

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002026.D
 Acq On : 23 Jul 2015 21:01
 Operator : TP/UM
 Sample : G3000-21RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02J8RE

Quant Time: Jul 24 03:49:58 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	7.62	152	68206	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	262165	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	148083	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	322887	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	367112	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	375650	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	2171	1.56	ng/uL	0.00
5) Phenol-d5	6.79	99	55119	9.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	29937	9.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	47784	10.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	35139	7.68	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	21193	10.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	21991	10.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	46537	10.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	34474	7.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	138297	11.58	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	147608	10.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	18612	9.20	ng/ul	0.00
57) Fluorene-d10	15.27	176	101753	9.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	1718	0.82	ng/ul	0.00
70) Anthracene-d10	17.13	188	149194	9.84	ng/ul	0.00
78) Pyrene-d10	19.43	212	156325	9.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	150276	7.91	ng/ul	0.00

Target Compounds

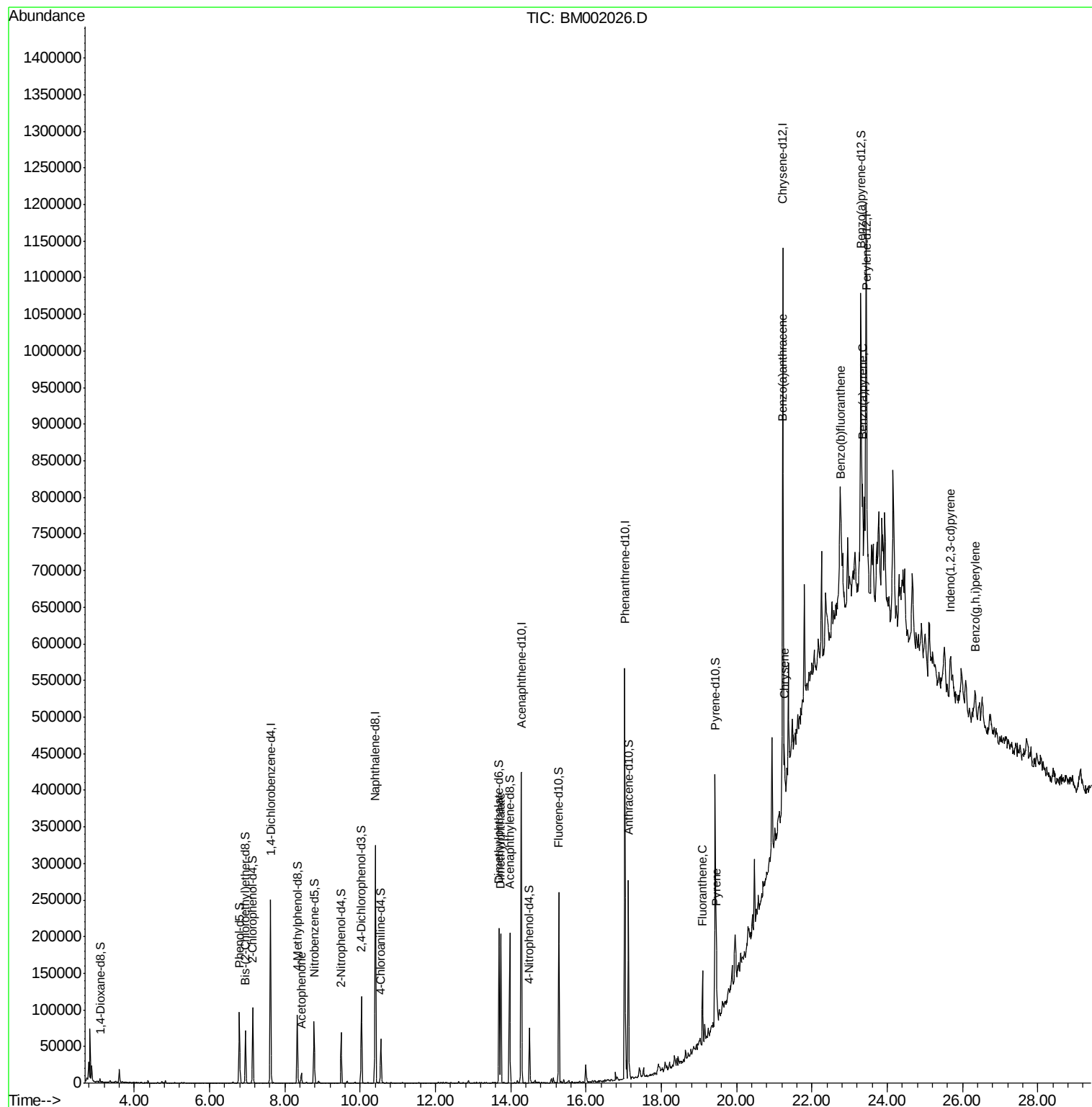
						Qvalue
14) Acetophenone	8.44	105	8755	1.21	ng/ul	93
44) Dimethylphthalate	13.73	163	130643	10.75	ng/ul	100
76) Fluoranthene	19.09	202	58574	2.86	ng/ul#	96
79) Pyrene	19.46	202	58740	2.67	ng/ul	98
82) Benzo(a)anthracene	21.21	228	37239	1.70	ng/ul#	86
84) Chrysene	21.26	228	46407	2.27	ng/ul#	93
87) Benzo(b)fluoranthene	22.77	252	67857	2.95	ng/ul#	70
90) Benzo(a)pyrene	23.34	252	43699	2.02	ng/ul#	79
91) Indeno(1,2,3-cd)pyrene	25.67	276	30271	1.33	ng/ul#	89
93) Benzo(g,h,i)perylene	26.35	276	30367	1.63	ng/ul#	82

