

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
 Data File : BM021200.D
 Acq On : 26 Jun 2019 20:06
 Operator : HP/JU
 Sample : K3501-02
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AC2

Quant Time: Jun 27 00:45:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 00:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	235957	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1077013	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	725876	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1731974	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1315133	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1253163	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	15905	3.20	ng/uL	0.00
5) Phenol-d5	6.93	99	371679	18.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	220785	18.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	308052	18.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	327121	19.08	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	169650	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	197636	20.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	400561	20.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	391814	19.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1433325	21.85	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1622793	20.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	163857	15.36	ng/ul	0.00
57) Fluorene-d10	15.40	176	1251315	21.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	165436	15.54	ng/ul	0.00
70) Anthracene-d10	17.25	188	1963507	21.82	ng/ul	0.00
78) Pyrene-d10	19.55	212	2044037	25.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1590532	21.51	ng/ul	-0.01

Target Compounds

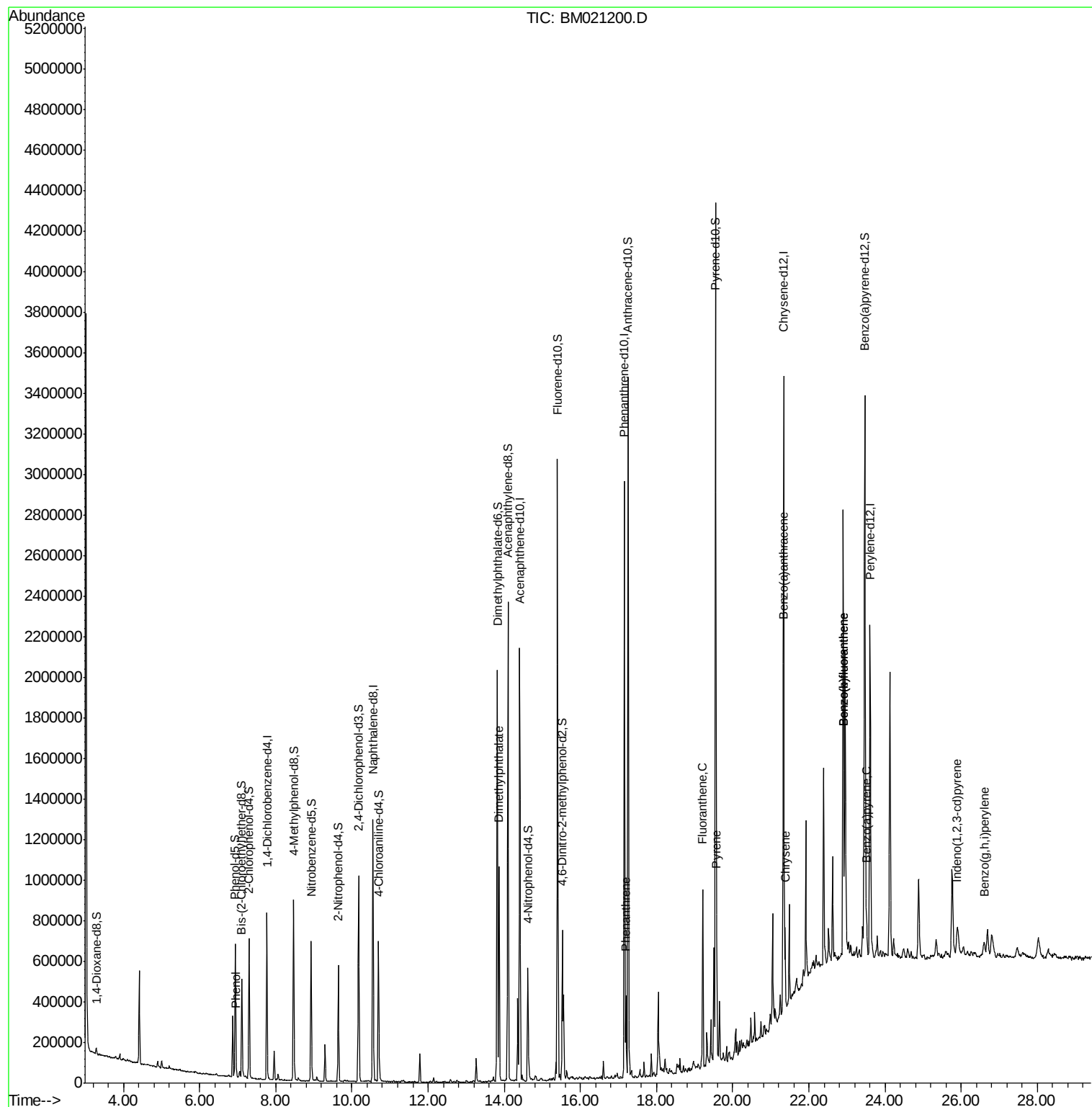
					Qvalue	
6) Phenol	6.96	94	25668	1.321	ng/ul	96
44) Dimethylphthalate	13.87	163	712653	11.936	ng/ul	99
69) Phenanthrene	17.20	178	240940	2.515	ng/ul	99
76) Fluoranthene	19.21	202	508270	4.911	ng/ul	98
79) Pyrene	19.57	202	404486	4.350	ng/ul	99
82) Benzo(a)anthracene	21.32	228	204959	2.286	ng/ul	99
84) Chrysene	21.37	228	214253	2.551	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	279686	3.523	ng/ul#	94
88) Benzo(k)fluoranthene	22.92	252	279686	3.662	ng/ul#	94
90) Benzo(a)pyrene	23.51	252	158879	2.126	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.90	276	120739	1.372	ng/ul	97
93) Benzo(g,h,i)perylene	26.60	276	100294	1.384	ng/ul	99

