

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110117\
 Data File : BM012648.D
 Acq On : 01 Nov 2017 22:01
 Operator : SJ/JU
 Sample : I5937-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0DR5

Quant Time: Nov 02 01:38:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 02 01:34:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	157131	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	721041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	507062	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1344317	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1895117	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	2294774	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	12252	3.98	ng/uL	0.00
5) Phenol-d5	7.01	99	316822	24.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	181700	23.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	250136	25.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	245245	21.86	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	138429	30.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	172243	37.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	307698	24.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	343059	26.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1224897	27.65	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1380986	26.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	203533	30.91	ng/ul	-0.01
57) Fluorene-d10	15.47	176	1052120	28.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	200389	30.80	ng/ul	0.00
70) Anthracene-d10	17.32	188	1756101	27.41	ng/ul	0.00
76) Pyrene-d10	19.60	212	2209874	25.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	3042359	27.91	ng/ul	-0.01

Target Compounds

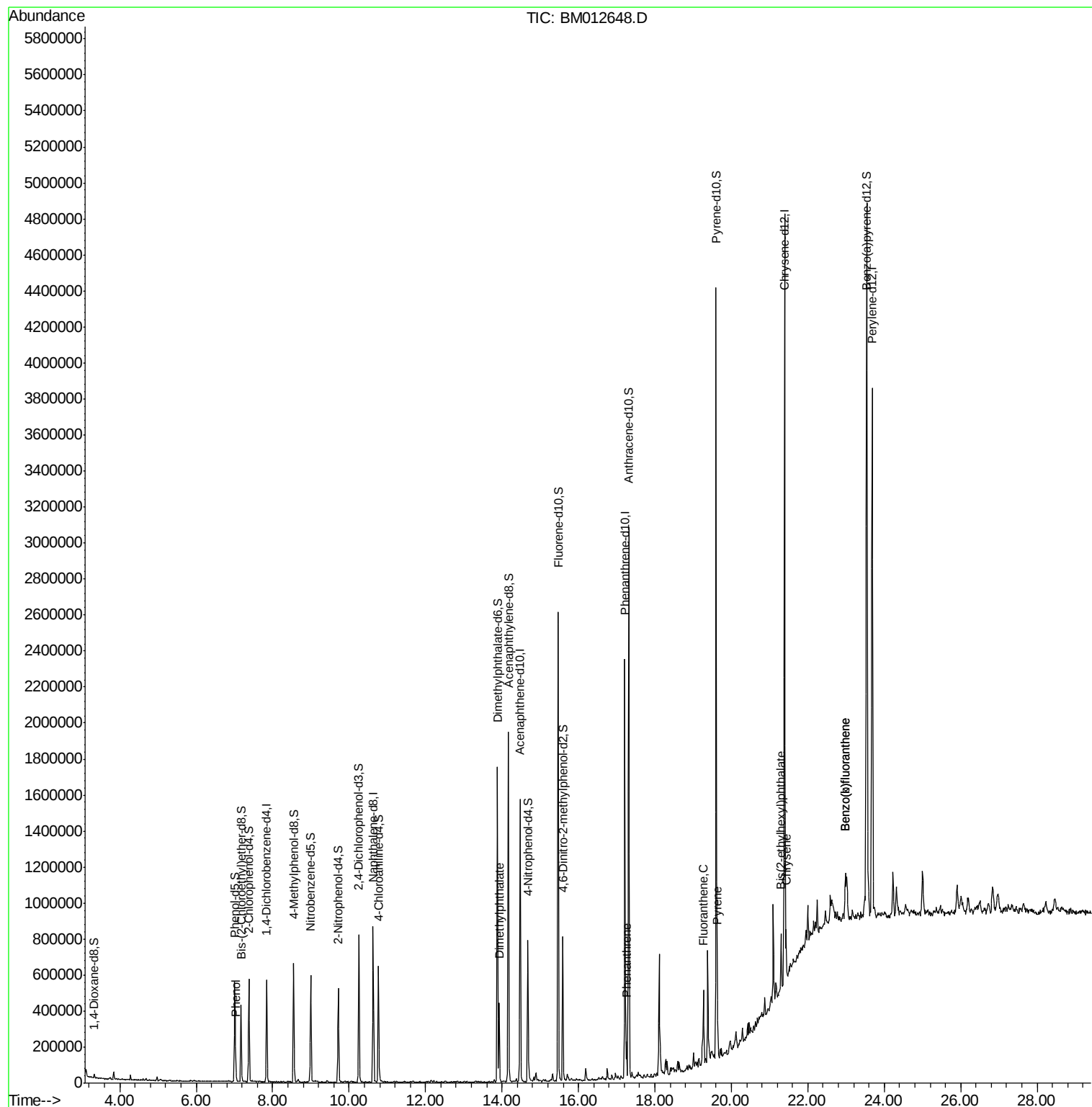
						Ovalue
6) Phenol	7.04	94	24484	1.79	ng/ul#	86
44) Dimethylphthalate	13.93	163	265323	6.06	ng/ul	100
69) Phenanthrene	17.26	178	120834	1.66	ng/ul	96
74) Fluoranthene	19.27	202	194355	2.36	ng/ul#	93
77) Pyrene	19.63	202	218717	2.03	ng/ul#	95
81) Bis(2-ethylhexyl)phthalate	21.30	149	104473	1.62	ng/ul	99
82) Chrysene	21.43	228	142853	1.42	ng/ul	97
85) Benzo(b)fluoranthene	23.00	252	183394	1.29	ng/ul#	95
86) Benzo(k)fluoranthene	23.00	252	183394	1.37	ng/ul#	93