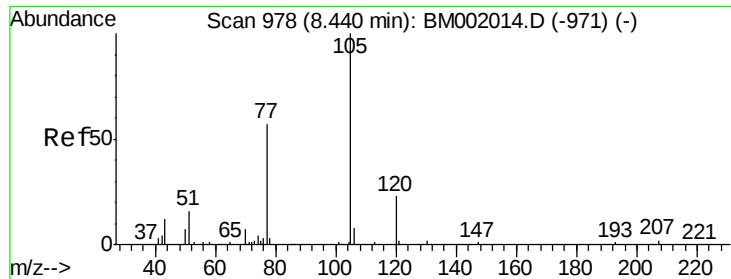
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#14

Acetophenone

Concen: 1.21 ng/ul

RT: 8.44 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM002026.D

Acq: 23 Jul 2015 21:01

Instrument :

BNA_M

ClientSampleId :

C02J8RE

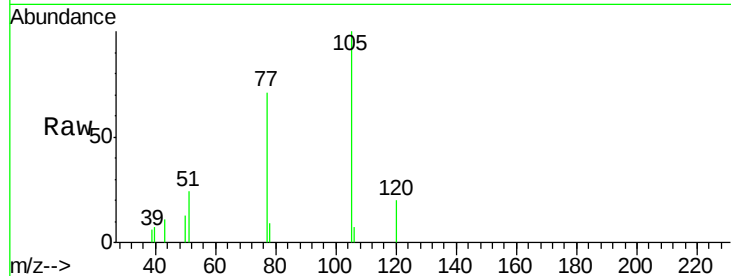
Tgt Ion:105 Resp: 8755

Ion Ratio Lower Upper

105 100

77 71.1 62.2 93.4

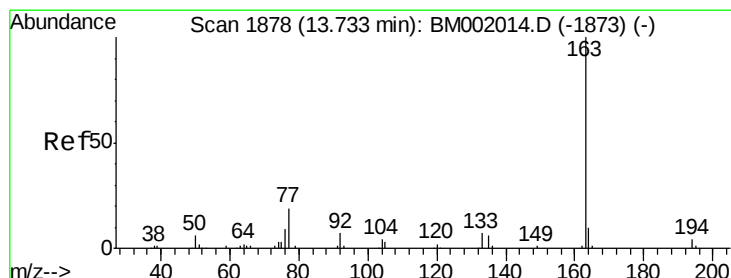
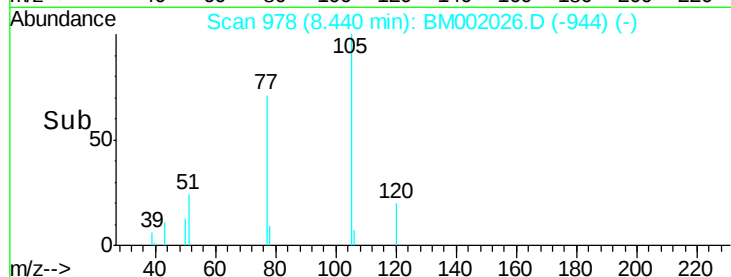
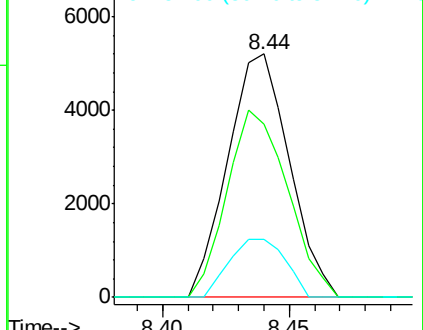
51 23.6 21.4 32.0



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#44

Dimethylphthalate

