

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
 Data File : BM022819.D
 Acq On : 30 Sep 2019 11:26
 Operator : JU
 Sample : K4958-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 30 23:37:00 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	256503	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1141340	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	733351	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	1523656	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1269075	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1138781	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	25338	4.27	ng/uL	0.00
5) Phenol-d5	6.97	99	541466	23.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	292382	23.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	441982	24.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	436521	23.52	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	206878	23.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	229373	23.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	455890	23.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	502349	21.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1413339	24.83	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1633861	24.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	240249	21.36	ng/ul	0.00
58) Fluorene-d10	15.43	176	1222327	25.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	163657	16.51	ng/ul	0.00
71) Anthracene-d10	17.28	188	1873554	25.18	ng/ul	0.00
79) Pyrene-d10	19.57	212	2132615	31.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	1577223	26.77	ng/ul	-0.01

Target Compounds

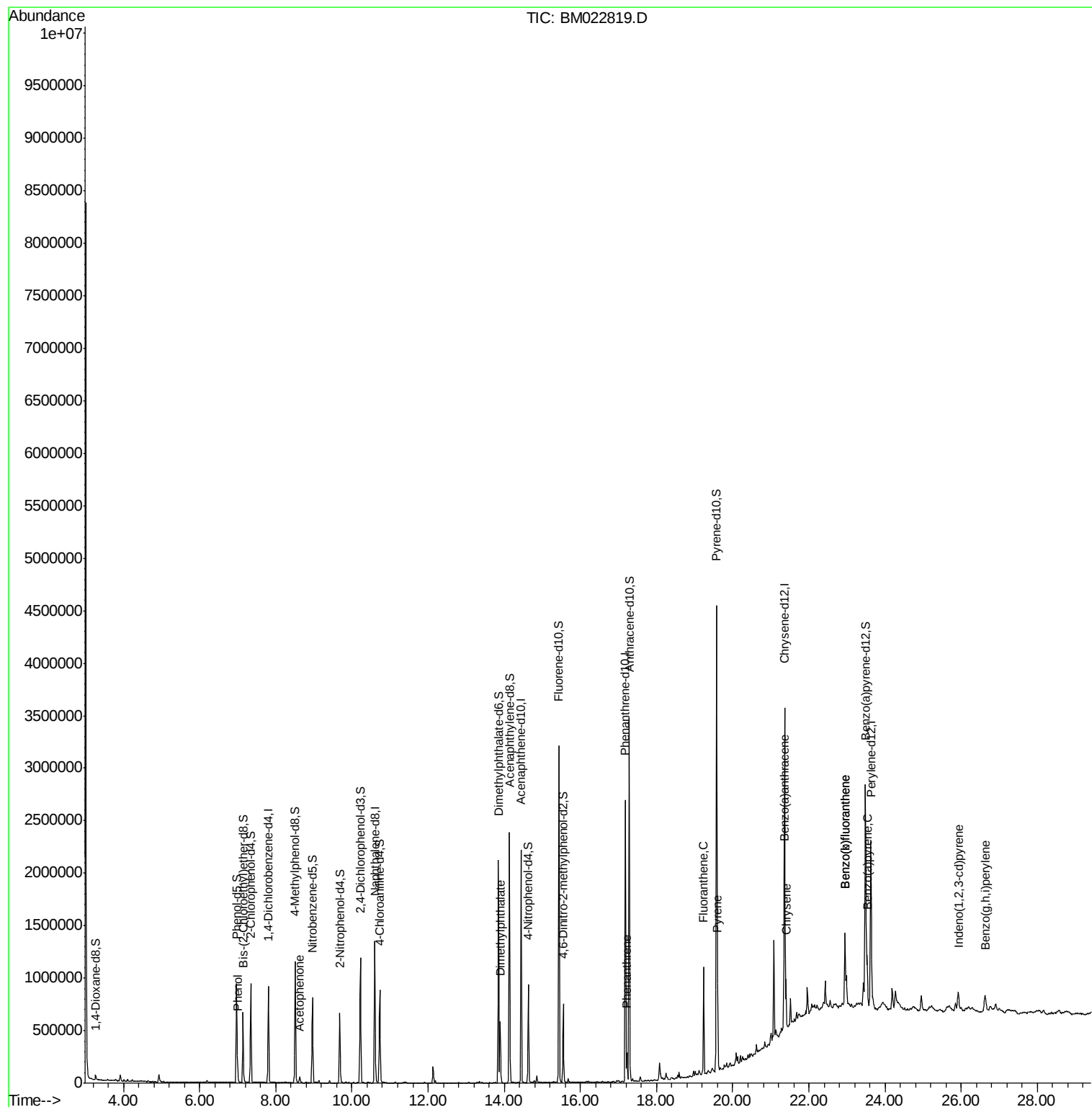
					Ovalue
6) Phenol	7.00	94	72136	3.036	ng/ul 97
14) Acetophenone	8.63	105	33631	1.186	ng/ul 99
45) Dimethylphthalate	13.90	163	368583	6.304	ng/ul 100
70) Phenanthrene	17.22	178	163134	1.794	ng/ul 99
77) Fluoranthene	19.24	202	583175	5.702	ng/ul 99
80) Pyrene	19.60	202	483128	5.370	ng/ul 100
83) Benzo(a)anthracene	21.34	228	184549	2.025	ng/ul 98
85) Chrysene	21.40	228	253942	3.023	ng/ul 98
88) Benzo(b)fluoranthene	22.95	252	363883	4.815	ng/ul# 98
89) Benzo(k)fluoranthene	22.95	252	363883	5.033	ng/ul# 97
91) Benzo(a)pyrene	23.53	252	194872	2.749	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.92	276	175024	2.324	ng/ul 96
94) Benzo(g,h,i)perylene	26.63	276	181454	2.987	ng/ul 99

