

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\
 Data File : BM012346.D
 Acq On : 21 Oct 2017 07:13
 Operator : SJ/JU
 Sample : I5701-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0CF0

Quant Time: Oct 23 02:47:04 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 02:34:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	287533	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1256529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	760114	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1735707	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1452767	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1168502	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	23648	3.91	ng/uL	0.00
5) Phenol-d5	6.94	99	472084	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	327001	23.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	442543	22.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	373573	18.60	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	222567	23.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	268228	23.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	464719	21.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	583482	29.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1657588	24.67	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1981477	24.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	121074	11.99	ng/ul	0.01
57) Fluorene-d10	15.42	176	1390058	25.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	140478	11.79	ng/ul	0.00
70) Anthracene-d10	17.27	188	2119387	24.69	ng/ul	0.00
76) Pyrene-d10	19.57	212	2397716	32.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1512862	26.86	ng/ul	0.00

Target Compounds

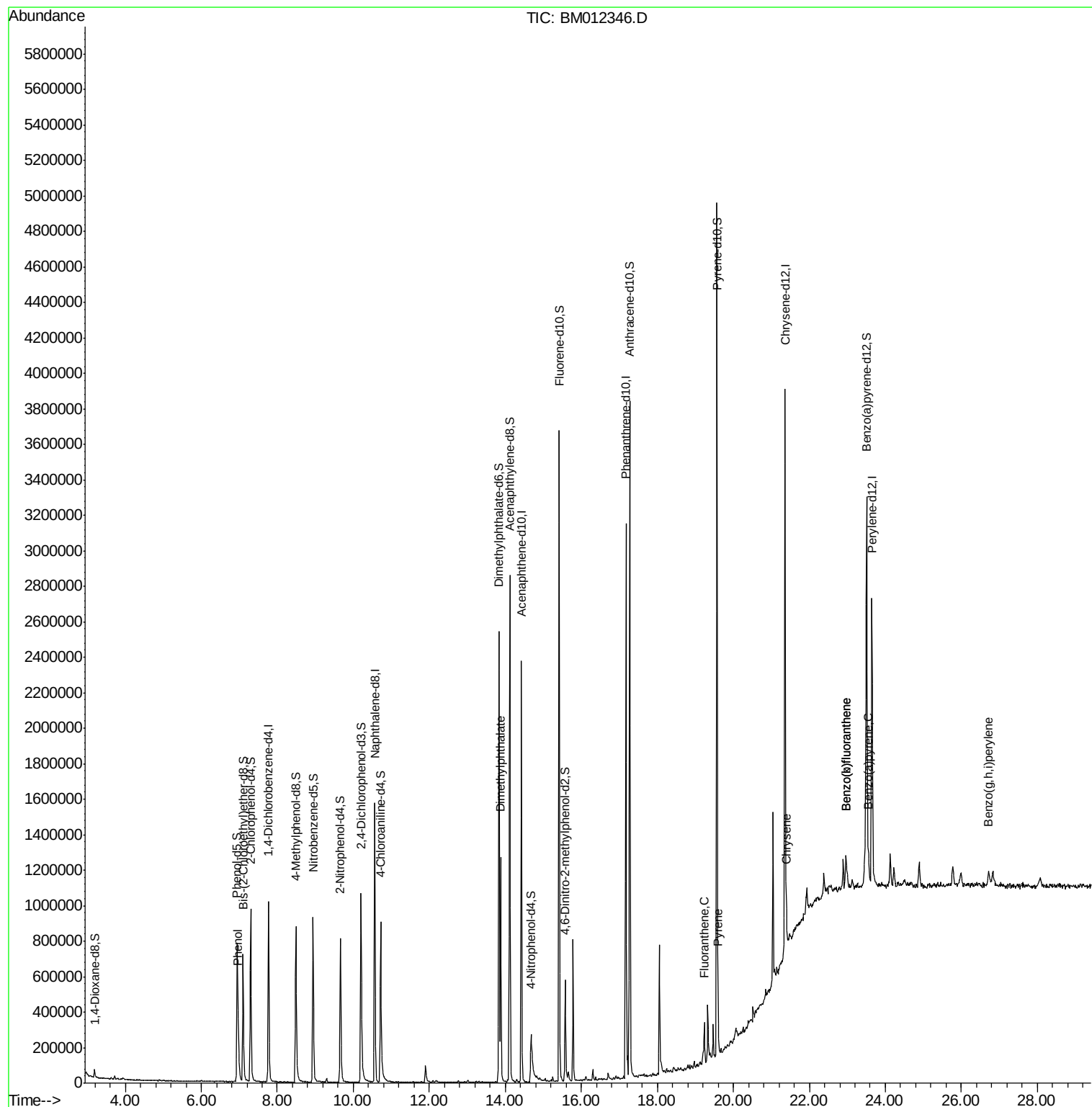
					Ovalue	
6) Phenol	6.97	94	145798	6.045	ng/ul	91
44) Dimethylphthalate	13.88	163	795064	11.813	ng/ul	99
74) Fluoranthene	19.24	202	128064	1.075	ng/ul	98
77) Pyrene	19.60	202	136165	1.419	ng/ul	97
82) Chrysene	21.39	228	98698	1.112	ng/ul	98
85) Benzo(b)fluoranthene	22.97	252	204844	2.686	ng/ul#	91
86) Benzo(k)fluoranthene	22.97	252	204844	2.788	ng/ul#	92
88) Benzo(a)pyrene	23.55	252	86541	1.204	ng/ul#	88
91) Benzo(a,h,i)perylene	26.72	276	84064	1.345	ng/ul#	96