Concen: 10.75 ng/ul

RT: 13.73 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BM002026.D

Acq: 23 Jul 2015 21:01

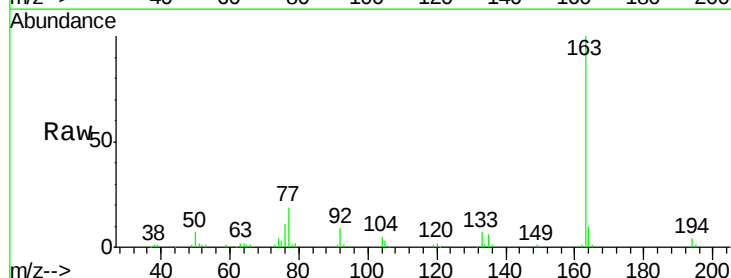
Tgt Ion:163 Resp: 130643

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

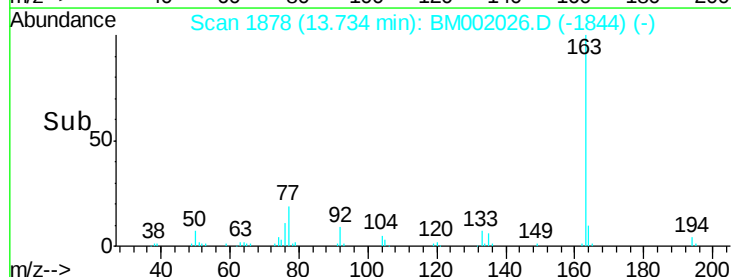
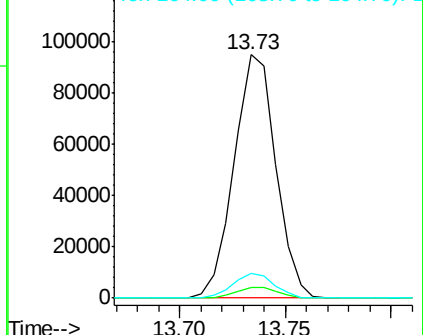
164 10.1 8.2 12.4

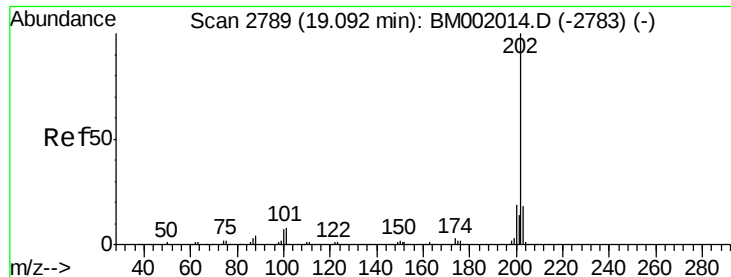


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#76

Fluoranthene

Concen: 2.86 ng/ul

RT: 19.09 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BM002026.D

Acq: 23 Jul 2015 21:01

Instrument :

BNA_M

ClientSampleId :

