

Data File : BM023865.D
Acq On : 22 Nov 2019 18:58
Operator : JU
Sample : K5784-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNB0

Quant Time: Nov 23 04:26:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 04:23:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	355188	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	1465040	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	906577	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	1931439	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1824324	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	2222751	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	23545	2.73	ng/uL	0.01
5) Phenol-d5	6.70	99	529062	16.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	303725	16.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	429067	18.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	389227	15.07	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	204051	19.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	235331	21.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	423696	16.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	379655	13.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1276784	18.06	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1550664	19.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	125613	10.41	ng/ul	0.01
58) Fluorene-d10	15.17	176	1157644	18.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	115489	10.34	ng/ul	0.00
71) Anthracene-d10	17.02	188	1737158	18.96	ng/ul	0.00
79) Pyrene-d10	19.33	212	1904185	20.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	2227691	19.05	ng/ul	0.00

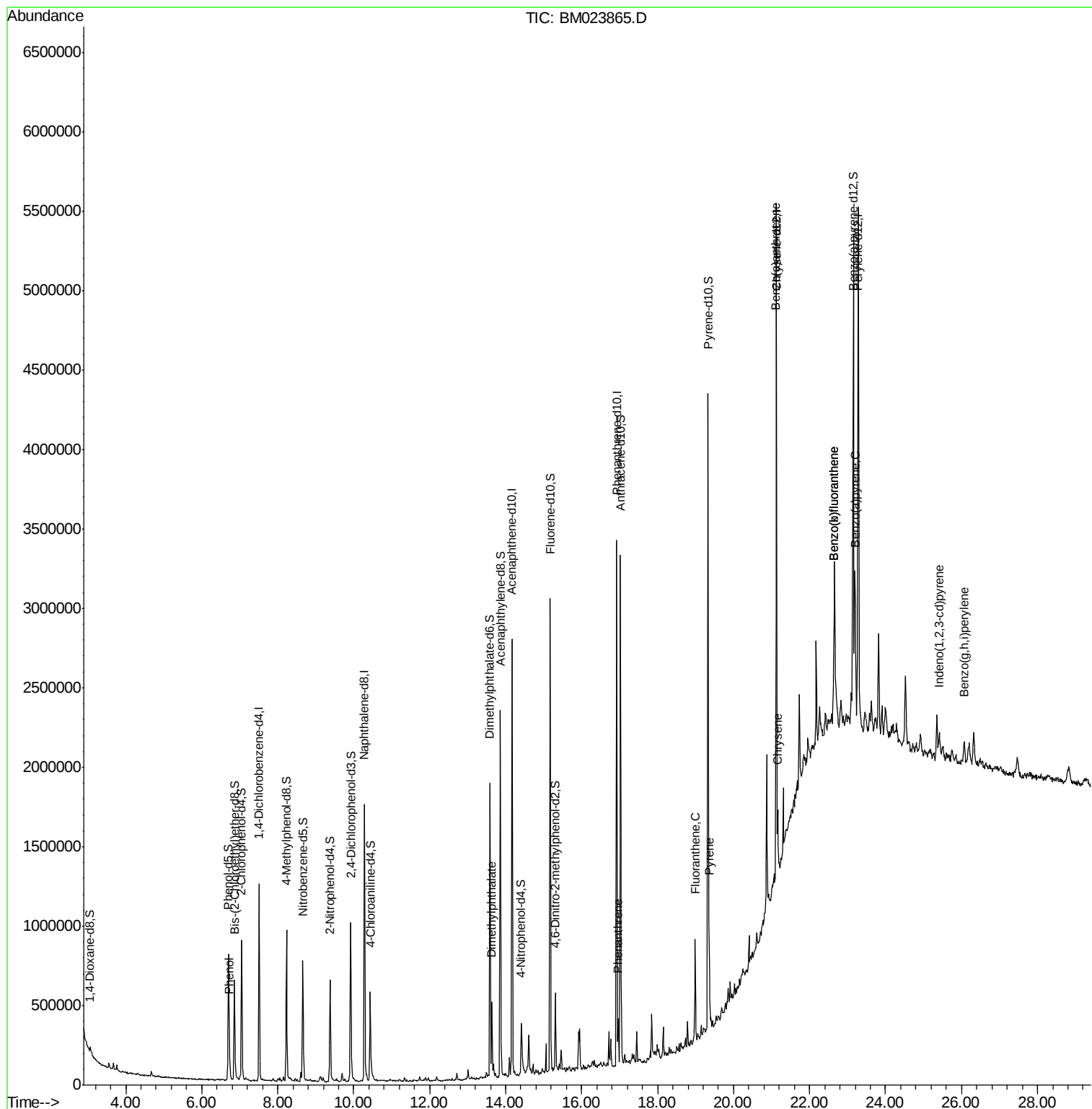
Target Compounds				Qvalue		
6) Phenol	6.73	94	78063	2.340	ng/ul	96
45) Dimethylphthalate	13.64	163	312342	4.508	ng/ul	99
70) Phenanthrene	16.96	178	161099	1.514	ng/ul	99
77) Fluoranthene	18.99	202	378789	3.323	ng/ul	95
80) Pyrene	19.36	202	380381	3.226	ng/ul	97
83) Benzo(a)anthracene	21.12	228	202174	1.680	ng/ul#	91
85) Chrysene	21.16	228	198112	1.749	ng/ul#	95
88) Benzo(b)fluoranthene	22.64	252	270334	1.908	ng/ul#	70
89) Benzo(k)fluoranthene	22.64	252	270334	1.980	ng/ul#	68
91) Benzo(a)pyrene	23.19	252	195142	1.504	ng/ul#	84
92) Indeno(1,2,3-cd)pyrene	25.42	276	141544	1.020	ng/ul	98
94) Benzo(g,h,i)perylene	26.07	276	146616	1.304	ng/ul#	90

