

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021261.D
 Acq On : 29 Jun 2019 14:37
 Operator : HP/JU
 Sample : K3593-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BD4

Quant Time: Jun 29 22:19:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 05:07:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	291530	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1253995	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	763681	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1631843	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1148471	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1323799	20.00	ng/ul	-0.01

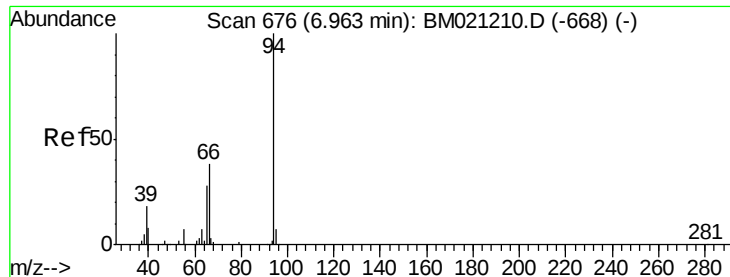
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	23802	3.88	ng/uL	0.00
5) Phenol-d5	6.93	99	608245	23.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	352048	23.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	505488	24.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	534679	25.24	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	268336	26.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	317074	28.05	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	608013	26.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	175725	7.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1852378	26.84	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2188334	25.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	230371	20.52	ng/ul	0.00
57) Fluorene-d10	15.39	176	1564108	26.06	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	194030	19.34	ng/ul	-0.01
70) Anthracene-d10	17.24	188	2221284	26.19	ng/ul	-0.01
78) Pyrene-d10	19.54	212	1972540	28.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1983102	25.39	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.96	94	39208	1.634	ng/ul	99
44) Dimethylphthalate	13.86	163	450439	7.171	ng/ul	99
69) Phenanthrene	17.19	178	340120	3.769	ng/ul	99
76) Fluoranthene	19.21	202	1076785	11.042	ng/ul#	96
79) Pyrene	19.57	202	871468	10.733	ng/ul	99
82) Benzo(a)anthracene	21.32	228	445486	5.690	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	43946	1.027	ng/ul#	98
84) Chrysene	21.37	228	499498	6.812	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	787841	9.395	ng/ul#	96
88) Benzo(k)fluoranthene	22.92	252	787841	9.766	ng/ul#	96
90) Benzo(a)pyrene	23.50	252	476633	6.039	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.89	276	395940	4.260	ng/ul	97
92) Dibenzo(a,h)anthracene	25.90	278	98108	1.255	ng/ul#	79
93) Benzo(g,h,i)perylene	26.60	276	327131	4.274	ng/ul	98

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



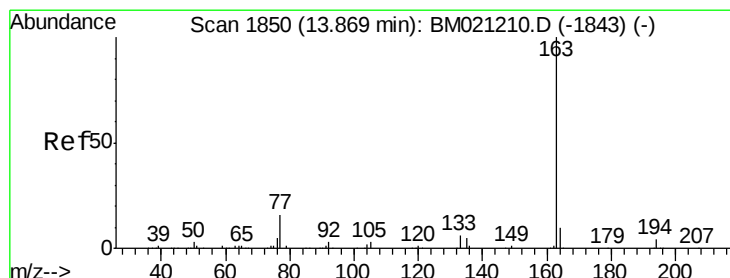
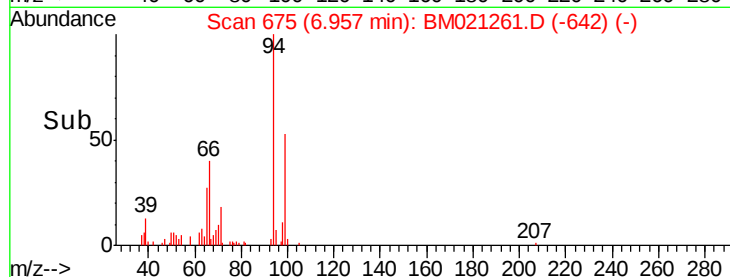
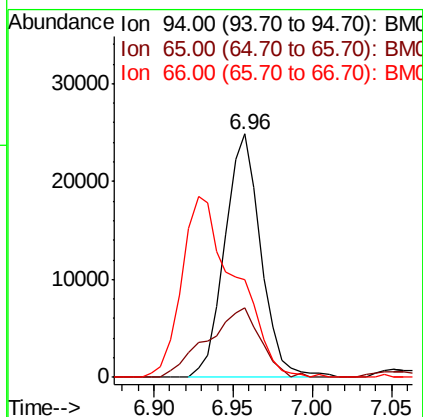
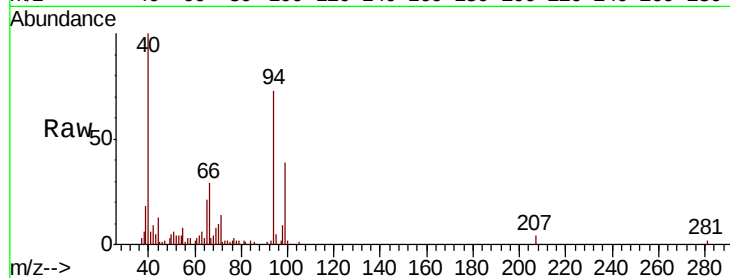
#6