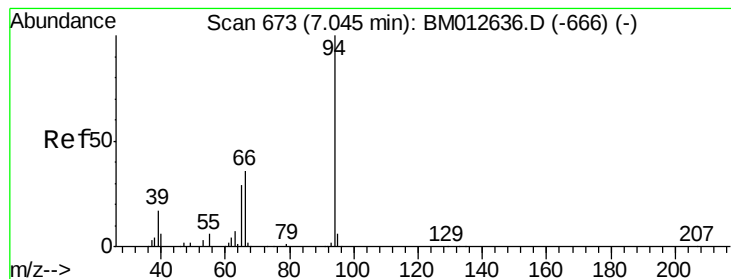
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.79 ng/ul

RT: 7.04 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM012648.D

Acq: 01 Nov 2017 22:01

Instrument :

BNA_M

ClientSampleId :

B0DR5

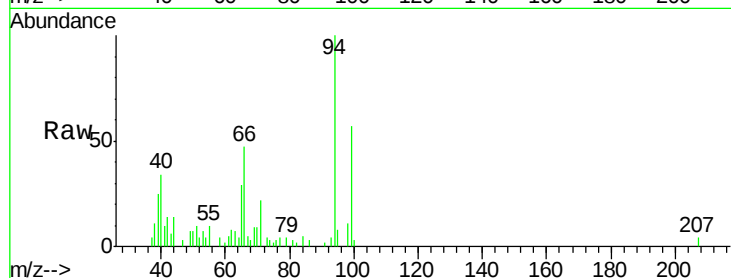
Tot Ion: 94 Resp: 24484

Ion Ratio Lower Upper

94 100

65 29.0 28.2 42.4

66 47.0 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012636.D (-666) (-)

Ion 65.00 (64.70 to 65.70): BM012636.D (-666) (-)

Ion 66.00 (65.70 to 66.70): BM012636.D (-666) (-)

Time-->

7.04

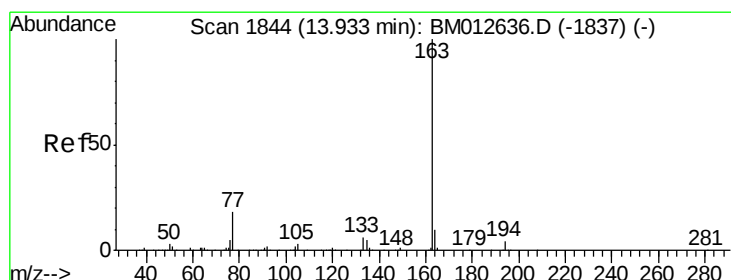
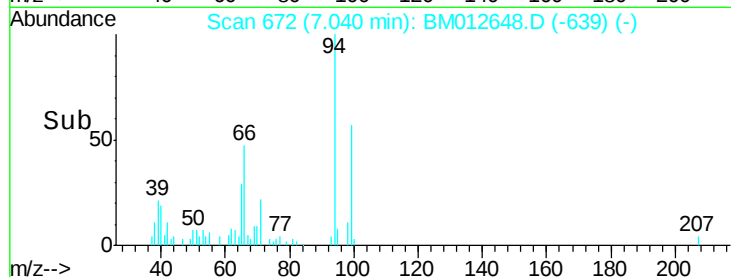
15000

