

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021260.D
 Acq On : 29 Jun 2019 14:01
 Operator : HP/JU
 Sample : K3593-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC6

Quant Time: Jun 29 22:19:45 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	268724	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1188810	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	744079	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1611589	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1153242	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1307580	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	21960	3.88	ng/uL	0.00
5) Phenol-d5	6.93	99	549646	23.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	317204	22.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	453018	23.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	467462	23.94	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	242009	25.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	286512	26.74	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	559645	25.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	411931	18.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1814647	26.99	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2098416	25.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	227608	20.81	ng/ul	0.00
57) Fluorene-d10	15.39	176	1547251	26.46	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	199586	20.15	ng/ul	-0.01
70) Anthracene-d10	17.24	188	2206457	26.35	ng/ul	-0.01
78) Pyrene-d10	19.54	212	2065710	29.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1978773	25.65	ng/ul	0.00

Target Compounds

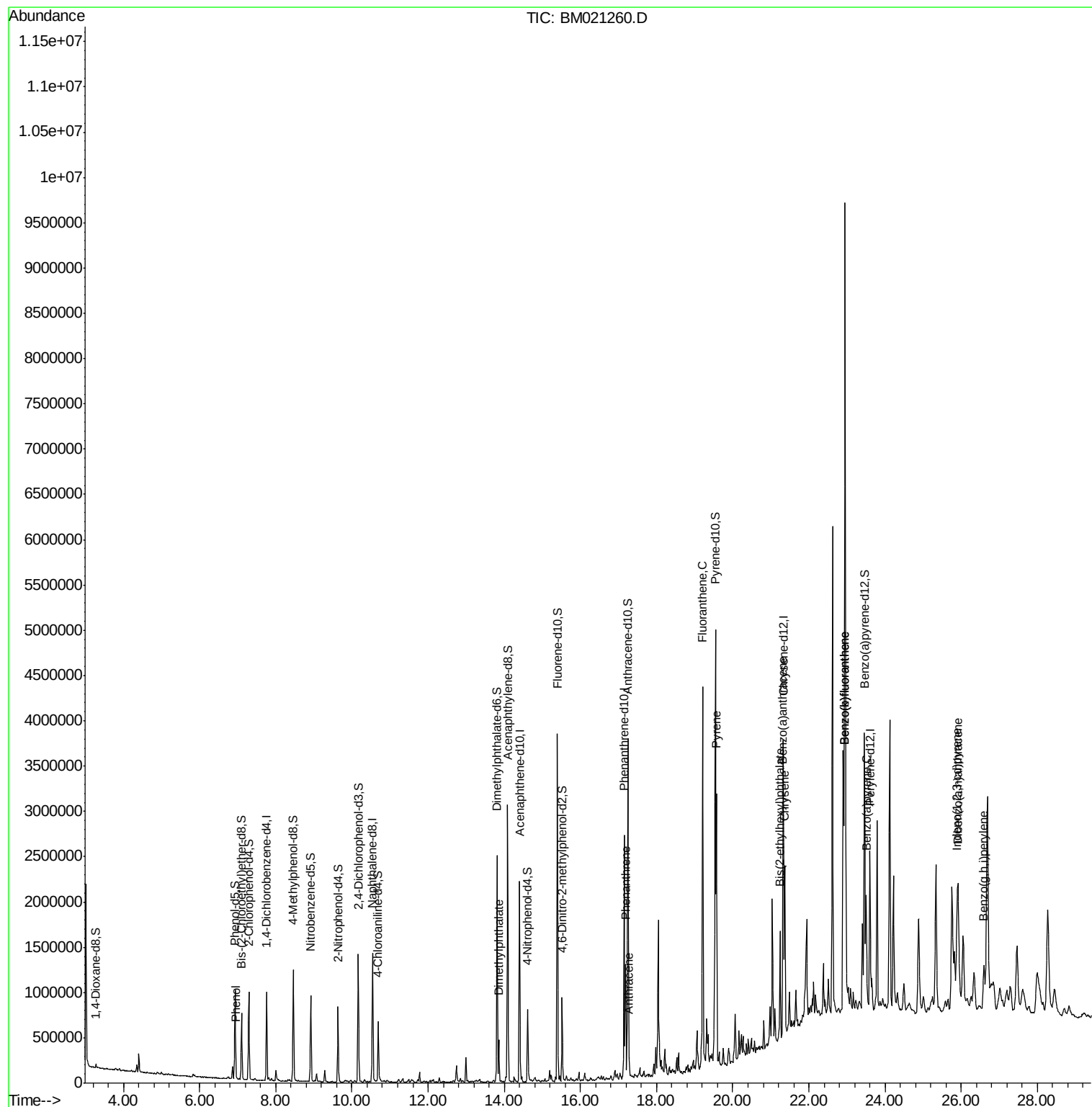
					Qvalue
6) Phenol	6.96	94	26350	1.191 ng/ul	95
44) Dimethylphthalate	13.86	163	286184	4.676 ng/ul	100
69) Phenanthrene	17.19	178	761933	8.549 ng/ul	99
71) Anthracene	17.28	178	120712	1.329 ng/ul	99
76) Fluoranthene	19.21	202	2268462	23.555 ng/ul	100
79) Pyrene	19.57	202	1795467	22.022 ng/ul	99
82) Benzo(a)anthracene	21.32	228	926017	11.778 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	442643	10.301 ng/ul	99
84) Chrysene	21.37	228	1095680	14.880 ng/ul	99
87) Benzo(b)fluoranthene	22.92	252	1671520	20.180 ng/ul	98
88) Benzo(k)fluoranthene	22.92	252	1671520	20.977 ng/ul	98
90) Benzo(a)pyrene	23.51	252	942389	12.088 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.89	276	819095	8.922 ng/ul	95
92) Dibenzo(a,h)anthracene	25.90	278	205529	2.661 ng/ul#	93
93) Benzo(g,h,i)perylene	26.60	276	667446	8.828 ng/ul	98

