

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012805.D
 Acq On : 07 Nov 2017 20:54
 Operator : SJ/JU
 Sample : I6164-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 08 01:55:53 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	115434	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	486940	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	307379	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	699972	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	627026	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	596813	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	7072	3.31	ng/uL	0.00
5) Phenol-d5	6.97	99	157354	18.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	93699	20.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	139449	19.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	109151	14.72	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	69698	19.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	84430	20.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	154516	18.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	167797	20.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	541045	21.27	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	634135	20.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	52358	12.85	ng/ul	0.00
57) Fluorene-d10	15.43	176	462447	21.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	56559	12.24	ng/ul	0.00
70) Anthracene-d10	17.28	188	687599	20.33	ng/ul	0.00
78) Pyrene-d10	19.57	212	711948	24.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	601564	21.32	ng/ul	0.00

Target Compounds

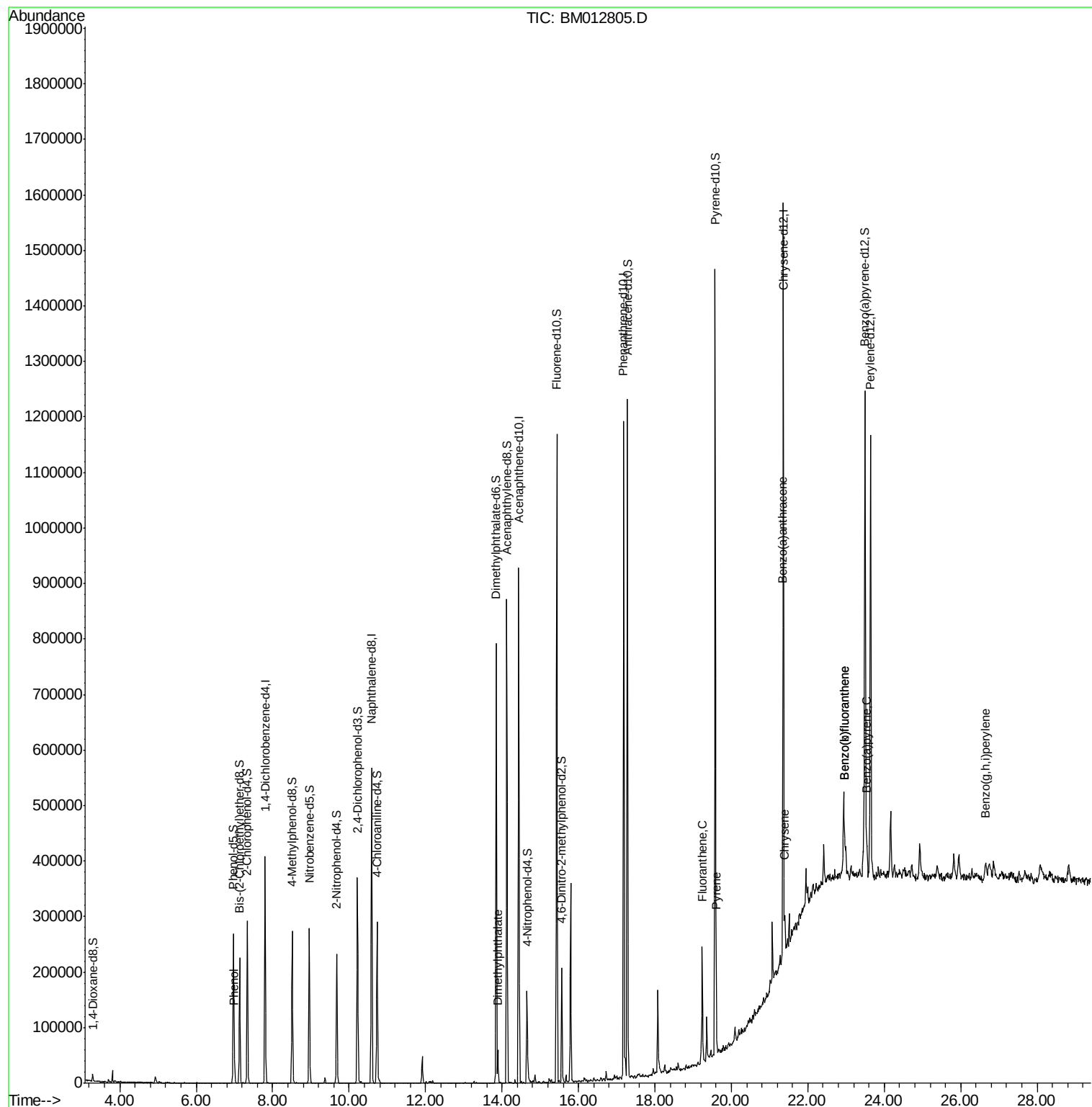
						Ovalue
6) Phenol	7.00	94	19636	2.23	ng/ul	94
44) Dimethylphthalate	13.89	163	39492	1.56	ng/ul#	97
76) Fluoranthene	19.24	202	114289	2.49	ng/ul#	94
79) Pyrene	19.60	202	95280	2.55	ng/ul#	89
82) Benzo(a)anthracene	21.34	228	41110	1.08	ng/ul	98
84) Chrysene	21.40	228	46038	1.34	ng/ul	95
87) Benzo(b)fluoranthene	22.96	252	70668	1.94	ng/ul	96
88) Benzo(k)fluoranthene	22.96	252	70668	2.04	ng/ul	96
90) Benzo(a)pyrene	23.54	252	41666	1.20	ng/ul#	92
93) Benzo(a,h,i)perylene	26.66	276	34811	1.01	ng/ul#	90

