

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\
 Data File : BM012345.D
 Acq On : 21 Oct 2017 06:37
 Operator : SJ/JU
 Sample : I5656-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0CA7

Quant Time: Oct 23 02:46:47 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	304684	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1359322	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	827224	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1863949	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1564729	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1251360	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	28536	4.45	ng/uL	0.00
5) Phenol-d5	6.94	99	643830	26.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	418733	28.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	572069	27.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	566136	26.60	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	290033	27.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	341163	28.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	614648	26.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	614435	28.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	2171076	29.69	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2620524	29.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	178200	16.21	ng/ul	0.00
57) Fluorene-d10	15.42	176	1823760	30.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	219609	17.17	ng/ul	0.00
70) Anthracene-d10	17.27	188	2685284	29.14	ng/ul	0.00
76) Pyrene-d10	19.57	212	2986646	37.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1882380	31.20	ng/ul	0.00

Target Compounds

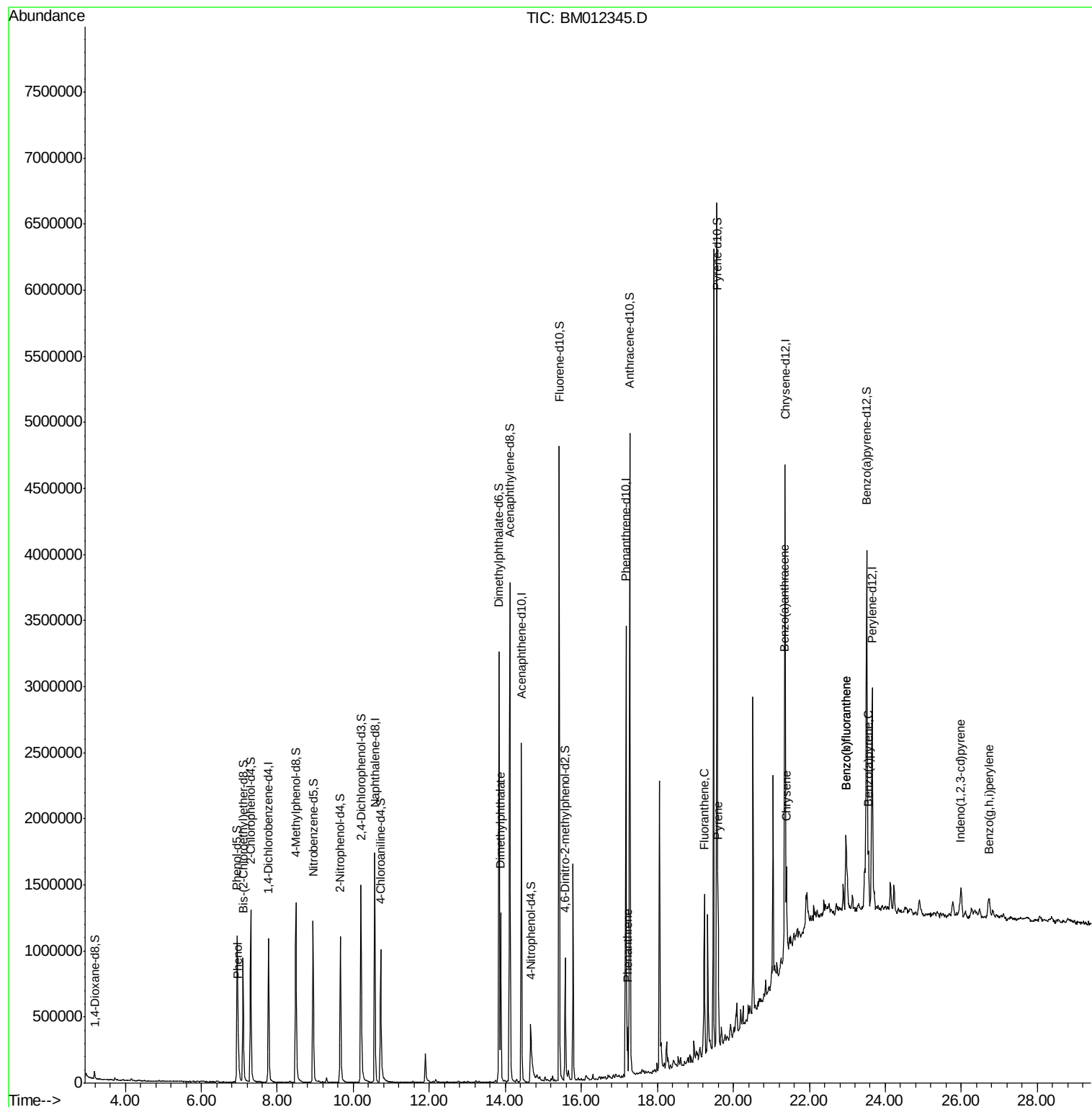
					Ovalue	
6) Phenol	6.97	94	130406	5.103	ng/ul	89
44) Dimethylphthalate	13.88	163	817703	11.163	ng/ul	99
69) Phenanthrene	17.21	178	205949	1.942	ng/ul	98
74) Fluoranthene	19.24	202	678605	5.303	ng/ul	97
77) Pyrene	19.60	202	690175	6.679	ng/ul#	95
80) Benzo(a)anthracene	21.34	228	384199	3.773	ng/ul	97
82) Chrysene	21.39	228	362759	3.795	ng/ul	95
85) Benzo(b)fluoranthene	22.96	252	455161	5.574	ng/ul#	95
86) Benzo(k)fluoranthene	22.96	252	455161	5.784	ng/ul#	96
88) Benzo(a)pyrene	23.55	252	289878	3.766	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.99	276	212667	2.602	ng/ul	98
91) Benzo(g,h,i)perylene	26.72	276	152523	2.278	ng/ul#	91