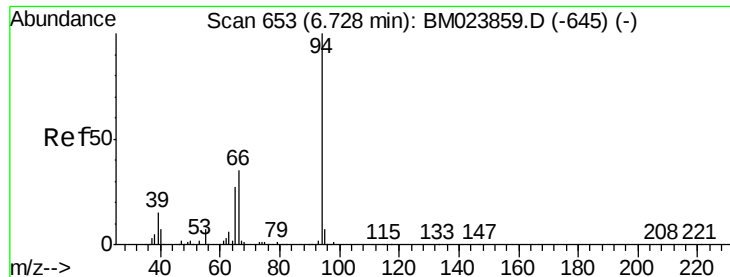
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.340 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM023865.D

Acq: 22 Nov 2019 18:58

Instrument :

BNA_M

ClientSampleId :

JLNB0

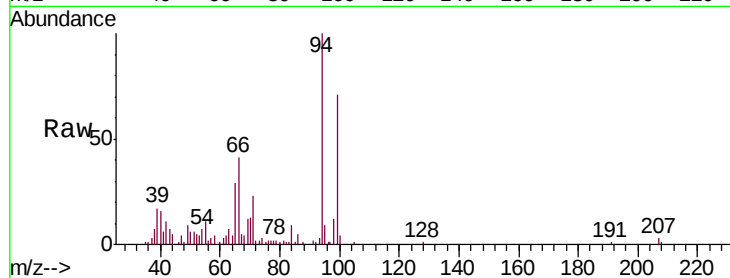
Tgt Ion: 94 Resp: 78063

Ion Ratio Lower Upper

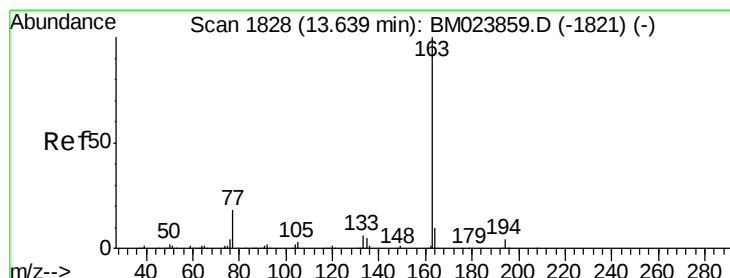
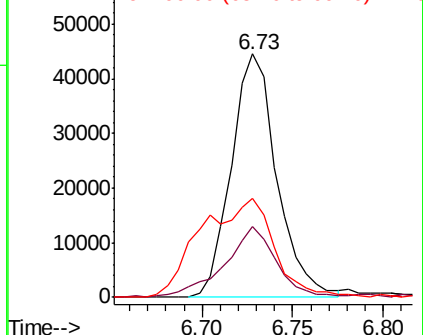
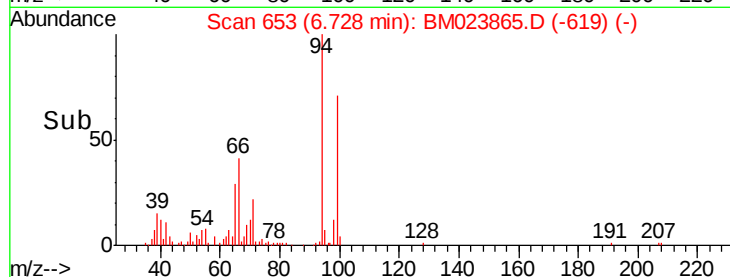
94 100

65 29.1 21.4 32.2

66 40.6 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM023865.D (-619) (-)



