

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021294.D
 Acq On : 30 Jun 2019 12:20
 Operator : HP/JU
 Sample : K3590-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BB4

Quant Time: Jul 01 00:29:52 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	327558	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1387959	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	812181	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1553669	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1247647	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	1526158	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	17554	2.54	ng/uL	0.00
5) Phenol-d5	6.93	99	462332	16.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	266701	15.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	390745	16.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	333504	14.01	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	204429	18.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	244793	19.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	458046	18.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	158268	5.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1385910	18.89	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1641707	18.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	161219	13.51	ng/ul	0.00
57) Fluorene-d10	15.39	176	1149816	18.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	89924	9.42	ng/ul	0.00
70) Anthracene-d10	17.25	188	1550279	19.20	ng/ul	0.00
78) Pyrene-d10	19.54	212	1443894	19.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1711632	19.01	ng/ul	0.01

Target Compounds

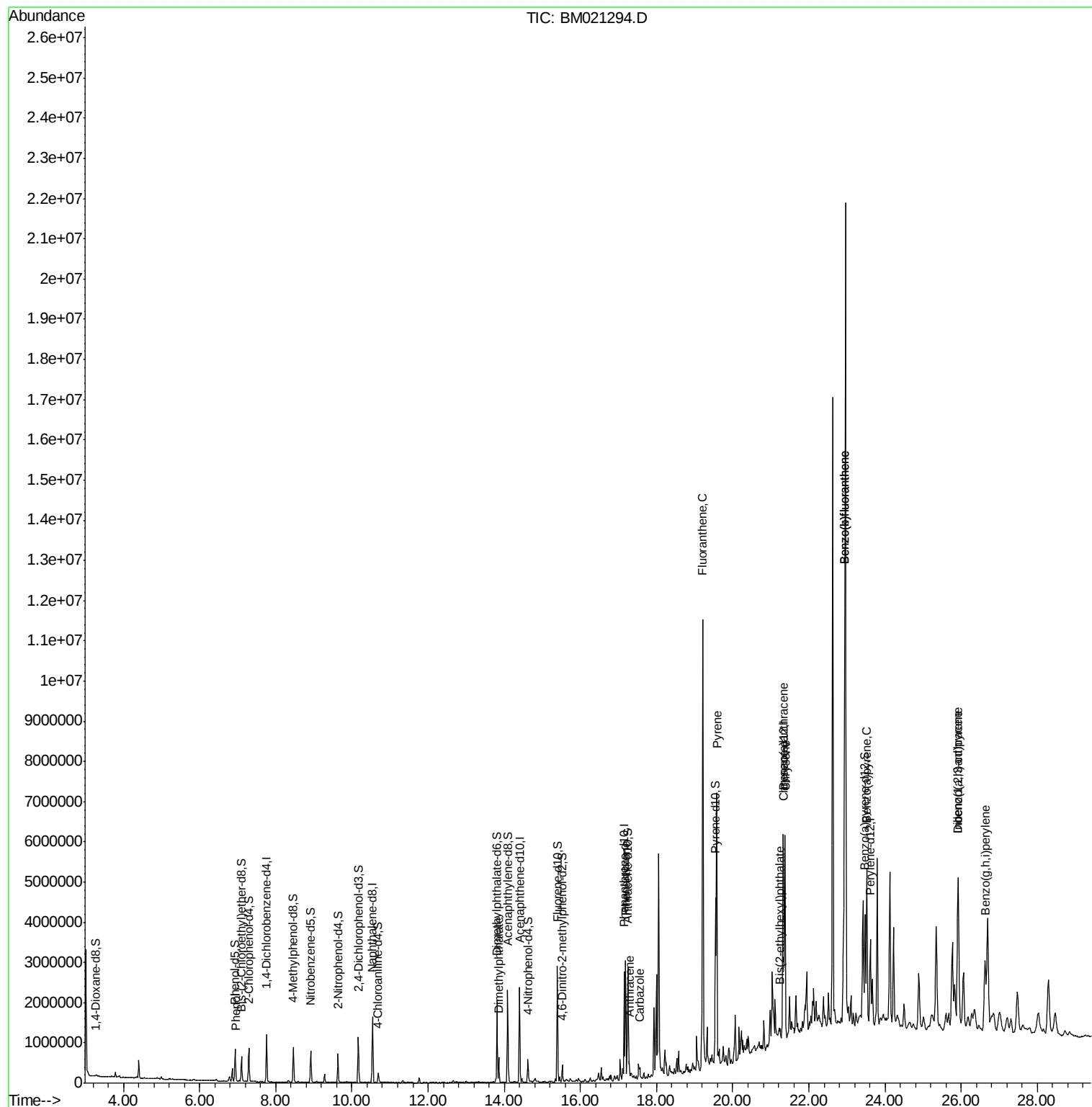
					Qvalue
6) Phenol	6.96	94	32566	1.208 ng/ul	94
44) Dimethylphthalate	13.86	163	387382	5.799 ng/ul	98
69) Phenanthrene	17.19	178	1714830	19.957 ng/ul	100
71) Anthracene	17.28	178	273458	3.123 ng/ul	99
74) Carbazole	17.56	167	172110	2.385 ng/ul	99
76) Fluoranthene	19.21	202	5266051	56.719 ng/ul	99
79) Pyrene	19.58	202	4303945	48.795 ng/ul	98
82) Benzo(a)anthracene	21.32	228	2409266	28.325 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	75551	1.625 ng/ul	99
84) Chrysene	21.37	228	2882674	36.186 ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	4895218	50.636 ng/ul#	97
88) Benzo(k)fluoranthene	22.93	252	4895218	52.634 ng/ul	98
90) Benzo(a)pyrene	23.52	252	2921486	32.107 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	2486814	23.209 ng/ul	95
92) Dibenzo(a,h)anthracene	25.91	278	612260	6.793 ng/ul#	89
93) Benzo(g,h,i)perylene	26.63	276	2303074	26.098 ng/ul	98