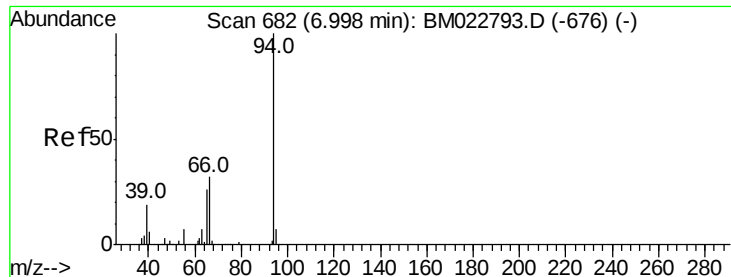
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.036 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022819.D

Acq: 30 Sep 2019 11:26

Instrument :

BNA_M

ClientSampleId :

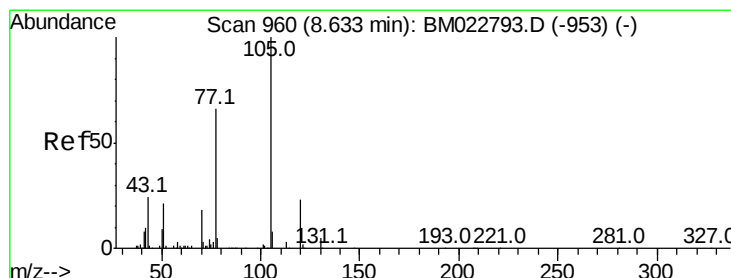
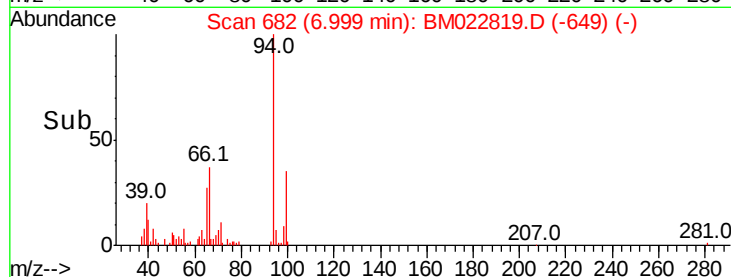
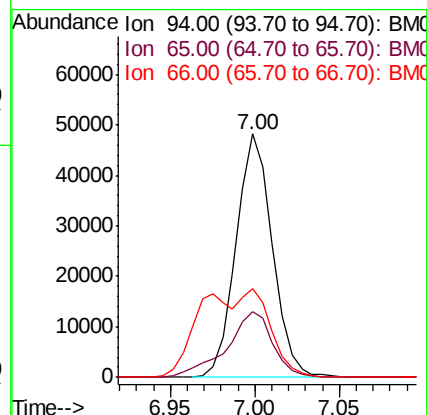
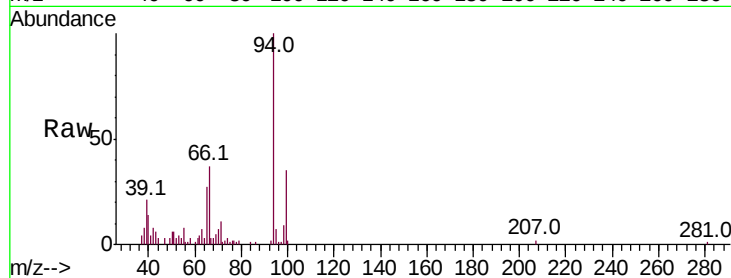
Tot Ion: 94 Resp: 72136

