

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
 Data File : BM021204.D
 Acq On : 26 Jun 2019 22:31
 Operator : HP/JU
 Sample : K3501-09
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AD7

Quant Time: Jun 27 00:46:23 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	239554	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1068610	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	718535	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1730135	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1388287	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1343217	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	18786	3.72	ng/uL	0.00
5) Phenol-d5	6.93	99	441390	21.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	265800	21.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	370193	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	388304	22.31	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	201366	23.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	233695	24.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	447836	22.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	504694	24.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1516162	23.35	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1802524	22.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	170672	16.16	ng/ul	0.00
57) Fluorene-d10	15.40	176	1360168	24.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	176566	16.60	ng/ul	0.00
70) Anthracene-d10	17.25	188	2160538	24.03	ng/ul	0.00
78) Pyrene-d10	19.55	212	2316017	27.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1930105	24.36	ng/ul	-0.01

Target Compounds

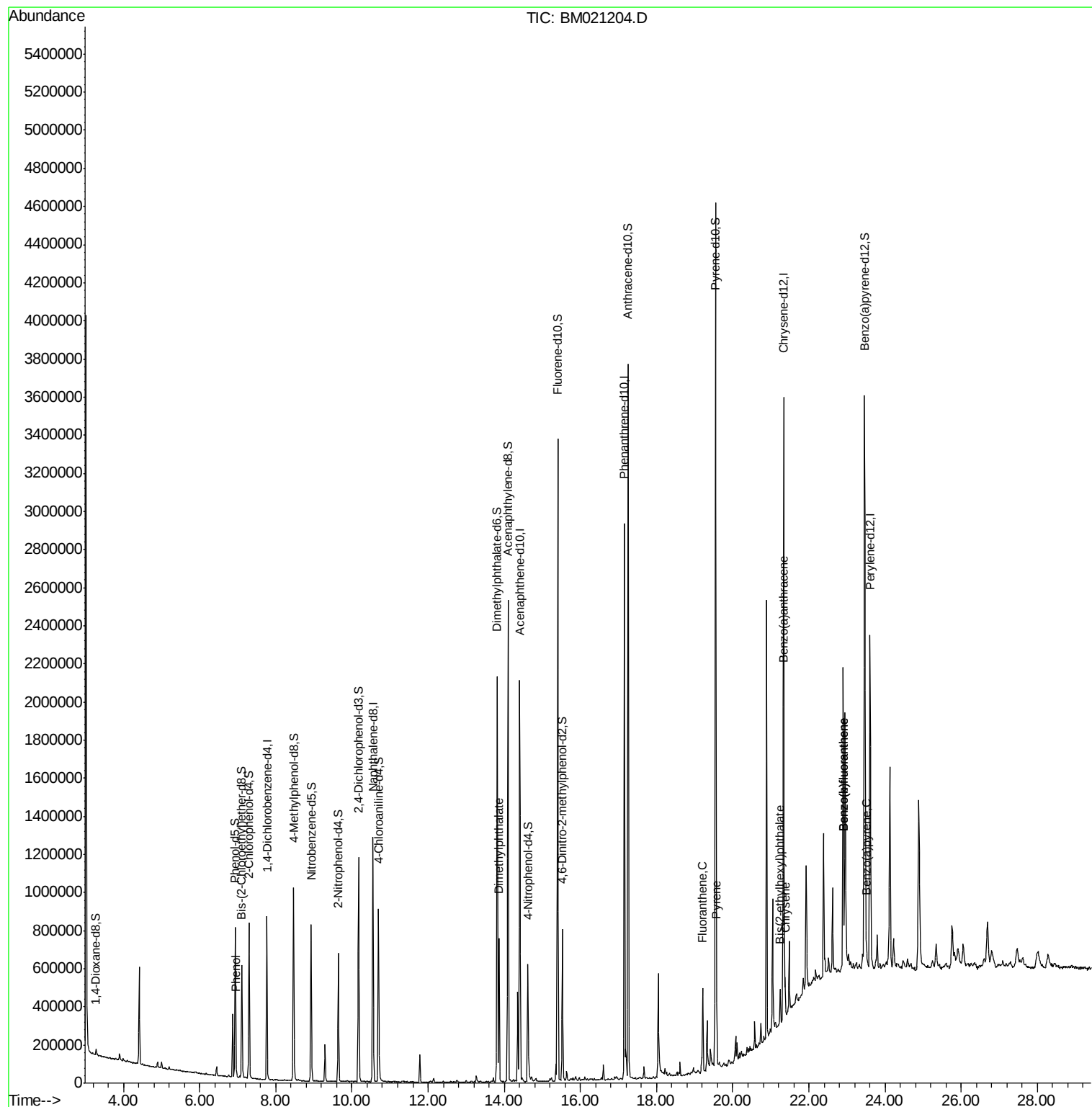
					Qvalue
6) Phenol	6.96	94	20789	1.054 ng/ul	93
44) Dimethylphthalate	13.87	163	504936	8.544 ng/ul	100
76) Fluoranthene	19.21	202	249156	2.410 ng/ul	99
79) Pyrene	19.57	202	214512	2.186 ng/ul	99
82) Benzo(a)anthracene	21.32	228	101224	1.069 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.24	149	60952	1.178 ng/ul	100
84) Chrysene	21.37	228	103559	1.168 ng/ul	99
87) Benzo(b)fluoranthene	22.92	252	125812	1.479 ng/ul#	95
88) Benzo(k)fluoranthene	22.92	252	125812	1.537 ng/ul#	95
90) Benzo(a)pyrene	23.51	252	83865	1.047 ng/ul	98