Phenol

Concen: 1.634 ng/ul
 RT: 6.96 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BM021261.D
 Acq: 29 Jun 2019 14:37

Instrument :
 BNA_M
 ClientSampleId :
 C5BD4

Tgt Ion: 94 Resp: 39208
 Ion Ratio Lower Upper
 94 100
 65 28.4 22.6 34.0
 66 39.9 31.2 46.8

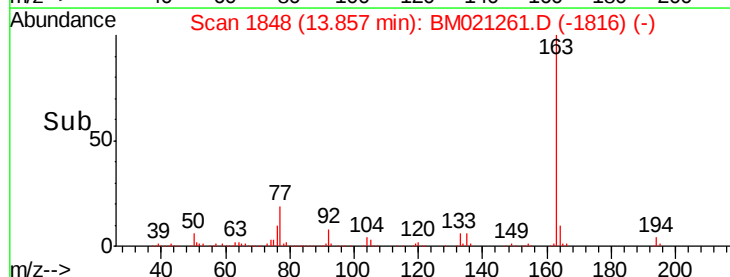
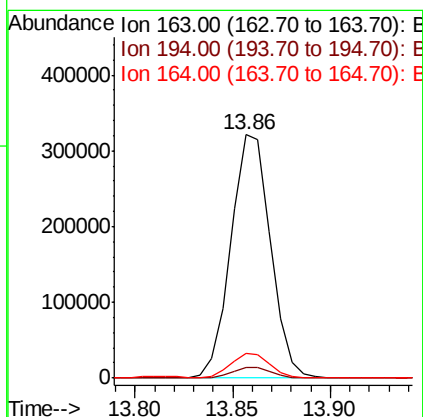
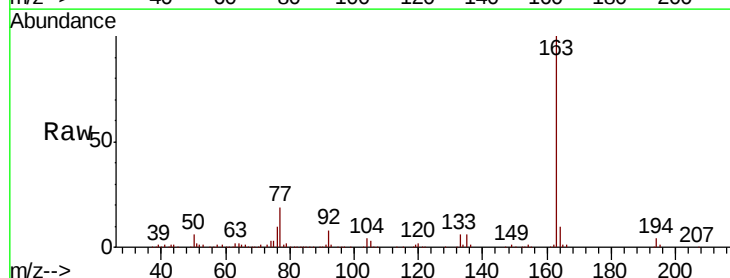


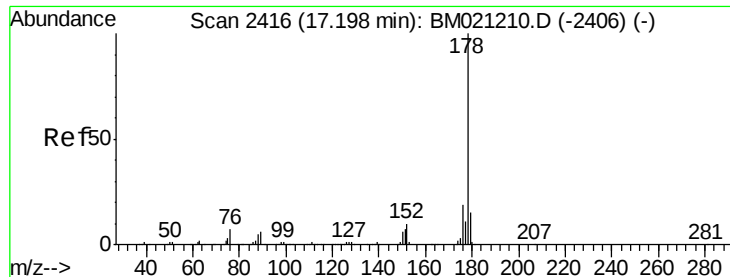
#44

Dimethylphthalate

Concen: 7.171 ng/ul
 RT: 13.86 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BM021261.D
 Acq: 29 Jun 2019 14:37

Tgt Ion: 163 Resp: 450439
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.4 5.2
 164 10.1 7.7 11.5





#69

Phenanthrene

Concen: 3.769 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM021261.D

Acq: 29 Jun 2019 14:37

Instrument :

BNA_M

ClientSampleId :

