

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
 Data File : BM023704.D
 Acq On : 13 Nov 2019 19:31
 Operator : JU
 Sample : K5678-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 14 00:28:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 13:51:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	461111	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2110728	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1437295	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	2994168	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2128623	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2180588	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	26373	2.36	ng/uL	0.00
5) Phenol-d5	6.73	99	744220	17.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	421720	17.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	580526	19.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	589711	17.59	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	302383	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	347428	21.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	698824	19.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	311618	7.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2209222	19.71	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2596568	20.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	161257	8.43	ng/ul	0.00
58) Fluorene-d10	15.19	176	1969170	19.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	201040	11.61	ng/ul	0.00
71) Anthracene-d10	17.04	188	2910028	20.49	ng/ul	0.00
79) Pyrene-d10	19.34	212	2840775	25.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2318424	20.20	ng/ul	0.00

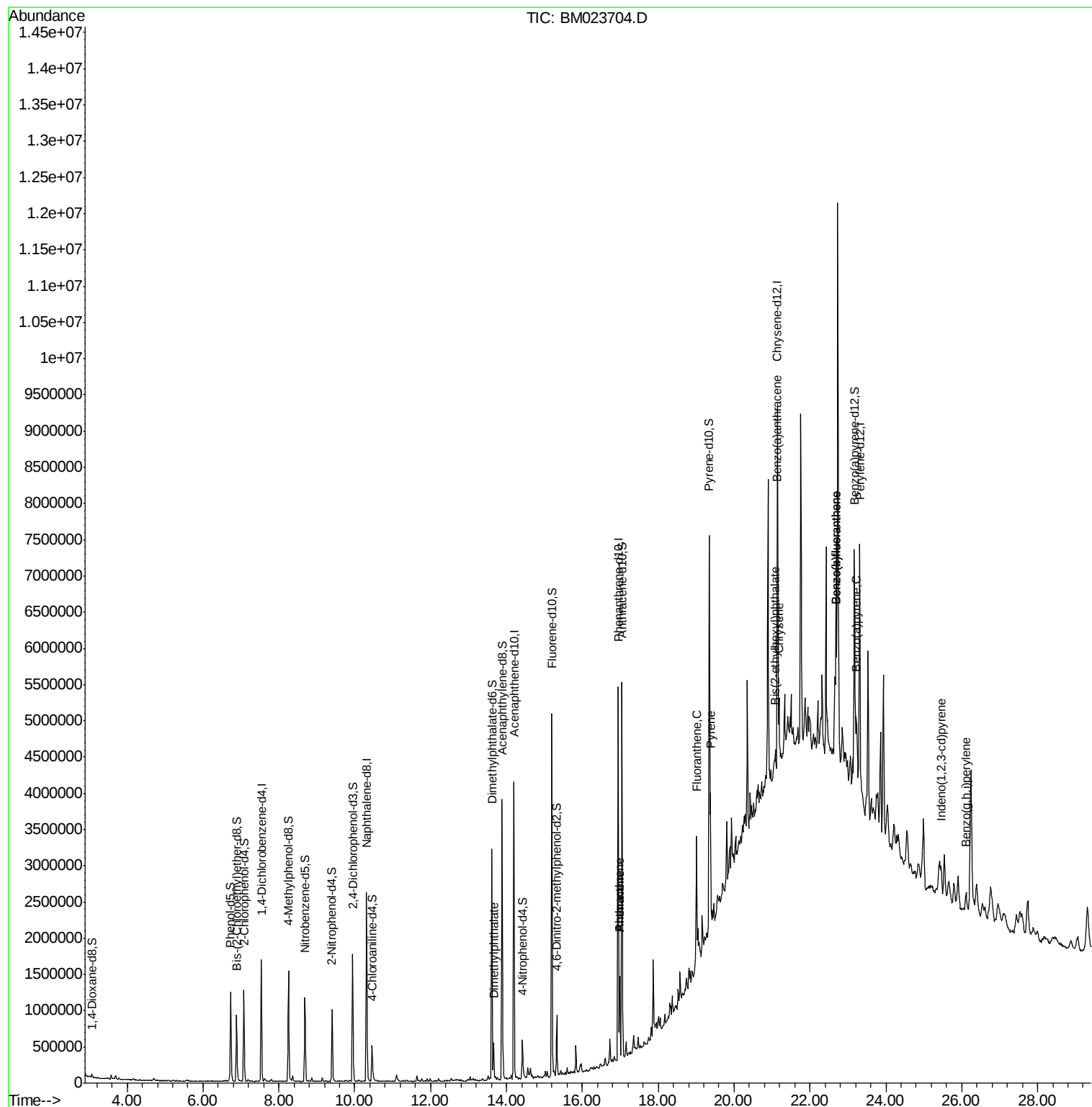
Target Compounds				Ovalue		
45) Dimethylphthalate	13.66	163	292317	2.661	ng/ul	99
70) Phenanthrene	16.99	178	674141	4.088	ng/ul	100
72) Anthracene	16.99	178	674311	4.066	ng/ul	99
77) Fluoranthene	19.01	202	1089575	6.166	ng/ul	98
80) Pyrene	19.37	202	1088292	7.910	ng/ul	99
83) Benzo(a)anthracene	21.13	228	323592	2.305	ng/ul#	88
84) Bis(2-ethylhexyl)phthalate	21.09	149	110554	1.680	ng/ul#	99
85) Chrysene	21.18	228	482932	3.654	ng/ul#	96
88) Benzo(b)fluoranthene	22.67	252	593562	4.270	ng/ul#	80
89) Benzo(k)fluoranthene	22.67	252	593562	4.432	ng/ul#	78
91) Benzo(a)pyrene	23.22	252	400101	3.144	ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	25.46	276	315441	2.318	ng/ul	99
94) Benzo(g,h,i)perylene	26.11	276	323417	2.933	ng/ul	97