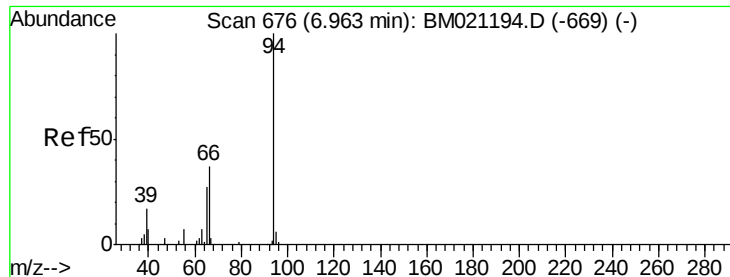
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 1.054 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM021204.D

Acq: 26 Jun 2019 22:31

Instrument :

BNA_M

ClientSampleId :

C5AD7

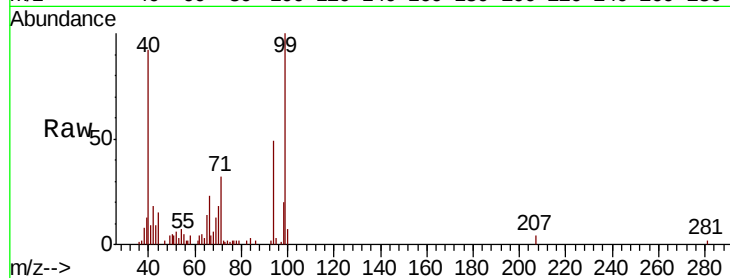
Tgt Ion: 94 Resp: 20789

Ion Ratio Lower Upper

94 100

65 28.6 22.6 34.0

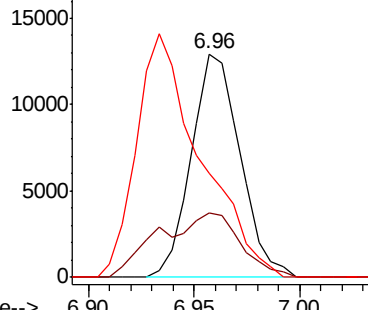
66 46.6 31.2 46.8



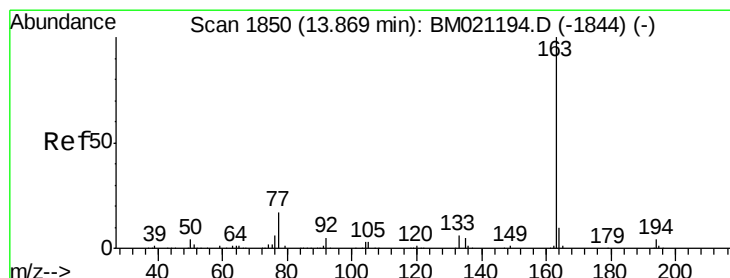
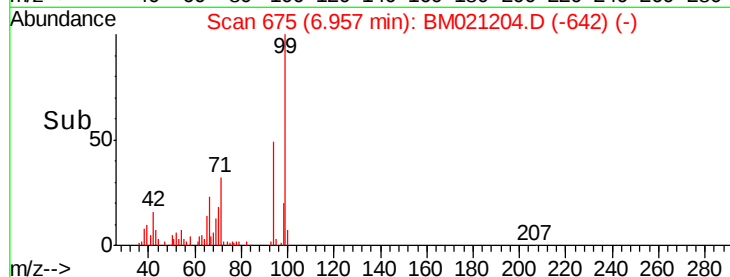
Abundance Ion 94.00 (93.70 to 94.70): BM021194.D (-669) (-)

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

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



Time-->



#44

Dimethylphthalate

