

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001983.D
 Acq On : 20 Jul 2015 20:42
 Operator : TP/UM
 Sample : G3000-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B1

Quant Time: Jul 21 02:05:10 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 01:37:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	95803	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	404461	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	250158	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	549563	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	519206	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	435561	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3406	1.74	ng/uL	0.00
5) Phenol-d5	6.82	99	93483	11.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	52139	12.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	76129	12.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	75270	11.72	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	33728	11.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	31763	9.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	84565	12.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	86416	12.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	250731	12.43	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	285420	11.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	36052	10.55	ng/ul	0.00
57) Fluorene-d10	15.30	176	205254	11.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	4432	1.25	ng/ul	0.00
70) Anthracene-d10	17.16	188	318138	12.33	ng/ul	0.00
78) Pyrene-d10	19.46	212	326461	13.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	235995	10.71	ng/ul	0.00

Target Compounds

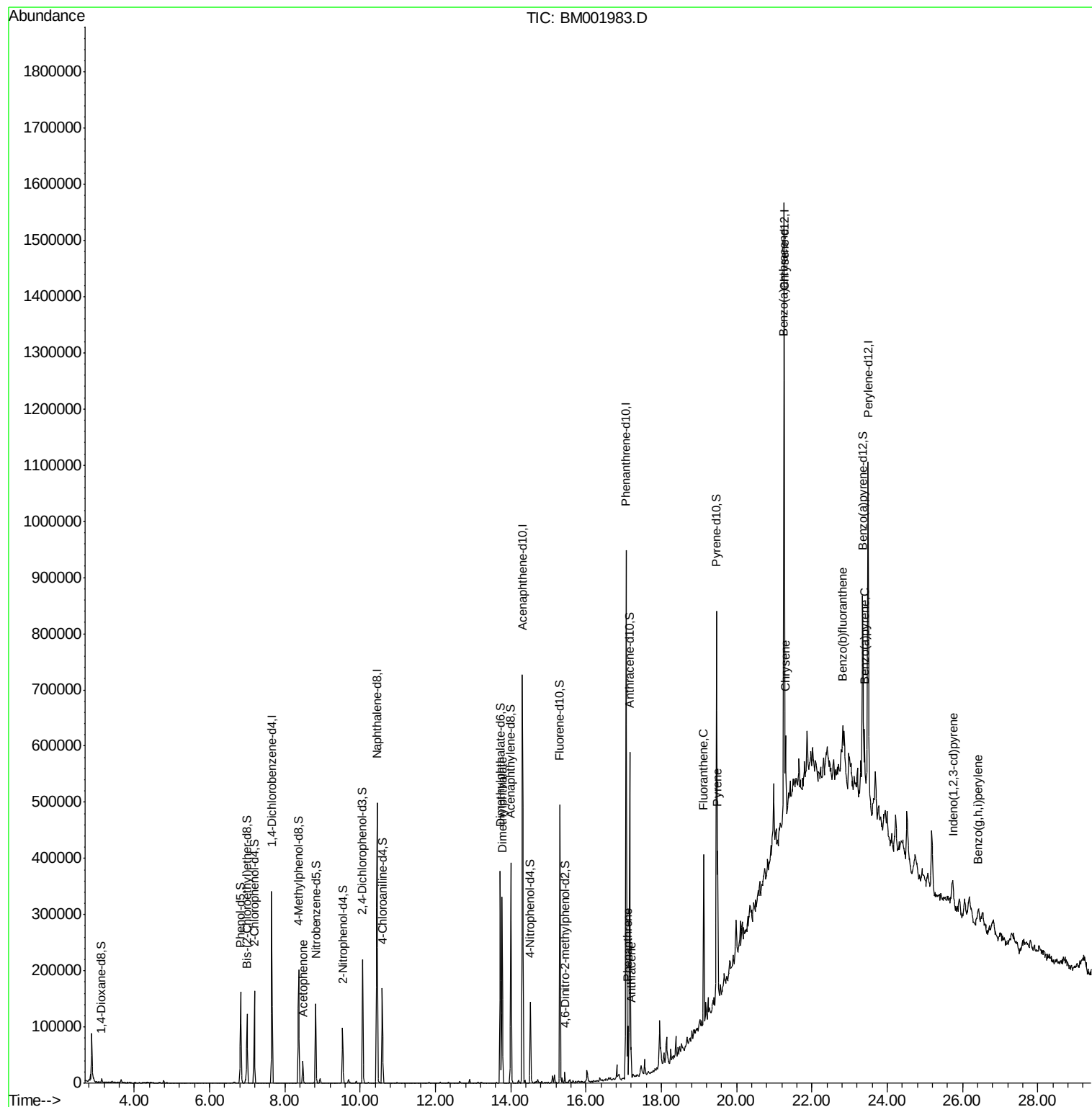
						Qvalue
14) Acetophenone	8.48	105	21498	2.12	ng/ul	97
44) Dimethylphthalate	13.77	163	207202	10.10	ng/ul	98
69) Phenanthrene	17.10	178	54479	1.83	ng/ul	98
71) Anthracene	17.19	178	33168	1.08	ng/ul	97
76) Fluoranthene	19.13	202	185345	5.33	ng/ul	98
79) Pyrene	19.49	202	164298	5.29	ng/ul	97
82) Benzo(a)anthracene	21.24	228	72380	2.34	ng/ul#	95
84) Chrysene	21.29	228	77165	2.67	ng/ul#	94
87) Benzo(b)fluoranthene	22.81	252	82319	3.08	ng/ul#	85
90) Benzo(a)pyrene	23.39	252	49630	1.98	ng/ul#	83
91) Indeno(1,2,3-cd)pyrene	25.73	276	32911	1.25	ng/ul	93
93) Benzo(g,h,i)perylene	26.41	276	30512	1.41	ng/ul#	89

