

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110117\
 Data File : BM012655.D
 Acq On : 02 Nov 2017 02:10
 Operator : SJ/JU
 Sample : I5937-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0DT3

Quant Time: Nov 02 04:17:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 02 04:04:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	180472	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	812991	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	567761	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1509864	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	2227882	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	2634722	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	9190	2.60	ng/uL	0.00
5) Phenol-d5	7.01	99	208808	13.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	110227	12.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	164232	14.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	165020	12.81	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	83729	16.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	97866	18.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	194697	14.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	175779	12.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	673378	13.58	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	796546	13.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	92399	12.53	ng/ul	0.00
57) Fluorene-d10	15.46	176	610355	14.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	91741	12.56	ng/ul	0.00
70) Anthracene-d10	17.31	188	1027220	14.28	ng/ul	0.00
76) Pyrene-d10	19.60	212	1295316	12.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	1742619	13.92	ng/ul	0.00

Target Compounds

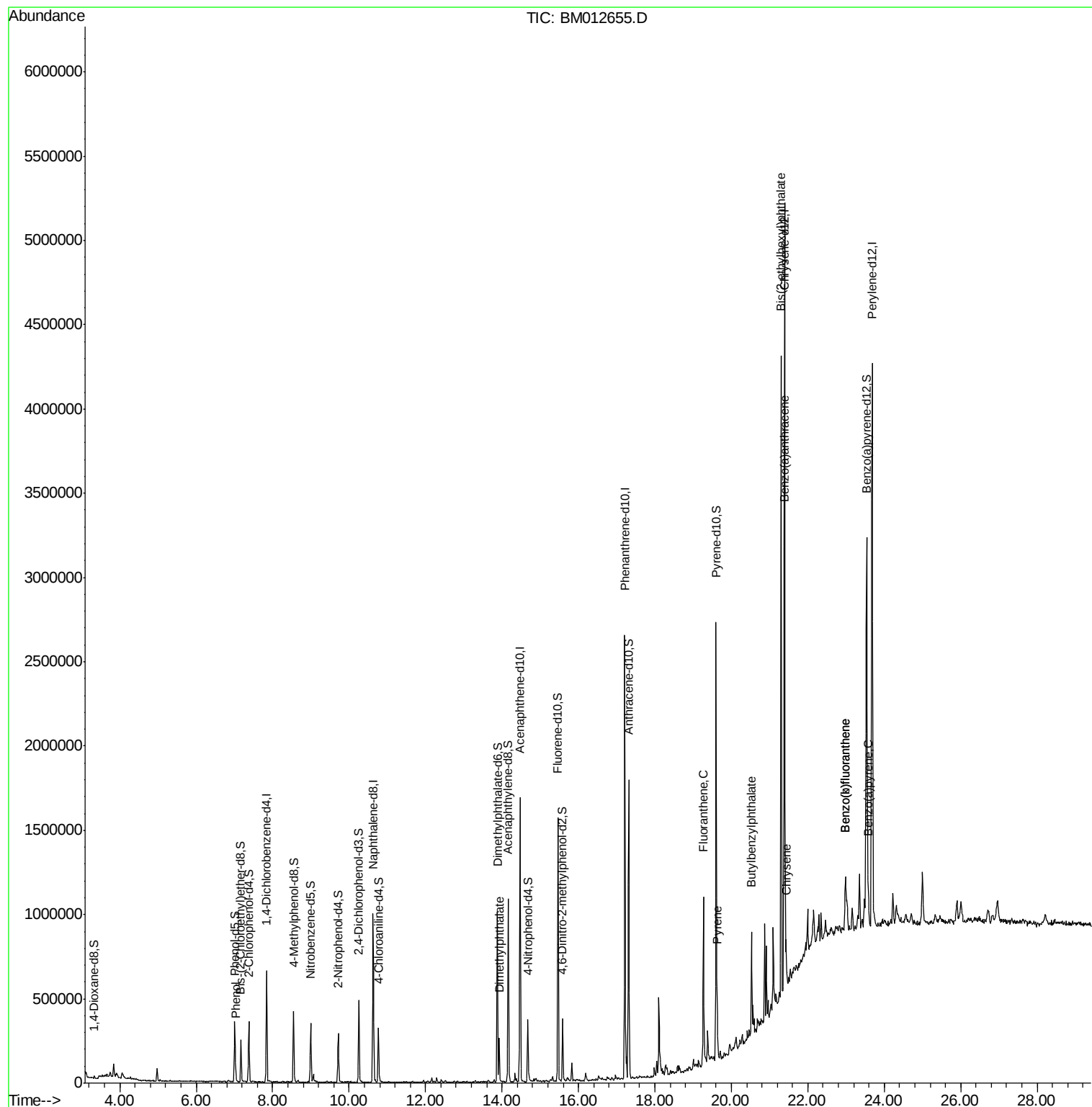
						Ovalue
6) Phenol	7.03	94	16223	1.03	ng/ul#	82
44) Dimethylphthalate	13.93	163	164321	3.35	ng/ul	99
74) Fluoranthene	19.27	202	237813	2.57	ng/ul#	89
77) Pyrene	19.63	202	243594	1.92	ng/ul#	94
78) Butylbenzylphthalate	20.53	149	170274	3.41	ng/ul#	83
80) Benzo(a)anthracene	21.37	228	154038	1.15	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.30	149	1292625	17.02	ng/ul	98
82) Chrysene	21.43	228	165523	1.40	ng/ul	96
85) Benzo(b)fluoranthene	22.99	252	251166	1.54	ng/ul#	95
86) Benzo(k)fluoranthene	22.99	252	251166	1.64	ng/ul#	93
88) Benzo(a)pyrene	23.58	252	175005	1.13	ng/ul#	98