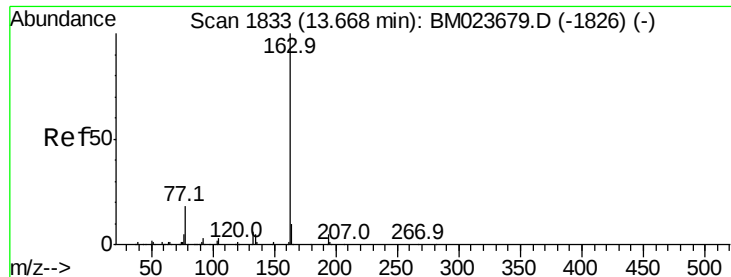
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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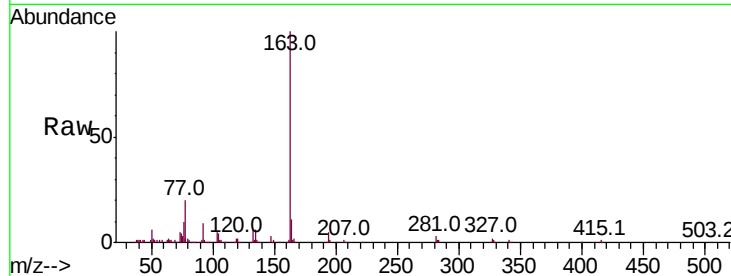




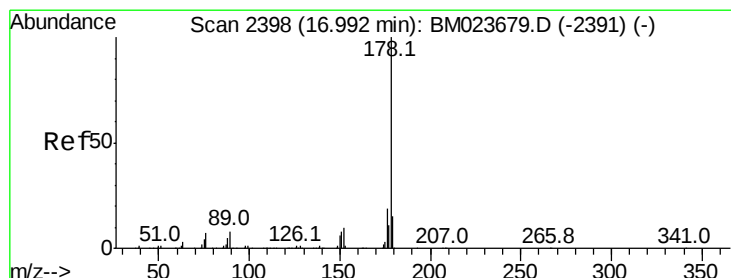
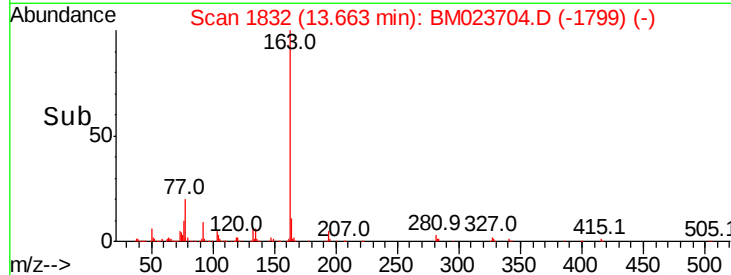
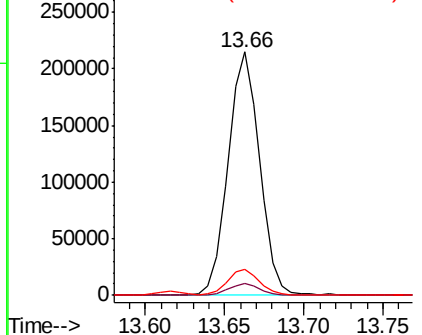
#45
Dimethylphthalate
Concen: 2.661 ng/ul
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM023704.D
Acq: 13 Nov 2019 19:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.5	8.0	12.0

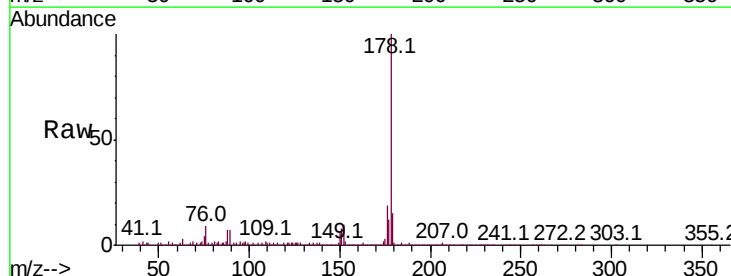


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

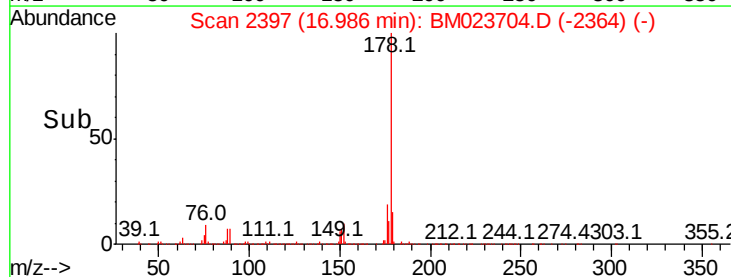
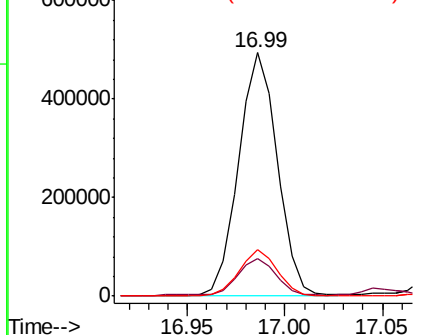