10000

5000

0

7.00 7.05 7.10



#44

Dimethylphthalate

Concen: 6.06 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BM012648.D

Acq: 01 Nov 2017 22:01

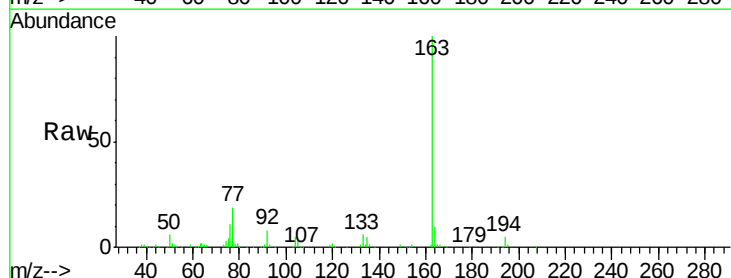
Tgt Ion: 163 Resp: 265323

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BM012636.D (-1837) (-)

Ion 194.00 (193.70 to 194.70): BM012636.D (-1837) (-)

Ion 164.00 (163.70 to 164.70): BM012636.D (-1837) (-)

Time-->

13.93

250000

200000

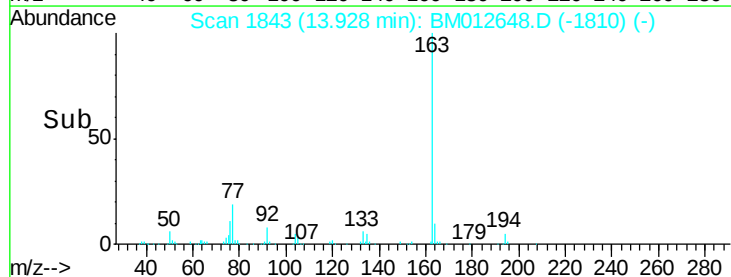
150000

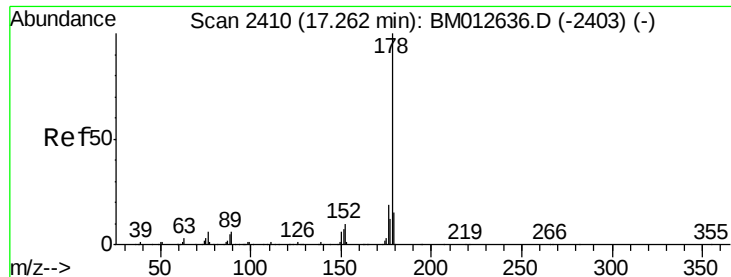
100000

50000

0

13.90 13.95





#69

Phenanthrene

Concen: 1.66 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM012648.D

Acq: 01 Nov 2017 22:01

Instrument :

BNA_M

ClientSampleId :

