

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
 Data File : BM022818.D
 Acq On : 30 Sep 2019 10:49
 Operator : JU
 Sample : K4958-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 30 23:36:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	253748	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1105521	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	682492	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	1380492	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1045081	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1015065	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	16158	2.75	ng/uL	0.00
5) Phenol-d5	6.97	99	359538	16.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	200695	16.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	294408	16.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	279207	15.21	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	137277	16.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	149262	16.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	323688	17.45	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	311912	13.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1001495	18.91	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1156644	18.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	147496	14.09	ng/ul	-0.01
58) Fluorene-d10	15.43	176	915507	20.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	111449	12.41	ng/ul	-0.01
71) Anthracene-d10	17.28	188	1422463	21.10	ng/ul	0.00
79) Pyrene-d10	19.57	212	1495880	26.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	1143809	21.78	ng/ul	-0.01

Target Compounds

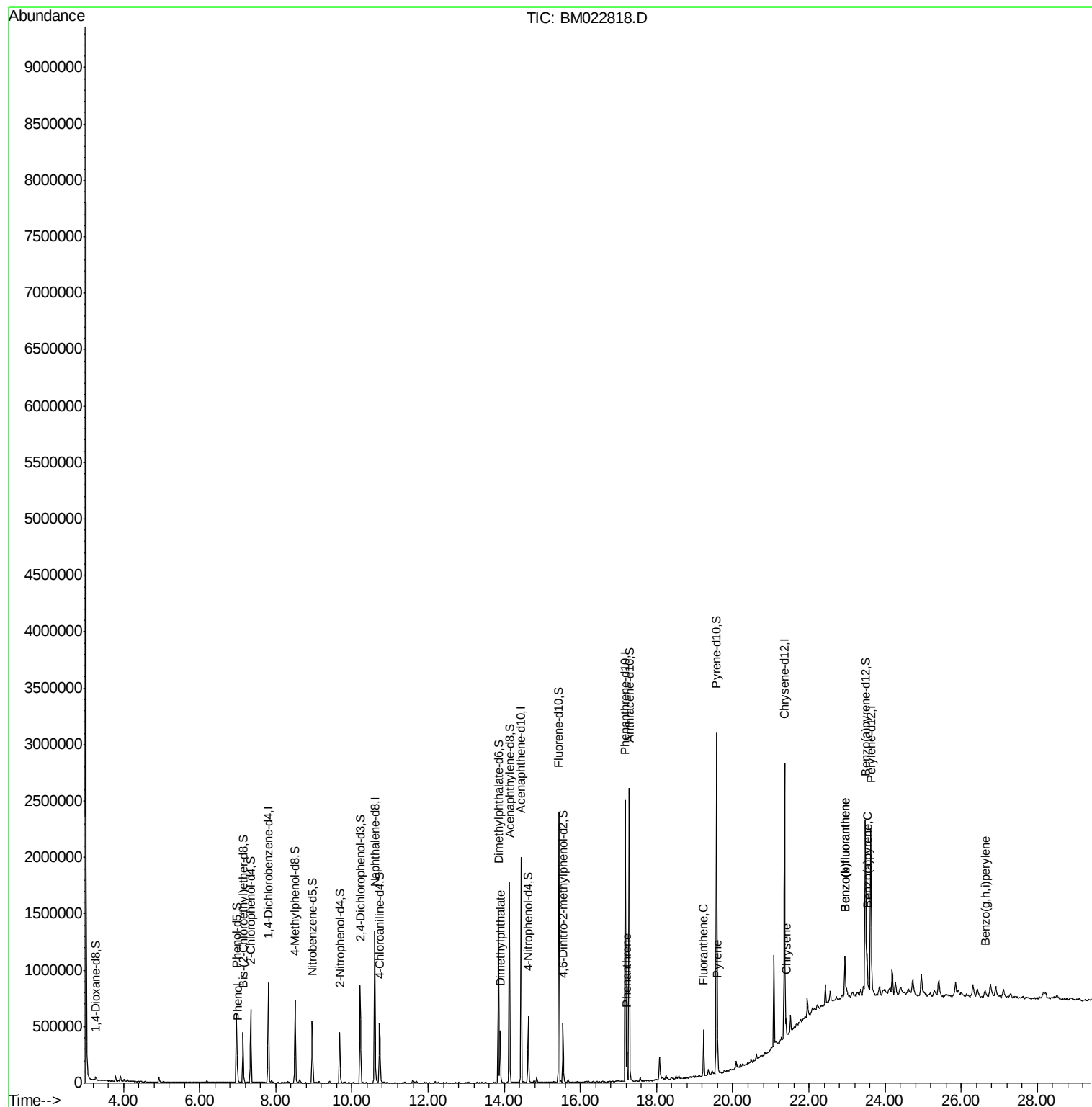
					Ovalue
6) Phenol	7.00	94	56592	2.408	ng/ul 99
45) Dimethylphthalate	13.90	163	288466	5.301	ng/ul 99
70) Phenanthrene	17.22	178	148594	1.804	ng/ul 99
77) Fluoranthene	19.23	202	236895	2.557	ng/ul 98
80) Pyrene	19.60	202	189530	2.558	ng/ul 97
85) Chrysene	21.40	228	87703	1.268	ng/ul 96
88) Benzo(b)fluoranthene	22.94	252	108210	1.606	ng/ul# 83
89) Benzo(k)fluoranthene	22.94	252	108210	1.679	ng/ul# 83
91) Benzo(a)pyrene	23.53	252	81298	1.286	ng/ul# 88
94) Benzo(a,h,i)perylene	26.63	276	58106	1.073	ng/ul 91

