

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
 Data File : BM022823.D
 Acq On : 30 Sep 2019 13:51
 Operator : JU
 Sample : K4958-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 30 23:37:32 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	272018	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1204731	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	779757	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	1625678	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1550207	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1339326	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	19201	3.05	ng/uL	0.00
5) Phenol-d5	6.97	99	362643	15.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	230290	17.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	321484	16.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	273714	13.91	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	161686	17.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	176419	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	337827	16.71	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	447009	18.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1166454	19.27	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1334865	19.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	135053	11.29	ng/ul	-0.01
58) Fluorene-d10	15.43	176	1016082	19.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	111583	10.55	ng/ul	-0.01
71) Anthracene-d10	17.28	188	1560327	19.65	ng/ul	0.00
79) Pyrene-d10	19.57	212	1865279	22.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	1467212	21.18	ng/ul	-0.01

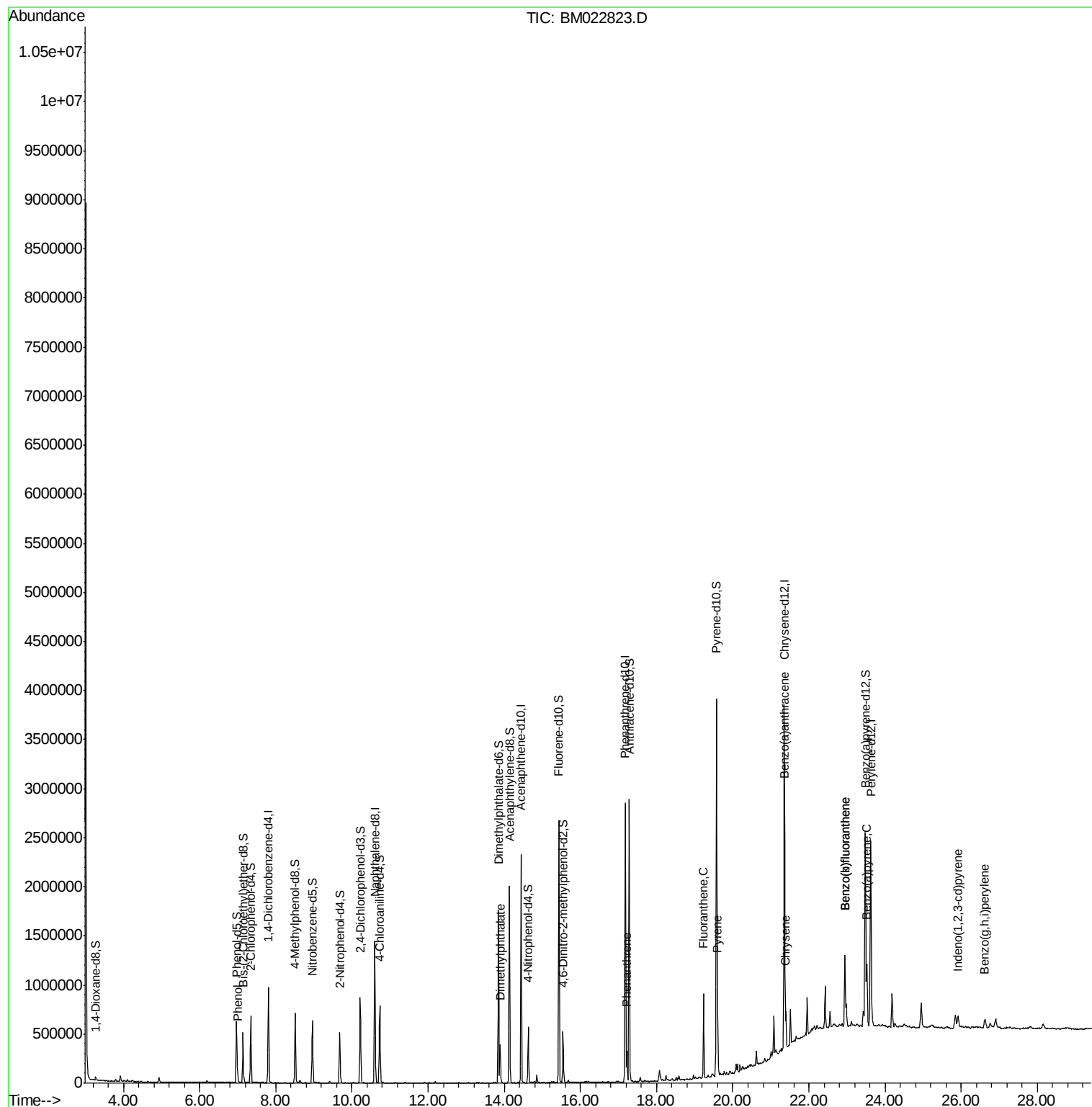
Target Compounds				Ovalue		
6) Phenol	7.00	94	56416	2.239	ng/ul	98
45) Dimethylphthalate	13.90	163	248893	4.004	ng/ul	99
70) Phenanthrene	17.22	178	183653	1.893	ng/ul	100
77) Fluoranthene	19.23	202	508194	4.657	ng/ul	97
80) Pyrene	19.60	202	416699	3.792	ng/ul	96
83) Benzo(a)anthracene	21.34	228	174881	1.571	ng/ul	98
85) Chrysene	21.40	228	210982	2.056	ng/ul	99
88) Benzo(b)fluoranthene	22.94	252	259009	2.914	ng/ul#	96
89) Benzo(k)fluoranthene	22.94	252	259009	3.046	ng/ul#	96
91) Benzo(a)pyrene	23.53	252	152870	1.833	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.92	276	104872	1.184	ng/ul	96
94) Benzo(g,h,i)perylene	26.62	276	107683	1.507	ng/ul	99

