

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
 Data File : BM007803.D
 Acq On : 09 Nov 2016 18:43
 Operator : UM/SJ
 Sample : H5554-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N88

Quant Time: Nov 09 23:52:39 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 09 23:34:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	183738	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	708953	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	455004	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	913642	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1177650	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1206952	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	20827	4.86	ng/uL	0.00
5) Phenol-d5	6.92	99	396402	27.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	245560	29.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	318995	29.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	228125	20.56	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	161225	31.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	176737	32.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	307446	28.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	320455	26.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1054845	34.05	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1224037	32.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	131627	26.87	ng/ul	0.00
57) Fluorene-d10	15.37	176	907543	33.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	138751	25.56	ng/ul	0.00
70) Anthracene-d10	17.22	188	1397546	33.94	ng/ul	0.00
76) Pyrene-d10	19.52	212	1788816	36.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1940936	36.83	ng/ul	0.00

Target Compounds

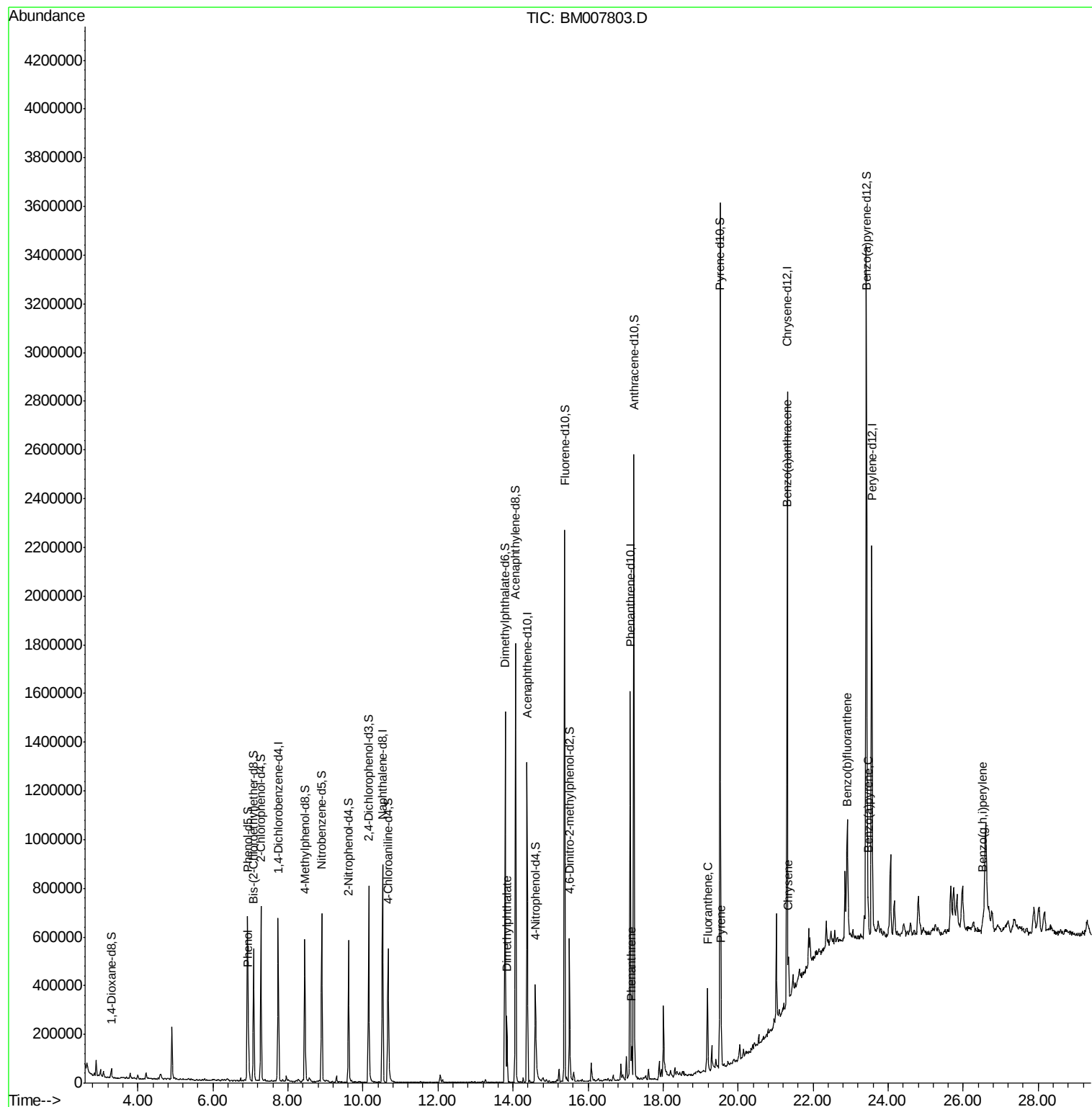
						Ovalue
6) Phenol	6.95	94	104083	7.15	ng/ul	97
44) Dimethylphthalate	13.84	163	172157	5.72	ng/ul	100
69) Phenanthrene	17.17	178	77170	1.59	ng/ul	98
74) Fluoranthene	19.19	202	200293	3.53	ng/ul	99
77) Pyrene	19.55	202	170742	2.81	ng/ul	100
80) Benzo(a)anthracene	21.30	228	87139	1.38	ng/ul	98
82) Chrysene	21.34	228	101056	1.67	ng/ul	96
85) Benzo(b)fluoranthene	22.89	252	163925	2.38	ng/ul#	92
88) Benzo(a)pyrene	23.46	252	103208	1.59	ng/ul	96
91) Benzo(a,h,i)perylene	26.53	276	74411	1.14	ng/ul	98

