

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012806.D
 Acq On : 07 Nov 2017 21:30
 Operator : SJ/JU
 Sample : I6164-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 08 01:56:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:41:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	138172	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	586584	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	371040	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	915843	20.00	ng/ul	0.09
77) Chrysene-d12	21.36	240	777384	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	713468	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	9774	3.82	ng/uL	0.00
5) Phenol-d5	6.97	99	210880	20.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	125114	22.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	190841	22.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	185358	20.89	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	97647	22.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	115683	23.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	212727	20.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	205416	20.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	710424	23.14	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	846151	22.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	65899	13.39	ng/ul	0.00
57) Fluorene-d10	15.43	176	609064	23.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	75630	12.51	ng/ul	0.00
70) Anthracene-d10	17.28	188	915100	20.68	ng/ul	0.00
78) Pyrene-d10	19.57	212	973310	26.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	774777	22.97	ng/ul	0.00

Target Compounds

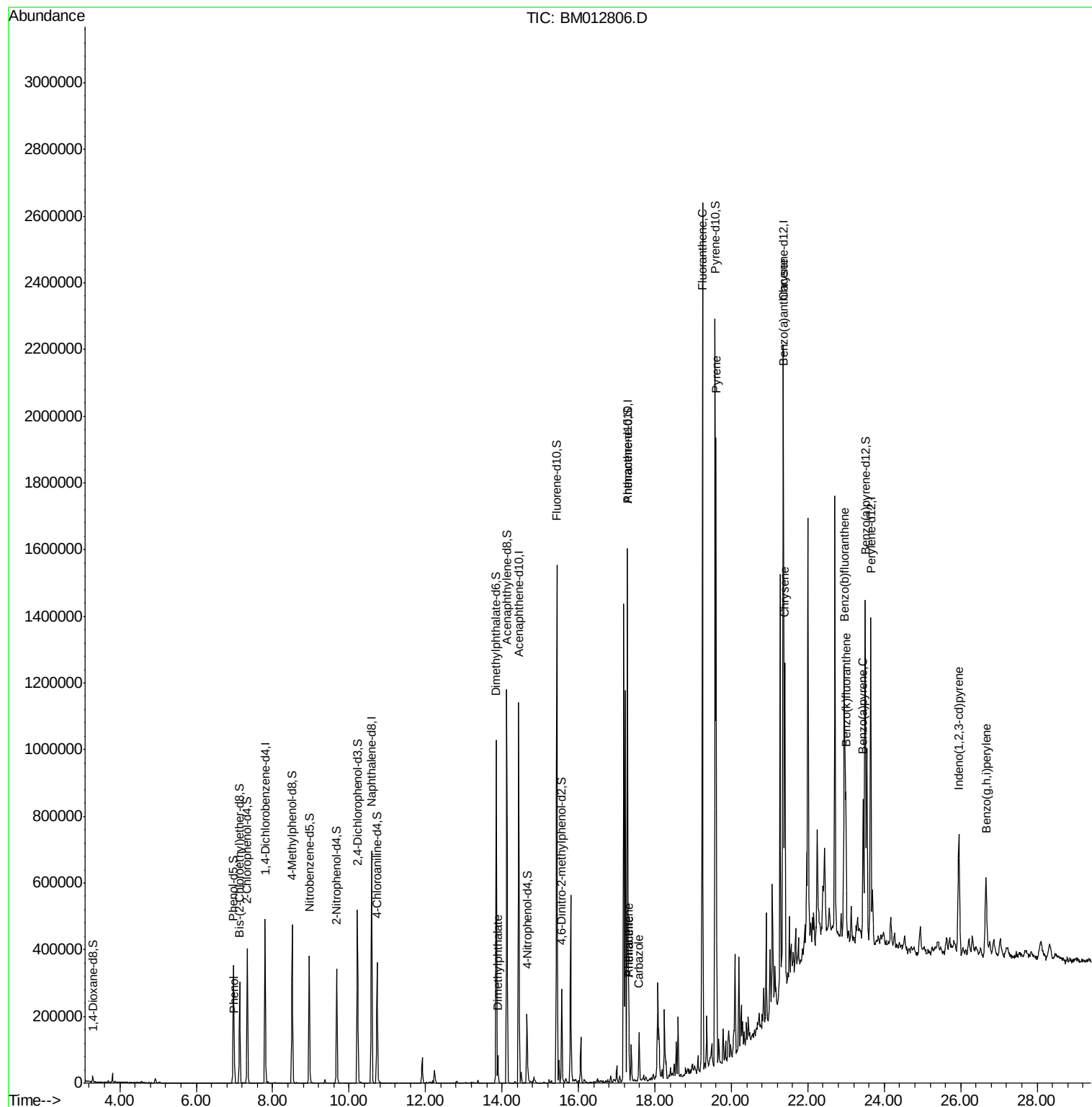
					Ovalue
6) Phenol	7.00	94	27966	2.65 ng/ul	96
44) Dimethylphthalate	13.89	163	54399	1.79 ng/ul	97
69) Phenanthrene	17.32	178	111707	2.23 ng/ul	97
71) Anthracene	17.32	178	108872	2.10 ng/ul	99
74) Carbazole	17.59	167	85502	1.98 ng/ul	96
76) Fluoranthene	19.24	202	1615729	26.86 ng/ul#	93
79) Pyrene	19.60	202	1200971	25.89 ng/ul#	93
82) Benzo(a)anthracene	21.35	228	496595	10.56 ng/ul	99
84) Chrysene	21.40	228	576161	13.51 ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	733767	16.83 ng/ul#	96
88) Benzo(k)fluoranthene	23.00	252	260885	6.29 ng/ul	95
90) Benzo(a)pyrene	23.44	252	329278	7.94 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.95	276	354285	7.09 ng/ul#	85
93) Benzo(g,h,i)perylene	26.66	276	284746	6.91 ng/ul#	91