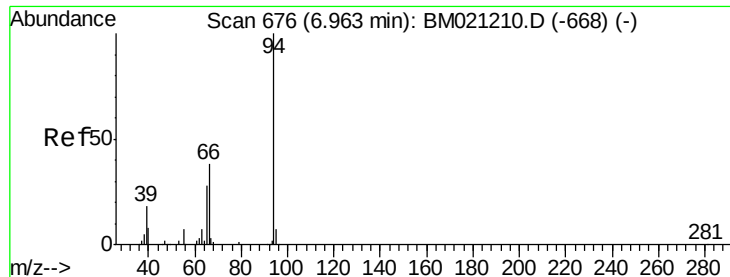
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.191 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

Instrument :

BNA_M

ClientSampleId :

C5BC6

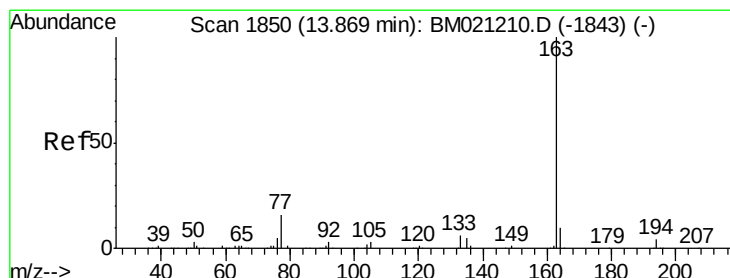
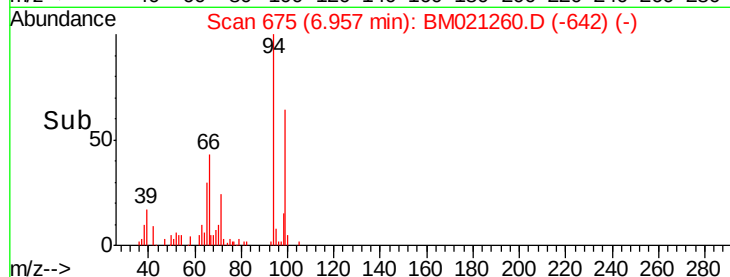
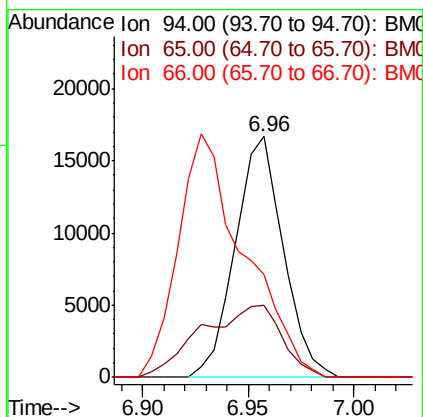
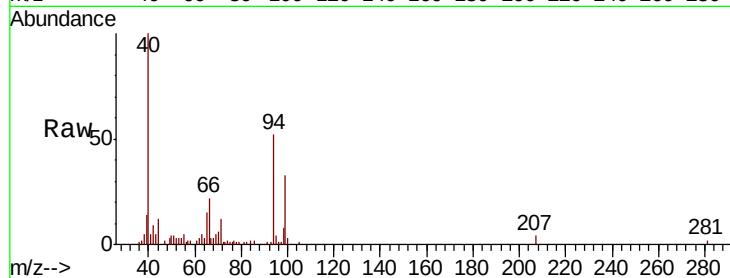
Tgt Ion: 94 Resp: 26350

Ion Ratio Lower Upper

94 100

65 29.8 22.6 34.0

66 42.8 31.2 46.8



#44

Dimethylphthalate

Concen: 4.676 ng/ul

RT: 13.86 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

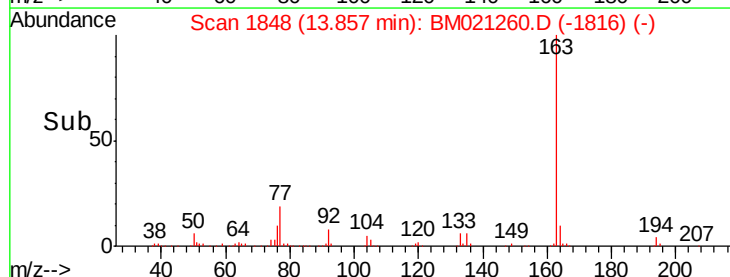
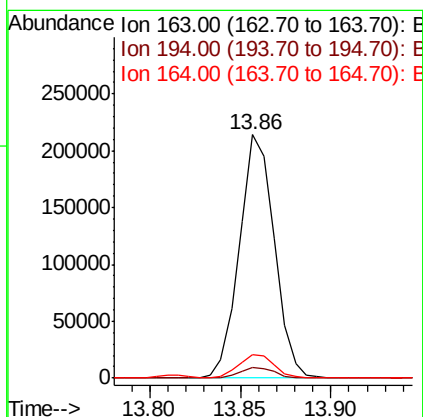
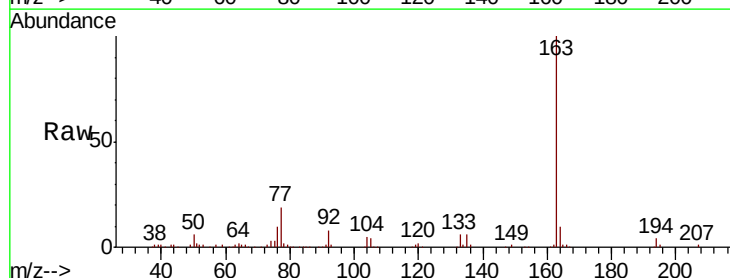
Tgt Ion: 163 Resp: 286184