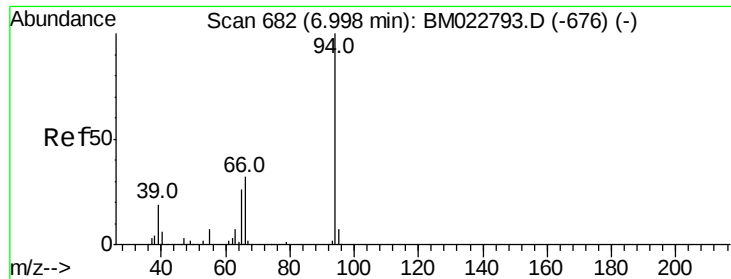
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.408 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022818.D

Acq: 30 Sep 2019 10:49

Instrument :

BNA_M

ClientSampled :

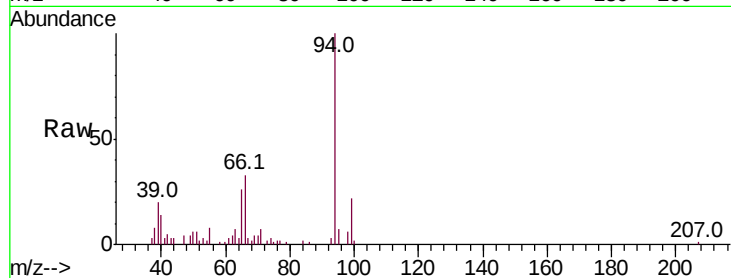
Tot Ion: 94 Resp: 56592

Ion Ratio Lower Upper

94 100

65 26.2 20.9 31.3

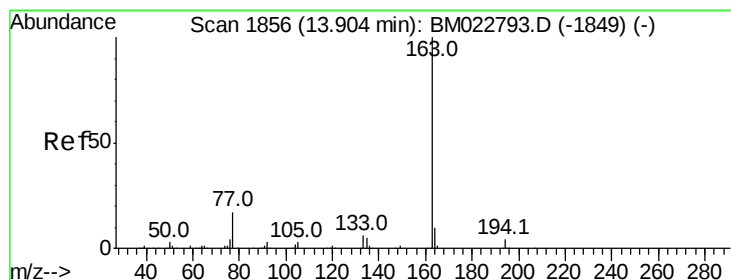
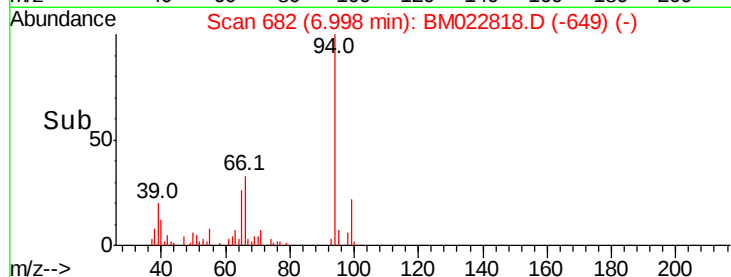
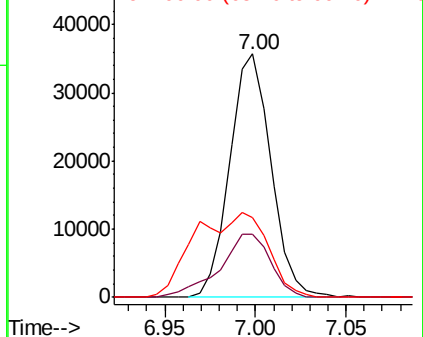
66 32.7 27.2 40.8