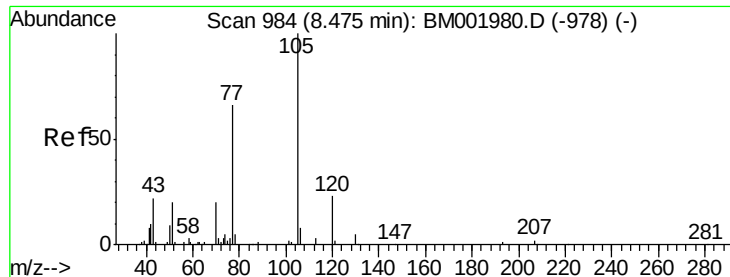
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 2.12 ng/ul

RT: 8.48 min Scan# 985

Delta R.T. 0.01 min

Lab File: BM001983.D

Acq: 20 Jul 2015 20:42

Instrument :

BNA_M

ClientSampleId :

C02B1

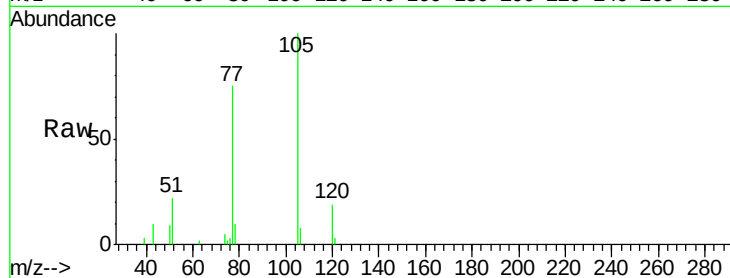
Tgt Ion:105 Resp: 21498

Ion Ratio Lower Upper

105 100

77 75.0 61.7 92.5

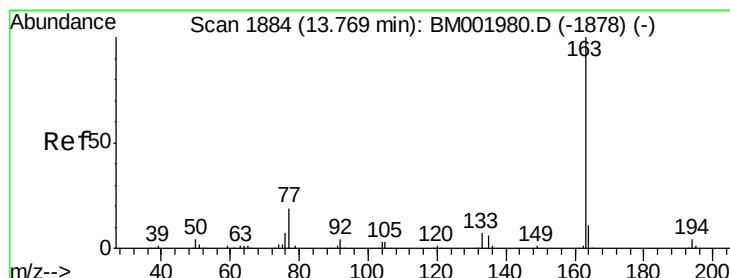
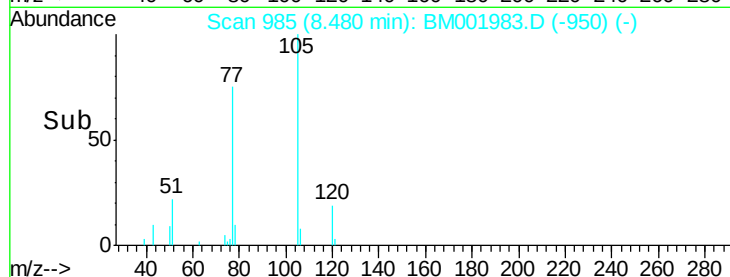
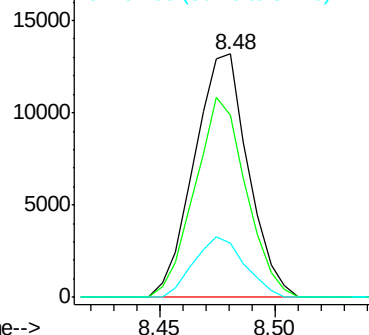
51 22.3 20.2 30.4