C5BD4

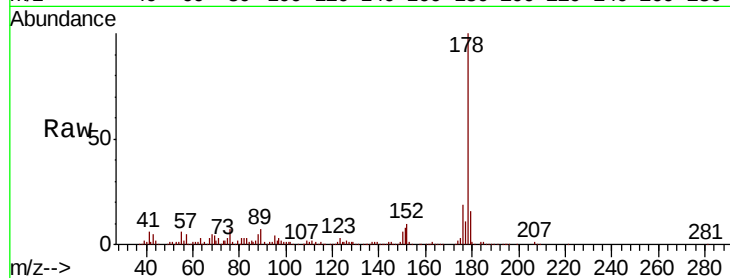
Tgt Ion:178 Resp: 340120

Ion Ratio Lower Upper

178 100

179 15.8 11.8 17.8

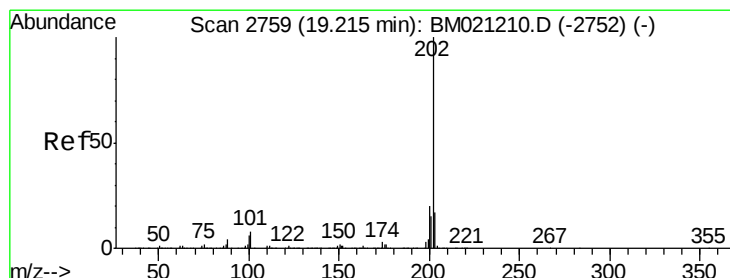
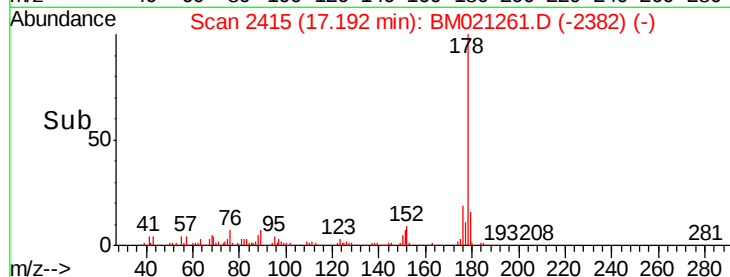
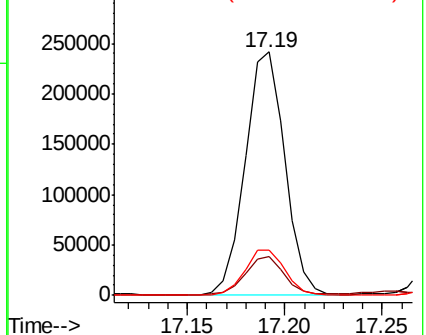
176 18.6 15.0 22.6



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: 11.042 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BM021261.D

Acq: 29 Jun 2019 14:37

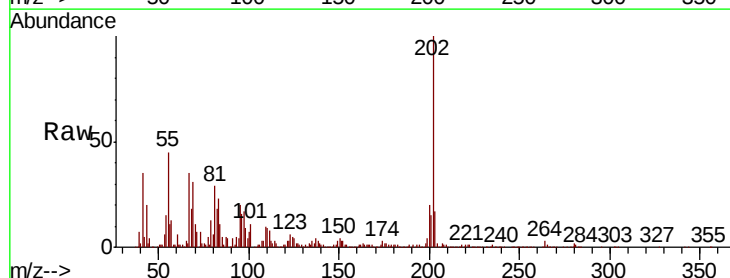
Tgt Ion:202 Resp: 1076785

Ion Ratio Lower Upper

202 100

101 10.5 6.7 10.1#

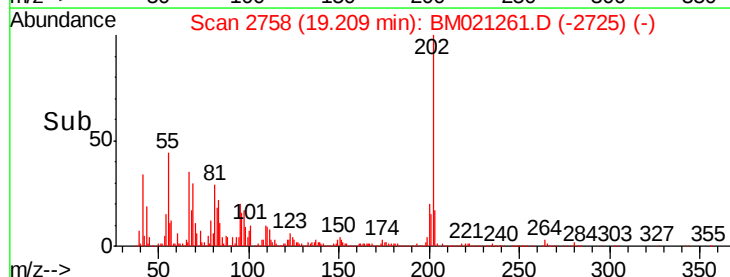
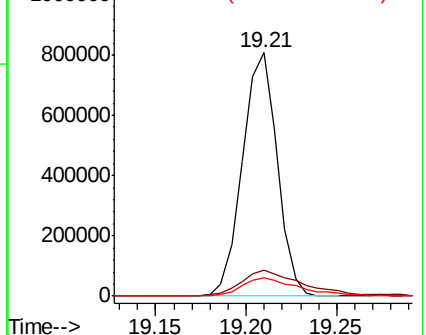
100 7.3 5.5 8.3