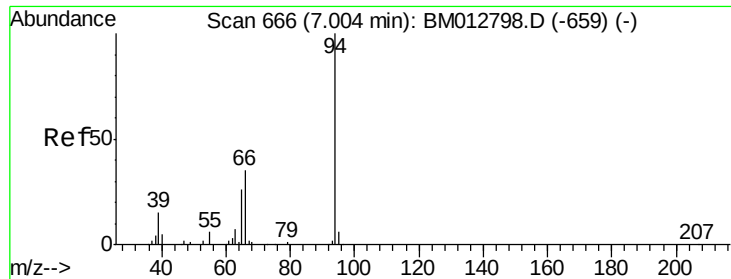
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.23 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.00 min

Lab File: BM012805.D

Acq: 07 Nov 2017 20:54

Instrument :

BNA_M

ClientSampleId :

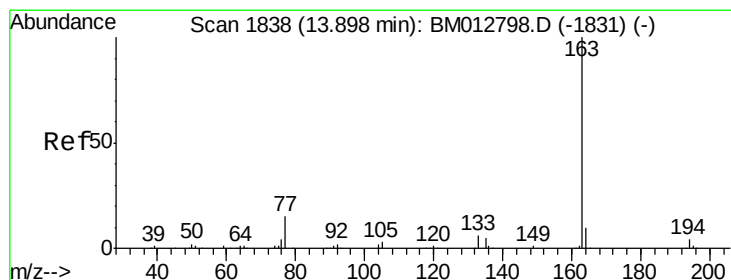
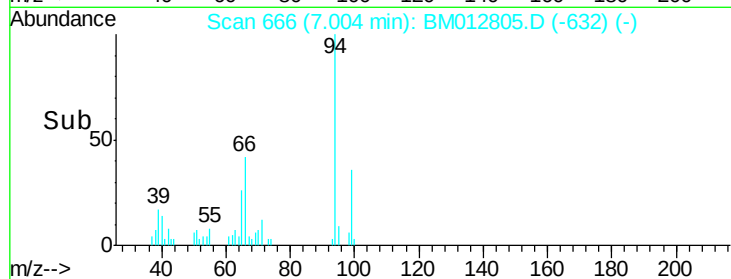
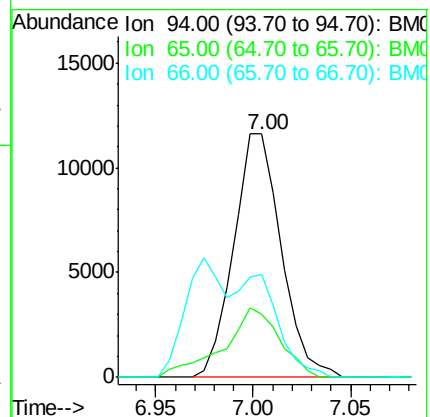
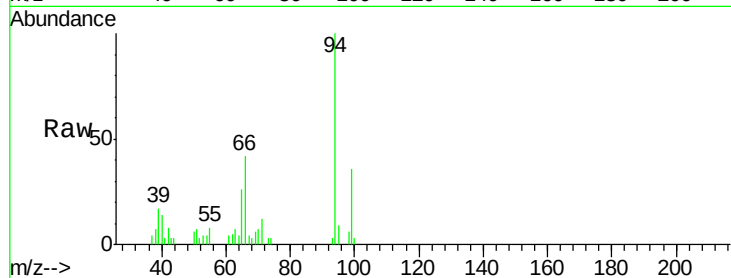
Tot Ion: 94 Resp: 19636