Abundance Ion 94.00 (93.70 to 94.70): BM022793.D (-676) (-)

Ion 65.00 (64.70 to 65.70): BM022793.D (-676) (-)

Ion 66.00 (65.70 to 66.70): BM022793.D (-676) (-)



#45

Dimethylphthalate

Concen: 5.301 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM022818.D

Acq: 30 Sep 2019 10:49

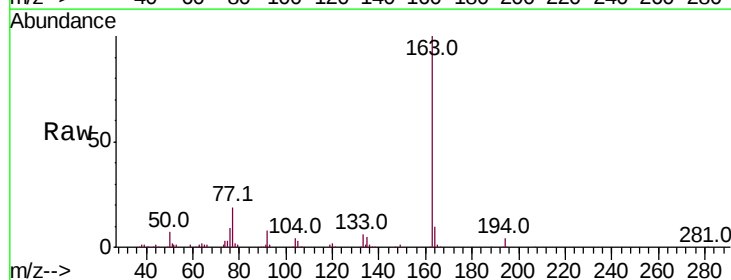
Tgt Ion:163 Resp: 288466

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

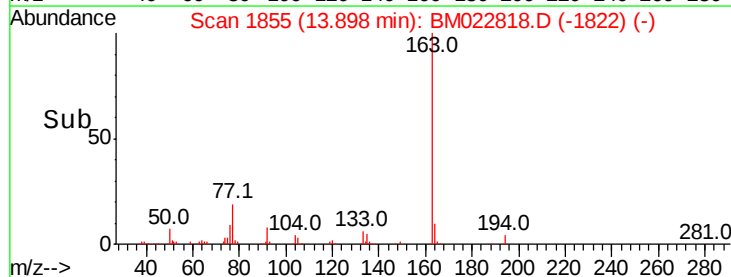
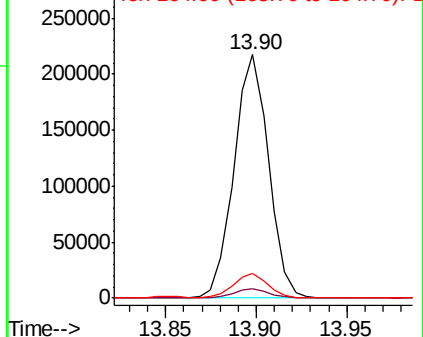
164 10.3 8.1 12.1

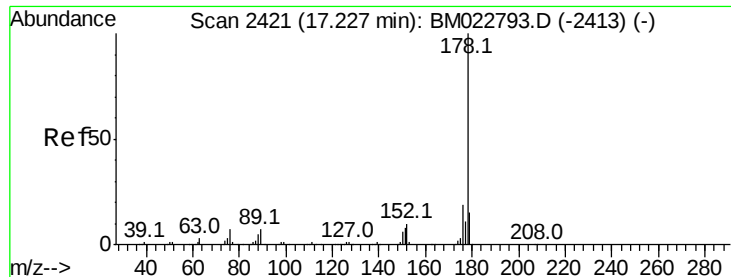


Abundance Ion 163.00 (162.70 to 163.70): BM022793.D (-1849) (-)

Ion 194.00 (193.70 to 194.70): BM022793.D (-1849) (-)

Ion 164.00 (163.70 to 164.70): BM022793.D (-1849) (-)





#70

Phenanthrene

Concen: 1.804 ng/ul

RT: 17.22 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BM022818.D

Acq: 30 Sep 2019 10:49

Instrument :

