

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102418\
 Data File : BM017324.D
 Acq On : 24 Oct 2018 19:16
 Operator : MJ/SJ
 Sample : J5598-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 25 01:27:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 25 01:24:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	277671	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1247683	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	755432	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1797756	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2231690	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2493036	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	24033	3.98	ng/uL	0.00
5) Phenol-d5	6.84	99	544979	21.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	329948	22.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	440076	22.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	446530	22.27	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	219545	22.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	248380	22.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	440692	21.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	571137	34.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1537934	23.74	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1838317	23.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	228763	18.90	ng/ul	0.00
58) Fluorene-d10	15.30	176	1325708	23.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	233651	18.65	ng/ul	0.00
71) Anthracene-d10	17.14	188	2152760	24.19	ng/ul	0.00
79) Pyrene-d10	19.45	212	2593309	25.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	3289785	24.99	ng/ul	0.00

Target Compounds

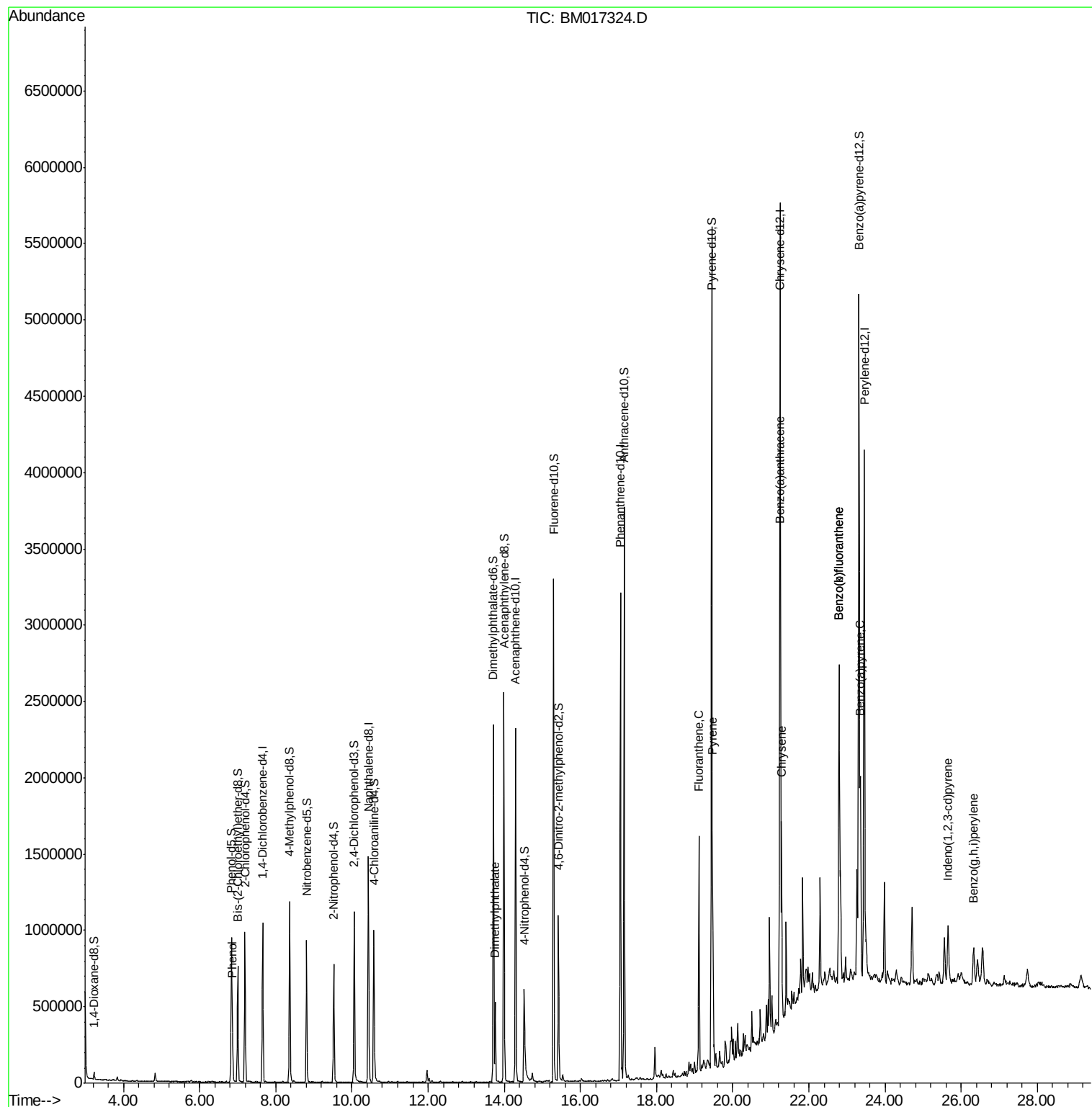
					Ovalue
6) Phenol	6.86	94	148736	5.906	ng/ul 99
45) Dimethylphthalate	13.76	163	321528	5.123	ng/ul 100
77) Fluoranthene	19.11	202	902306	7.625	ng/ul 98
80) Pyrene	19.47	202	973452	7.512	ng/ul 98
83) Benzo(a)anthracene	21.23	228	680079	4.980	ng/ul 97
85) Chrysene	21.28	228	745956	5.744	ng/ul 98
88) Benzo(b)fluoranthene	22.80	252	1175328	8.054	ng/ul# 98
89) Benzo(k)fluoranthene	22.80	252	1175328	8.245	ng/ul 98
91) Benzo(a)pyrene	23.36	252	537110	3.767	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.65	276	364443	2.101	ng/ul 96
94) Benzo(g,h,i)perylene	26.33	276	279454	1.896	ng/ul 98