#45

Dimethylphthalate

Concen: 4.508 ng/ul

RT: 13.64 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BM023865.D

Acq: 22 Nov 2019 18:58

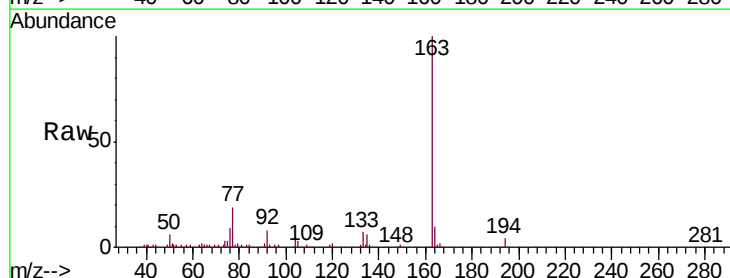
Tgt Ion: 163 Resp: 312342

Ion Ratio Lower Upper

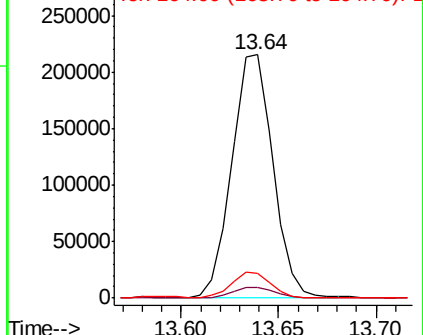
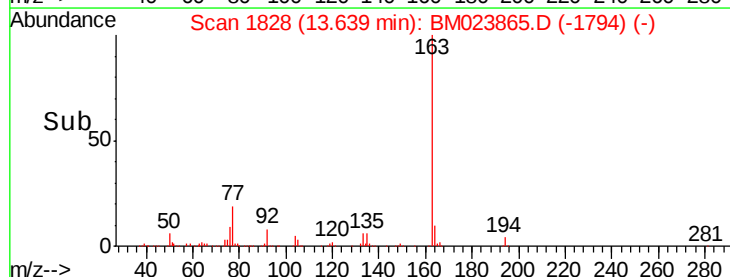
163 100

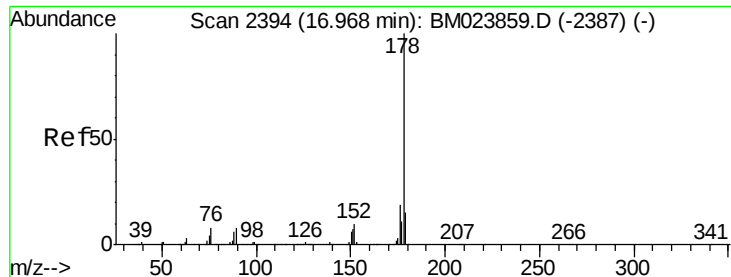
194 4.4 3.4 5.2

164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): BM023865.D (-1794) (-)





#70

Phenanthrene

Concen: 1.514 ng/ul

RT: 16.96 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM023865.D

Acq: 22 Nov 2019 18:58

Instrument :

BNA_M

ClientSampleId :

JLNB0

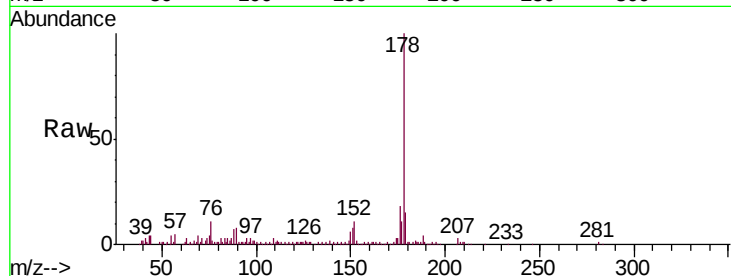
Tgt Ion:178 Resp: 161099

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

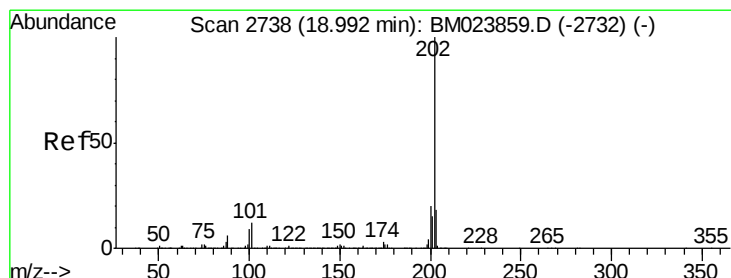
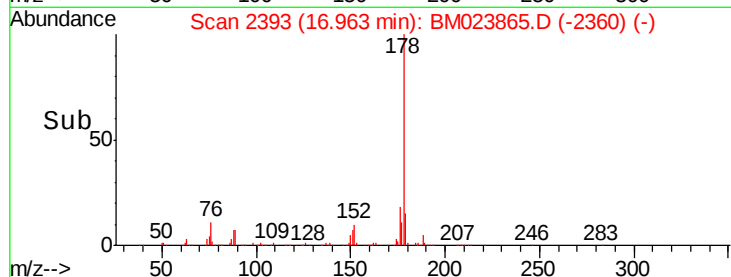
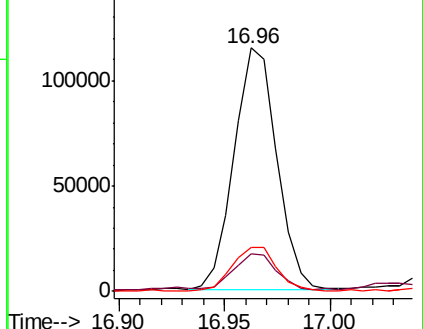
176 18.1 15.0 22.6



