

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021278.D
 Acq On : 30 Jun 2019 00:54
 Operator : HP/JU
 Sample : K3590-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BA0

Quant Time: Jun 30 03:39:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 30 03:35:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	316717	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1364642	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	831595	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1760063	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1289845	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1478428	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	21898	3.28	ng/uL	0.00
5) Phenol-d5	6.93	99	611368	22.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	343322	20.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	505798	22.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	517968	22.51	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	264078	23.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	312256	25.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	605979	24.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	43845	1.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1802643	23.99	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2174053	23.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	229848	18.81	ng/ul	0.00
57) Fluorene-d10	15.40	176	1544237	23.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	156242	14.44	ng/ul	0.00
70) Anthracene-d10	17.25	188	2129186	23.28	ng/ul	0.00
78) Pyrene-d10	19.54	212	1968164	25.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2072862	23.76	ng/ul	0.00

Target Compounds

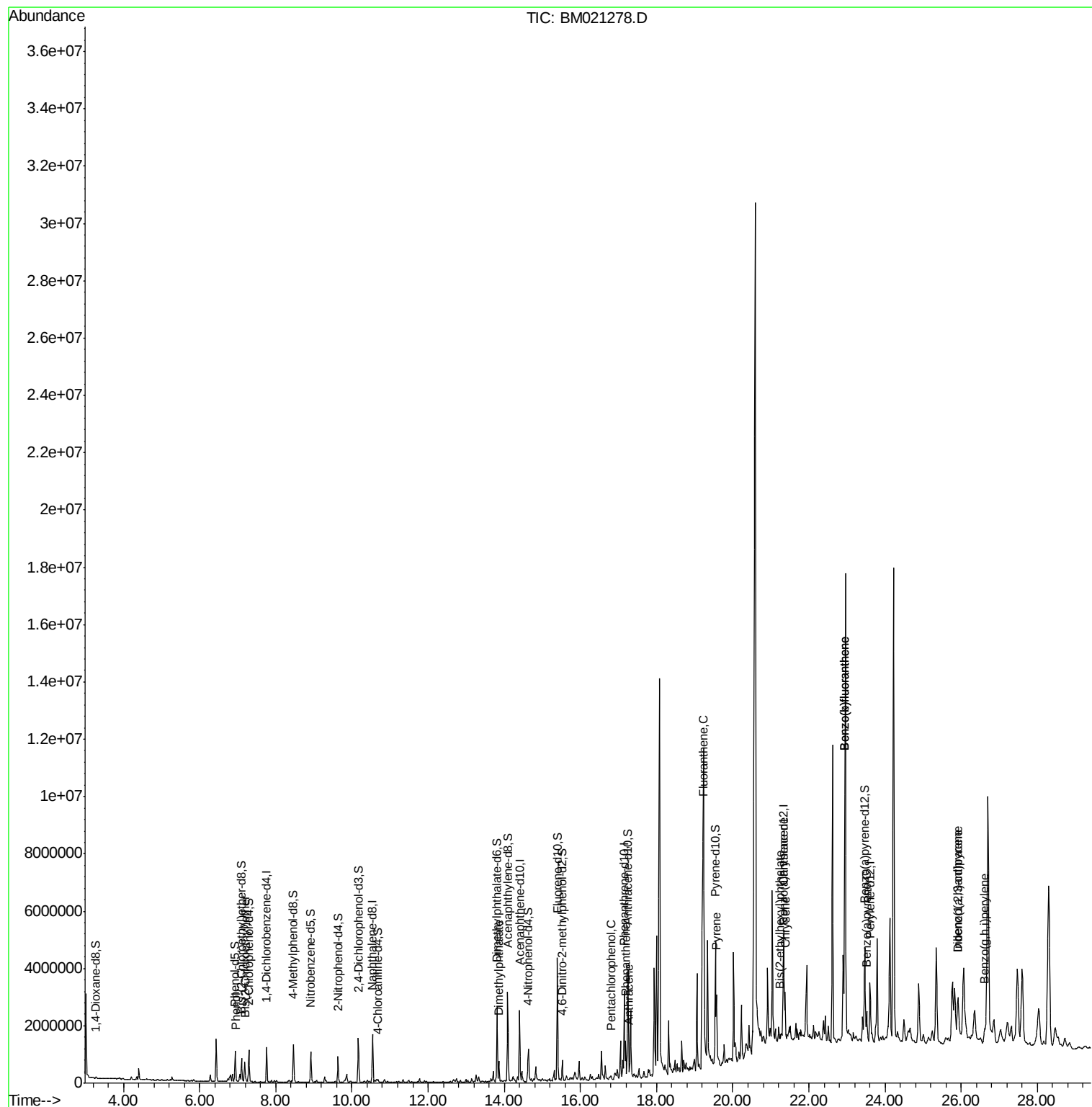
					Qvalue	
6) Phenol	6.96	94	42620	1.635	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.19	93	286302	14.387	ng/ul#	25
44) Dimethylphthalate	13.86	163	471609	6.895	ng/ul	100
68) Pentachlorophenol	16.80	266	19637	1.583	ng/ul	89
69) Phenanthrene	17.19	178	702122	7.213	ng/ul	99
71) Anthracene	17.28	178	121164	1.221	ng/ul	99
76) Fluoranthene	19.21	202	1840265	17.497	ng/ul	99
79) Pyrene	19.57	202	1437297	15.762	ng/ul	100
82) Benzo(a)anthracene	21.32	228	719380	8.181	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.24	149	93068	1.937	ng/ul	96
84) Chrysene	21.37	228	854741	10.378	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	1336134	14.267	ng/ul#	90
88) Benzo(k)fluoranthene	22.93	252	1336134	14.830	ng/ul#	90
90) Benzo(a)pyrene	23.51	252	772487	8.764	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	665603	6.413	ng/ul	95
92) Dibenzo(a,h)anthracene	25.91	278	167064	1.913	ng/ul#	80
93) Benzo(g,h,i)perylene	26.61	276	613441	7.176	ng/ul	97