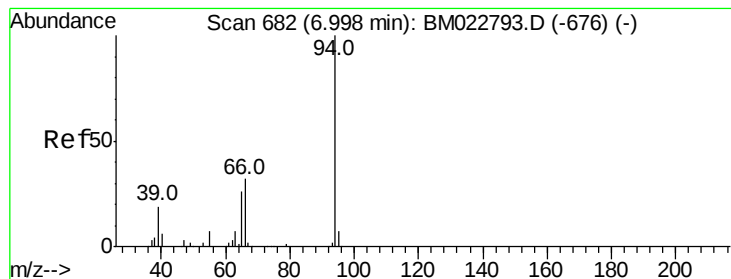
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 30 23:37:32 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.239 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022823.D

Acq: 30 Sep 2019 13:51

Instrument :

BNA_M

ClientSampled :

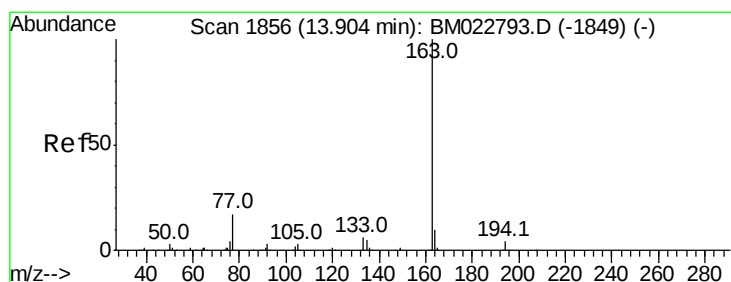
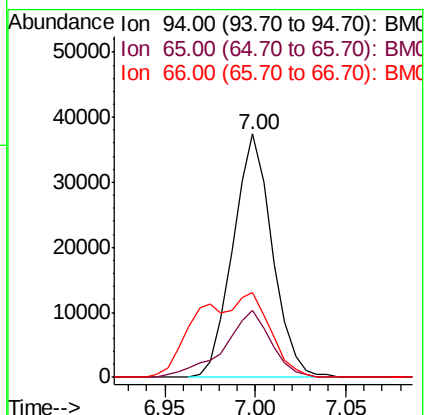
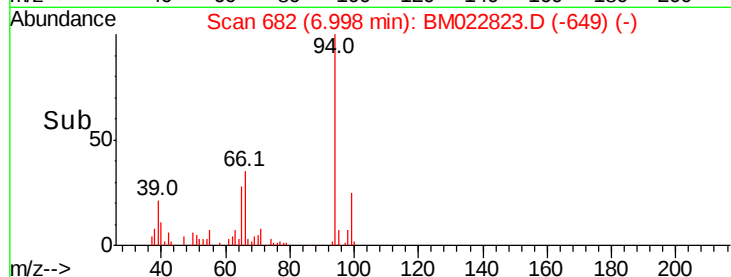
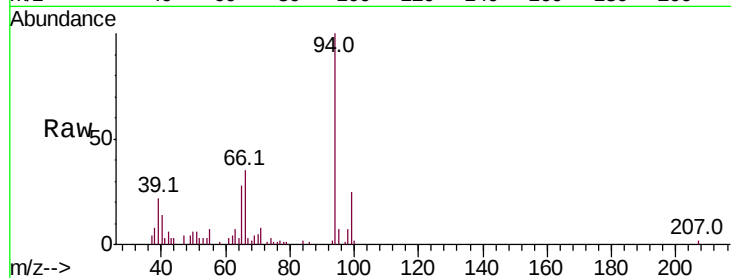
Tot Ion: 94 Resp: 56416