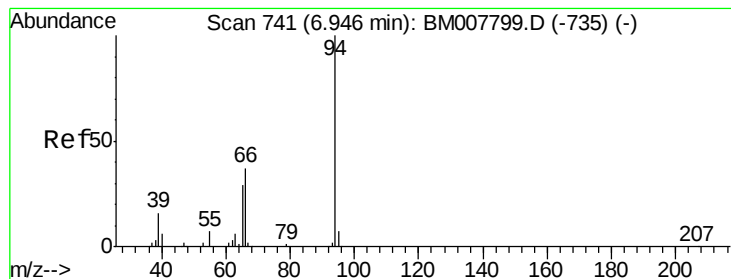
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 7.15 ng/ul

RT: 6.95 min Scan# 741

Delta R.T. -0.00 min

Lab File: BM007803.D

Acq: 09 Nov 2016 18:43

Instrument :

BNA_M

ClientSampleId :

E5N88

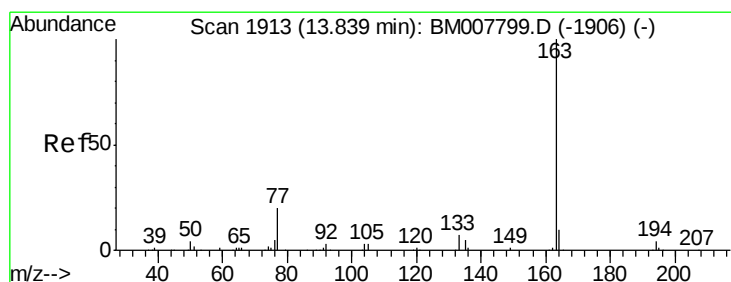
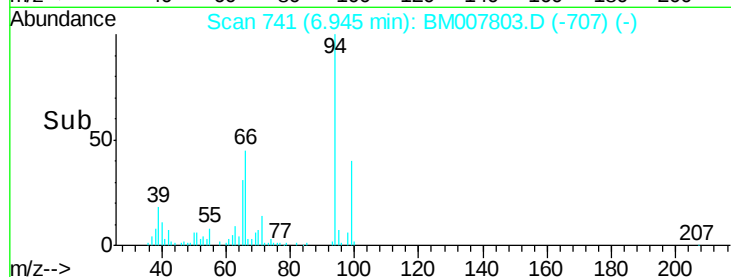
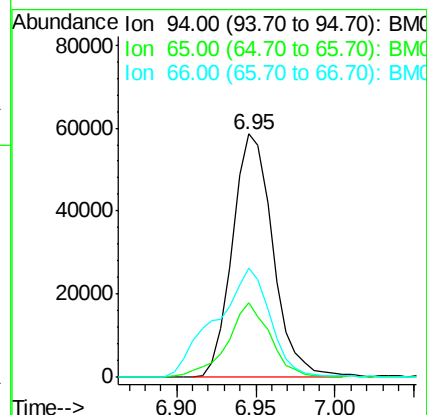
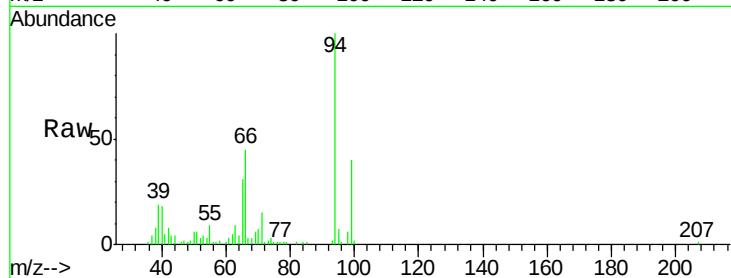
Tot Ion: 94 Resp: 104083