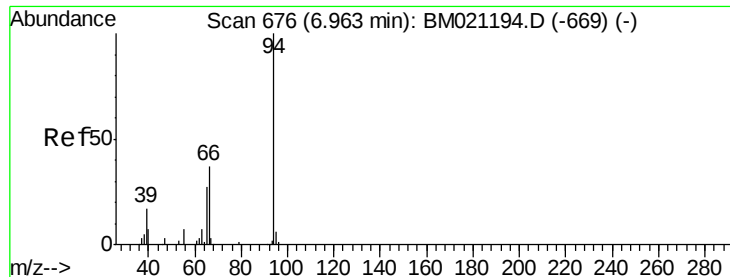
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 00:42:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.321 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM021200.D

Acq: 26 Jun 2019 20:06

Instrument :

BNA_M

ClientSampleId :

C5AC2

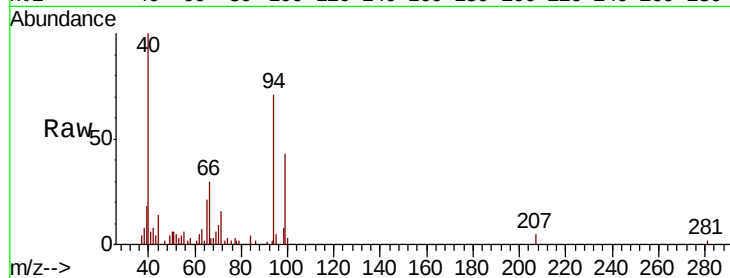
Tgt Ion: 94 Resp: 25668

Ion Ratio Lower Upper

94 100

65 29.2 22.6 34.0

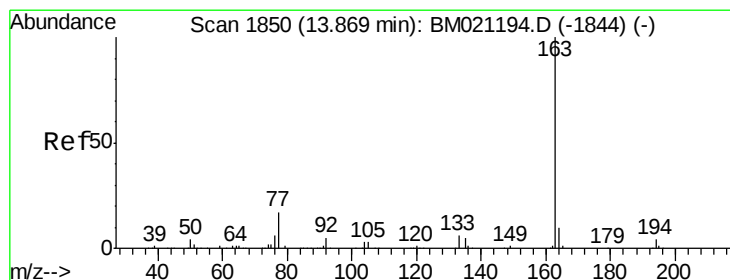
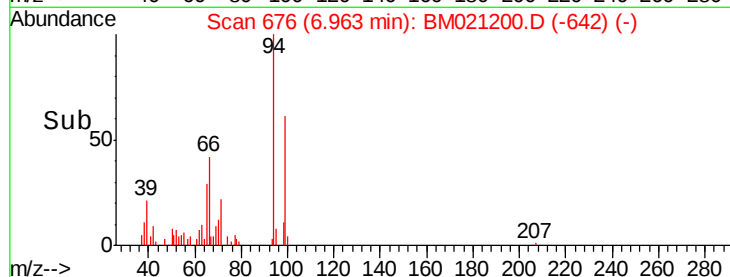
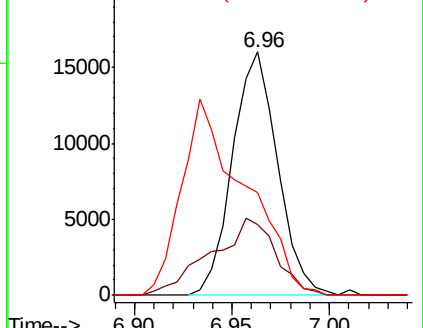
66 42.4 31.2 46.8



Abundance Ion 94.00 (93.70 to 94.70): BM021194.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM021194.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM021194.D (-669) (-)