Ion Ratio Lower Upper

94 100

65 27.8 20.9 31.3

66 35.1 27.2 40.8



#45

Dimethylphthalate

Concen: 4.004 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM022823.D

Acq: 30 Sep 2019 13:51

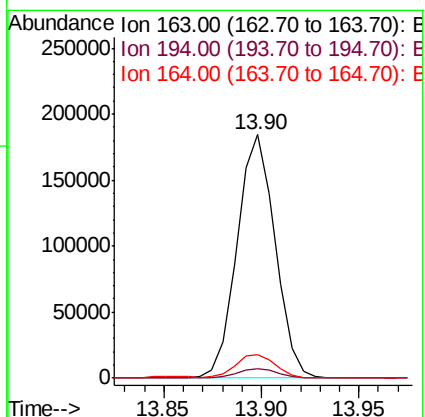
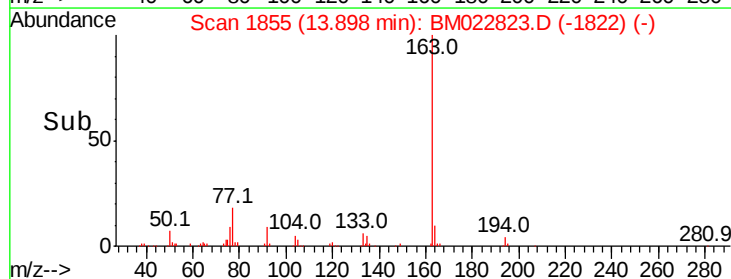
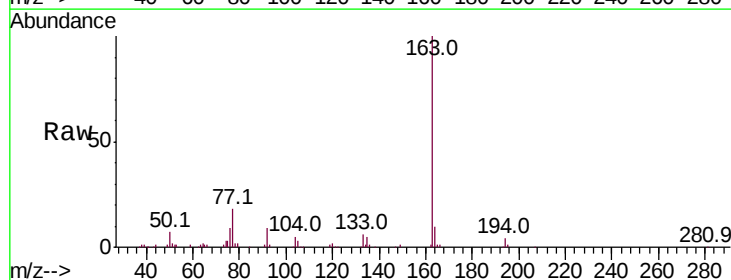
Tgt Ion:163 Resp: 248893

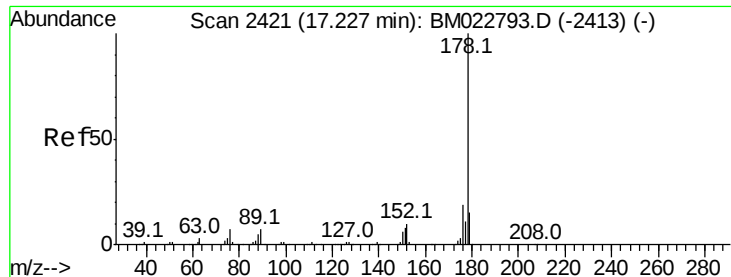
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 9.8 8.1 12.1

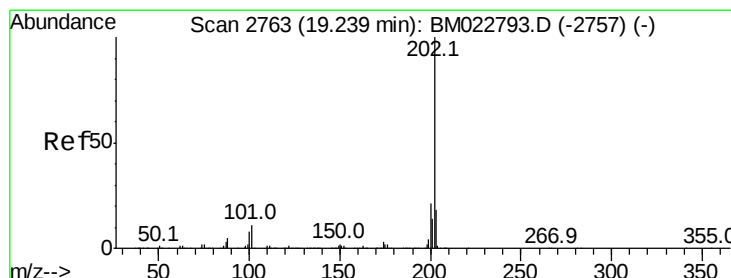
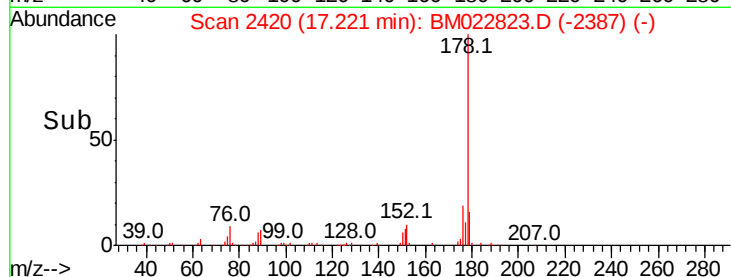
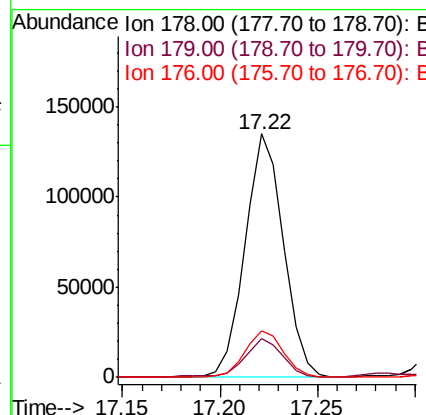
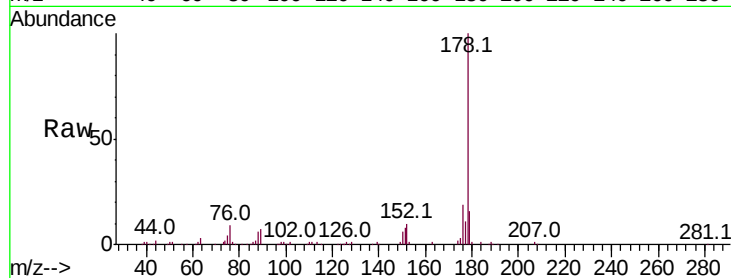