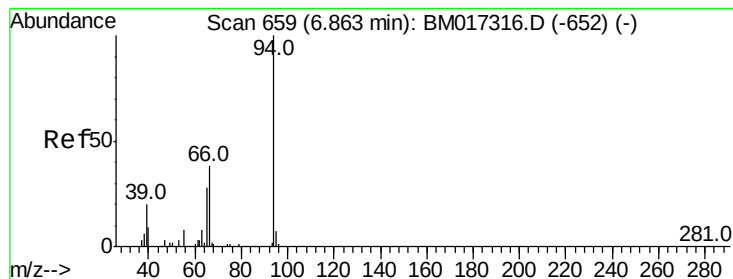
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 5.906 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM017324.D

Acq: 24 Oct 2018 19:16

Instrument :

BNA_M

ClientSampleId :

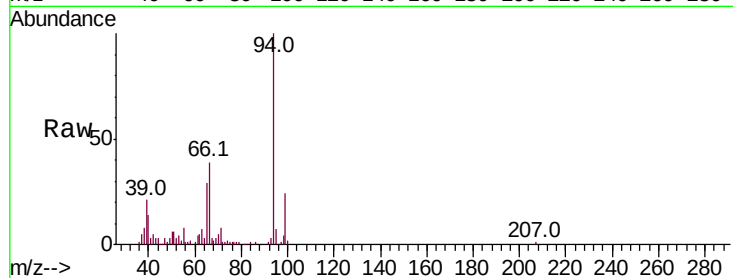
Tot Ion: 94 Resp: 148736

Ion Ratio Lower Upper

94 100

65 28.8 24.0 36.0

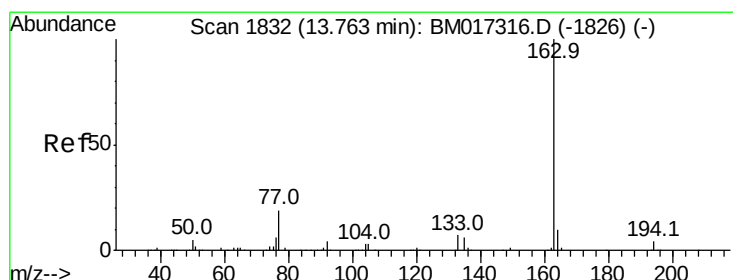
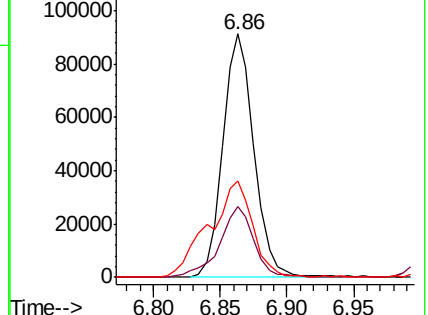
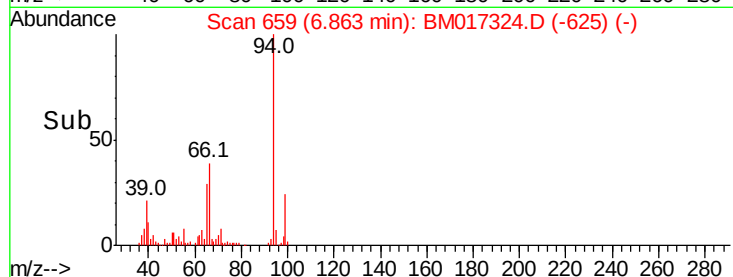
66 39.4 31.1 46.7