#44

Dimethylphthalate

Concen: 11.936 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM021200.D

Acq: 26 Jun 2019 20:06

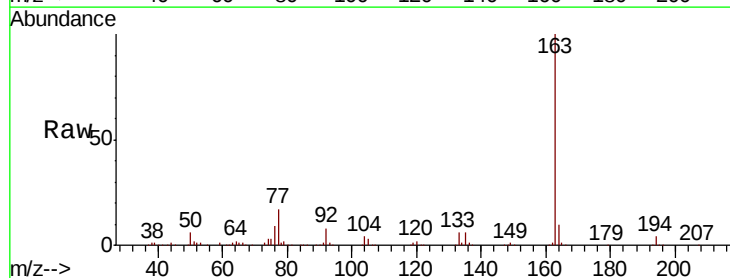
Tgt Ion: 163 Resp: 712653

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

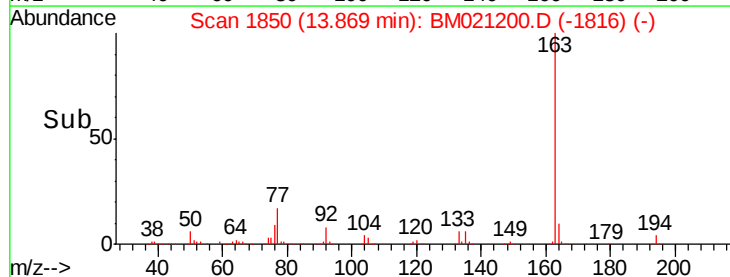
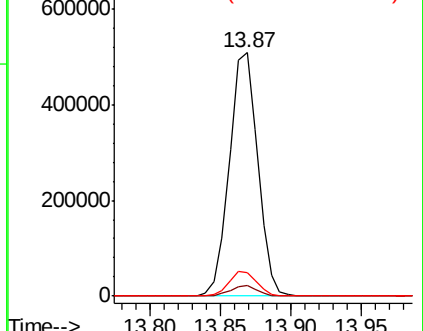
164 9.9 7.7 11.5

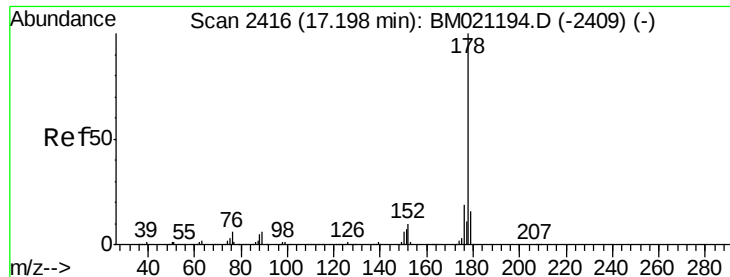


Abundance Ion 163.00 (162.70 to 163.70): BM021194.D (-1844) (-)

Ion 194.00 (193.70 to 194.70): BM021194.D (-1844) (-)

Ion 164.00 (163.70 to 164.70): BM021194.D (-1844) (-)





#69

Phenanthrene

Concen: 2.515 ng/ul

RT: 17.20 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BM021200.D

Acq: 26 Jun 2019 20:06

Instrument :

BNA_M

ClientSampleId :

C5AC2

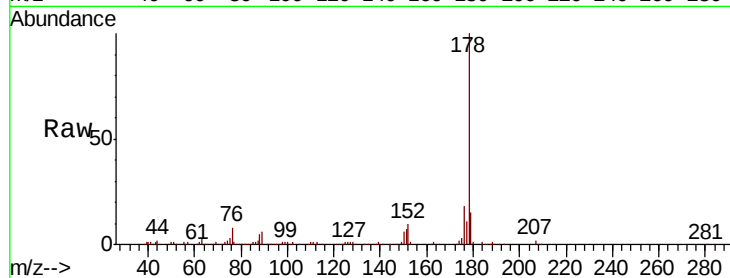
Tgt Ion:178 Resp: 240940

Ion Ratio Lower Upper

178 100

179 14.7 11.8 17.8

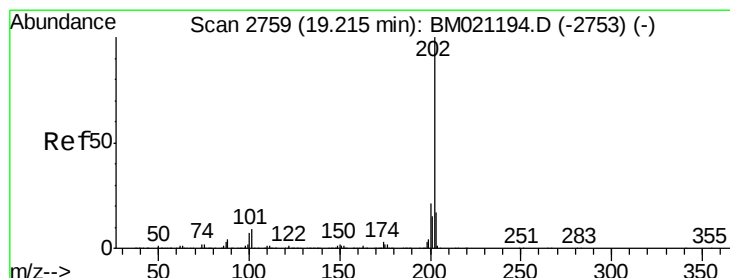
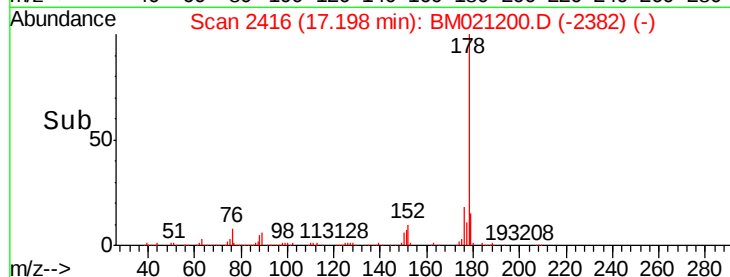
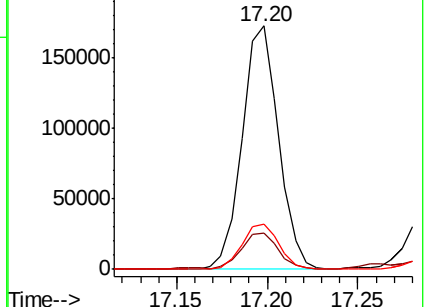
176 18.4 15.0 22.6