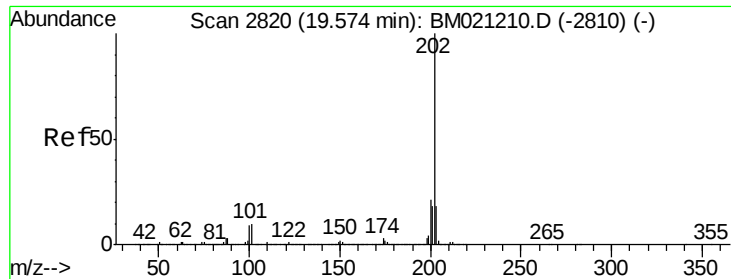


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

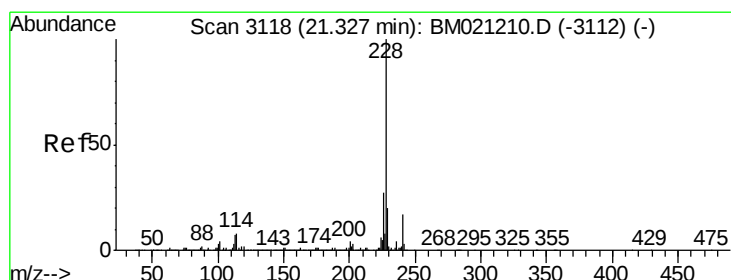
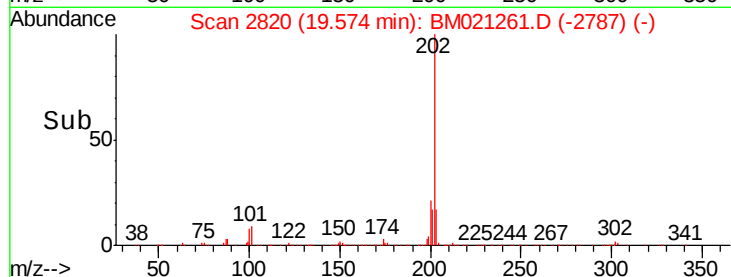
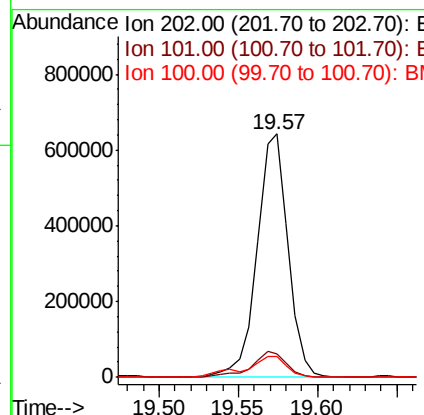
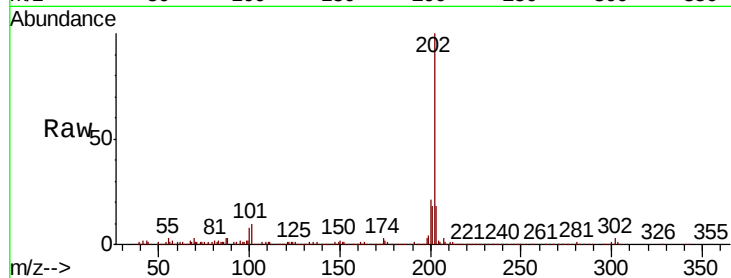




#79
 Pyrene
 Concen: 10.733 ng/ul
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BM021261.D
 Acq: 29 Jun 2019 14:37

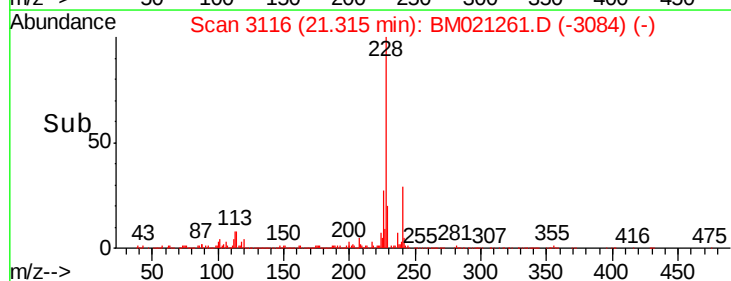
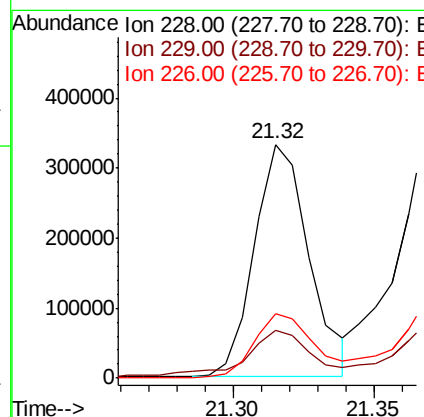
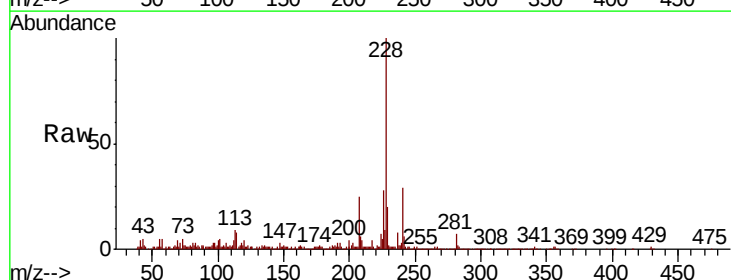
Instrument :
 BNA_M
 ClientSampleId :
 C5BD4

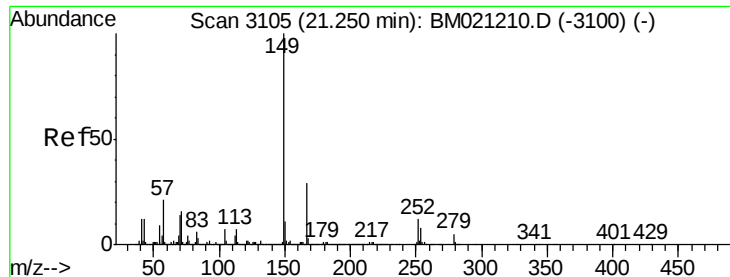
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.1	12.1
100	8.3	6.6	10.0



#82
 Benzo(a)anthracene
 Concen: 5.690 ng/ul
 RT: 21.32 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BM021261.D
 Acq: 29 Jun 2019 14:37

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	27.6	21.4	32.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.027 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM021261.D

Acq: 29 Jun 2019 14:37

Instrument :