Ion Ratio Lower Upper

94 100

65 27.1 20.9 31.3

66 36.5 27.2 40.8



#14

Acetophenone

Concen: 1.186 ng/ul

RT: 8.63 min Scan# 960

Delta R.T. 0.00 min

Lab File: BM022819.D

Acq: 30 Sep 2019 11:26

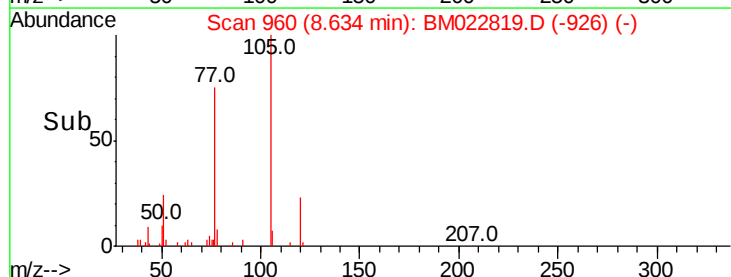
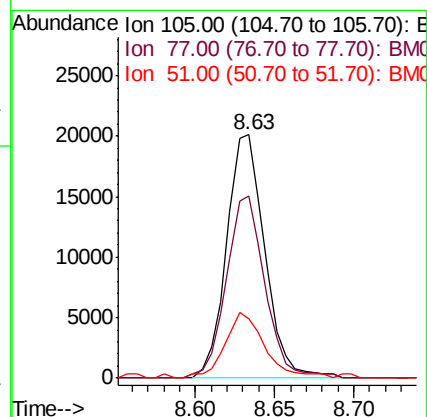
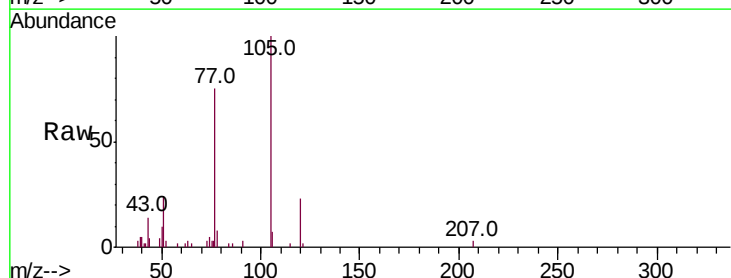
Tgt Ion: 105 Resp: 33631

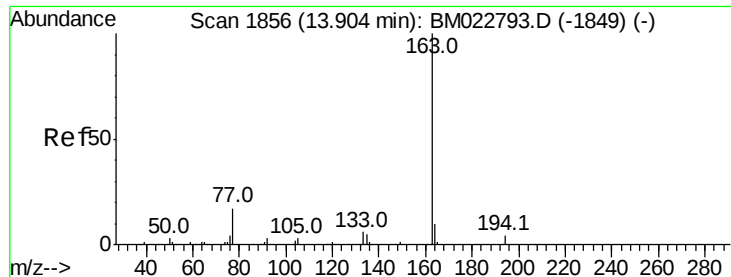
Ion Ratio Lower Upper

105 100

77 74.8 59.4 89.0

51 24.3 19.4 29.0





#45

Dimethylphthalate

Concen: 6.304 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM022819.D

Acq: 30 Sep 2019 11:26

Instrument :

BNA_M

ClientSampleId :

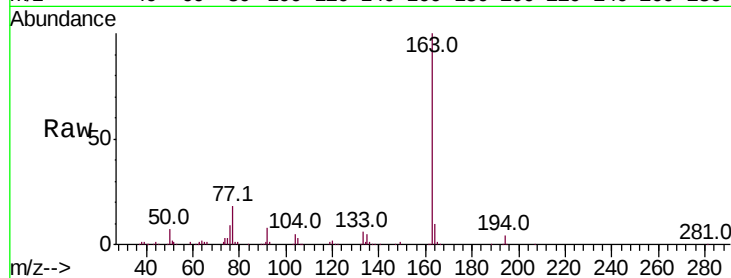
Tot Ion:163 Resp: 368583

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

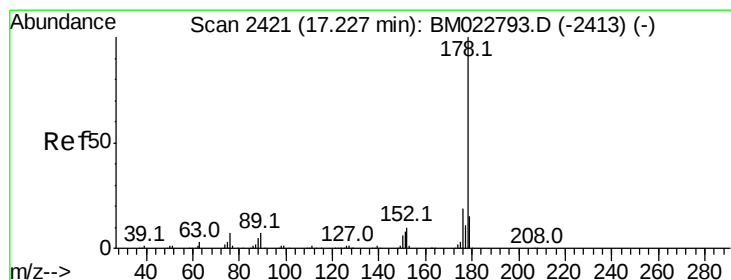
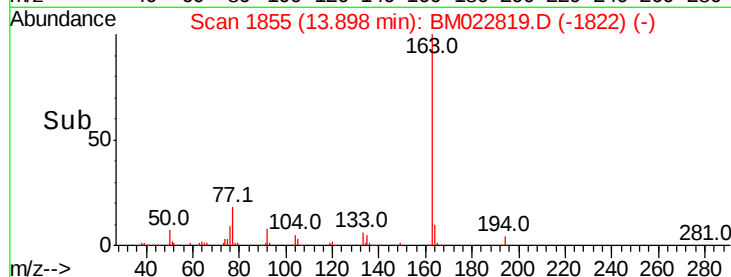
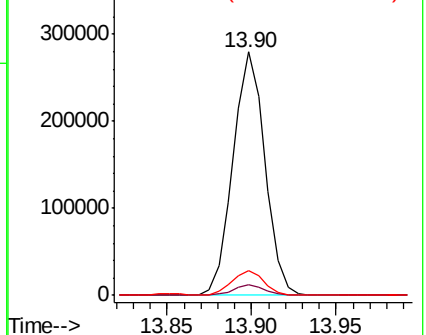
164 10.1 8.1 12.1