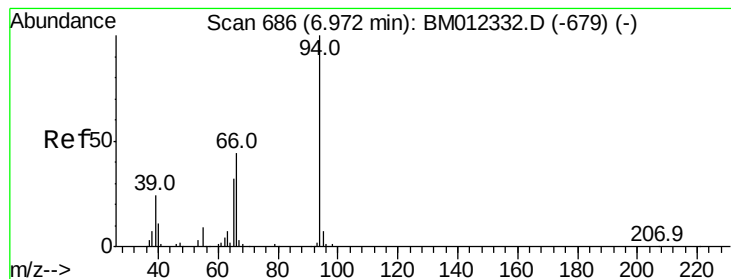
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.103 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM012345.D

Acq: 21 Oct 2017 06:37

Instrument :

BNA_M

ClientSampleId :

B0CA7

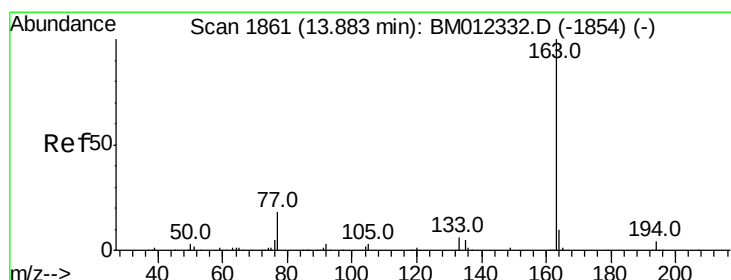
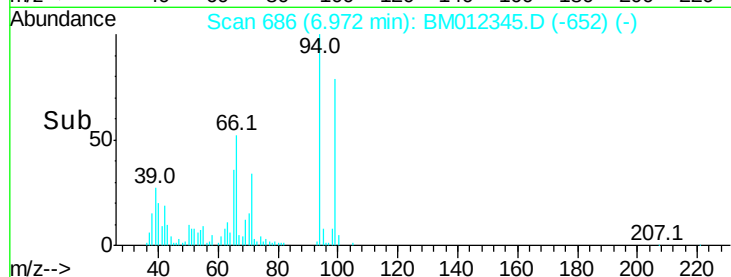
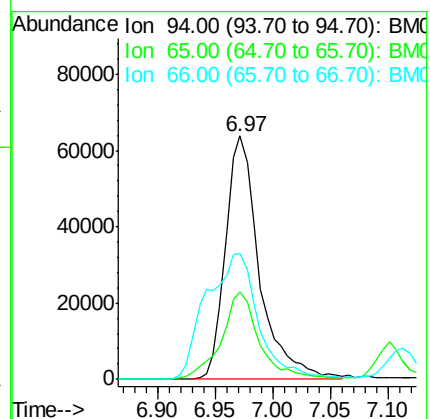
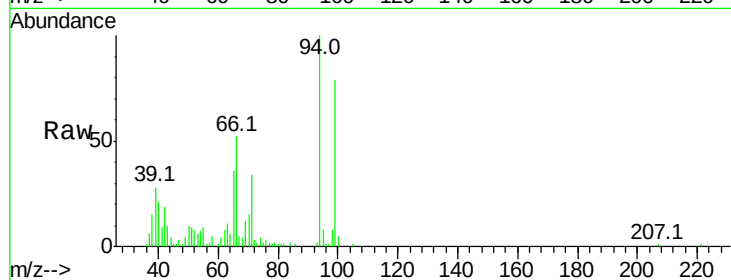
Tot Ion: 94 Resp: 130406