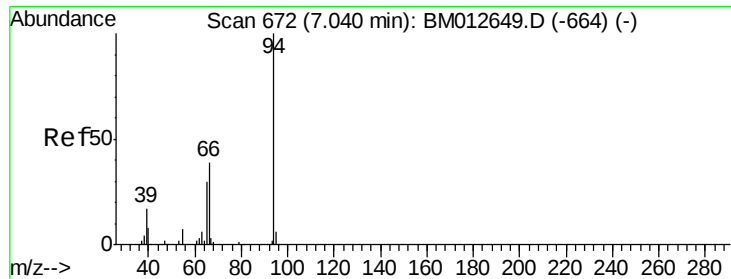
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 02 04:04:31 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.03 ng/ul

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM012655.D

Acq: 02 Nov 2017 02:10

Instrument :

BNA_M

ClientSampleId :

B0DT3

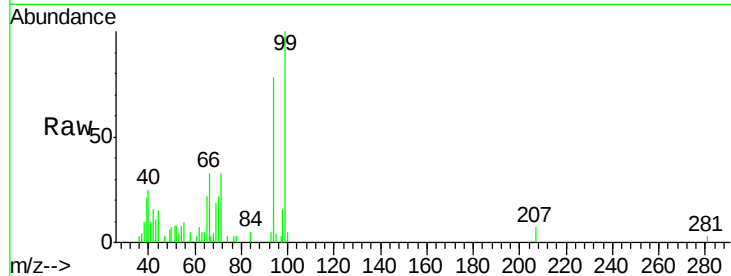
Tot Ion: 94 Resp: 16223

Ion Ratio Lower Upper

94 100

65 28.8 28.2 42.4

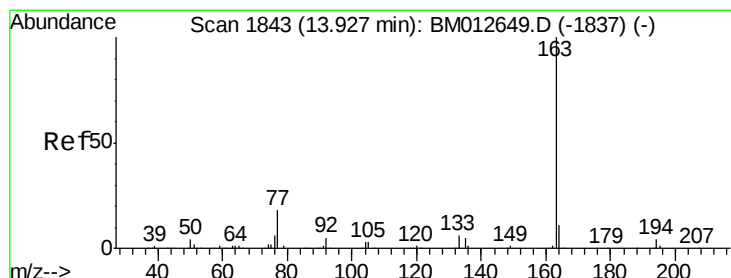
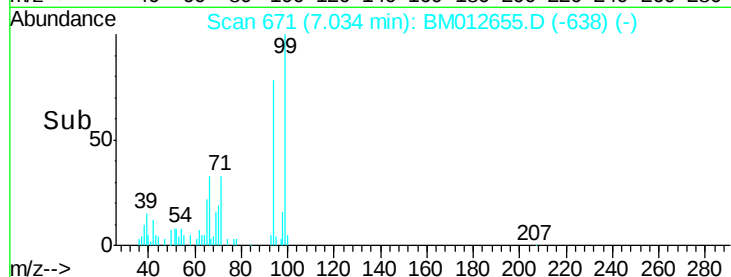
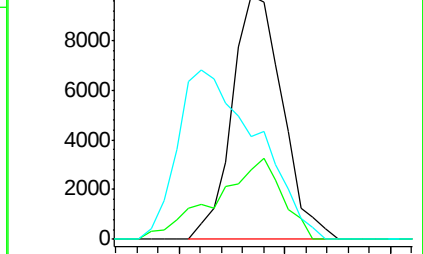
66 42.4 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012649.D (-664) (-)