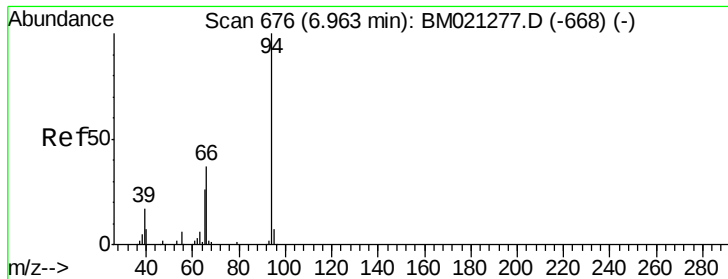
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.208 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

Instrument :

BNA_M

ClientSampled :

C5BB4

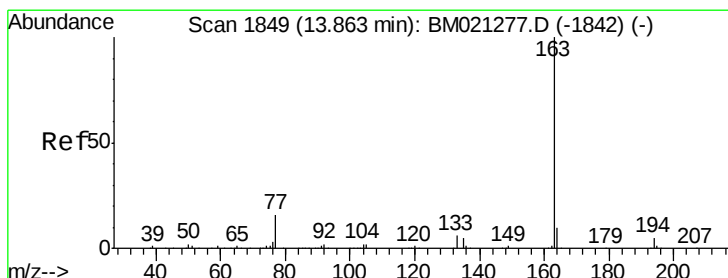
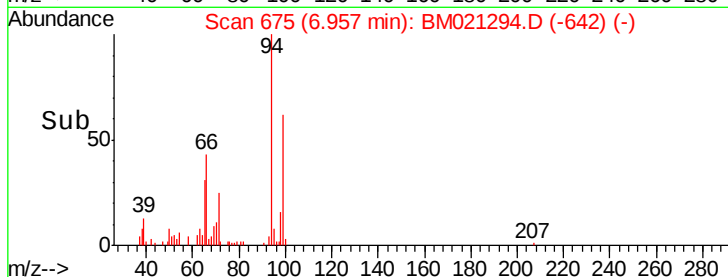
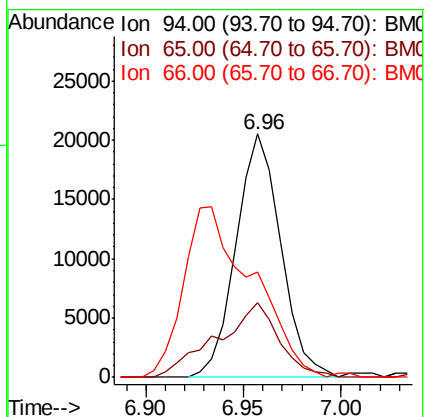
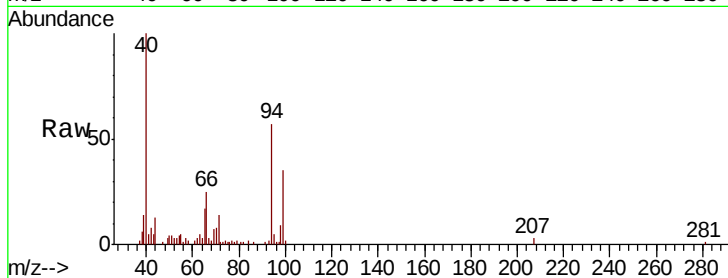
Tgt Ion: 94 Resp: 32566

Ion Ratio Lower Upper

94 100

65 30.7 22.6 34.0

66 43.4 31.2 46.8



#44

Dimethylphthalate

Concen: 5.799 ng/ul

RT: 13.86 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

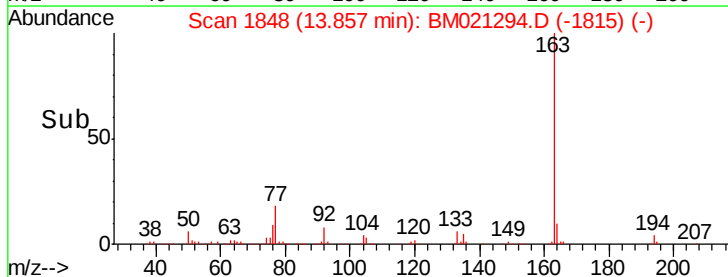
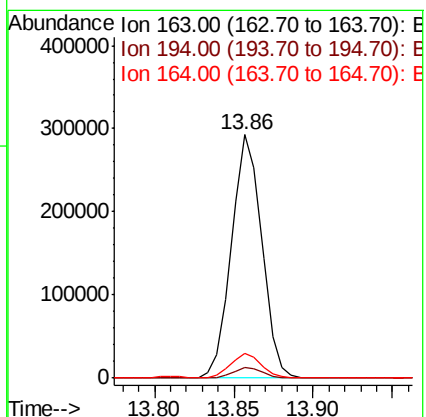
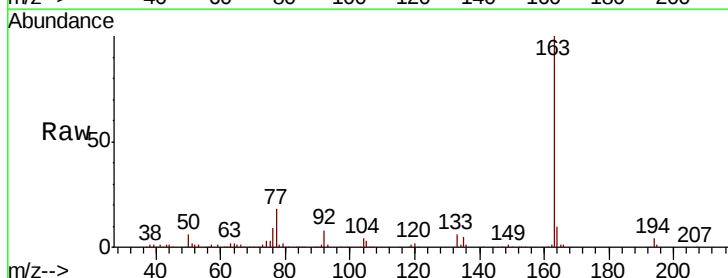
Tgt Ion: 163 Resp: 387382

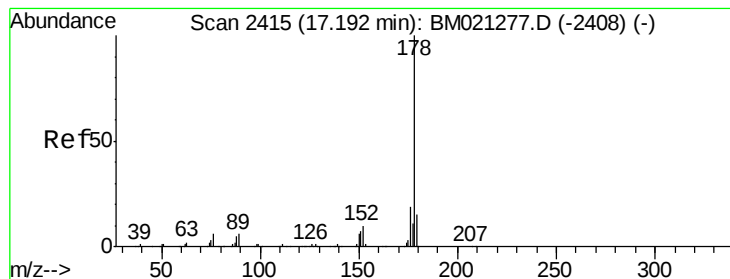
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.4 7.7 11.5





#69

Phenanthrene

Concen: 19.957 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

Instrument :

BNA_M

ClientSampleId :