Ion Ratio Lower Upper

94 100

65 25.9 21.0 31.6

66 42.0 29.3 43.9



#44

Dimethylphthalate

Concen: 1.56 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM012805.D

Acq: 07 Nov 2017 20:54

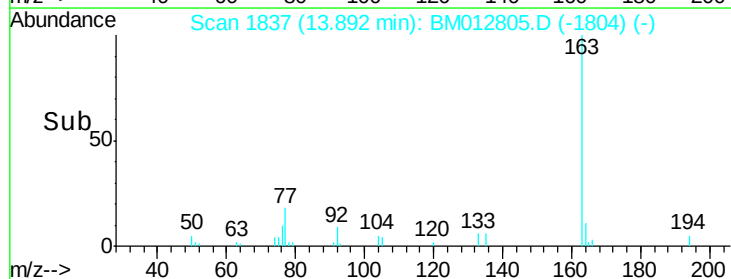
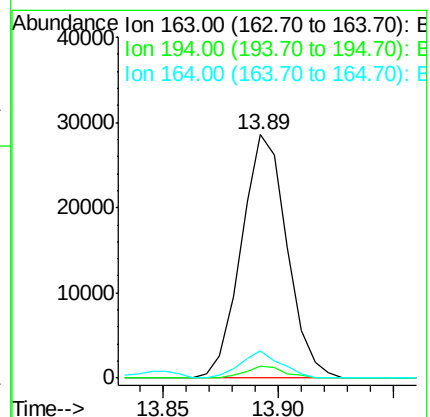
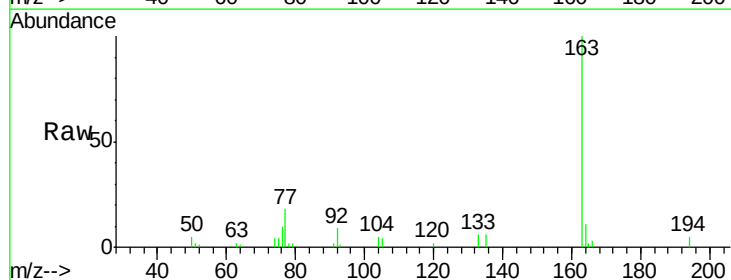
Tgt Ion: 163 Resp: 39492

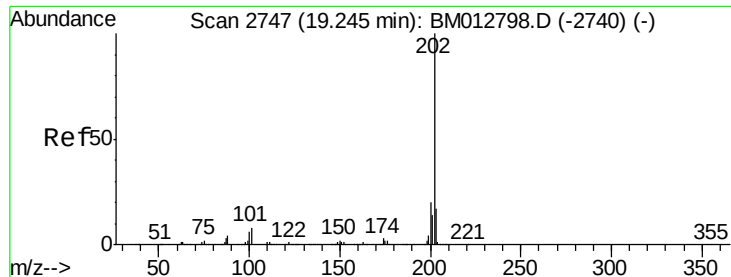
Ion Ratio Lower Upper

163 100

194 5.0 3.2 4.8#

164 11.0 7.8 11.8





#76

Fluoranthene

Concen: 2.49 ng/ul

RT: 19.24 min Scan# 2746

Delta R.T. -0.01 min

Lab File: BM012805.D

Acq: 07 Nov 2017 20:54

Instrument :

BNA_M

ClientSampleId :