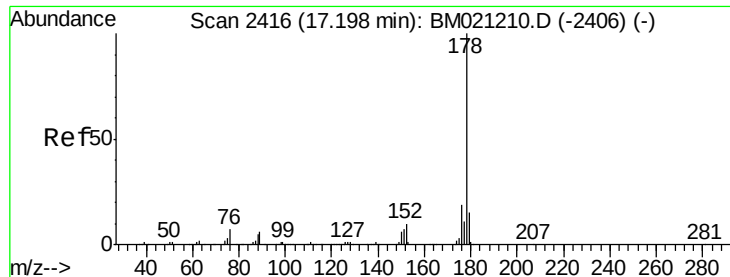
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 9.7 7.7 11.5





#69

Phenanthrene

Concen: 8.549 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

Instrument :

BNA_M

ClientSampleId :

C5BC6

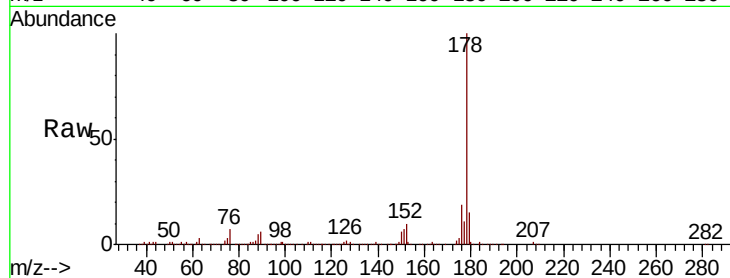
Tgt Ion:178 Resp: 761933

Ion Ratio Lower Upper

178 100

179 15.1 11.8 17.8

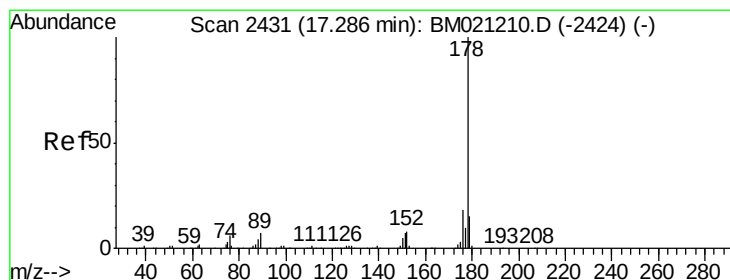
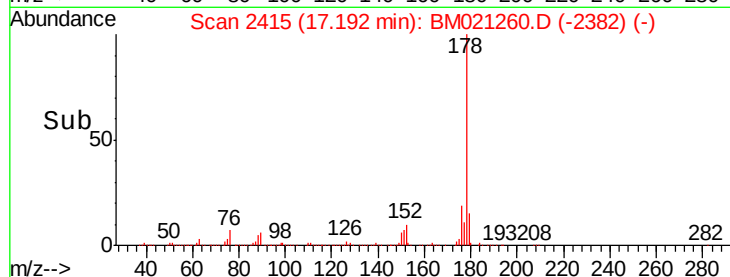
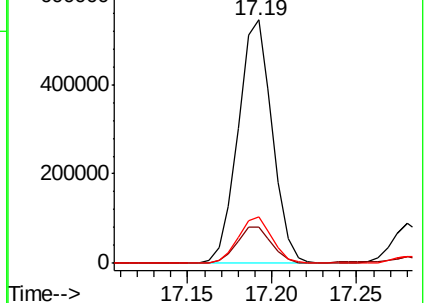
176 19.1 15.0 22.6



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



#71

Anthracene

Concen: 1.329 ng/ul

RT: 17.28 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

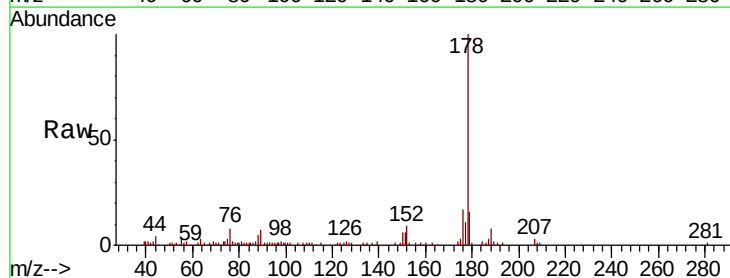
Tgt Ion:178 Resp: 120712

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

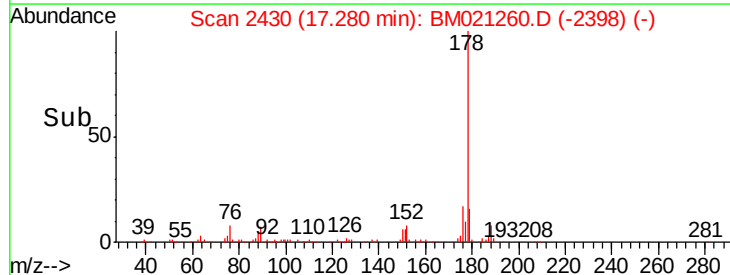
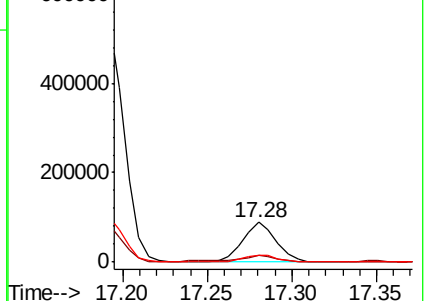
176 17.4 14.6 21.8