Ion Ratio Lower Upper

94 100

65 30.6 23.9 35.9

66 45.0 33.5 50.3



#44

Dimethylphthalate

Concen: 5.72 ng/ul

RT: 13.84 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BM007803.D

Acq: 09 Nov 2016 18:43

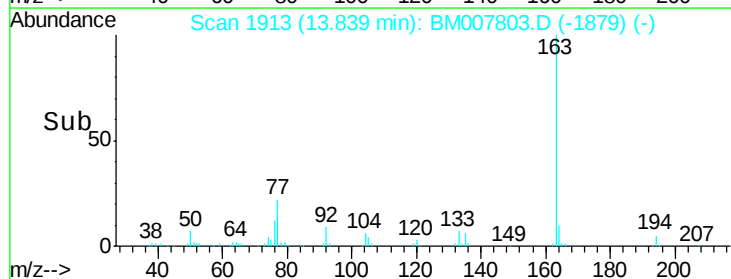
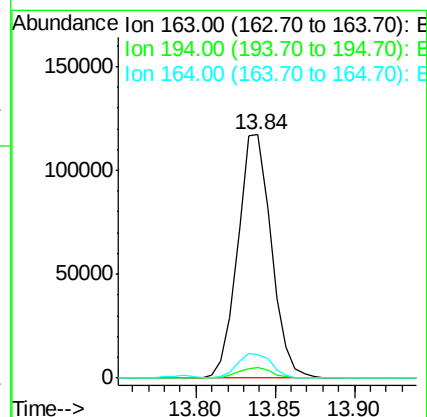
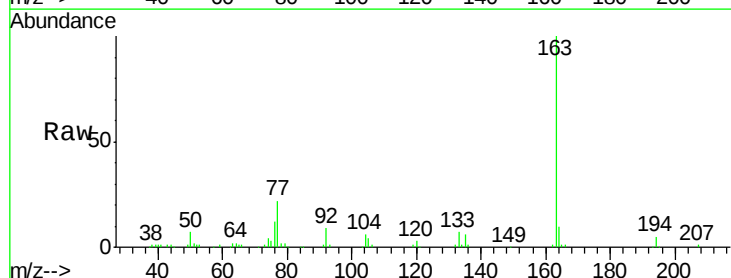
Tgt Ion: 163 Resp: 172157

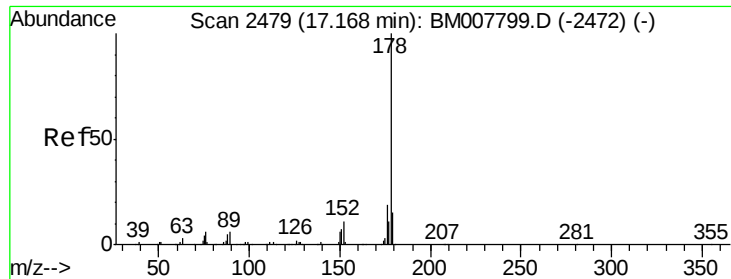
Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

