

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
 Data File : BM020504.D
 Acq On : 22 May 2019 22:48
 Operator : JU/SJ
 Sample : K2927-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 23 07:46:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	140	20.00	ng/ul	0.03
18) Naphthalene-d8	10.57	136	714	20.00	ng/ul	0.05
35) Acenaphthene-d10	14.34	164	162717	20.00	ng/ul	-0.04
61) Phenanthrene-d10	17.09	188	402838	20.00	ng/ul	-0.04
77) Chrysene-d12	21.29	240	443099	20.00	ng/ul	-0.04
85) Perylene-d12	23.54	264	526998	20.00	ng/ul	-0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	388	102.28	ng/uL	0.01
5) Phenol-d5	6.85	99	138664	12415.71	ng/ul	-0.04
7) Bis-(2-Chloroethyl)ether-d	7.02	67	87901	12380.07	ng/ul	-0.05
9) 2-Chlorophenol-d4	7.21	132	106524	13004.66	ng/ul	-0.05
13) 4-Methylphenol-d8	8.50	113	501	61.60	ng/ul	0.06
19) Nitrobenzene-d5	8.85	128	46423	9993.06	ng/ul	-0.05
22) 2-Nitrophenol-d4	9.56	143	55223	10777.91	ng/ul	-0.05
26) 2,4-Dichlorophenol-d3	10.10	165	108114	9979.77	ng/ul	-0.04
29) 4-Chloroaniline-d4	10.62	131	70335	6285.47	ng/ul	-0.05
43) Dimethylphthalate-d6	13.75	166	325200	27.78	ng/ul	-0.04
46) Acenaphthylene-d8	14.03	160	400008	27.32	ng/ul	-0.04
51) 4-Nitrophenol-d4	14.57	143	32674	19.22	ng/ul	-0.03
57) Fluorene-d10	15.33	176	287835	27.65	ng/ul	-0.04
62) 4,6-Dinitro-2-methylphenol	15.49	200	30291	13.20	ng/ul	-0.03
70) Anthracene-d10	17.19	188	474098	27.44	ng/ul	-0.04
78) Pyrene-d10	19.50	212	575149	26.95	ng/ul	-0.04
89) Benzo(a)pyrene-d12	23.40	264	630520	26.33	ng/ul	-0.05

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	93	23.493	ng/uL# 1
4) Benzaldehyde	6.89	77	286	29.892	ng/ul# 28
6) Phenol	6.89	94	4440	377.913	ng/ul# 89
12) 2,2'-oxybis(1-Chloropropan	8.39	45	623	103.183	ng/ul# 44
14) Acetophenone	8.51	105	2215	159.514	ng/ul# 87
15) N-Nitroso-di-n-propylamine	8.39	70	2842	358.642	ng/ul# 1
16) 4-Methylphenol	8.45	108	1459	168.670	ng/ul 82
17) Hexachloroethane	8.93	117	286	72.447	ng/ul# 1
20) Nitrobenzene	8.96	77	125	8.262	ng/ul# 49
21) Isophorone	9.56	82	6214	237.364	ng/ul# 72
24) 2,4-Dimethylphenol	9.66	107	343	26.989	ng/ul# 20
28) Naphthalene	10.52	128	14202	432.931	ng/ul 98
34) 2-Methylnaphthalene	12.14	142	11513	484.724	ng/ul 100
44) Dimethylphthalate	13.80	163	113888	9.834	ng/ul 97
47) Acenaphthylene	14.06	152	219250	15.877	ng/ul 99
49) Acenaphthene	14.40	153	36222	3.815	ng/ul 97
53) Dibenzofuran	14.74	168	64798	4.507	ng/ul 99
58) Fluorene	15.39	166	94252	8.184	ng/ul 97
69) Phenanthrene	17.14	178	1572434	81.922	ng/ul 99
71) Anthracene	17.23	178	424920	21.763	ng/ul 100
74) Carbazole	17.50	167	78175	4.717	ng/ul 97
76) Fluoranthene	19.16	202	2891056	119.238	ng/ul 99
79) Pyrene	19.53	202	2437714	91.658	ng/ul 99

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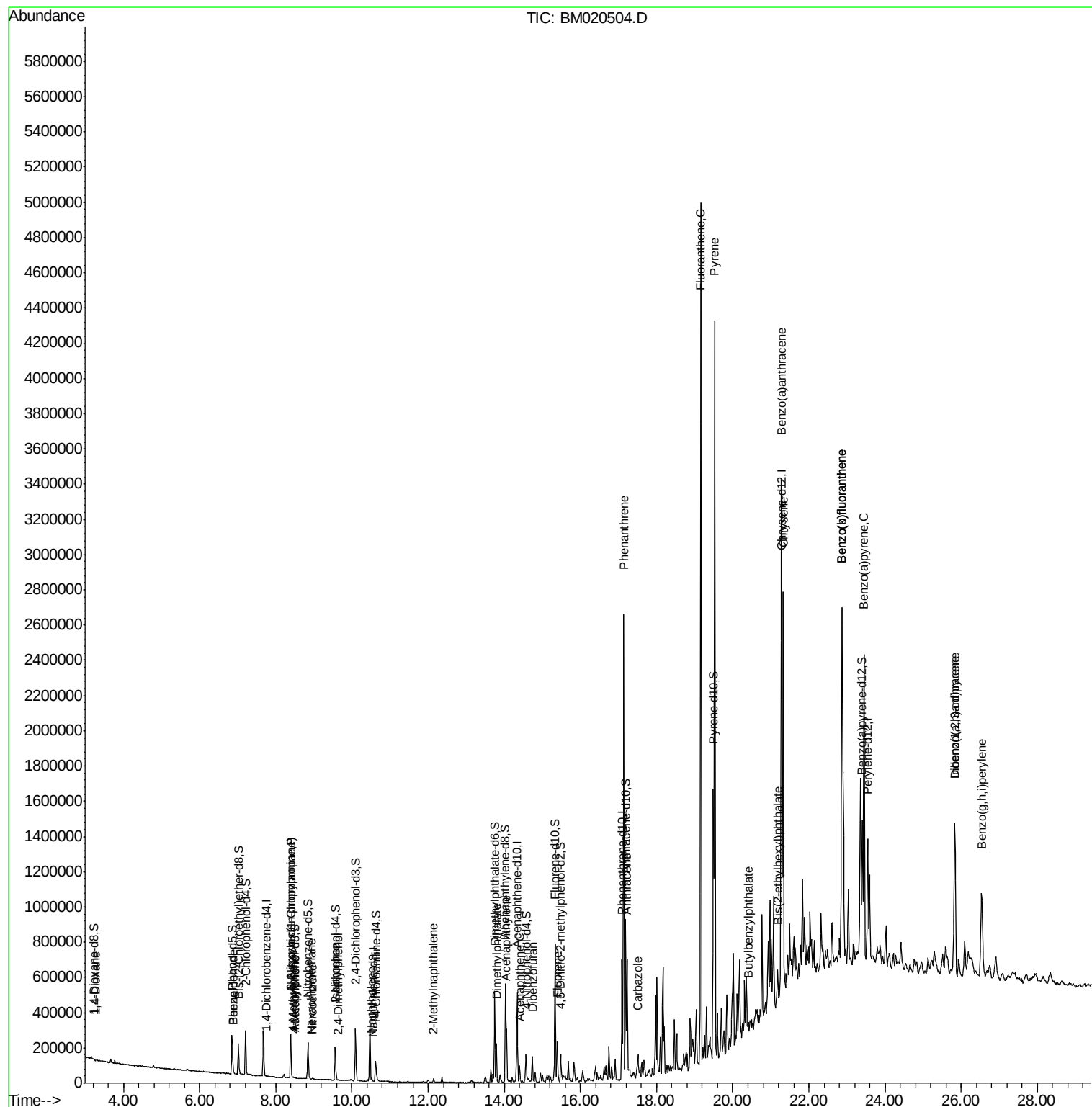
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	20.42	149	11220	1.346	ng/ul#	86
82) Benzo(a)anthracene	21.27	228	1462792	54.850	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.19	149	38334	3.167	ng/ul#	98
84) Chrysene	21.33	228	1239982	48.652	ng/ul	96
87) Benzo(b)fluoranthene	22.87	252	1777488	59.098	ng/ul	97
88) Benzo(k)fluoranthene	22.87	252	1777488	60.166	ng/ul	98
90) Benzo(a)pyrene	23.45	252	1281513	45.275	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.83	276	871404	27.018	ng/ul#	97
92) Dibenzo(a,h)anthracene	25.83	278	278069	10.082	ng/ul#	90
93) Benzo(a,h,i)perylene	26.54	276	641231	24.018	ng/ul	98

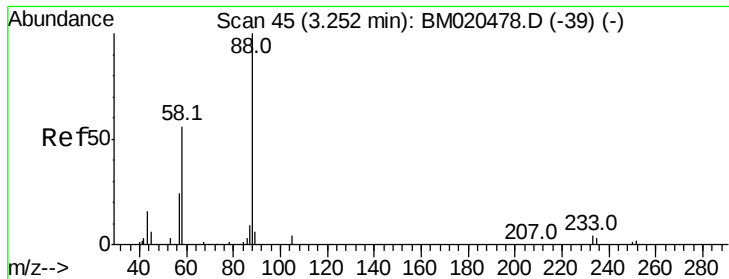
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 23.493 ng/uL