#70
Phenanthrene
Concen: 1.893 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

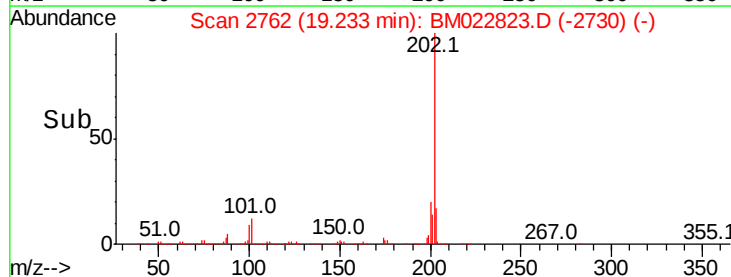
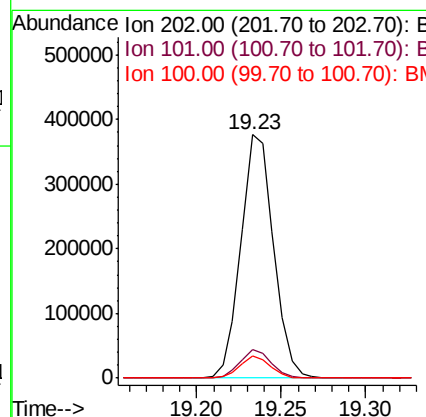
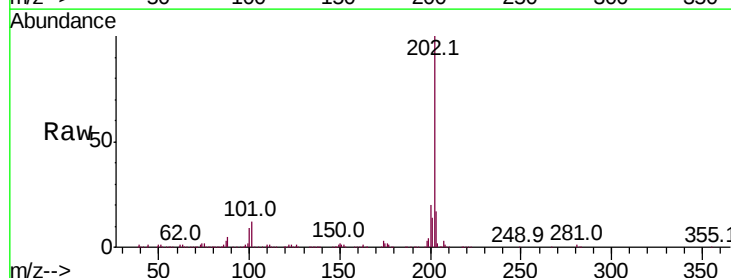
Instrument :
BNA_M
ClientSampleId :

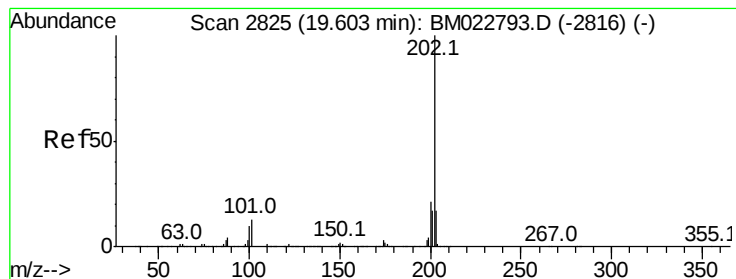
Tot Ion:178 Resp: 183653
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.0 15.3 22.9



#77
Fluoranthene
Concen: 4.657 ng/ul
RT: 19.23 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

Tgt Ion:202 Resp: 508194
Ion Ratio Lower Upper
202 100
101 11.7 8.6 12.8
100 9.0 6.4 9.6





#80

Pvrene

Concen: 3.792 ng/ul

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM022823.D

Acq: 30 Sep 2019 13:51

Instrument :

BNA_M

ClientSampleId :