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: 1.794 ng/ul

RT: 17.22 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BM022819.D

Acq: 30 Sep 2019 11:26

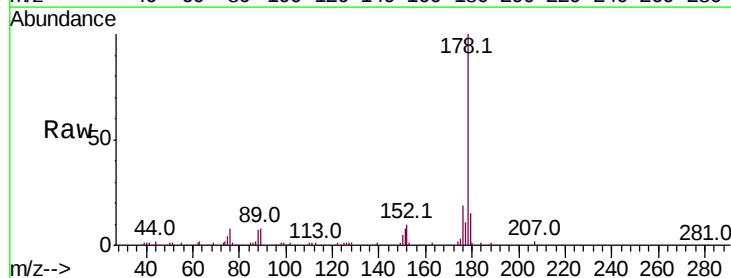
Tgt Ion:178 Resp: 163134

Ion Ratio Lower Upper

178 100

179 14.9 12.4 18.6

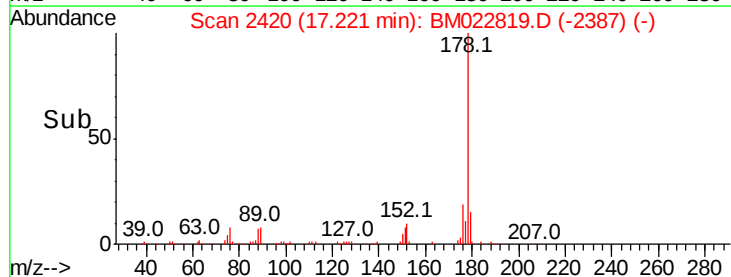
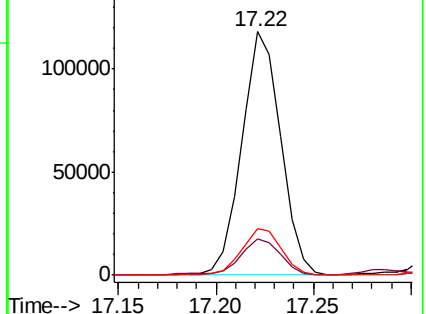
176 19.4 15.3 22.9

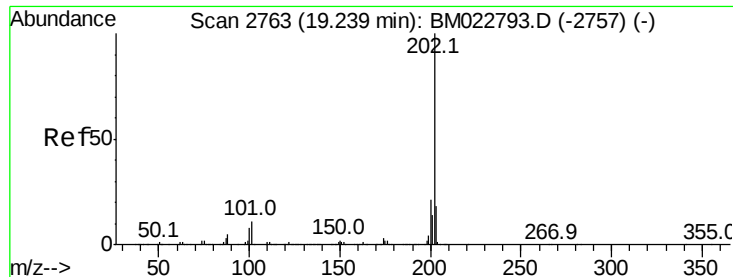


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

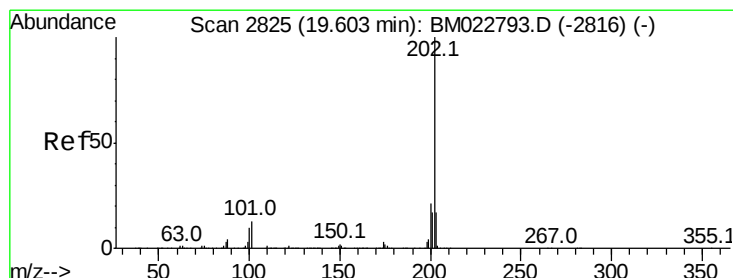
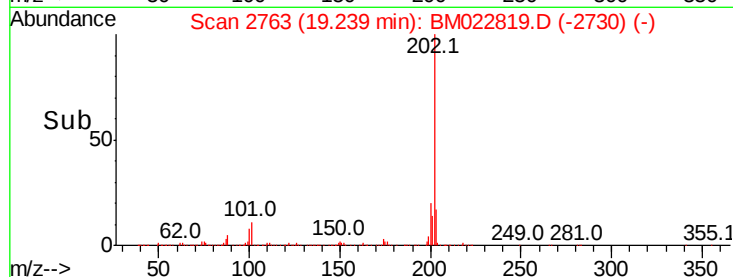
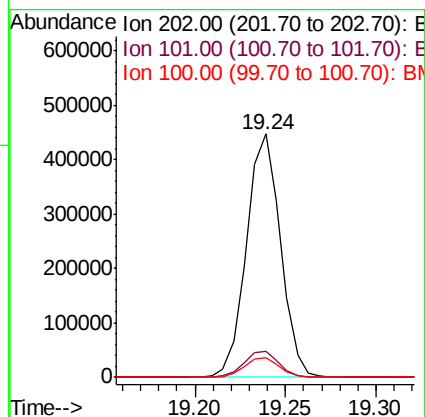
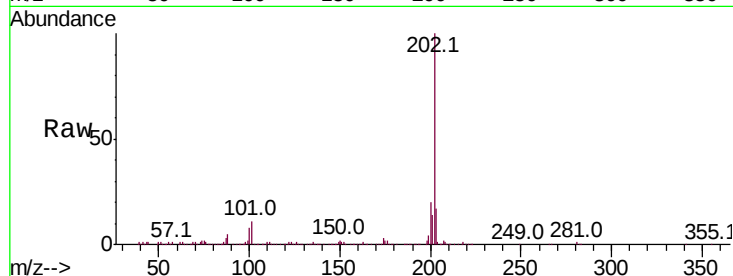




#77
 Fluoranthene
 Concen: 5.702 ng/ul
 RT: 19.24 min Scan# 2763
 Delta R.T. -0.01 min
 Lab File: BM022819.D
 Acq: 30 Sep 2019 11:26