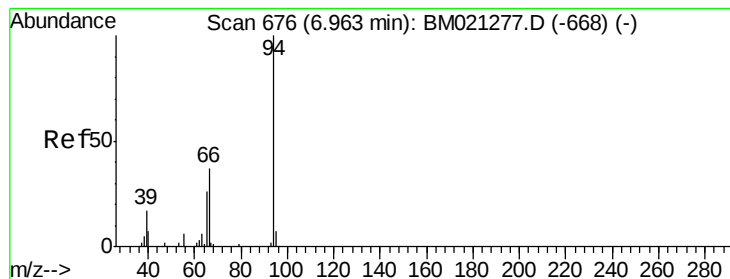
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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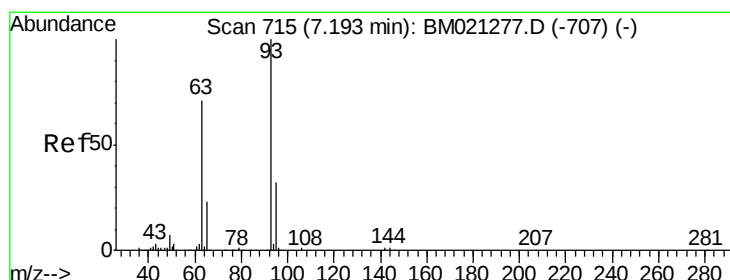
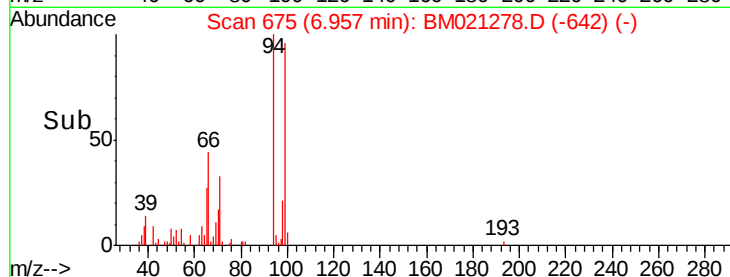
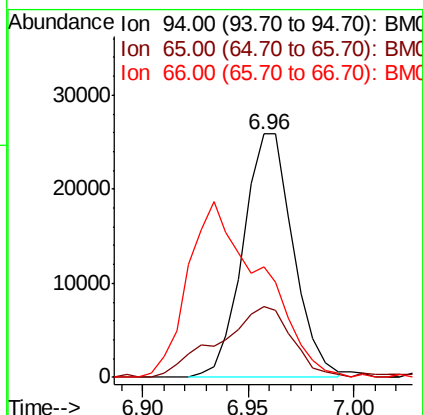
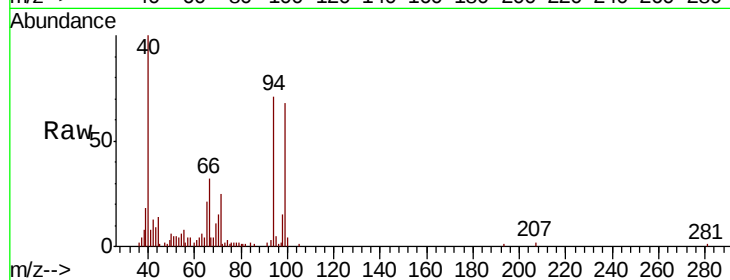
#6

Phenol

Concen: 1.635 ng/ul
 RT: 6.96 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BM021278.D
 Acq: 30 Jun 2019 00:54

Instrument :
 BNA_M
 ClientSampleId :
 C5BA0

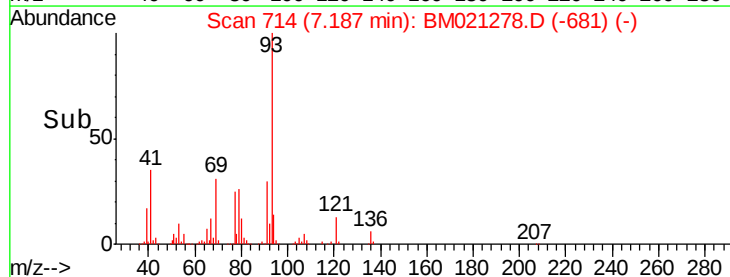
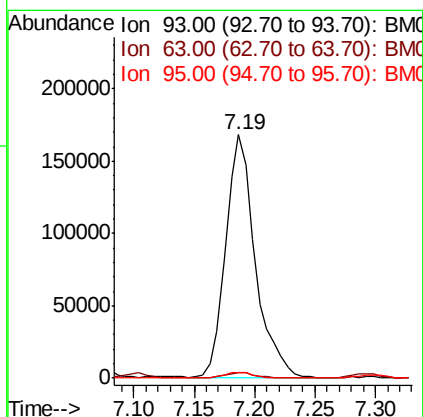
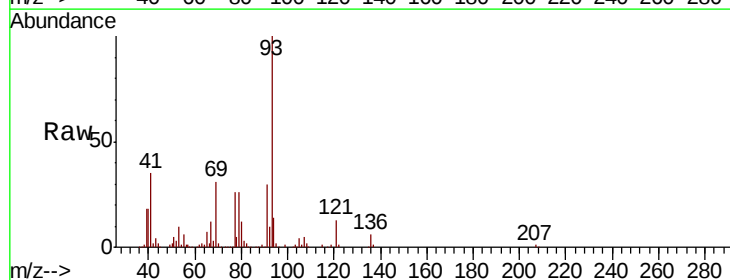
Tgt Ion: 94 Resp: 42620
 Ion Ratio Lower Upper
 94 100
 65 28.9 22.6 34.0
 66 45.4 31.2 46.8

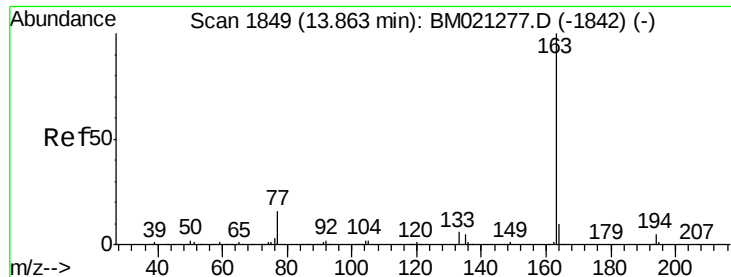


#8

Bis(2-Chloroethyl)ether
 Concen: 14.387 ng/ul
 RT: 7.19 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BM021278.D
 Acq: 30 Jun 2019 00:54

Tgt Ion: 93 Resp: 286302
 Ion Ratio Lower Upper
 93 100
 63 2.3 57.9 86.9#
 95 2.2 26.2 39.4#





#44

Dimethylphthalate

Concen: 6.895 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

Instrument :

BNA_M

ClientSampleId :