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



#77

Fluoranthene

Concen: 3.323 ng/ul

RT: 18.99 min Scan# 2738

Delta R.T. 0.00 min

Lab File: BM023865.D

Acq: 22 Nov 2019 18:58

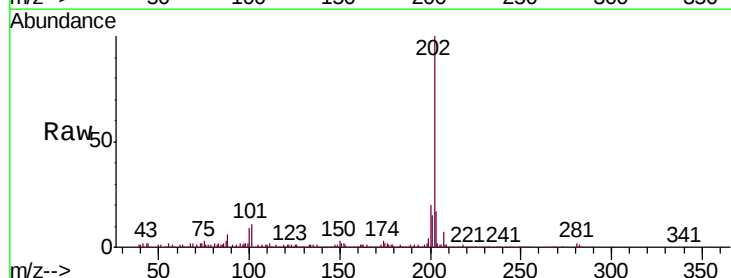
Tgt Ion:202 Resp: 378789

Ion Ratio Lower Upper

202 100

101 11.5 7.7 11.5

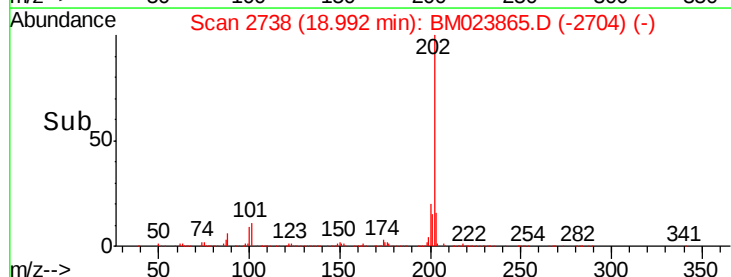
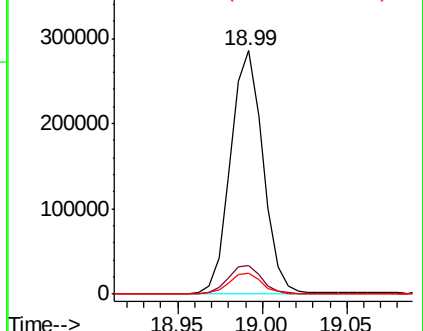
100 8.8 6.0 9.0

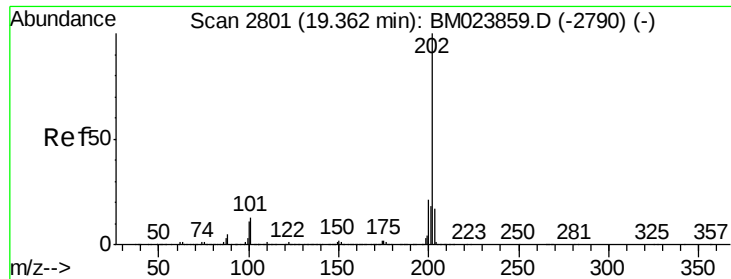


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

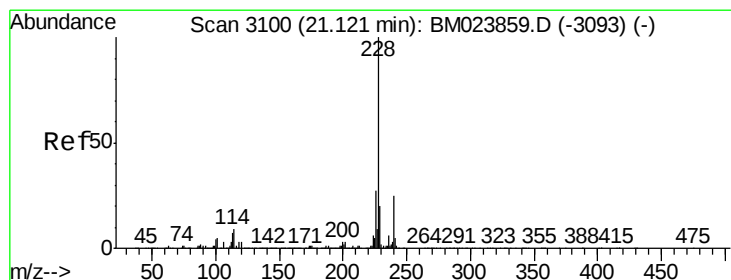
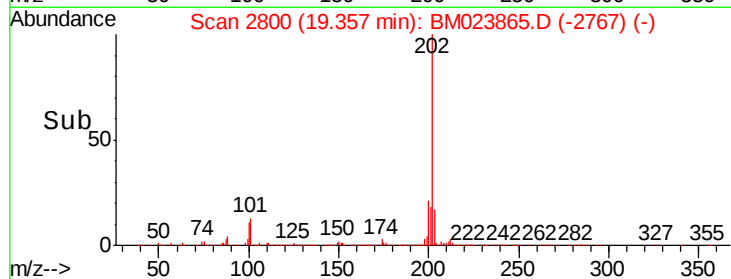
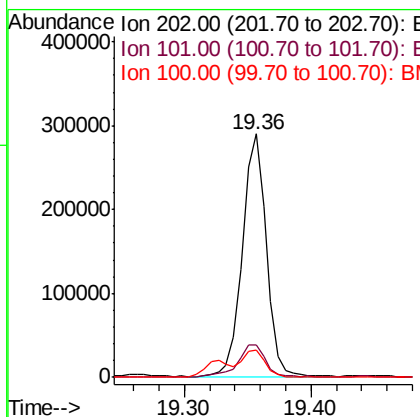
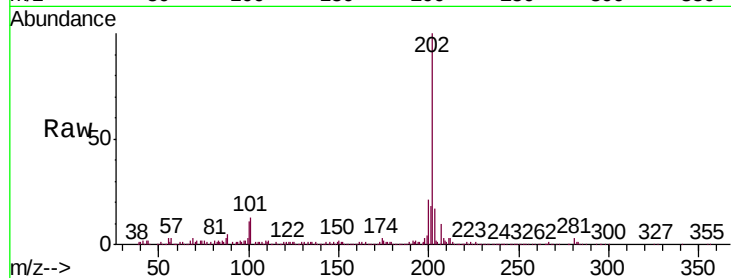