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: 10.10 ng/ul

RT: 13.77 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM001983.D

Acq: 20 Jul 2015 20:42

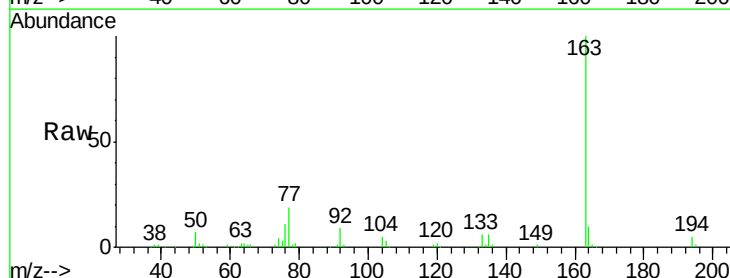
Tgt Ion:163 Resp: 207202

Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

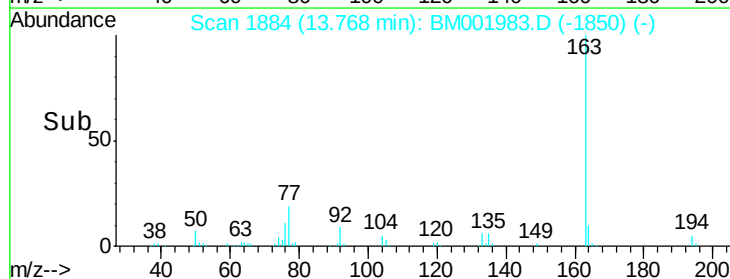
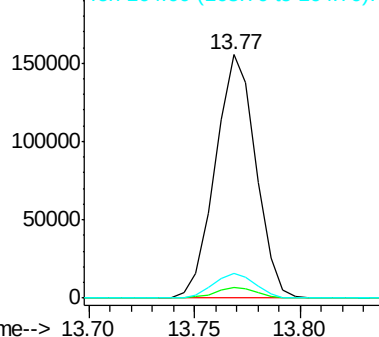
164 10.2 7.6 11.4

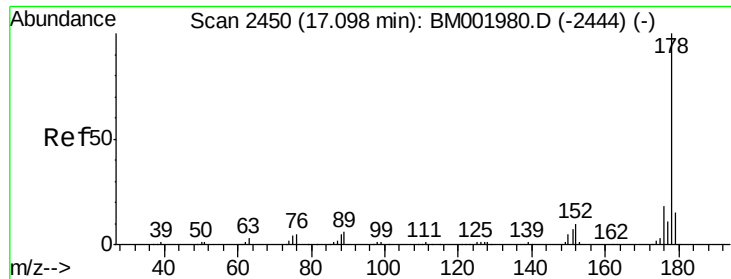


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.83 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BM001983.D

Acq: 20 Jul 2015 20:42

Instrument :

BNA_M

ClientSampleId :

C02B1

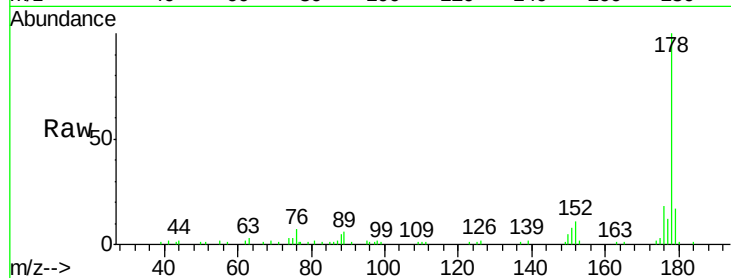
Tgt Ion:178 Resp: 54479

Ion Ratio Lower Upper

178 100

179 16.7 12.2 18.2

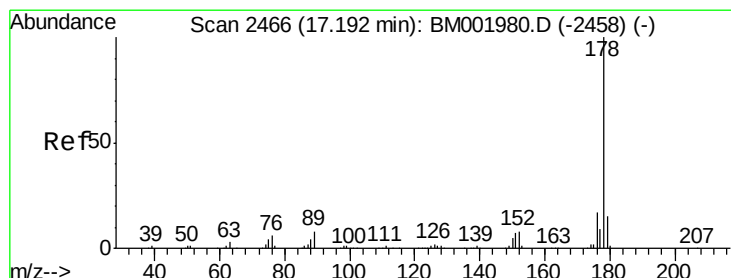
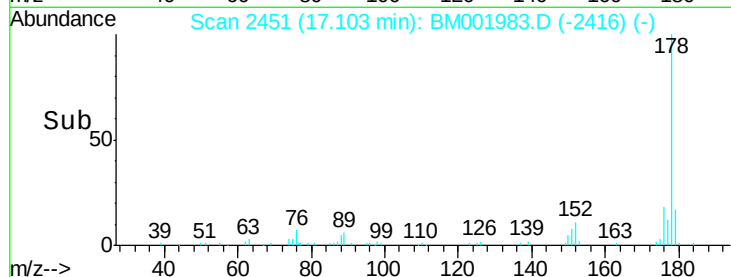
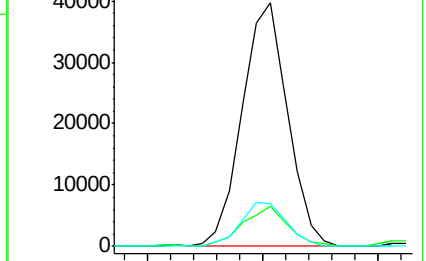
176 17.7 14.5 21.7