Concen: 8.544 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM021204.D

Acq: 26 Jun 2019 22:31

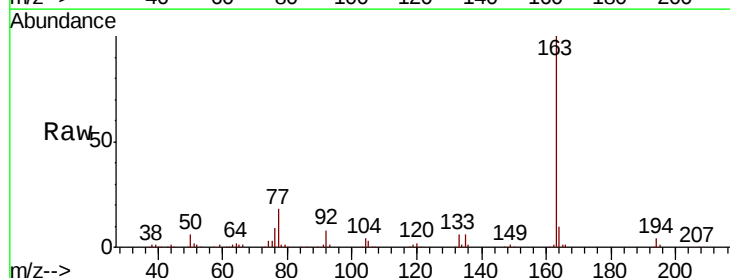
Tgt Ion: 163 Resp: 504936

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

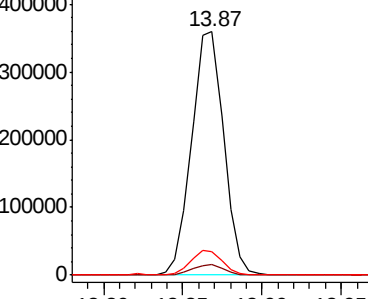
164 9.6 7.7 11.5



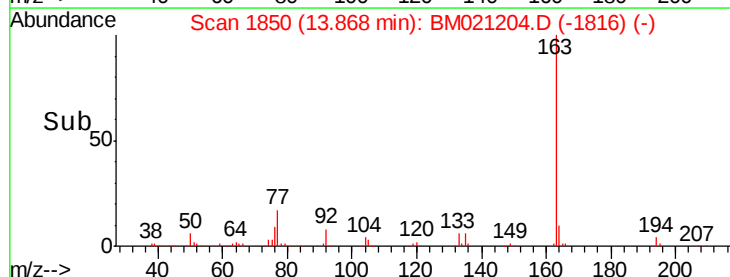
Abundance Ion 163.00 (162.70 to 163.70): BM021194.D (-1844) (-)

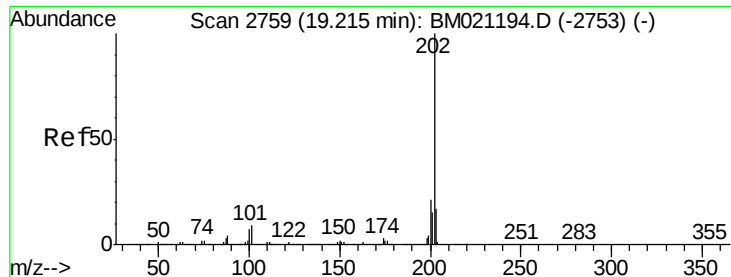
Ion 194.00 (193.70 to 194.70): BM021194.D (-1844) (-)

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



Time-->





#76

Fluoranthene

Concen: 2.410 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BM021204.D

Acq: 26 Jun 2019 22:31

Instrument :