C5BB4

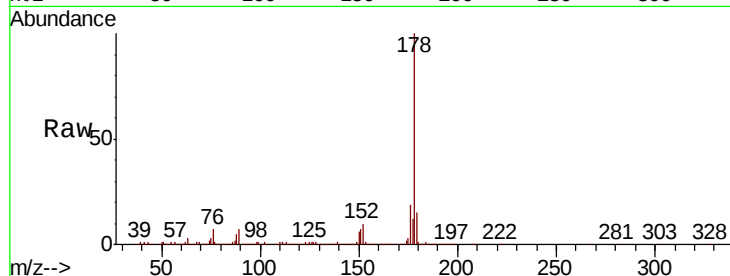
Tgt Ion:178 Resp: 1714830

Ion Ratio Lower Upper

178 100

179 15.1 11.8 17.8

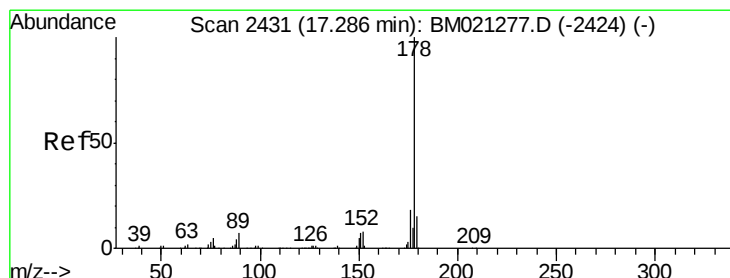
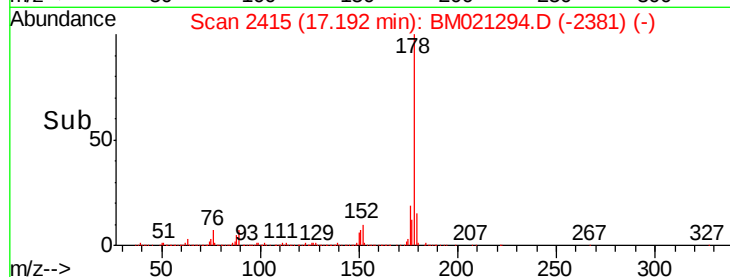
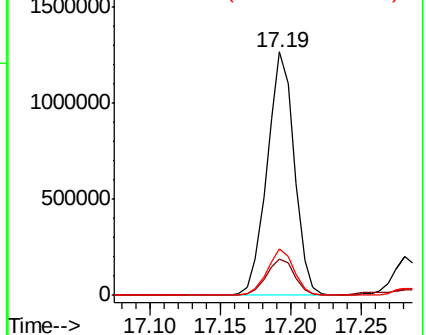
176 18.9 15.0 22.6



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: 3.123 ng/ul

RT: 17.28 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

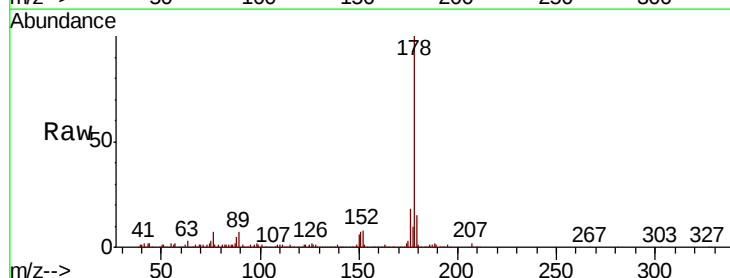
Tgt Ion:178 Resp: 273458

Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

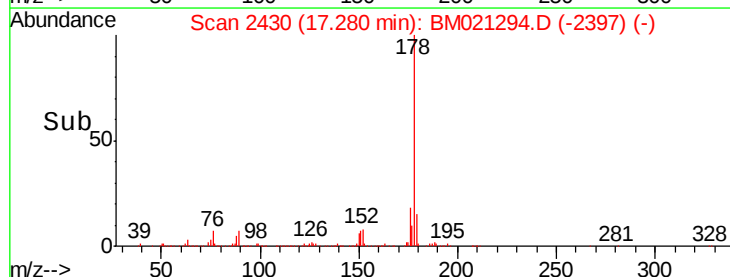
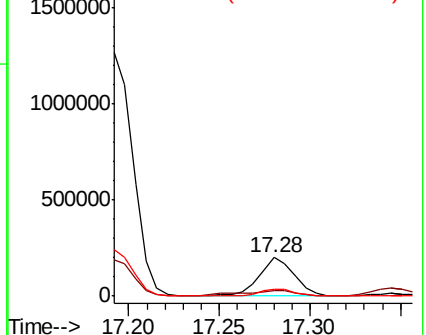
176 18.2 14.6 21.8

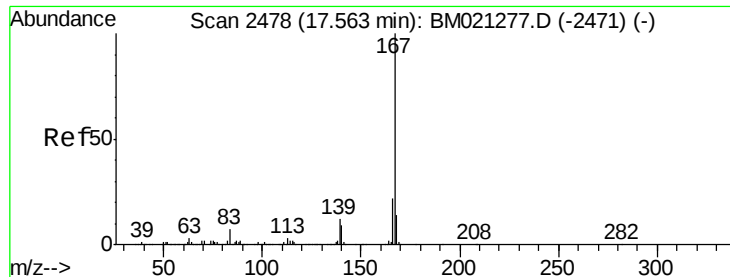


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 2.385 ng/ul

RT: 17.56 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

Instrument :

BNA_M

ClientSampleId :