BNA_M

ClientSampleId :

C5BD4

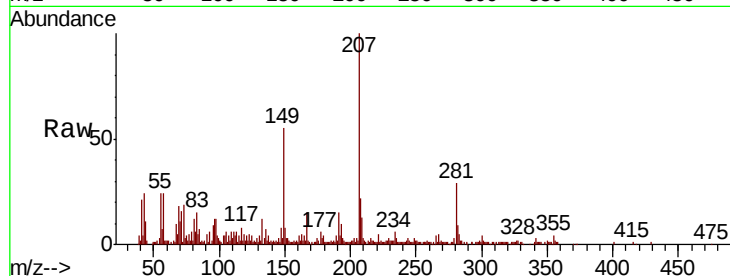
Tgt Ion:149 Resp: 43946

Ion Ratio Lower Upper

149 100

167 27.2 22.3 33.5

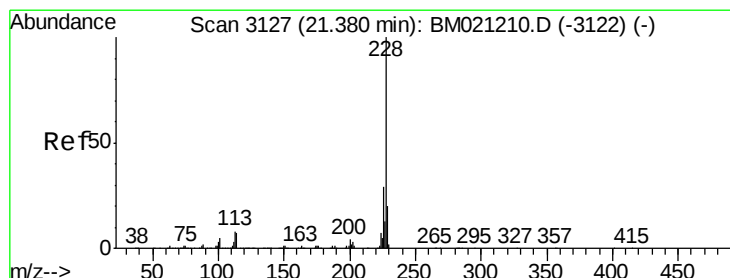
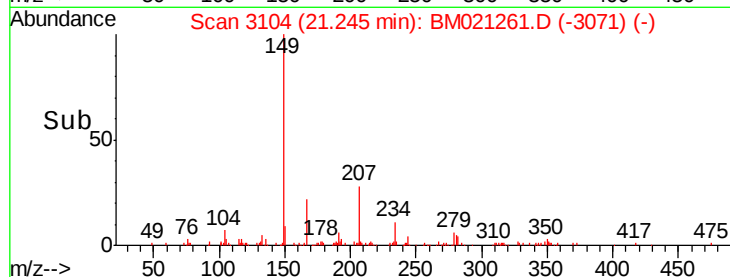
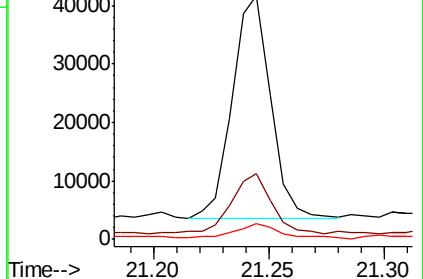
279 6.3 3.8 5.6#



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: 6.812 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM021261.D

Acq: 29 Jun 2019 14:37

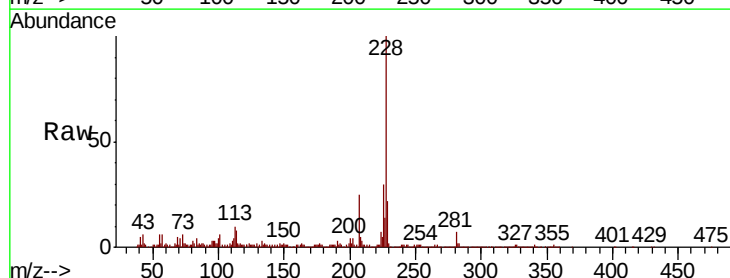
Tgt Ion:228 Resp: 499498

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

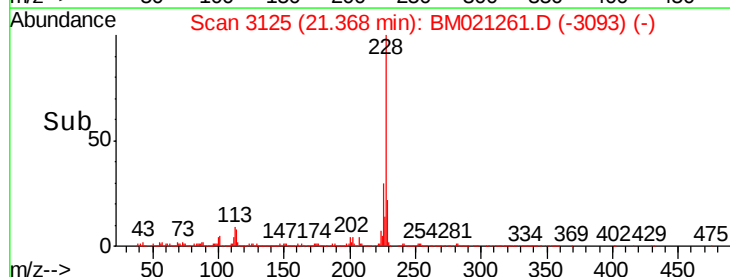
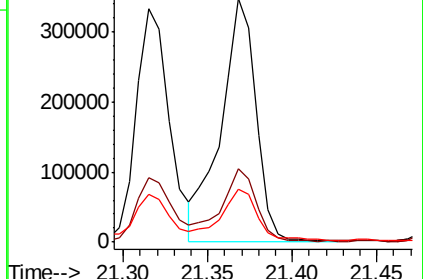
229 21.9 15.4 23.2

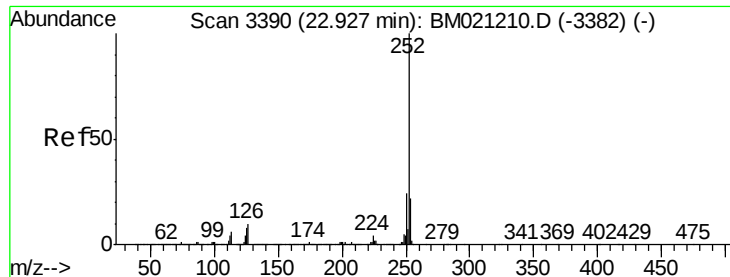


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 9.395 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021261.D