BNA_M

ClientSampleId :

C5AD7

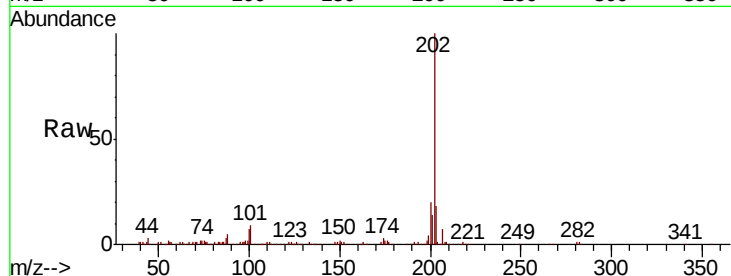
Tgt Ion:202 Resp: 249156

Ion Ratio Lower Upper

202 100

101 8.9 6.7 10.1

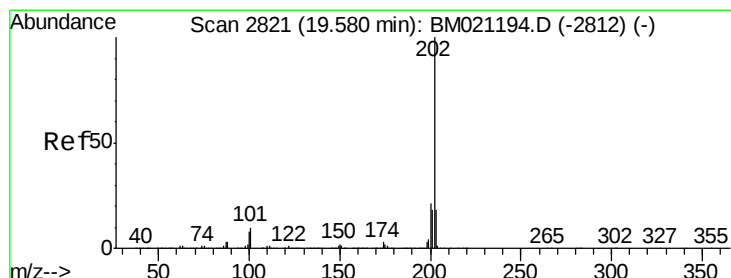
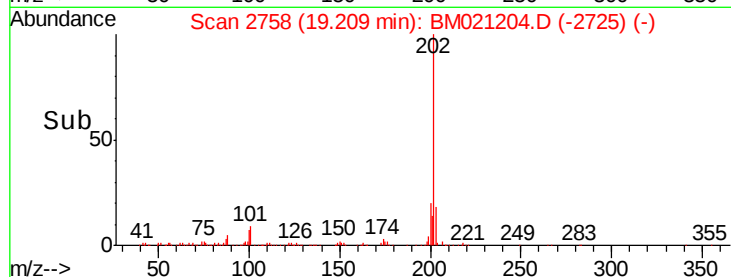
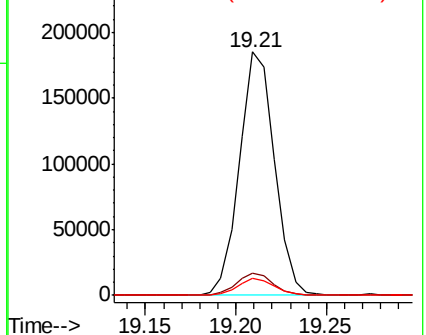
100 6.8 5.5 8.3