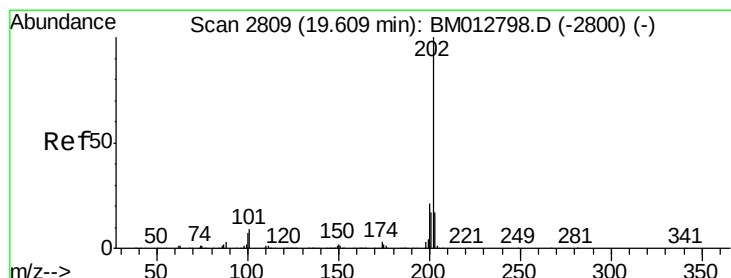
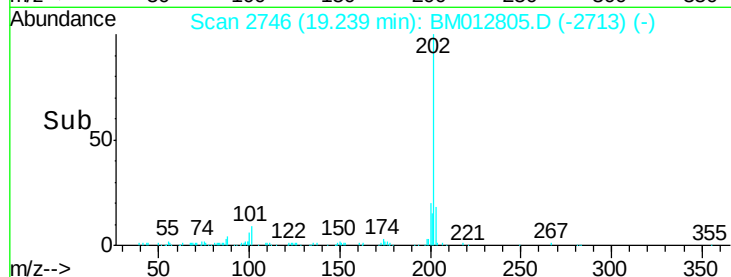
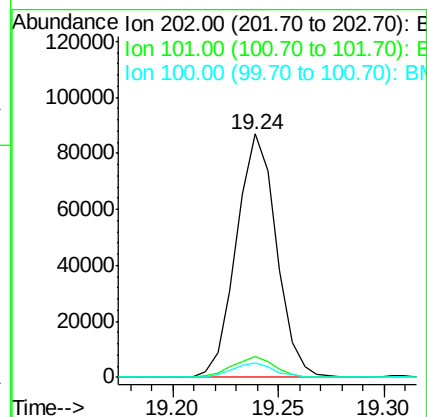
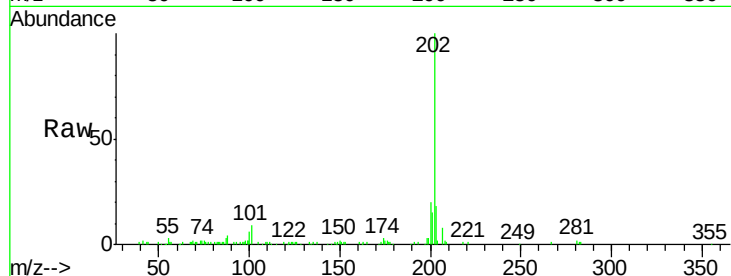
Tot Ion:202 Resp: 114289

Ion Ratio Lower Upper

202 100

101 8.5 8.8 13.2#

100 6.2 6.6 9.8#



#79

Pyrene

Concen: 2.55 ng/ul

RT: 19.60 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM012805.D

Acq: 07 Nov 2017 20:54

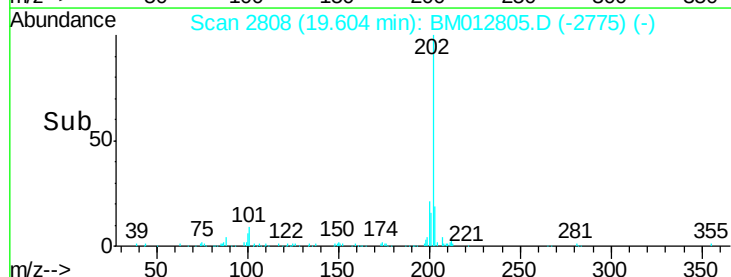
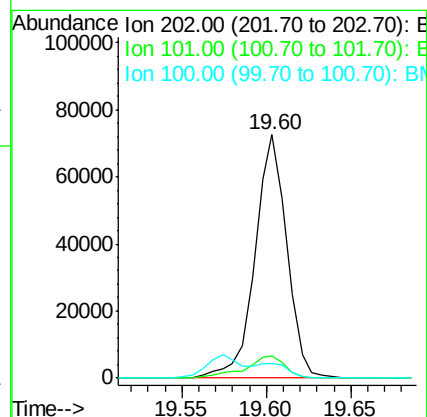
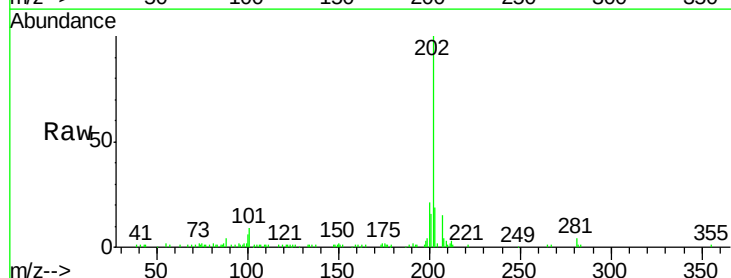
Tgt Ion:202 Resp: 95280