C02J8RE

Tgt Ion:202 Resp: 58574

Ion Ratio Lower Upper

202 100

101 8.9

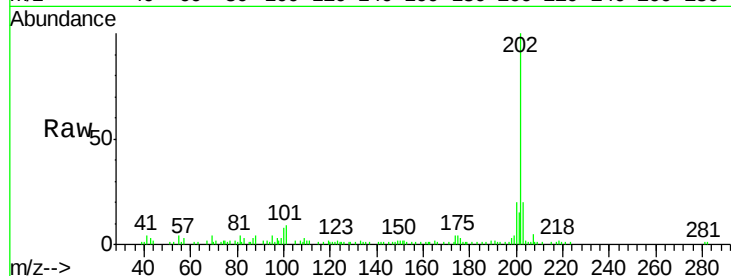
6.3

9.5

100 7.7

5.0

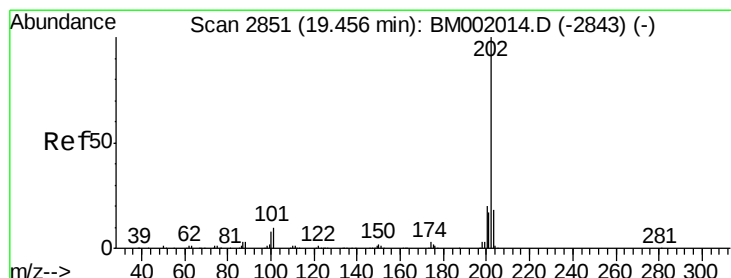
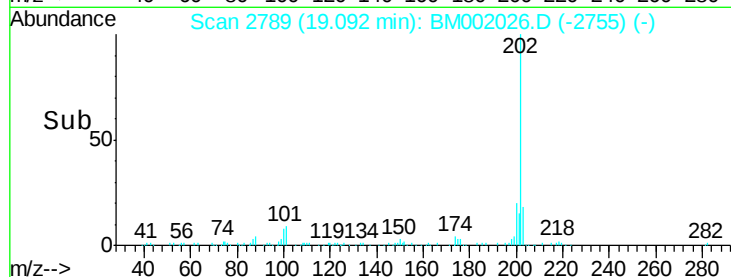
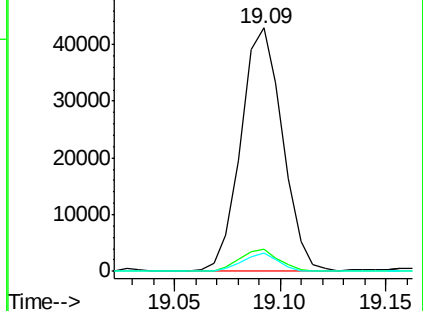
7.4#



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: 2.67 ng/ul

RT: 19.46 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BM002026.D

Acq: 23 Jul 2015 21:01

Tgt Ion:202 Resp: 58740

Ion Ratio Lower Upper

202 100

101 10.0

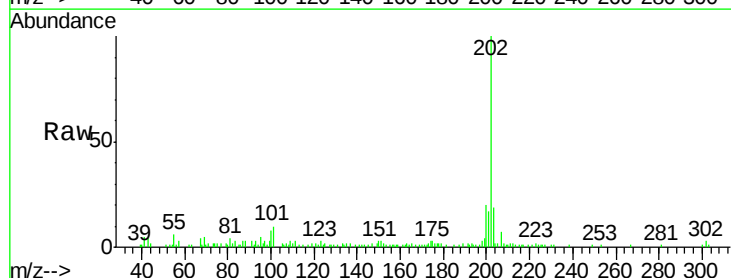
7.3

10.9

100 8.2

6.2

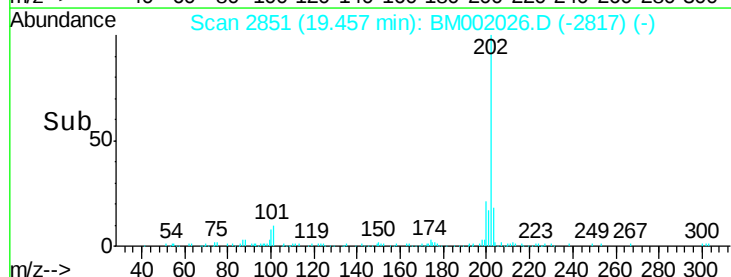
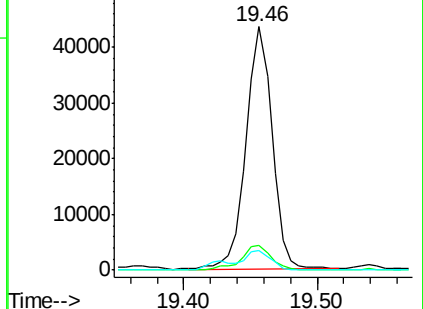
9.4