Ion 65.00 (64.70 to 65.70): BM012649.D (-664) (-)

Ion 66.00 (65.70 to 66.70): BM012649.D (-664) (-)



#44

Dimethylphthalate

Concen: 3.35 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BM012655.D

Acq: 02 Nov 2017 02:10

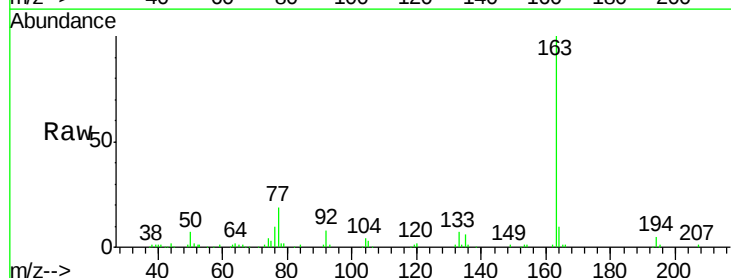
Tgt Ion:163 Resp: 164321

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

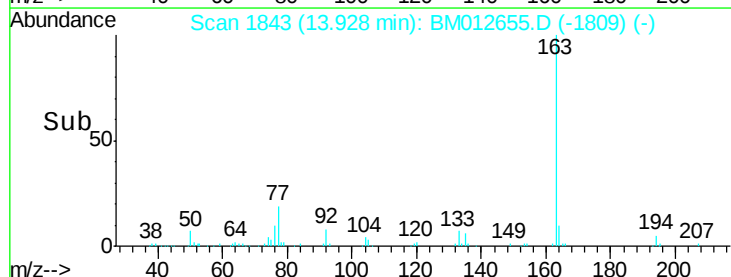
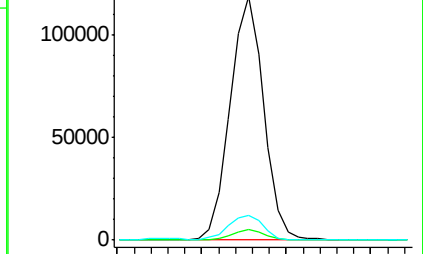
164 9.9 8.2 12.4

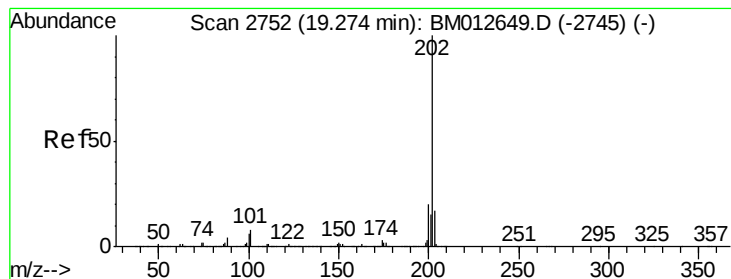


Abundance Ion 163.00 (162.70 to 163.70): BM012649.D (-1837) (-)

Ion 194.00 (193.70 to 194.70): BM012649.D (-1837) (-)

Ion 164.00 (163.70 to 164.70): BM012649.D (-1837) (-)





#74

Fluoranthene

Concen: 2.57 ng/ul

RT: 19.27 min Scan# 2751

Delta R.T. -0.01 min

Lab File: BM012655.D

Acq: 02 Nov 2017 02:10

Instrument :

BNA_M

ClientSampleId :