B0DR5

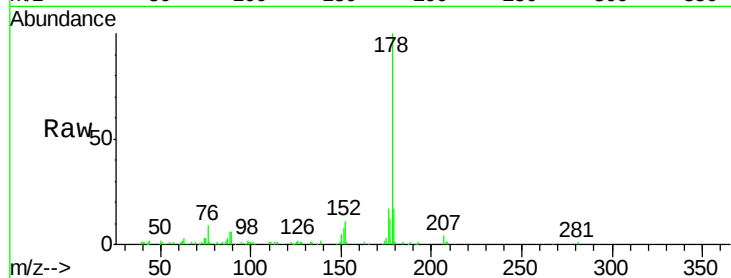
Tot Ion:178 Resp: 120834

Ion Ratio Lower Upper

178 100

179 17.3 12.6 19.0

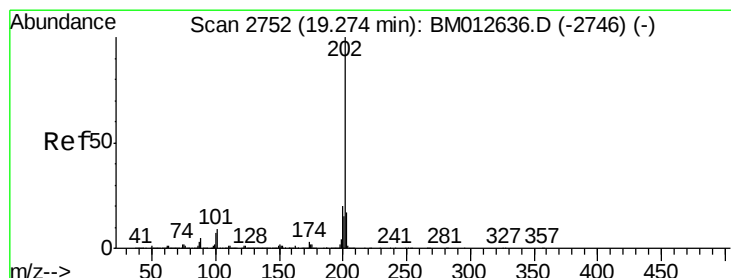
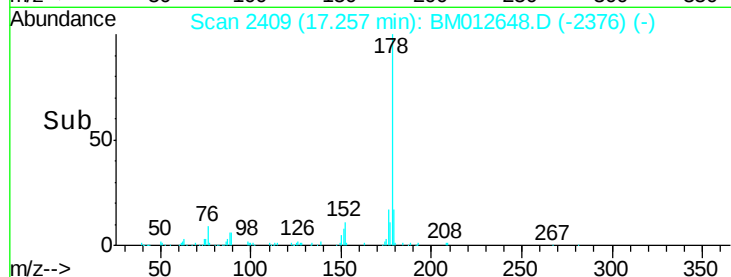
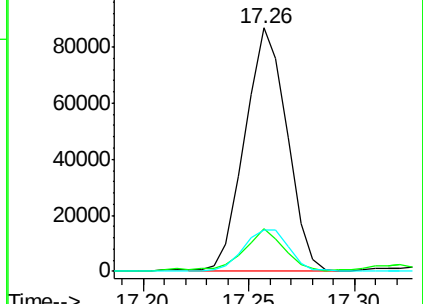
176 16.8 14.9 22.3



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: 2.36 ng/ul

RT: 19.27 min Scan# 2751

Delta R.T. -0.01 min

Lab File: BM012648.D

Acq: 01 Nov 2017 22:01

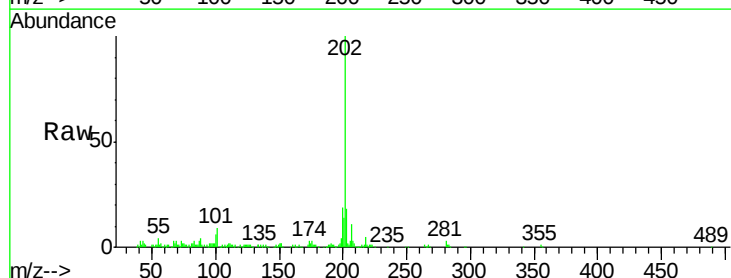
Tgt Ion:202 Resp: 194355

Ion Ratio Lower Upper

202 100

101 8.9 4.6 7.0#

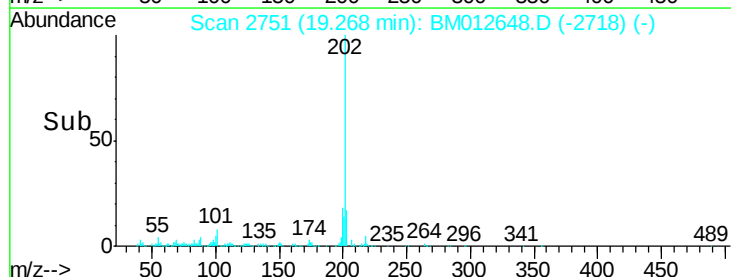
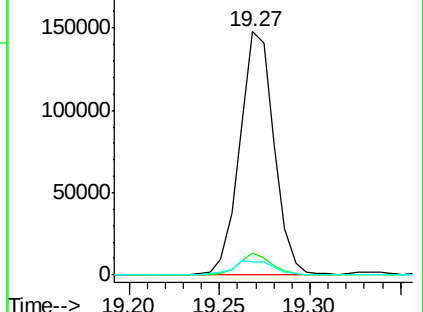
100 5.5 3.4 5.2#