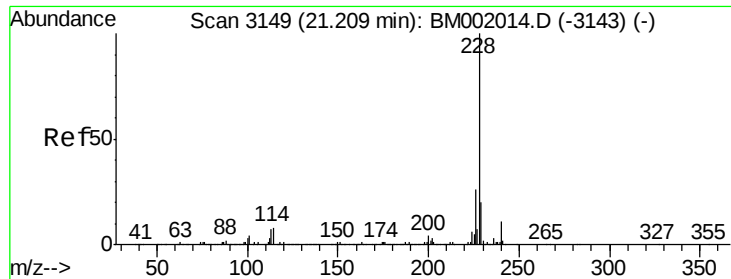


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.70 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BM002026.D

Acq: 23 Jul 2015 21:01

Instrument :

BNA_M

ClientSampleId :

C02J8RE

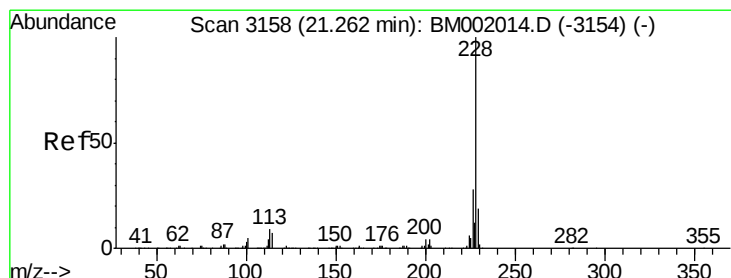
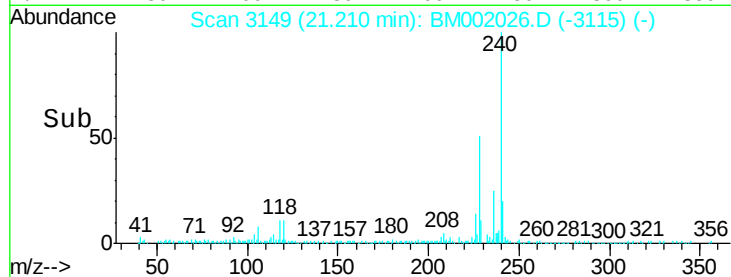
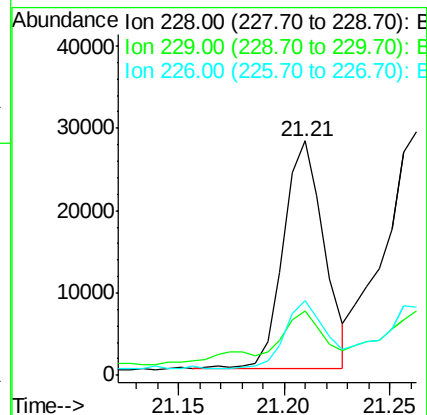
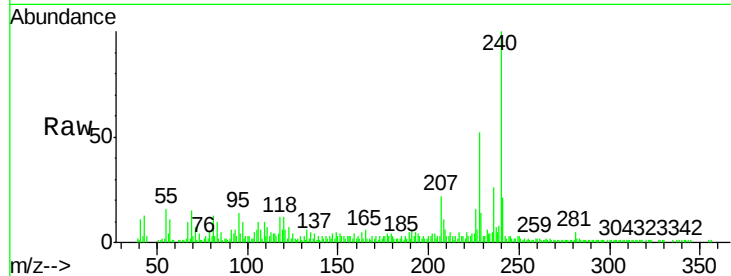
Tgt Ion:228 Resp: 37239