B0DT3

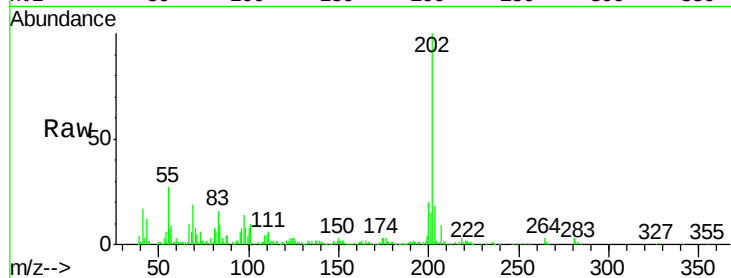
Tot Ion:202 Resp: 237813

Ion Ratio Lower Upper

202 100

101 9.7 4.6 7.0#

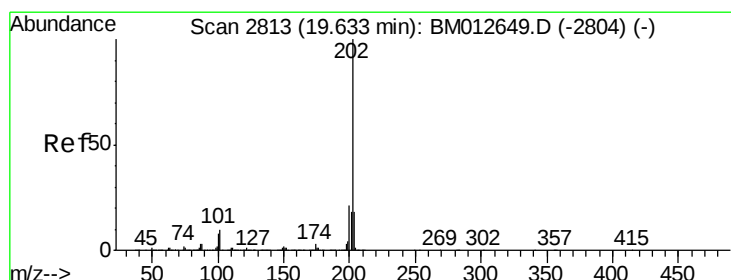
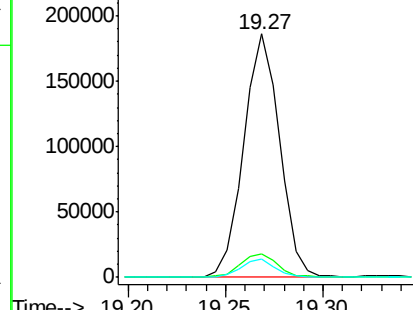
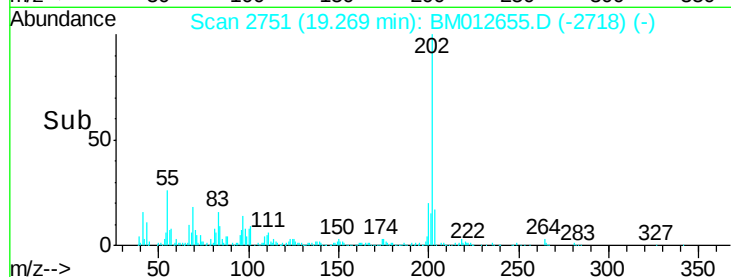
100 7.7 3.4 5.2#



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: 1.92 ng/ul

RT: 19.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BM012655.D

Acq: 02 Nov 2017 02:10

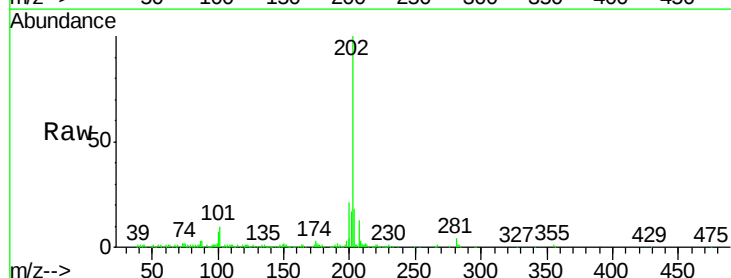
Tgt Ion:202 Resp: 243594

Ion Ratio Lower Upper

202 100

101 9.6 5.1 7.7#

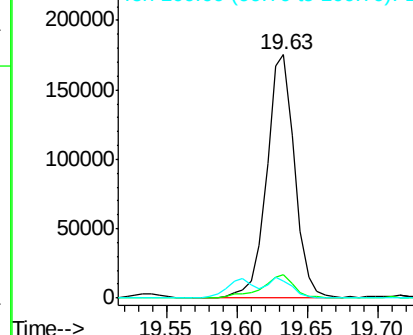
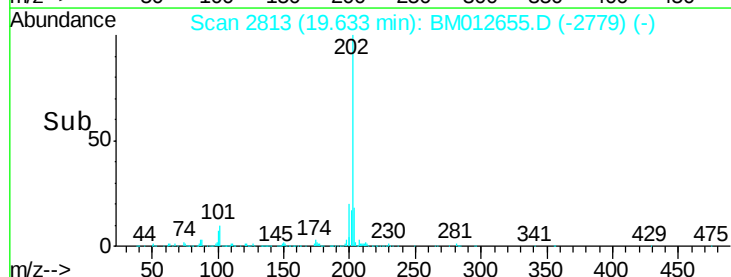
100 6.8 4.9 7.3