RT: 3.26 min Scan# 47

Delta R.T. 0.01 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

Instrument :

BNA_M

ClientSampleId :

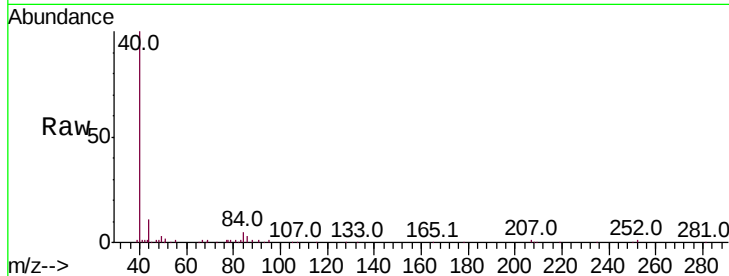
Tot Ion: 88 Resp: 93

Ion Ratio Lower Upper

88 100

43 137.2 21.4 32.2#

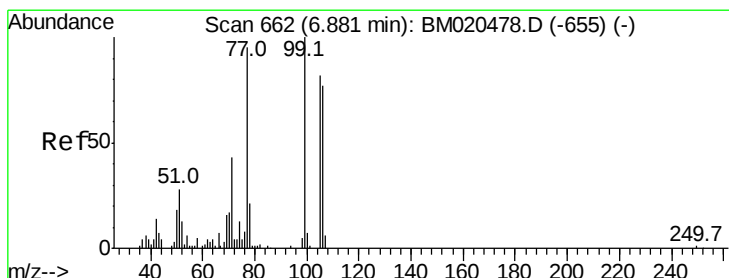
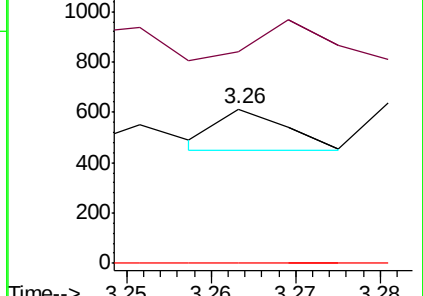
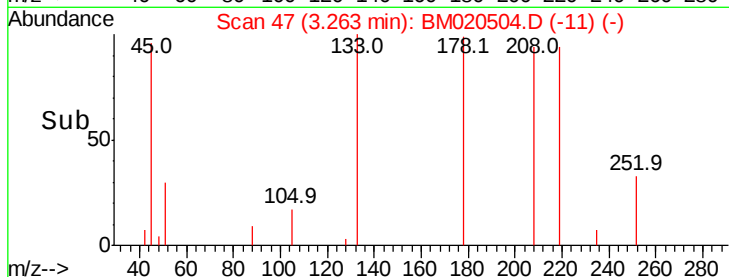
58 0.0 45.1 67.7#



Abundance Ion 88.00 (87.70 to 88.70): BM020504.D (-11) (-)

Ion 43.00 (42.70 to 43.70): BM020504.D (-11) (-)

Ion 58.00 (57.70 to 58.70): BM020504.D (-11) (-)



#4

Benzaldehyde

Concen: 29.892 ng/uL

RT: 6.89 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

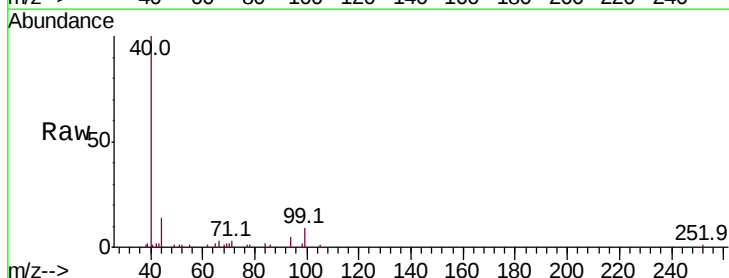
Tgt Ion: 77 Resp: 286

Ion Ratio Lower Upper

77 100

105 133.4 67.4 101.0#

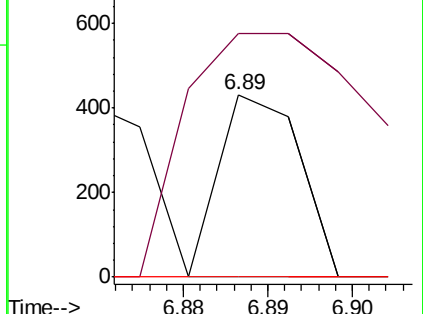
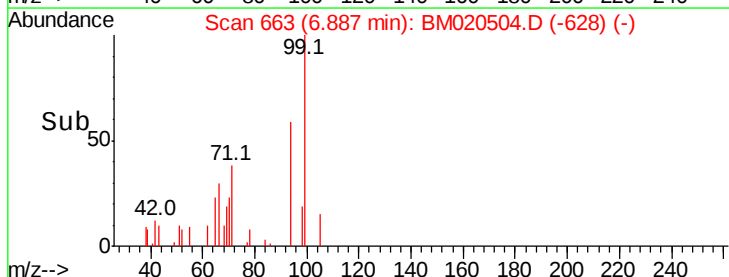
106 0.0 64.8 97.2#

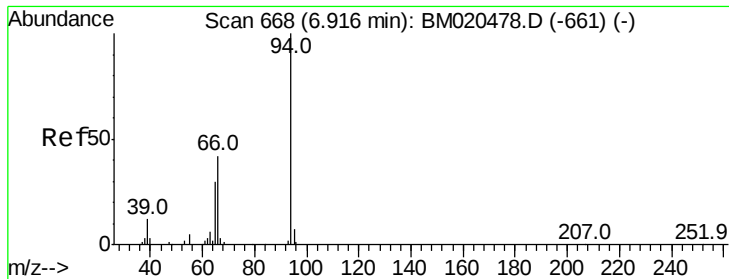


Abundance Ion 77.00 (76.70 to 77.70): BM020504.D (-628) (-)

Ion 105.00 (104.70 to 105.70): BM020504.D (-628) (-)

Ion 106.00 (105.70 to 106.70): BM020504.D (-628) (-)





#6

Phenol

Concen: 377.913 ng/ul

RT: 6.89 min Scan# 663

Delta R.T. -0.04 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

Instrument :

BNA_M

ClientSampled :

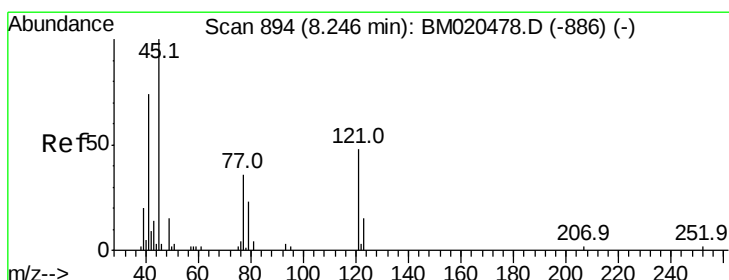
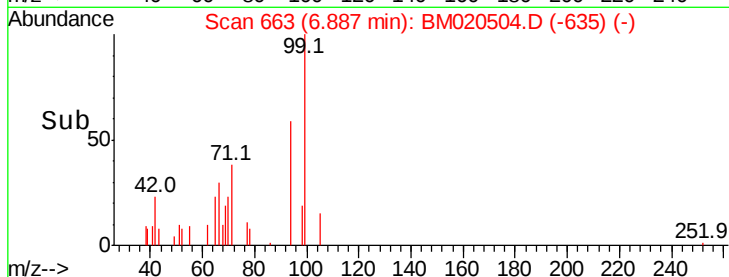
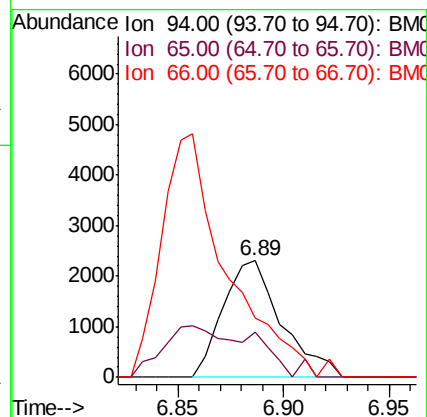
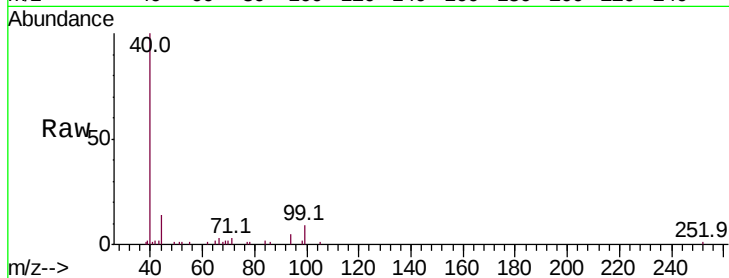
Tot Ion: 94 Resp: 4440

Ion Ratio Lower Upper

94 100

65 39.3 25.4 38.0#

66 51.3 36.5 54.7



#12

2,2'-oxybis(1-Chloropropane)

Concen: 103.183 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. 0.13 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