Abundance Ion 94.00 (93.70 to 94.70): BM017316.D (-652) (-)

Ion 65.00 (64.70 to 65.70): BM017316.D (-652) (-)

Ion 66.00 (65.70 to 66.70): BM017316.D (-652) (-)



#45

Dimethylphthalate

Concen: 5.123 ng/ul

RT: 13.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BM017324.D

Acq: 24 Oct 2018 19:16

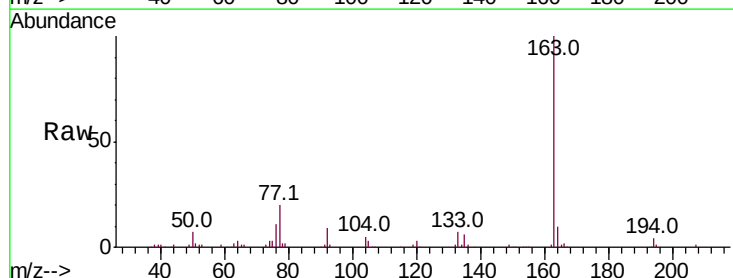
Tgt Ion: 163 Resp: 321528

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

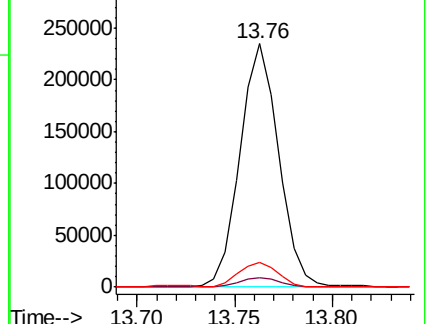
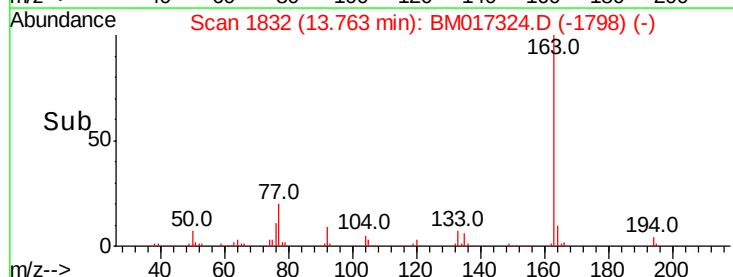
164 9.9 8.1 12.1

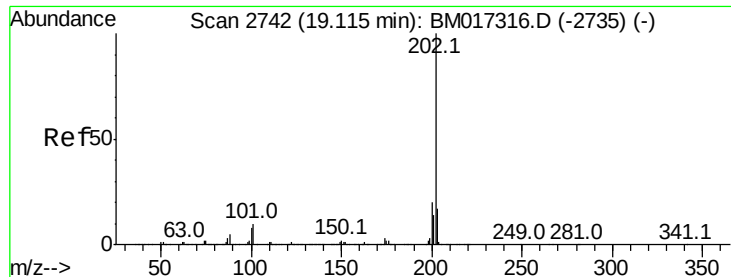


Abundance Ion 163.00 (162.70 to 163.70): BM017316.D (-1826) (-)

Ion 194.00 (193.70 to 194.70): BM017316.D (-1826) (-)

Ion 164.00 (163.70 to 164.70): BM017316.D (-1826) (-)