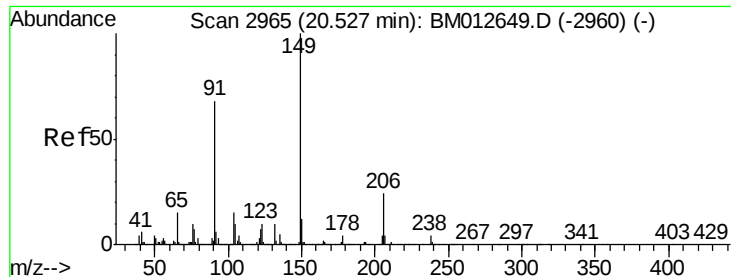


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

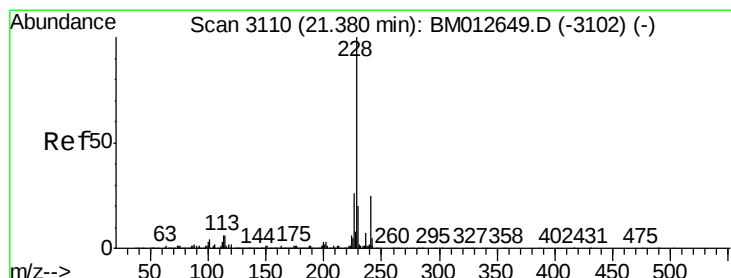
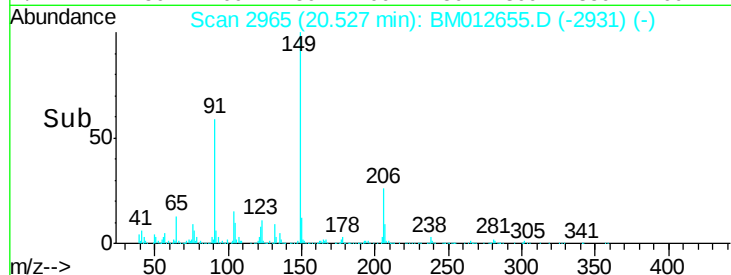
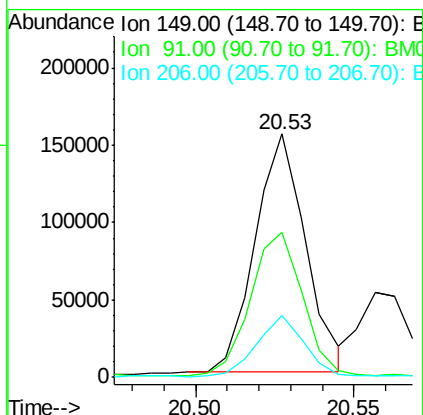
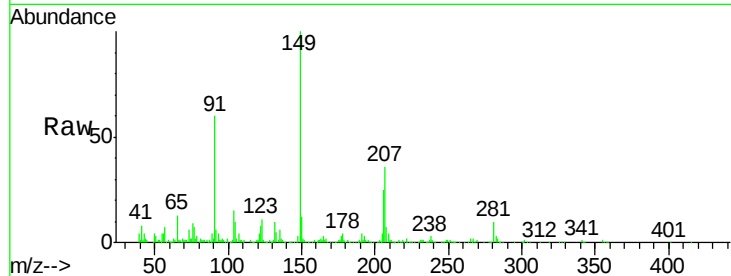




#78
Butylbenzylphthalate
Concen: 3.41 ng/ul
RT: 20.53 min Scan# 2965
Delta R.T. 0.00 min
Lab File: BM012655.D
Acq: 02 Nov 2017 02:10

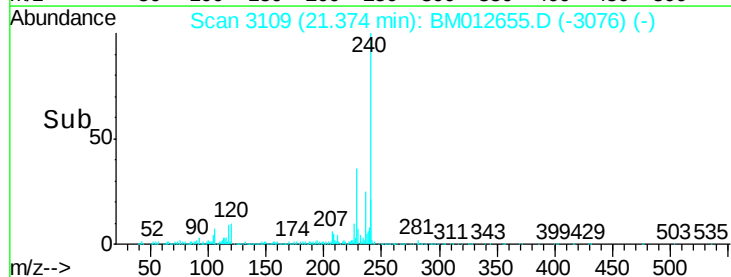
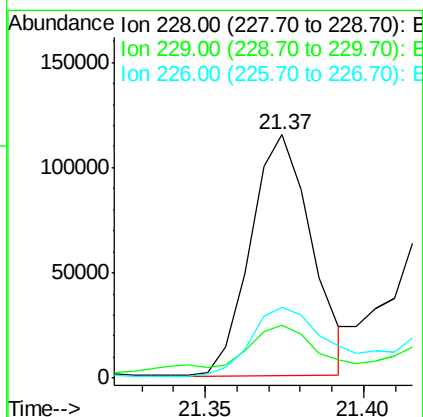
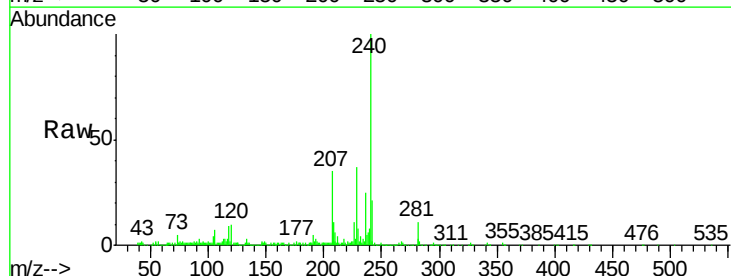
Instrument :
BNA_M
ClientSampleId :
B0DT3