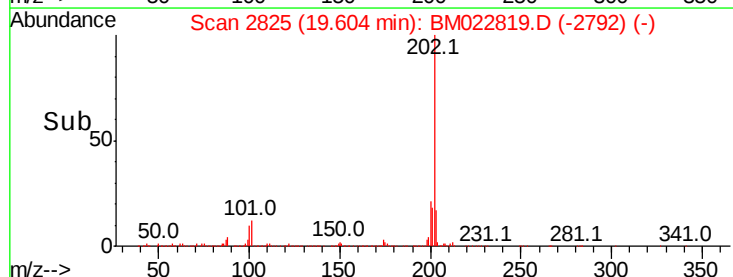
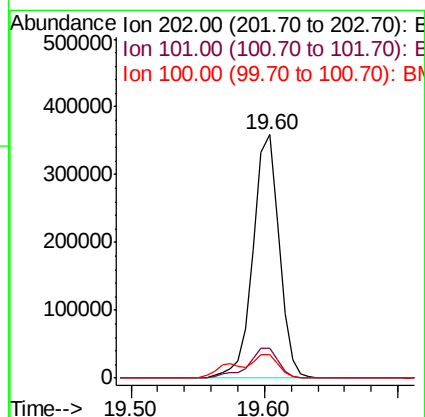
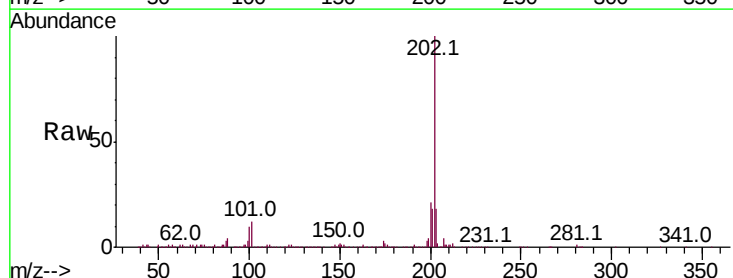
Instrument :
 BNA_M
 ClientSampleId :

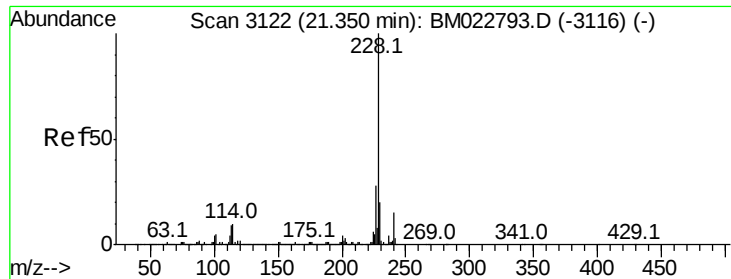
Tot Ion:	202	Resp:	583175
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.6	12.8
100	8.3	6.4	9.6



#80
 Pyrene
 Concen: 5.370 ng/ul
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BM022819.D
 Acq: 30 Sep 2019 11:26

Tgt Ion:	202	Resp:	483128
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.7	14.5
100	9.7	7.8	11.8

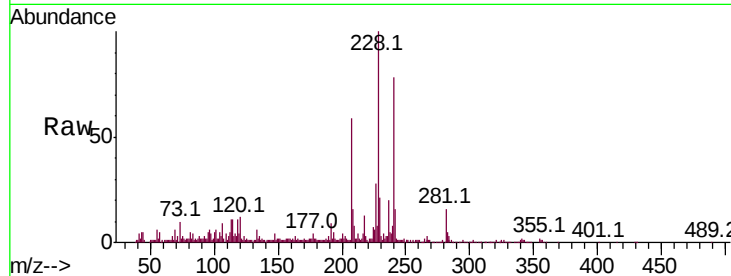




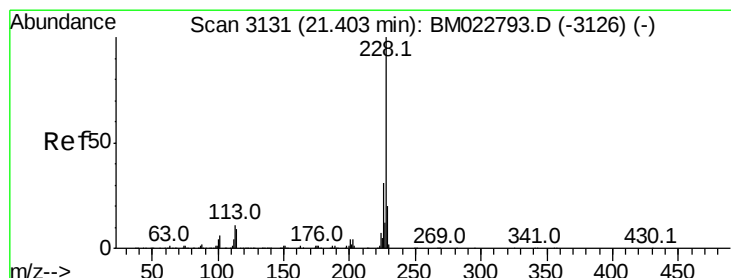
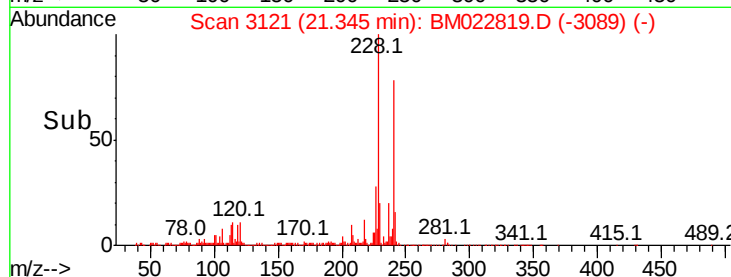
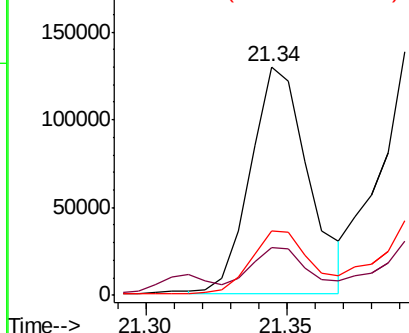
#83
Benzo(a)anthracene
Concen: 2.025 ng/ul
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM022819.D
Acq: 30 Sep 2019 11:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	28.5	22.4	33.6