164 9.7 7.8 11.8





#69

Phenanthrene

Concen: 1.59 ng/ul

RT: 17.17 min Scan# 2479

Delta R.T. -0.00 min

Lab File: BM007803.D

Acq: 09 Nov 2016 18:43

Instrument :

BNA_M

ClientSampleId :

E5N88

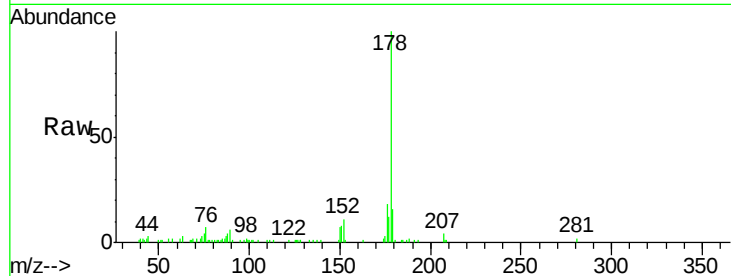
Tot Ion:178 Resp: 77170

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

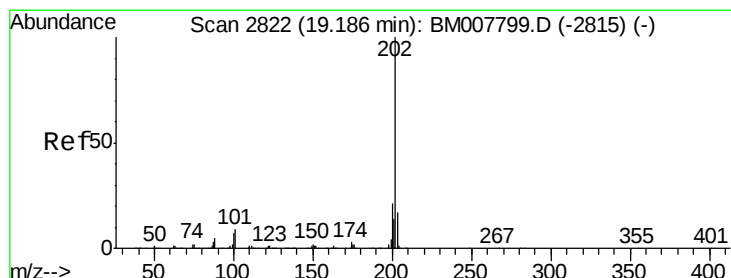
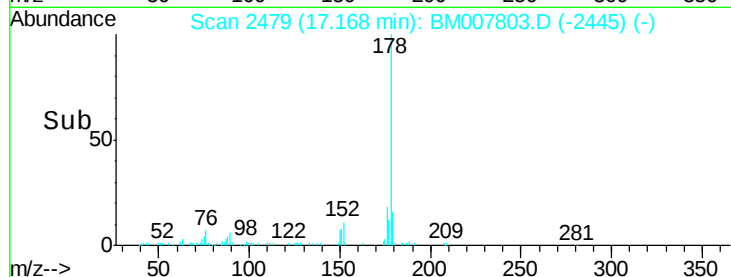
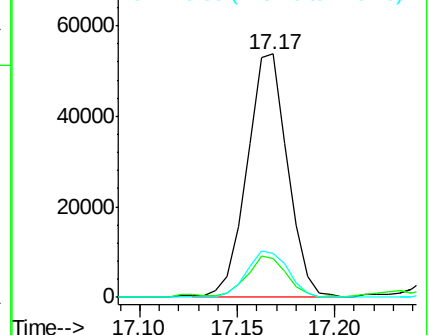
176 17.8 15.1 22.7