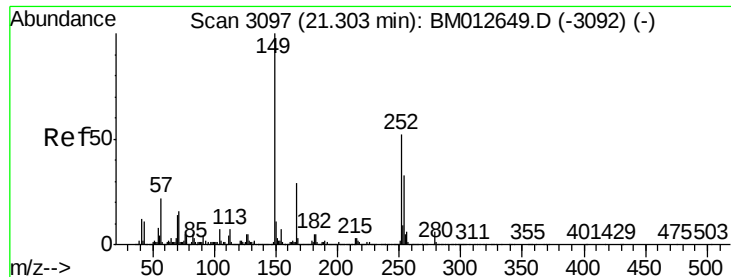
Tot Ion:149 Resp: 170274
Ion Ratio Lower Upper
149 100
91 59.5 62.7 94.1#
206 25.2 20.8 31.2



#80
Benzo(a)anthracene
Concen: 1.15 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM012655.D
Acq: 02 Nov 2017 02:10

Tgt Ion:228 Resp: 154038
Ion Ratio Lower Upper
228 100
229 21.8 15.4 23.0
226 29.1 21.4 32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 17.02 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BM012655.D

Acq: 02 Nov 2017 02:10

Instrument :

BNA_M

ClientSampleId :

B0DT3

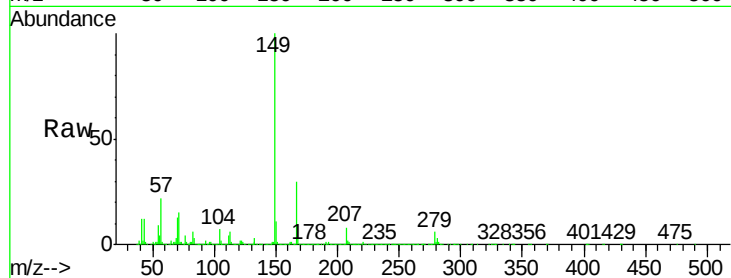
Tot Ion:149 Resp: 1292625

Ion Ratio Lower Upper

149 100

167 29.7 22.8 34.2

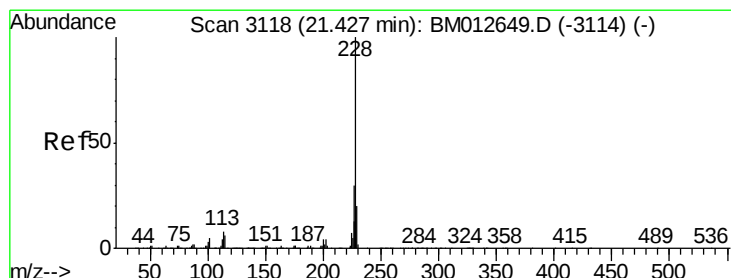
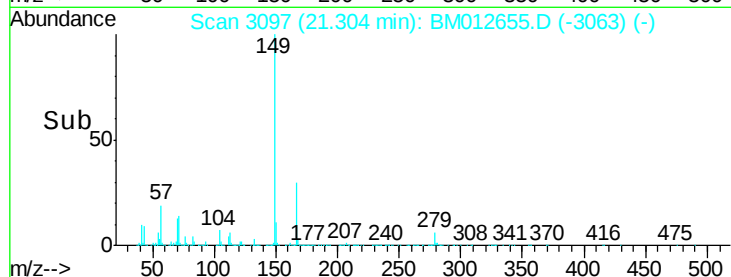
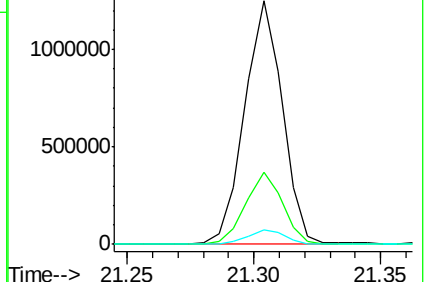
279 5.9 4.9 7.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 1.40 ng/ul