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



#76

Fluoranthene

Concen: 4.911 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BM021200.D

Acq: 26 Jun 2019 20:06

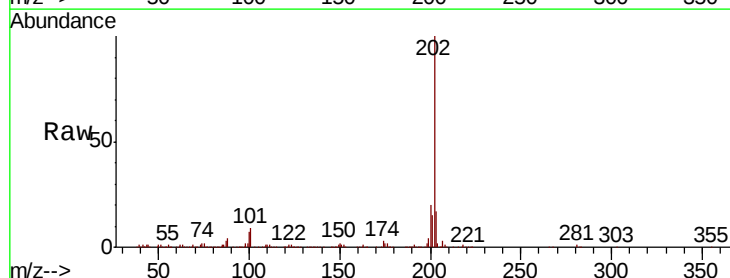
Tgt Ion:202 Resp: 508270

Ion Ratio Lower Upper

202 100

101 9.2 6.7 10.1

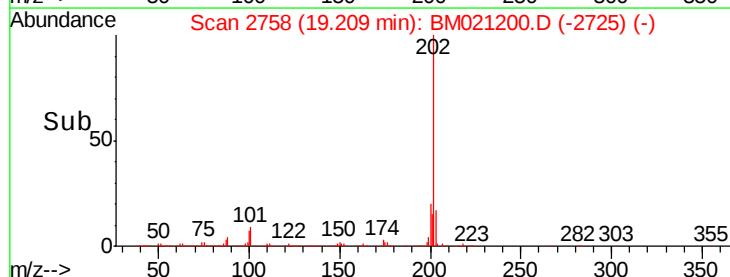
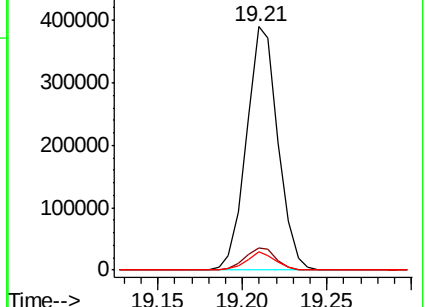
100 7.3 5.5 8.3