BNA_M

ClientSampled :

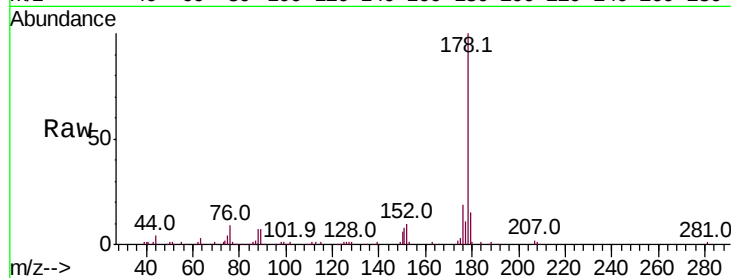
Tot Ion:178 Resp: 148594

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

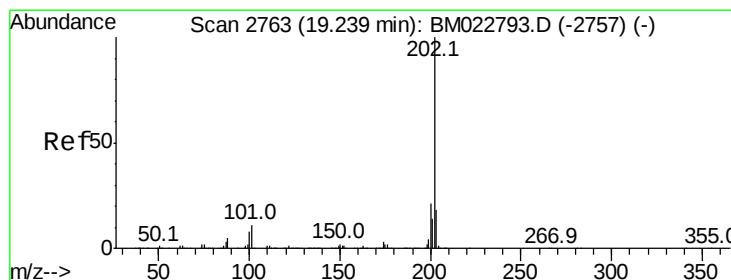
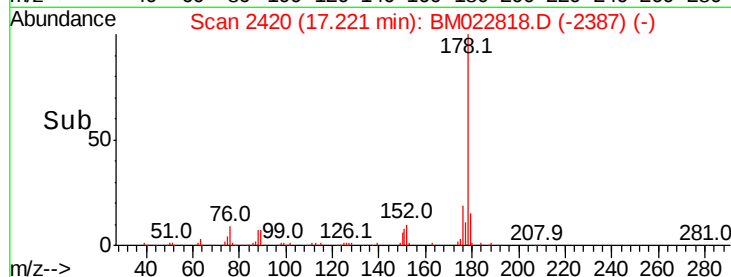
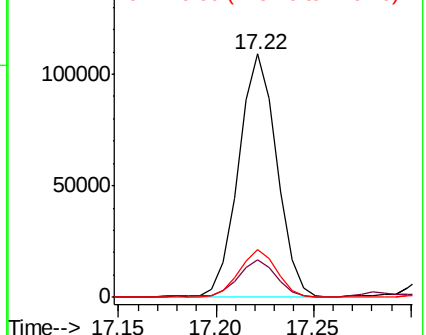
176 19.5 15.3 22.9