C5BA0

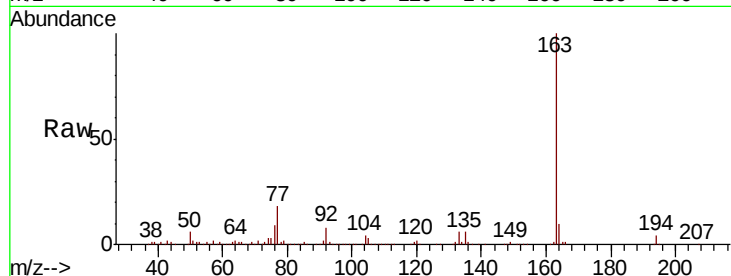
Tgt Ion:163 Resp: 471609

Ion Ratio Lower Upper

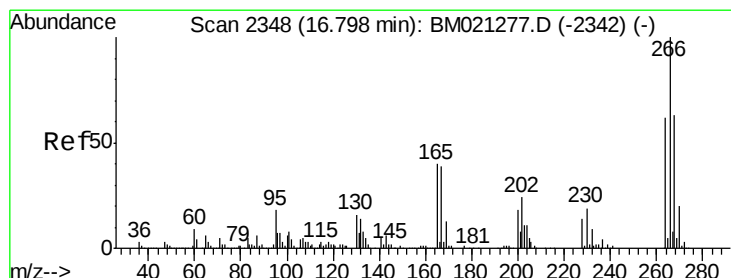
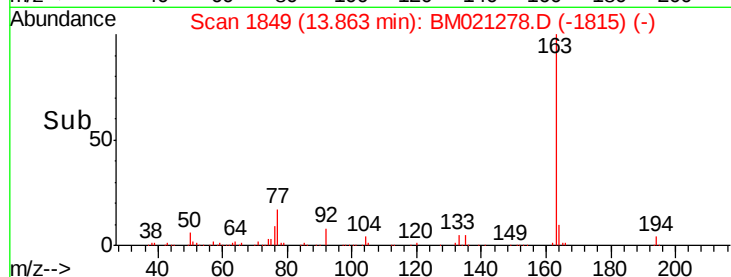
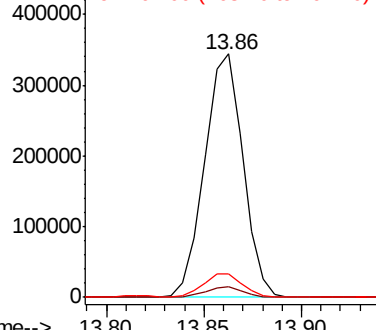
163 100

194 4.3 3.4 5.2

164 9.7 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#68

Pentachlorophenol

Concen: 1.583 ng/ul

RT: 16.80 min Scan# 2349

Delta R.T. 0.01 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

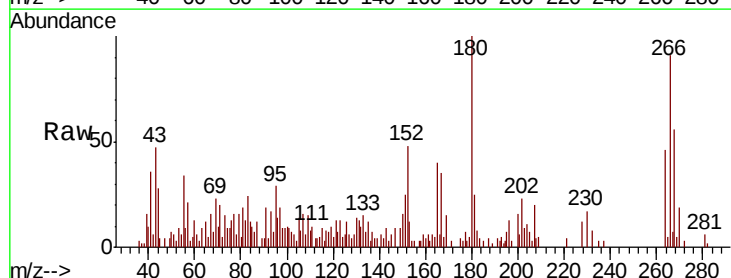
Tgt Ion:266 Resp: 19637

Ion Ratio Lower Upper

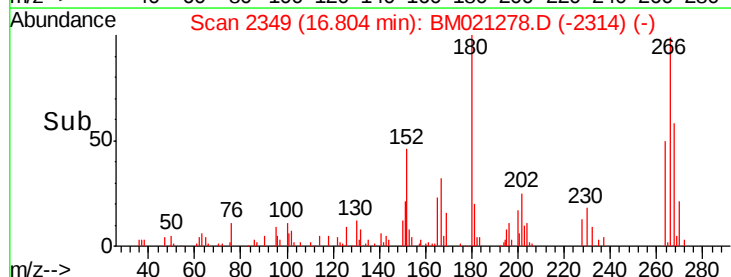
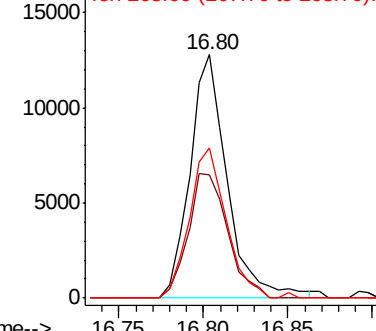
266 100

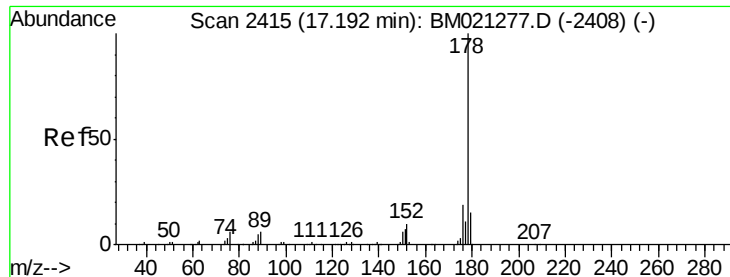
264 50.5 49.9 74.9

268 61.6 53.4 80.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 7.213 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

Instrument :

BNA_M

ClientSampleId :