#80
 Pyrene
 Concen: 3.226 ng/ul
 RT: 19.36 min Scan# 2800
 Delta R.T. -0.01 min
 Lab File: BM023865.D
 Acq: 22 Nov 2019 18:58

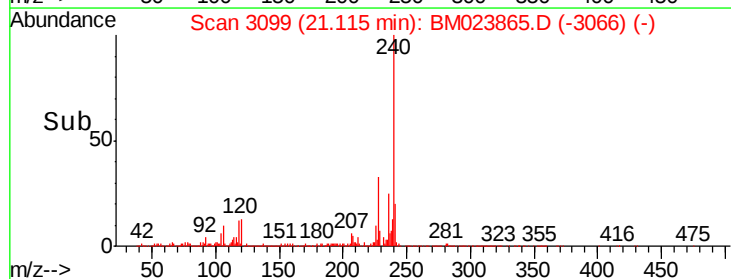
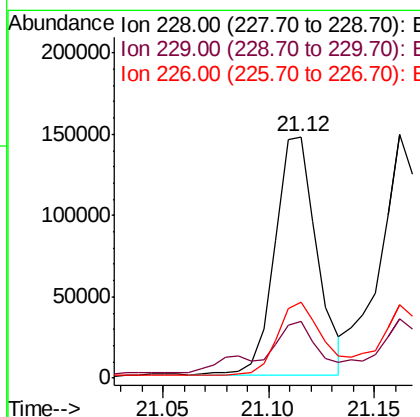
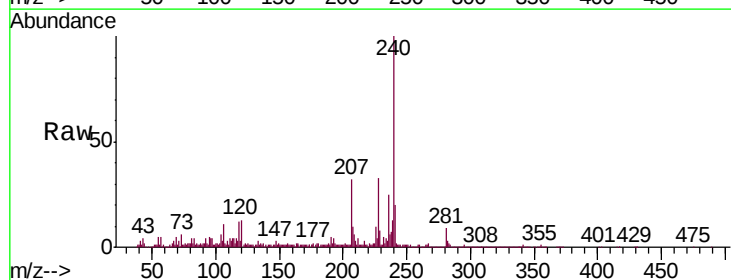
Instrument :
 BNA_M
 ClientSampleId :
 JLNBO

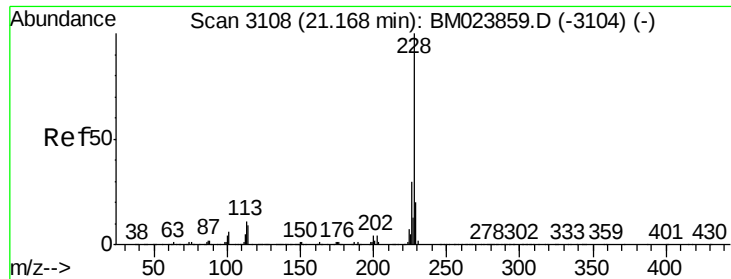
Tgt Ion:	202	Resp:	380381
Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.8	14.6
100	11.1	8.1	12.1



#83
 Benzo(a)anthracene
 Concen: 1.680 ng/ul
 RT: 21.12 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM023865.D
 Acq: 22 Nov 2019 18:58

Tgt Ion:	228	Resp:	202174
Ion	Ratio	Lower	Upper
228	100		
229	23.7	15.6	23.4#
226	31.7	21.4	32.2





#85

Chrysene

Concen: 1.749 ng/ul

RT: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM023865.D

Acq: 22 Nov 2019 18:58

Instrument :

BNA_M

ClientSampleId :