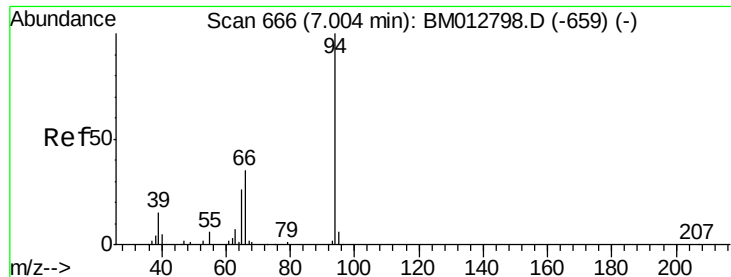
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:41:22 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.65 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

Instrument :

BNA_M

ClientSampleId :

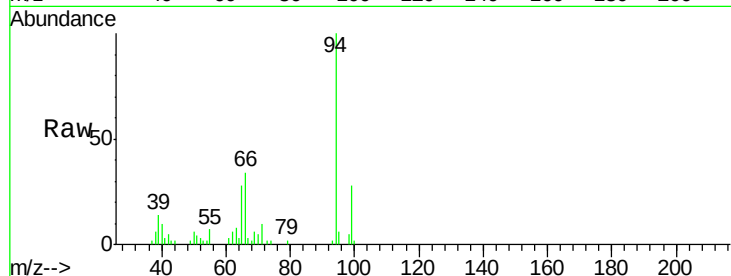
Tot Ion: 94 Resp: 27966

Ion Ratio Lower Upper

94 100

65 27.6 21.0 31.6

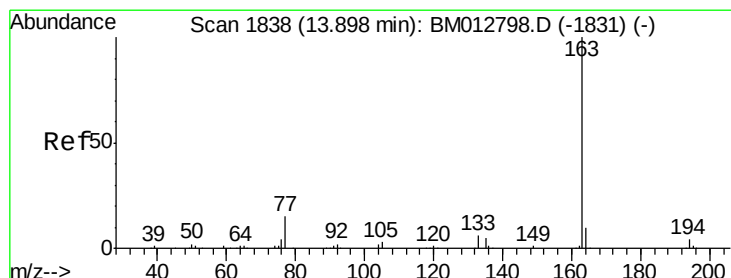
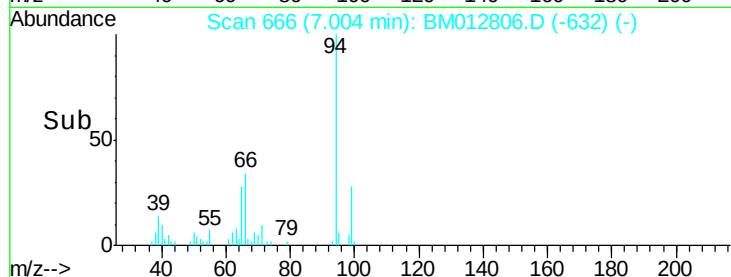
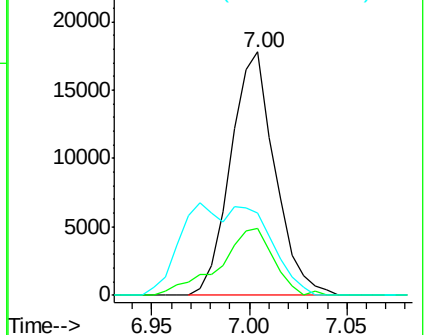
66 33.7 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM012798.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BM012798.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BM012798.D (-659) (-)



#44

Dimethylphthalate

Concen: 1.79 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

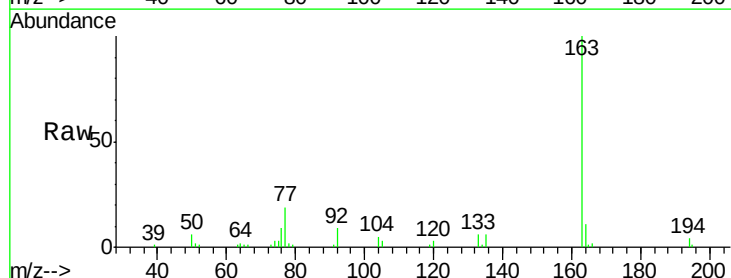
Tgt Ion: 163 Resp: 54399

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

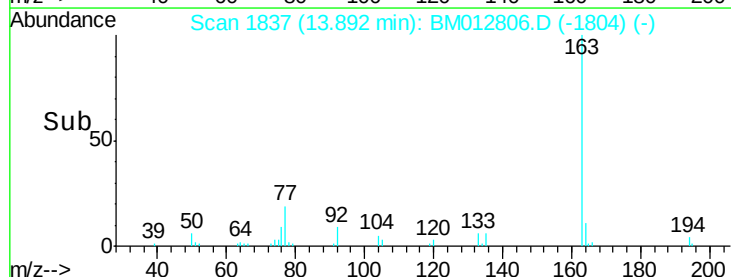
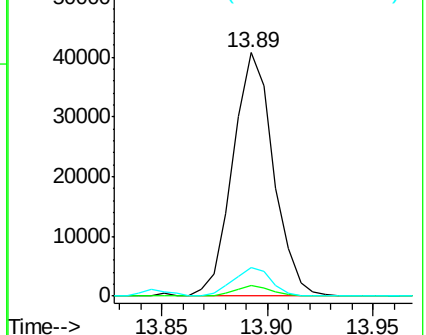
164 11.5 7.8 11.8