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



#74

Fluoranthene

Concen: 3.53 ng/ul

RT: 19.19 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM007803.D

Acq: 09 Nov 2016 18:43

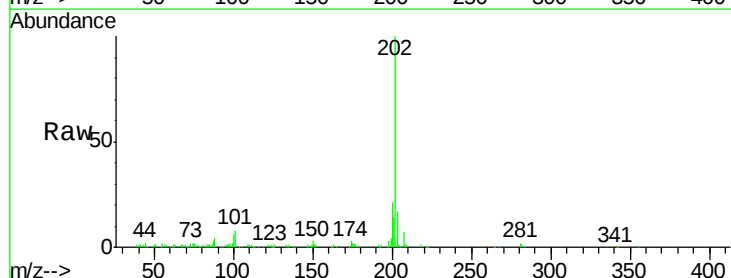
Tgt Ion:202 Resp: 200293

Ion Ratio Lower Upper

202 100

101 8.4 6.9 10.3

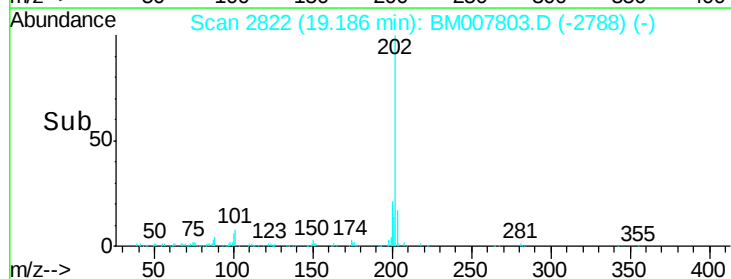
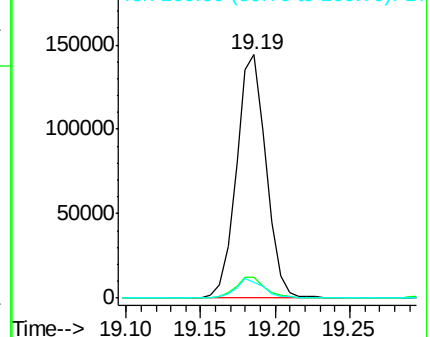
100 6.4 5.4 8.0

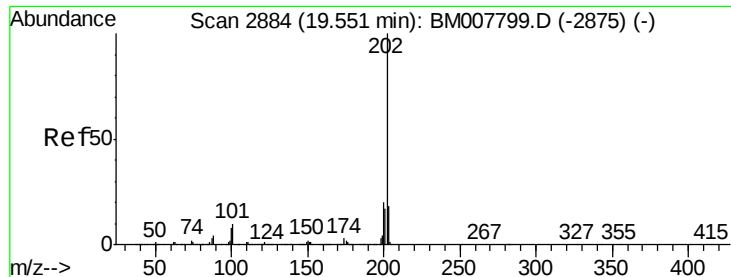


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.81 ng/ul

RT: 19.55 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BM007803.D

Acq: 09 Nov 2016 18:43

Instrument :

BNA_M

ClientSampleId :

E5N88

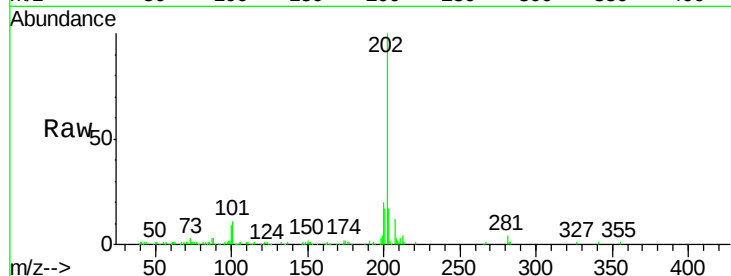
Tot Ion:202 Resp: 170742

Ion Ratio Lower Upper

202 100

101 10.5 8.4 12.6

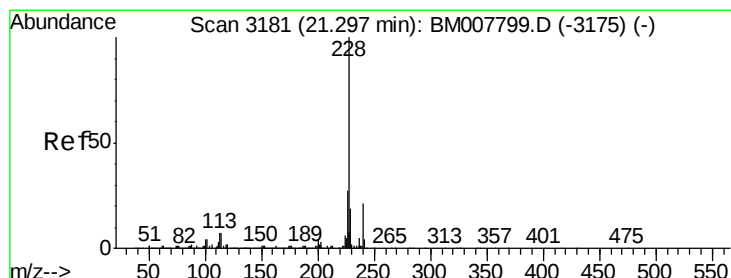
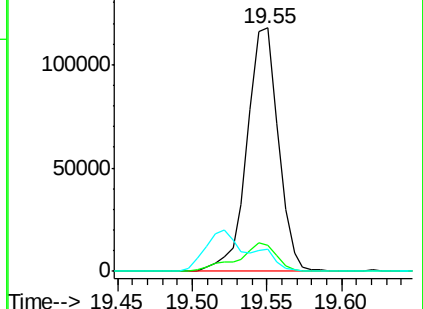
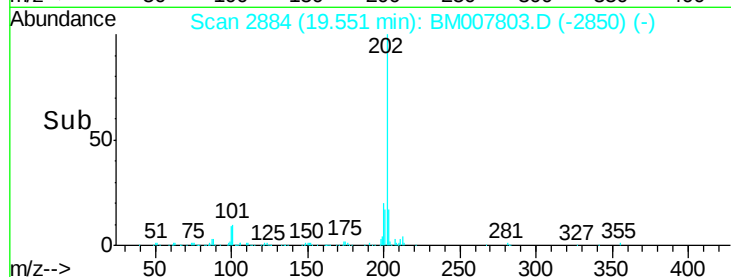
100 8.9 6.9 10.3