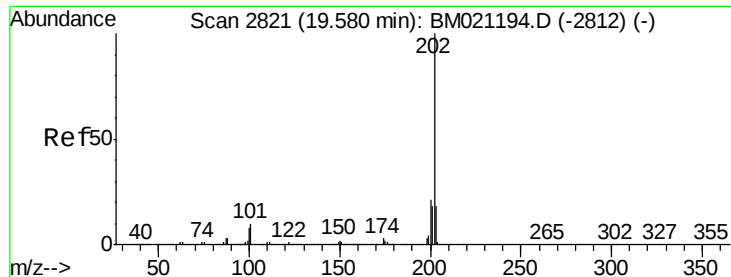


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

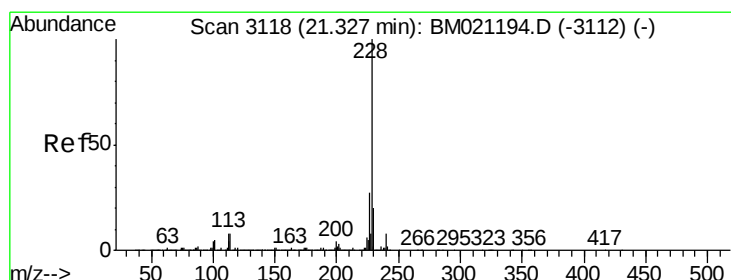
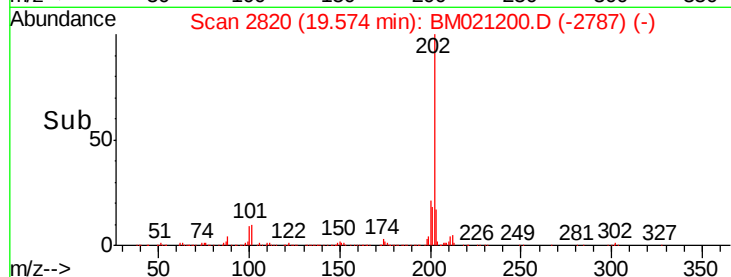
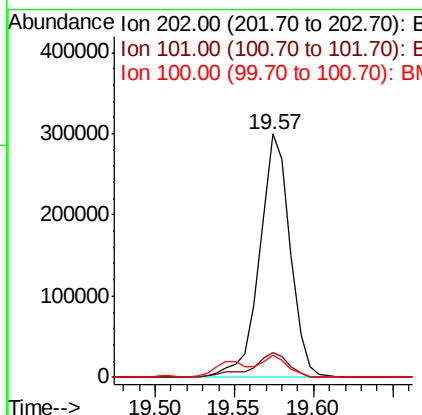
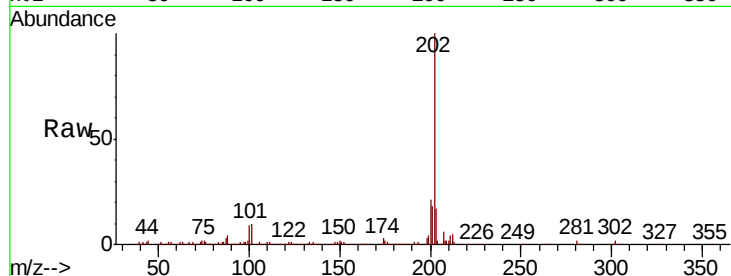




#79
 Pyrene
 Concen: 4.350 ng/ul
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BM021200.D
 Acq: 26 Jun 2019 20:06

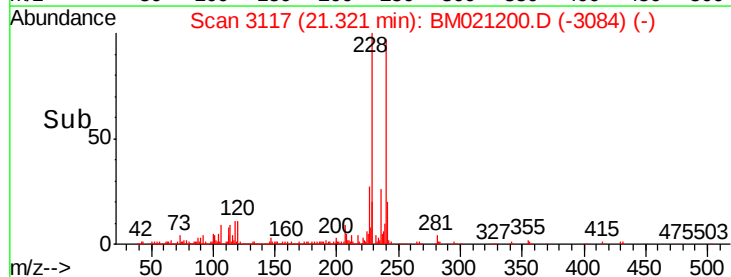
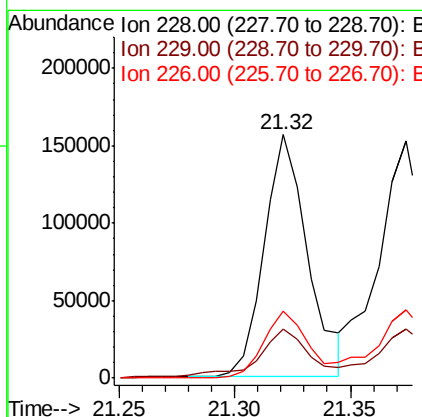
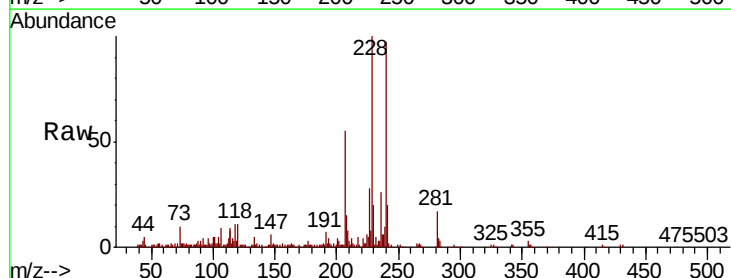
Instrument :
 BNA_M
 ClientSampleId :
 C5AC2

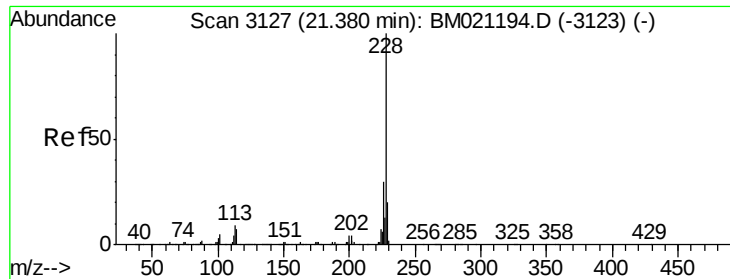
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	404486		
101	10.2		8.1	12.1
100	9.2		6.6	10.0



#82
 Benzo(a)anthracene
 Concen: 2.286 ng/ul
 RT: 21.32 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM021200.D
 Acq: 26 Jun 2019 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	204959		
229	20.2		15.8	23.8
226	27.6		21.4	32.2





#84

Chrysene

Concen: 2.551 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM021200.D

Acq: 26 Jun 2019 20:06

Instrument :

BNA_M

ClientSampleId :