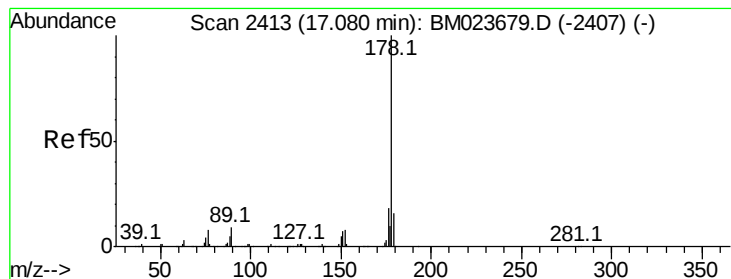
#70
Phenanthrene
Concen: 4.088 ng/ul
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM023704.D
Acq: 13 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.9	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





#72

Anthracene

Concen: 4.066 ng/ul

RT: 16.99 min Scan# 2397

Delta R.T. -0.09 min

Lab File: BM023704.D

Acq: 13 Nov 2019 19:31

Instrument :

BNA_M

ClientSampleId :

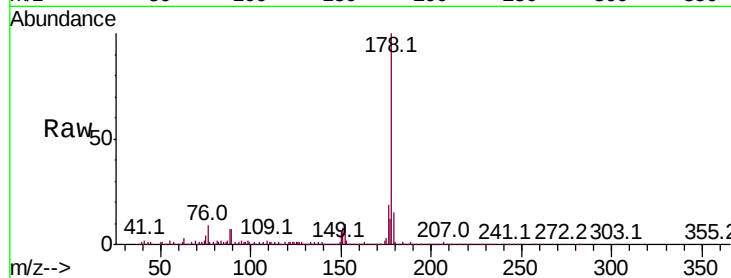
Tot Ion:178 Resp: 674311

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

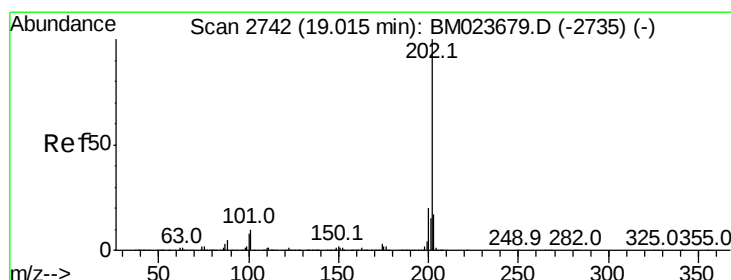
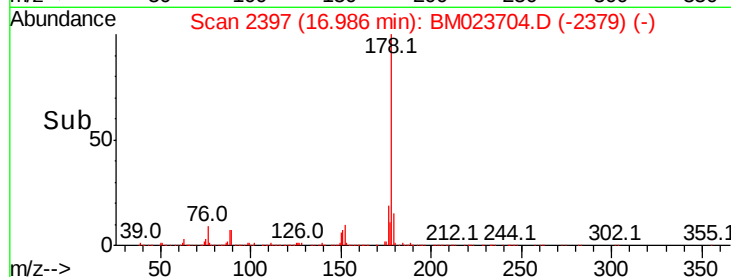
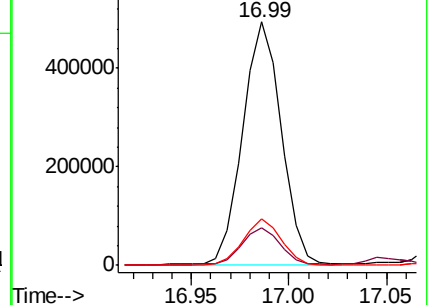
176 18.9 14.7 22.1