Ion Ratio Lower Upper

94 100

65 36.0 24.4 36.6

66 51.7 35.0 52.4



#44

Dimethylphthalate

Concen: 11.163 ng/ul

RT: 13.88 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM012345.D

Acq: 21 Oct 2017 06:37

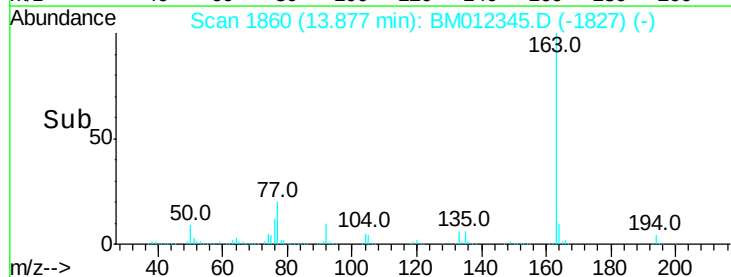
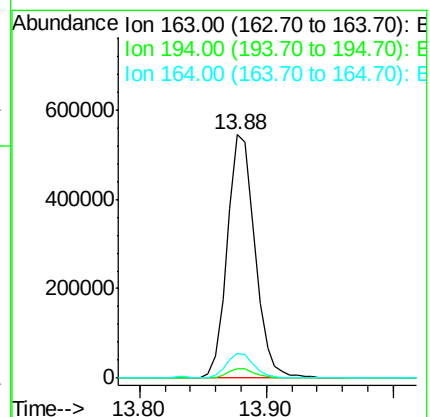
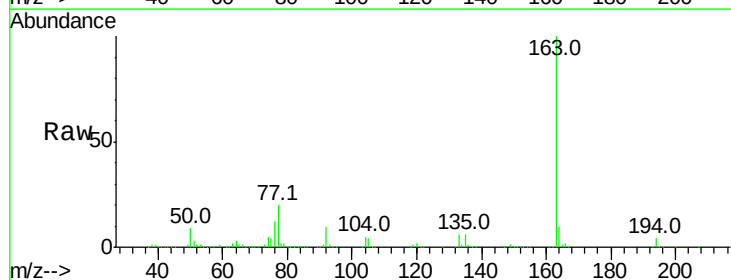
Tgt Ion:163 Resp: 817703

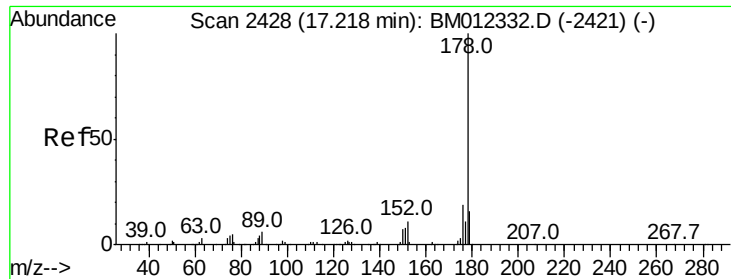
Ion Ratio Lower Upper

163 100

194 4.0 3.7 5.5

164 10.3 8.1 12.1





#69

Phenanthrene

Concen: 1.942 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BM012345.D

Acq: 21 Oct 2017 06:37

Instrument :

BNA_M

ClientSampleId :

B0CA7

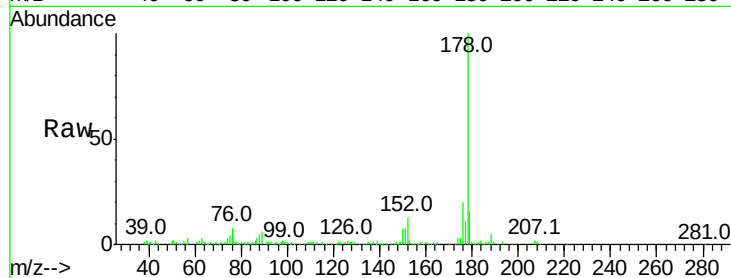
Tot Ion:178 Resp: 205949

Ion Ratio Lower Upper

178 100

179 15.9 12.0 18.0

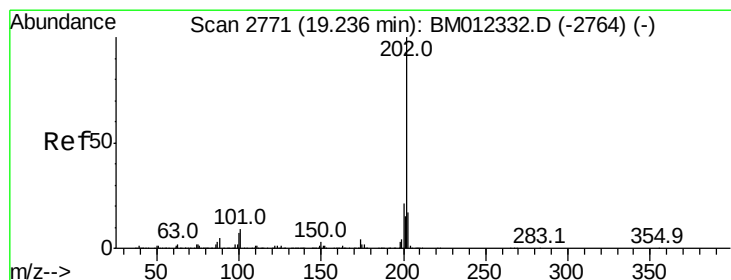
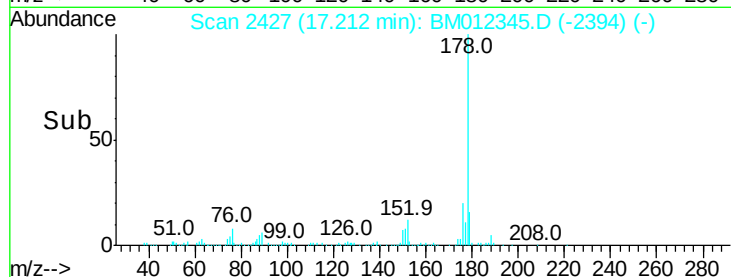
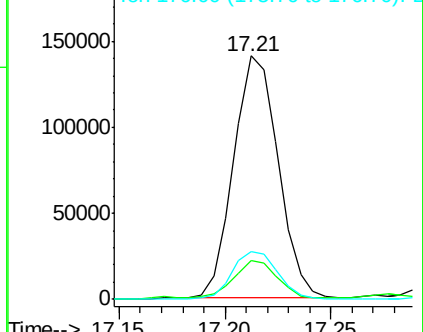
176 19.8 15.0 22.6