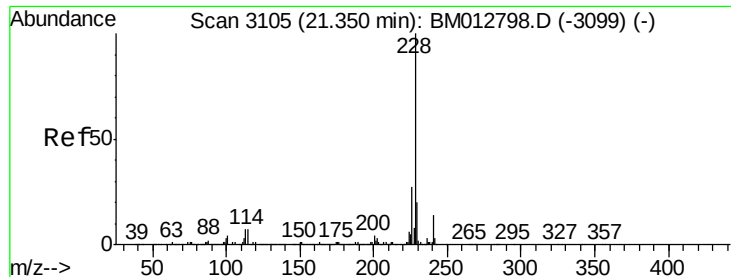
Ion Ratio Lower Upper

202 100

101 8.9 10.2 15.2#

100 6.2 8.5 12.7#

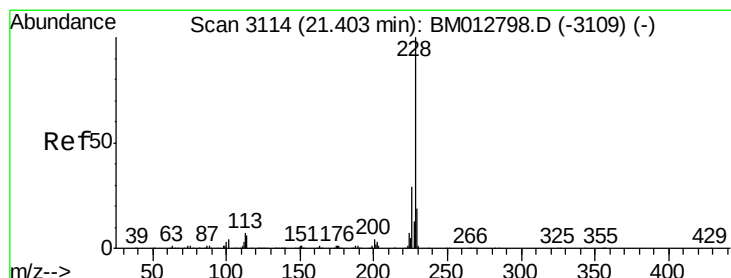
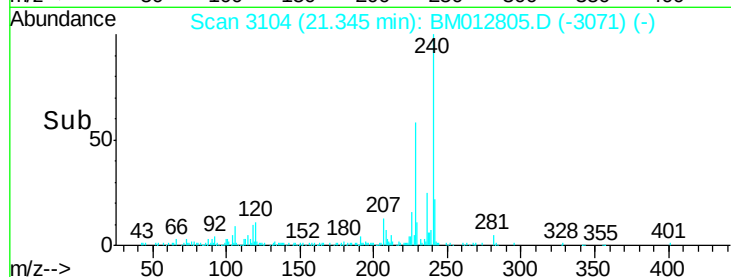
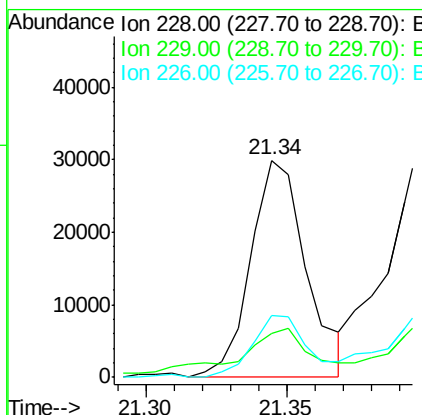
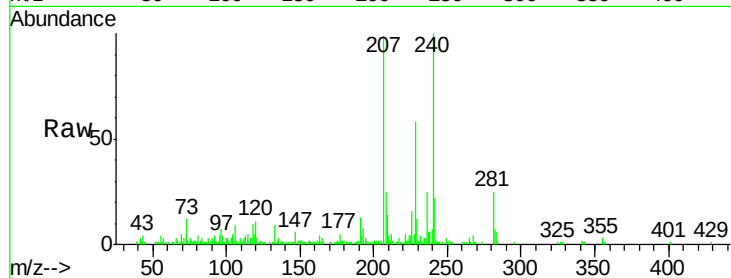




#82
Benzo(a)anthracene
Concen: 1.08 ng/ul
RT: 21.34 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM012805.D
Acq: 07 Nov 2017 20:54