Ion Ratio Lower Upper

228 100

229 27.3 15.4 23.2#

226 31.6 20.7 31.1#



#84

Chrysene

Concen: 2.27 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BM002026.D

Acq: 23 Jul 2015 21:01

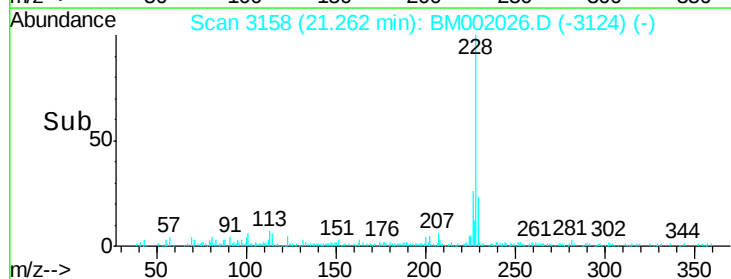
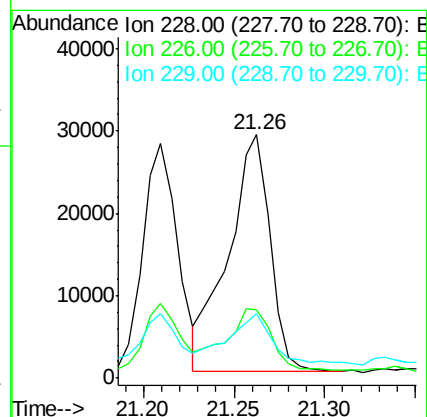
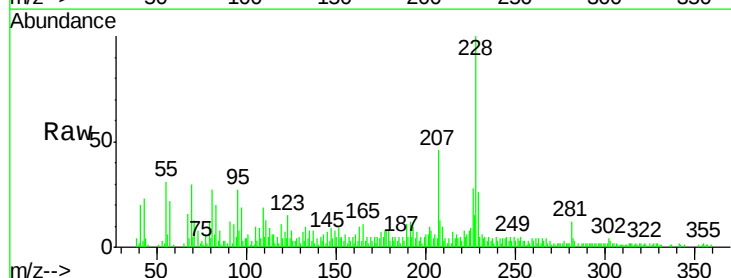
Tgt Ion:228 Resp: 46407

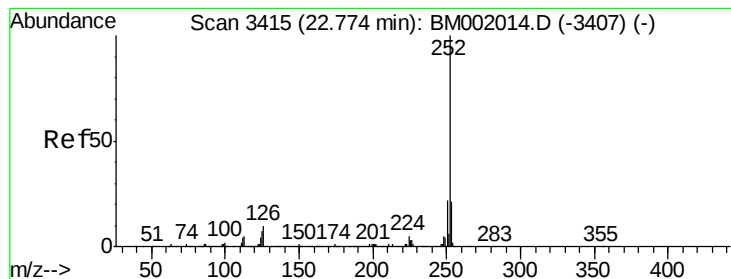
Ion Ratio Lower Upper

228 100

226 27.9 23.0 34.4

229 26.3 15.6 23.4#





#87

Benzo(b)fluoranthene

Concen: 2.95 ng/ul

RT: 22.77 min Scan# 3415

Delta R.T. 0.00 min

Lab File: BM002026.D

Acq: 23 Jul 2015 21:01

Instrument :

BNA_M

ClientSampleId :