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: 5.303 ng/ul

RT: 19.24 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BM012345.D

Acq: 21 Oct 2017 06:37

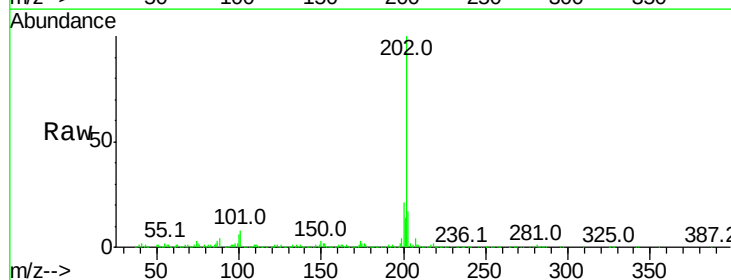
Tgt Ion:202 Resp: 678605

Ion Ratio Lower Upper

202 100

101 8.3 5.8 8.6

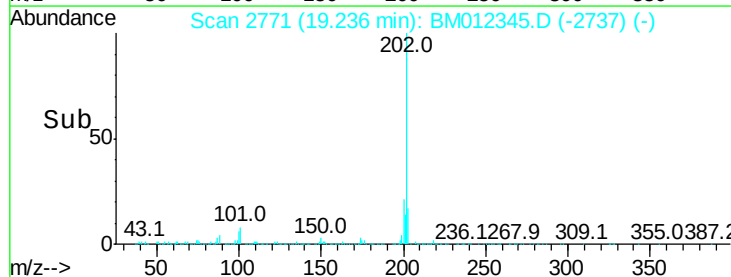
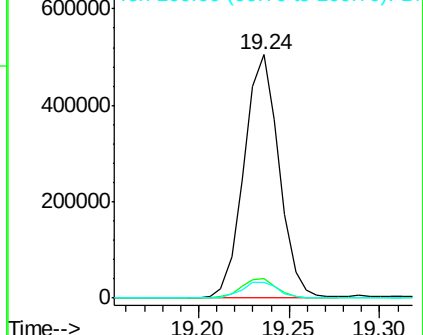
100 6.4 4.3 6.5

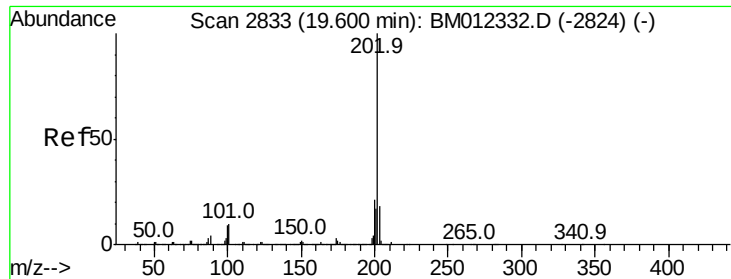


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 6.679 ng/ul

RT: 19.60 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BM012345.D

Acq: 21 Oct 2017 06:37

Instrument :

BNA_M

ClientSampleId :