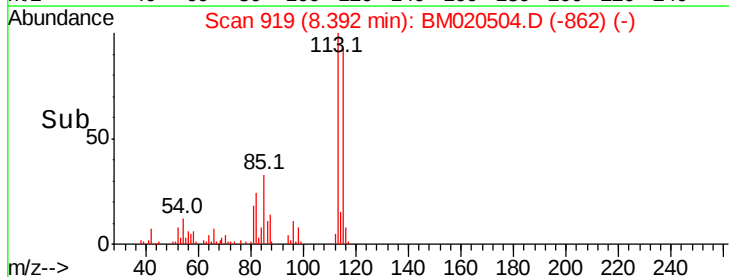
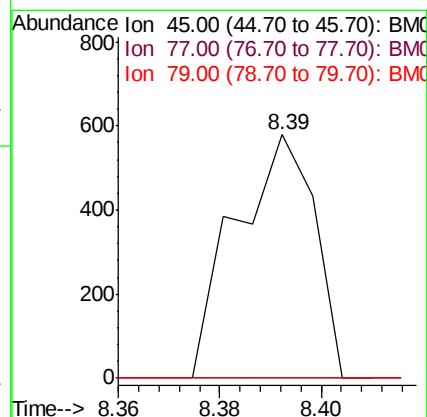
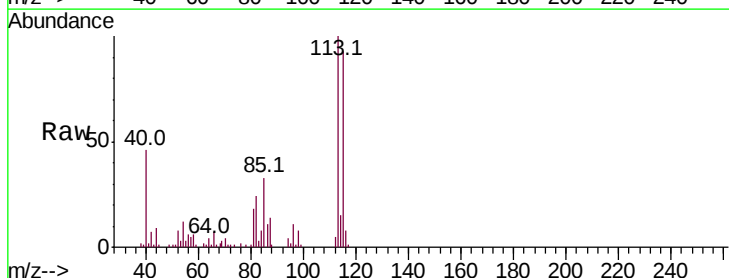
Tgt Ion: 45 Resp: 623

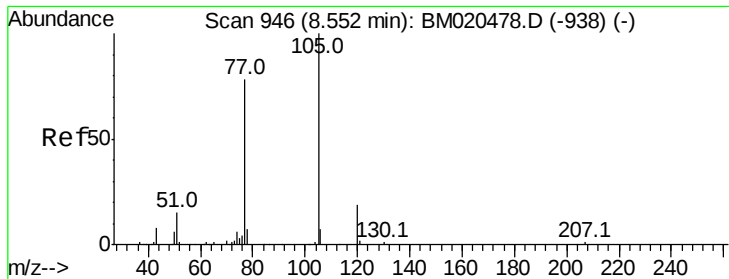
Ion Ratio Lower Upper

45 100

77 0.0 27.6 41.4#

79 0.0 20.5 30.7#





#14

Acetophenone

Concen: 159.514 ng/ul

RT: 8.51 min Scan# 939

Delta R.T. -0.04 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

Instrument :

BNA_M

ClientSampleId :

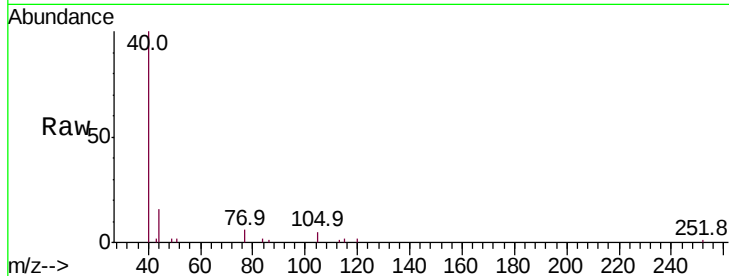
Tot Ion:105 Resp: 2215

Ion Ratio Lower Upper

105 100

77 103.3 74.0 111.0

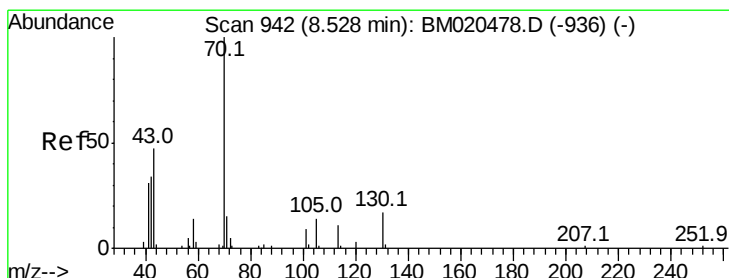
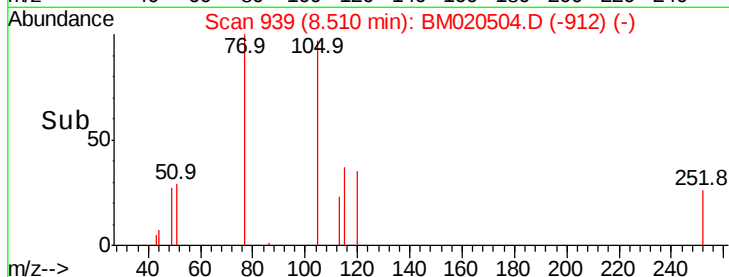
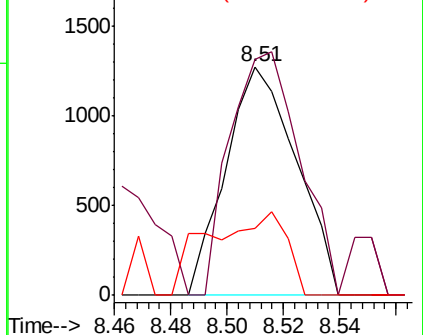
51 29.5 16.5 24.7#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#15

N-Nitroso-di-n-propylamine

Concen: 358.642 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. -0.14 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

Tgt Ion: 70 Resp: 2842

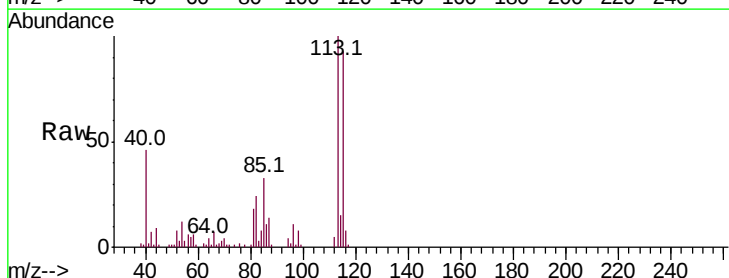
Ion Ratio Lower Upper

70 100

42 207.1 26.5 39.7#

101 0.0 7.2 10.8#

130 0.0 12.9 19.3#

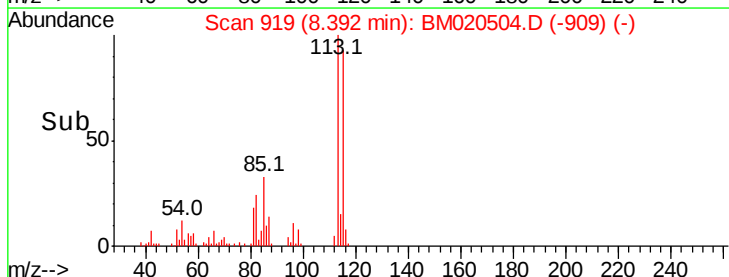
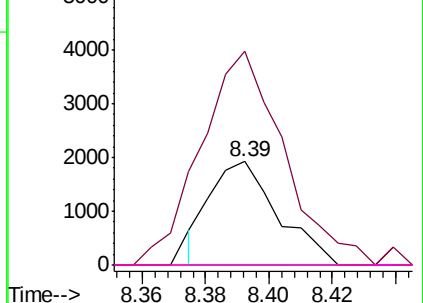


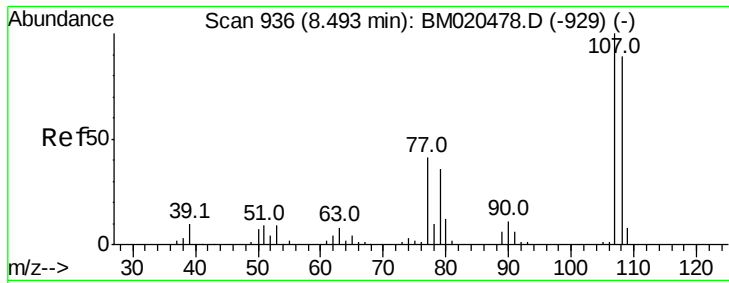
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#16

4-Methylphenol

Concen: 168.670 ng/ul

RT: 8.45 min Scan# 929

Delta R.T. -0.04 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

Instrument :

BNA_M

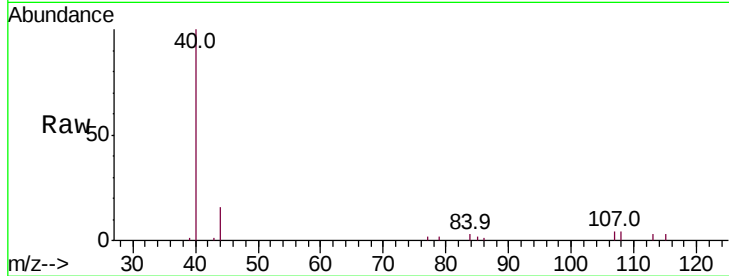
ClientSampled :