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): B



#79

Pyrene

Concen: 2.186 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM021204.D

Acq: 26 Jun 2019 22:31

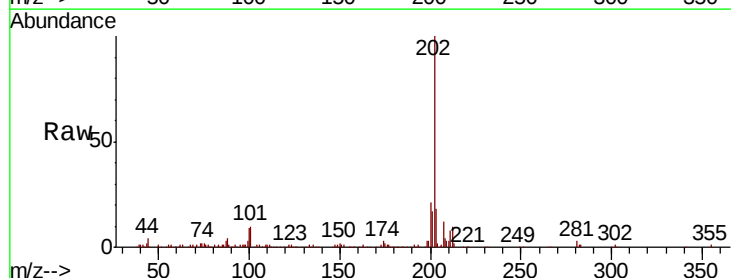
Tgt Ion:202 Resp: 214512

Ion Ratio Lower Upper

202 100

101 10.2 8.1 12.1

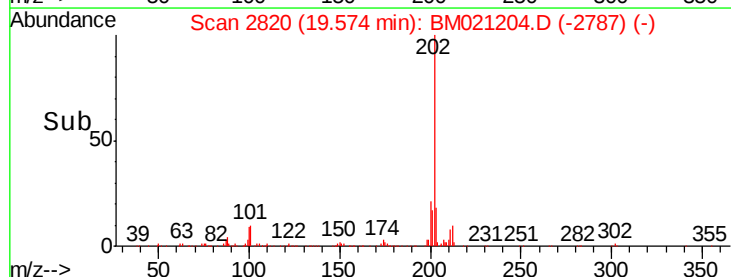
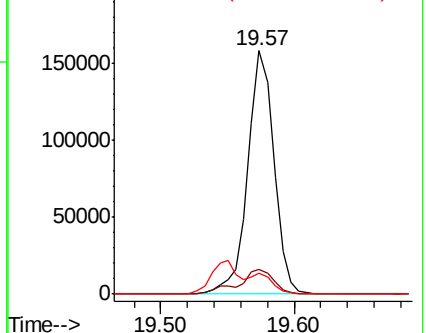
100 8.8 6.6 10.0

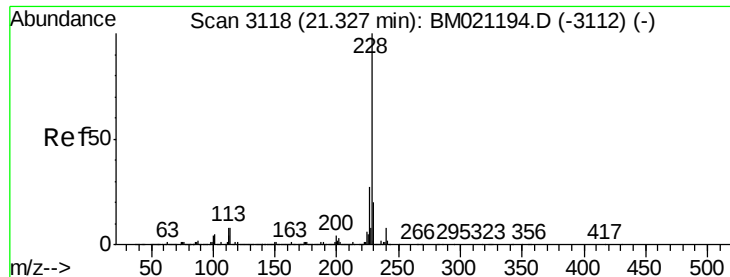


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.069 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021204.D

Acq: 26 Jun 2019 22:31

Instrument :

BNA_M

ClientSampleId :

C5AD7

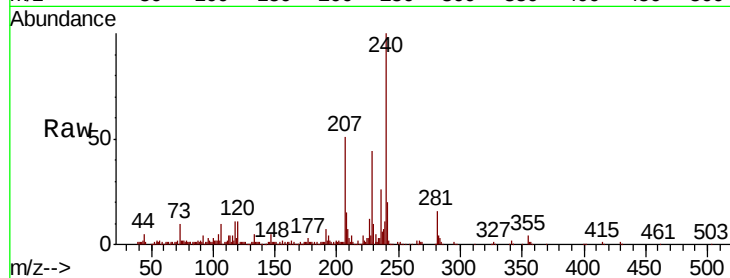
Tgt Ion:228 Resp: 101224

Ion Ratio Lower Upper

228 100

229 22.3 15.8 23.8

226 26.4 21.4 32.2

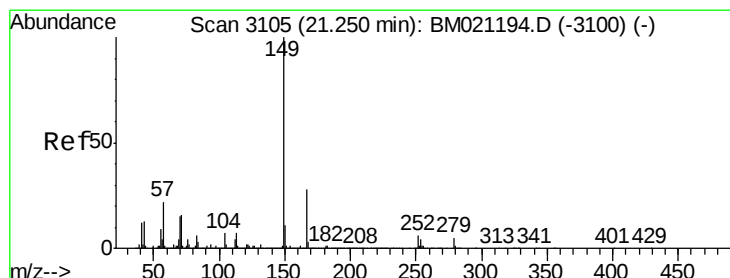
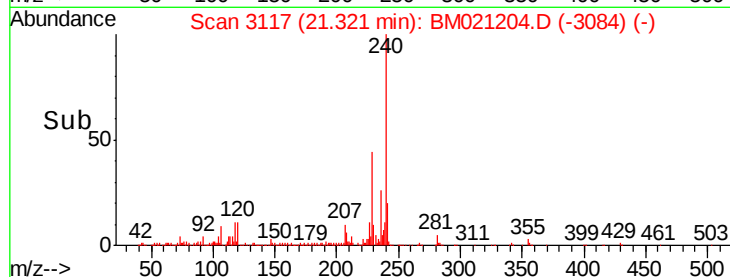
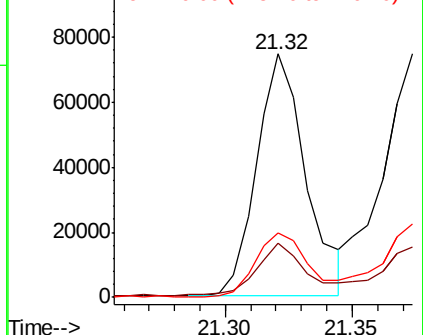