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



#77

Fluoranthene

Concen: 6.166 ng/ul

RT: 19.01 min Scan# 2741

Delta R.T. -0.01 min

Lab File: BM023704.D

Acq: 13 Nov 2019 19:31

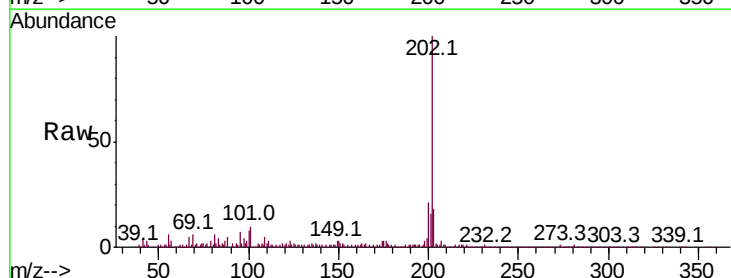
Tgt Ion:202 Resp: 1089575

Ion Ratio Lower Upper

202 100

101 10.2 7.7 11.5

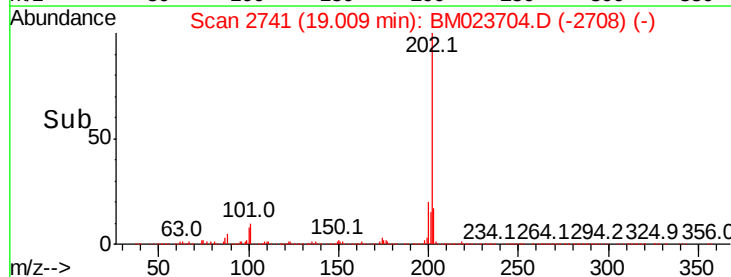
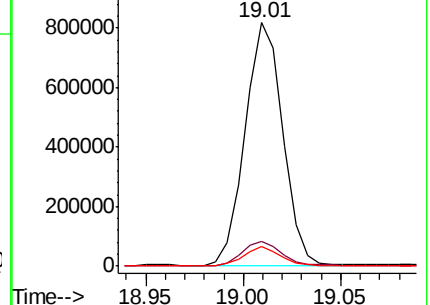
100 8.0 6.0 9.0

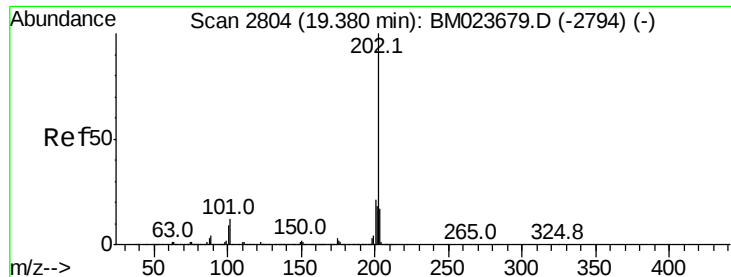


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

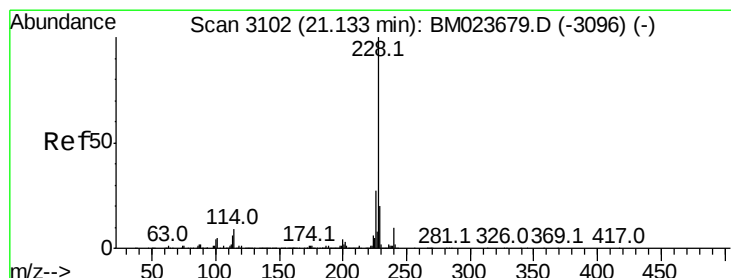
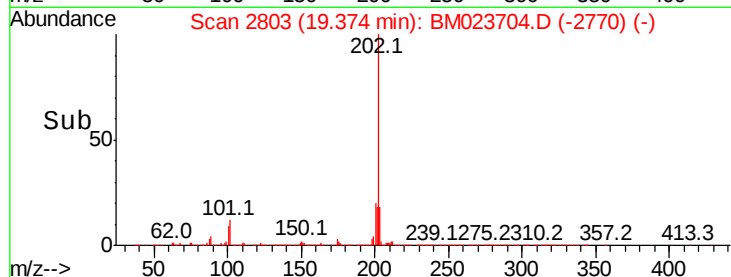
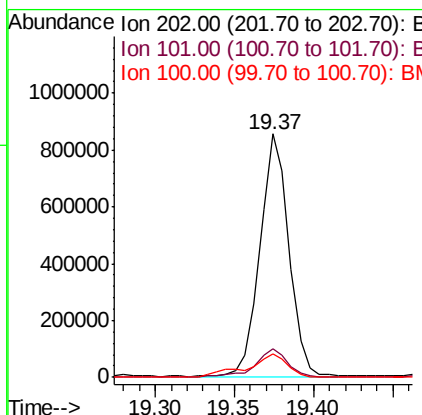
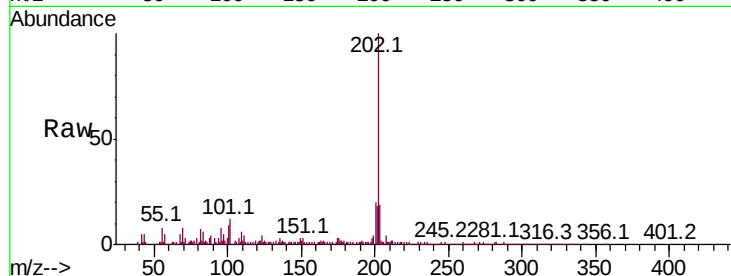




#80
Pvrene
Concen: 7.910 ng/ul
RT: 19.37 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM023704.D
Acq: 13 Nov 2019 19:31