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: 2.557 ng/ul

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM022818.D

Acq: 30 Sep 2019 10:49

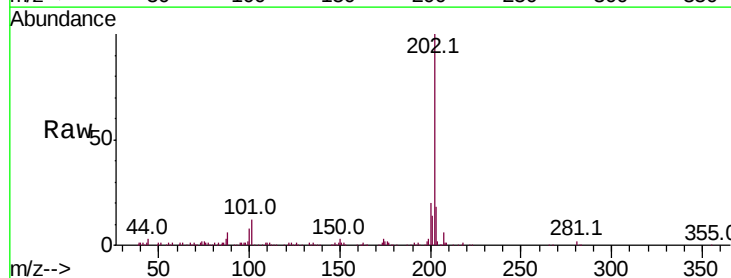
Tgt Ion:202 Resp: 236895

Ion Ratio Lower Upper

202 100

101 11.6 8.6 12.8

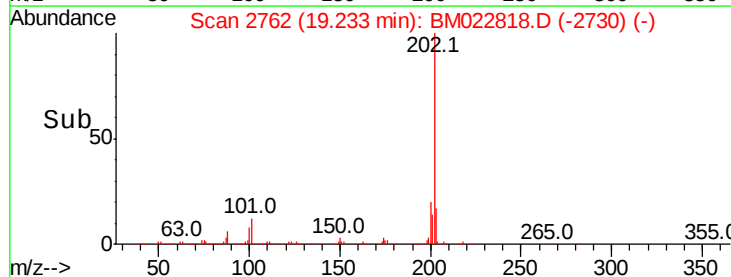
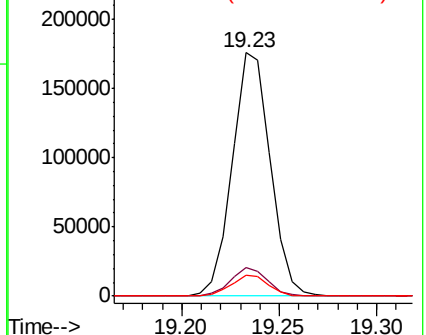
100 8.5 6.4 9.6

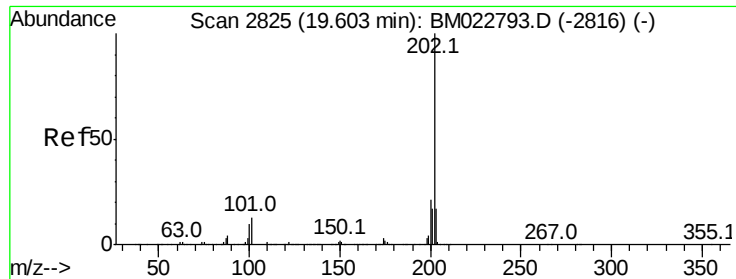


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

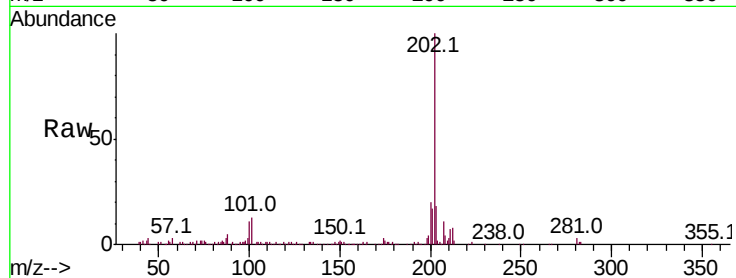




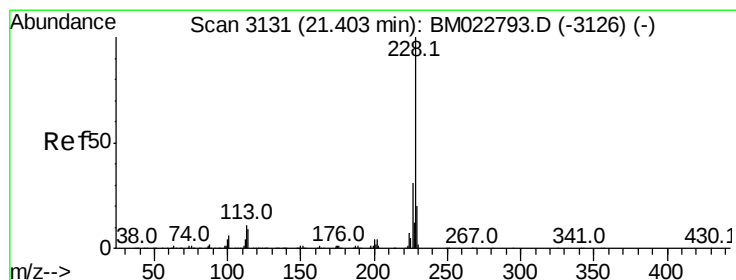
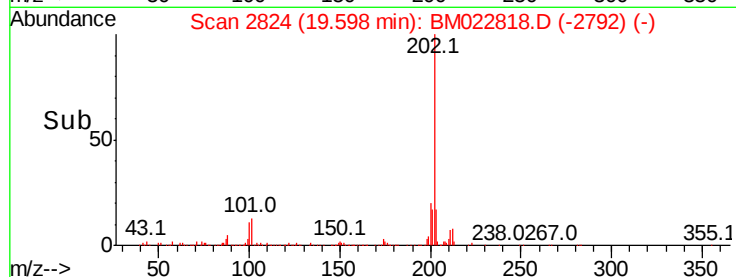
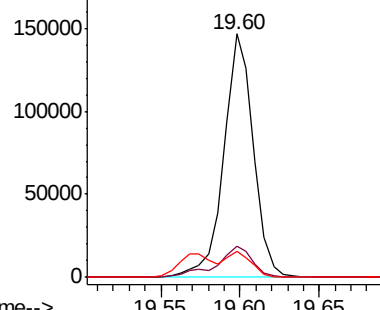
#80
Pvrene
Concen: 2.558 ng/ul
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022818.D
Acq: 30 Sep 2019 10:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.7	14.5
100	10.8	7.8	11.8