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.178 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM021204.D

Acq: 26 Jun 2019 22:31

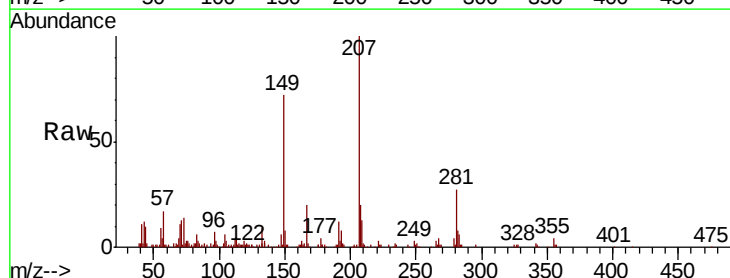
Tgt Ion:149 Resp: 60952

Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

279 4.9 3.8 5.6

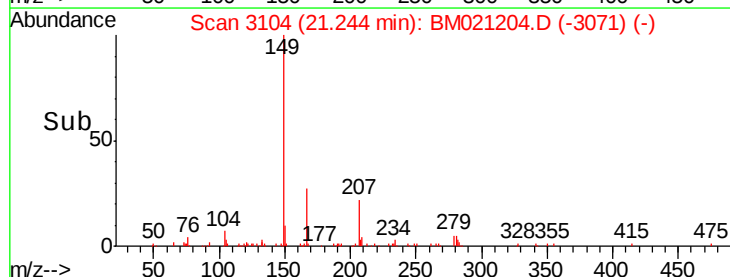
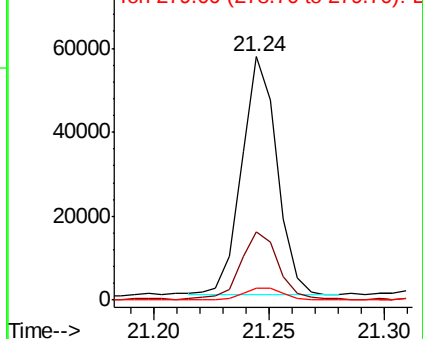


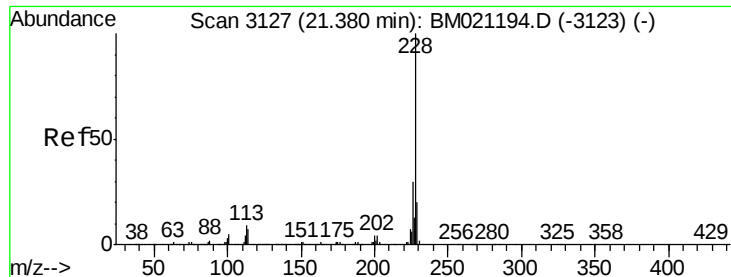
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 1.168 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM021204.D

Acq: 26 Jun 2019 22:31

Instrument :

BNA_M

ClientSampleId :