Tot Ion:108 Resp: 1459

Ion Ratio Lower Upper

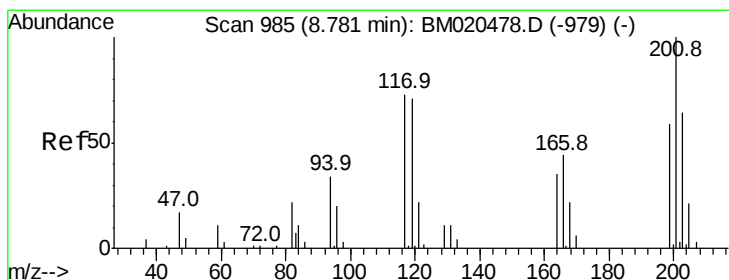
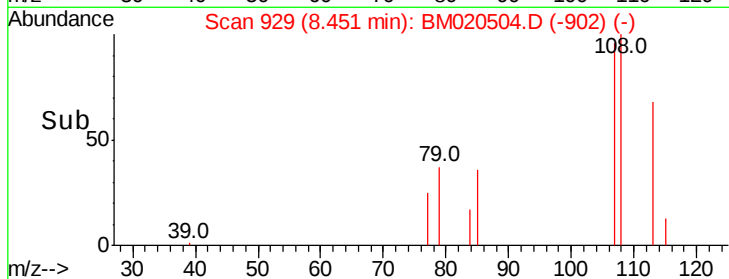
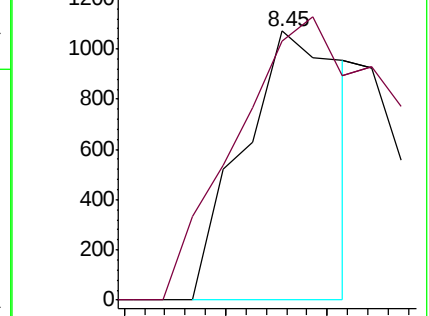
108 100

107 96.4 93.0 139.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 72.447 ng/ul

RT: 8.93 min Scan# 1011

Delta R.T. 0.15 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

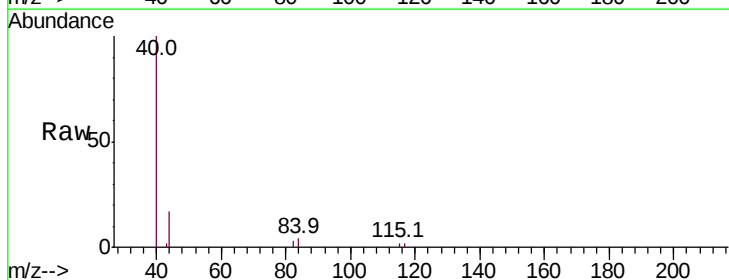
Tgt Ion:117 Resp: 286

Ion Ratio Lower Upper

117 100

201 0.0 102.4 153.6#

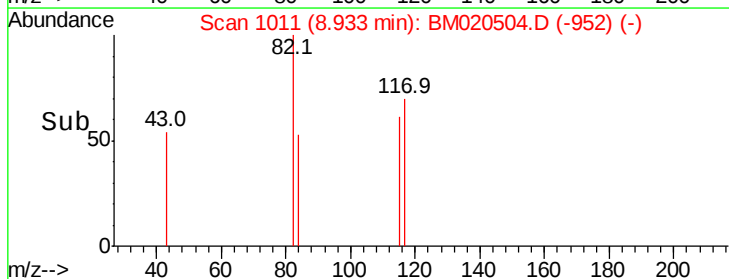
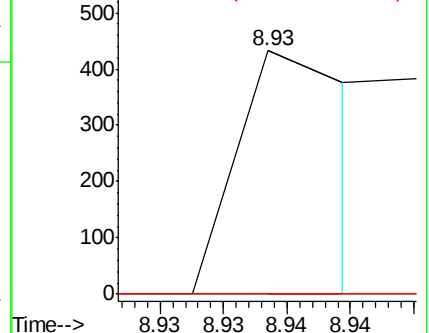
199 0.0 63.3 94.9#

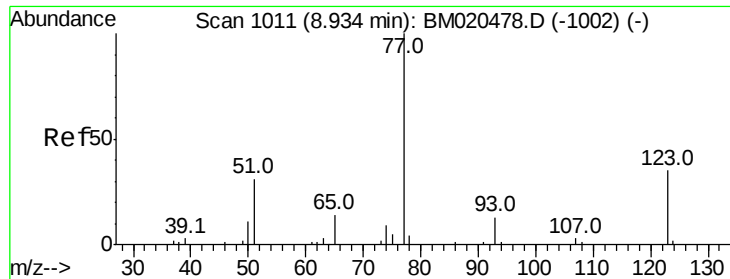


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

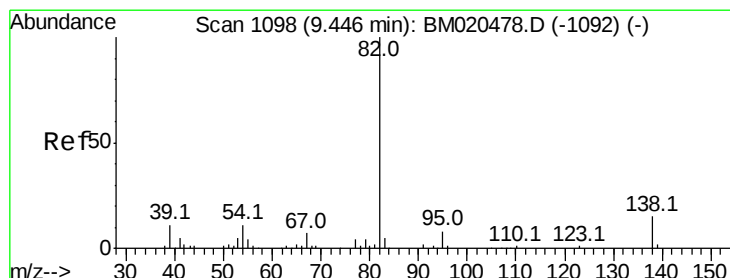
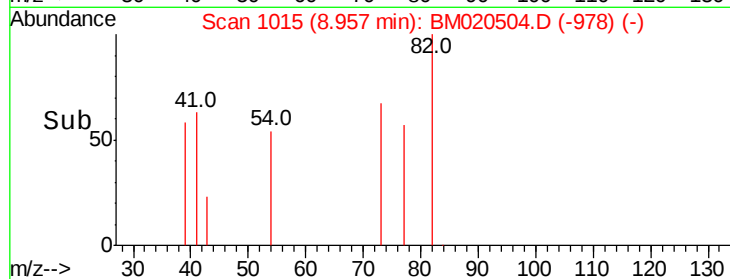
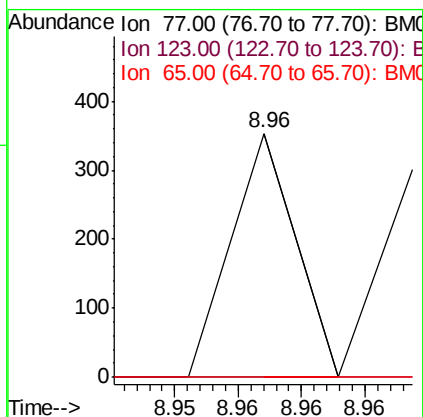
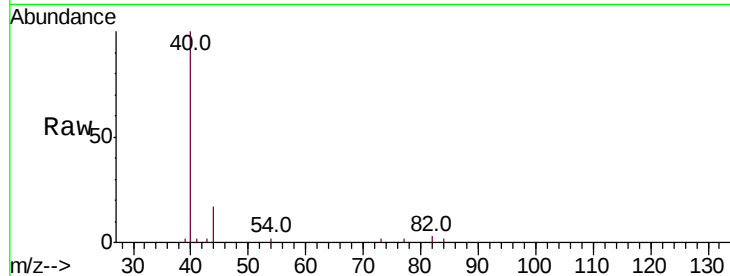




#20
Nitrobenzene
Concen: 8.262 ng/ul
RT: 8.96 min Scan# 1015
Delta R.T. 0.02 min
Lab File: BM020504.D
Acq: 22 May 2019 22:48

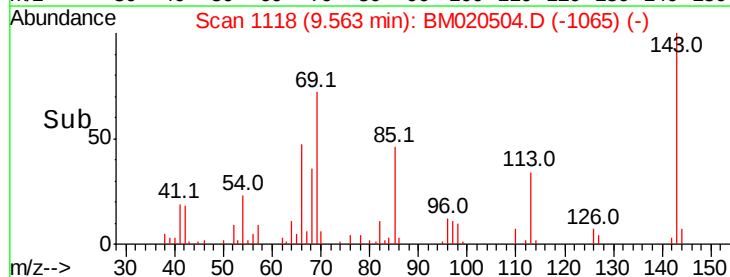
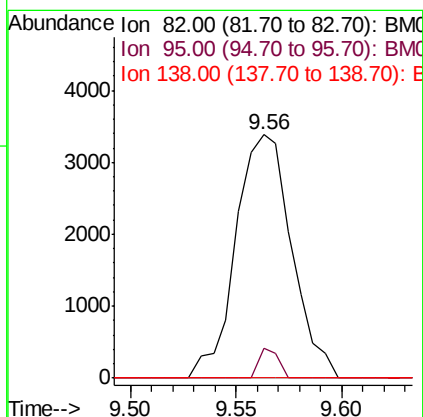
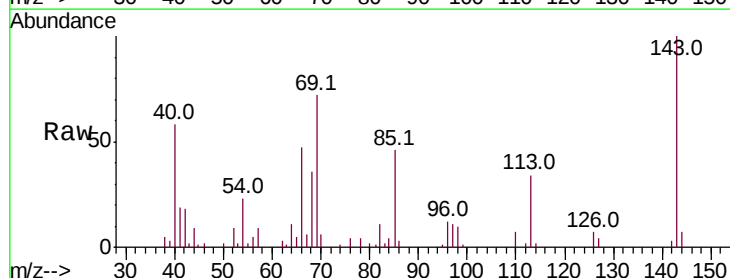
Instrument :
BNA_M
ClientSampled :