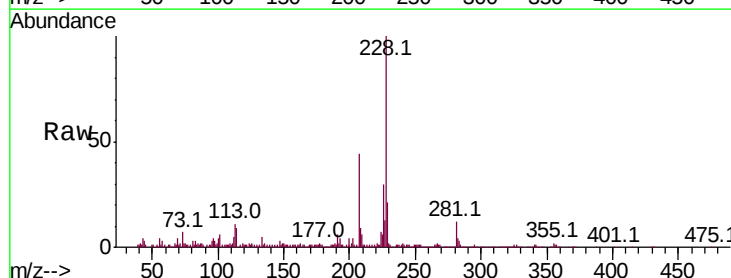


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

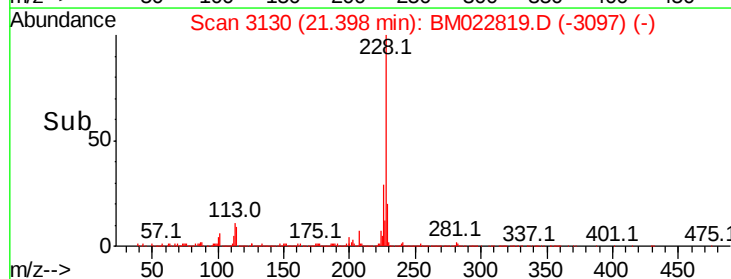
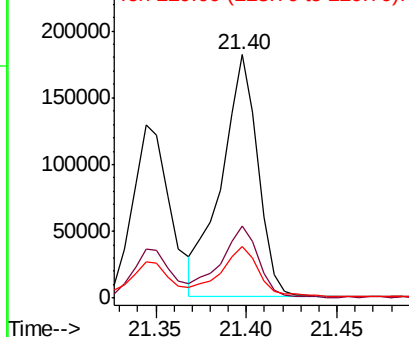


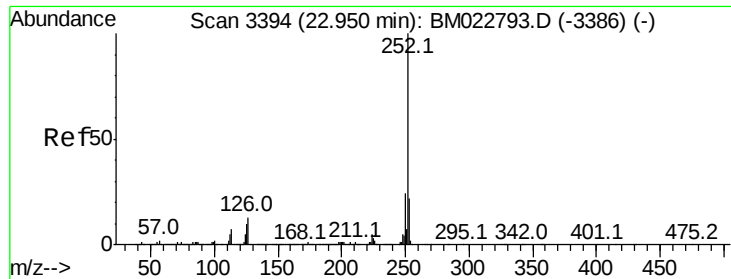
#85
Chrysene
Concen: 3.023 ng/ul
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM022819.D
Acq: 30 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	20.9	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: 4.815 ng/ul

RT: 22.95 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BM022819.D

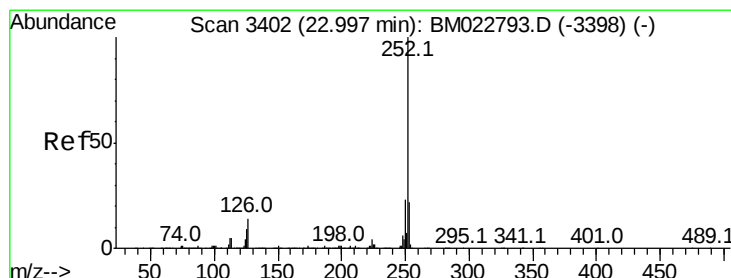
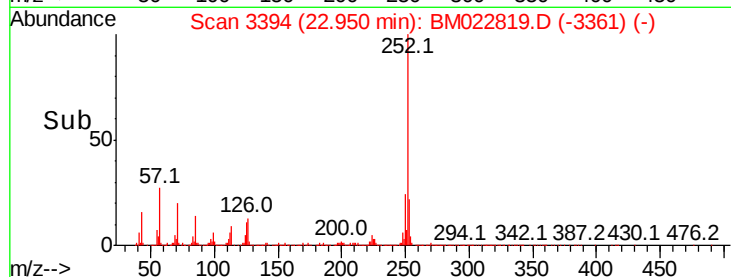
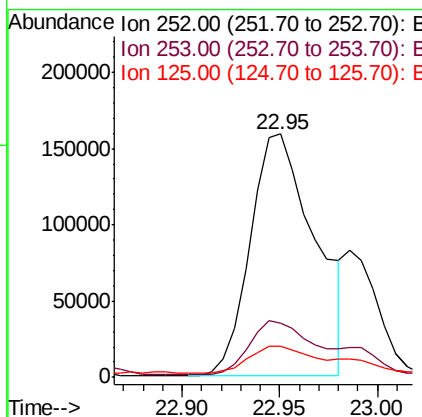
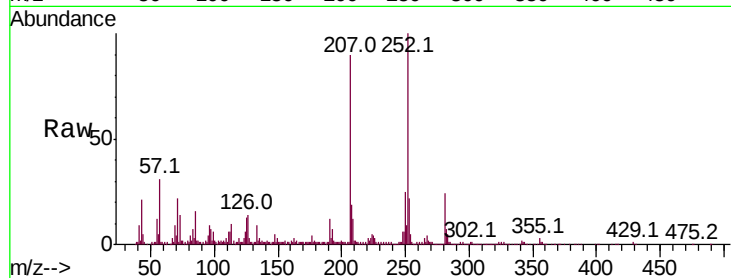
Acq: 30 Sep 2019 11:26