C5BA0

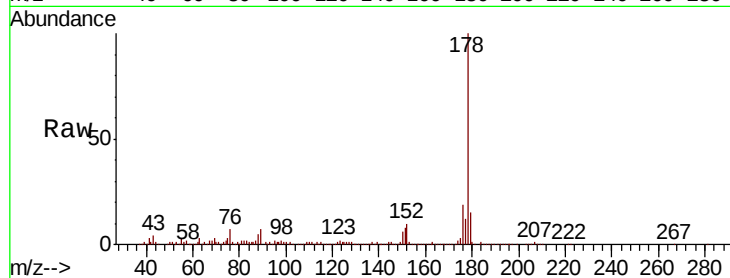
Tgt Ion:178 Resp: 702122

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

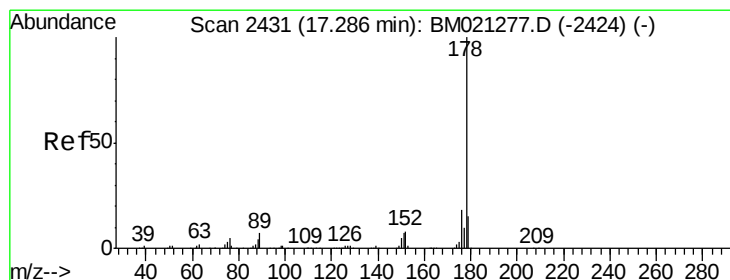
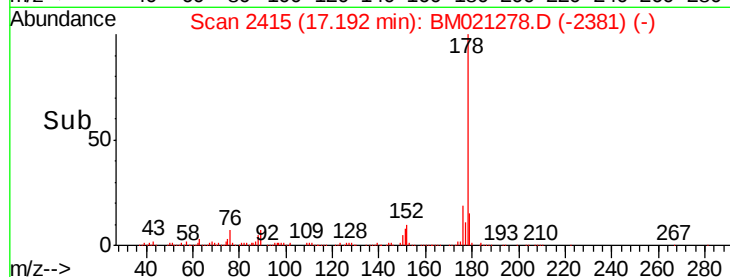
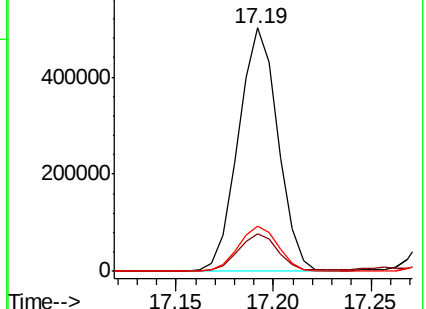
176 18.6 15.0 22.6



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



#71

Anthracene

Concen: 1.221 ng/ul

RT: 17.28 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

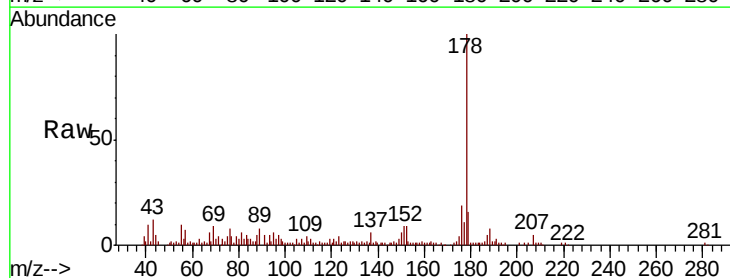
Tgt Ion:178 Resp: 121164

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

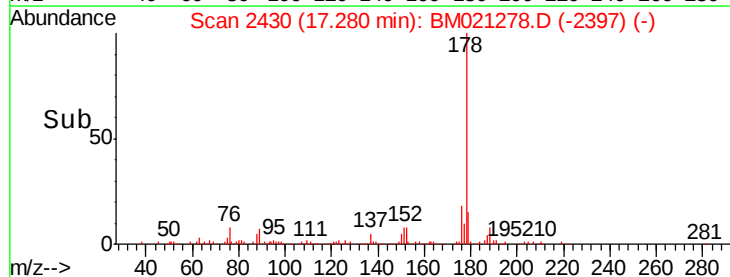
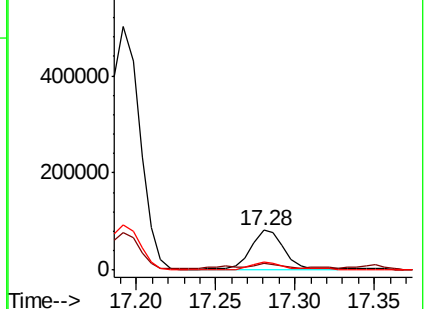
176 19.1 14.6 21.8

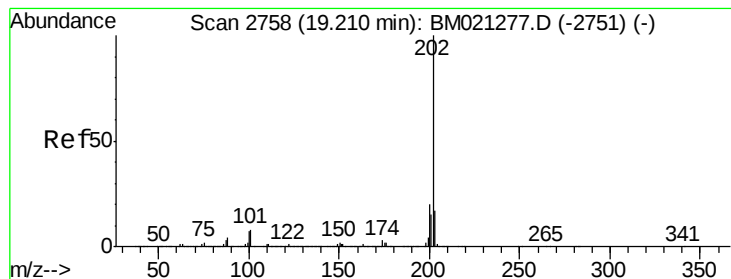


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 17.497 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

Instrument :

BNA_M

ClientSampleId :

C5BA0

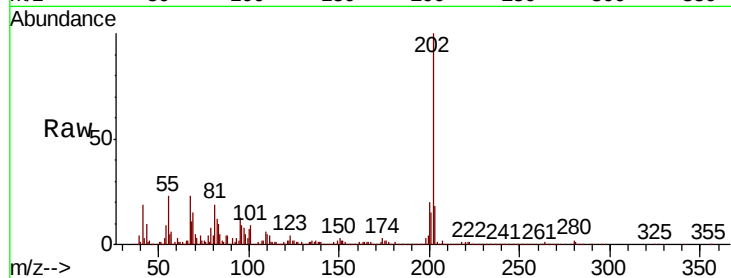
Tgt Ion:202 Resp: 1840265

Ion Ratio Lower Upper

202 100

101 8.8 6.7 10.1

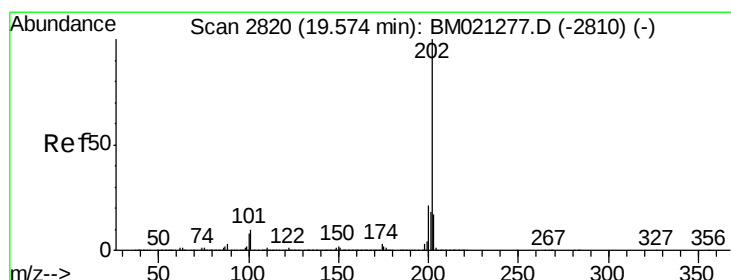
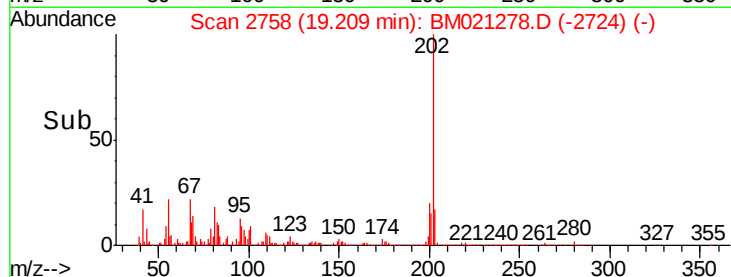
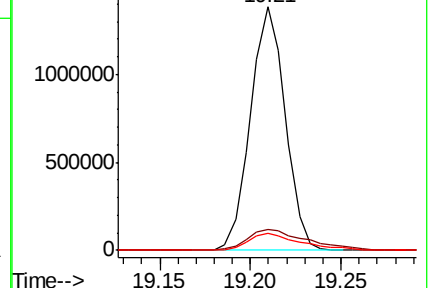
100 6.9 5.5 8.3