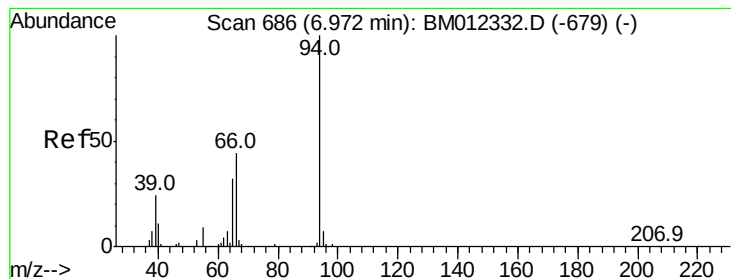
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.045 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. 0.00 min

Lab File: BM012346.D

Acq: 21 Oct 2017 07:13

Instrument :

BNA_M

ClientSampleId :

B0CF0

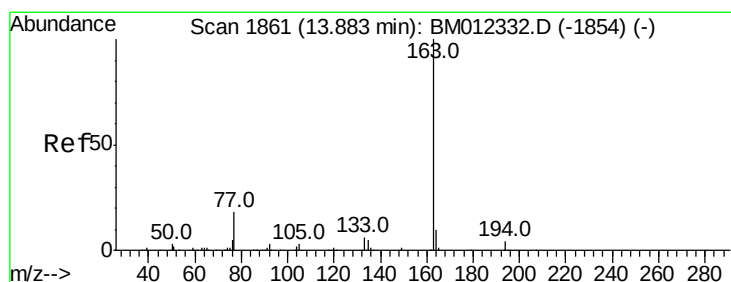
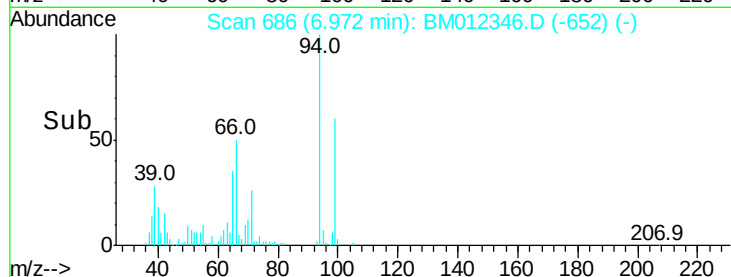
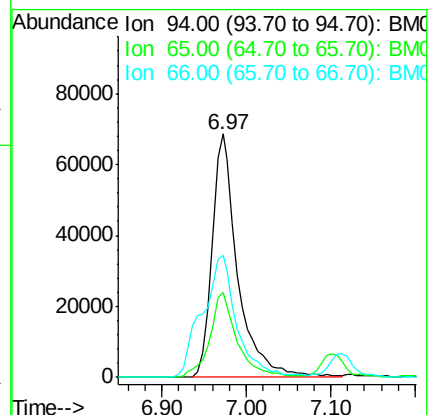
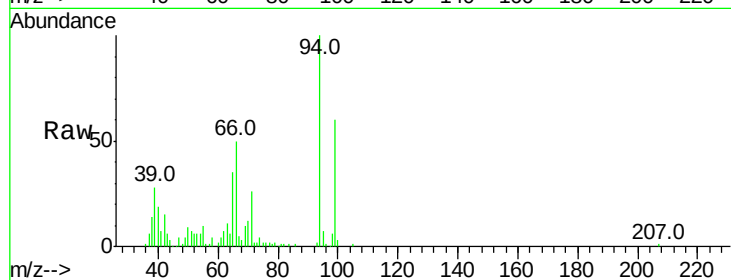
Tot Ion: 94 Resp: 145798