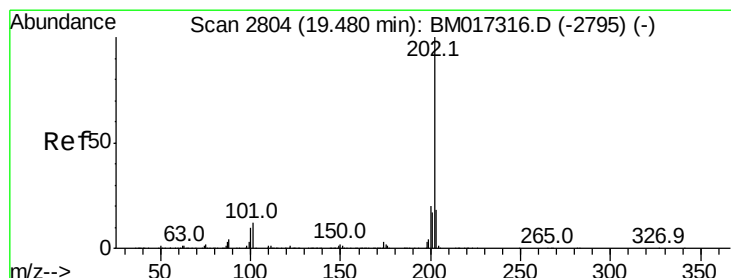
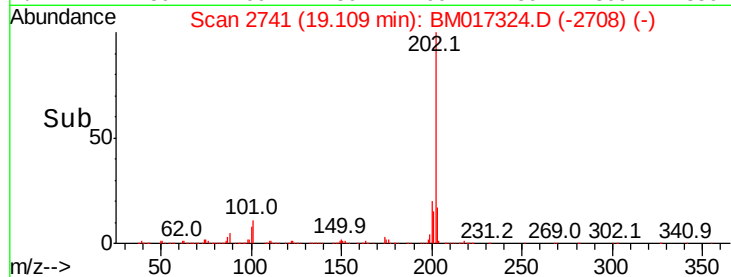
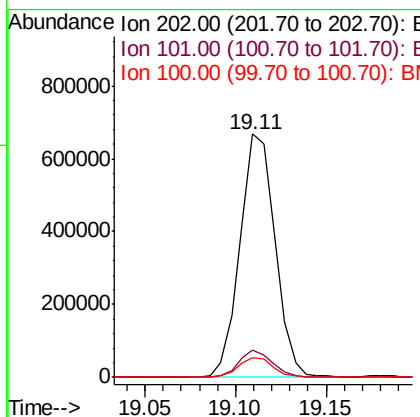
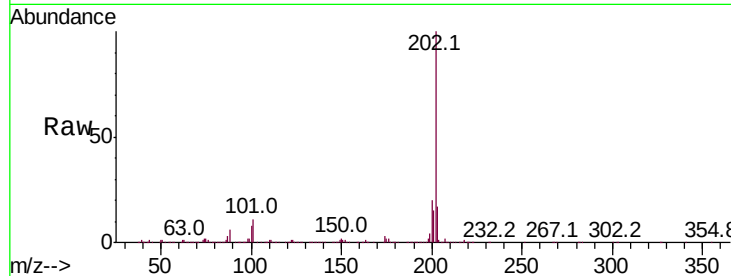




#77
 Fluoranthene
 Concen: 7.625 ng/ul
 RT: 19.11 min Scan# 2741
 Delta R.T. -0.01 min
 Lab File: BM017324.D
 Acq: 24 Oct 2018 19:16

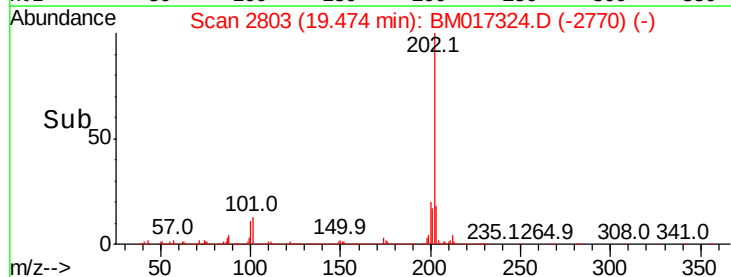
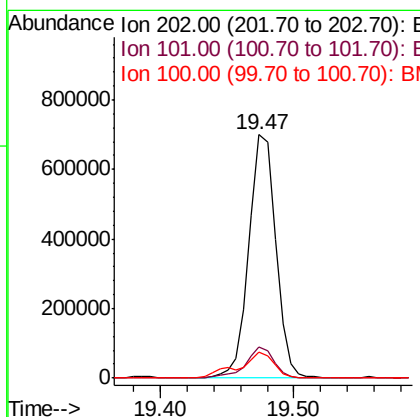
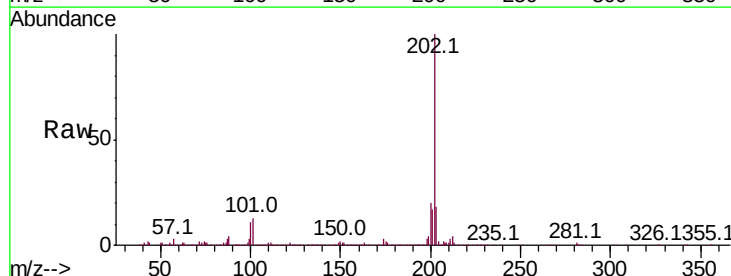
Instrument :
 BNA_M
 ClientSampleId :

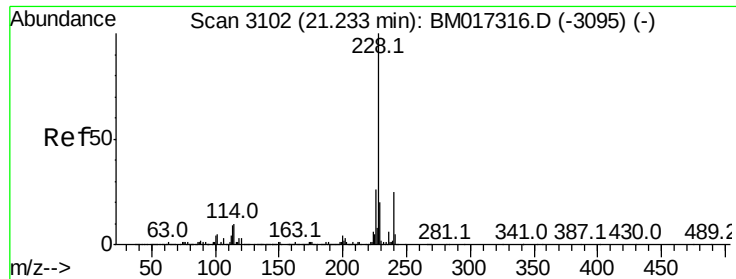
Tot Ion	Ratio	Resp	Lower	Upper
202	100	902306		
101	11.4		8.2	12.4
100	8.2		6.3	9.5