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: 15.762 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

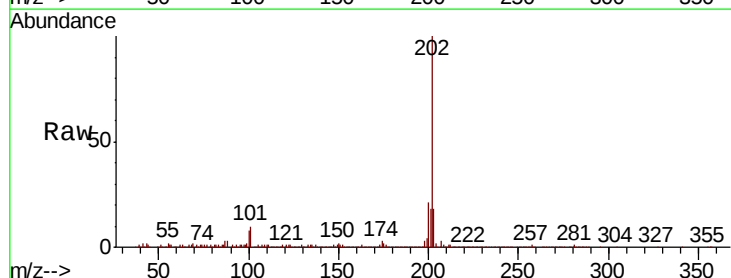
Tgt Ion:202 Resp: 1437297

Ion Ratio Lower Upper

202 100

101 10.1 8.1 12.1

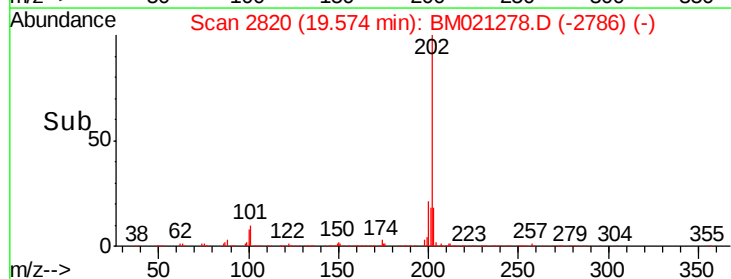
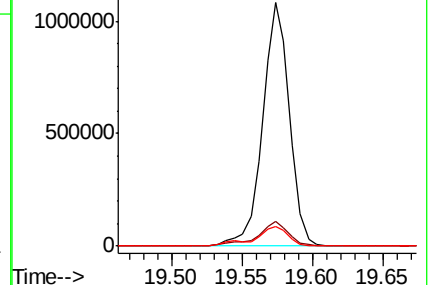
100 8.2 6.6 10.0

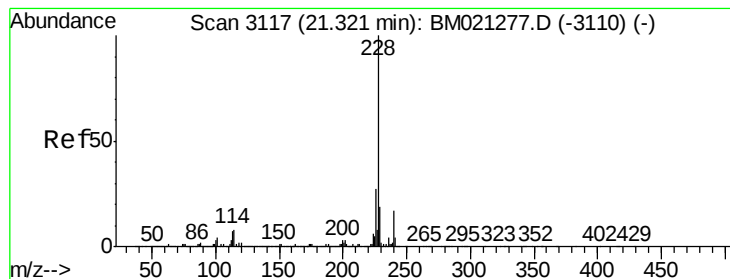


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 8.181 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

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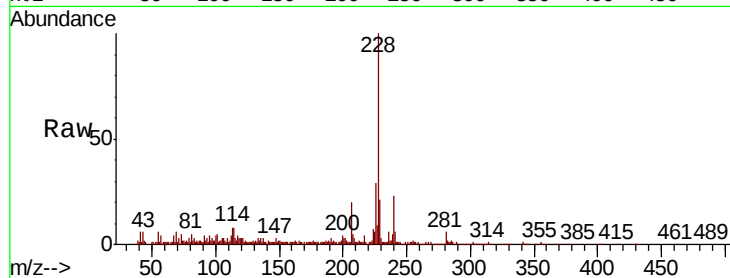
Tgt Ion:228 Resp: 719380

Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.8

226 28.5 21.4 32.2

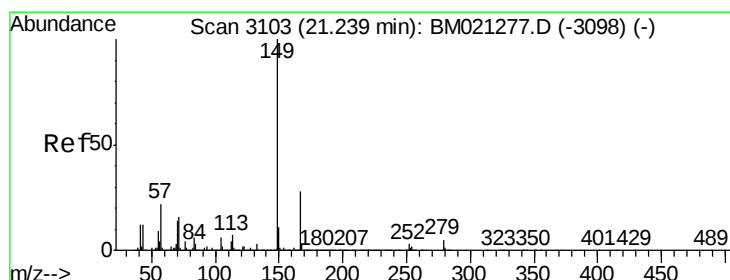
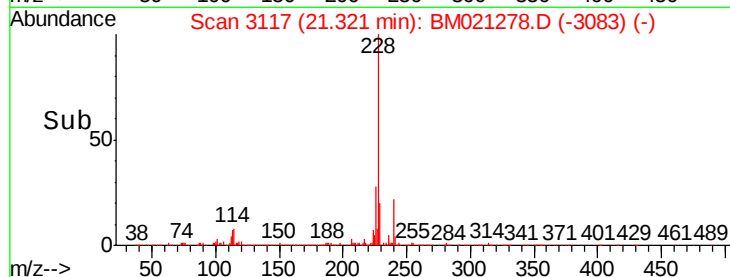
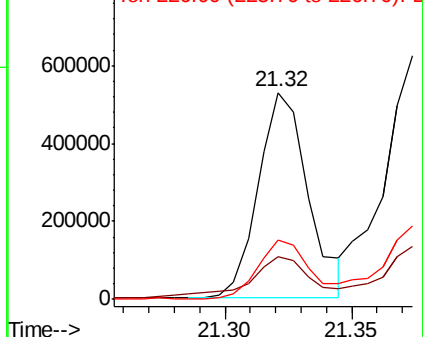


Abundance

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: 1.937 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

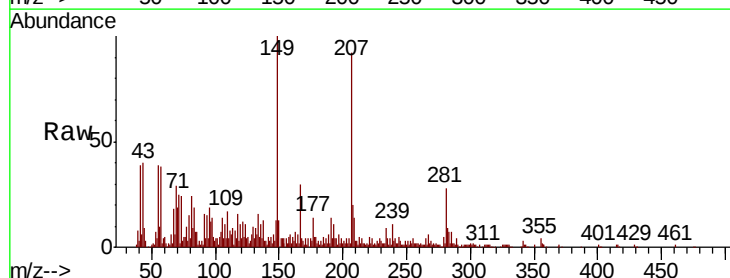
Tgt Ion:149 Resp: 93068

Ion Ratio Lower Upper

149 100

167 30.5 22.3 33.5

279 5.2 3.8 5.6

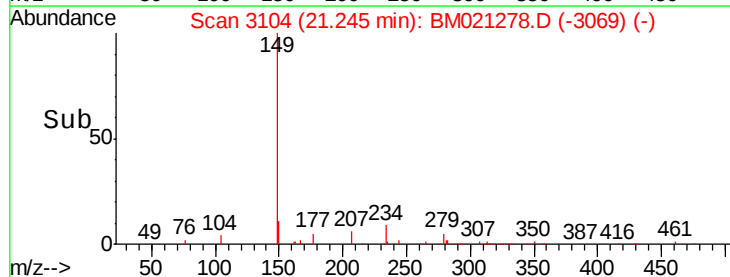
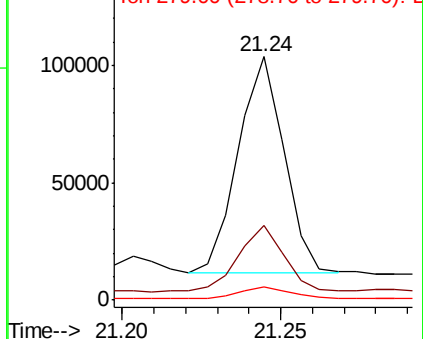