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



#71

Anthracene

Concen: 1.08 ng/ul

RT: 17.19 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BM001983.D

Acq: 20 Jul 2015 20:42

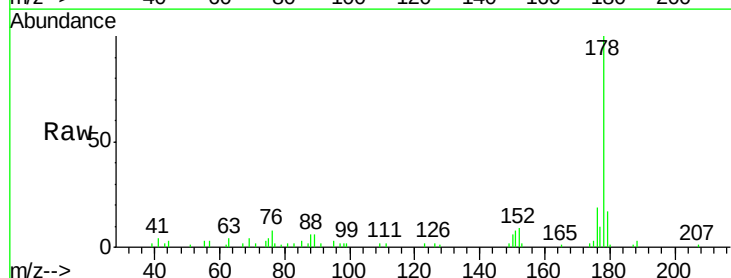
Tgt Ion:178 Resp: 33168

Ion Ratio Lower Upper

178 100

179 17.0 12.4 18.6

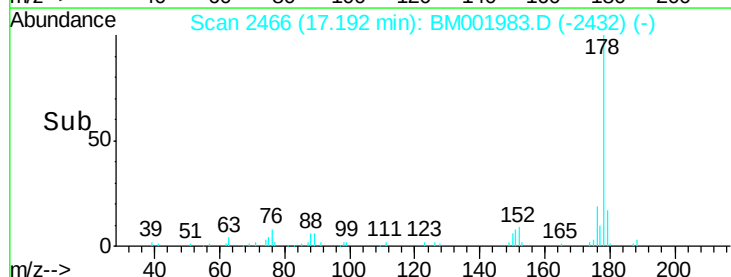
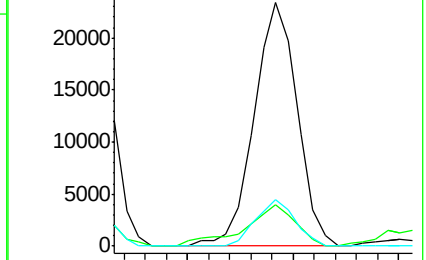
176 19.3 14.2 21.4

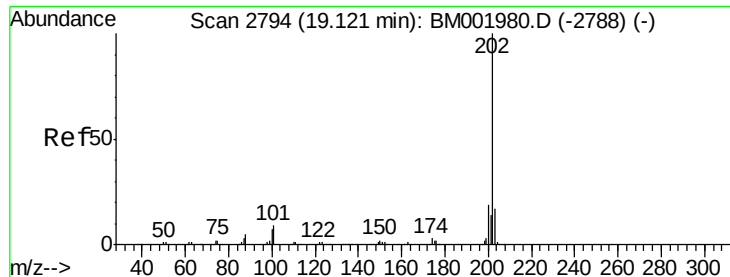


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

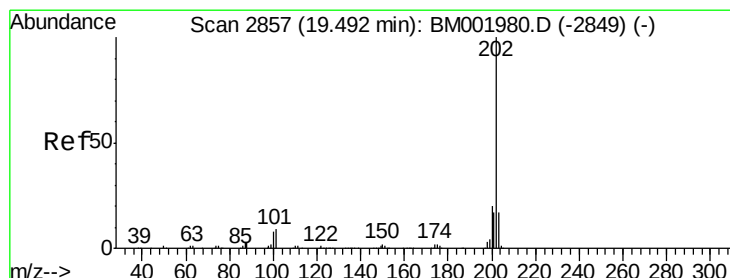
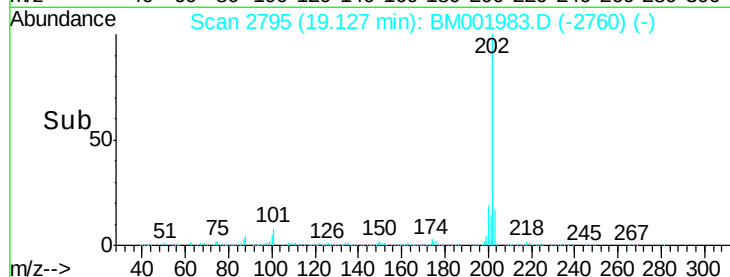
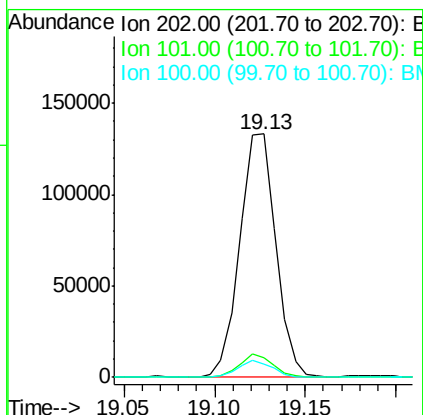
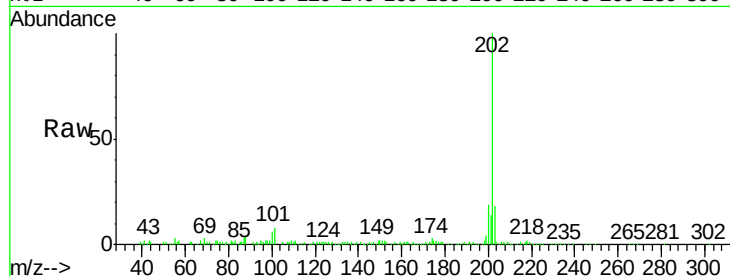