C5AC2

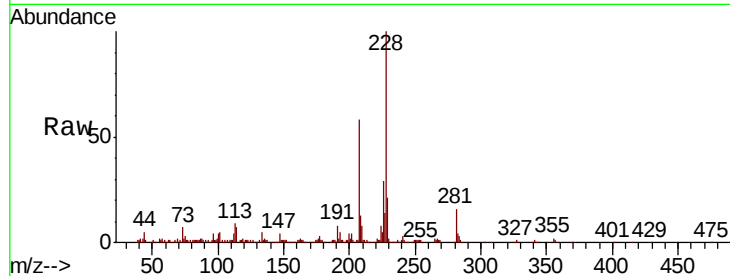
Tgt Ion:228 Resp: 214253

Ion Ratio Lower Upper

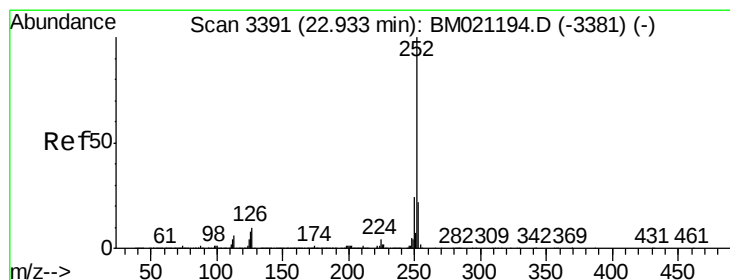
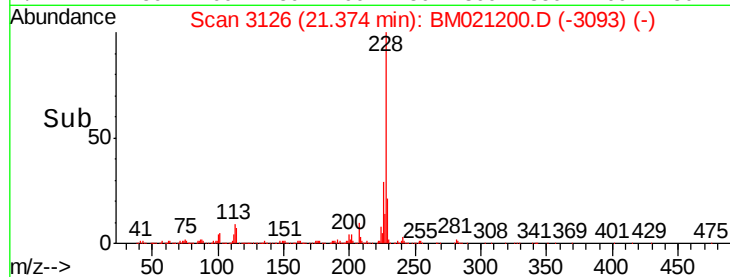
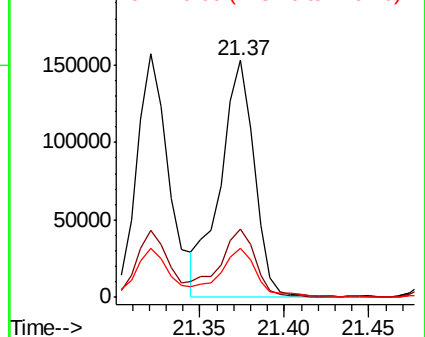
228 100

226 28.8 23.9 35.9

229 20.9 15.4 23.2



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



#87

Benzo(b)fluoranthene

Concen: 3.523 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021200.D

Acq: 26 Jun 2019 20:06

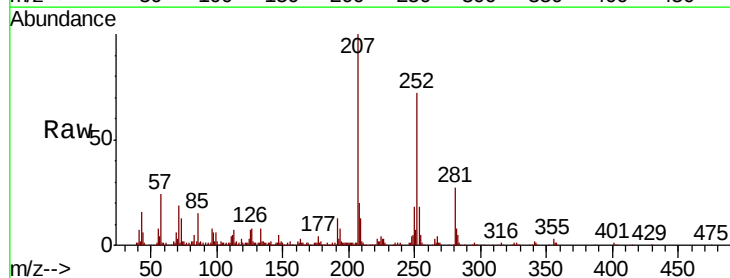
Tgt Ion:252 Resp: 279686

Ion Ratio Lower Upper

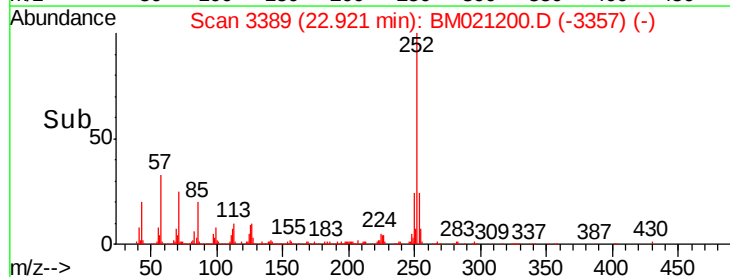
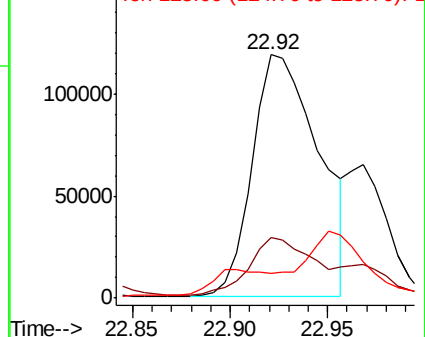
252 100