Acq: 29 Jun 2019 14:37

Instrument :

BNA_M

ClientSampled :

C5BD4

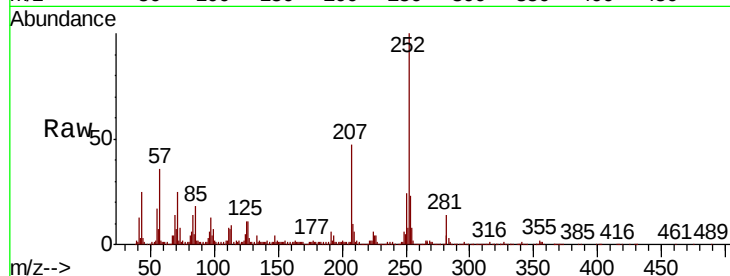
Tgt Ion:252 Resp: 787841

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 11.0 6.3 9.5#

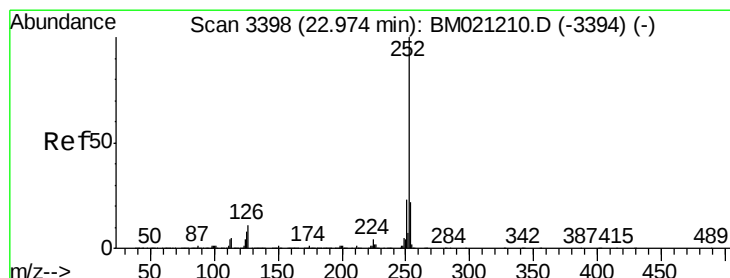
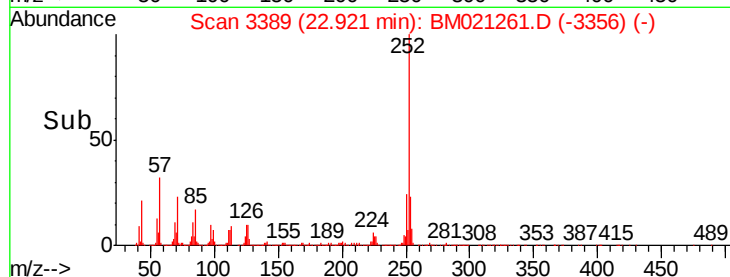
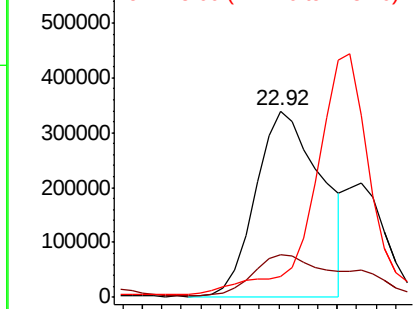


Abundance

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: 9.766 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.05 min

Lab File: BM021261.D

Acq: 29 Jun 2019 14:37

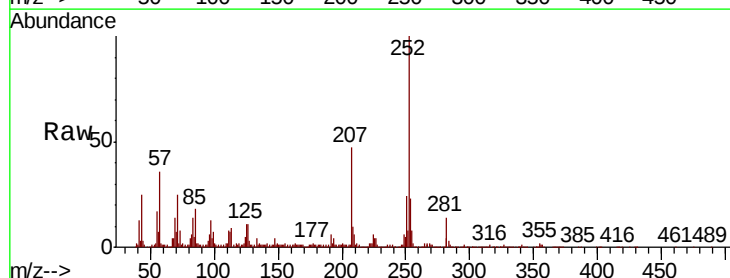
Tgt Ion:252 Resp: 787841

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 11.0 6.6 9.8#

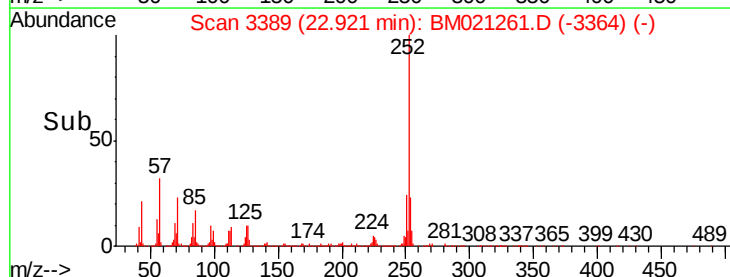
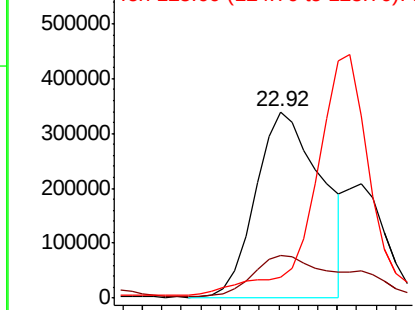