Ion Ratio Lower Upper

94 100

65 35.0 24.4 36.6

66 49.9 35.0 52.4



#44

Dimethylphthalate

Concen: 11.813 ng/ul

RT: 13.88 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM012346.D

Acq: 21 Oct 2017 07:13

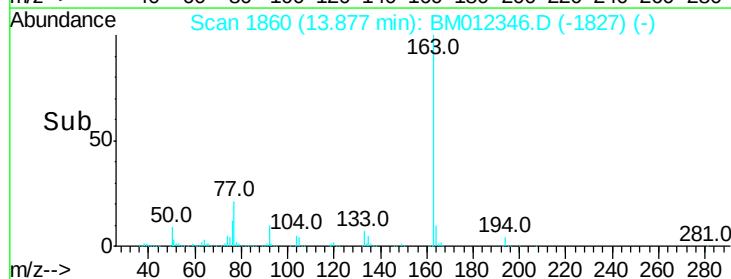
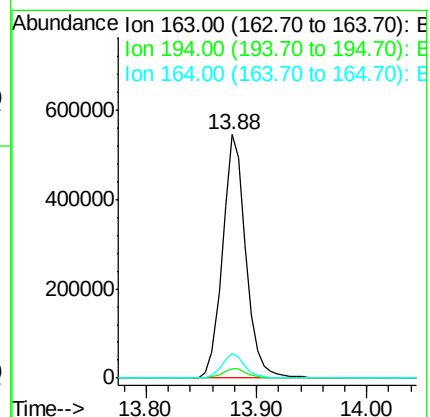
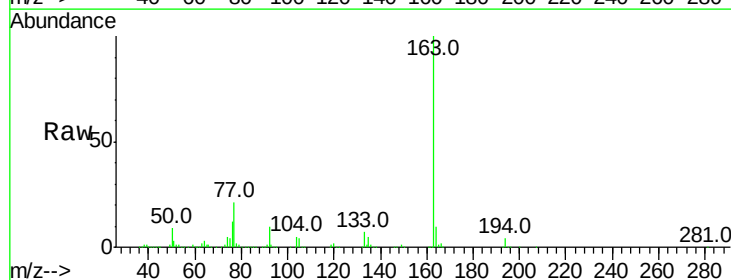
Tgt Ion: 163 Resp: 795064

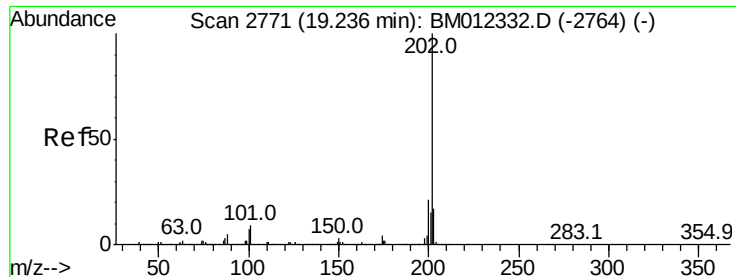
Ion Ratio Lower Upper

163 100

194 4.0 3.7 5.5

164 9.9 8.1 12.1





#74

Fluoranthene

Concen: 1.075 ng/ul

RT: 19.24 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BM012346.D

Acq: 21 Oct 2017 07:13

Instrument :

BNA_M

ClientSampleId :