B0CA7

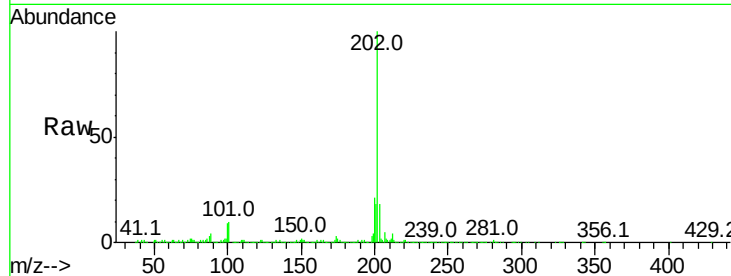
Tot Ion:202 Resp: 690175

Ion Ratio Lower Upper

202 100

101 9.7 6.5 9.7

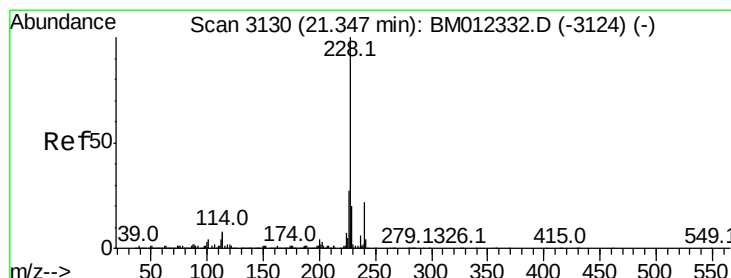
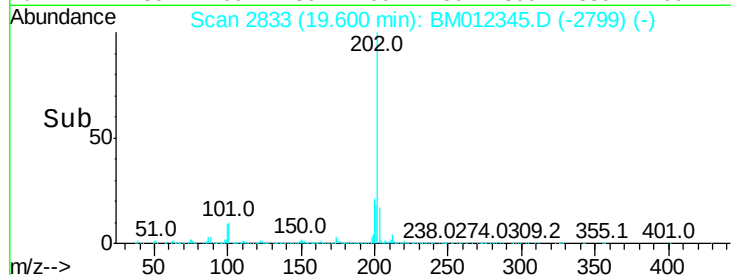
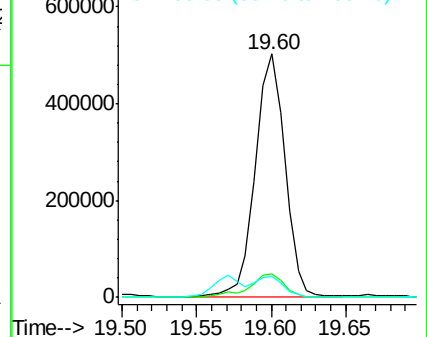
100 8.7 5.6 8.4#



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



#80

Benzo(a)anthracene

Concen: 3.773 ng/ul

RT: 21.34 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM012345.D

Acq: 21 Oct 2017 06:37

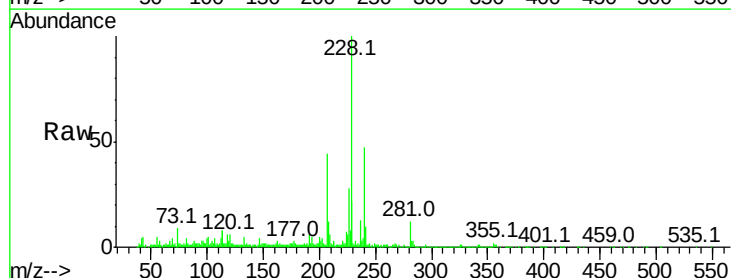
Tgt Ion:228 Resp: 384199

Ion Ratio Lower Upper

228 100

229 21.9 15.8 23.8

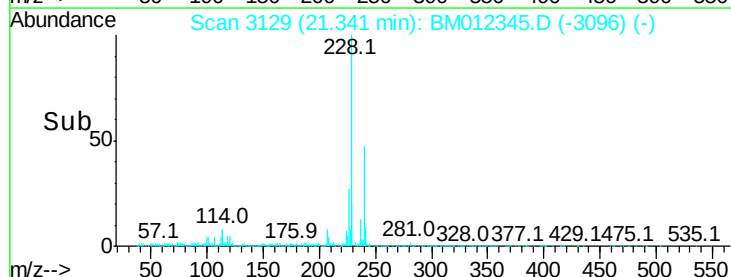
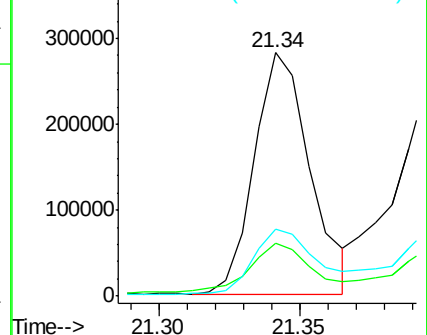
226 27.7 21.4 32.2

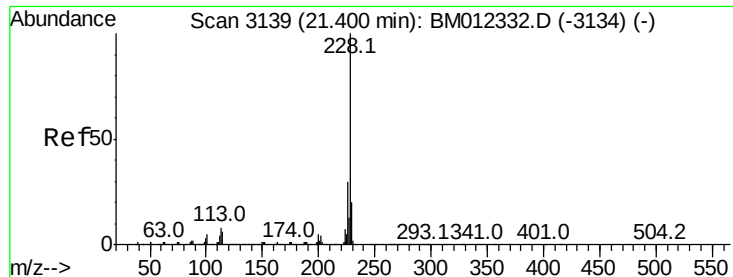


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.795 ng/ul

RT: 21.39 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BM012345.D

Acq: 21 Oct 2017 06:37

Instrument :