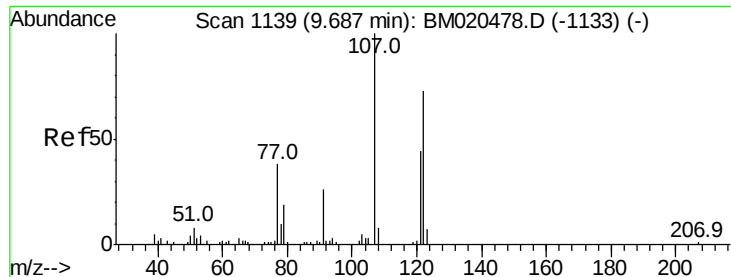
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.0	39.0#
65	0.0	10.1	15.1#



#21
Isophorone
Concen: 237.364 ng/ul
RT: 9.56 min Scan# 1118
Delta R.T. 0.11 min
Lab File: BM020504.D
Acq: 22 May 2019 22:48

Tgt Ion	Ratio	Lower	Upper
82	100		
95	12.1	6.1	9.1#
138	0.0	11.8	17.6#





#24

2,4-Dimethylphenol

Concen: 26.989 ng/ul

RT: 9.66 min Scan# 1134

Delta R.T. -0.04 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

Instrument :

BNA_M

ClientSampleId :

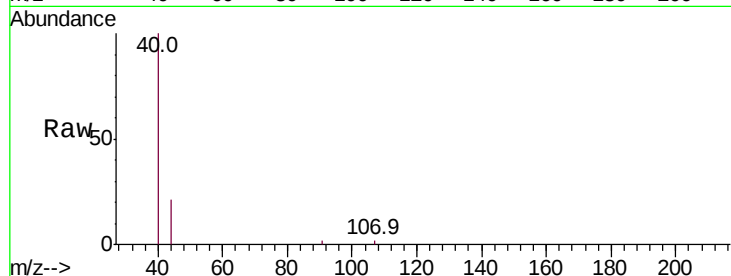
Tot Ion:107 Resp: 343

Ion Ratio Lower Upper

107 100

121 0.0 35.1 52.7#

122 0.0 58.1 87.1#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

9.66

300

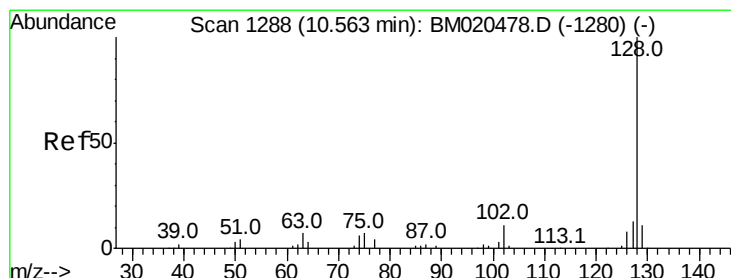
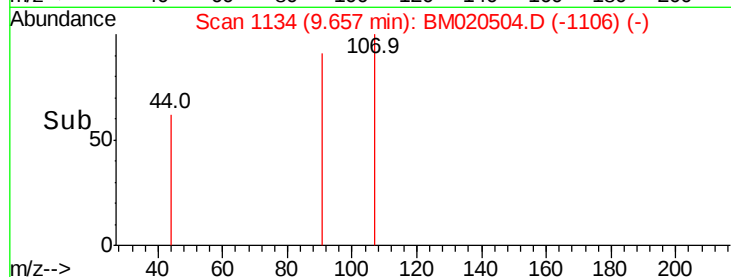
200

100

0

9.64 9.65 9.66 9.67

Time-->



#28

Naphthalene

Concen: 432.931 ng/ul

RT: 10.52 min Scan# 1281

Delta R.T. -0.05 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

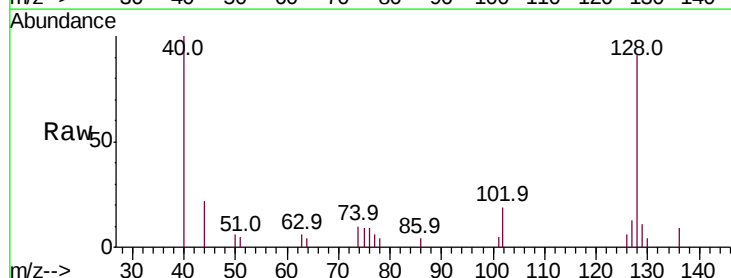
Tgt Ion:128 Resp: 14202

Ion Ratio Lower Upper

128 100

129 12.0 8.6 13.0

127 13.8 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10000

8000

6000

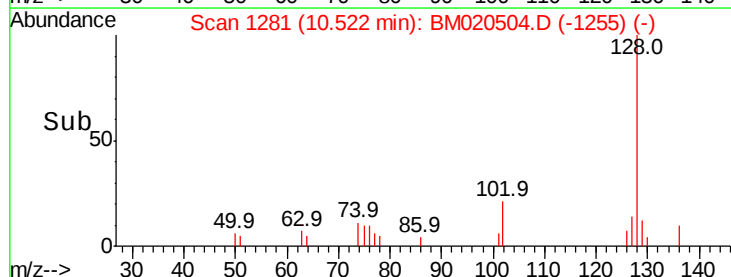
4000

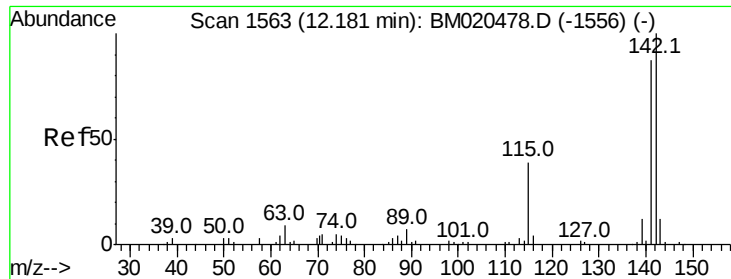
2000

0

10.50 10.52 10.55

Time-->

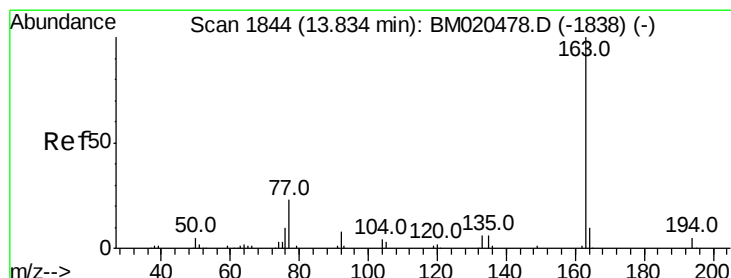
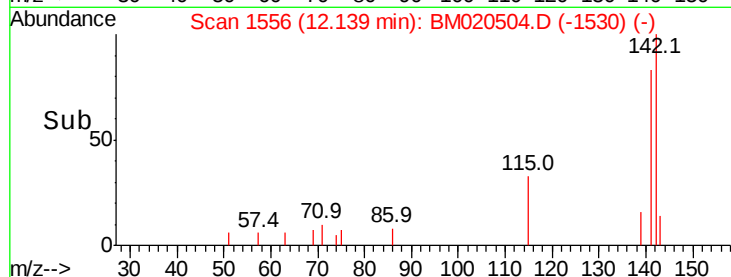
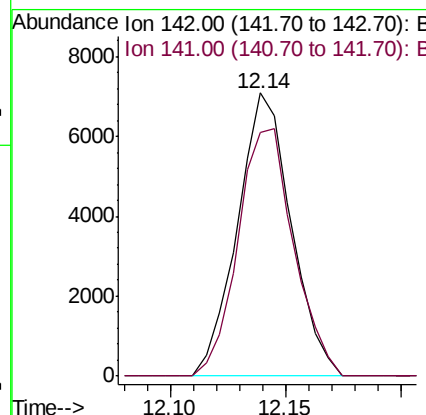
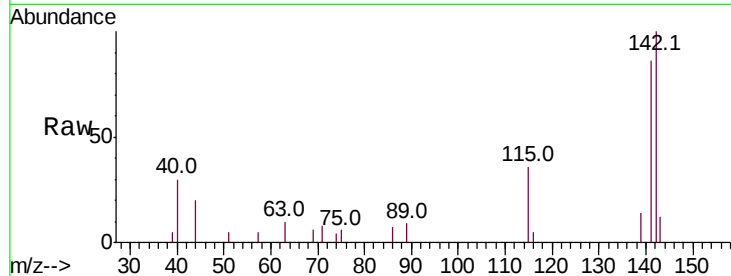




#34
 2-Methylnaphthalene
 Concen: 484.724 ng/ul
 RT: 12.14 min Scan# 1556
 Delta R.T. -0.05 min
 Lab File: BM020504.D
 Acq: 22 May 2019 22:48