#80
 Pyrene
 Concen: 7.512 ng/ul
 RT: 19.47 min Scan# 2803
 Delta R.T. -0.01 min
 Lab File: BM017324.D
 Acq: 24 Oct 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	973452		
101	12.8		9.5	14.3
100	10.5		8.1	12.1

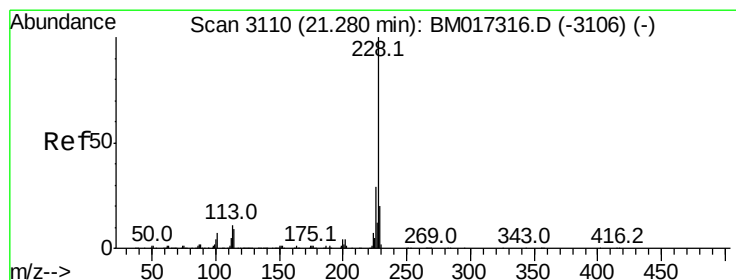
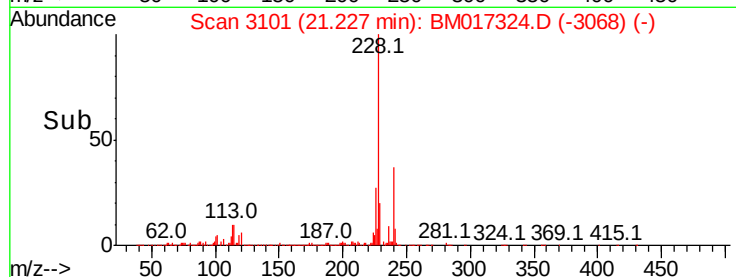
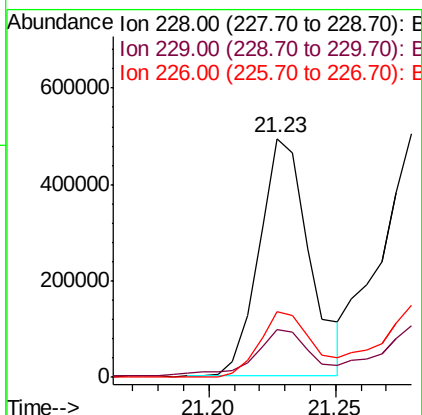
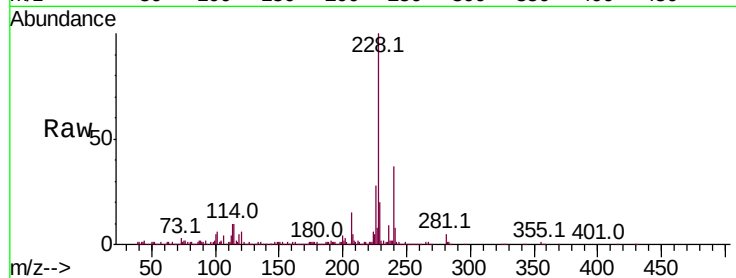




#83
Benzo(a)anthracene
Concen: 4.980 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM017324.D
Acq: 24 Oct 2018 19:16

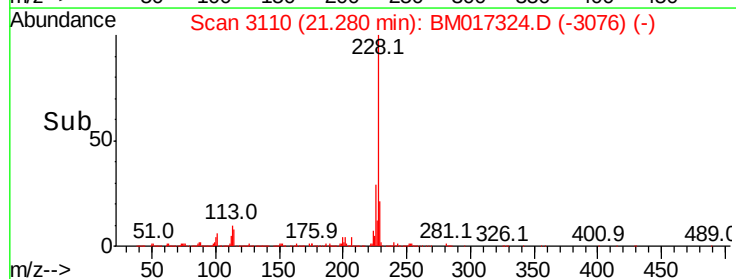
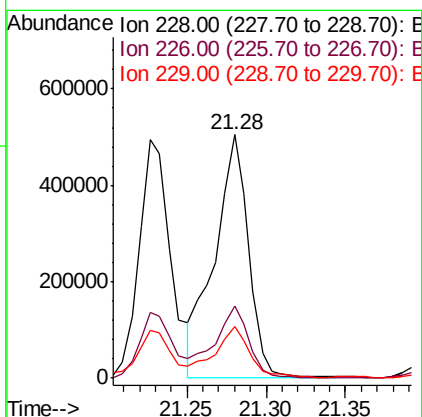
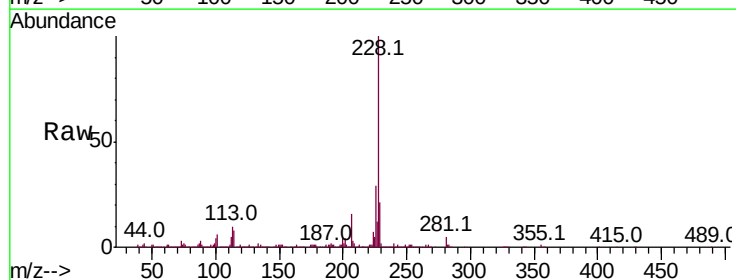
Instrument :
BNA_M
ClientSampleId :