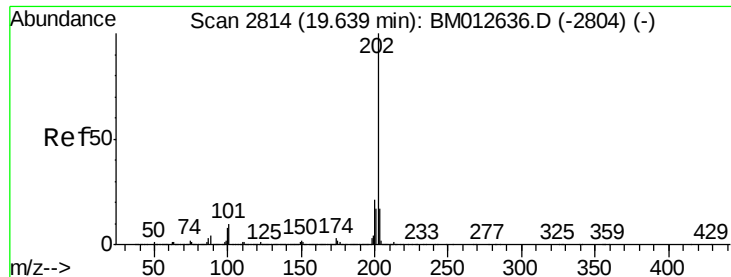


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

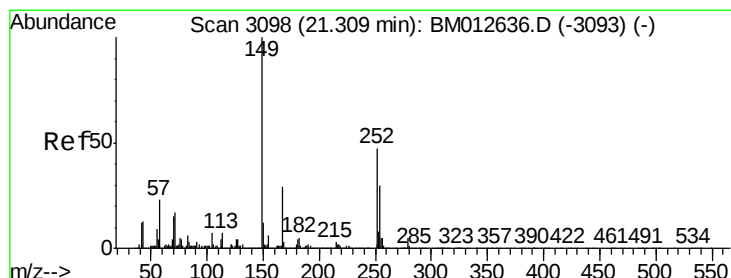
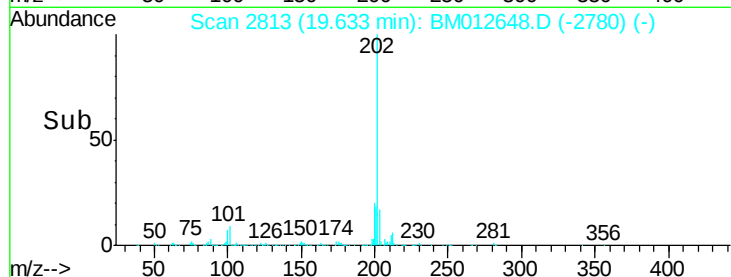
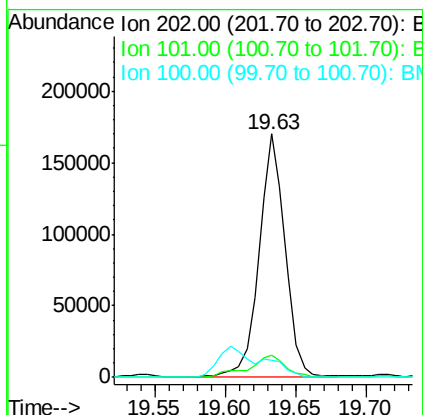
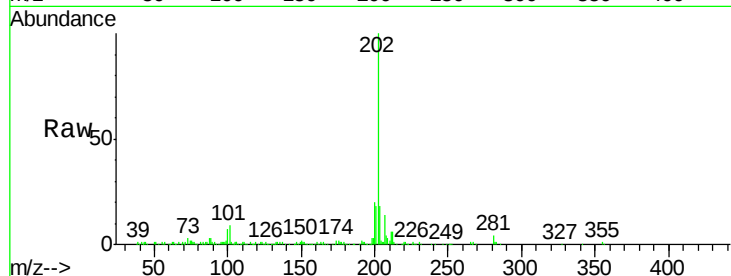




#77
Pvrene
Concen: 2.03 ng/ul
RT: 19.63 min Scan# 2813
Delta R.T. -0.01 min
Lab File: BM012648.D
Acq: 01 Nov 2017 22:01