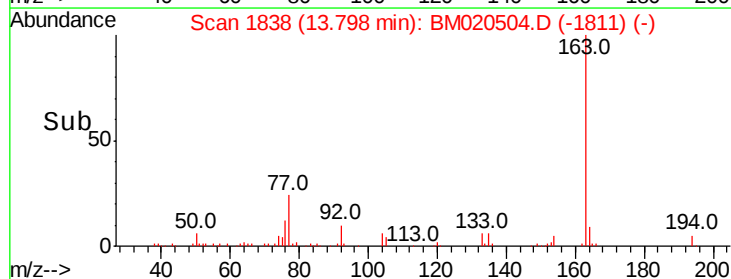
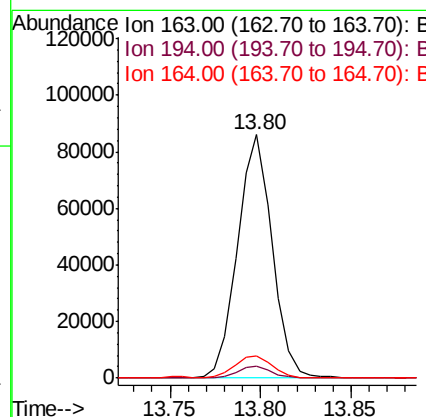
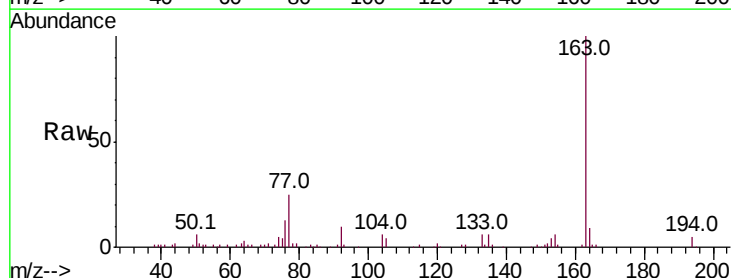
Instrument :
 BNA_M
 ClientSampleId :

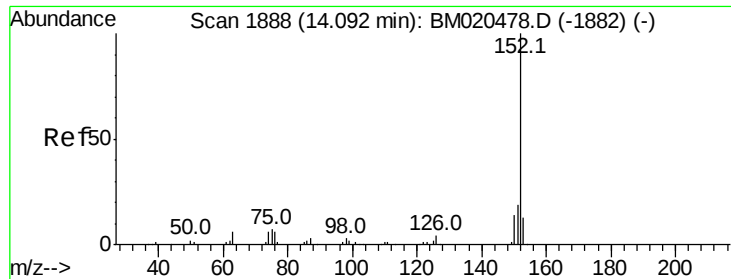
Tot Ion:142 Resp: 11513
 Ion Ratio Lower Upper
 142 100
 141 86.1 68.6 102.8



#44
 Dimethylphthalate
 Concen: 9.834 ng/ul
 RT: 13.80 min Scan# 1838
 Delta R.T. -0.04 min
 Lab File: BM020504.D
 Acq: 22 May 2019 22:48

Tgt Ion:163 Resp: 113888
 Ion Ratio Lower Upper
 163 100
 194 4.9 3.3 4.9
 164 9.0 8.0 12.0





#47

Acenaphthylene

Concen: 15.877 ng/ul

RT: 14.06 min Scan# 1883

Delta R.T. -0.04 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

Instrument :

BNA_M

ClientSampleId :

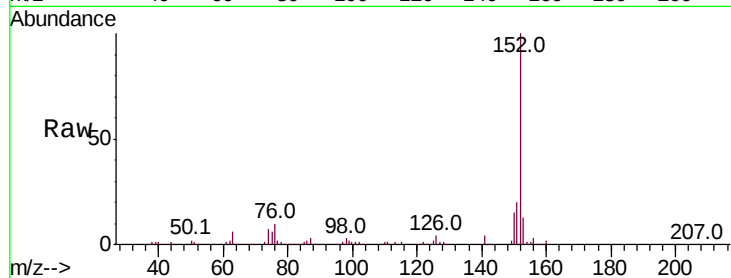
Tot Ion:152 Resp: 219250

Ion Ratio Lower Upper

152 100

151 19.7 15.4 23.0

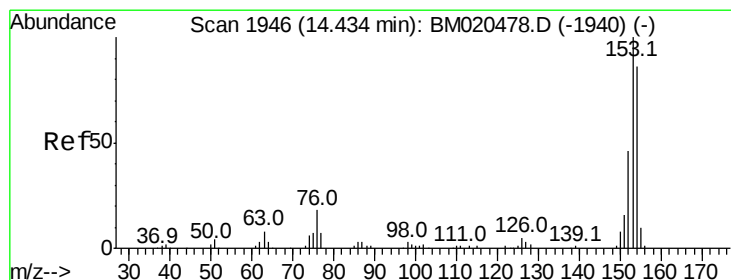
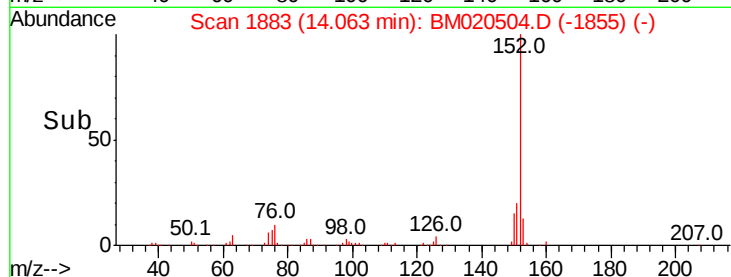
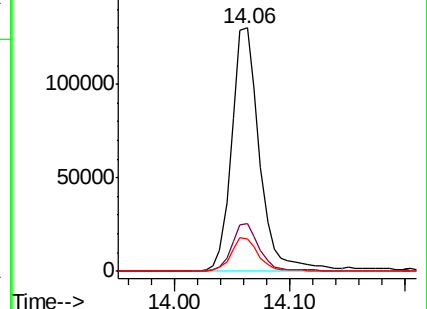
153 13.4 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 3.815 ng/ul

RT: 14.40 min Scan# 1941

Delta R.T. -0.04 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

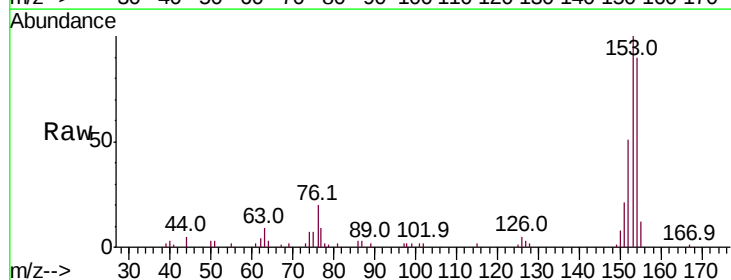
Tgt Ion:153 Resp: 36222

Ion Ratio Lower Upper

153 100

152 51.0 37.9 56.9

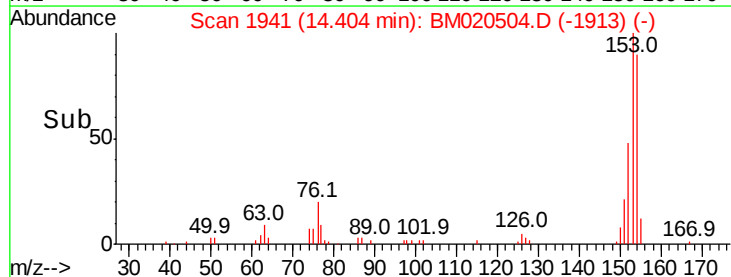
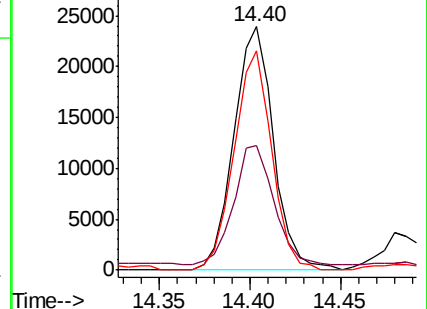
154 89.9 71.2 106.8

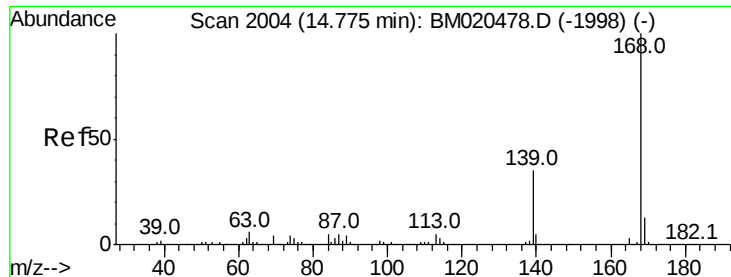


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 4.507 ng/ul

RT: 14.74 min Scan# 1998

Delta R.T. -0.04 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

Instrument :

BNA_M

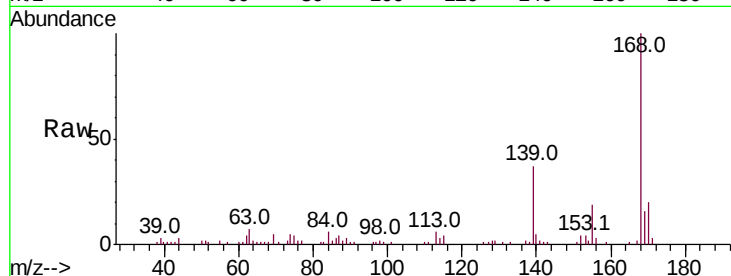
ClientSampled :

