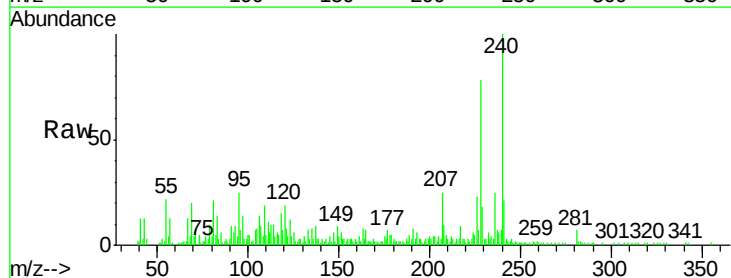


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

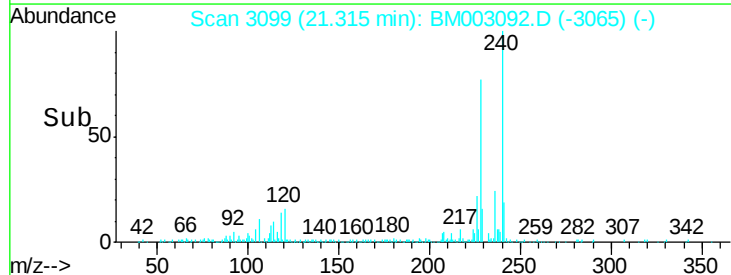
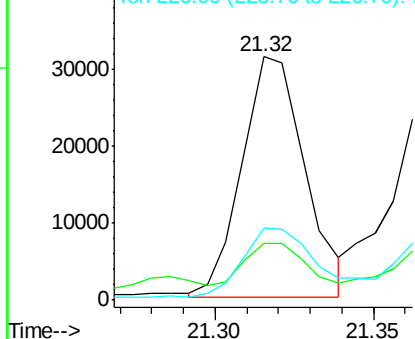


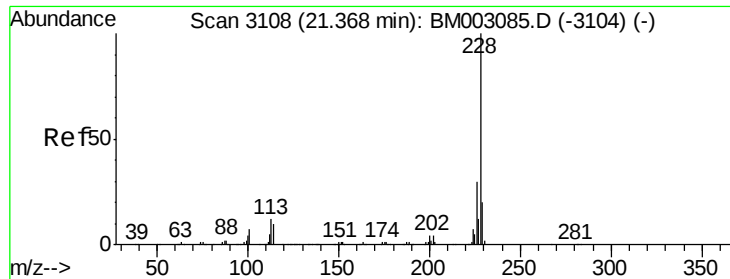
#83
Benzo(a)anthracene
Concen: 1.33 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM003092.D
Acq: 11 Nov 2015 19:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.6	23.4#
226	29.6	21.0	31.6



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





#85

Chrysene

Concen: 1.35 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. -0.05 min

Lab File: BM003092.D

Acq: 11 Nov 2015 19:23

Instrument :

BNA_M

ClientSampleId :

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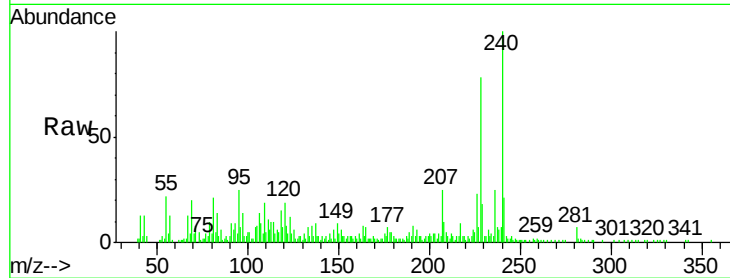
Tgt Ion:228 Resp: 43346

Ion Ratio Lower Upper

228 100

226 29.6 23.3 34.9

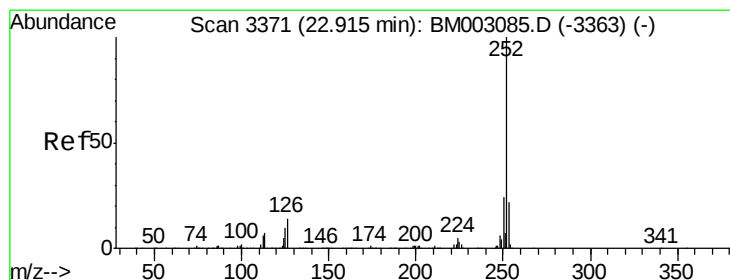
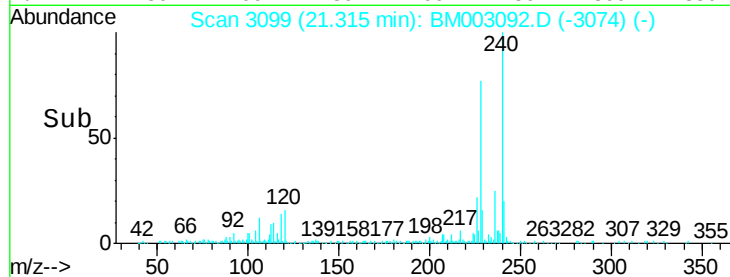
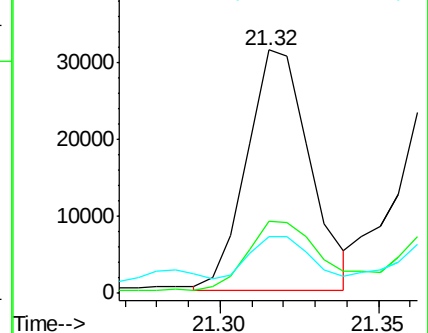
229 23.4 15.8 23.6