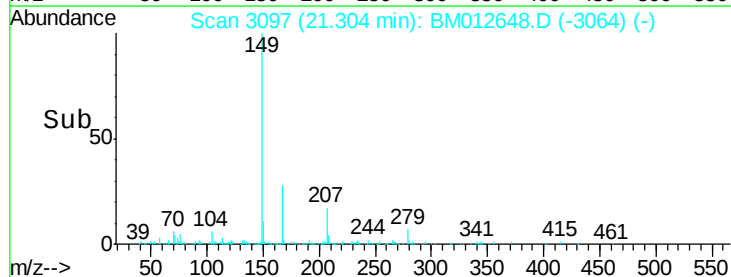
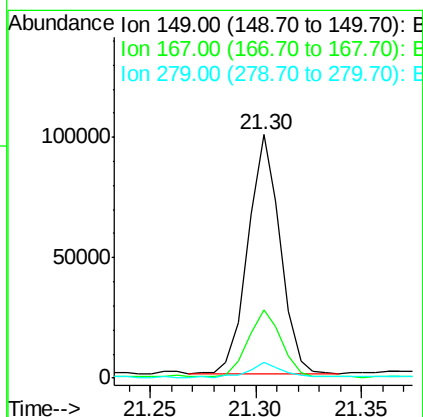
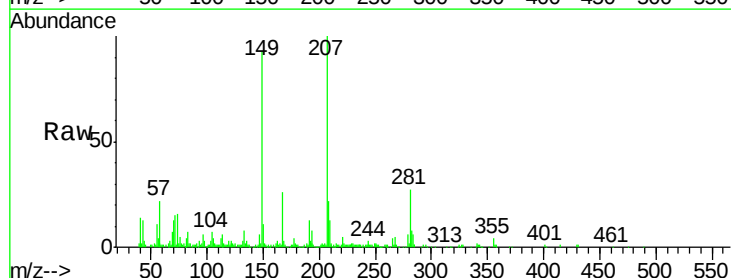
Instrument :
BNA_M
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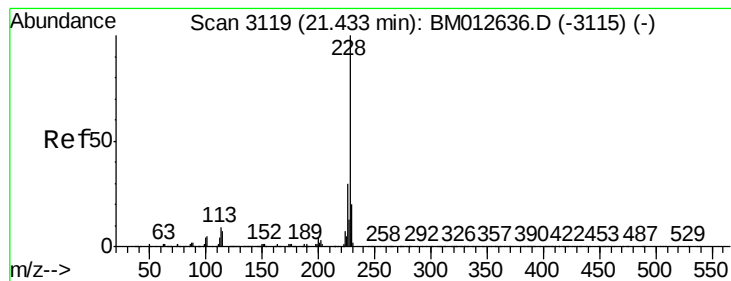
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.9	5.1	7.7#
100	7.2	4.9	7.3



#81
Bis(2-ethylhexyl)phthalate
Concen: 1.62 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM012648.D
Acq: 01 Nov 2017 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.8	34.2
279	6.5	4.9	7.3





#82

Chrysene

Concen: 1.42 ng/ul

RT: 21.43 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM012648.D

Acq: 01 Nov 2017 22:01

Instrument :

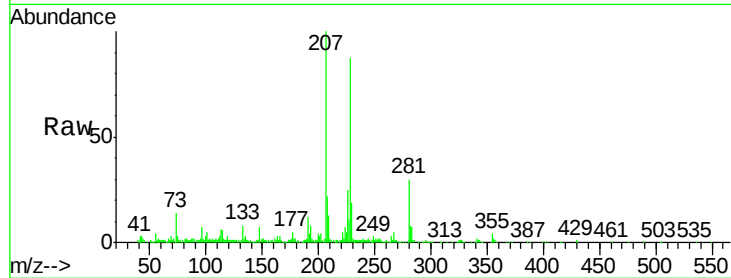
BNA_M

ClientSampleId :

B0DR5

Tot Ion:228 Resp: 142853

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	21.9	15.5	23.3

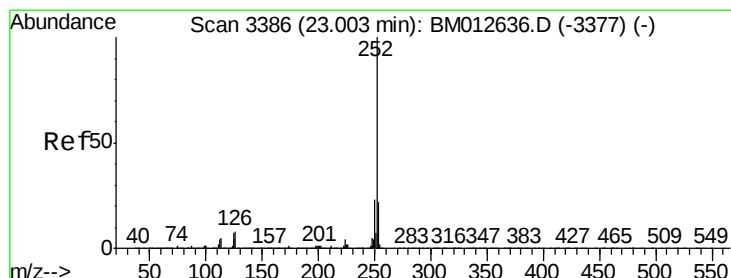
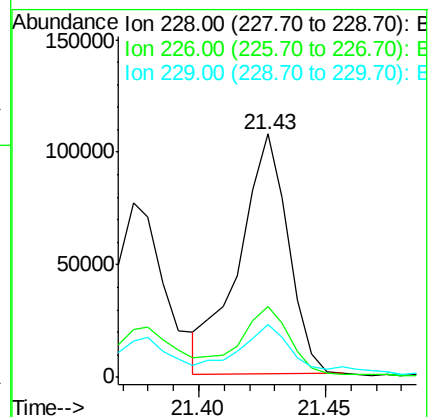
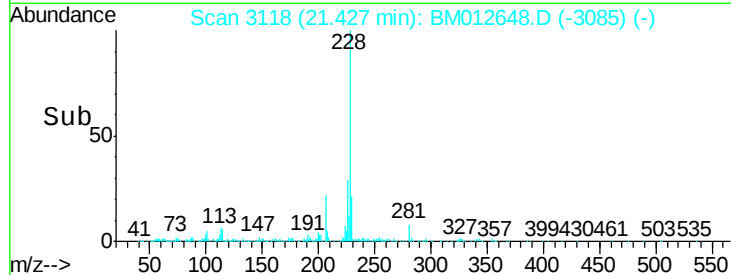