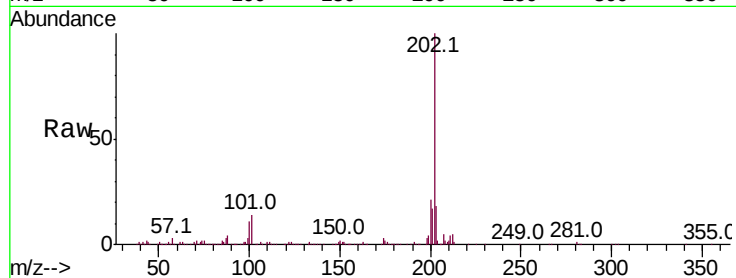
Tot Ion:202 Resp: 416699

Ion Ratio Lower Upper

202 100

101 13.7 9.7 14.5

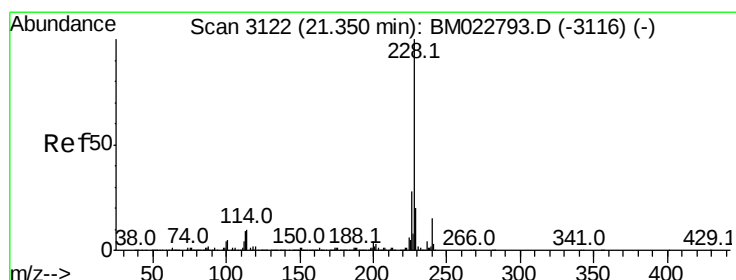
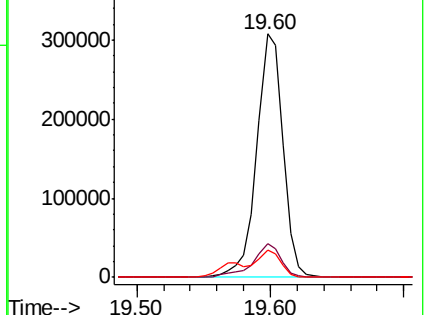
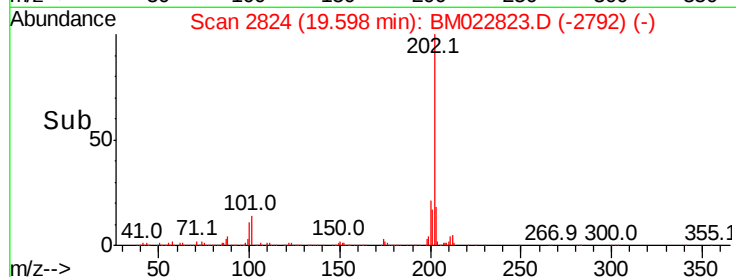
100 11.3 7.8 11.8



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



#83

Benzo(a)anthracene

Concen: 1.571 ng/ul

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM022823.D

Acq: 30 Sep 2019 13:51

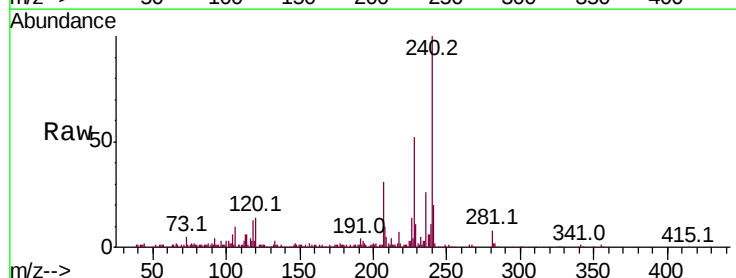
Tgt Ion:228 Resp: 174881

Ion Ratio Lower Upper

228 100

229 20.6 15.8 23.8

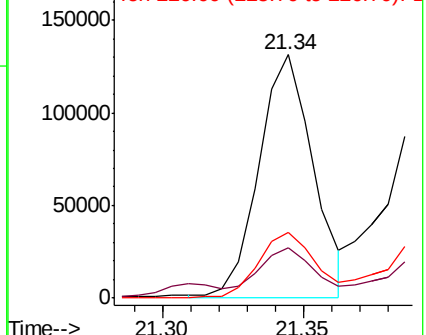
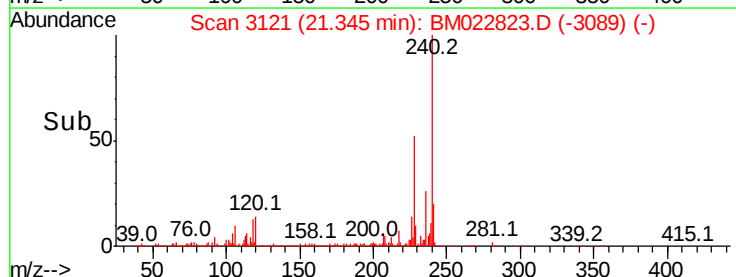
226 26.8 22.4 33.6

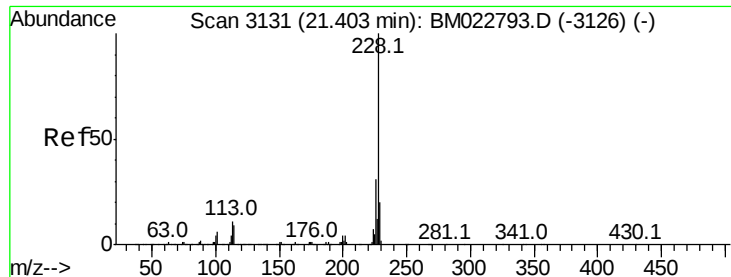


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 2.056 ng/ul

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM022823.D

Acq: 30 Sep 2019 13:51

Instrument :

BNA_M

ClientSampleId :