#76
Fluoranthene
Concen: 5.33 ng/ul
RT: 19.13 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BM001983.D
Acq: 20 Jul 2015 20:42

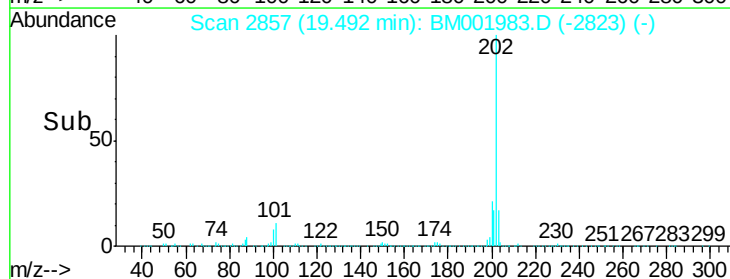
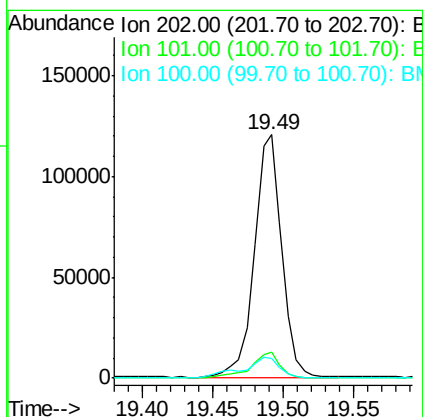
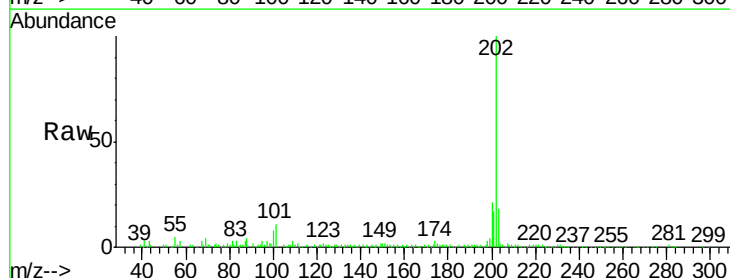
Instrument :
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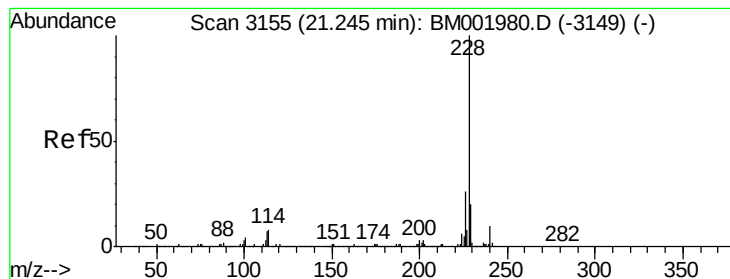
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.6	9.8
100	5.6	5.2	7.8



#79
Pyrene
Concen: 5.29 ng/ul
RT: 19.49 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BM001983.D
Acq: 20 Jul 2015 20:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.4	11.0
100	8.2	5.9	8.9





#82

Benzo(a)anthracene

Concen: 2.34 ng/ul

RT: 21.24 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BM001983.D

Acq: 20 Jul 2015 20:42

Instrument :

BNA_M

ClientSampleId :