C5AD7

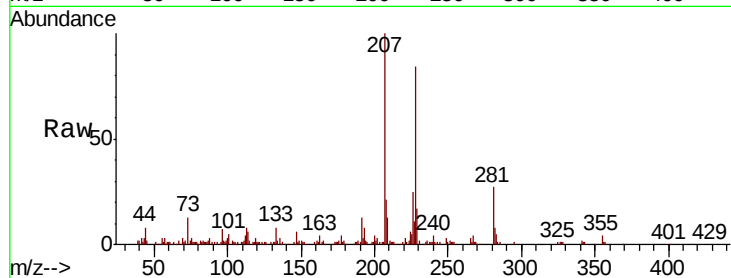
Tgt Ion:228 Resp: 103559

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 20.7 15.4 23.2

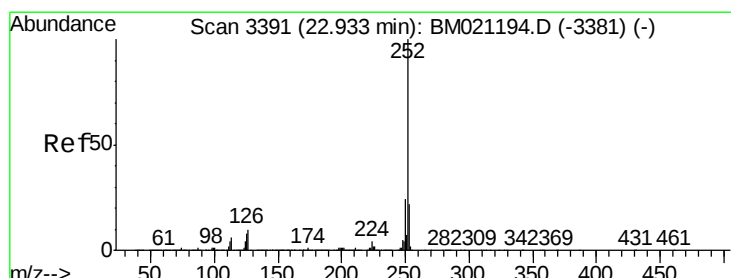
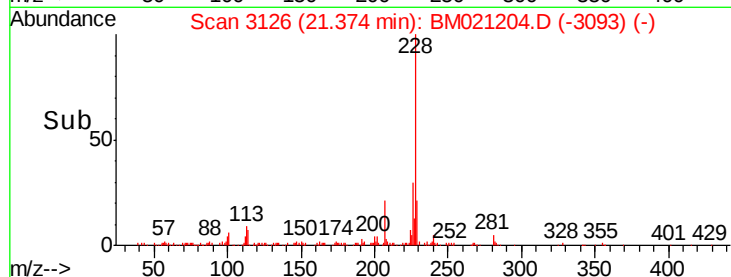
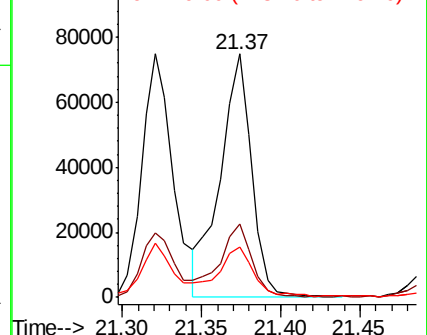


Abundance

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: 1.479 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021204.D

Acq: 26 Jun 2019 22:31

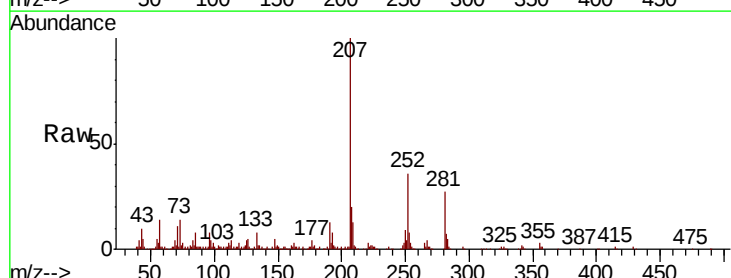
Tgt Ion:252 Resp: 125812

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 12.1 6.3 9.5#

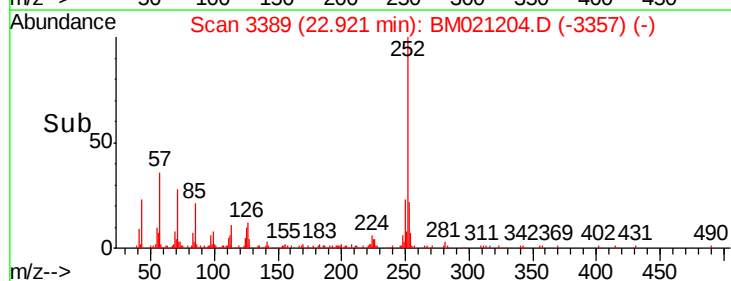
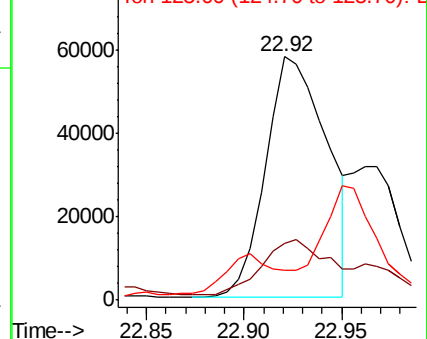