C02J8RE

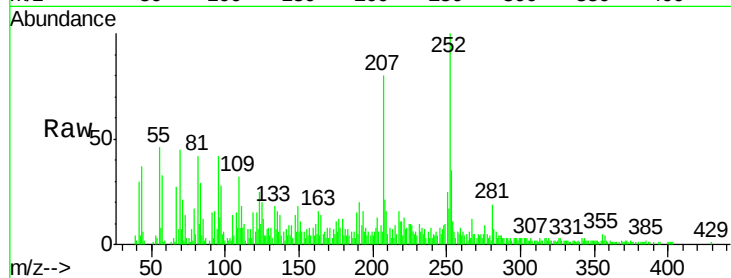
Tgt Ion:252 Resp: 67857

Ion Ratio Lower Upper

252 100

253 34.8 17.2 25.8#

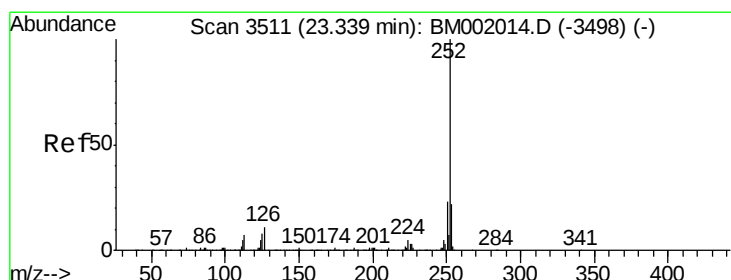
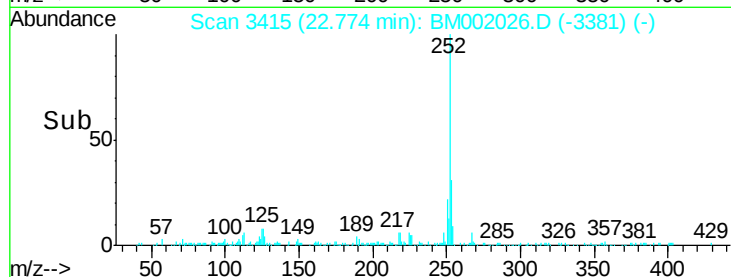
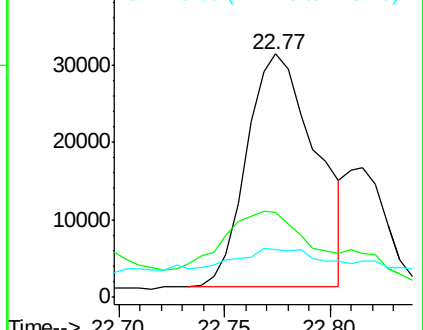
125 19.6 5.3 7.9#



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



#90

Benzo(a)pyrene

Concen: 2.02 ng/ul

RT: 23.34 min Scan# 3511

Delta R.T. 0.00 min

Lab File: BM002026.D

Acq: 23 Jul 2015 21:01

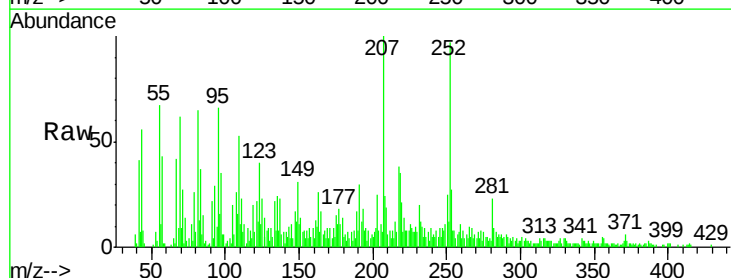
Tgt Ion:252 Resp: 43699

Ion Ratio Lower Upper

252 100

253 27.6 17.6 26.4#

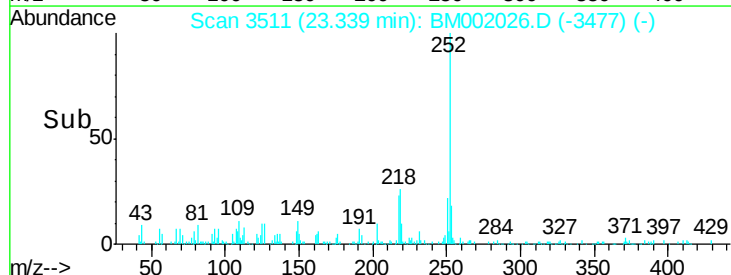
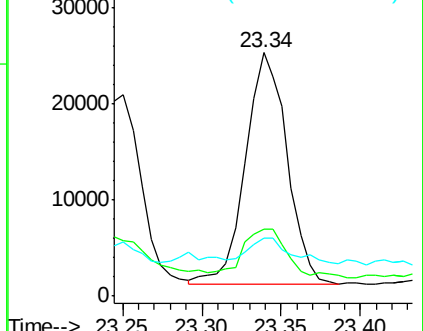
125 24.1 6.0 9.0#