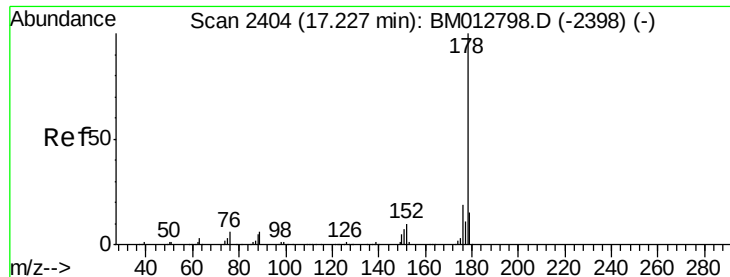


Abundance Ion 163.00 (162.70 to 163.70): BM012798.D (-1831) (-)

Ion 194.00 (193.70 to 194.70): BM012798.D (-1831) (-)

Ion 164.00 (163.70 to 164.70): BM012798.D (-1831) (-)





#69

Phenanthrene

Concen: 2.23 ng/ul

RT: 17.32 min Scan# 2419

Delta R.T. 0.09 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

Instrument :

BNA_M

ClientSampleId :

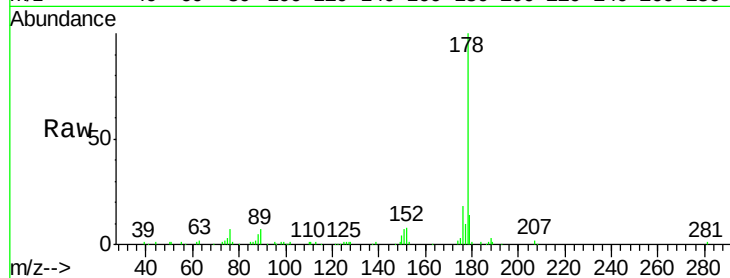
Tot Ion:178 Resp: 111707

Ion Ratio Lower Upper

178 100

179 14.3 12.2 18.4

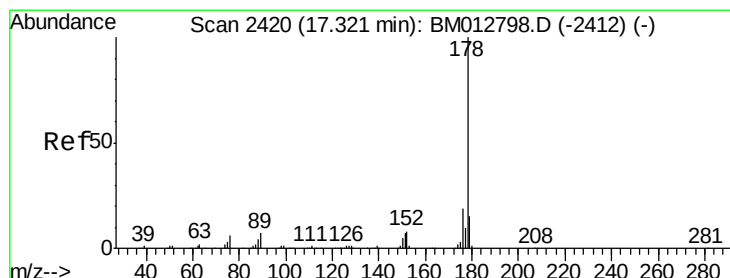
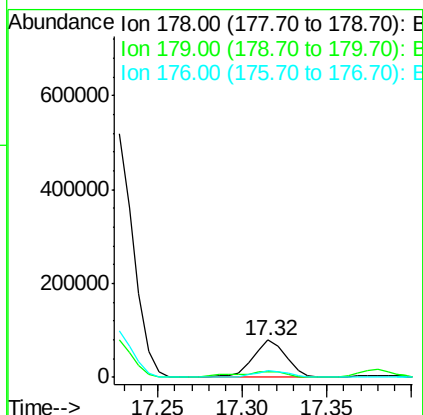
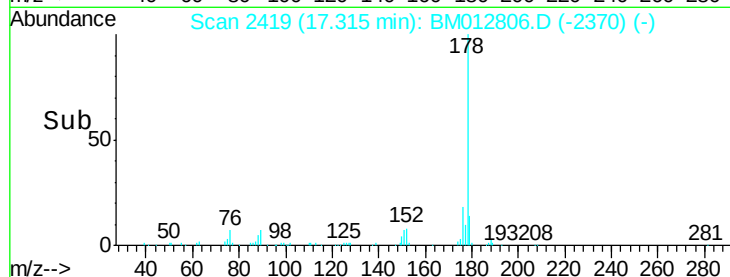
176 18.2 15.6 23.4



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



#71

Anthracene

Concen: 2.10 ng/ul

RT: 17.32 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

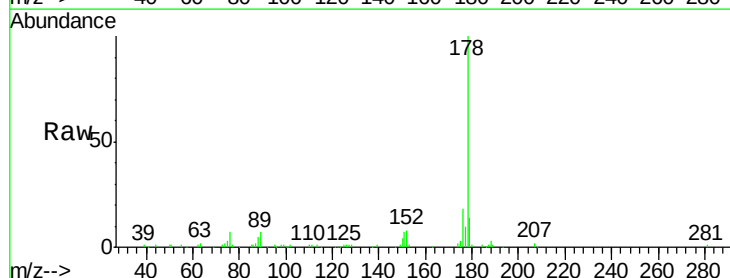
Tgt Ion:178 Resp: 108872

Ion Ratio Lower Upper

178 100

179 14.3 12.1 18.1

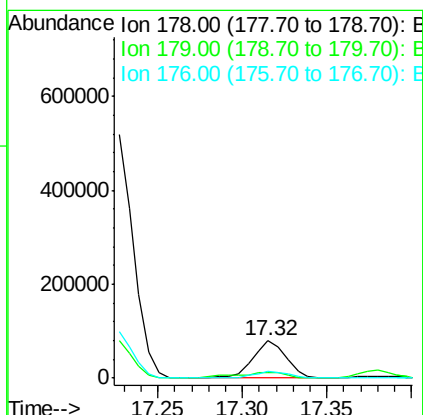
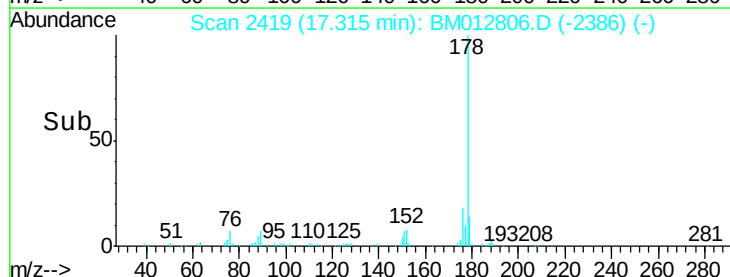
176 18.2 14.8 22.2