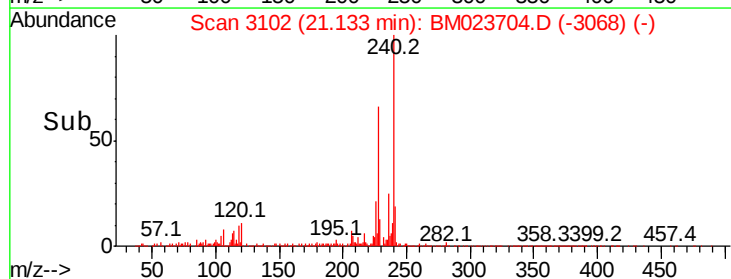
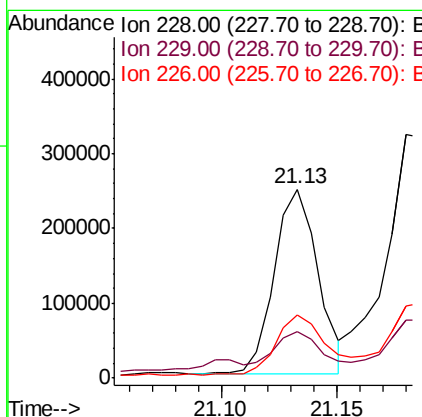
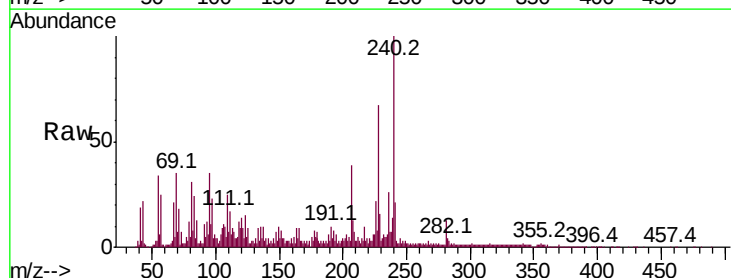
Instrument :
BNA_M
ClientSampleId :

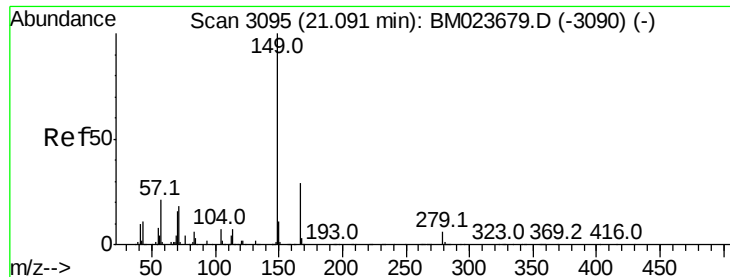
Tot Ion:202 Resp: 1088292
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
100 9.4 8.1 12.1



#83
Benzo(a)anthracene
Concen: 2.305 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM023704.D
Acq: 13 Nov 2019 19:31

Tgt Ion:228 Resp: 323592
Ion Ratio Lower Upper
228 100
229 24.4 15.6 23.4#
226 33.3 21.4 32.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.680 ng/ul

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM023704.D

Acq: 13 Nov 2019 19:31

Instrument :

BNA_M

ClientSampleId :

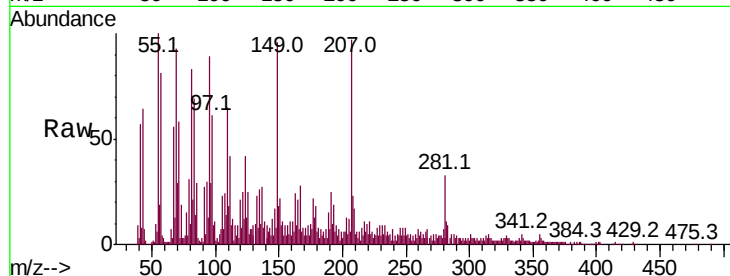
Tot Ion:149 Resp: 110554

Ion Ratio Lower Upper

149 100

167 29.6 23.4 35.2

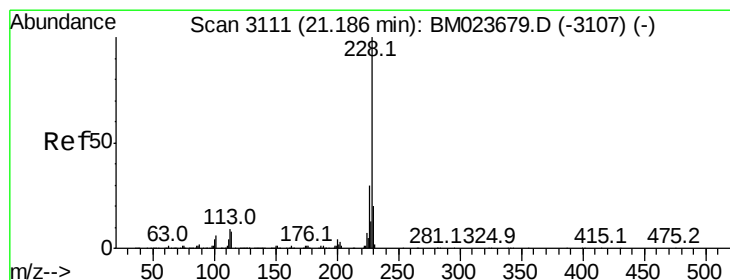
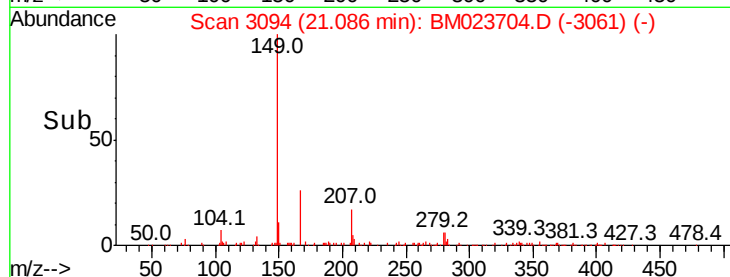
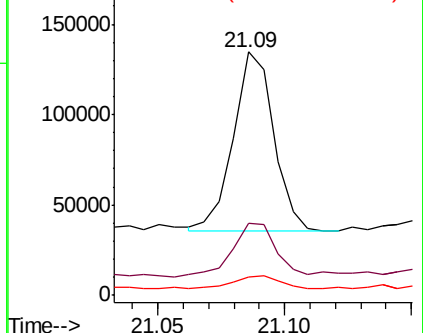
279 7.6 5.0 7.4#