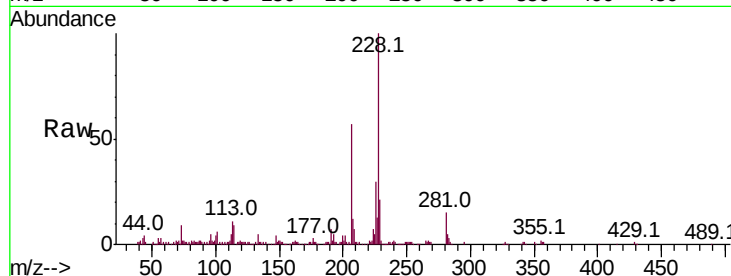
Tot Ion:228 Resp: 210982

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

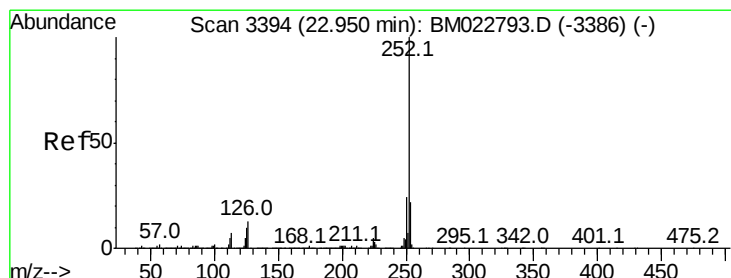
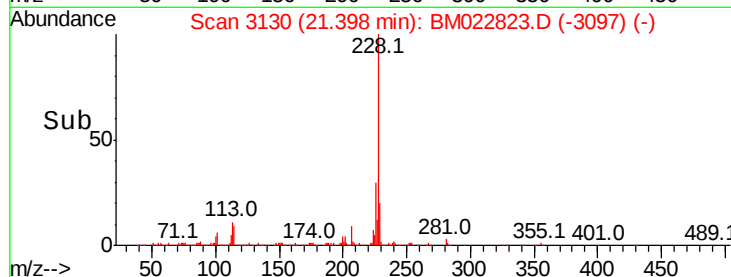
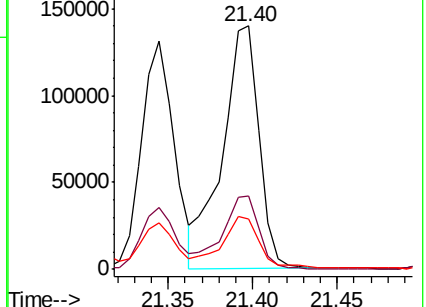
229 20.6 15.9 23.9



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: 2.914 ng/ul

RT: 22.94 min Scan# 3393

Delta R.T. -0.01 min

Lab File: BM022823.D

Acq: 30 Sep 2019 13:51

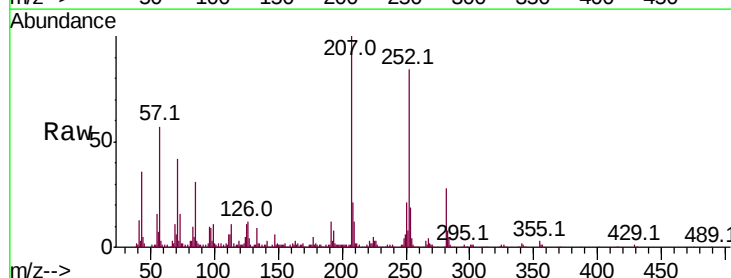
Tgt Ion:252 Resp: 259009

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

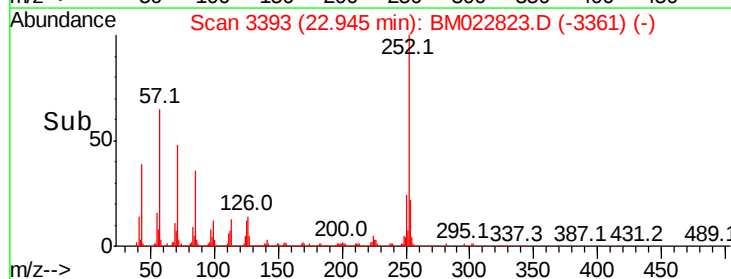
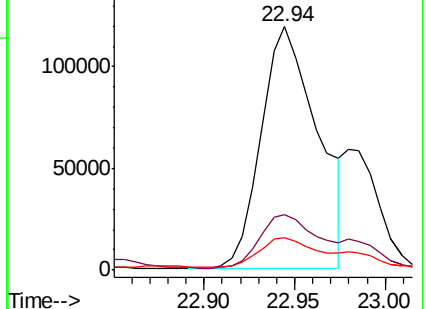
125 13.3 8.2 12.2#