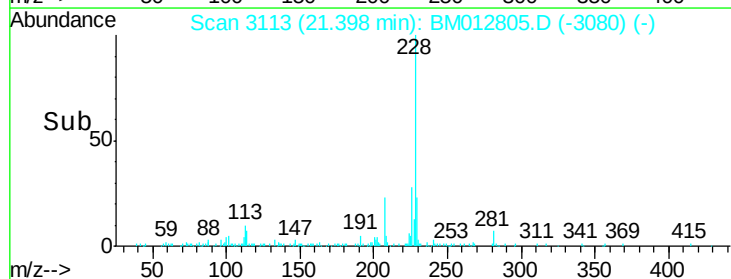
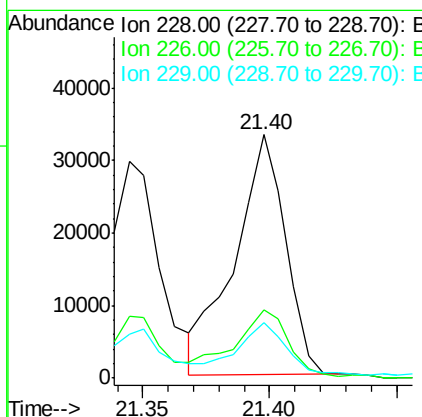
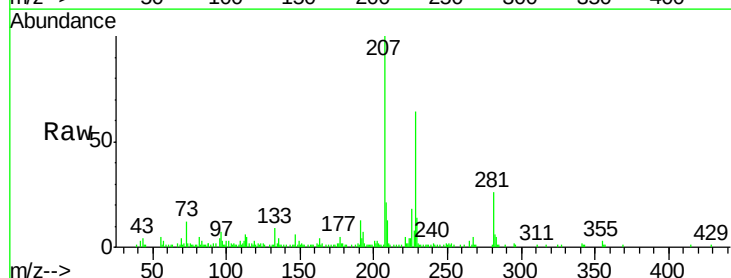
Instrument :
BNA_M
ClientSampleId :

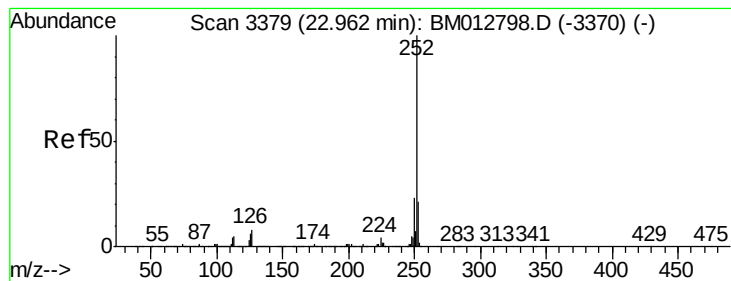
Tot Ion:228 Resp: 41110
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.4 21.8 32.6



#84
Chrysene
Concen: 1.34 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM012805.D
Acq: 07 Nov 2017 20:54

Tgt Ion:228 Resp: 46038
Ion Ratio Lower Upper
228 100
226 28.3 24.0 36.0
229 22.7 15.6 23.4





#87

Benzo(b)fluoranthene

Concen: 1.94 ng/ul

RT: 22.96 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM012805.D

Acq: 07 Nov 2017 20:54

Instrument :

BNA_M

ClientSampleId :