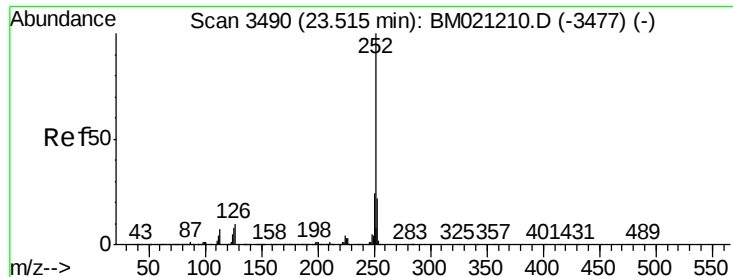
Abundance

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: 6.039 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM021261.D

Acq: 29 Jun 2019 14:37

Instrument :

BNA_M

ClientSampleId :

C5BD4

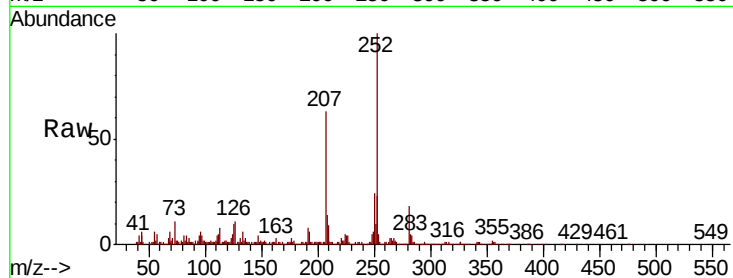
Tgt Ion:252 Resp: 476633

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

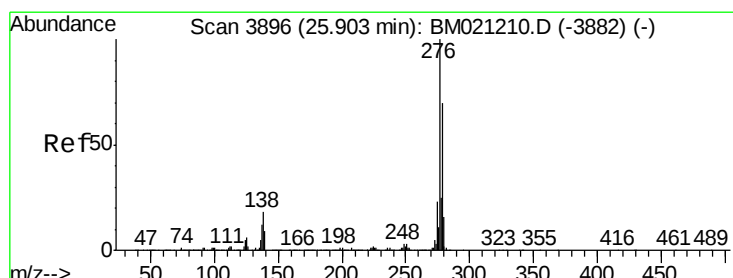
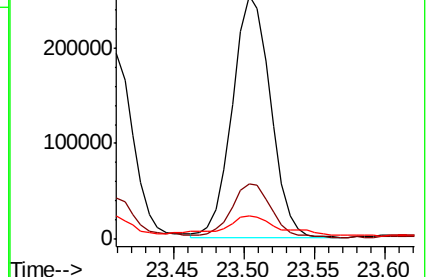
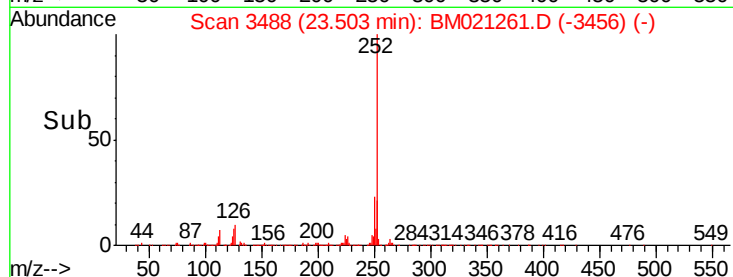
125 9.8 7.2 10.8



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: 4.260 ng/ul

RT: 25.89 min Scan# 3894

Delta R.T. -0.01 min

Lab File: BM021261.D

Acq: 29 Jun 2019 14:37

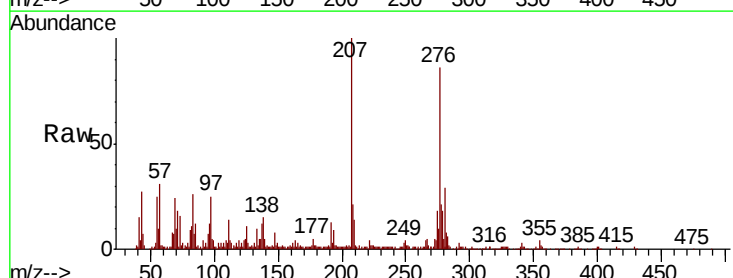
Tgt Ion:276 Resp: 395940

Ion Ratio Lower Upper

276 100

138 17.5 15.9 23.9

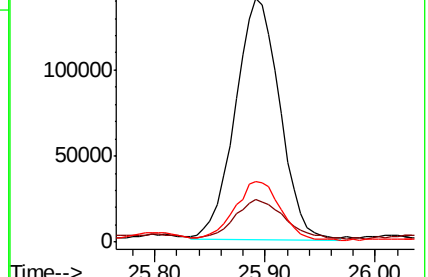
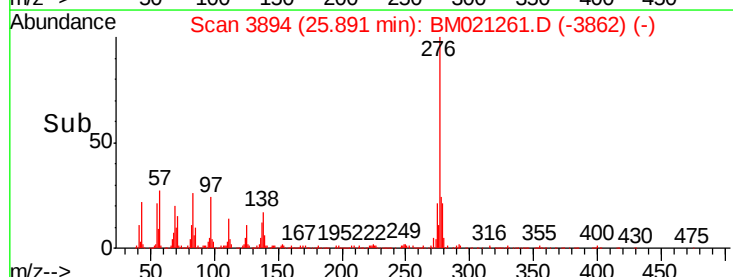
277 24.7 20.4 30.6