JLNB0

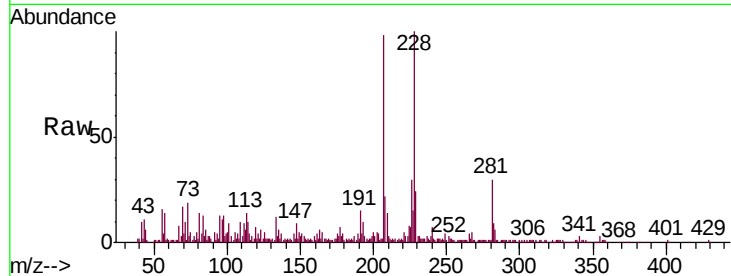
Tgt Ion:228 Resp: 198112

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

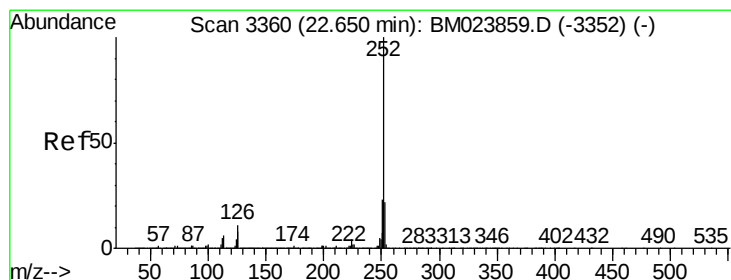
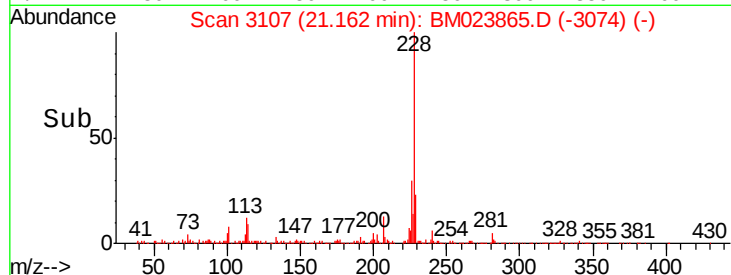
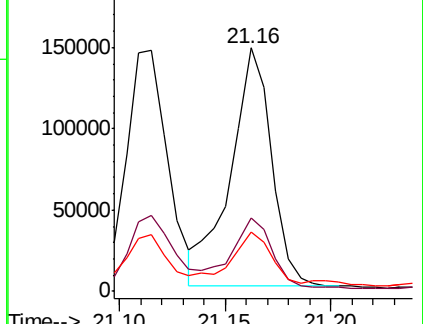
229 24.3 15.8 23.6#



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: 1.908 ng/ul

RT: 22.64 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BM023865.D

Acq: 22 Nov 2019 18:58

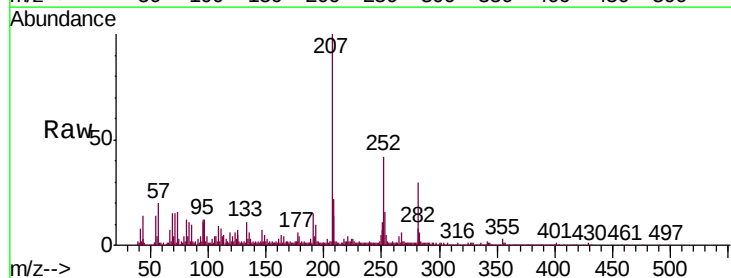
Tgt Ion:252 Resp: 270334

Ion Ratio Lower Upper

252 100

253 37.2 17.8 26.8#

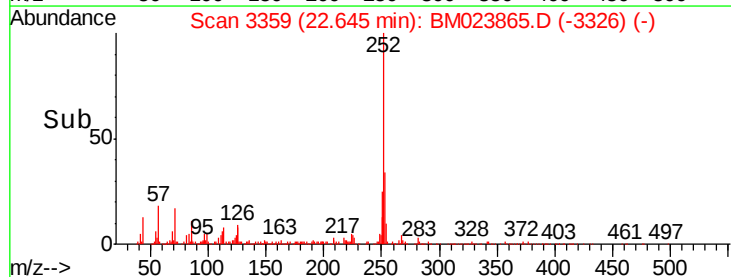
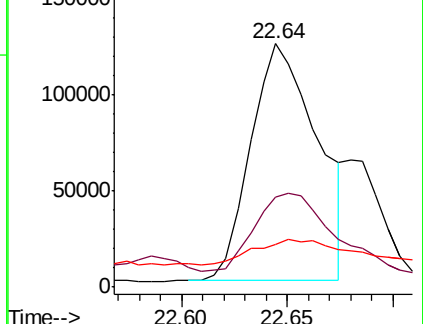
125 17.5 6.5 9.7#