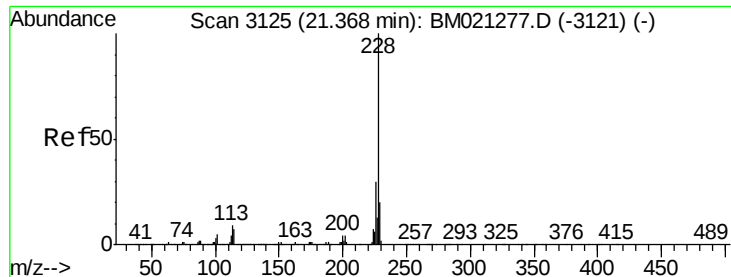
Abundance

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: 10.378 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

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C5BA0

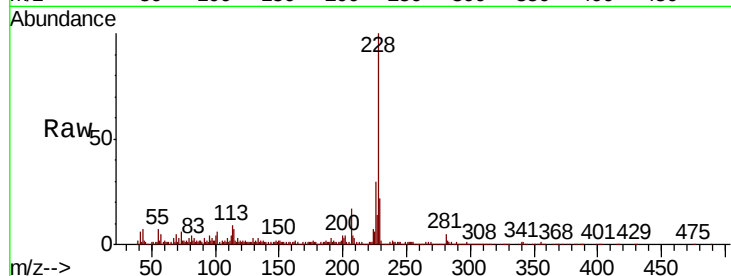
Tgt Ion:228 Resp: 854741

Ion Ratio Lower Upper

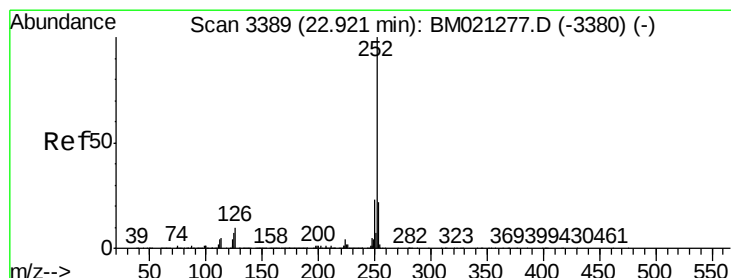
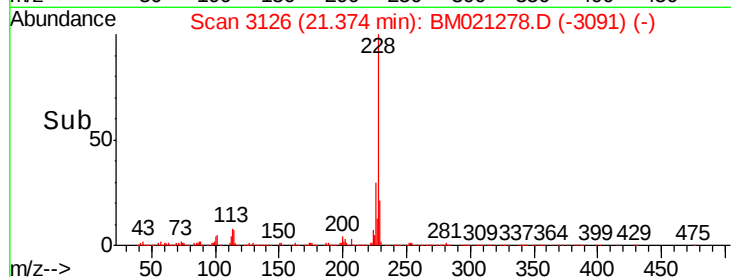
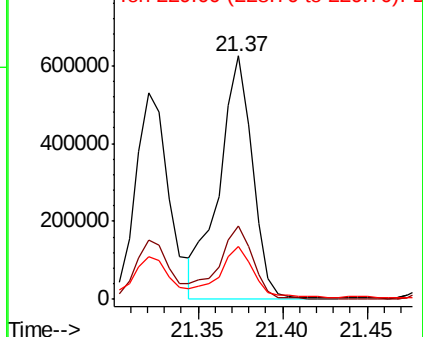
228 100

226 30.1 23.9 35.9

229 22.0 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: 14.267 ng/ul

RT: 22.93 min Scan# 3391

Delta R.T. 0.01 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

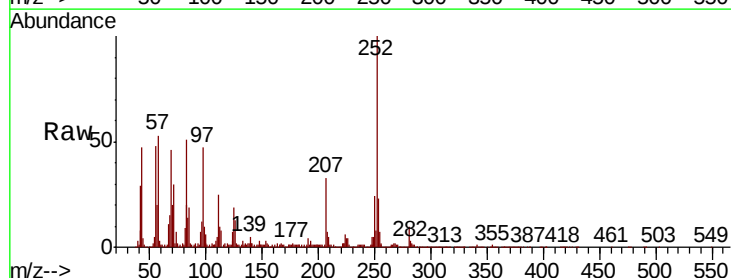
Tgt Ion:252 Resp: 1336134

Ion Ratio Lower Upper

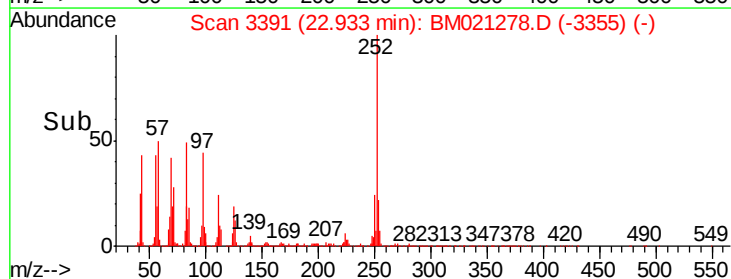
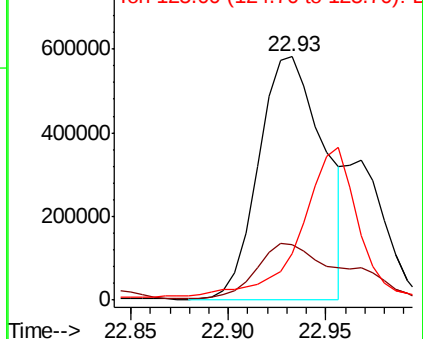
252 100