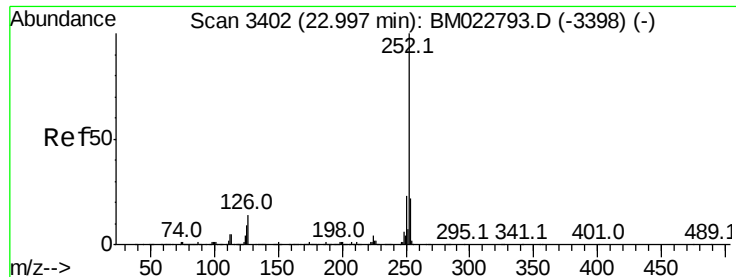


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.046 ng/ul

RT: 22.94 min Scan# 3393

Delta R.T. -0.06 min

Lab File: BM022823.D

Acq: 30 Sep 2019 13:51

Instrument :

BNA_M

ClientSampleId :

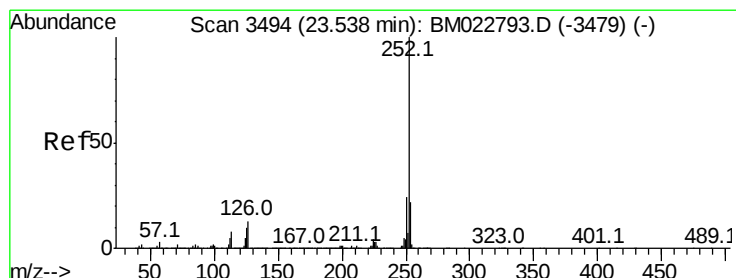
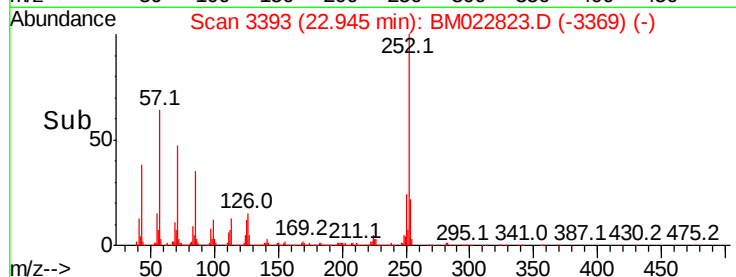
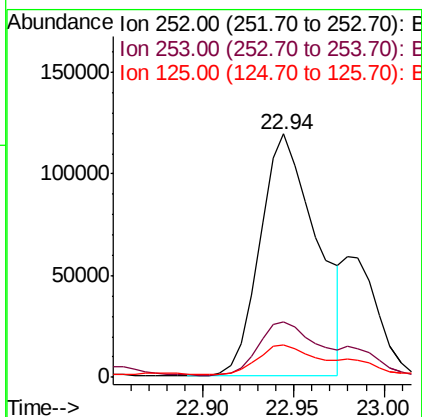
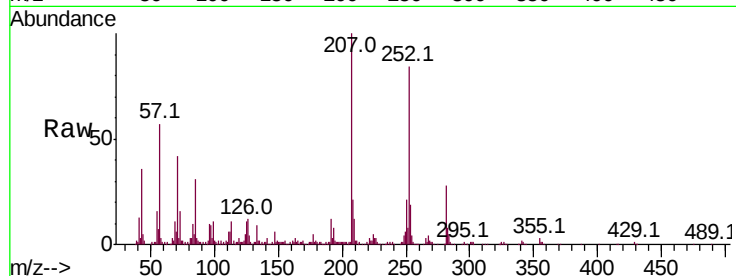
Tot Ion:252 Resp: 259009