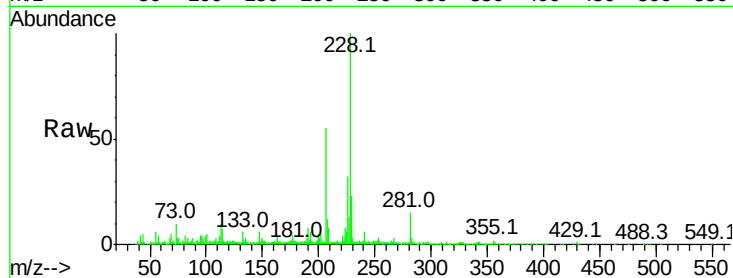
BNA_M

ClientSampleId :

B0CA7

Tot Ion:228 Resp: 362759

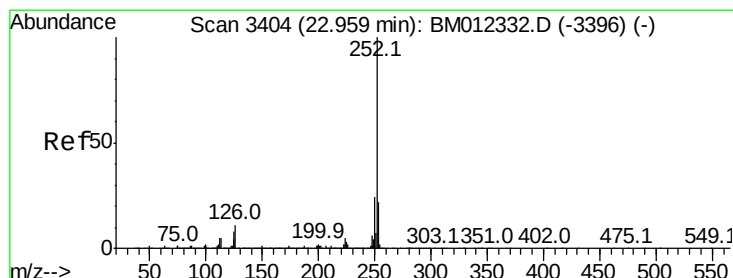
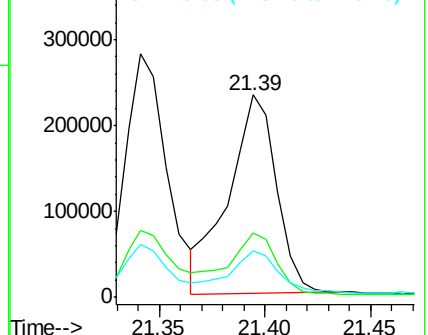
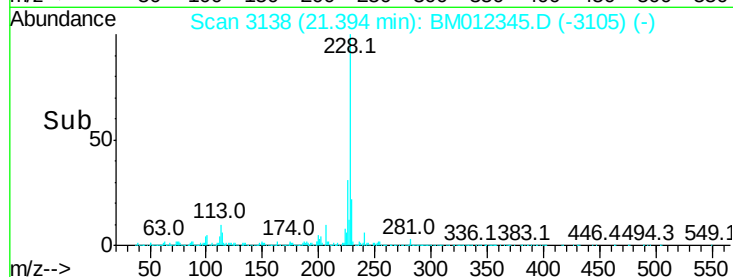
Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.0	36.0
229	22.7	15.5	23.3



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: 5.574 ng/ul

RT: 22.96 min Scan# 3404

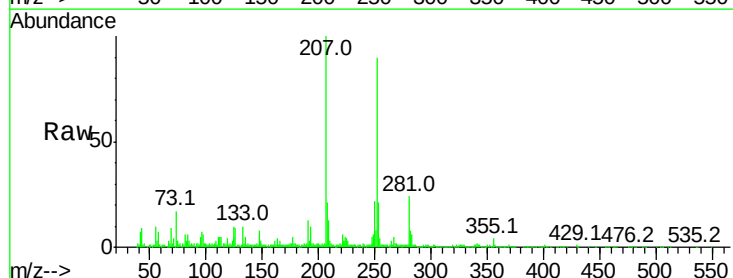
Delta R.T. -0.00 min

Lab File: BM012345.D

Acq: 21 Oct 2017 06:37

Tgt Ion:252 Resp: 455161

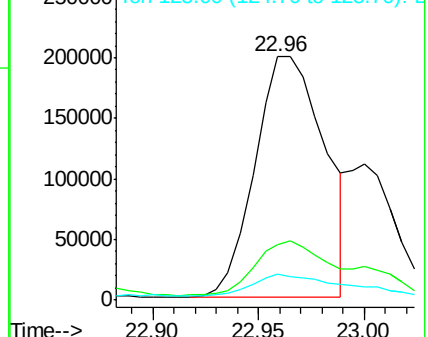
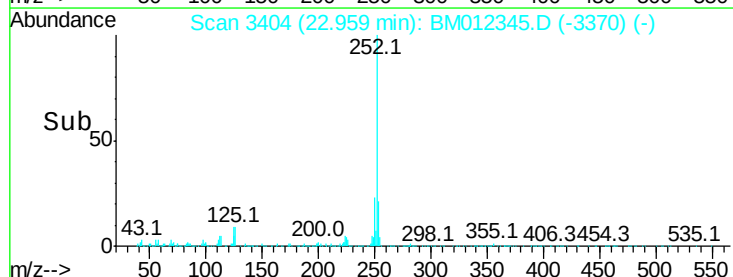
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	10.7	5.1	7.7#