B0CF0

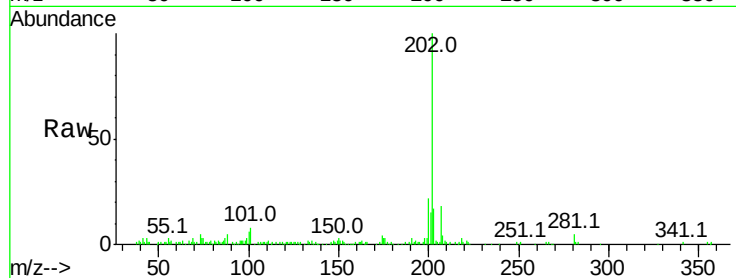
Tot Ion:202 Resp: 128064

Ion Ratio Lower Upper

202 100

101 7.8 5.8 8.6

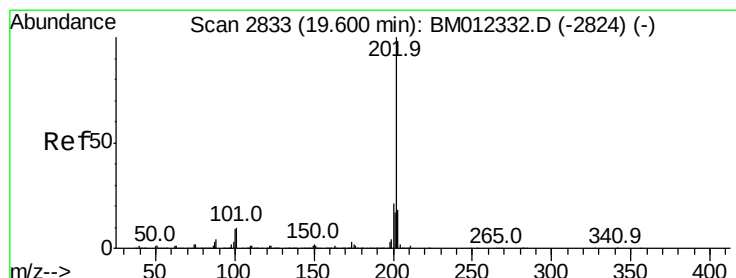
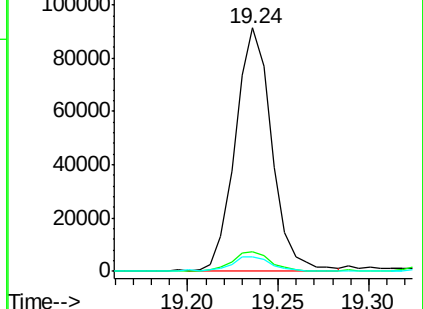
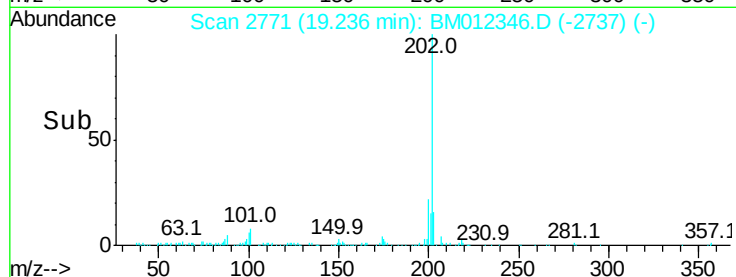
100 5.9 4.3 6.5



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

Pyrene

Concen: 1.419 ng/ul

RT: 19.60 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM012346.D

Acq: 21 Oct 2017 07:13

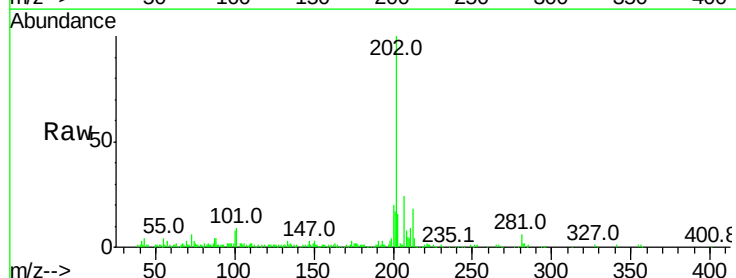
Tgt Ion:202 Resp: 136165

Ion Ratio Lower Upper

202 100

101 9.4 6.5 9.7

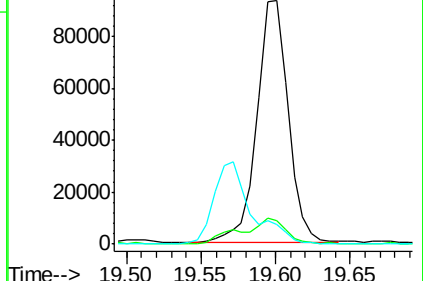
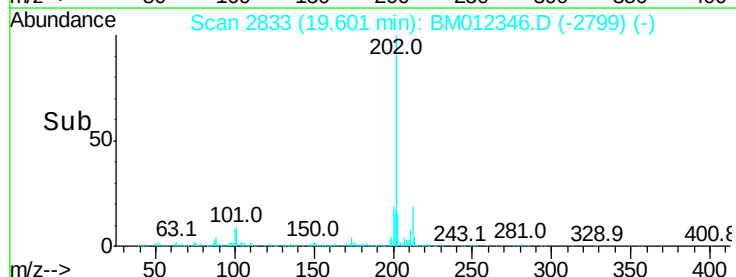
100 7.9 5.6 8.4