C5BB4

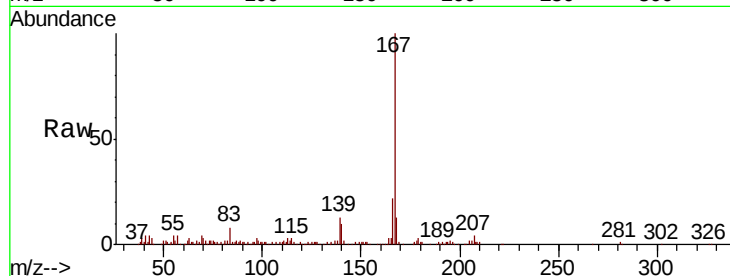
Tgt Ion:167 Resp: 172110

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

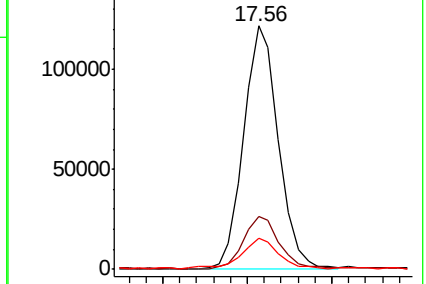
139 13.0 9.8 14.6



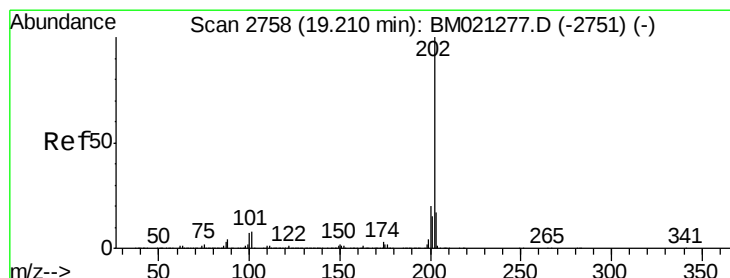
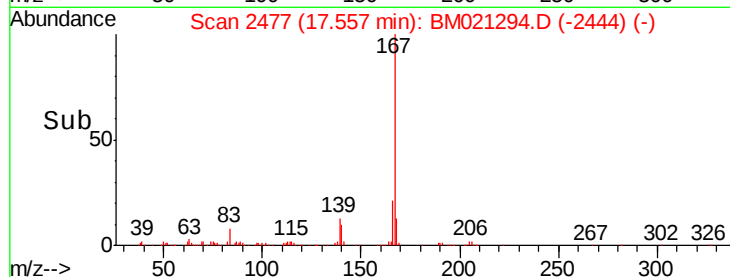
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#76

Fluoranthene

Concen: 56.719 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

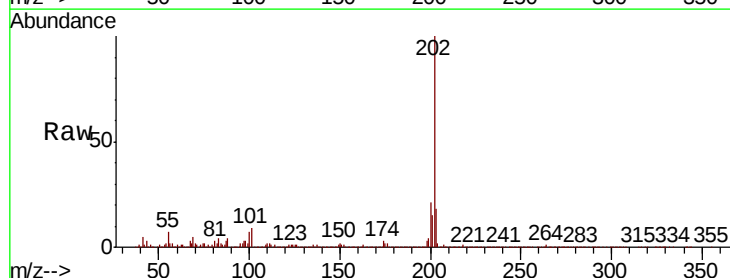
Tgt Ion:202 Resp: 5266051

Ion Ratio Lower Upper

202 100

101 9.0 6.7 10.1

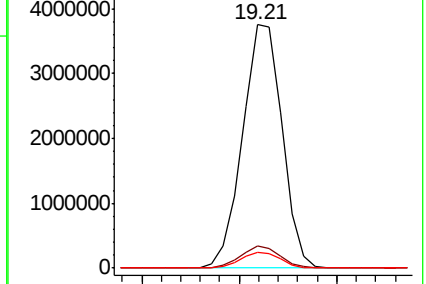
100 6.7 5.5 8.3



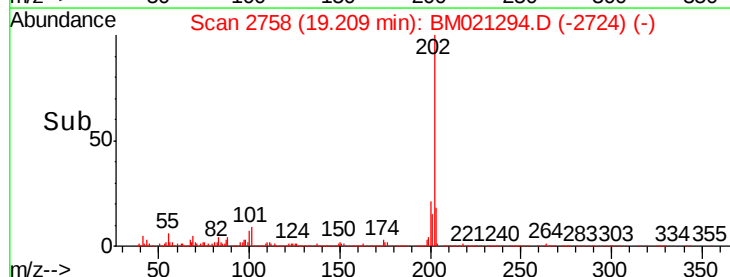
Abundance Ion 202.00 (201.70 to 202.70): E

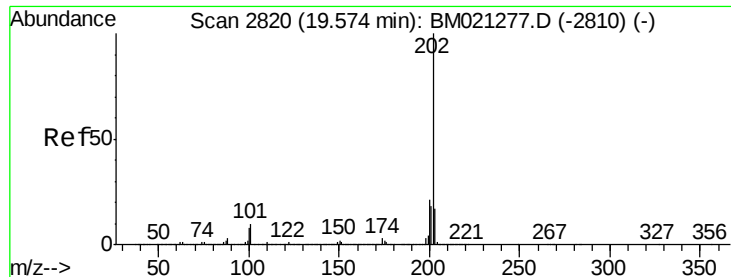
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->

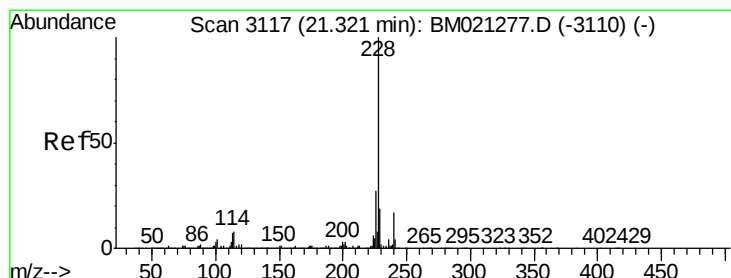
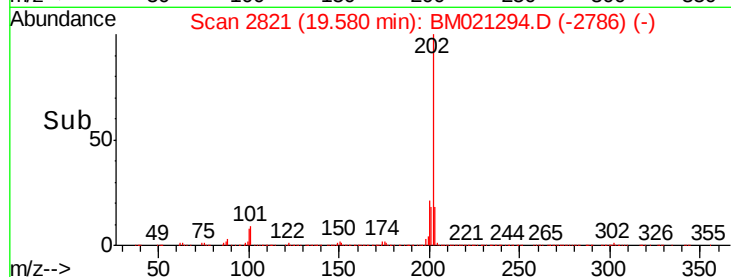
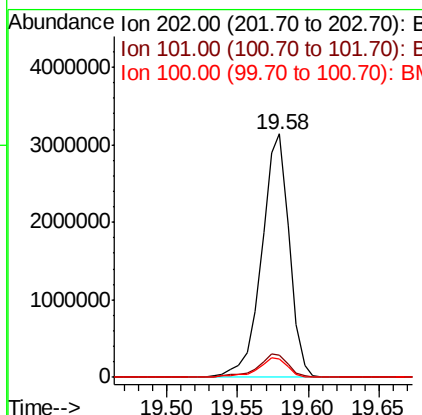
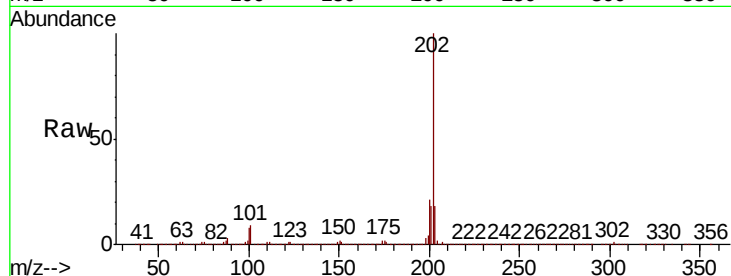