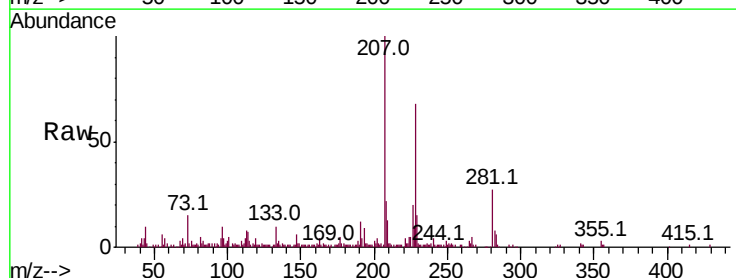


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

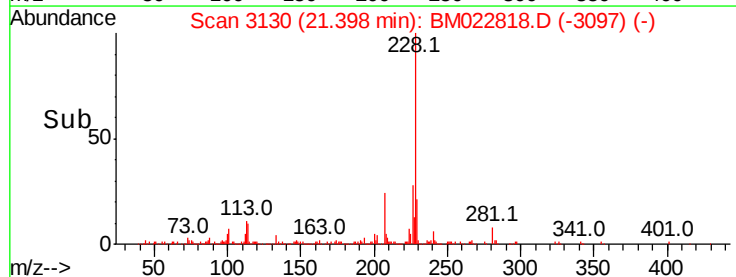
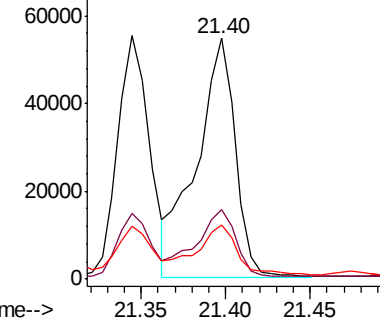


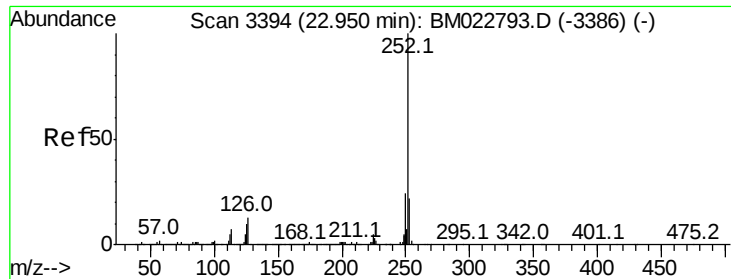
#85
Chrysene
Concen: 1.268 ng/ul
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM022818.D
Acq: 30 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.4
229	22.5	15.9	23.9



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: 1.606 ng/ul

RT: 22.94 min Scan# 3393

Delta R.T. -0.01 min

Lab File: BM022818.D

Acq: 30 Sep 2019 10:49

Instrument :

BNA_M

ClientSampleId :

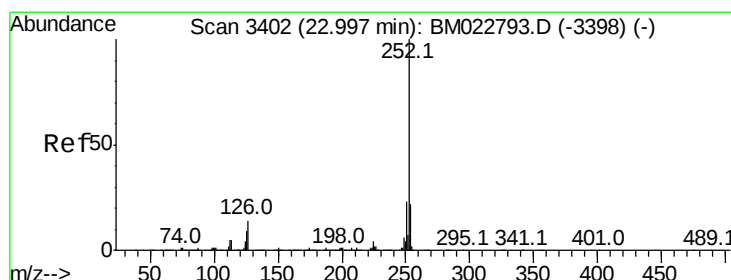
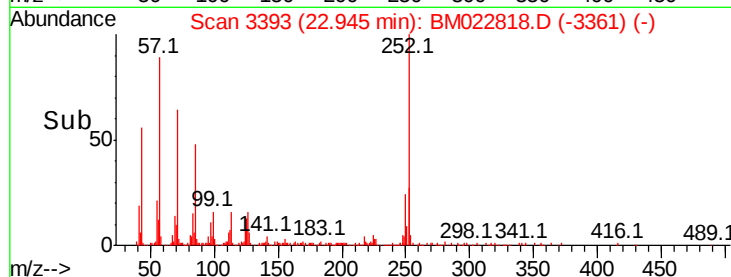
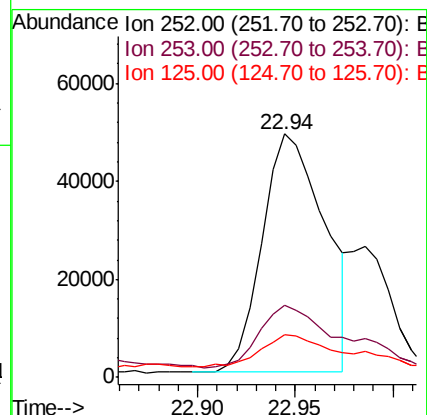
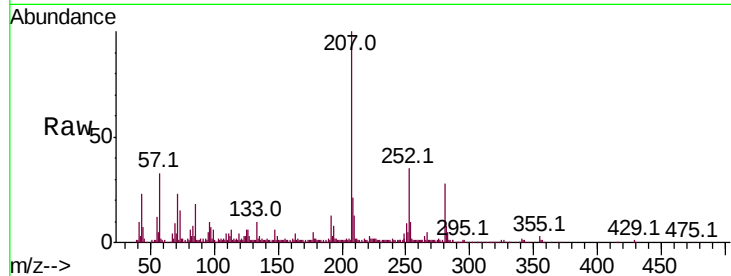
Tot Ion:252 Resp: 108210