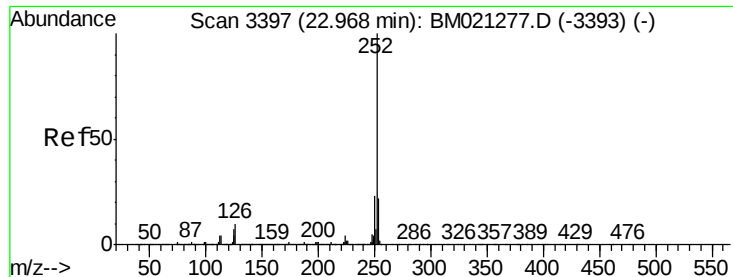
253 22.6 17.5 26.3

125 19.2 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: 14.830 ng/ul

RT: 22.93 min Scan# 3391

Delta R.T. -0.04 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

Instrument :

BNA_M

ClientSampleId :

C5BA0

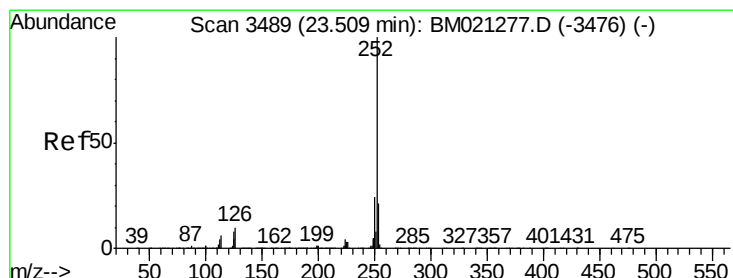
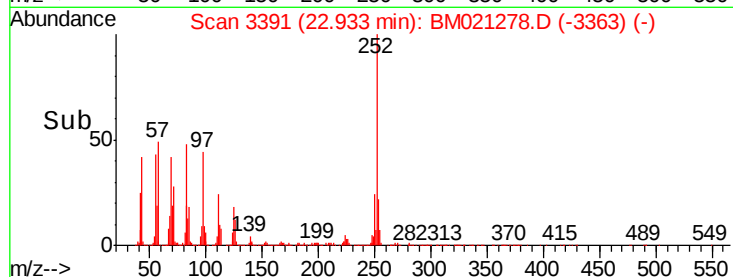
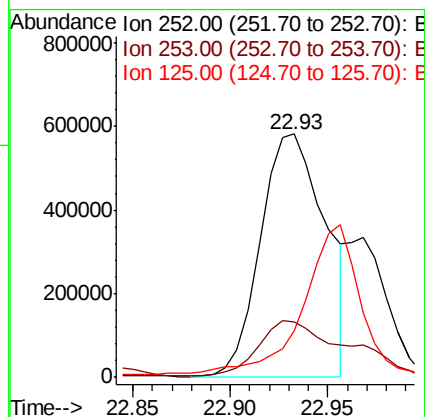
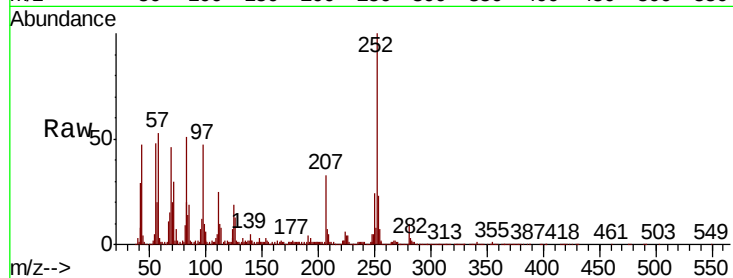
Tgt Ion:252 Resp: 1336134

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 19.2 6.6 9.8#



#90

Benzo(a)pyrene

Concen: 8.764 ng/ul

RT: 23.51 min Scan# 3490

Delta R.T. 0.01 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

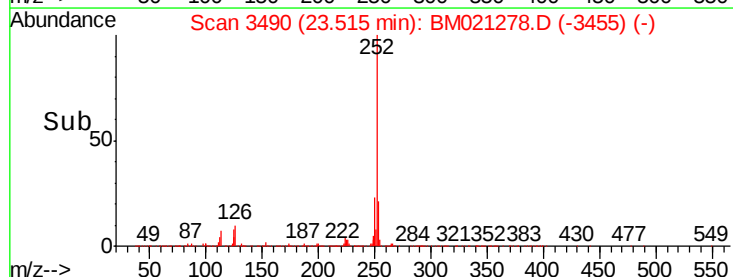
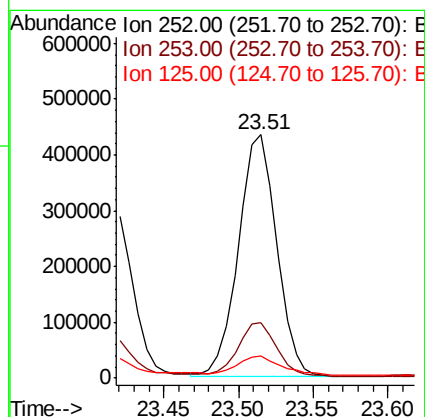
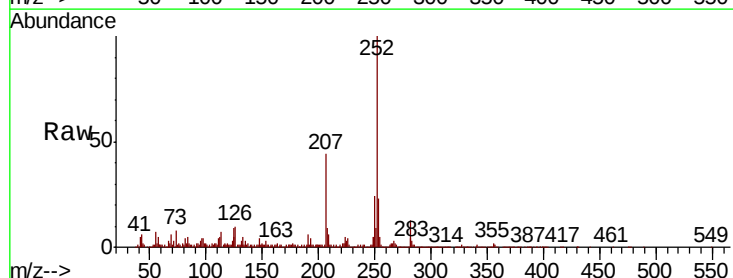
Tgt Ion:252 Resp: 772487

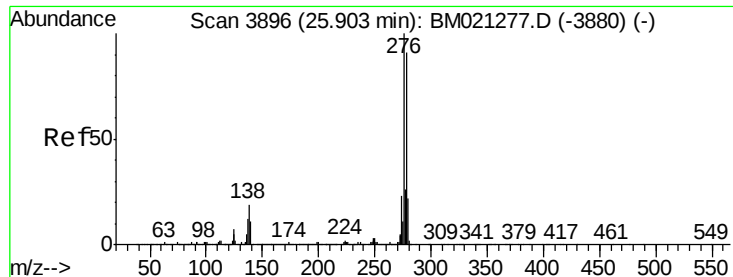
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 9.1 7.2 10.8





#91

Indeno(1,2,3-cd)pyrene

Concen: 6.413 ng/ul

RT: 25.91 min Scan# 3897

Delta R.T. 0.01 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

Instrument :

BNA_M

ClientSampleId :