#79
 Pyrene
 Concen: 48.795 ng/ul
 RT: 19.58 min Scan# 2821
 Delta R.T. 0.01 min
 Lab File: BM021294.D
 Acq: 30 Jun 2019 12:20

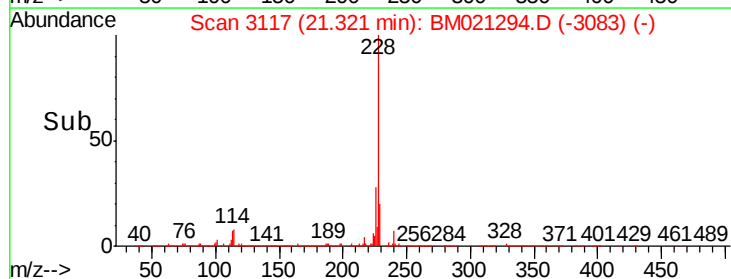
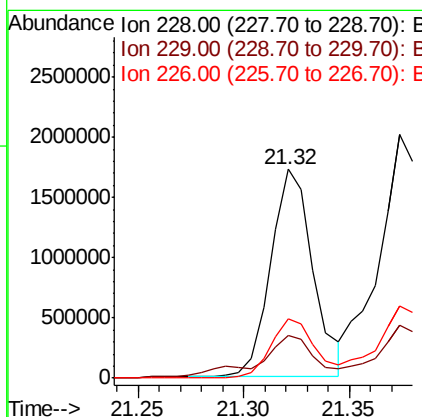
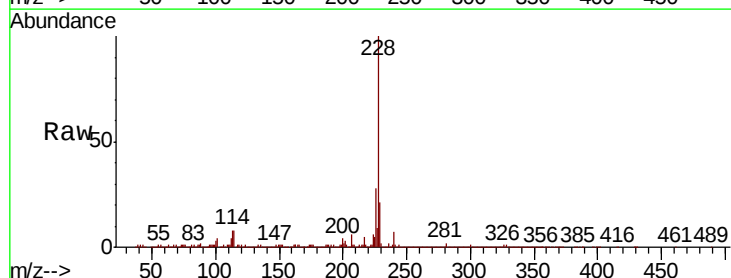
Instrument :
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 C5BB4

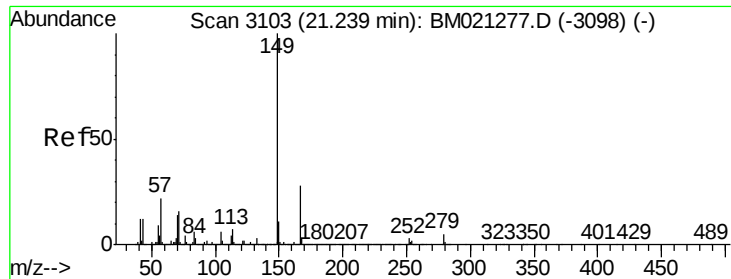
Tgt Ion:202 Resp: 4303945
 Ion Ratio Lower Upper
 202 100
 101 9.3 8.1 12.1
 100 7.8 6.6 10.0



#82
 Benzo(a)anthracene
 Concen: 28.325 ng/ul
 RT: 21.32 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BM021294.D
 Acq: 30 Jun 2019 12:20

Tgt Ion:228 Resp: 2409266
 Ion Ratio Lower Upper
 228 100
 229 20.7 15.8 23.8
 226 28.2 21.4 32.2

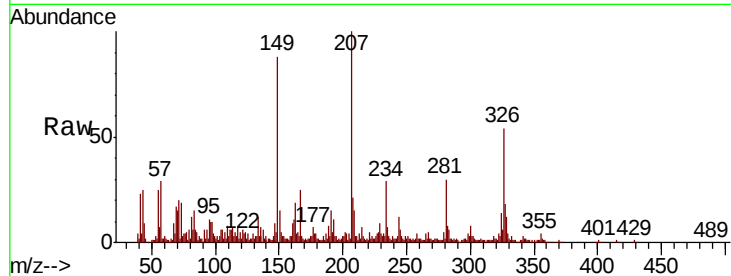




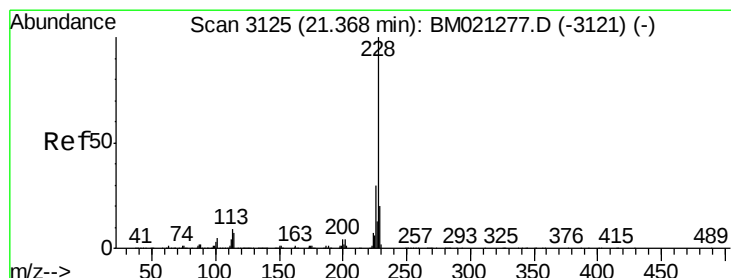
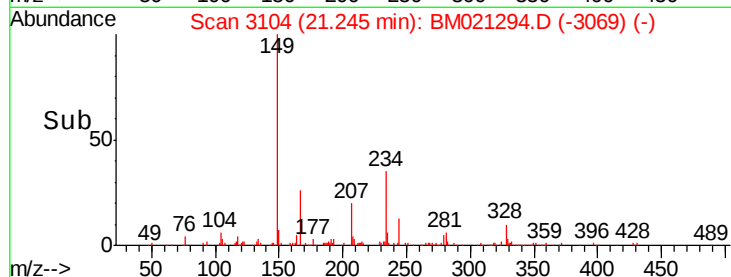
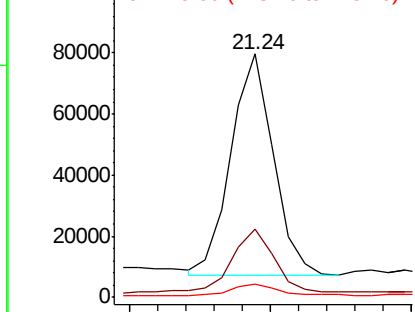
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.625 ng/ul
 RT: 21.24 min Scan# 3104
 Delta R.T. 0.01 min
 Lab File: BM021294.D
 Acq: 30 Jun 2019 12:20