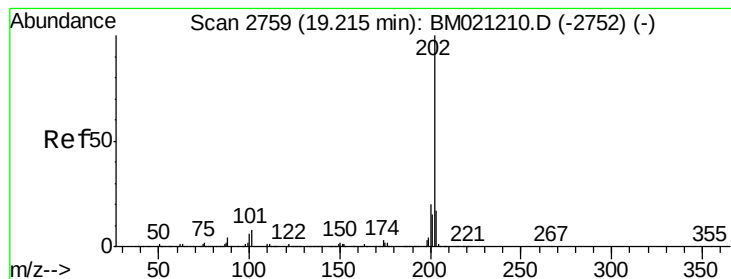


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 23.555 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

Instrument :

BNA_M

ClientSampleId :

C5BC6

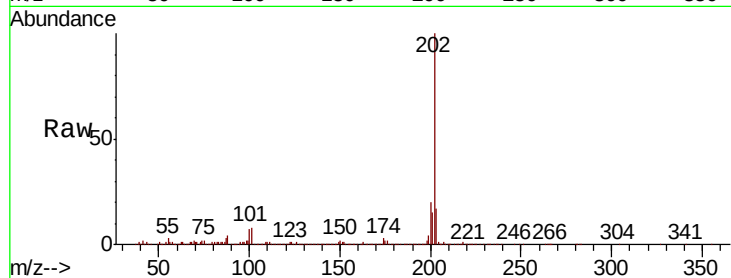
Tgt Ion:202 Resp: 2268462

Ion Ratio Lower Upper

202 100

101 8.3 6.7 10.1

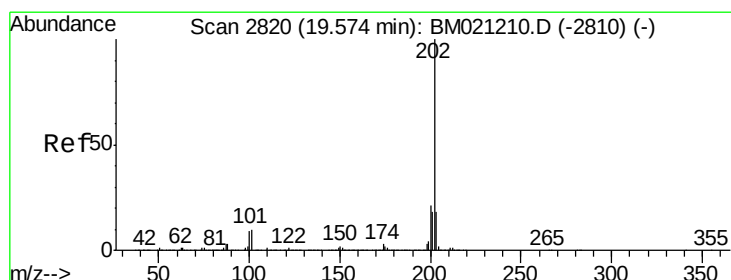
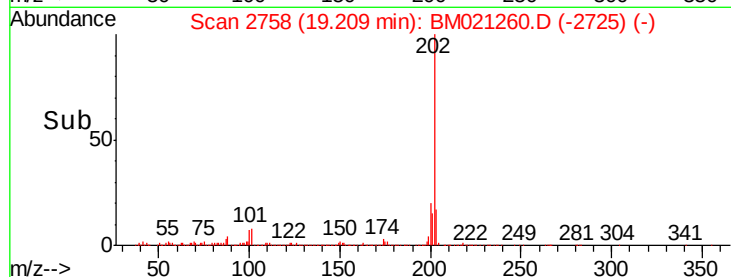
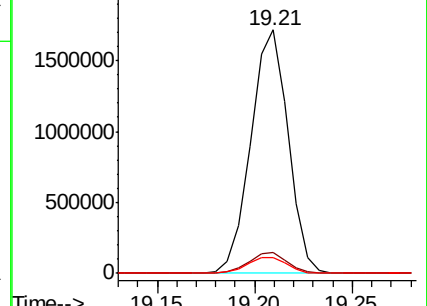
100 6.6 5.5 8.3



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: 22.022 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

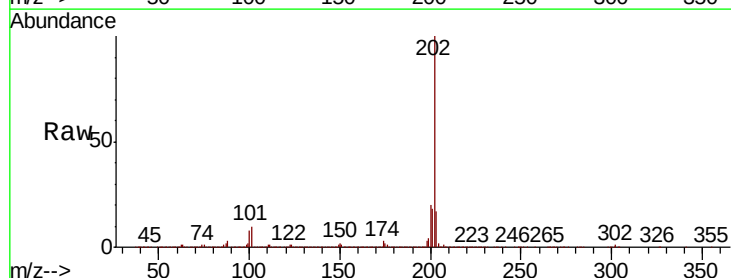
Tgt Ion:202 Resp: 1795467

Ion Ratio Lower Upper

202 100

101 9.5 8.1 12.1

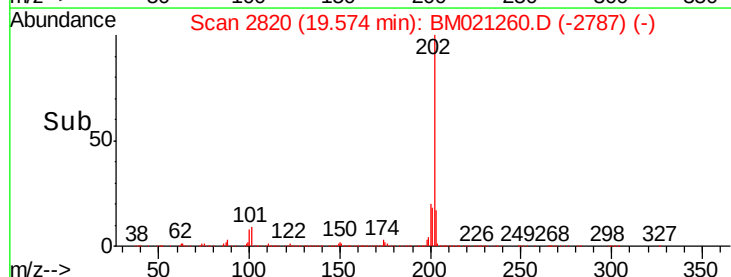
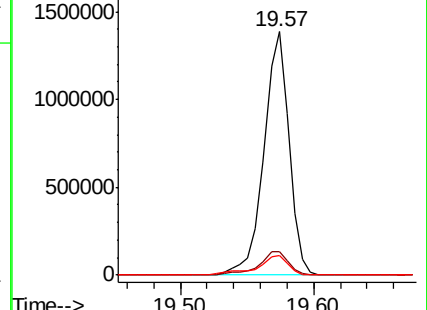
100 8.1 6.6 10.0

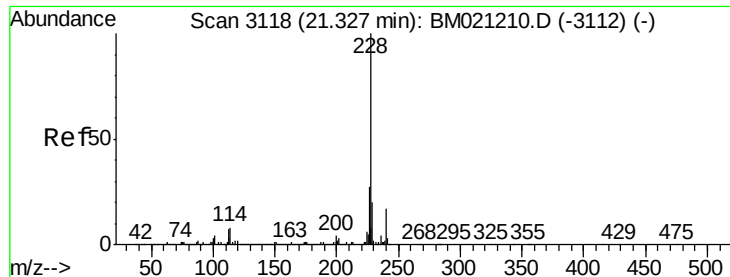


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 11.778 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