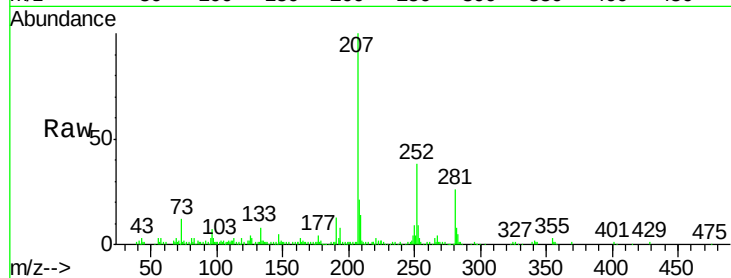
Tot Ion:252 Resp: 70668

Ion Ratio Lower Upper

252 100

253 24.1 17.5 26.3

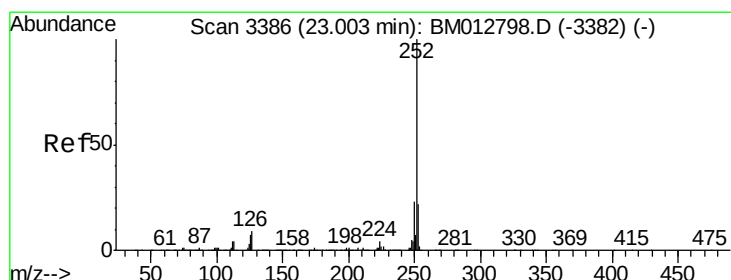
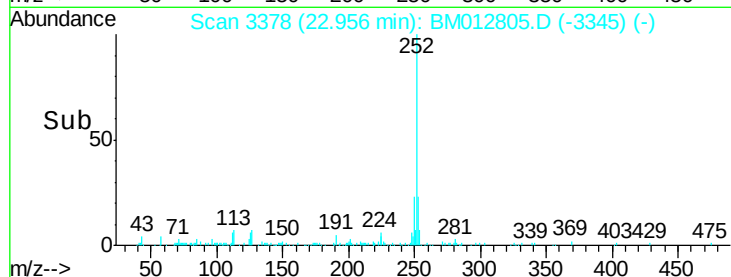
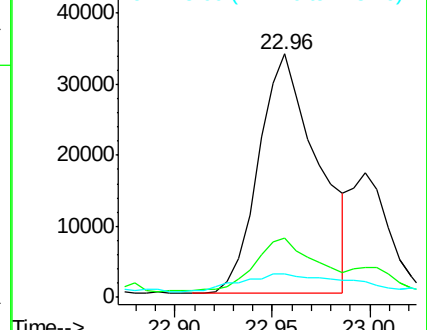
125 9.4 8.5 12.7



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: 2.04 ng/ul

RT: 22.96 min Scan# 3378

Delta R.T. -0.05 min

Lab File: BM012805.D

Acq: 07 Nov 2017 20:54

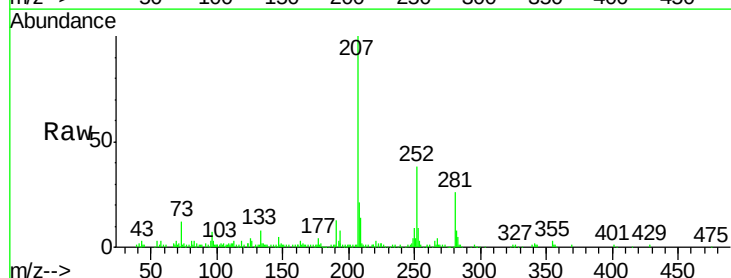
Tgt Ion:252 Resp: 70668

Ion Ratio Lower Upper

252 100

253 24.1 17.3 25.9

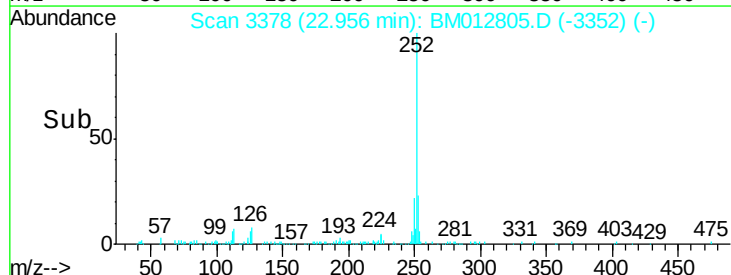
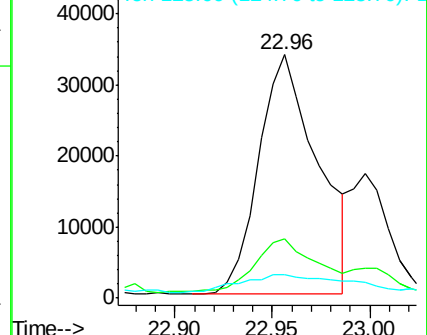
125 9.4 8.2 12.2