Instrument :
 BNA_M
 ClientSampleID :
 C5BB4

Tgt Ion:149 Resp: 75551
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.3 33.5
 279 5.6 3.8 5.6

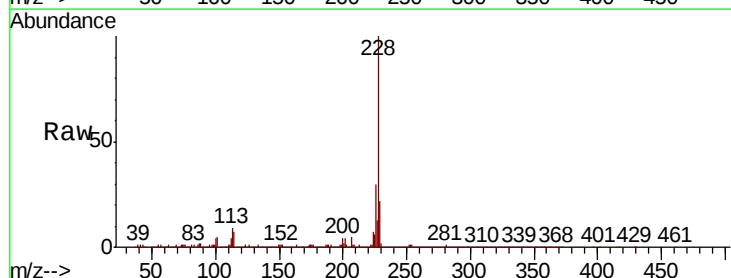


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

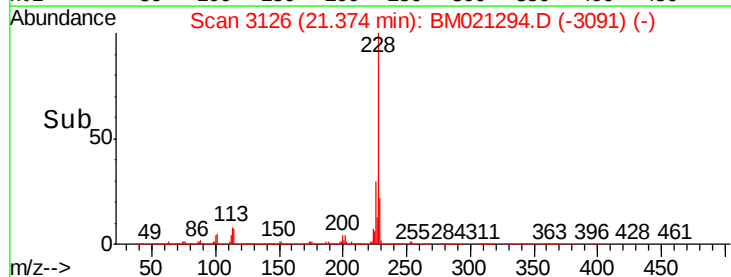
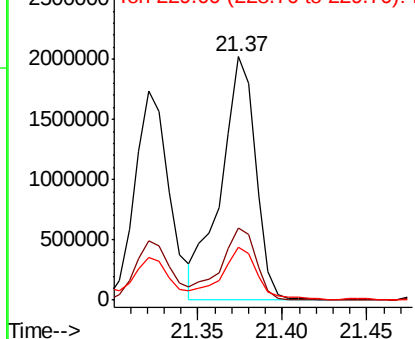


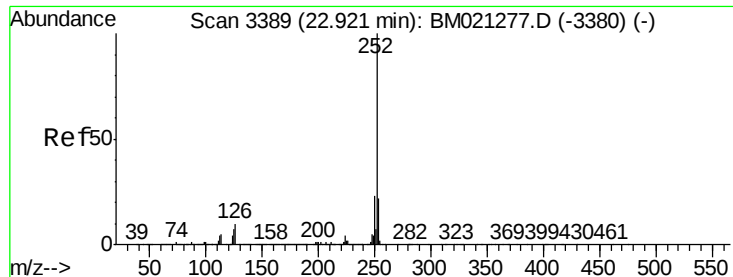
#84
 Chrysene
 Concen: 36.186 ng/ul
 RT: 21.37 min Scan# 3126
 Delta R.T. 0.01 min
 Lab File: BM021294.D
 Acq: 30 Jun 2019 12:20

Tgt Ion:228 Resp: 2882674
 Ion Ratio Lower Upper
 228 100
 226 29.9 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: 50.636 ng/ul

RT: 22.93 min Scan# 3391

Delta R.T. 0.01 min

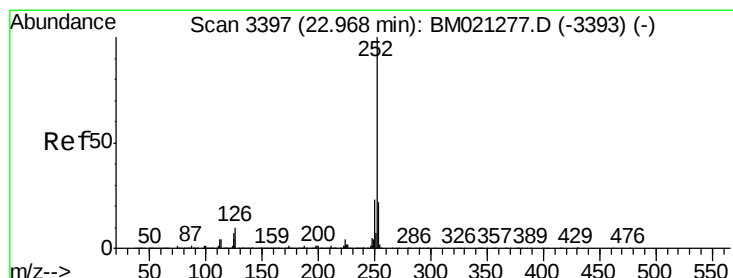
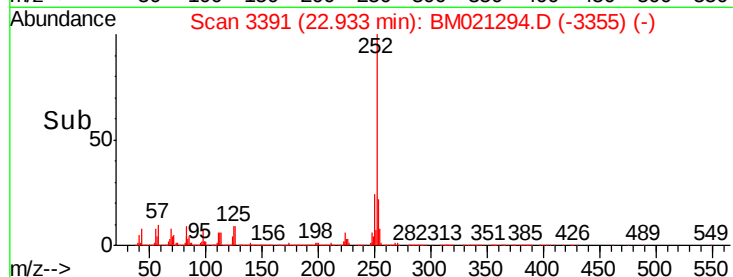
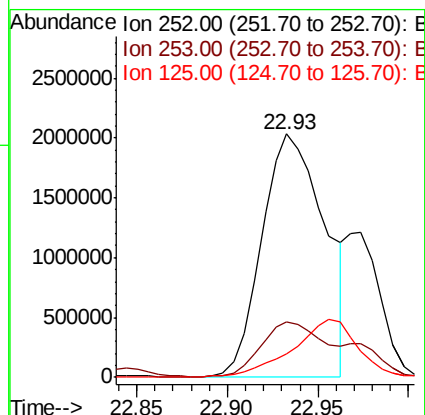
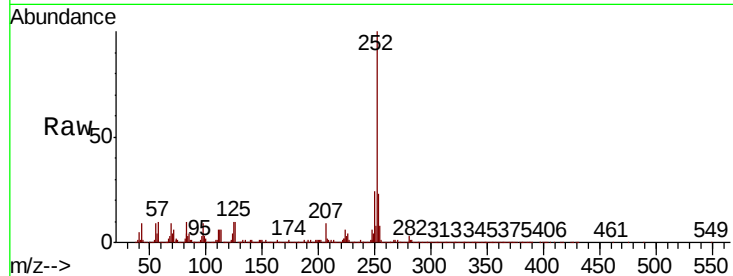
Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
C5BB4