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: 1.58 ng/ul

RT: 22.92 min Scan# 3372

Delta R.T. 0.01 min

Lab File: BM003092.D

Acq: 11 Nov 2015 19:23

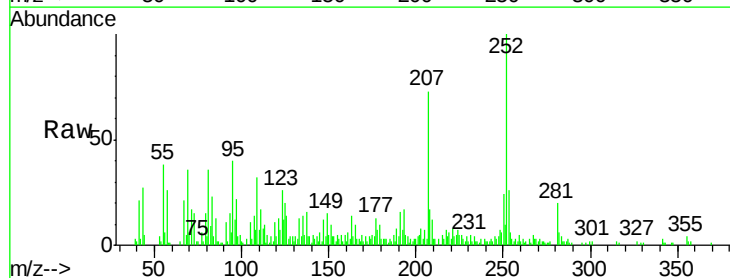
Tgt Ion:252 Resp: 53649

Ion Ratio Lower Upper

252 100

253 25.6 17.4 26.2

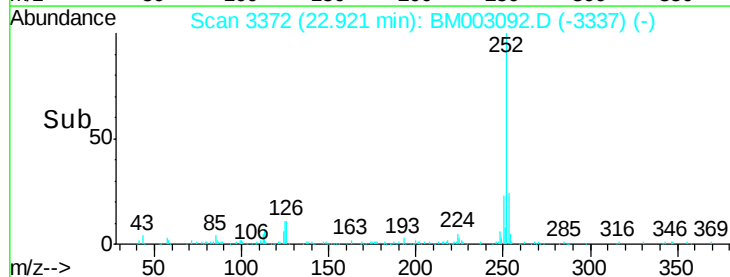
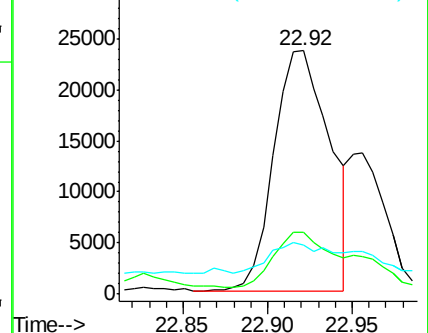
125 20.1 10.7 16.1#

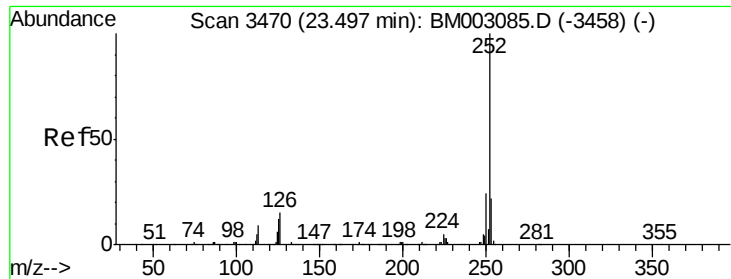


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.18 ng/ul

RT: 23.50 min Scan# 3470

Delta R.T. -0.00 min

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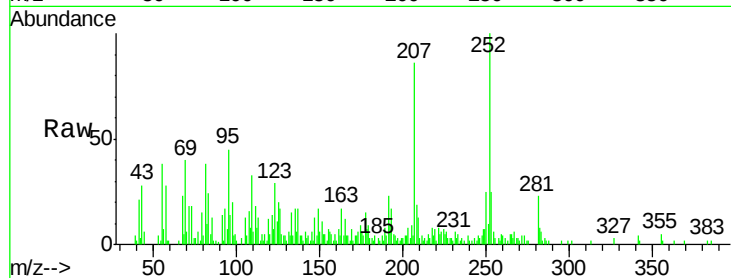
Tgt Ion:252 Resp: 37994

Ion Ratio Lower Upper

252 100

253 24.7 17.1 25.7

125 19.6 11.9 17.9#



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