C02B1

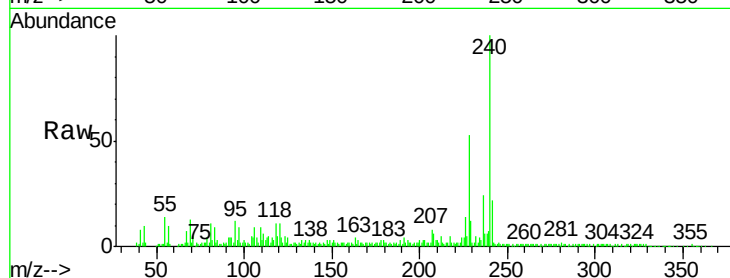
Tgt Ion:228 Resp: 72380

Ion Ratio Lower Upper

228 100

229 23.3 15.2 22.8#

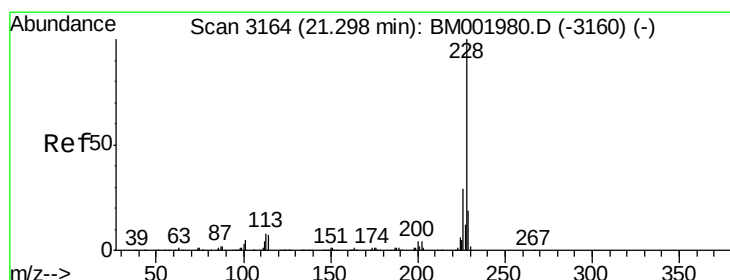
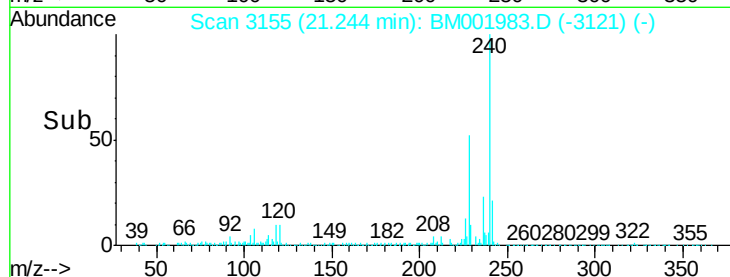
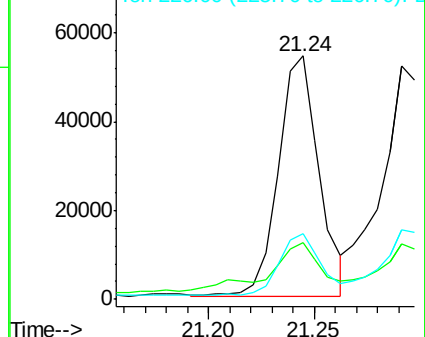
226 26.9 20.8 31.2



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

Chrysene

Concen: 2.67 ng/ul

RT: 21.29 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BM001983.D

Acq: 20 Jul 2015 20:42

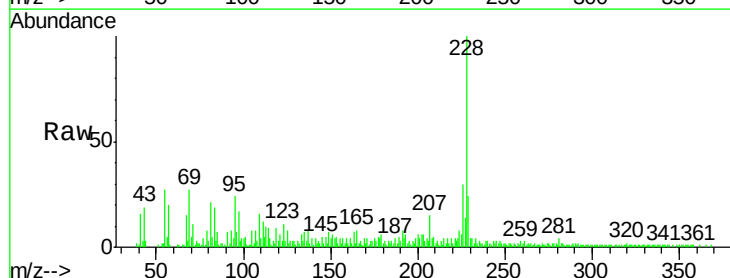
Tgt Ion:228 Resp: 77165

Ion Ratio Lower Upper

228 100

226 29.6 22.6 33.8

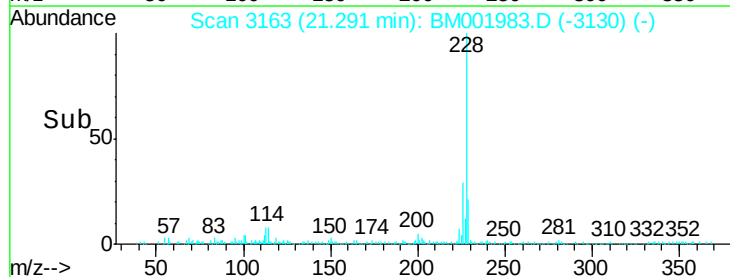
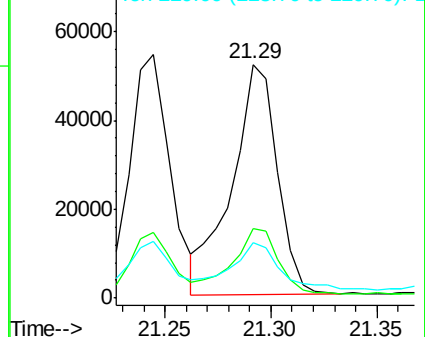
229 23.8 15.4 23.0#