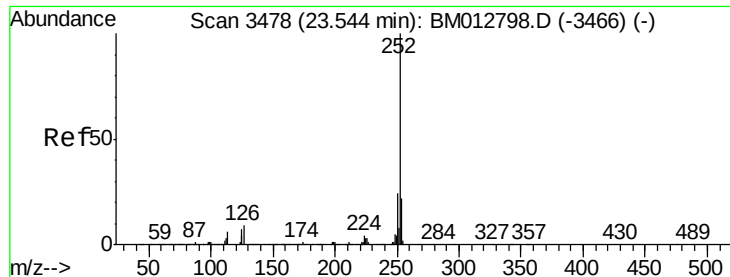


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.20 ng/ul

RT: 23.54 min Scan# 3477

Delta R.T. -0.01 min

Lab File: BM012805.D

Acq: 07 Nov 2017 20:54

Instrument :

BNA_M

ClientSampleId :

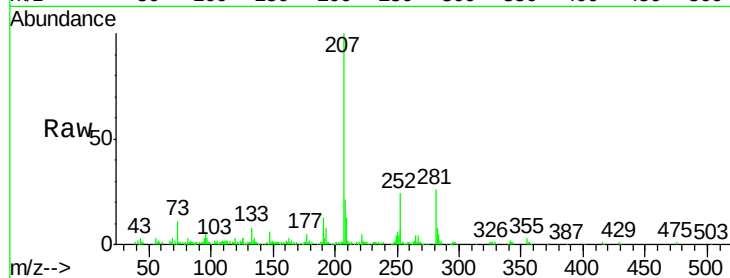
Tot Ion:252 Resp: 41666

Ion Ratio Lower Upper

252 100

253 26.8 17.2 25.8#

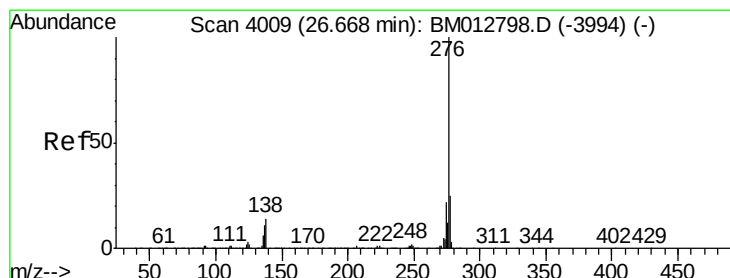
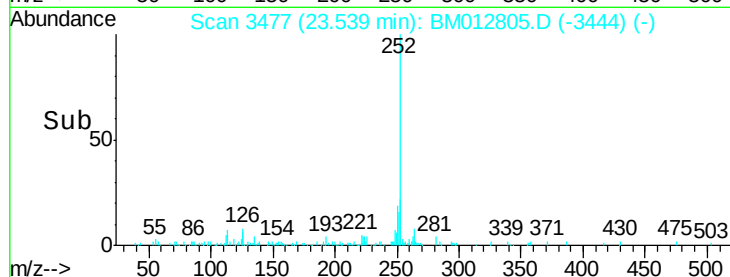
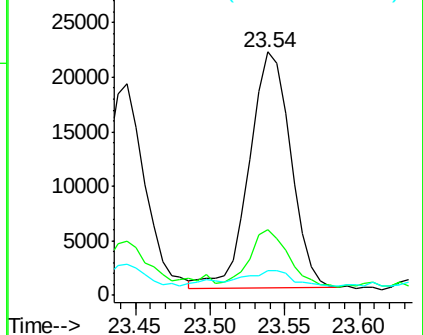
125 10.4 9.0 13.6



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



#93

Benzo(g,h,i)perylene

Concen: 1.01 ng/ul

RT: 26.66 min Scan# 4007

Delta R.T. -0.01 min

Lab File: BM012805.D

Acq: 07 Nov 2017 20:54

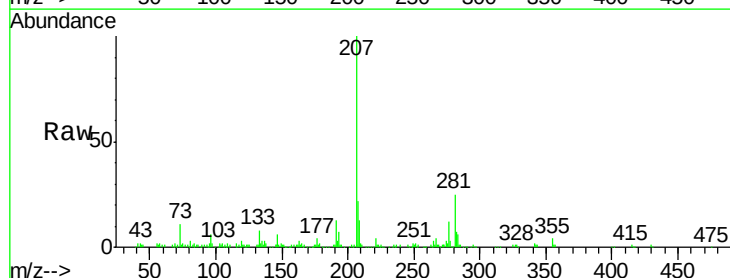
Tgt Ion:276 Resp: 34811

Ion Ratio Lower Upper

276 100

138 15.7 18.9 28.3#

277 26.2 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