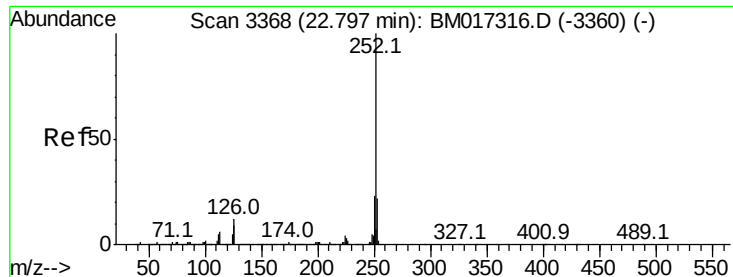
Tot Ion:228 Resp: 680079
Ion Ratio Lower Upper
228 100
229 20.2 15.6 23.4
226 27.7 20.8 31.2



#85
Chrysene
Concen: 5.744 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BM017324.D
Acq: 24 Oct 2018 19:16

Tgt Ion:228 Resp: 745956
Ion Ratio Lower Upper
228 100
226 29.4 23.3 34.9
229 21.4 15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 8.054 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BM017324.D

Acq: 24 Oct 2018 19:16

Instrument :

BNA_M

ClientSampleId :

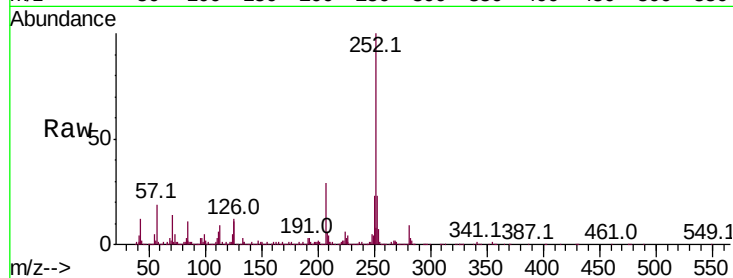
Tot Ion:252 Resp: 1175328

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

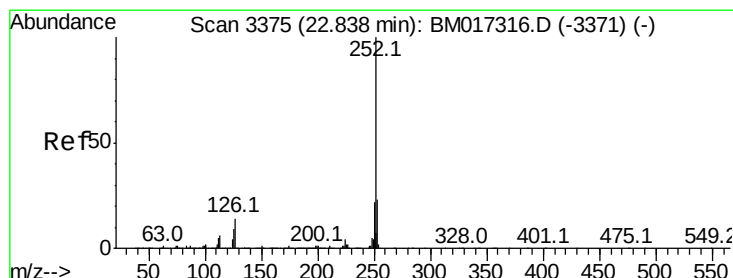
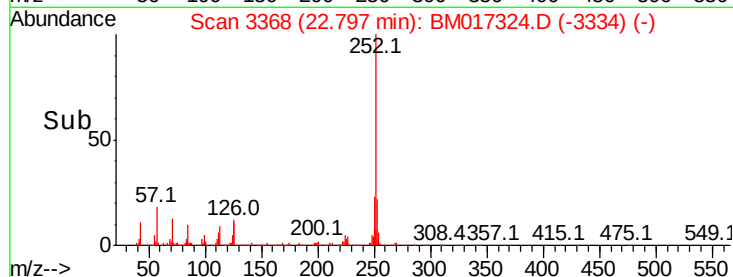
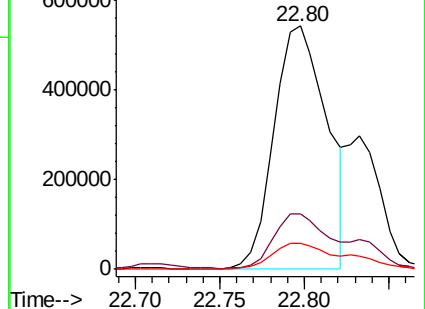
125 10.9 7.2 10.8#