RT: 21.43 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BM012655.D

Acq: 02 Nov 2017 02:10

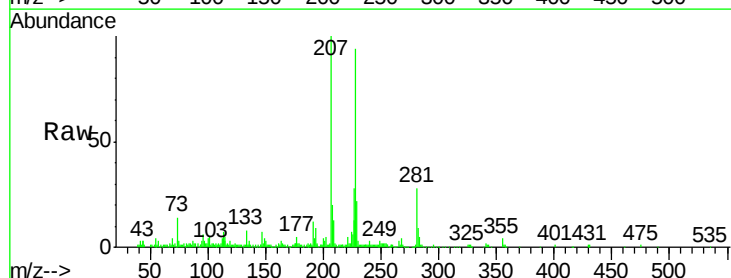
Tgt Ion:228 Resp: 165523

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.2

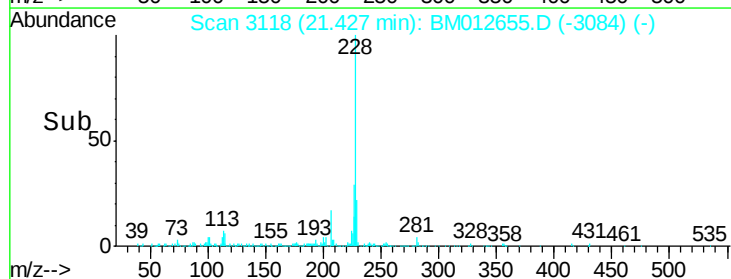
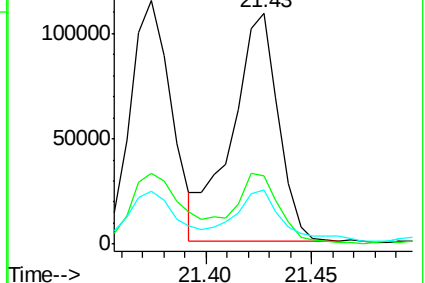
229 23.2 15.5 23.3

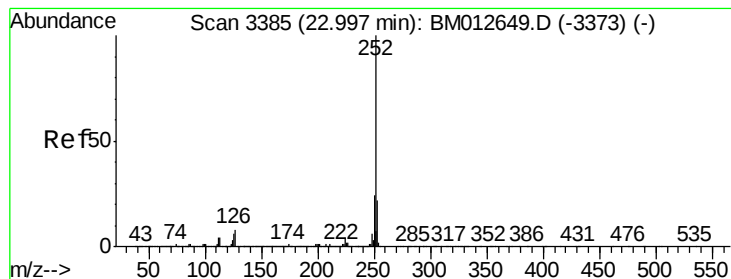


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.54 ng/ul

RT: 22.99 min Scan# 3384

Delta R.T. -0.01 min

Lab File: BM012655.D

Acq: 02 Nov 2017 02:10

Instrument :

BNA_M

ClientSampled :

B0DT3

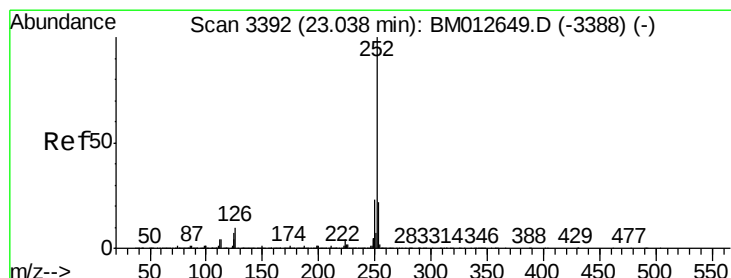
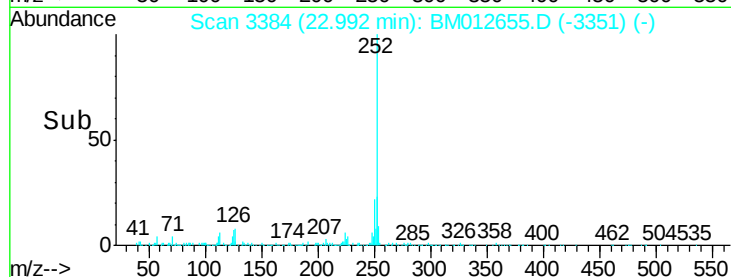
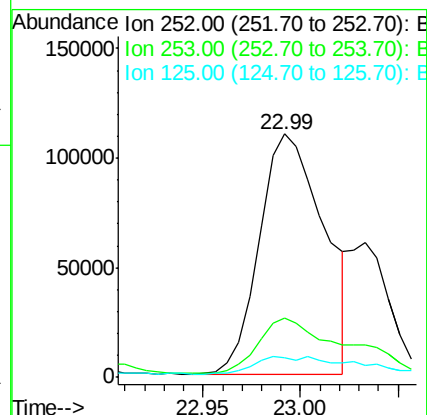
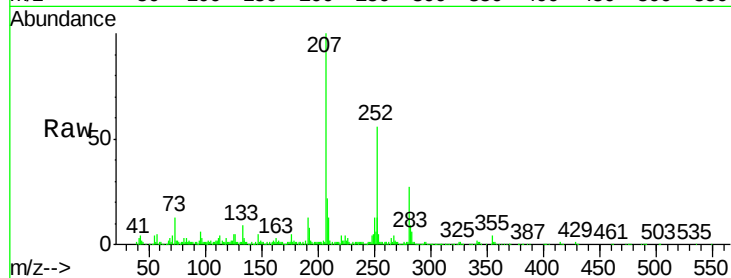
Tot Ion:252 Resp: 251166