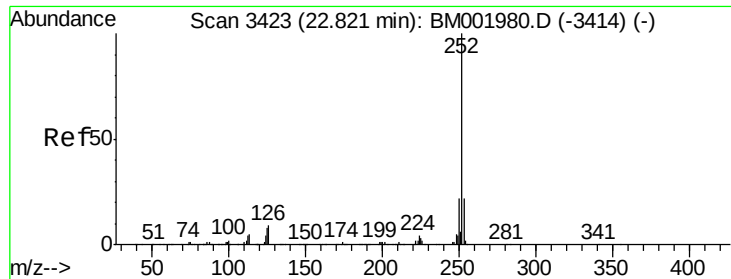


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 3.08 ng/ul

RT: 22.81 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM001983.D

Acq: 20 Jul 2015 20:42

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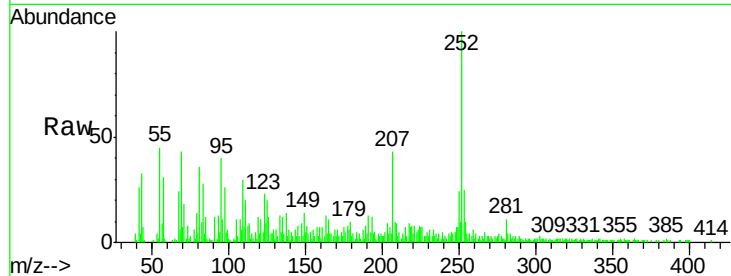
Tgt Ion:252 Resp: 82319

Ion Ratio Lower Upper

252 100

253 25.4 17.6 26.4

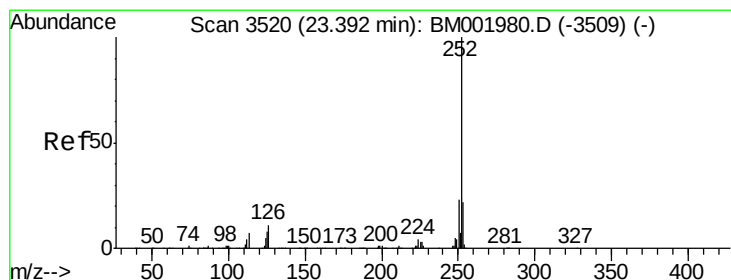
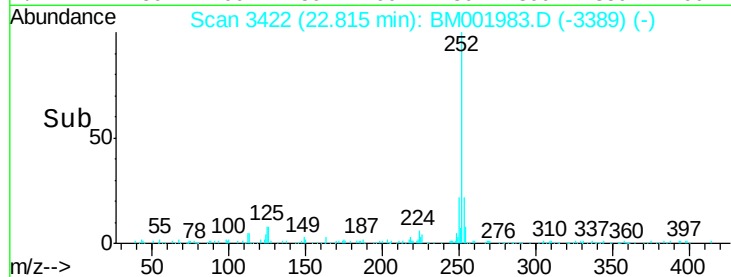
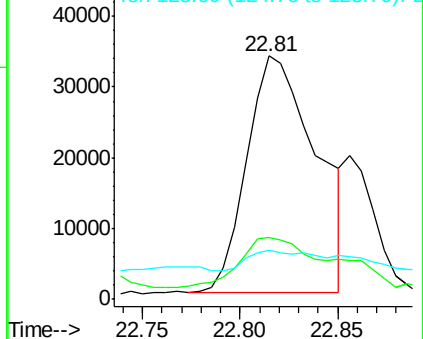
125 20.3 6.1 9.1#