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): E



#80

Benzo(a)anthracene

Concen: 1.38 ng/ul

RT: 21.30 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BM007803.D

Acq: 09 Nov 2016 18:43

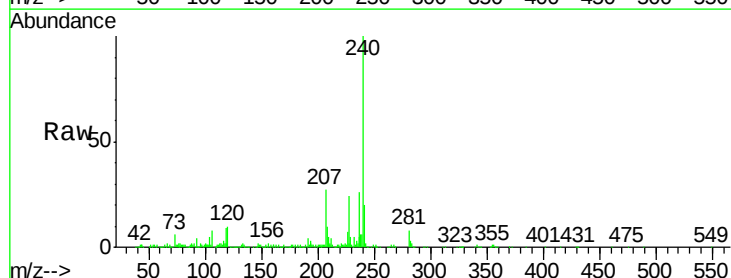
Tgt Ion:228 Resp: 87139

Ion Ratio Lower Upper

228 100

229 20.4 15.6 23.4

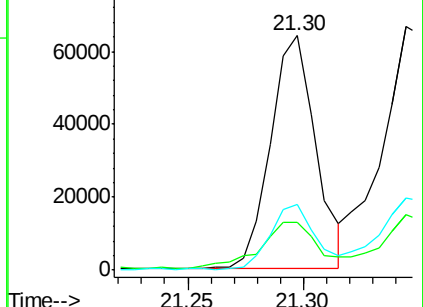
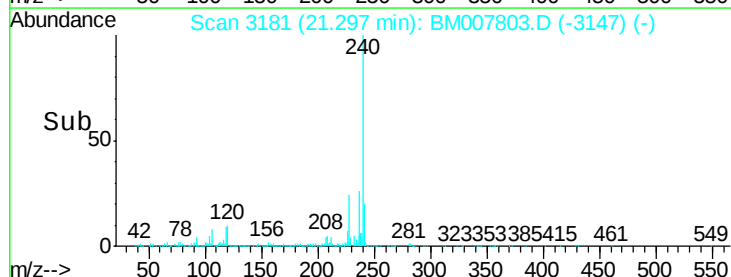
226 28.3 21.8 32.8

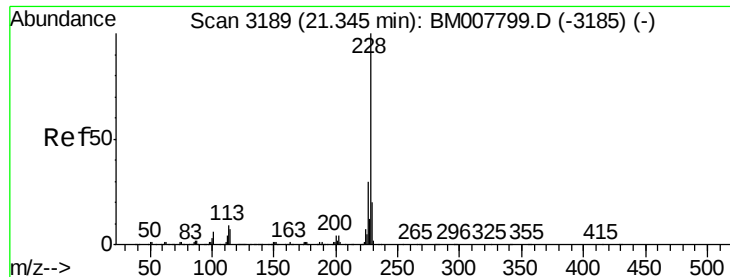


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.67 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BM007803.D

Acq: 09 Nov 2016 18:43

Instrument :

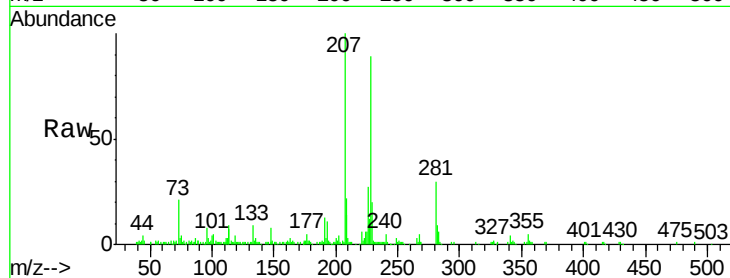
BNA_M

ClientSampleId :