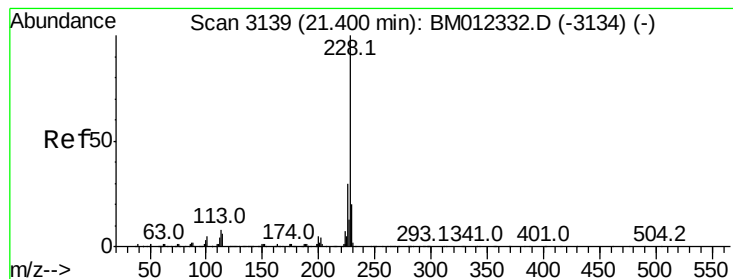


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 1.112 ng/ul

RT: 21.39 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BM012346.D

Acq: 21 Oct 2017 07:13

Instrument :

BNA_M

ClientSampleId :

B0CF0

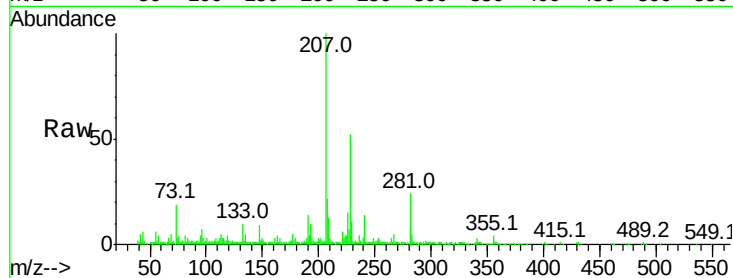
Tot Ion:228 Resp: 98698

Ion Ratio Lower Upper

228 100

226 29.3 24.0 36.0

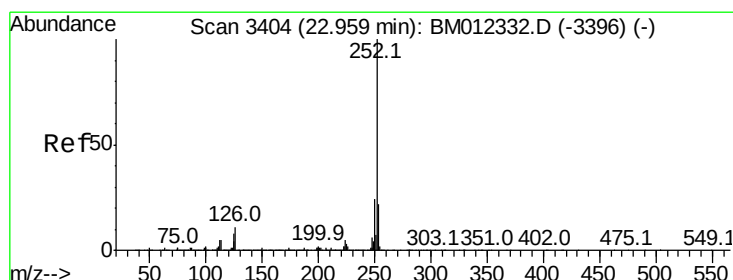
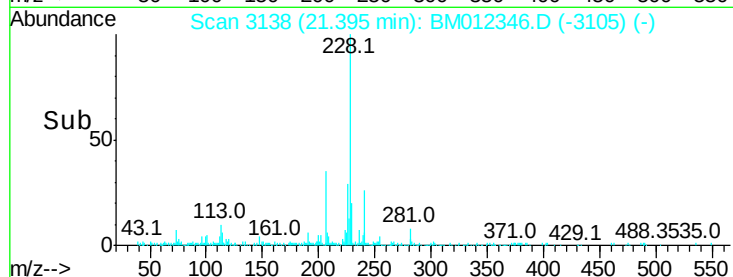
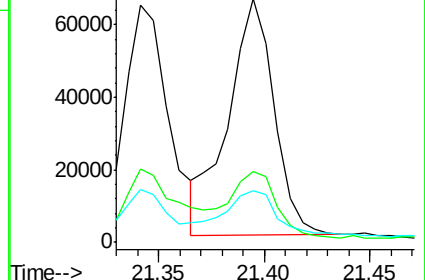
229 21.3 15.5 23.3