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



#89

Benzo(k)fluoranthene

Concen: 8.245 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. -0.04 min

Lab File: BM017324.D

Acq: 24 Oct 2018 19:16

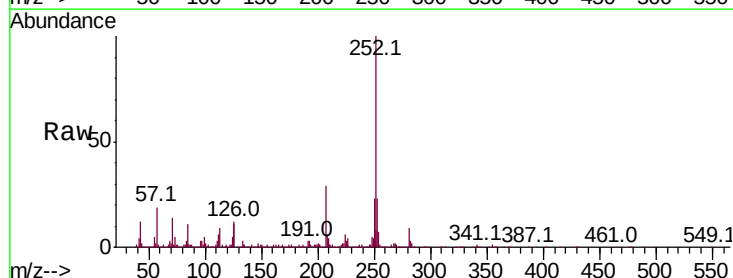
Tgt Ion:252 Resp: 1175328

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

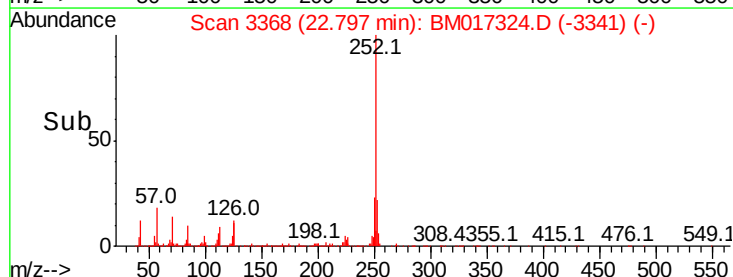
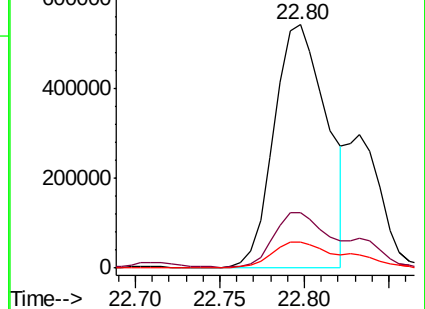
125 10.9 7.8 11.6

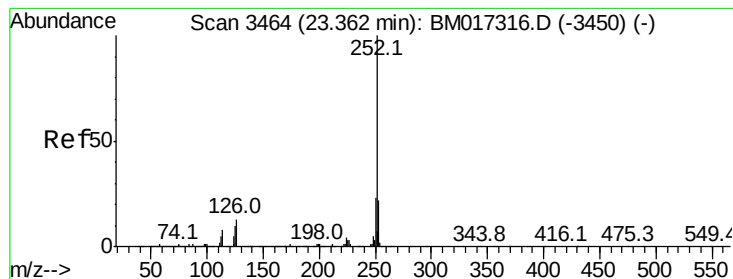


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.767 ng/ul

RT: 23.36 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM017324.D

Acq: 24 Oct 2018 19:16

Instrument :

BNA_M

ClientSampleId :