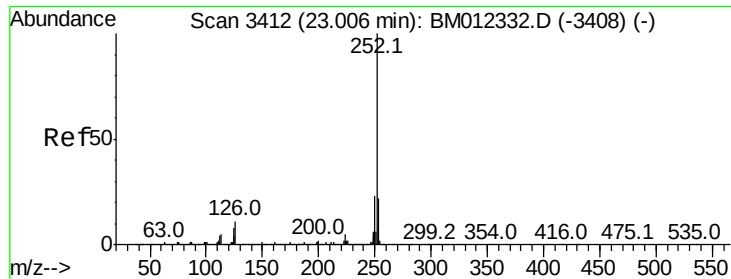


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

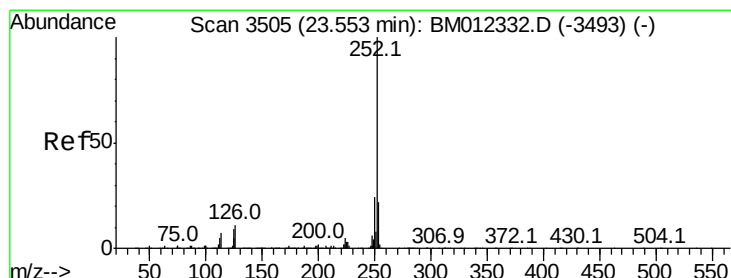
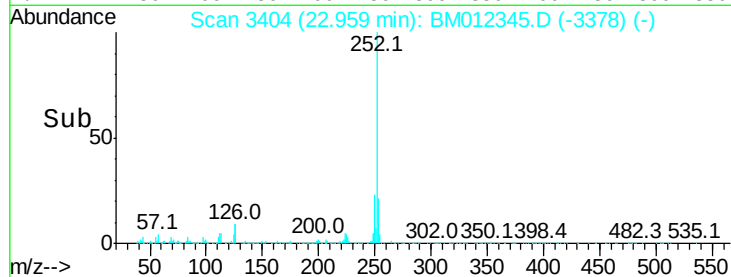
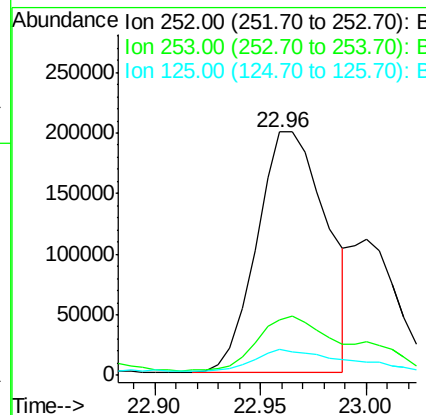
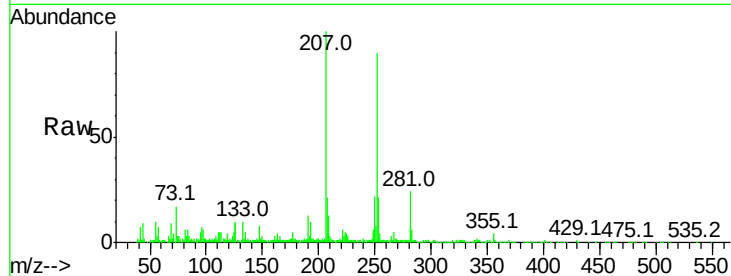




#86
Benzo(k)fluoranthene
Concen: 5.784 ng/ul
RT: 22.96 min Scan# 3404
Delta R.T. -0.05 min
Lab File: BM012345.D
Acq: 21 Oct 2017 06:37

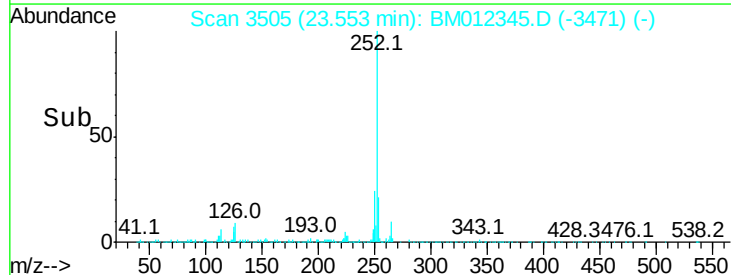
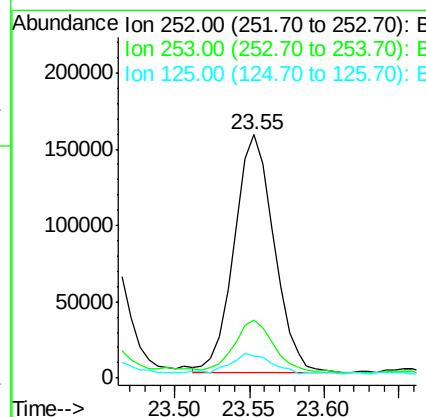
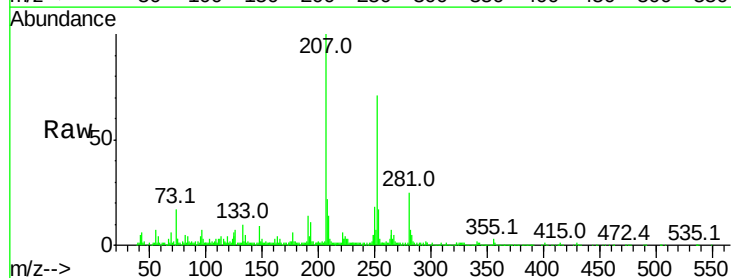
Instrument :
BNA_M
ClientSampleId :
B0CA7