Tot Ion:168 Resp: 64798

Ion Ratio Lower Upper

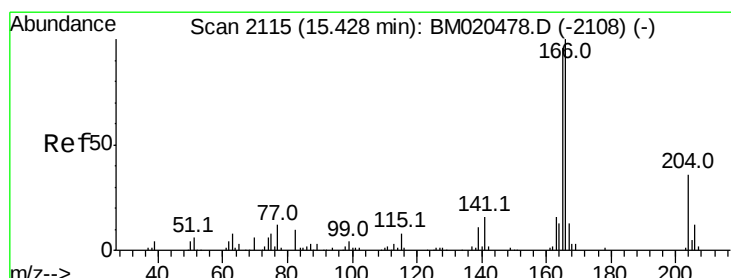
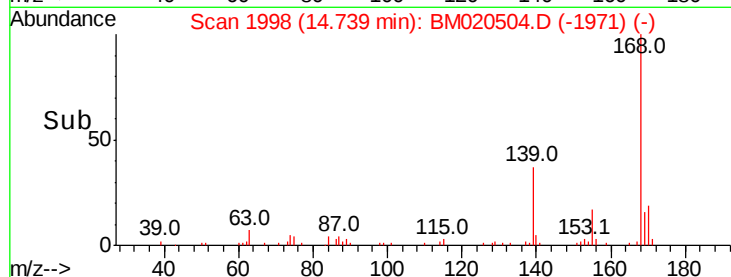
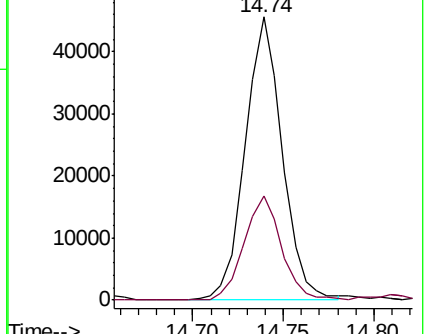
168 100

139 36.8 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 8.184 ng/ul

RT: 15.39 min Scan# 2109

Delta R.T. -0.04 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

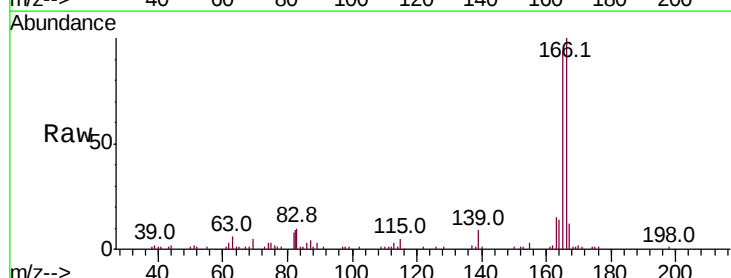
Tgt Ion:166 Resp: 94252

Ion Ratio Lower Upper

166 100

165 93.9 77.1 115.7

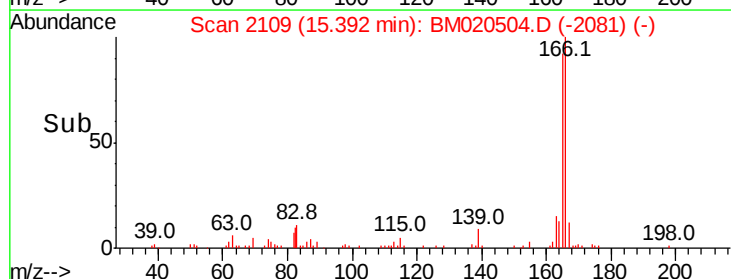
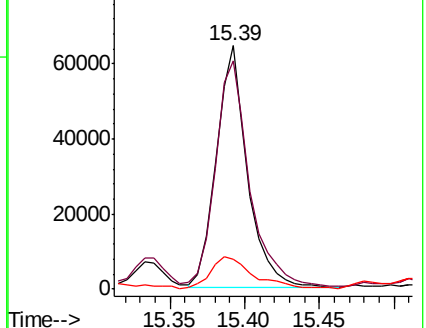
167 12.4 11.1 16.7

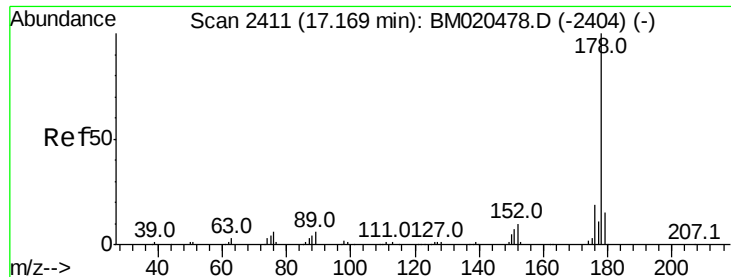


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 81.922 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.04 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

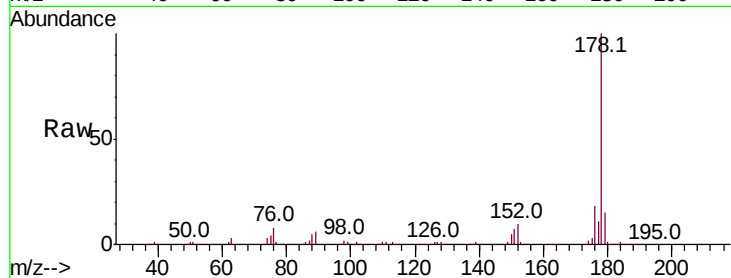
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 1572434

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	18.3	14.6	22.0

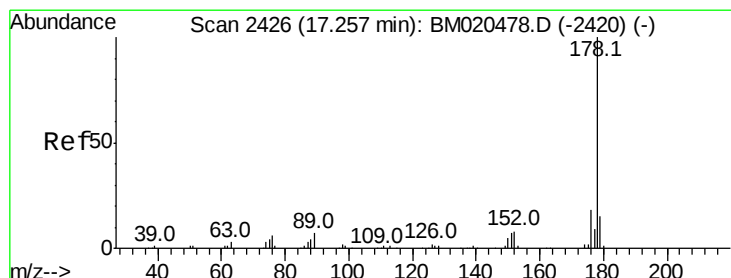
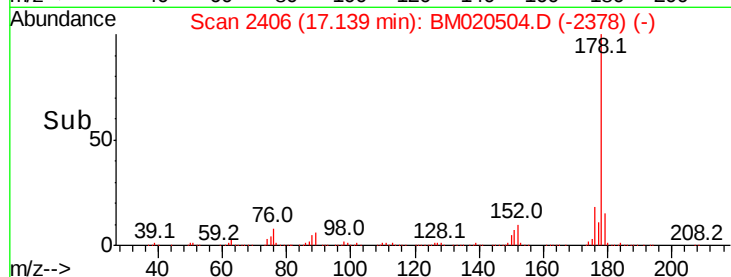
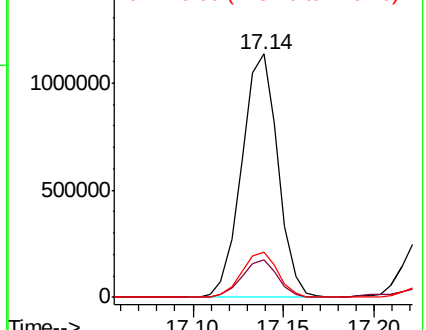


Abundance

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: 21.763 ng/ul

RT: 17.23 min Scan# 2421

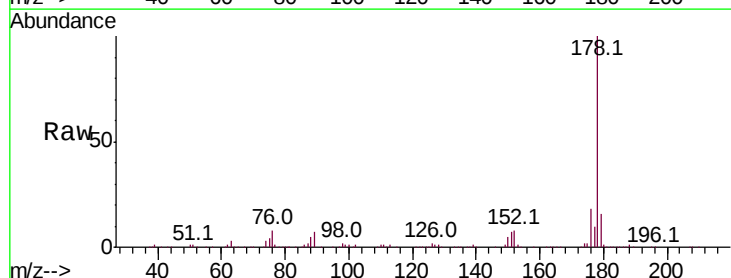
Delta R.T. -0.04 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

Tgt Ion:178 Resp: 424920

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	17.9	14.4	21.6

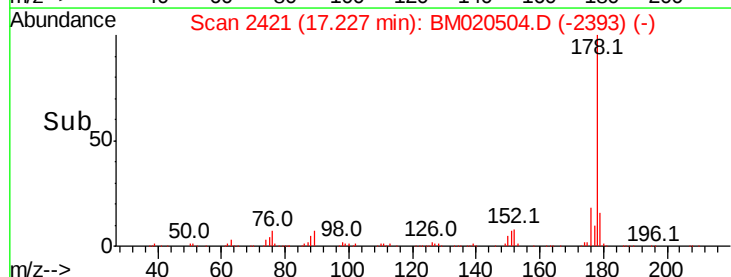
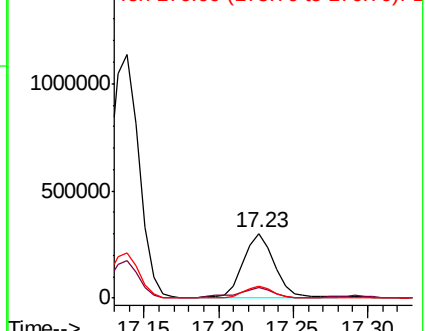


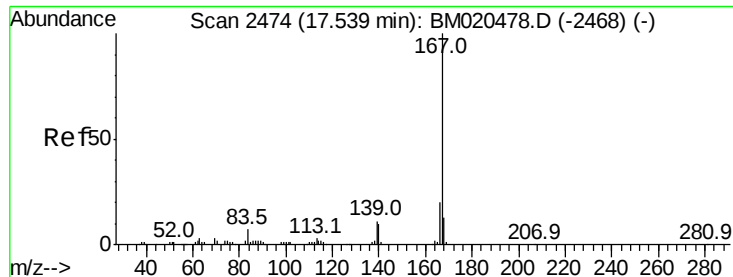
Abundance

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





#74

Carbazole

Concen: 4.717 ng/ul

RT: 17.50 min Scan# 2468

Delta R.T. -0.04 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

Instrument :