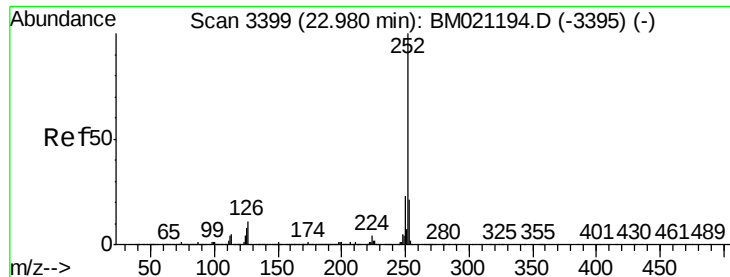
Abundance

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: 1.537 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.06 min

Lab File: BM021204.D

Acq: 26 Jun 2019 22:31

Instrument :

BNA_M

ClientSampleId :

C5AD7

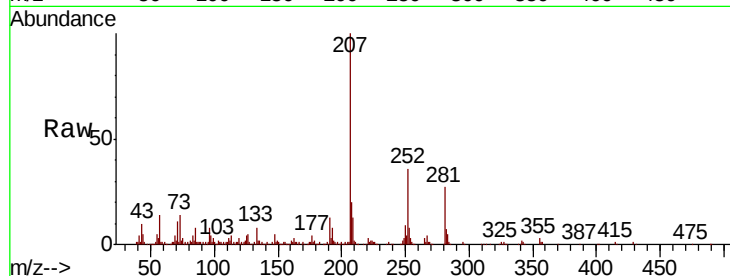
Tgt Ion:252 Resp: 125812

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 12.1 6.6 9.8#

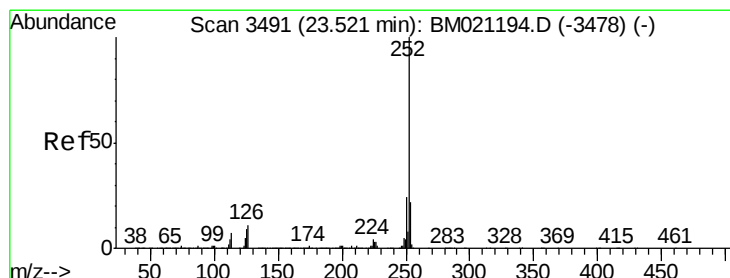
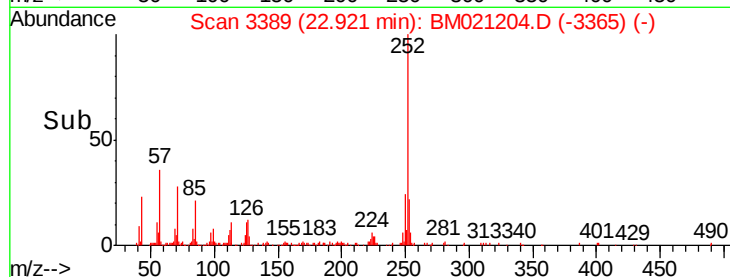
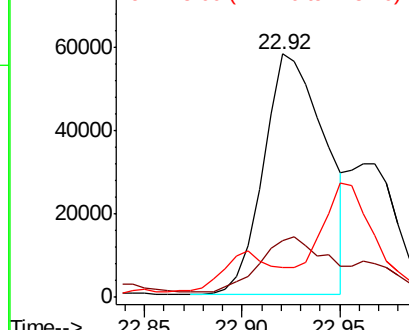


Abundance

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: 1.047 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021204.D

Acq: 26 Jun 2019 22:31

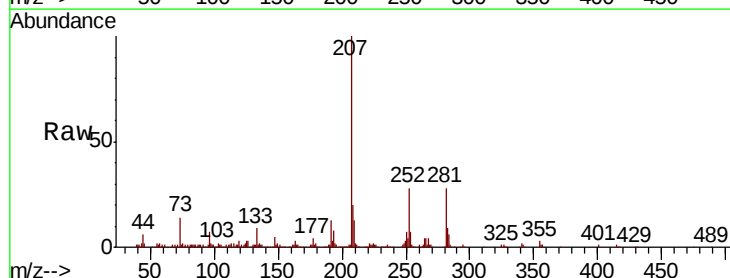
Tgt Ion:252 Resp: 83865

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 10.4 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