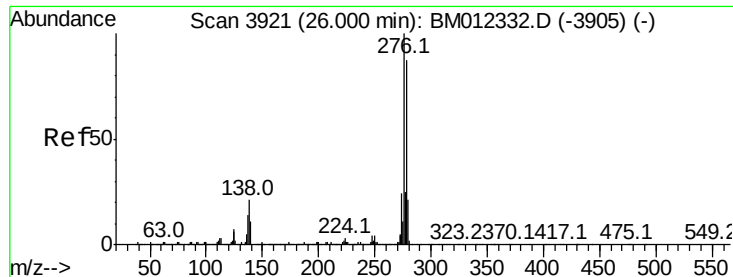
Tot Ion:252 Resp: 455161
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 10.7 4.9 7.3#



#88
Benzo(a)pyrene
Concen: 3.766 ng/ul
RT: 23.55 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BM012345.D
Acq: 21 Oct 2017 06:37

Tgt Ion:252 Resp: 289878
Ion Ratio Lower Upper
252 100
253 24.0 17.1 25.7
125 9.1 5.2 7.8#



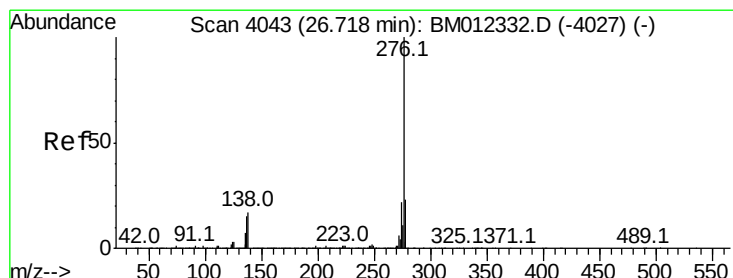
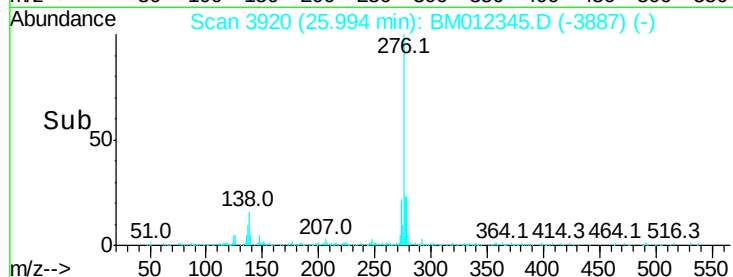
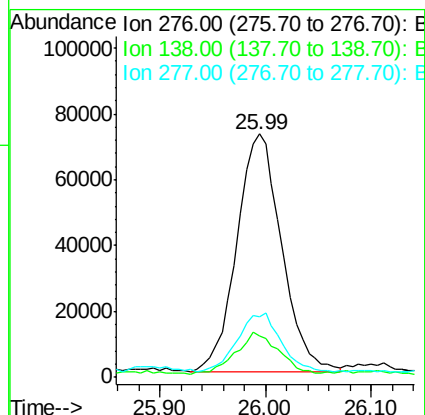
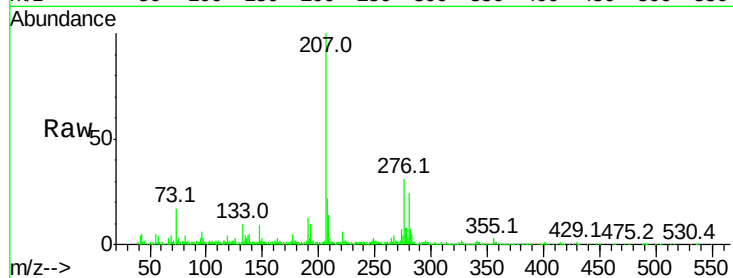


#89

Indeno(1,2,3-cd)pyrene
Concen: 2.602 ng/ul
RT: 25.99 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BM012345.D
Acq: 21 Oct 2017 06:37

Instrument :
BNA_M
ClientSampleId :
B0CA7

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.2	19.8
277	24.7	20.6	31.0



#91

Benzo(g,h,i)perylene
Concen: 2.278 ng/ul
RT: 26.72 min Scan# 4043
Delta R.T. -0.00 min
Lab File: BM012345.D
Acq: 21 Oct 2017 06:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	10.7	16.1#
277	27.3	19.0	28.4