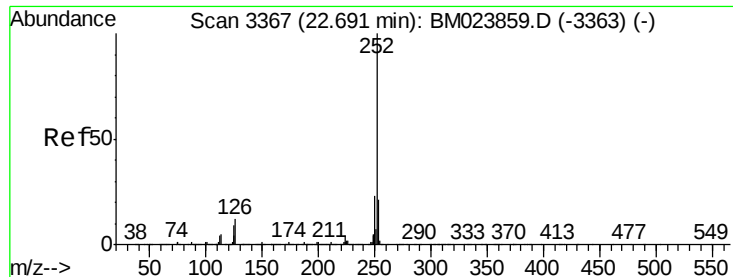


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.980 ng/ul

RT: 22.64 min Scan# 3359

Delta R.T. -0.05 min

Lab File: BM023865.D

Acq: 22 Nov 2019 18:58

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ClientSampleId :

JLNB0

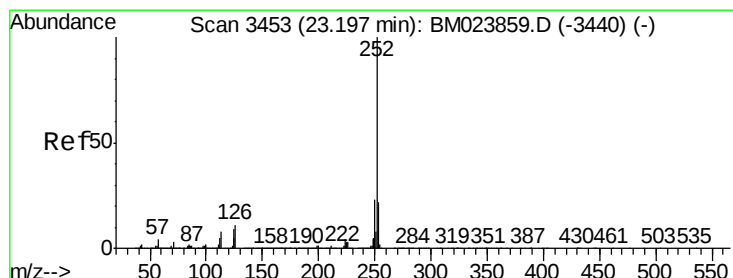
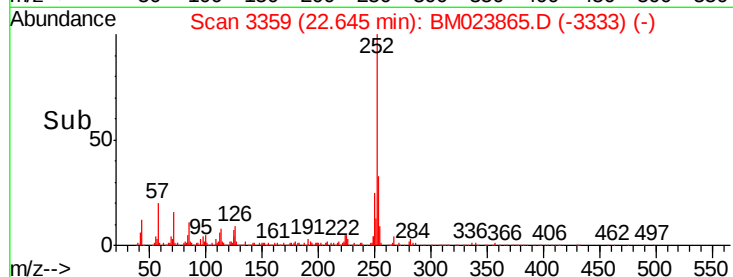
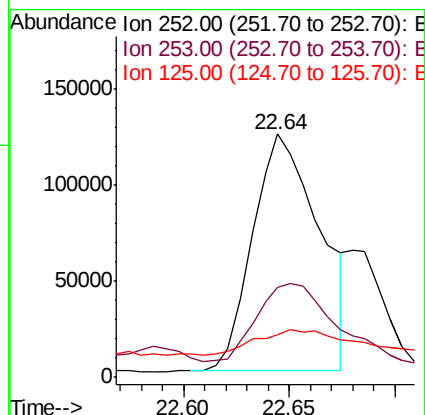
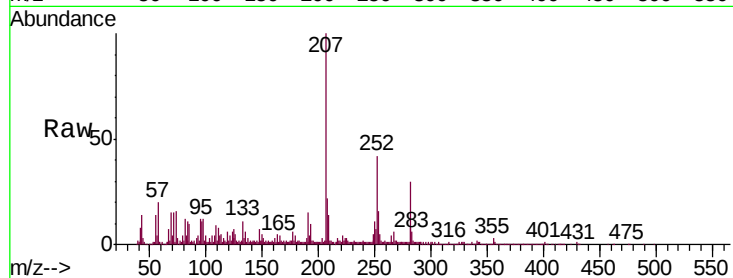
Tgt Ion:252 Resp: 270334

Ion Ratio Lower Upper

252 100

253 37.2 17.2 25.8#

125 17.5 5.9 8.9#



#91

Benzo(a)pyrene

Concen: 1.504 ng/ul

RT: 23.19 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BM023865.D

Acq: 22 Nov 2019 18:58

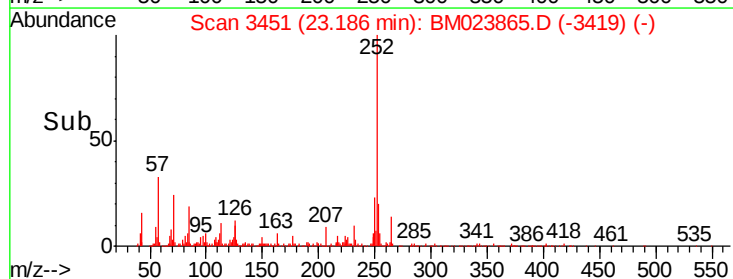
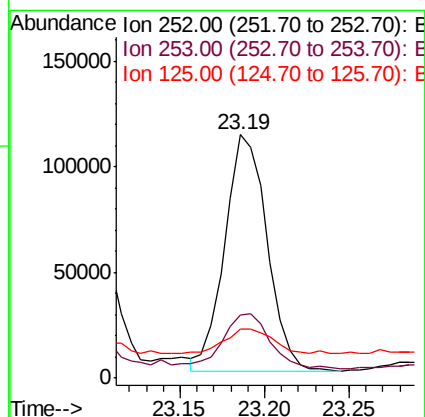
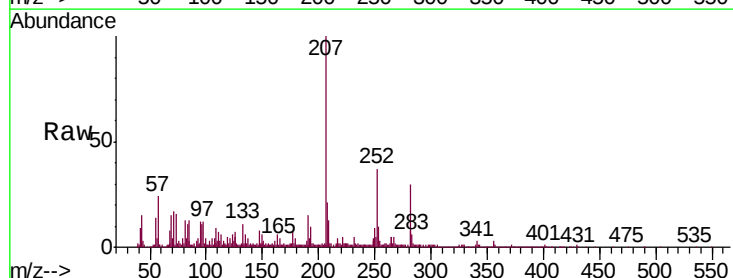
Tgt Ion:252 Resp: 195142