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: 2.686 ng/ul

RT: 22.97 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BM012346.D

Acq: 21 Oct 2017 07:13

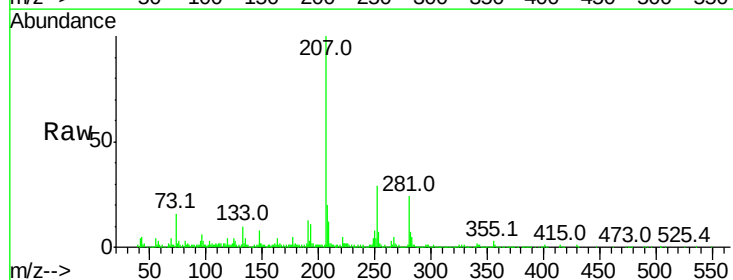
Tgt Ion:252 Resp: 204844

Ion Ratio Lower Upper

252 100

253 24.5 17.4 26.2

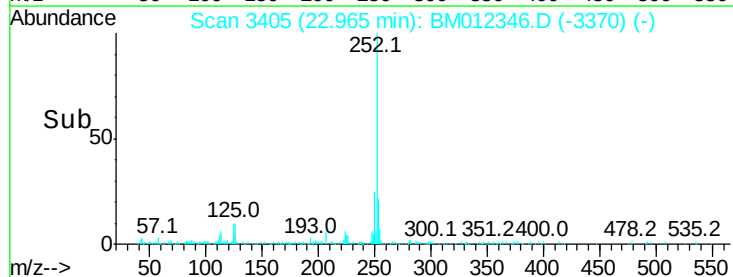
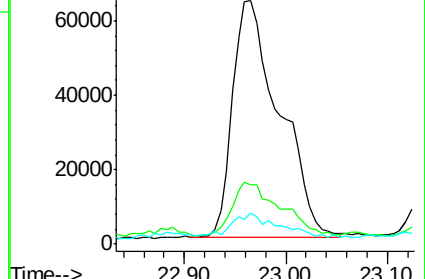
125 12.9 5.1 7.7#

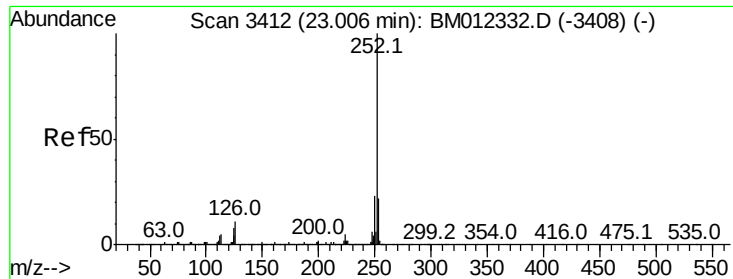


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

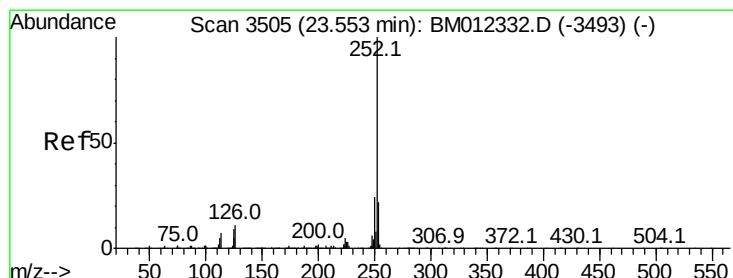
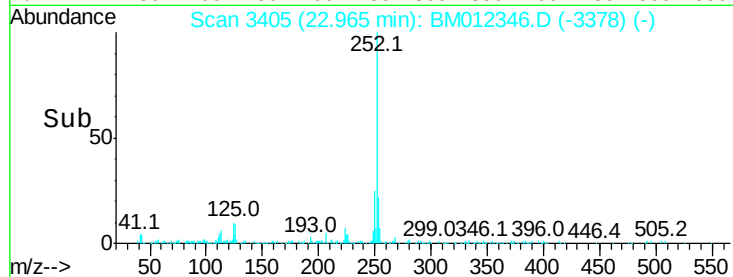
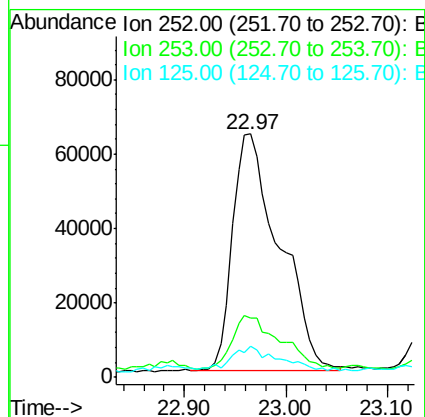
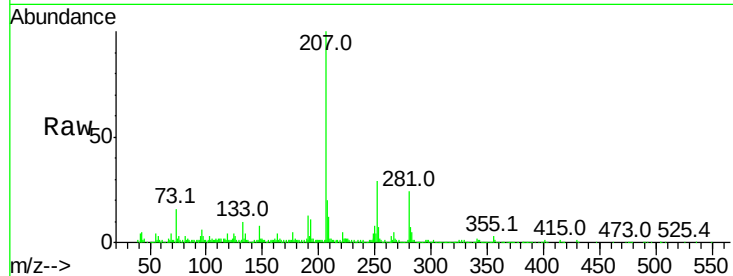