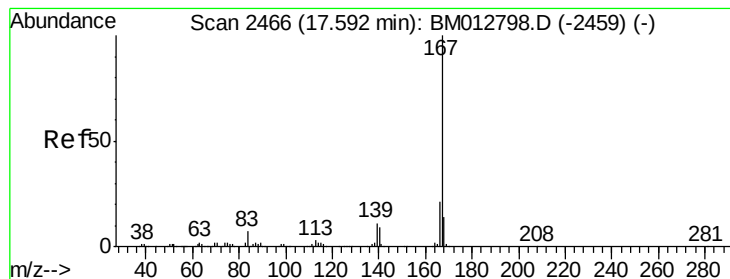


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 1.98 ng/ul

RT: 17.59 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

Instrument :

BNA_M

ClientSampleId :

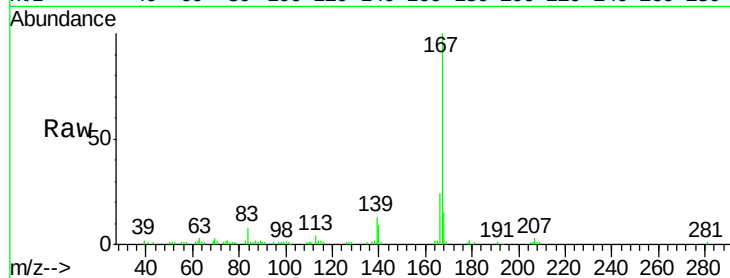
Tot Ion:167 Resp: 85502

Ion Ratio Lower Upper

167 100

166 23.6 17.0 25.6

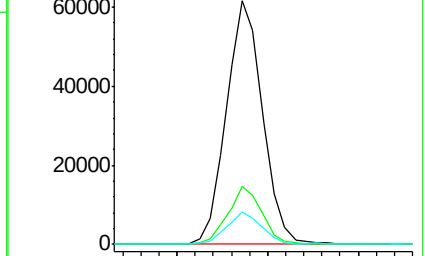
139 13.1 11.0 16.4



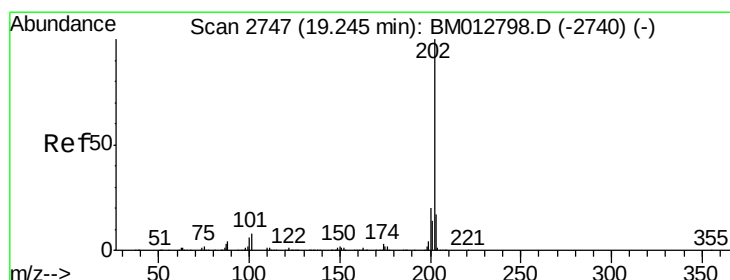
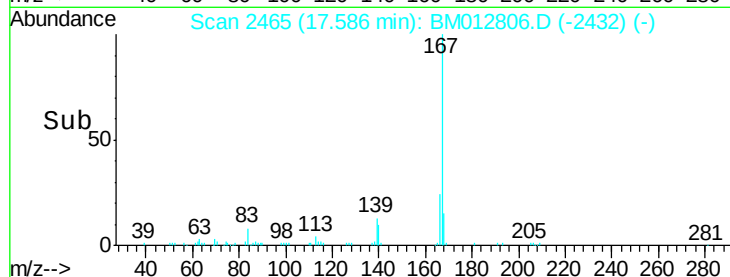
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#76

Fluoranthene

Concen: 26.86 ng/ul

RT: 19.24 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

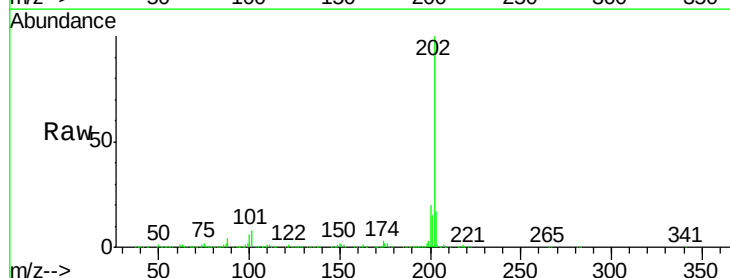
Tgt Ion:202 Resp: 1615729

Ion Ratio Lower Upper

202 100

101 8.0 8.8 13.2#

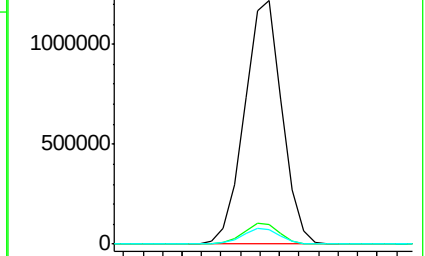
100 6.0 6.6 9.8#



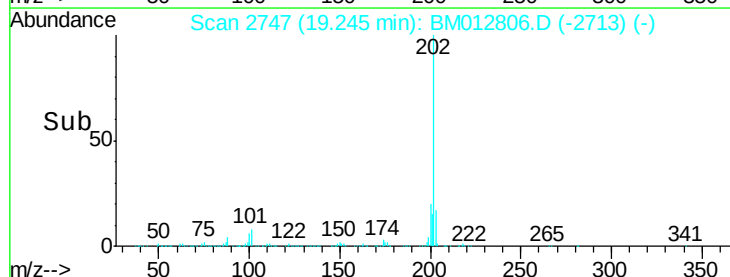
Abundance Ion 202.00 (201.70 to 202.70): E