Ion Ratio Lower Upper

252 100

253 29.4 17.7 26.5#

125 17.3 8.2 12.2#



#89

Benzo(k)fluoranthene

Concen: 1.679 ng/ul

RT: 22.94 min Scan# 3393

Delta R.T. -0.06 min

Lab File: BM022818.D

Acq: 30 Sep 2019 10:49

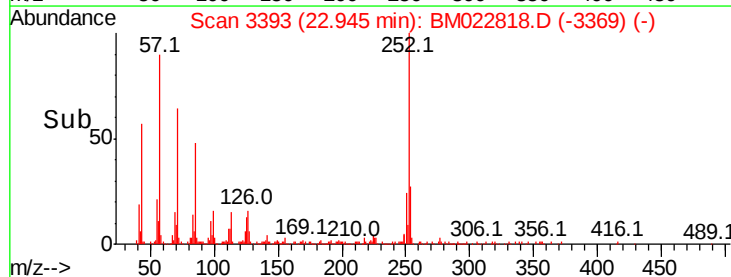
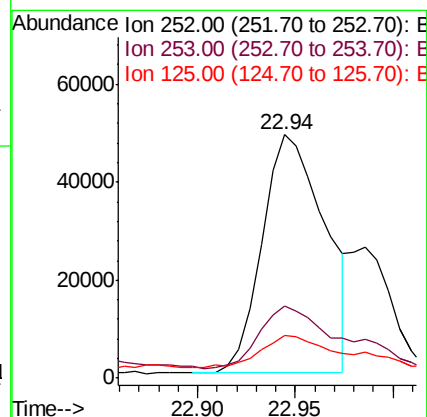
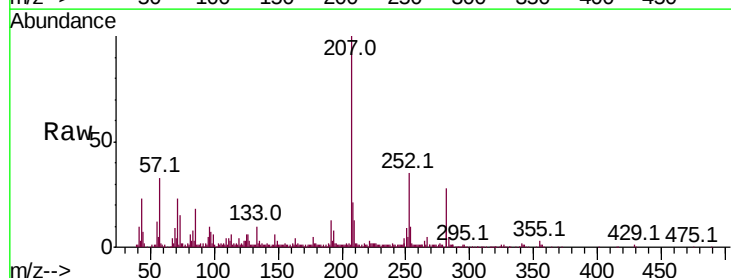
Tgt Ion:252 Resp: 108210

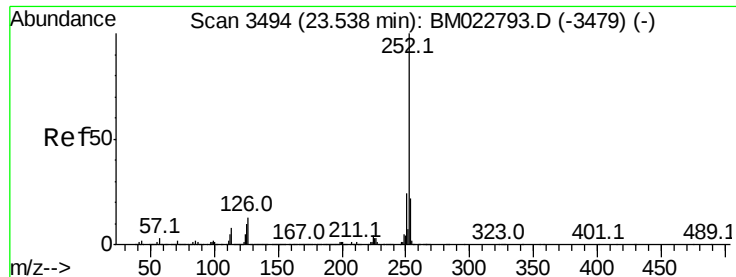
Ion Ratio Lower Upper

252 100

253 29.4 17.5 26.3#

125 17.3 7.9 11.9#





#91

Benzo(a)pyrene

Concen: 1.286 ng/ul

RT: 23.53 min Scan# 3492

Delta R.T. -0.02 min

Lab File: BM022818.D

Acq: 30 Sep 2019 10:49

Instrument :