#86
Benzo(k)fluoranthene
Concen: 2.788 ng/ul
RT: 22.97 min Scan# 3405
Delta R.T. -0.04 min
Lab File: BM012346.D
Acq: 21 Oct 2017 07:13

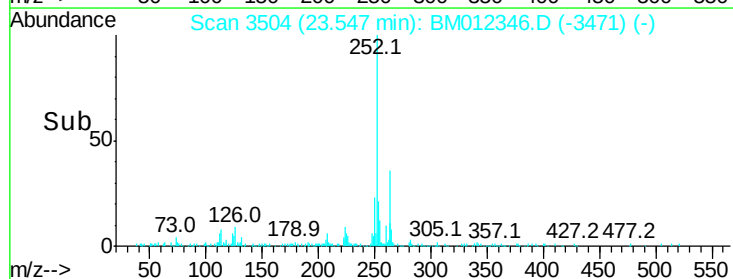
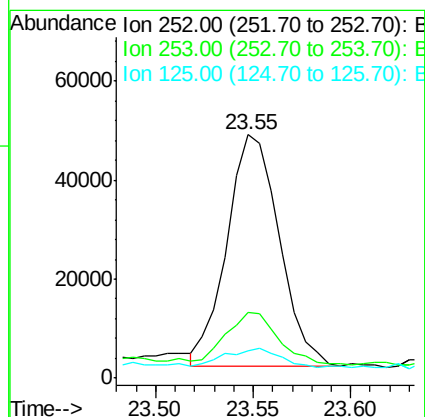
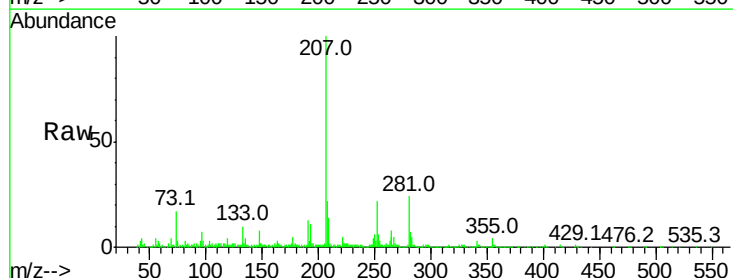
Instrument :
BNA_M
ClientSampleId :
B0CF0

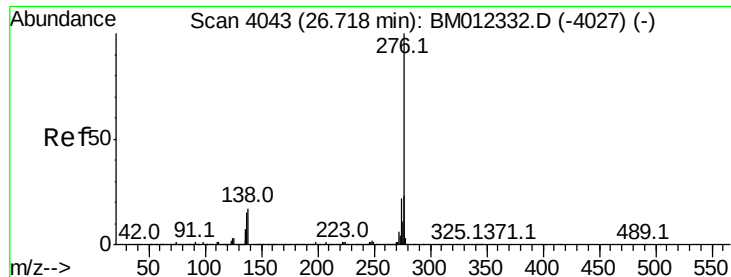
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	12.9	4.9	7.3#



#88
Benzo(a)pyrene
Concen: 1.204 ng/ul
RT: 23.55 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BM012346.D
Acq: 21 Oct 2017 07:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.1	25.7#
125	11.1	5.2	7.8#





#91

Benzo(a,h,i)perylene

Concen: 1.345 ng/ul

RT: 26.72 min Scan# 4043

Delta R.T. 0.00 min

Lab File: BM012346.D

Acq: 21 Oct 2017 07:13

Instrument :

BNA_M

ClientSampleId :

B0CF0

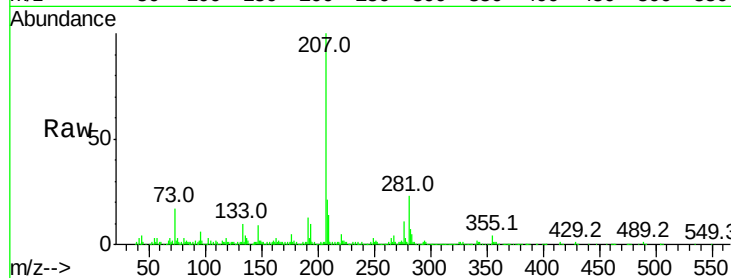
Tot Ion:276 Resp: 84064

Ion Ratio Lower Upper

276 100

138 16.9 10.7 16.1#

277 22.9 19.0 28.4



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