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



#90

Benzo(a)pyrene

Concen: 1.98 ng/ul

RT: 23.39 min Scan# 3520

Delta R.T. -0.00 min

Lab File: BM001983.D

Acq: 20 Jul 2015 20:42

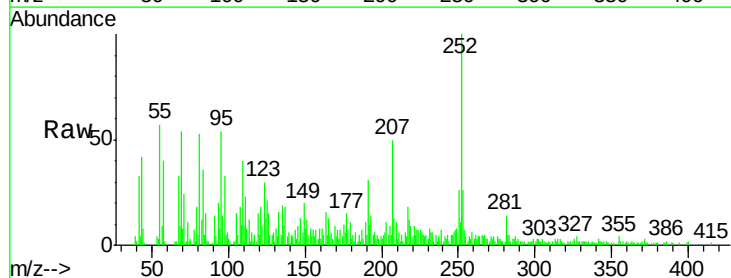
Tgt Ion:252 Resp: 49630

Ion Ratio Lower Upper

252 100

253 26.4 17.4 26.2#

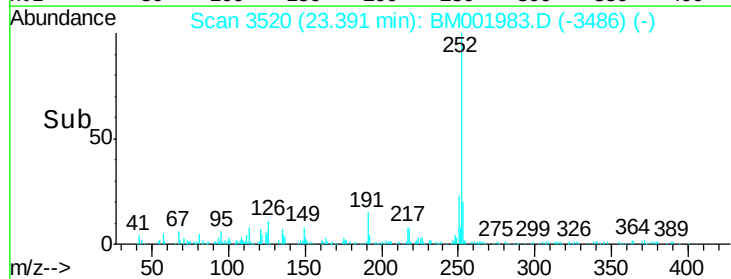
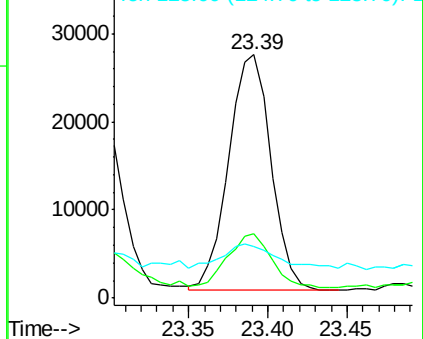
125 21.1 6.4 9.6#

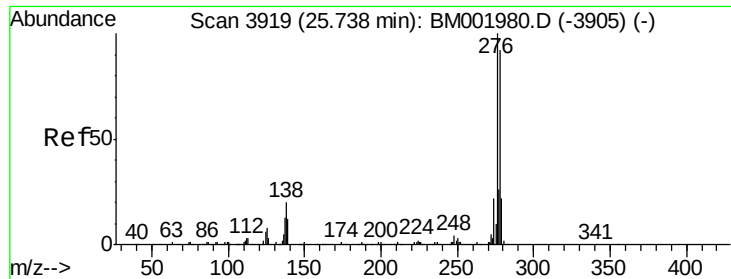


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.25 ng/ul

RT: 25.73 min Scan# 3918

Delta R.T. -0.01 min

Lab File: BM001983.D

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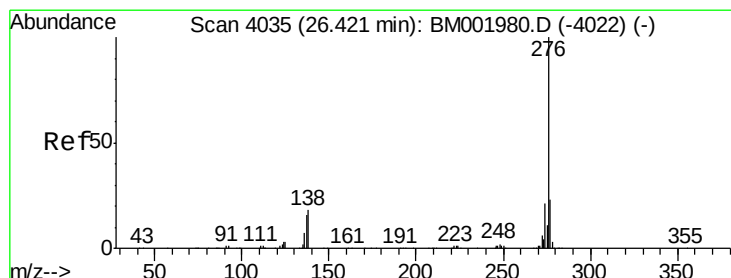
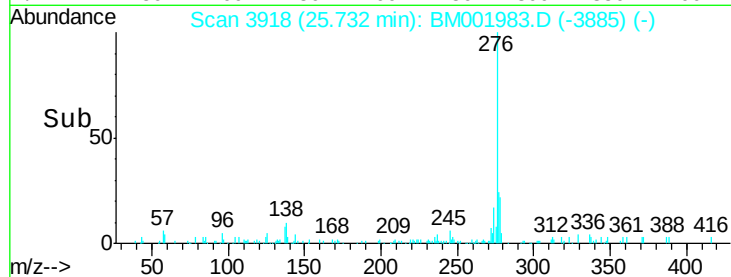
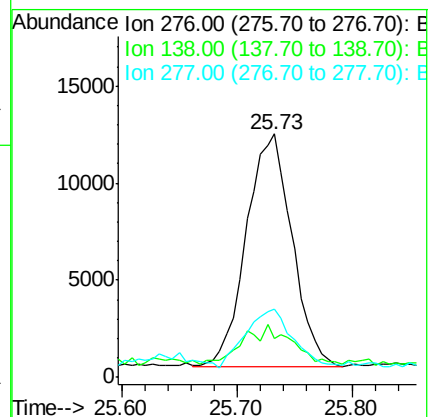
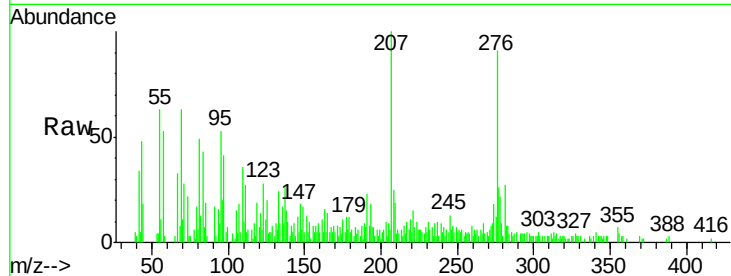
Tgt Ion:276 Resp: 32911

Ion Ratio Lower Upper

276 100

138 16.2 15.4 23.0

277 28.1 19.9 29.9



#93

Benzo(g,h,i)perylene

Concen: 1.41 ng/ul

RT: 26.41 min Scan# 4034

Delta R.T. -0.01 min

Lab File: BM001983.D

Acq: 20 Jul 2015 20:42

Tgt Ion:276 Resp: 30512

Ion Ratio Lower Upper

276 100

138 22.6 13.3 19.9#

277 27.7 18.6 27.8