Instrument :

BNA_M

ClientSampleId :

C5BC6

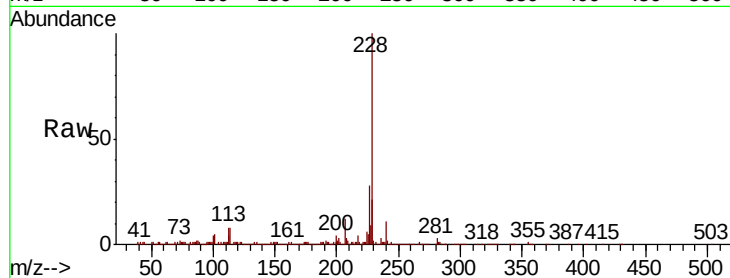
Tgt Ion:228 Resp: 926017

Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.8

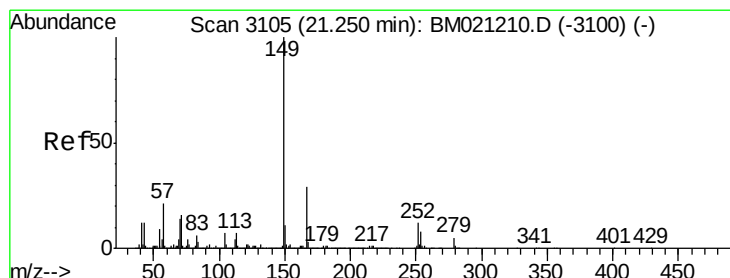
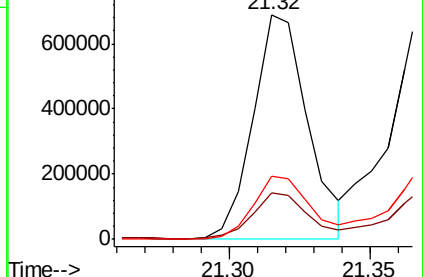
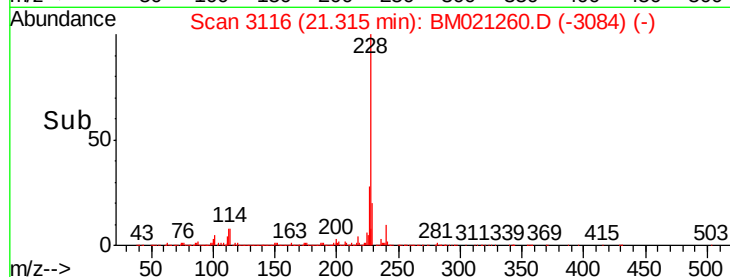
226 28.2 21.4 32.2



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: 10.301 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

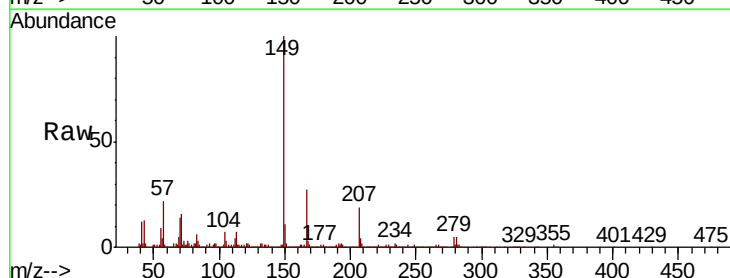
Tgt Ion:149 Resp: 442643

Ion Ratio Lower Upper

149 100

167 27.2 22.3 33.5

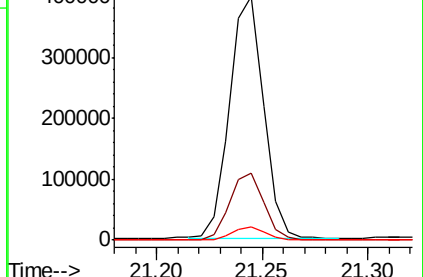
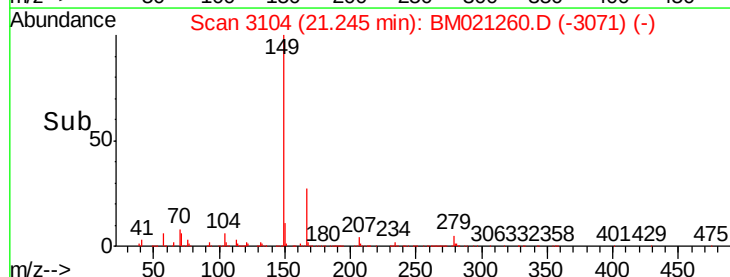
279 5.5 3.8 5.6

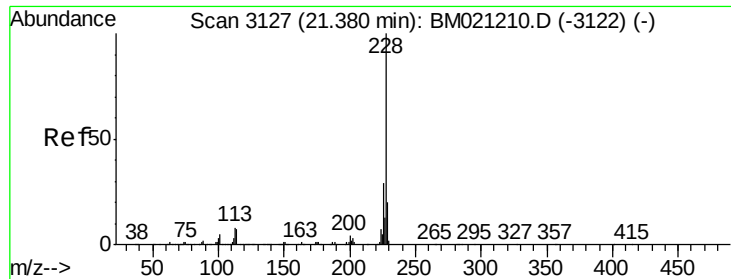


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 14.880 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

Instrument :

BNA_M

ClientSampleId :