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



#85

Chrysene

Concen: 3.654 ng/ul

RT: 21.18 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM023704.D

Acq: 13 Nov 2019 19:31

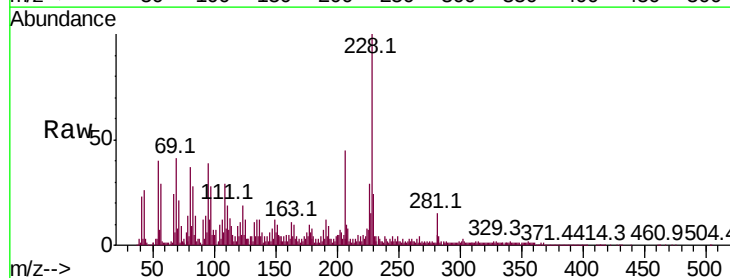
Tgt Ion:228 Resp: 482932

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

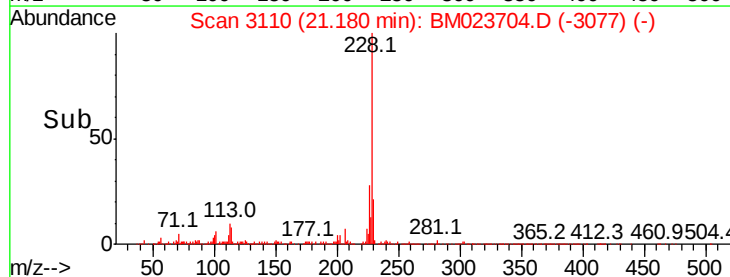
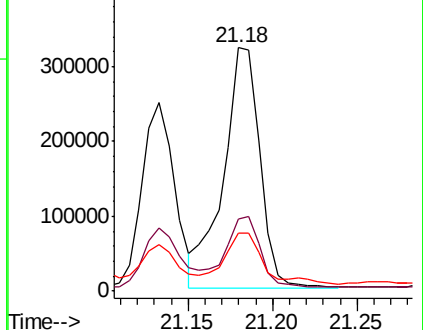
229 24.0 15.8 23.6#

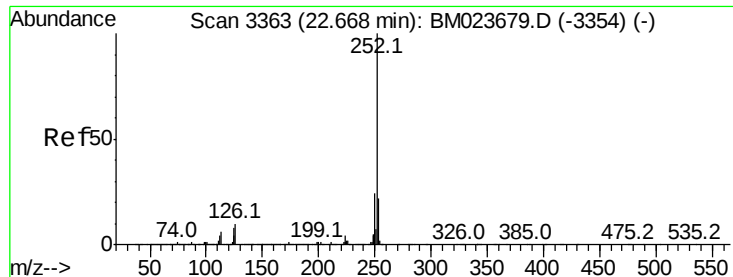


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.270 ng/ul

RT: 22.67 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BM023704.D

Acq: 13 Nov 2019 19:31

Instrument :

BNA_M

ClientSampleId :

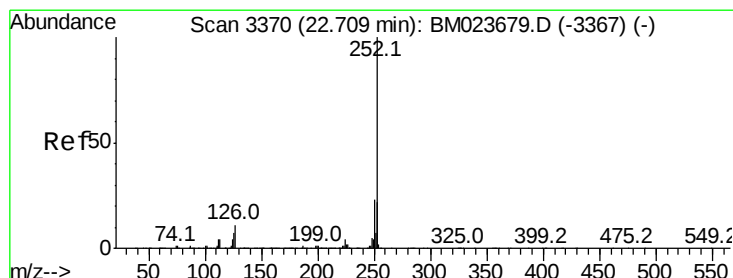
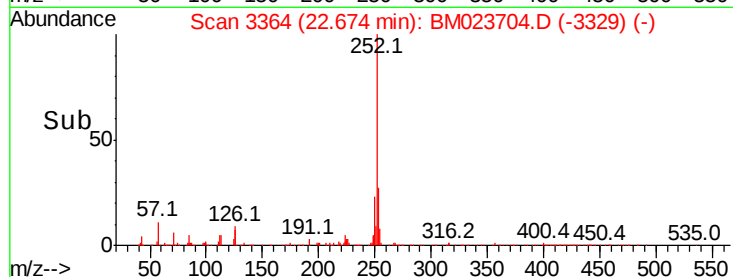
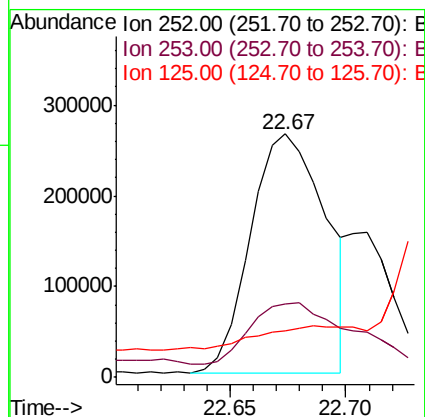
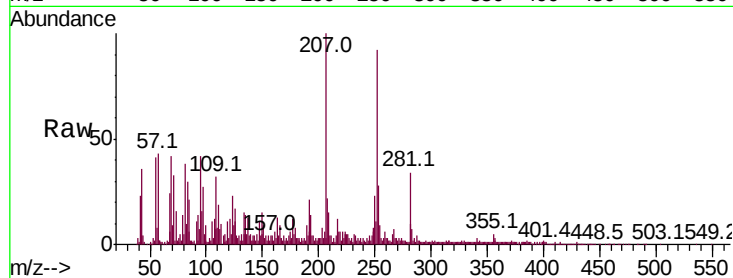
Tot Ion:252 Resp: 593562