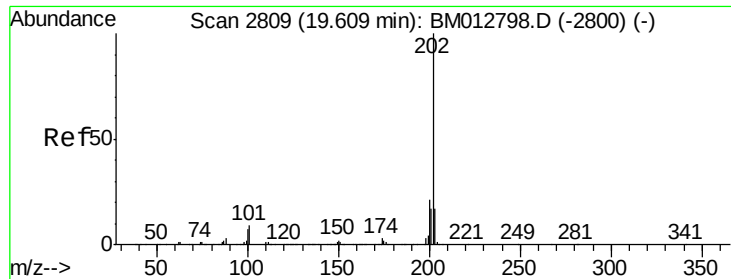
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->

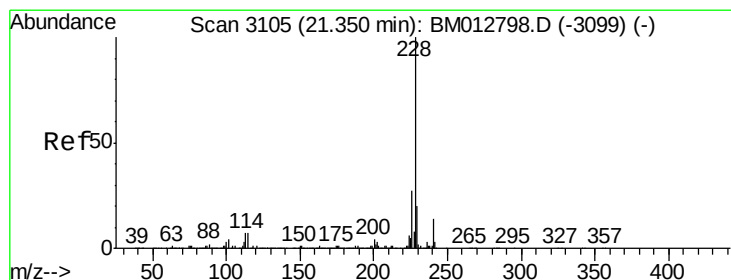
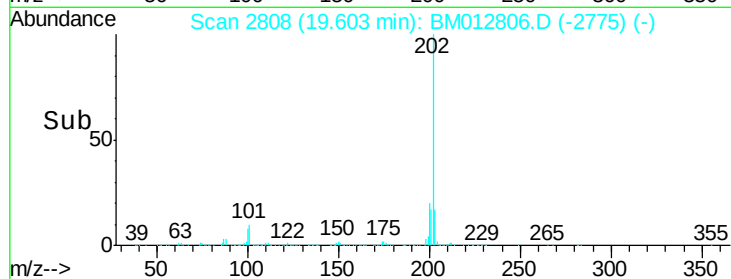
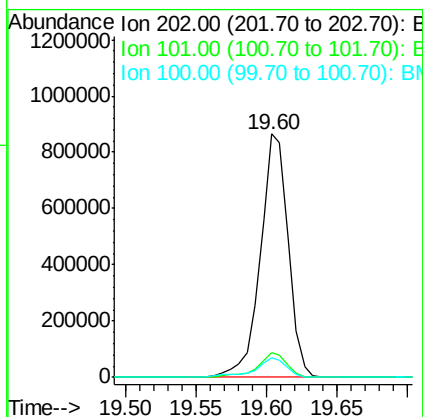
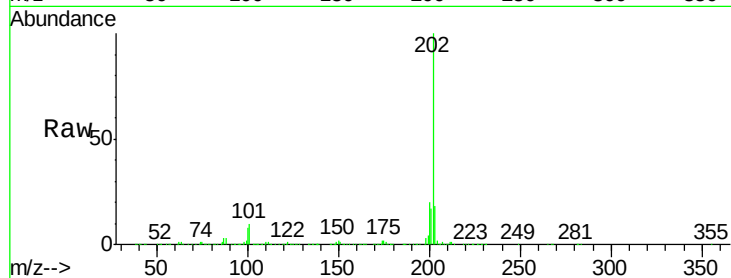




#79
 Pvrene
 Concen: 25.89 ng/ul
 RT: 19.60 min Scan# 2808
 Delta R.T. -0.01 min
 Lab File: BM012806.D
 Acq: 07 Nov 2017 21:30

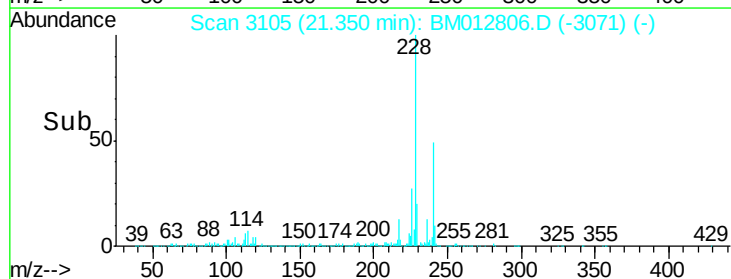
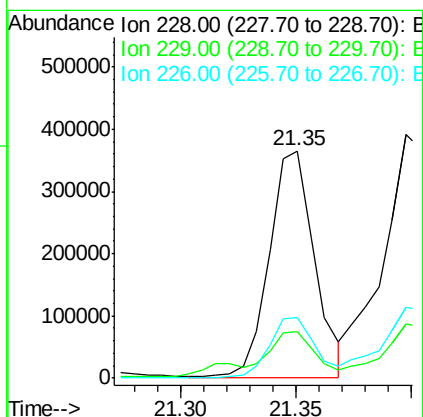
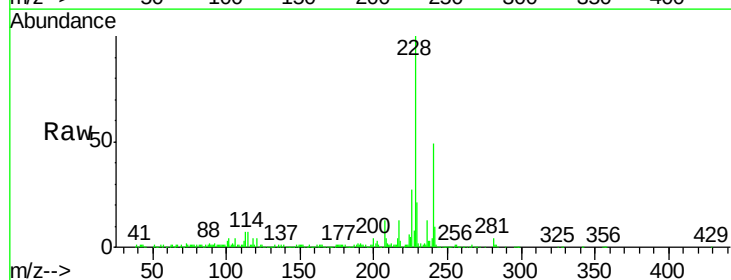
Instrument :
 BNA_M
 ClientSampleId :