Abundance

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: 1.29 ng/ul

RT: 23.00 min Scan# 3385

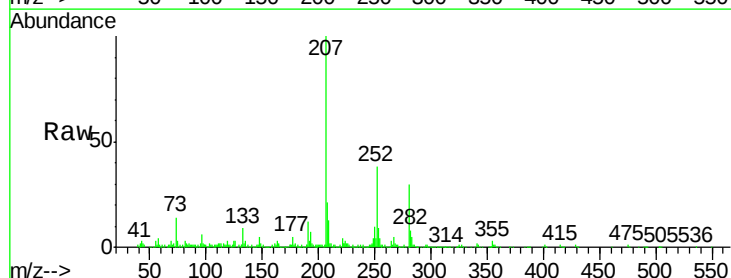
Delta R.T. -0.01 min

Lab File: BM012648.D

Acq: 01 Nov 2017 22:01

Tgt Ion:252 Resp: 183394

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	8.6	3.6	5.4

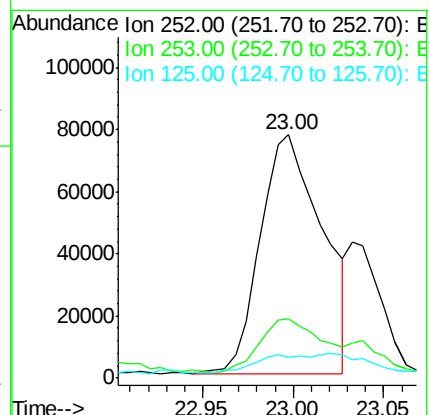
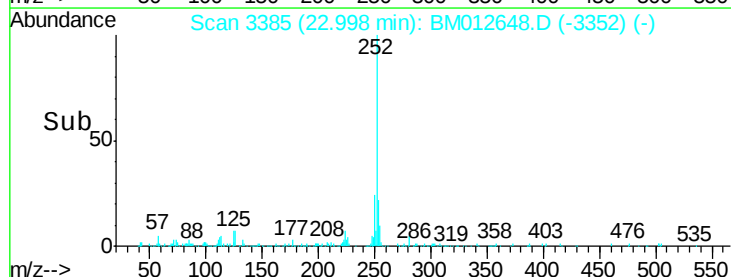


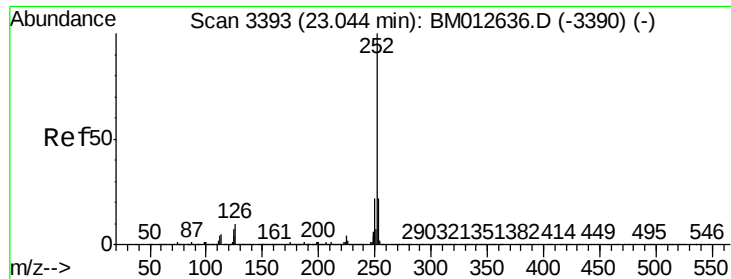
Abundance

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: 1.37 ng/ul

RT: 23.00 min Scan# 3385

Delta R.T. -0.05 min

Lab File: BM012648.D

Acq: 01 Nov 2017 22:01

Instrument :

BNA_M

ClientSampleId :

B0DR5

Tot Ion:252 Resp: 183394

Ion Ratio Lower Upper

252 100

253 24.1 17.1 25.7

125 8.6 3.4 5.2#