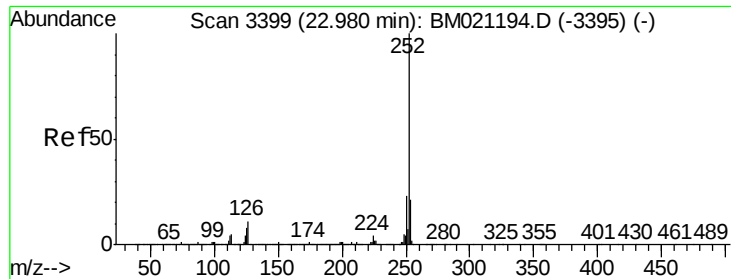
253 24.7 17.5 26.3

125 10.1 6.3 9.5#



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





#88

Benzo(k)fluoranthene

Concen: 3.662 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.06 min

Lab File: BM021200.D

Acq: 26 Jun 2019 20:06

Instrument :

BNA_M

ClientSampleId :

C5AC2

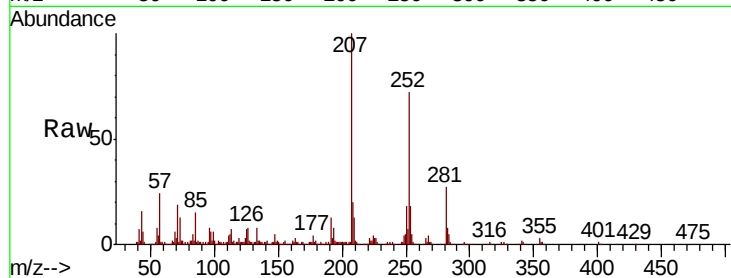
Tgt Ion:252 Resp: 279686

Ion Ratio Lower Upper

252 100

253 24.7 17.5 26.3

125 10.1 6.6 9.8#

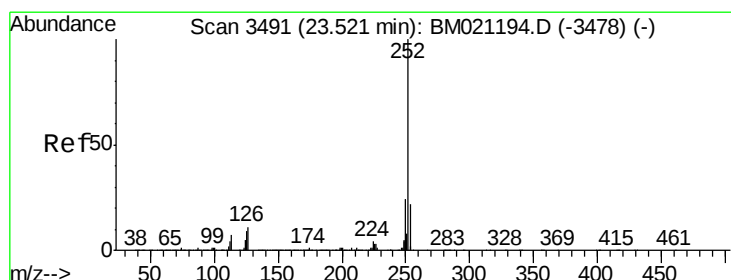
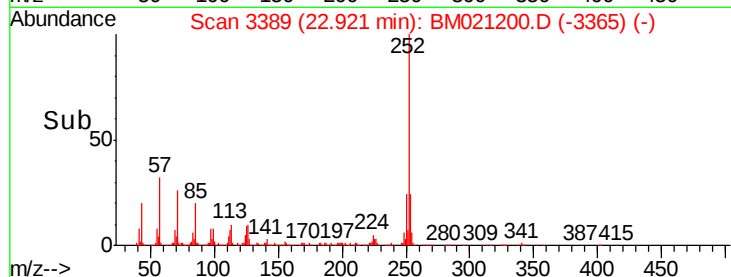
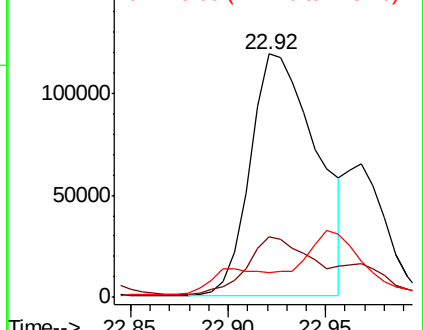