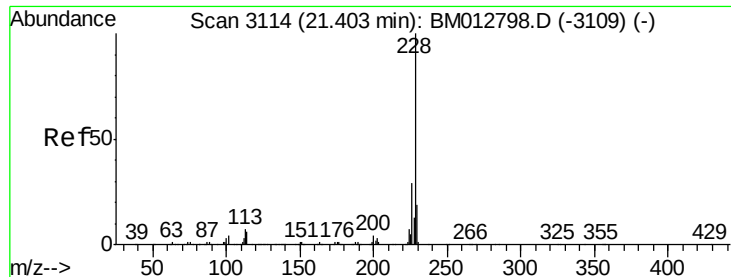
Tot Ion:202 Resp: 1200971
 Ion Ratio Lower Upper
 202 100
 101 9.9 10.2 15.2#
 100 7.9 8.5 12.7#



#82
 Benzo(a)anthracene
 Concen: 10.56 ng/ul
 RT: 21.35 min Scan# 3105
 Delta R.T. -0.00 min
 Lab File: BM012806.D
 Acq: 07 Nov 2017 21:30

Tgt Ion:228 Resp: 496595
 Ion Ratio Lower Upper
 228 100
 229 20.5 15.7 23.5
 226 26.8 21.8 32.6





#84

Chrysene

Concen: 13.51 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

Instrument :

BNA_M

ClientSampled :

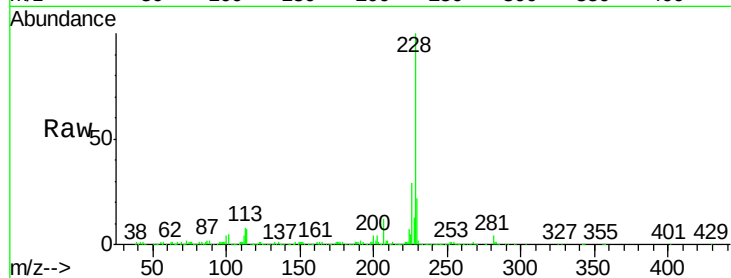
Tot Ion:228 Resp: 576161

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.0	36.0
229	22.0	15.6	23.4

228 100

226 28.9 24.0 36.0

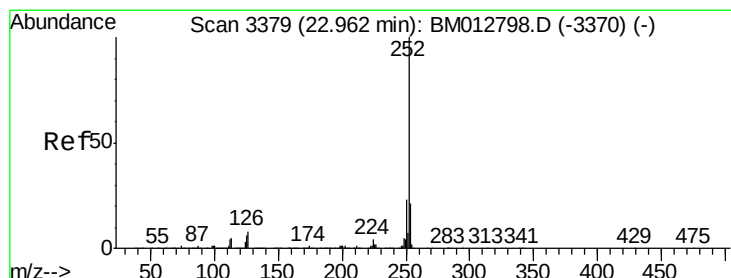
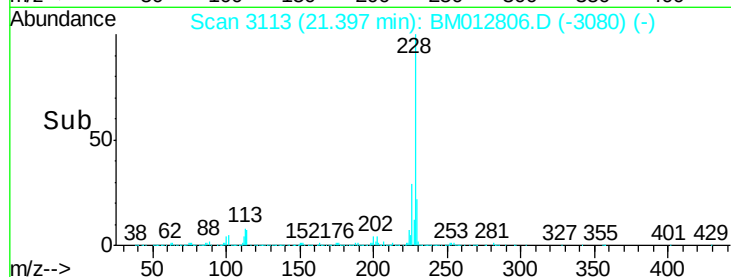
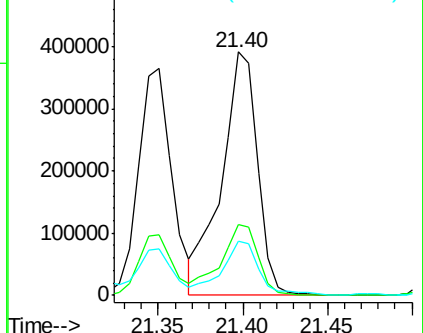
229 22.0 15.6 23.4