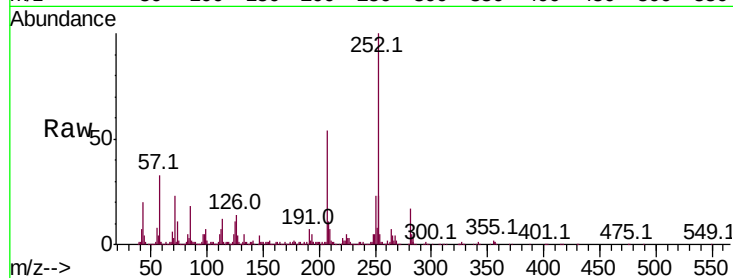
Tot Ion:252 Resp: 537110

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

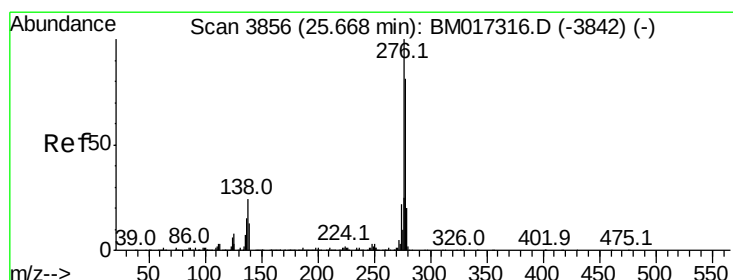
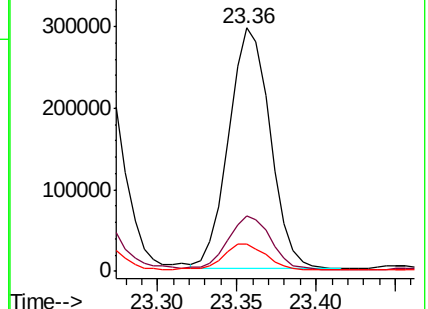
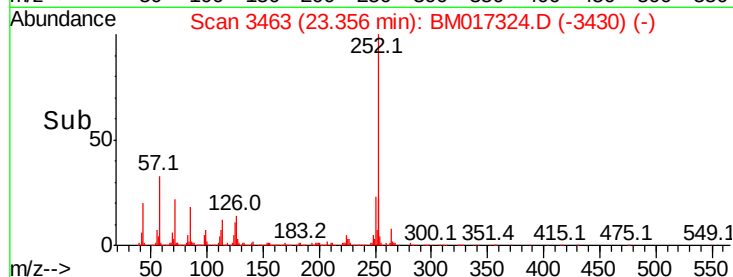
125 11.2 8.3 12.5



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.101 ng/ul

RT: 25.65 min Scan# 3853

Delta R.T. -0.02 min

Lab File: BM017324.D

Acq: 24 Oct 2018 19:16

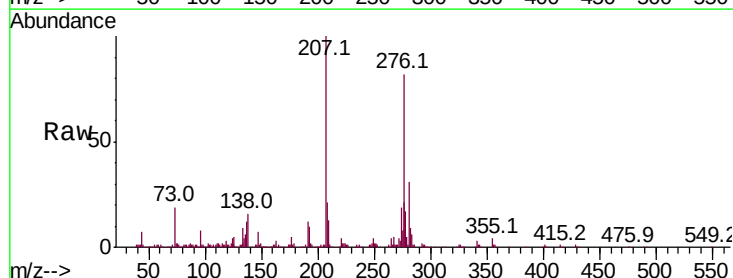
Tgt Ion:276 Resp: 364443

Ion Ratio Lower Upper

276 100

138 19.5 18.1 27.1

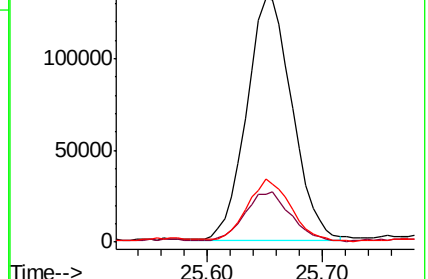
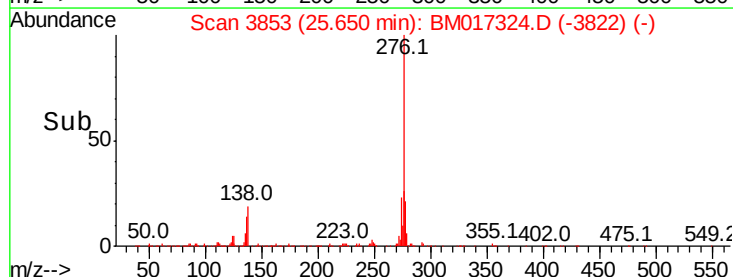
277 25.7 19.6 29.4

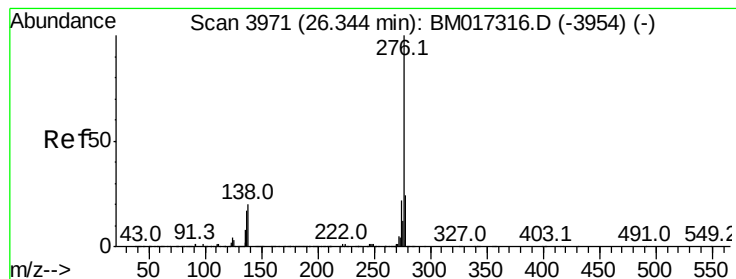


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.896 ng/ul

RT: 26.33 min Scan# 3968

Delta R.T. -0.02 min

Lab File: BM017324.D

Acq: 24 Oct 2018 19:16

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 276 Resp: 279454

Ion Ratio Lower Upper

276 100

138 21.8 16.6 25.0

277 24.7 18.9 28.3