Ion Ratio Lower Upper

252 100

253 30.1 17.8 26.8#

125 18.9 6.5 9.7#



#89

Benzo(k)fluoranthene

Concen: 4.432 ng/ul

RT: 22.67 min Scan# 3364

Delta R.T. -0.04 min

Lab File: BM023704.D

Acq: 13 Nov 2019 19:31

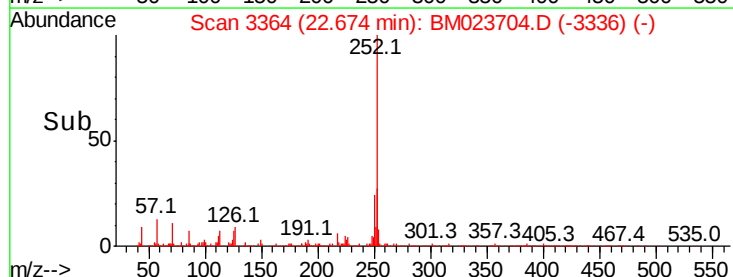
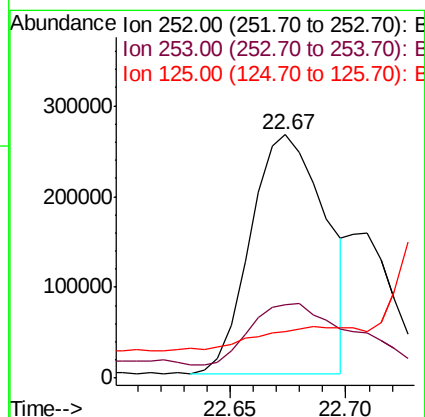
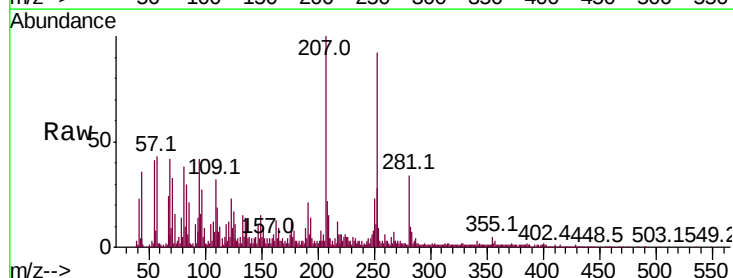
Tgt Ion:252 Resp: 593562

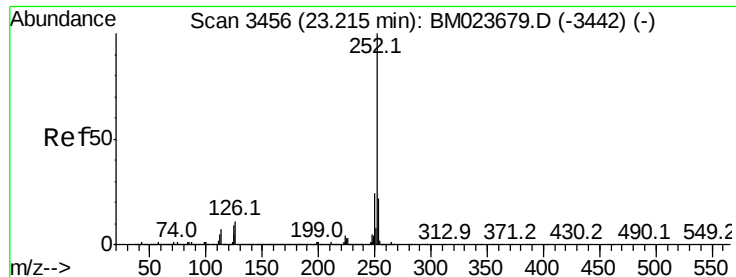
Ion Ratio Lower Upper

252 100

253 30.1 17.2 25.8#

125 18.9 5.9 8.9#





#91

Benzo(a)pyrene

Concen: 3.144 ng/ul

RT: 23.22 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM023704.D

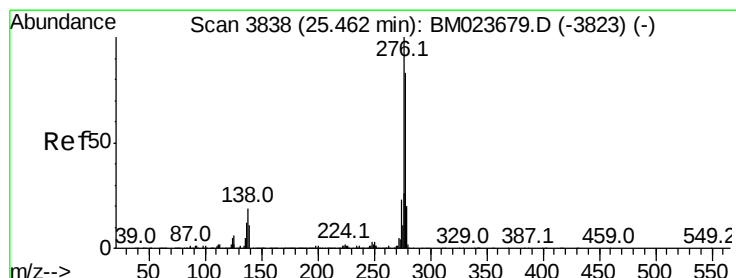
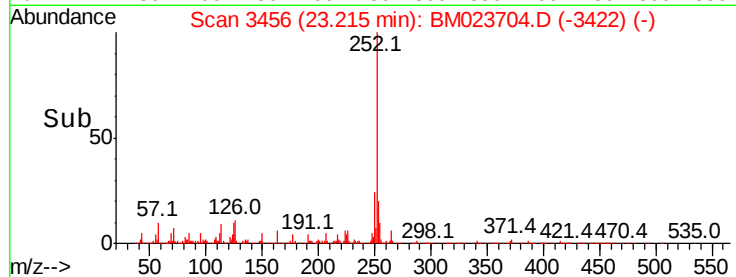
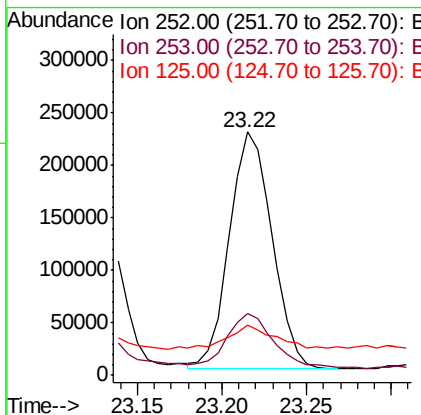
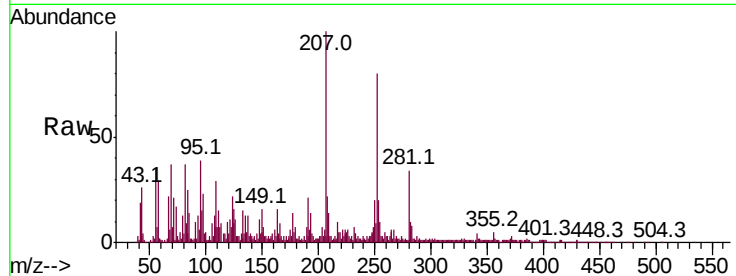
Acq: 13 Nov 2019 19:31