Tgt Ion:252 Resp: 4895218

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	9.7	6.3	9.5#



#88

Benzo(k)fluoranthene

Concen: 52.634 ng/ul

RT: 22.93 min Scan# 3391

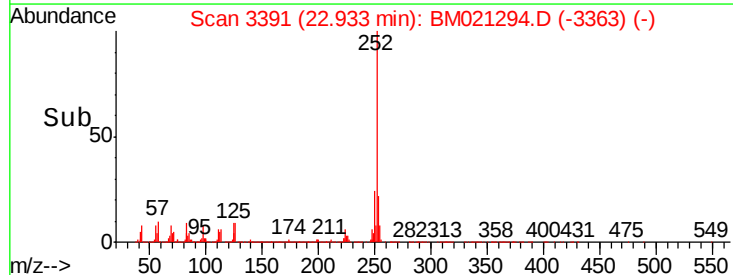
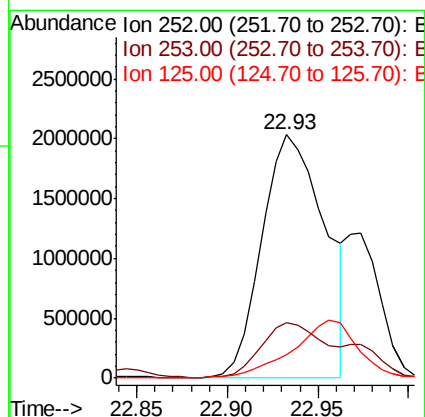
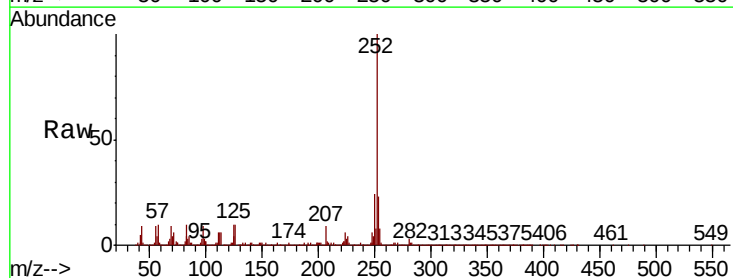
Delta R.T. -0.04 min

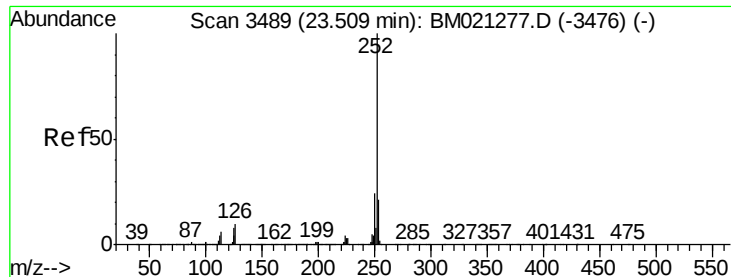
Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

Tgt Ion:252 Resp: 4895218

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	9.7	6.6	9.8





#90

Benzo(a)pyrene

Concen: 32.107 ng/ul

RT: 23.52 min Scan# 3491

Delta R.T. 0.01 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

Instrument :

BNA_M

ClientSampleId :

C5BB4

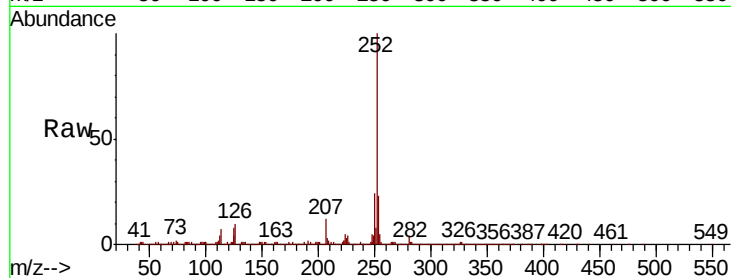
Tgt Ion:252 Resp: 2921486

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

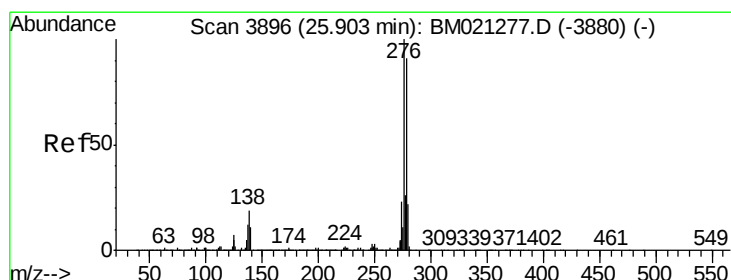
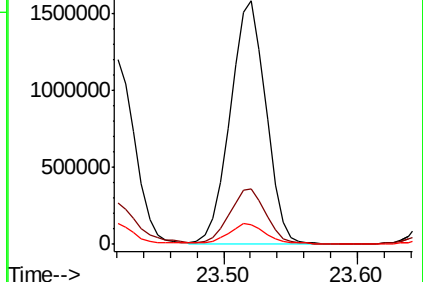
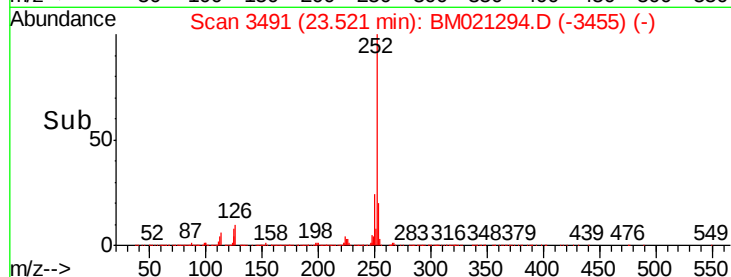
125 8.1 7.2 10.8