Ion Ratio Lower Upper

252 100

253 24.2 17.9 26.9

125 8.1 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 1.64 ng/ul

RT: 22.99 min Scan# 3384

Delta R.T. -0.05 min

Lab File: BM012655.D

Acq: 02 Nov 2017 02:10

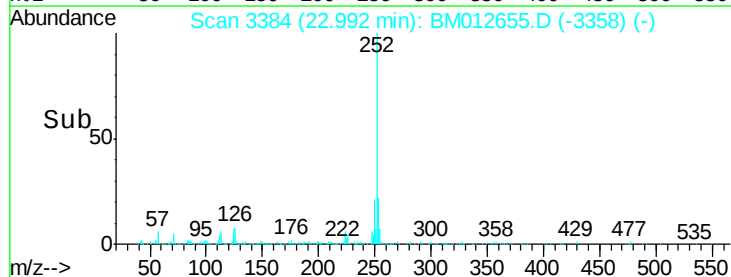
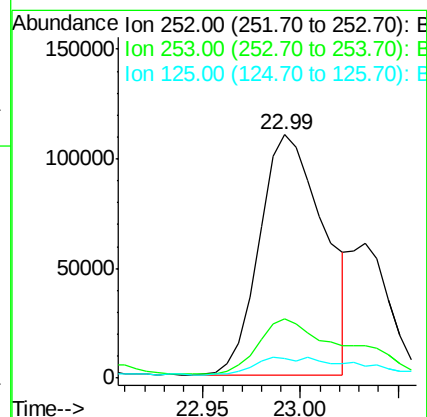
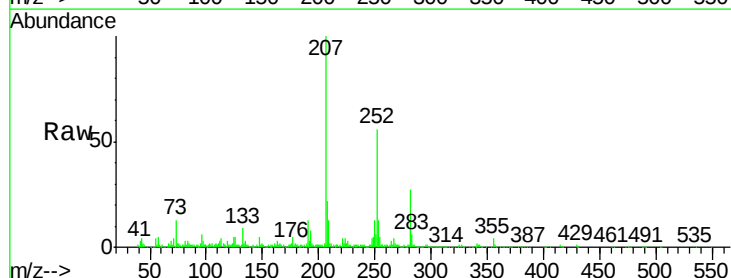
Tgt Ion:252 Resp: 251166

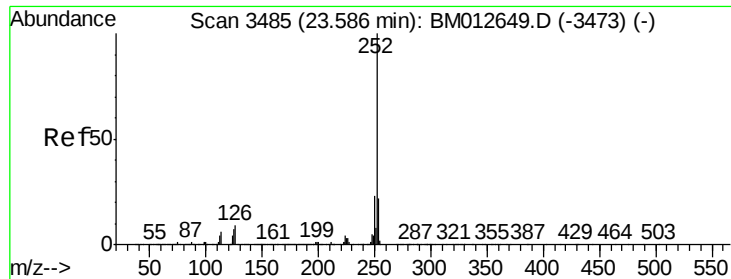
Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

125 8.1 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 1.13 ng/ul

RT: 23.58 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BM012655.D

Acq: 02 Nov 2017 02:10

Instrument :

BNA_M

ClientSampleId :

B0DT3

Tot Ion:252 Resp: 175005

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

125 8.2 4.0 6.0#