BNA_M

ClientSampleId :

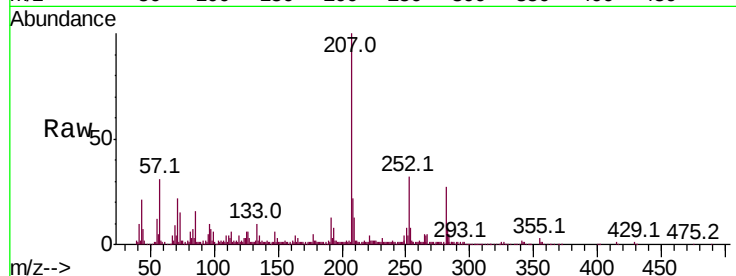
Tot Ion:252 Resp: 81298

Ion Ratio Lower Upper

252 100

253 26.1 17.6 26.4

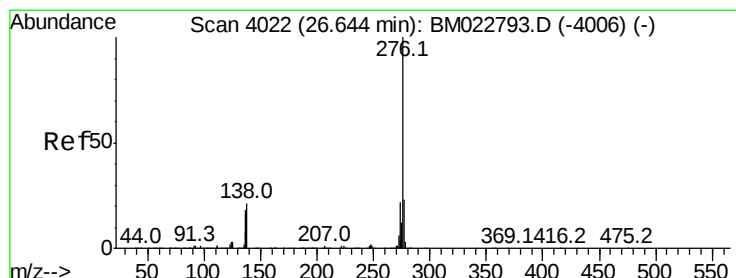
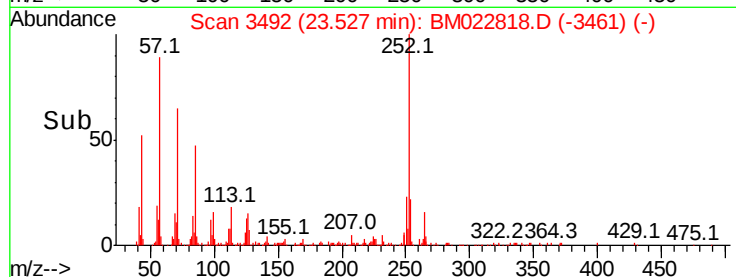
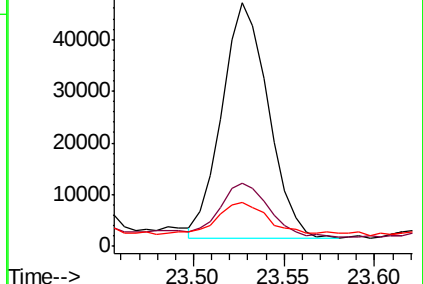
125 17.9 8.7 13.1#



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



#94

Benzo(g,h,i)perylene

Concen: 1.073 ng/ul

RT: 26.63 min Scan# 4019

Delta R.T. -0.02 min

Lab File: BM022818.D

Acq: 30 Sep 2019 10:49

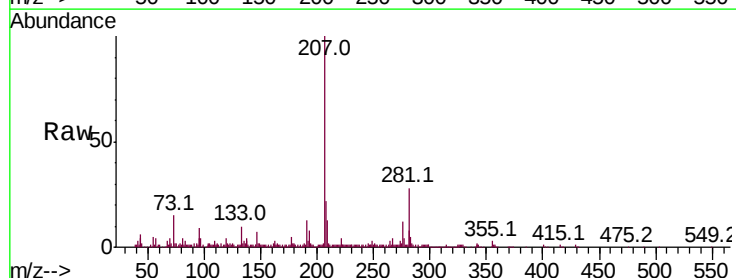
Tgt Ion:276 Resp: 58106

Ion Ratio Lower Upper

276 100

138 25.8 17.6 26.4

277 28.3 19.1 28.7



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