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: 16.83 ng/ul

RT: 22.96 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

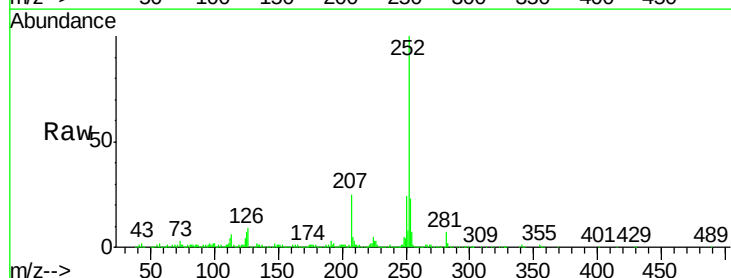
Tgt Ion:252 Resp: 733767

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	7.3	8.5	12.7

252 100

253 22.9 17.5 26.3

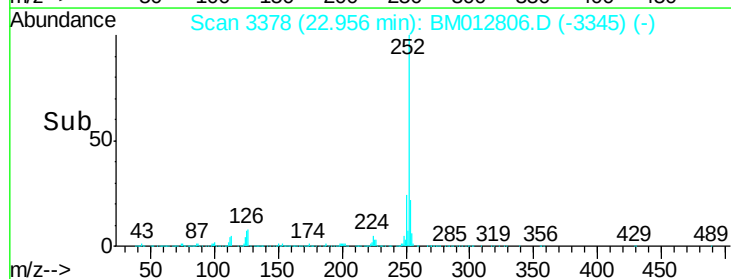
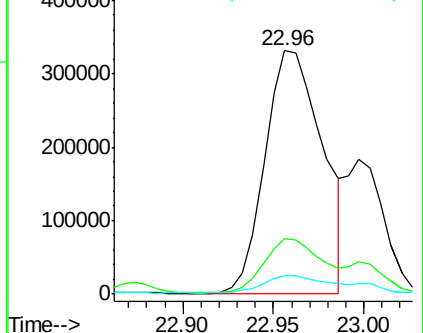
125 7.3 8.5 12.7#

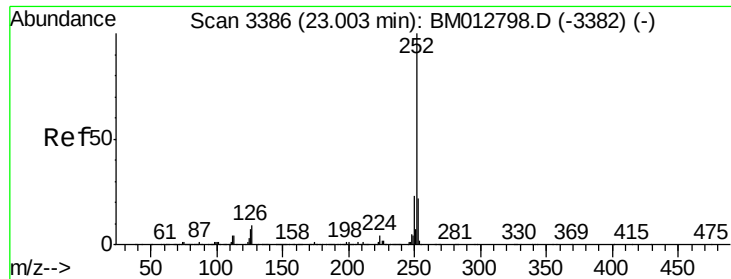


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 6.29 ng/ul

RT: 23.00 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

Instrument :

BNA_M

ClientSampleId :

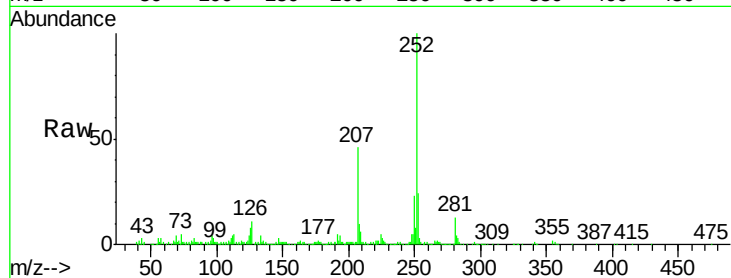
Tot Ion:252 Resp: 260885

Ion Ratio Lower Upper

252 100

253 23.9 17.3 25.9

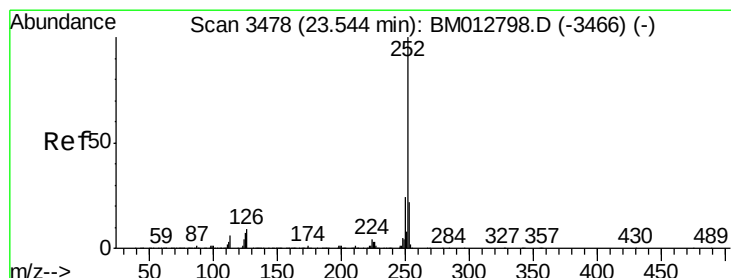
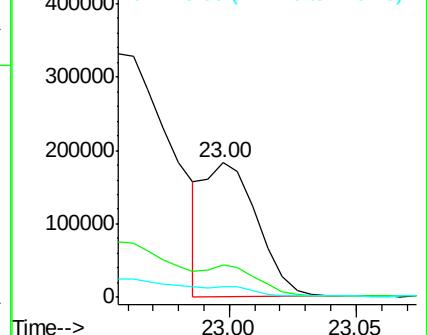
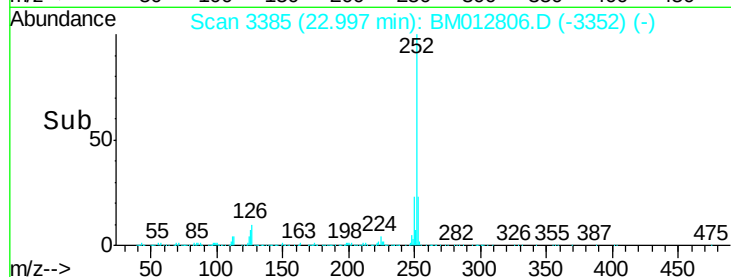
125 8.2 8.2 12.2