E5N88

Tot Ion:228 Resp: 101056

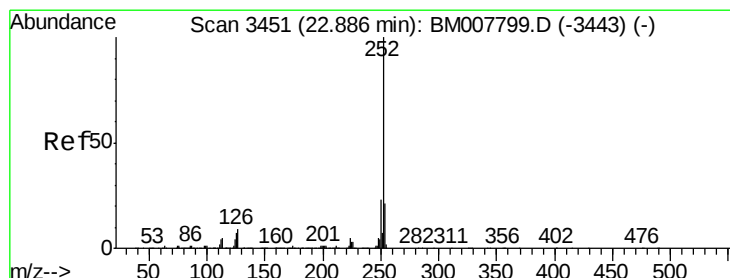
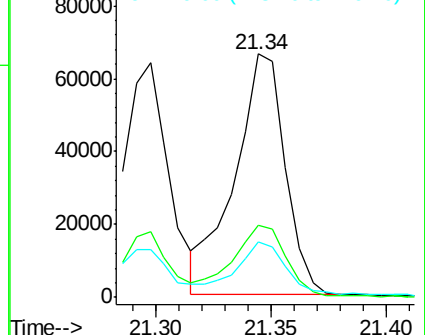
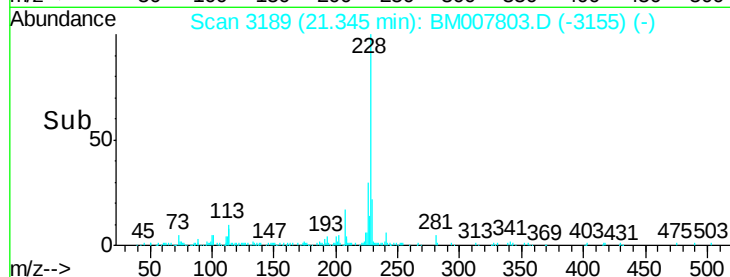
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	22.9	15.5	23.3



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



#85

Benzo(b)fluoranthene

Concen: 2.38 ng/ul

RT: 22.89 min Scan# 3452

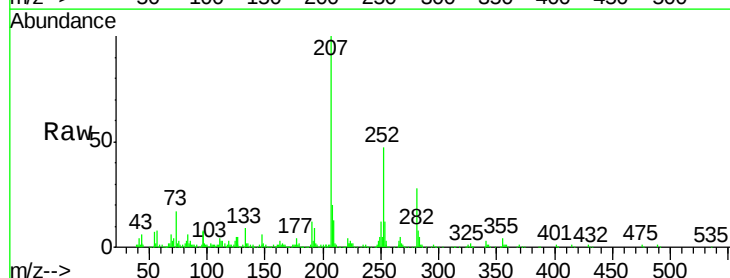
Delta R.T. 0.01 min

Lab File: BM007803.D

Acq: 09 Nov 2016 18:43

Tgt Ion:252 Resp: 163925

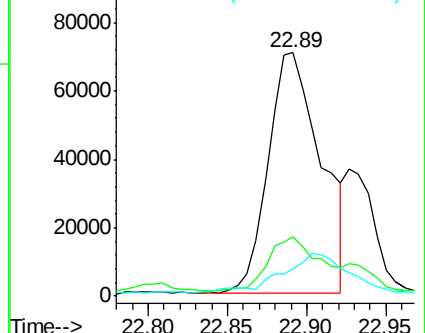
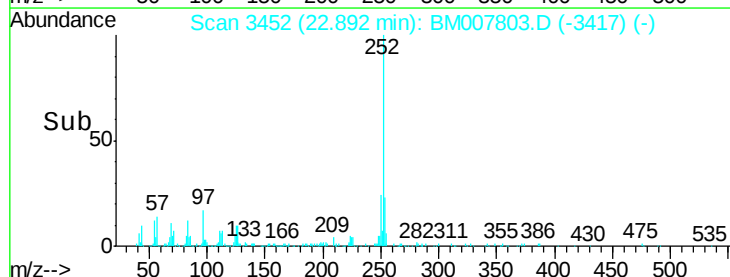
Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	11.5	5.8	8.8#