C5BC6

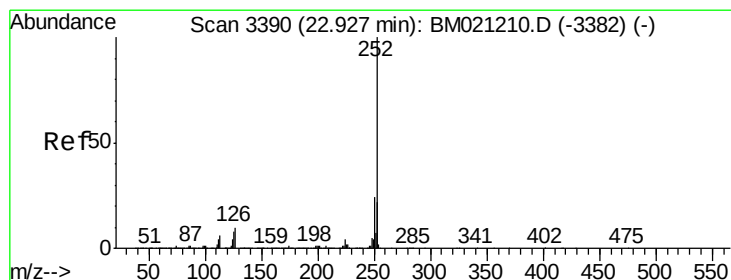
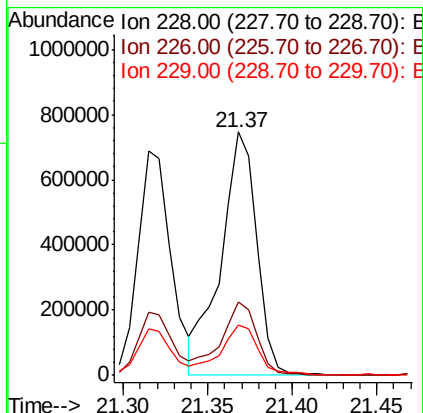
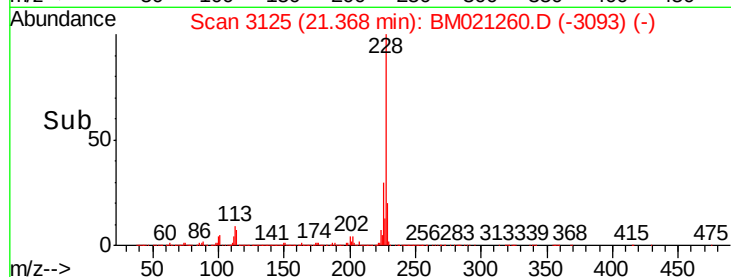
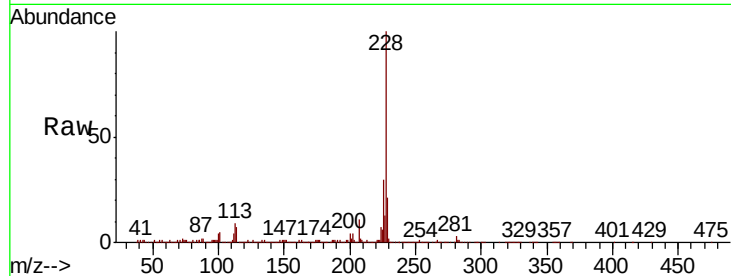
Tgt Ion:228 Resp: 1095680

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 20.6 15.4 23.2



#87

Benzo(b)fluoranthene

Concen: 20.180 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

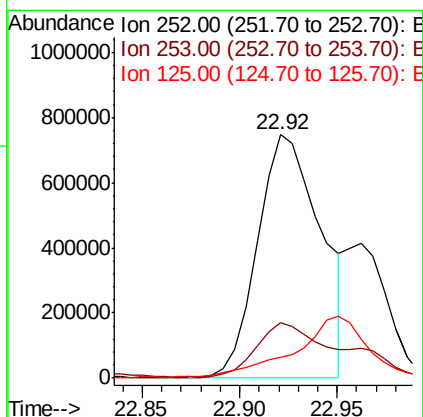
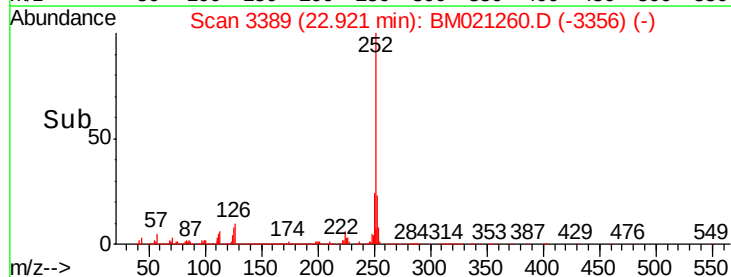
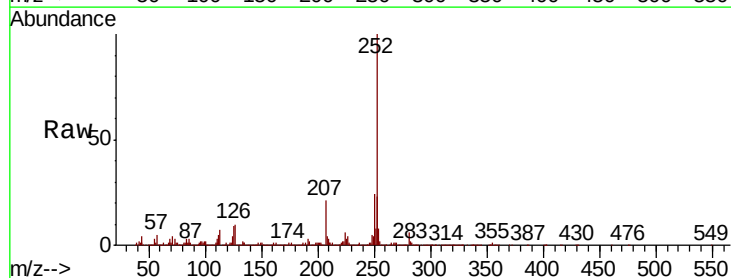
Tgt Ion:252 Resp: 1671520

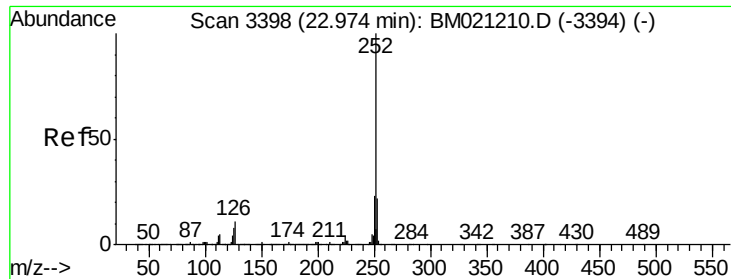
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 8.7 6.3 9.5





#88

Benzo(k)fluoranthene

Concen: 20.977 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.05 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

Instrument :