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	400101
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.3	25.9
125	20.7	6.9	10.3#



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.318 ng/ul

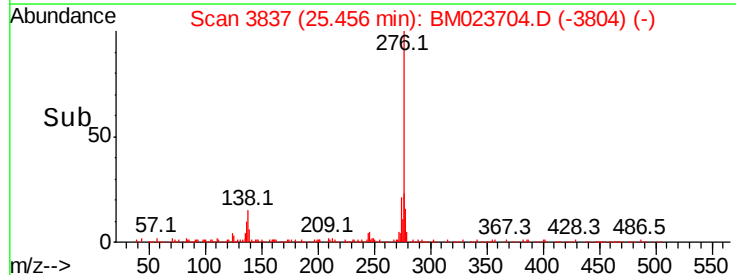
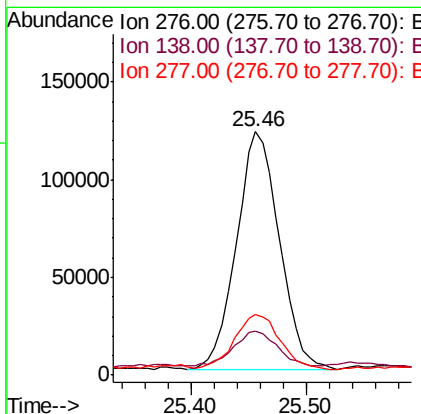
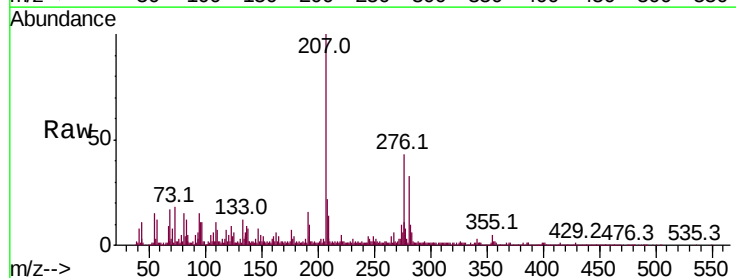
RT: 25.46 min Scan# 3837

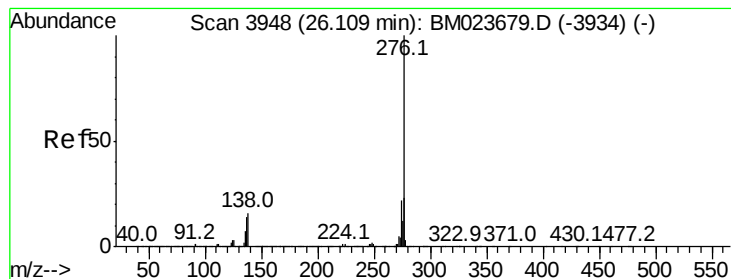
Delta R.T. -0.01 min

Lab File: BM023704.D

Acq: 13 Nov 2019 19:31

Tgt Ion:	276	Resp:	315441
Ion Ratio	Lower	Upper	
276	100		
138	17.8	15.0	22.4
277	24.7	20.0	30.0





#94

Benzo(a,h,i)perylene

Concen: 2.933 ng/ul

RT: 26.11 min Scan# 3949

Delta R.T. 0.01 min

Lab File: BM023704.D

Acq: 13 Nov 2019 19:31

Instrument :

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ClientSampleId :

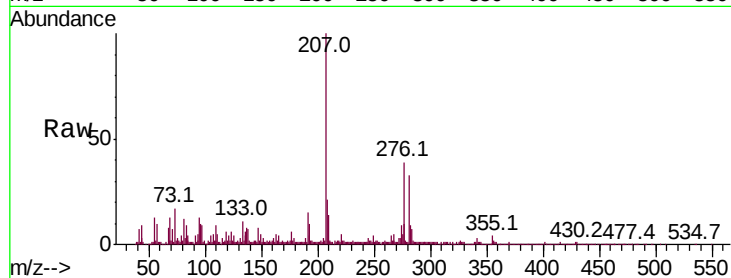
Tot Ion: 276 Resp: 323417

Ion Ratio Lower Upper

276 100

138 17.5 13.2 19.8

277 25.0 18.6 28.0



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