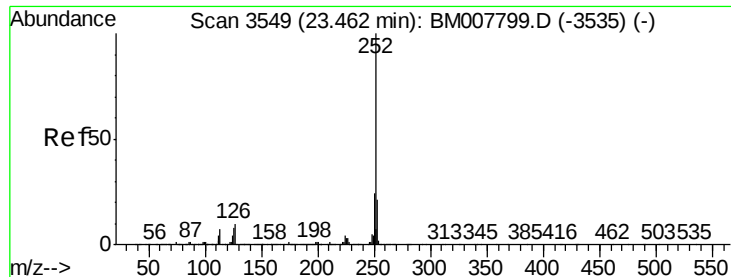


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.59 ng/ul

RT: 23.46 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BM007803.D

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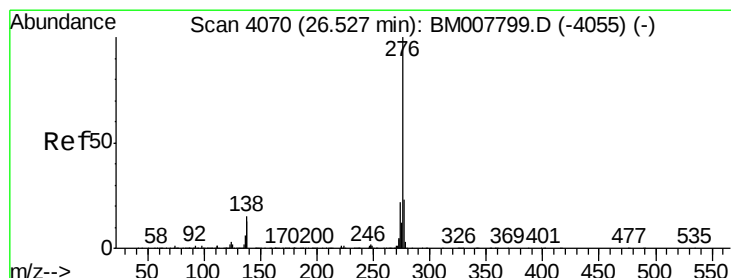
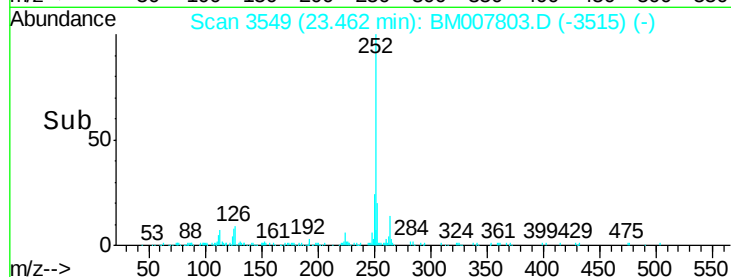
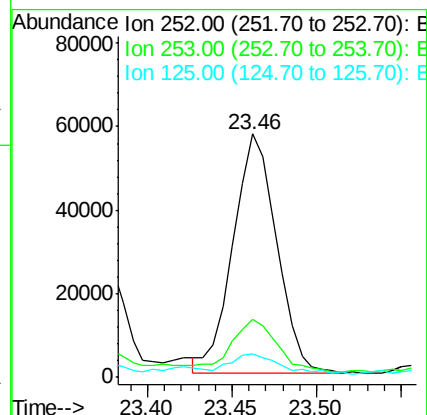
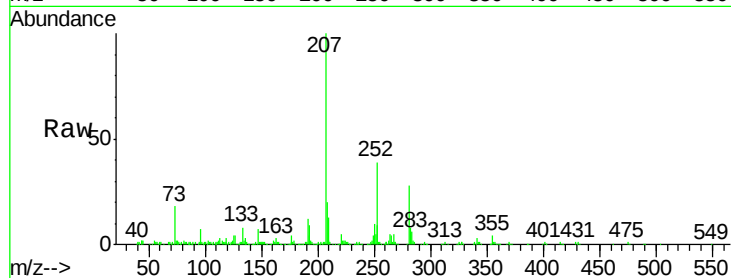
Tot Ion:252 Resp: 103208

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 9.5 6.6 9.8



#91

Benzo(g,h,i)perylene

Concen: 1.14 ng/ul

RT: 26.53 min Scan# 4071

Delta R.T. 0.01 min

Lab File: BM007803.D

Acq: 09 Nov 2016 18:43

Tgt Ion:276 Resp: 74411

Ion Ratio Lower Upper

276 100

138 15.9 13.5 20.3

277 24.7 19.3 28.9