BNA_M

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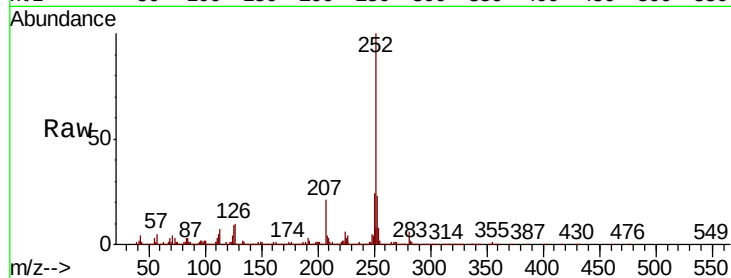
Tgt Ion:252 Resp: 1671520

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

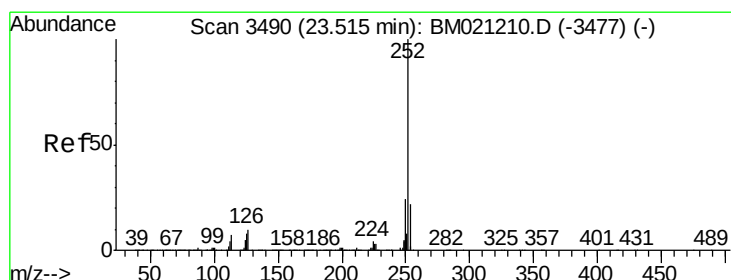
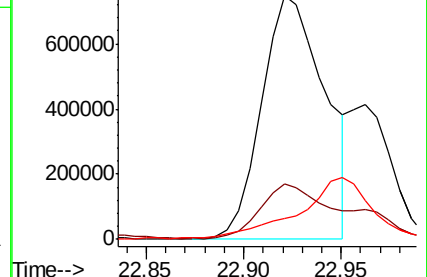
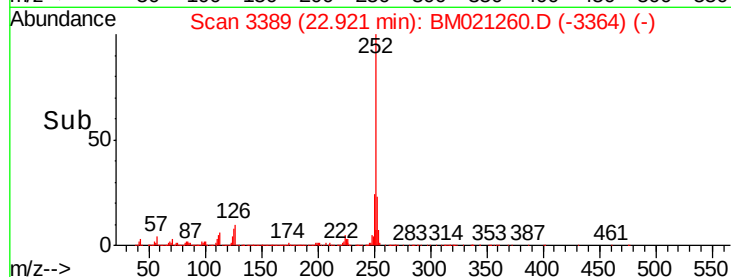
125 8.7 6.6 9.8



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: 12.088 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

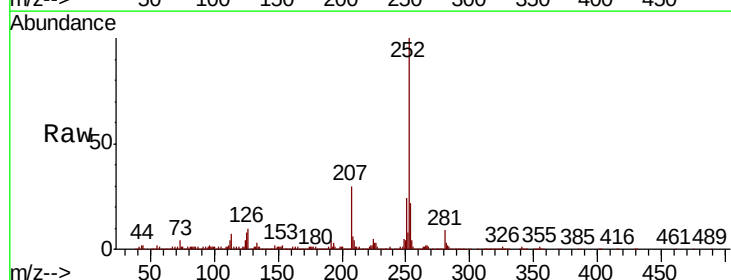
Tgt Ion:252 Resp: 942389

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

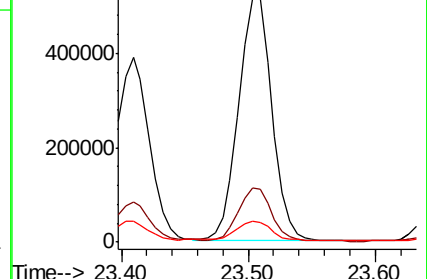
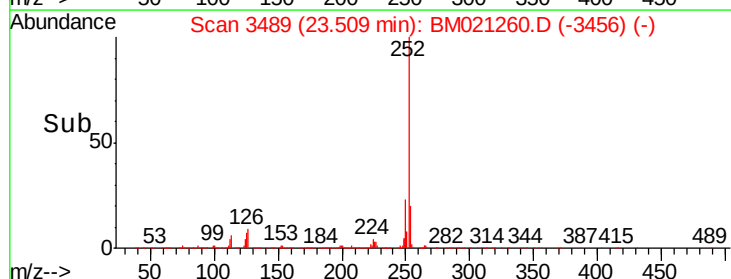
125 8.0 7.2 10.8