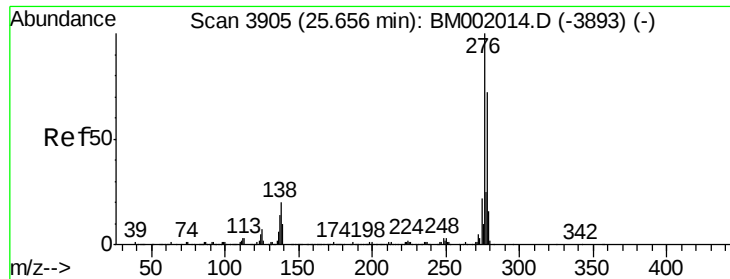


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.33 ng/ul

RT: 25.67 min Scan# 3907

Delta R.T. 0.01 min

Lab File: BM002026.D

Acq: 23 Jul 2015 21:01

Instrument :

BNA_M

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C02J8RE

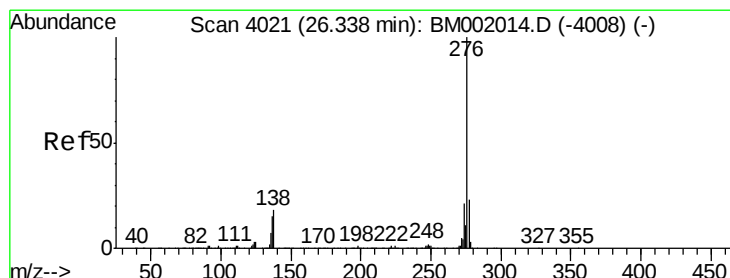
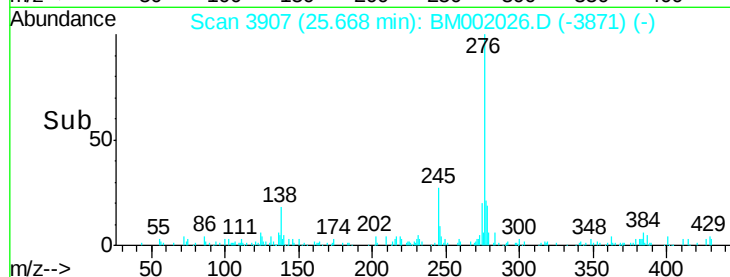
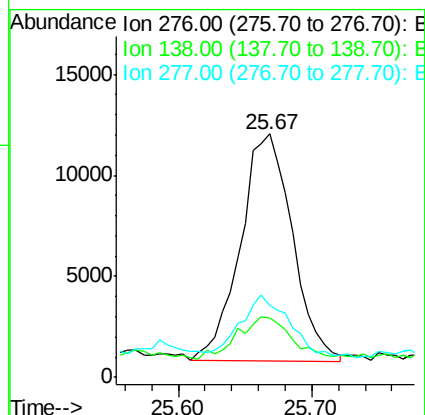
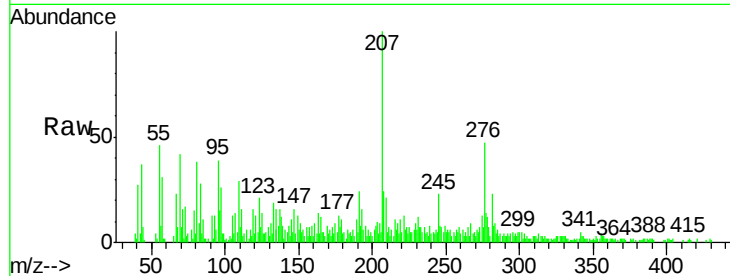
Tgt Ion:276 Resp: 30271

Ion Ratio Lower Upper

276 100

138 24.6 15.2 22.8#

277 29.8 20.1 30.1



#93

Benzo(g,h,i)perylene

Concen: 1.63 ng/ul

RT: 26.35 min Scan# 4023

Delta R.T. 0.01 min

Lab File: BM002026.D

Acq: 23 Jul 2015 21:01

Tgt Ion:276 Resp: 30367

Ion Ratio Lower Upper

276 100

138 24.4 12.7 19.1#

277 31.3 18.6 28.0#