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	363883
Ion Ratio	Lower	Upper
252	100	
253	22.4	17.7 26.5
125	12.6	8.2 12.2#



#89

Benzo(k)fluoranthene

Concen: 5.033 ng/ul

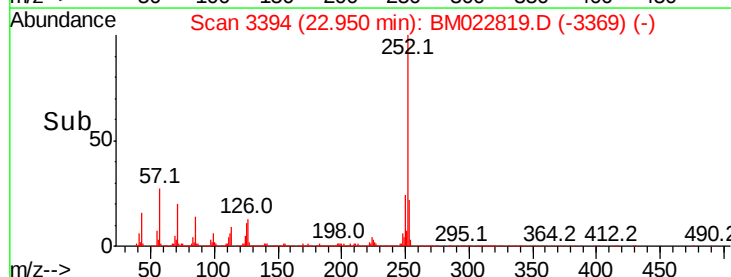
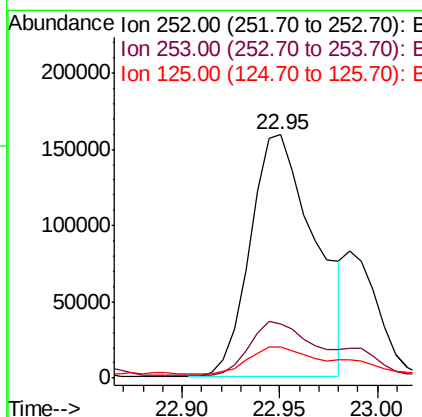
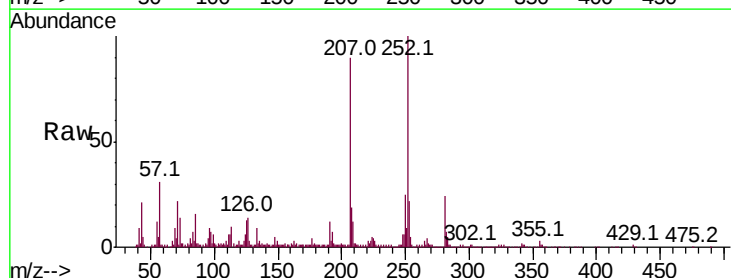
RT: 22.95 min Scan# 3394

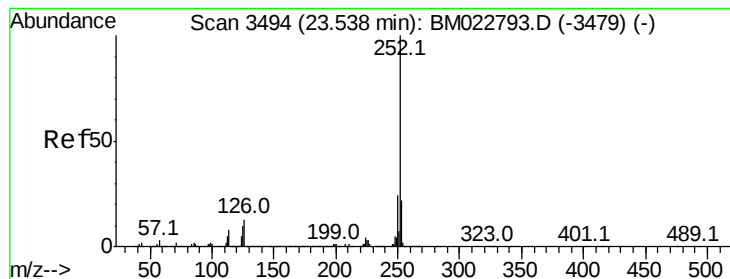
Delta R.T. -0.05 min

Lab File: BM022819.D

Acq: 30 Sep 2019 11:26

Tgt Ion:252	Resp:	363883
Ion Ratio	Lower	Upper
252	100	
253	22.4	17.5 26.3
125	12.6	7.9 11.9#





#91

Benzo(a)pyrene

Concen: 2.749 ng/ul

RT: 23.53 min Scan# 3493

Delta R.T. -0.01 min

Lab File: BM022819.D

Acq: 30 Sep 2019 11:26

Instrument :

BNA_M

ClientSampleId :