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 13.3 7.9 11.9#



#91

Benzo(a)pyrene

Concen: 1.833 ng/ul

RT: 23.53 min Scan# 3492

Delta R.T. -0.02 min

Lab File: BM022823.D

Acq: 30 Sep 2019 13:51

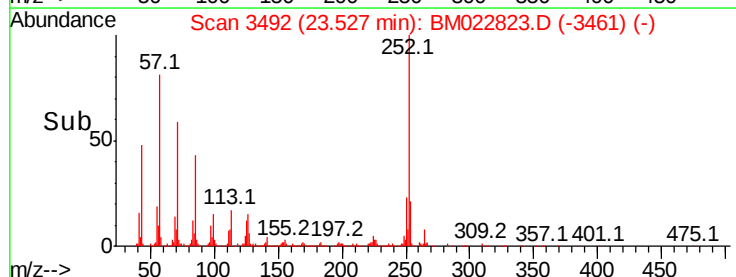
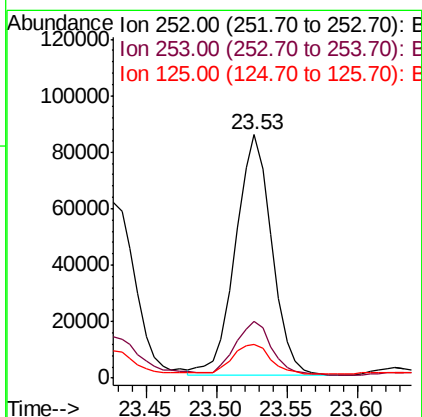
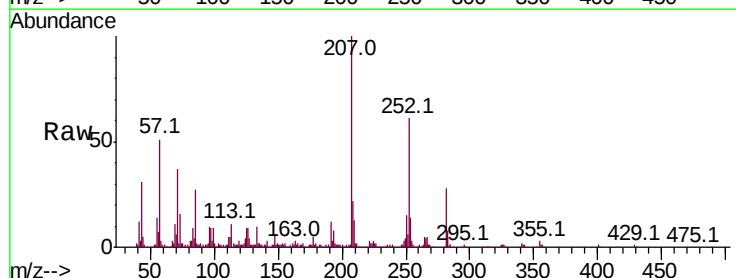
Tgt Ion:252 Resp: 152870

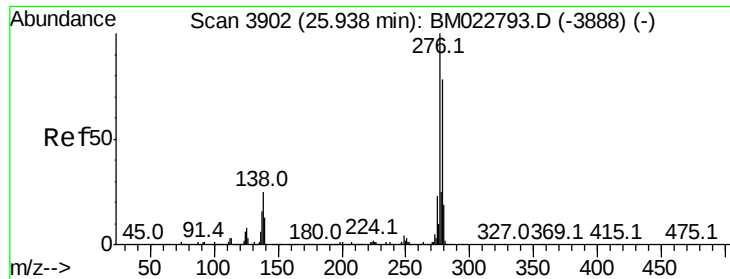
Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

125 14.1 8.7 13.1#



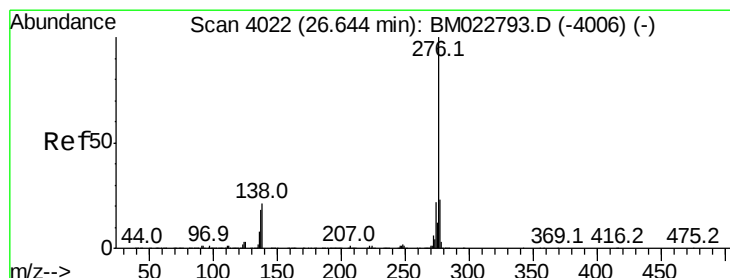
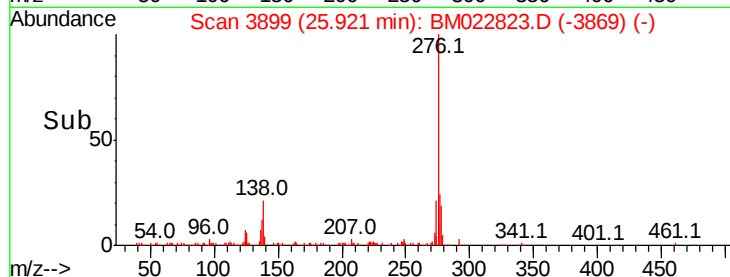
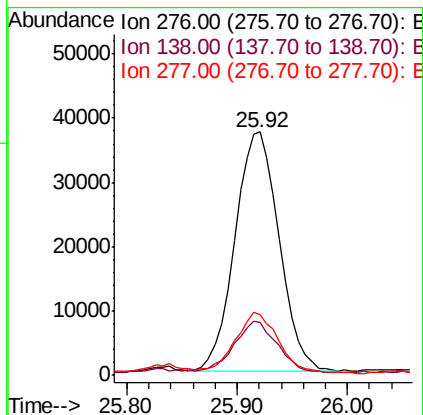
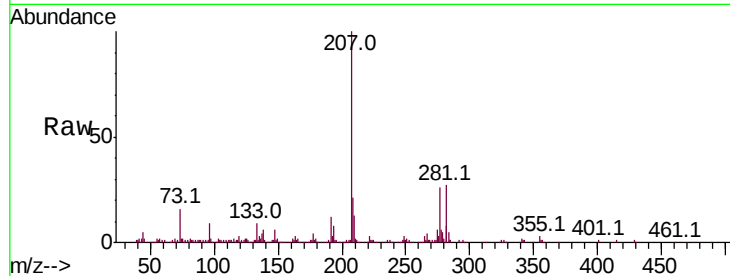


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.184 ng/ul
RT: 25.92 min Scan# 3899
Delta R.T. -0.02 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	19.8	29.8
277	24.8	20.3	30.5



#94

Benzo(g,h,i)perylene
Concen: 1.507 ng/ul
RT: 26.62 min Scan# 4018
Delta R.T. -0.03 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.6	26.4
277	23.6	19.1	28.7