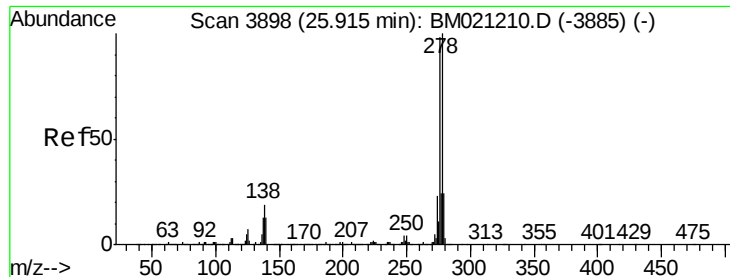


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 1.255 ng/ul

RT: 25.90 min Scan# 3895

Delta R.T. -0.02 min

Lab File: BM021261.D

Acq: 29 Jun 2019 14:37

Instrument :

BNA_M

ClientSampleId :

C5BD4

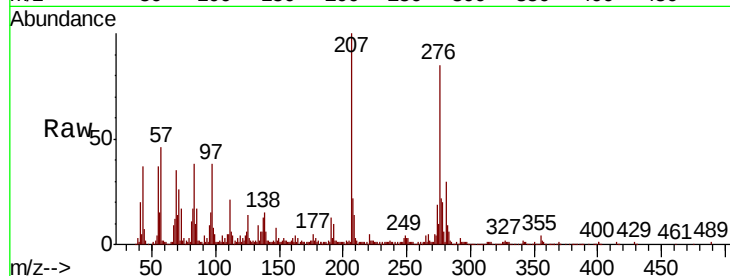
Tgt Ion:278 Resp: 98108

Ion Ratio Lower Upper

278 100

139 31.6 10.6 15.8#

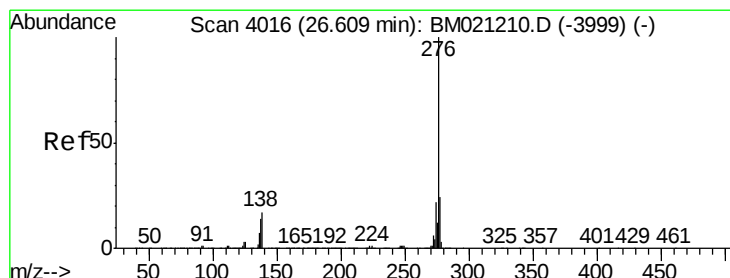
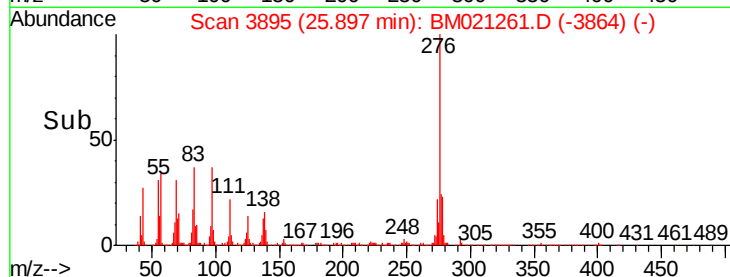
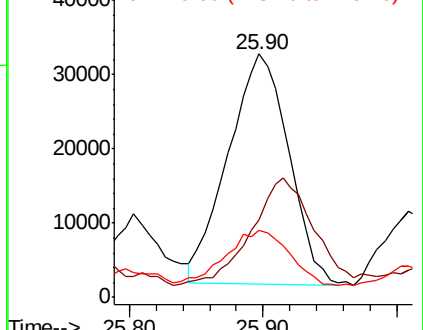
279 27.4 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 4.274 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.01 min

Lab File: BM021261.D

Acq: 29 Jun 2019 14:37

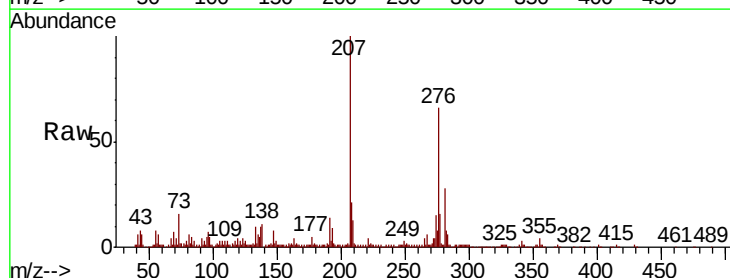
Tgt Ion:276 Resp: 327131

Ion Ratio Lower Upper

276 100

138 16.8 14.6 21.8

277 24.0 18.9 28.3



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