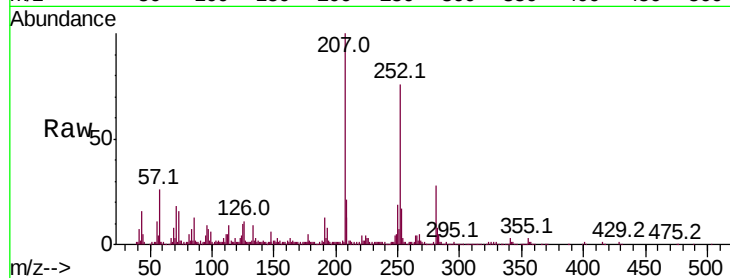
Tot Ion:252 Resp: 194872

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 12.6 8.7 13.1

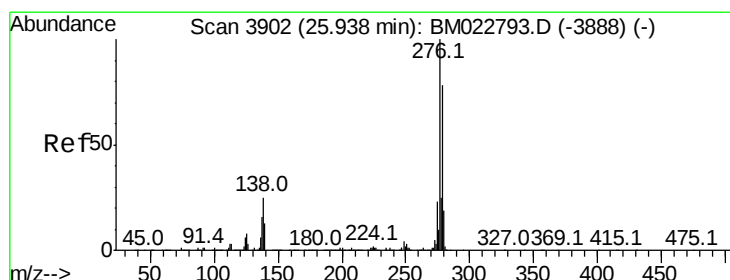
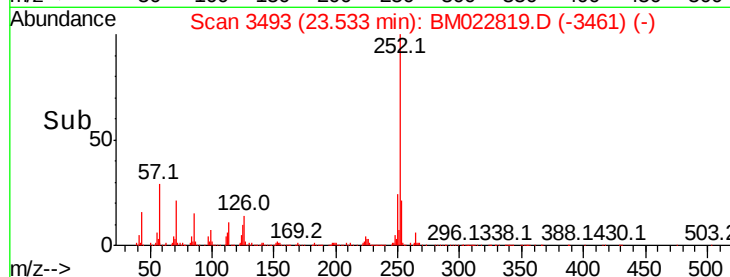
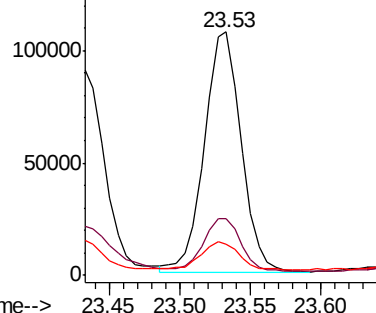


Abundance

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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.324 ng/ul

RT: 25.92 min Scan# 3899

Delta R.T. -0.02 min

Lab File: BM022819.D

Acq: 30 Sep 2019 11:26

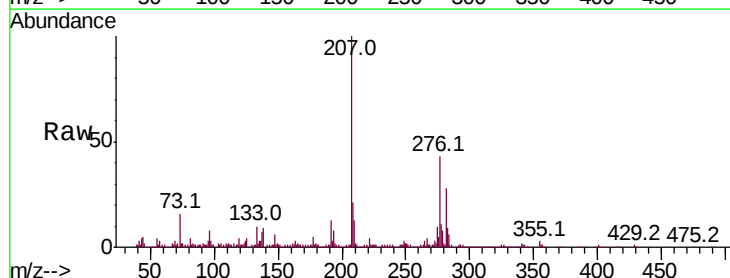
Tgt Ion:276 Resp: 175024

Ion Ratio Lower Upper

276 100

138 21.3 19.8 29.8

277 26.4 20.3 30.5

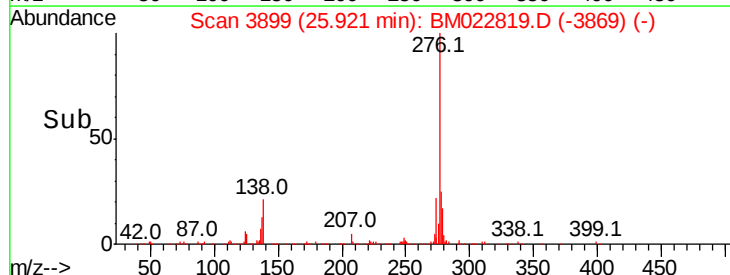
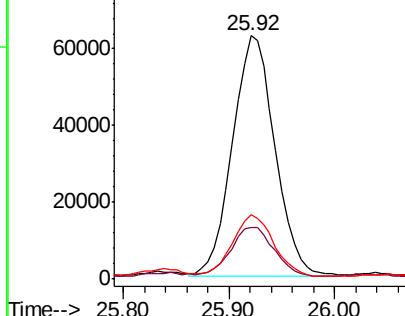


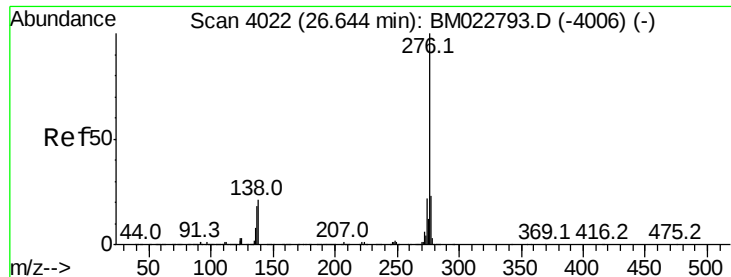
Abundance

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: 2.987 ng/ul

RT: 26.63 min Scan# 4020

Delta R.T. -0.02 min

Lab File: BM022819.D

Acq: 30 Sep 2019 11:26

Instrument :

BNA_M

ClientSampleId :

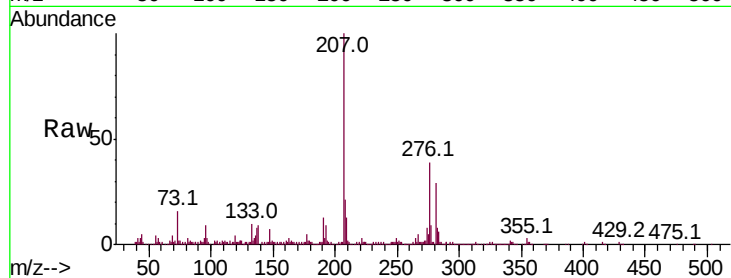
Tot Ion: 276 Resp: 181454

Ion Ratio Lower Upper

276 100

138 21.9 17.6 26.4

277 24.4 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