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: 7.94 ng/ul

RT: 23.44 min Scan# 3461

Delta R.T. -0.10 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

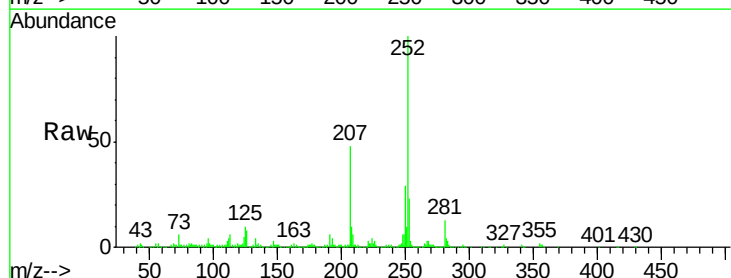
Tgt Ion:252 Resp: 329278

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

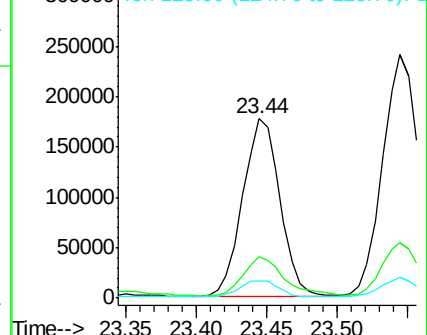
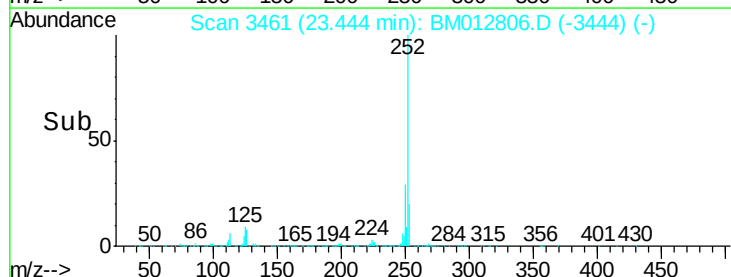
125 9.9 9.0 13.6

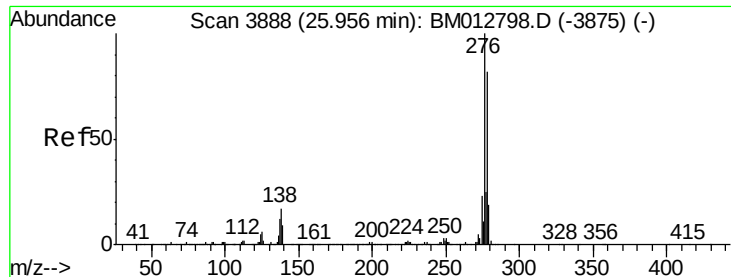


Abundance Ion 252.00 (251.70 to 252.70): E

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: 7.09 ng/ul

RT: 25.95 min Scan# 3887

Delta R.T. -0.01 min

Lab File: BM012806.D

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Instrument :

BNA_M

ClientSampleId :

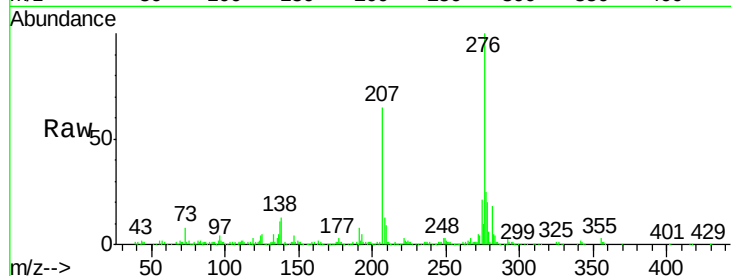
Tot Ion:276 Resp: 354285

Ion Ratio Lower Upper

276 100

138 13.5 22.3 33.5#

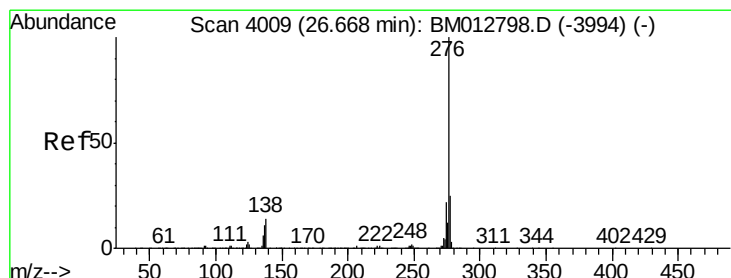
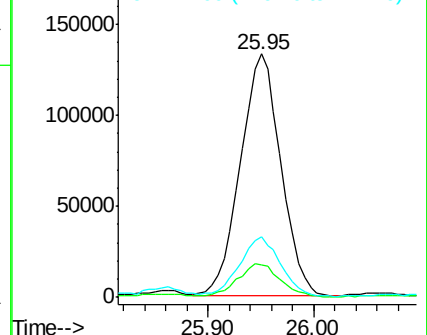
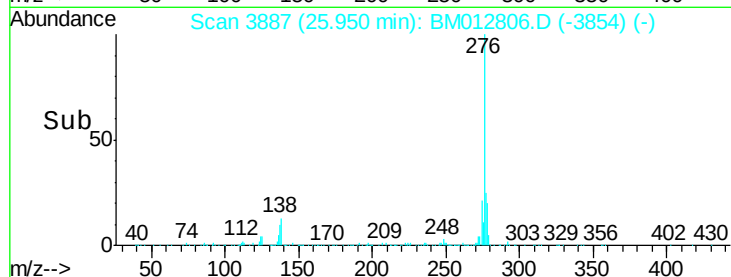
277 25.1 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Benzo(g,h,i)perylene

Concen: 6.91 ng/ul

RT: 26.66 min Scan# 4008

Delta R.T. -0.01 min

Lab File: BM012806.D

Acq: 07 Nov 2017 21:30

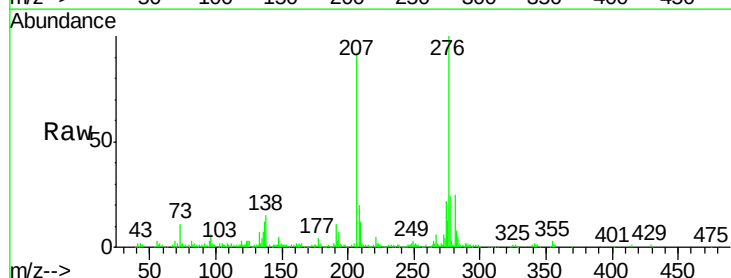
Tgt Ion:276 Resp: 284746

Ion Ratio Lower Upper

276 100

138 14.9 18.9 28.3#

277 24.1 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