C5BA0

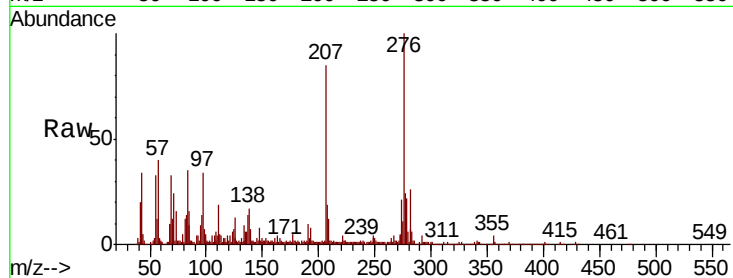
Tgt Ion:276 Resp: 665603

Ion Ratio Lower Upper

276 100

138 16.6 15.9 23.9

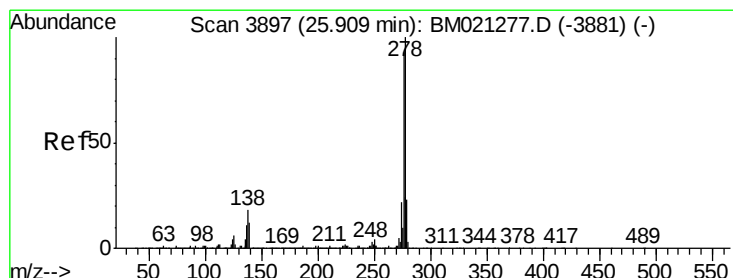
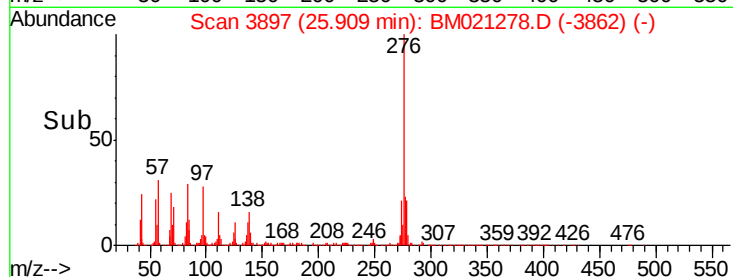
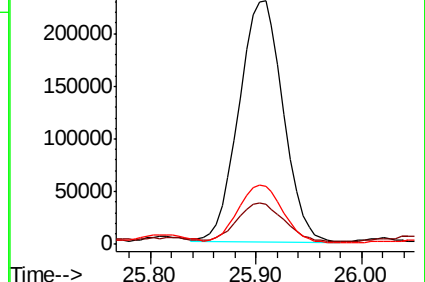
277 23.8 20.4 30.6



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: 1.913 ng/ul

RT: 25.91 min Scan# 3898

Delta R.T. 0.01 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

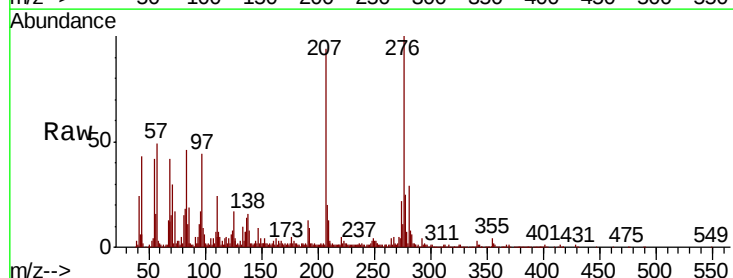
Tgt Ion:278 Resp: 167064

Ion Ratio Lower Upper

278 100

139 31.8 10.6 15.8#

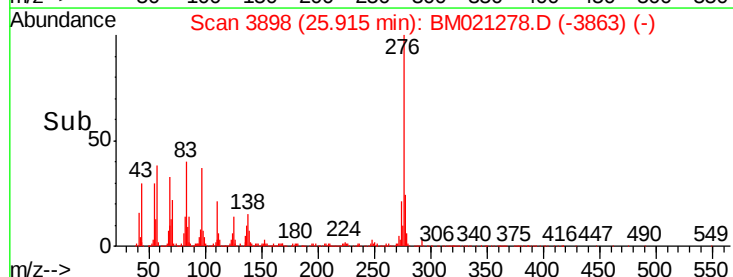
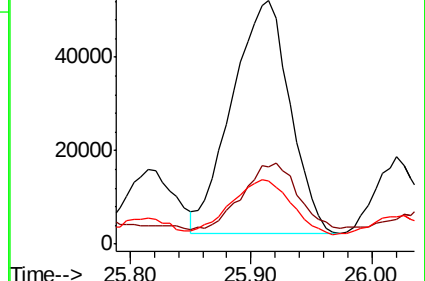
279 26.1 19.0 28.4

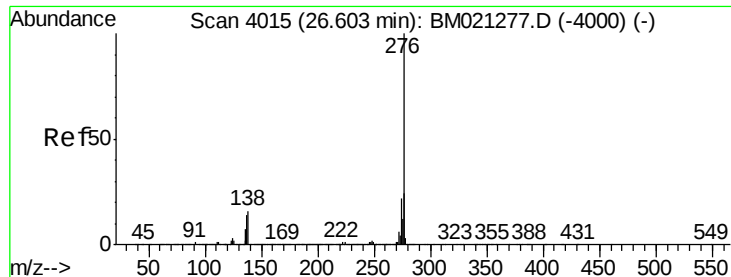


Abundance Ion 278.00 (277.70 to 278.70): E

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: 7.176 ng/ul

RT: 26.61 min Scan# 4017

Delta R.T. 0.01 min

Lab File: BM021278.D

Acq: 30 Jun 2019 00:54

Instrument :

BNA_M

ClientSampleId :

C5BA0

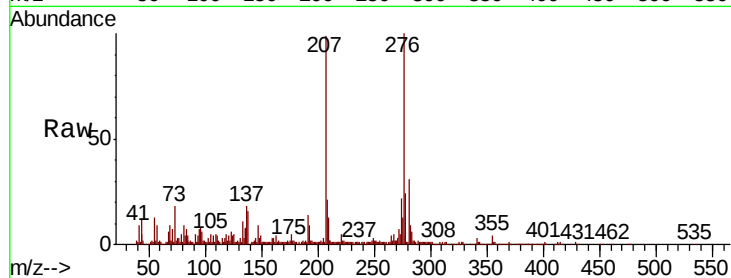
Tgt Ion: 276 Resp: 613441

Ion Ratio Lower Upper

276 100

138 16.2 14.6 21.8

277 24.3 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