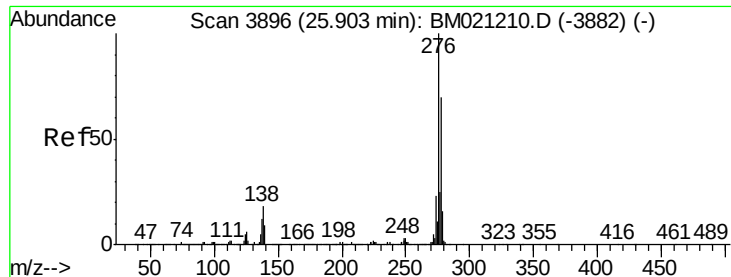


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



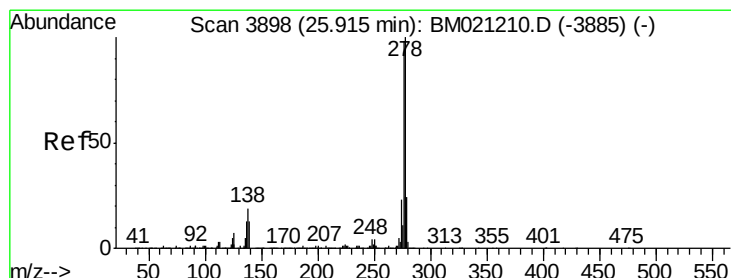
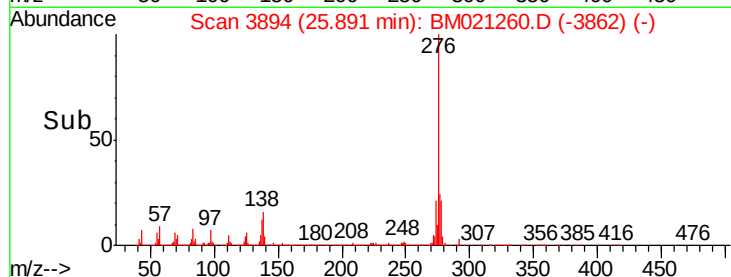
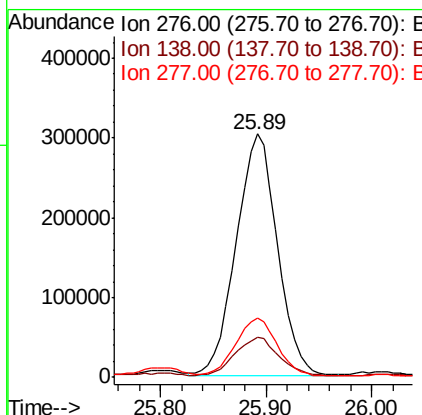
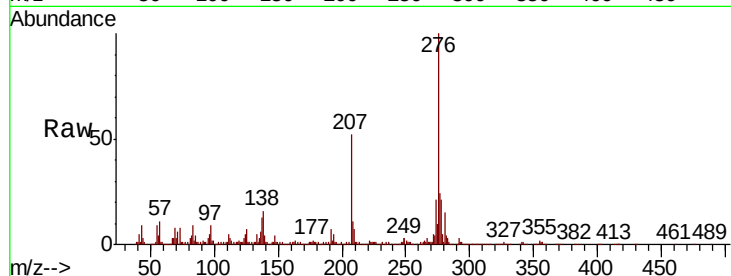


#91

Indeno(1,2,3-cd)pyrene
Concen: 8.922 ng/ul
RT: 25.89 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BM021260.D
Acq: 29 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C5BC6

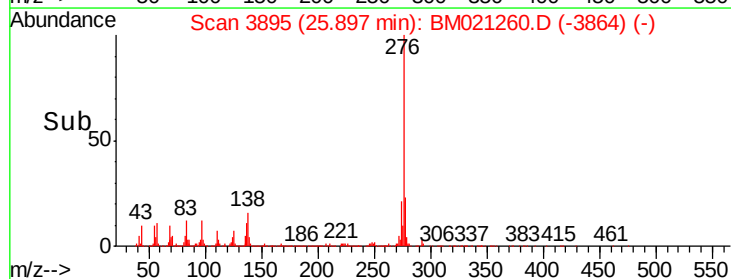
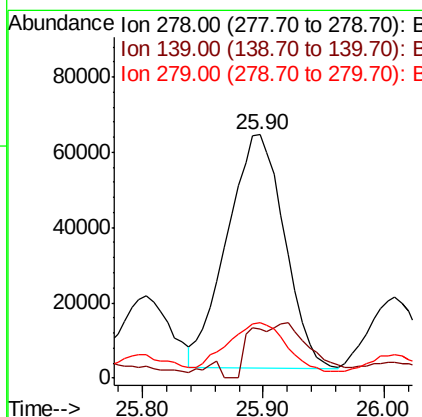
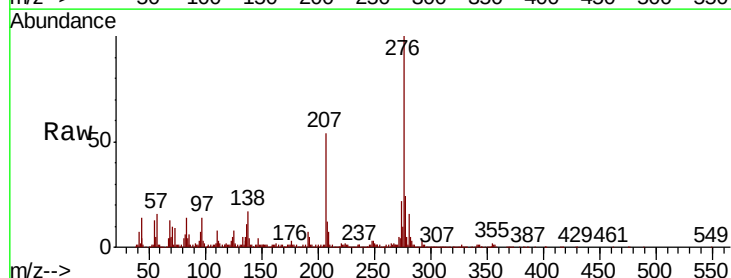
Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.9	23.9
277	24.4	20.4	30.6

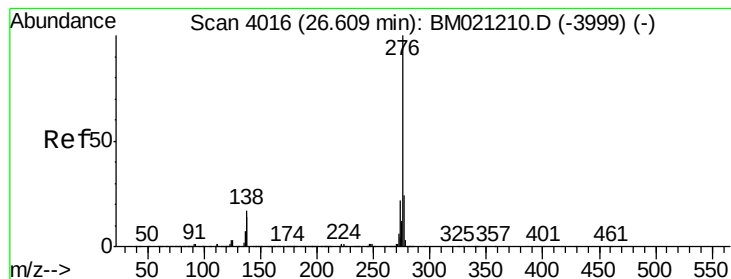


#92

Dibenzo(a,h)anthracene
Concen: 2.661 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.02 min
Lab File: BM021260.D
Acq: 29 Jun 2019 14:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	10.6	15.8#
279	23.0	19.0	28.4





#93

Benzo(g,h,i)perylene

Concen: 8.828 ng/ul

RT: 26.60 min Scan# 4014

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

Instrument :

BNA_M

ClientSampleId :

C5BC6

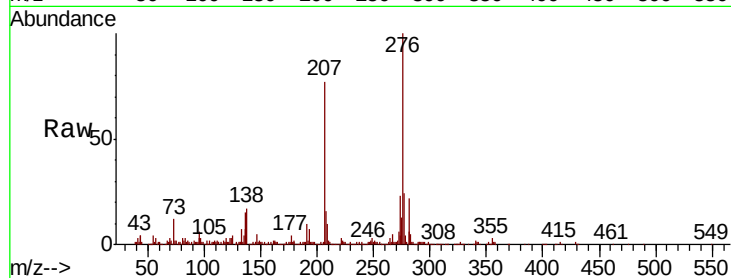
Tgt Ion: 276 Resp: 667446

Ion Ratio Lower Upper

276 100

138 17.0 14.6 21.8

277 24.2 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