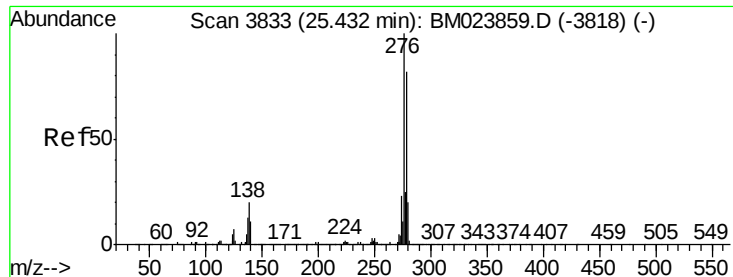
Ion Ratio Lower Upper

252 100

253 26.1 17.3 25.9#

125 20.0 6.9 10.3#



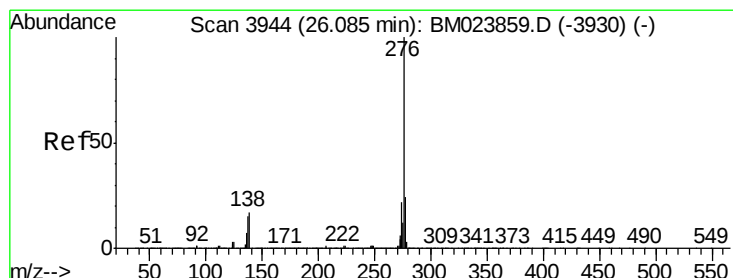
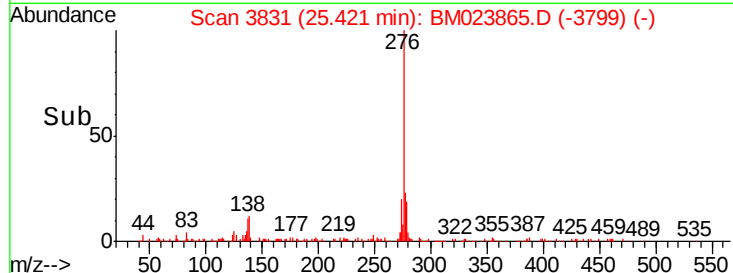
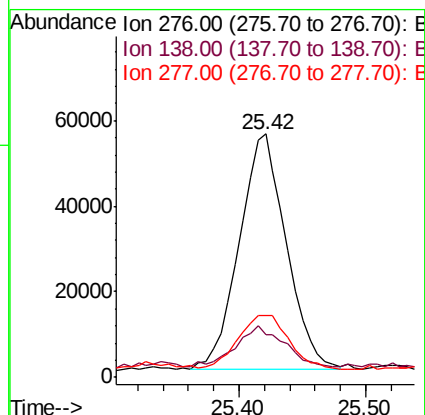
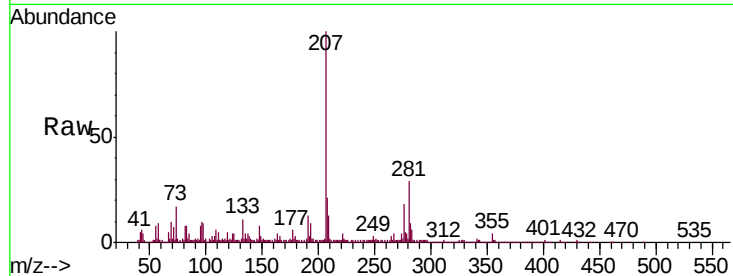


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.020 ng/ul
RT: 25.42 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BM023865.D
Acq: 22 Nov 2019 18:58

Instrument :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	15.0	22.4
277	25.7	20.0	30.0



#94

Benzo(g,h,i)perylene
Concen: 1.304 ng/ul
RT: 26.07 min Scan# 3941
Delta R.T. -0.02 min
Lab File: BM023865.D
Acq: 22 Nov 2019 18:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	13.2	19.8#
277	27.8	18.6	28.0