Abundance

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



#90

Benzo(a)pyrene

Concen: 2.126 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021200.D

Acq: 26 Jun 2019 20:06

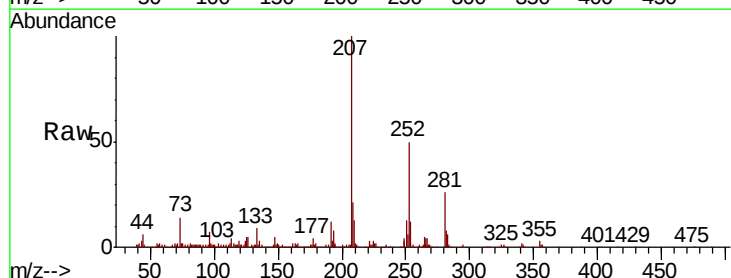
Tgt Ion:252 Resp: 158879

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.8

125 9.6 7.2 10.8

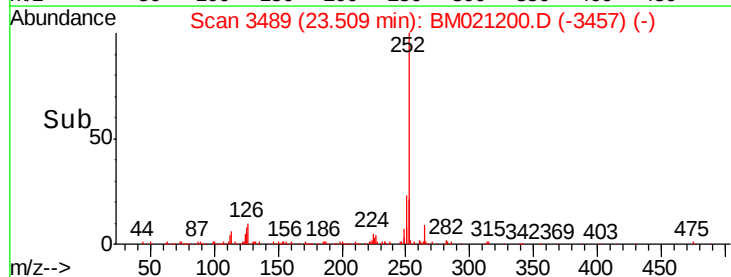
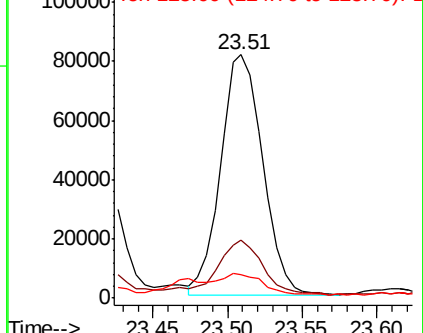


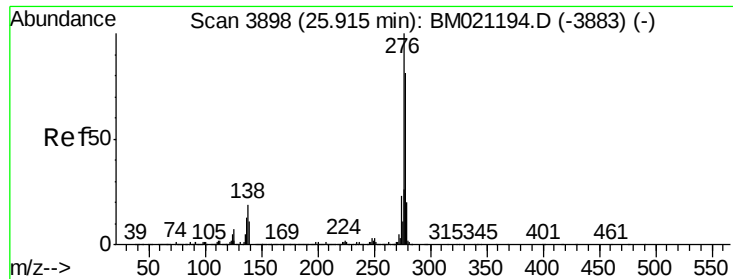
Abundance

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



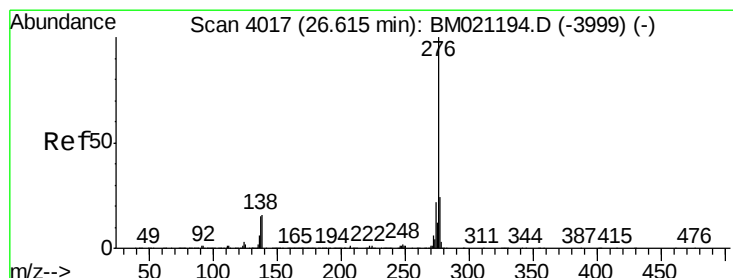
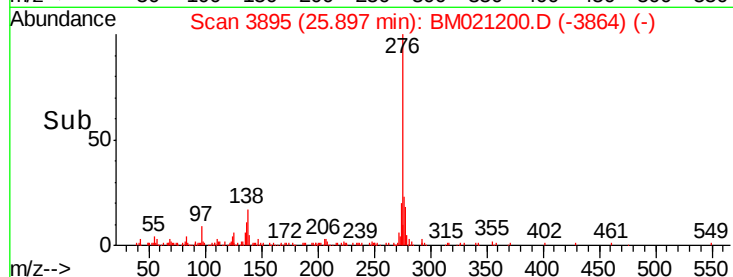
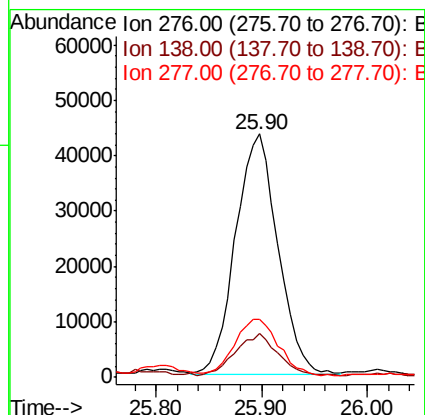
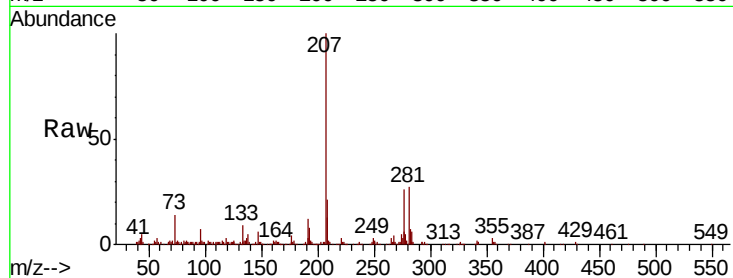


#91

Indeno(1,2,3-cd)pyrene
Concen: 1.372 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.02 min
Lab File: BM021200.D
Acq: 26 Jun 2019 20:06

Instrument :
BNA_M
ClientSampleId :
C5AC2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.9	23.9
277	24.0	20.4	30.6



#93

Benzo(g,h,i)perylene
Concen: 1.384 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.01 min
Lab File: BM021200.D
Acq: 26 Jun 2019 20:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	14.6	21.8
277	23.1	18.9	28.3