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: 23.209 ng/ul

RT: 25.91 min Scan# 3898

Delta R.T. 0.01 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

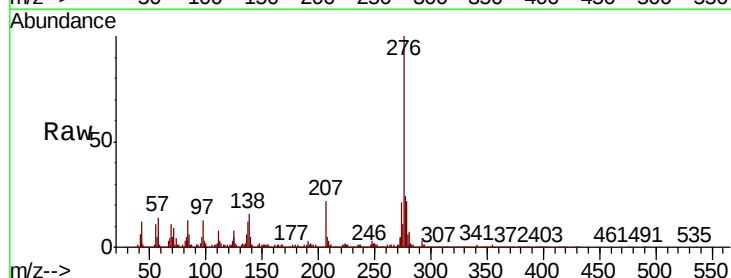
Tgt Ion:276 Resp: 2486814

Ion Ratio Lower Upper

276 100

138 16.0 15.9 23.9

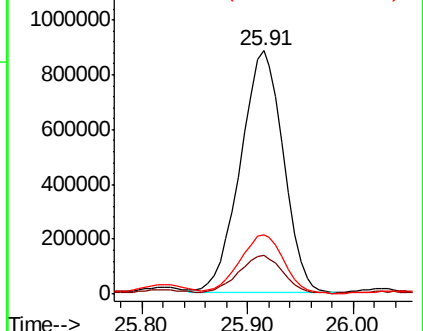
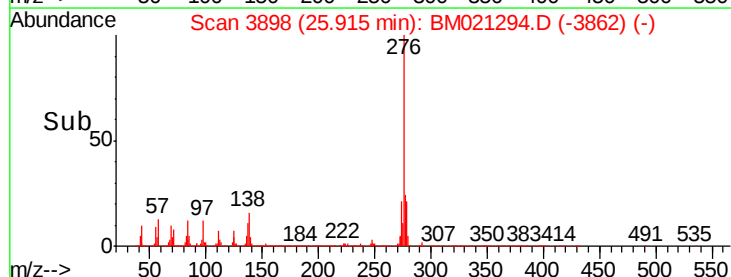
277 24.4 20.4 30.6

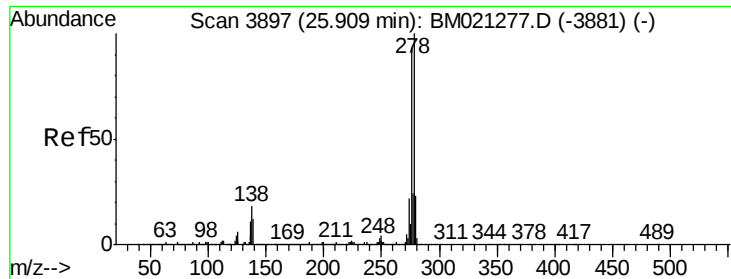


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 6.793 ng/ul

RT: 25.91 min Scan# 3898

Delta R.T. 0.01 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

Instrument :

BNA_M

ClientSampleId :

C5BB4

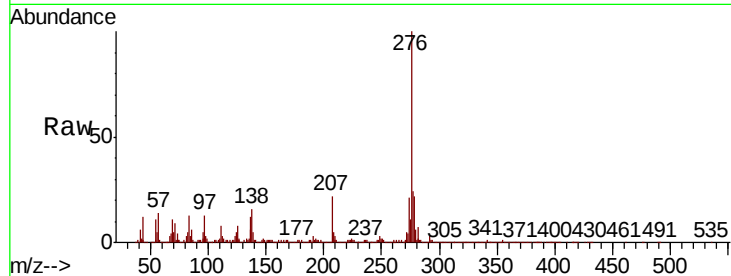
Tgt Ion:278 Resp: 612260

Ion Ratio Lower Upper

278 100

139 21.7 10.6 15.8#

279 26.3 19.0 28.4

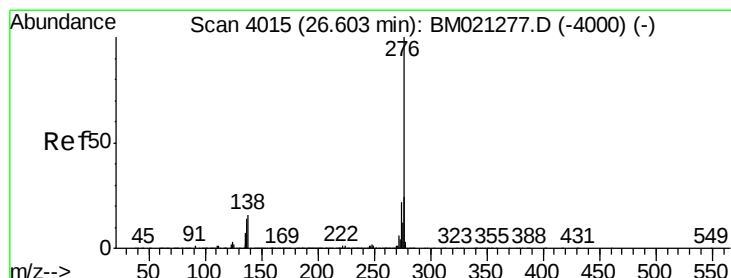
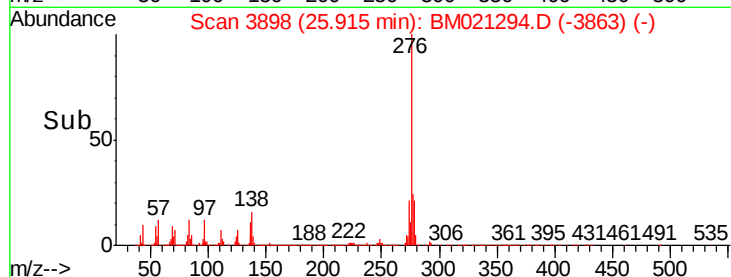
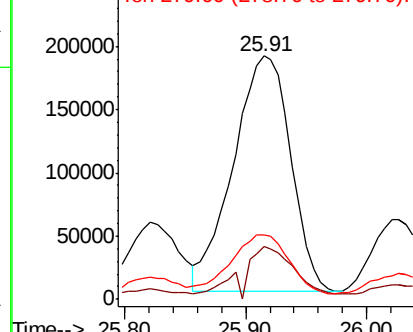


Abundance

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: 26.098 ng/ul

RT: 26.63 min Scan# 4019

Delta R.T. 0.02 min

Lab File: BM021294.D

Acq: 30 Jun 2019 12:20

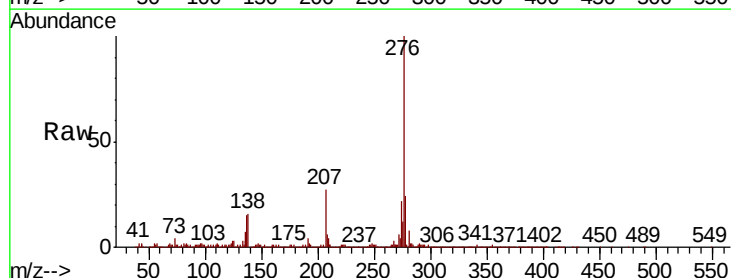
Tgt Ion:276 Resp: 2303074

Ion Ratio Lower Upper

276 100

138 16.2 14.6 21.8

277 24.1 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