BNA_M

ClientSampleId :

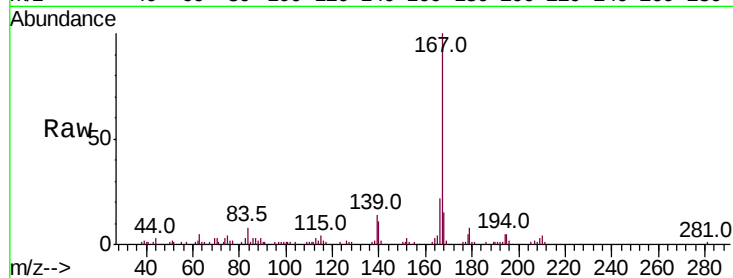
Tot Ion:167 Resp: 78175

Ion Ratio Lower Upper

167 100

166 21.6 16.6 24.8

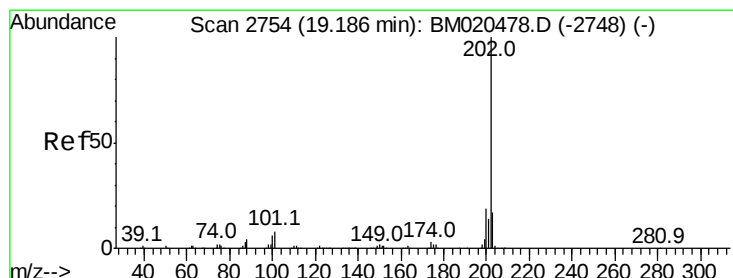
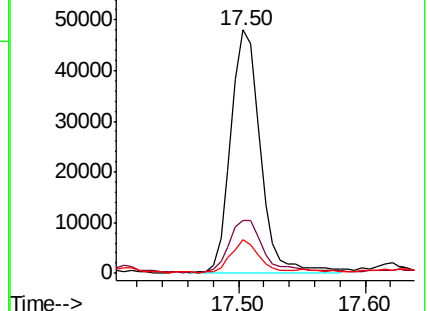
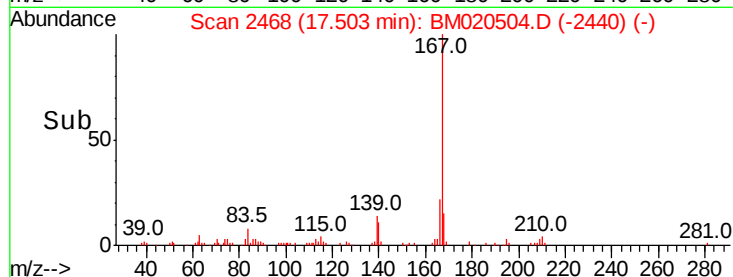
139 14.0 9.8 14.8



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



#76

Fluoranthene

Concen: 119.238 ng/ul

RT: 19.16 min Scan# 2750

Delta R.T. -0.03 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

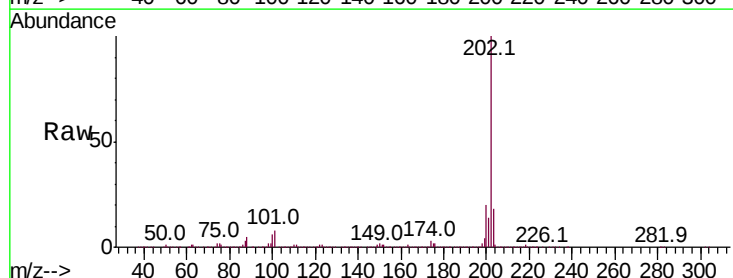
Tgt Ion:202 Resp: 2891056

Ion Ratio Lower Upper

202 100

101 7.6 6.4 9.6

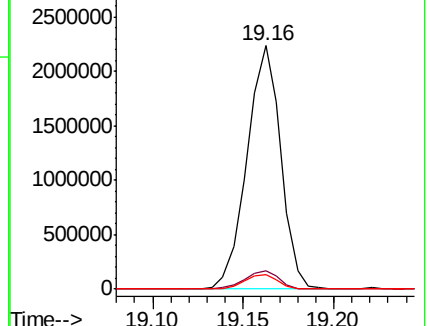
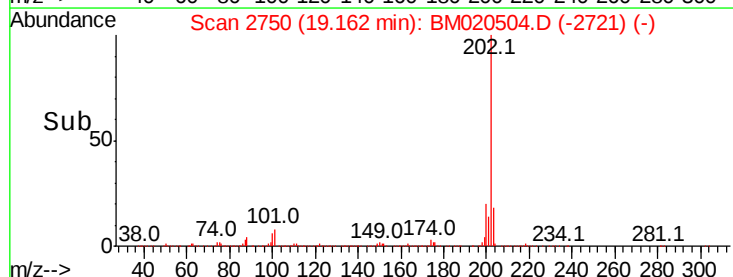
100 6.1 5.2 7.8

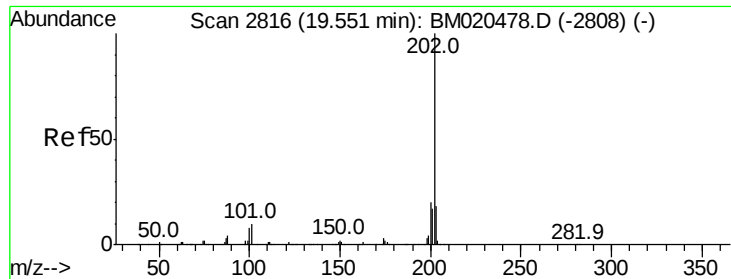


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

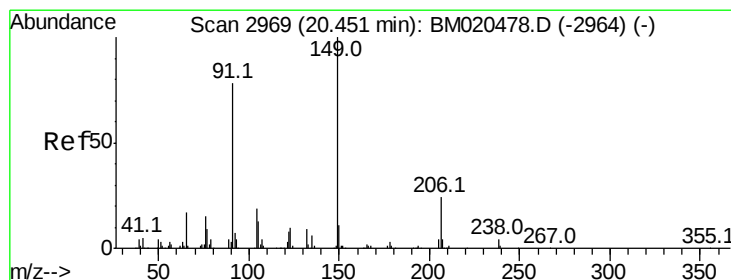
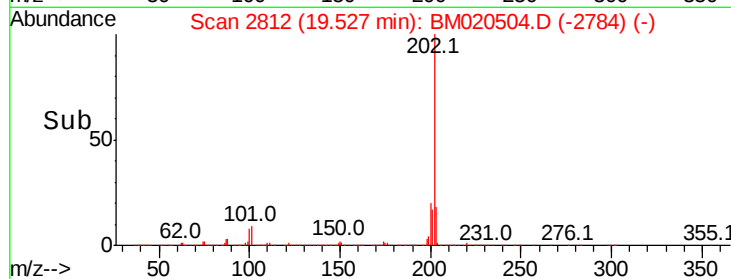
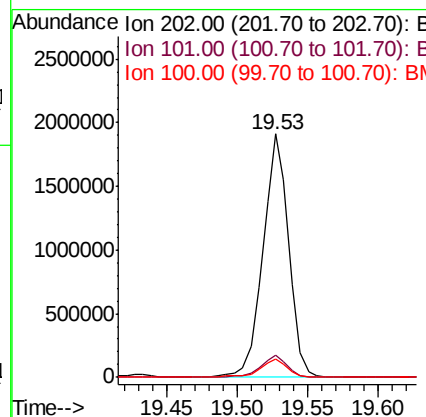
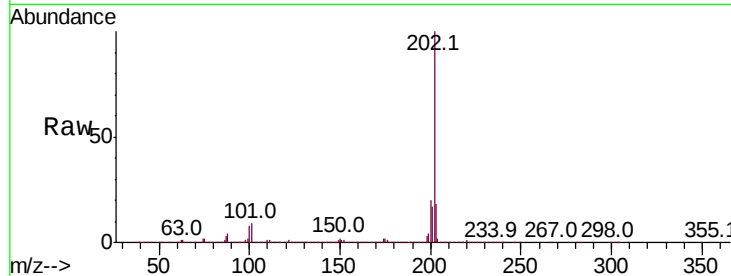




#79
Pvrene
Concen: 91.658 ng/ul
RT: 19.53 min Scan# 2812
Delta R.T. -0.04 min
Lab File: BM020504.D
Acq: 22 May 2019 22:48

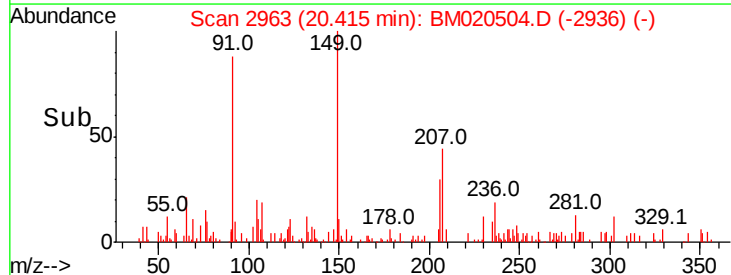
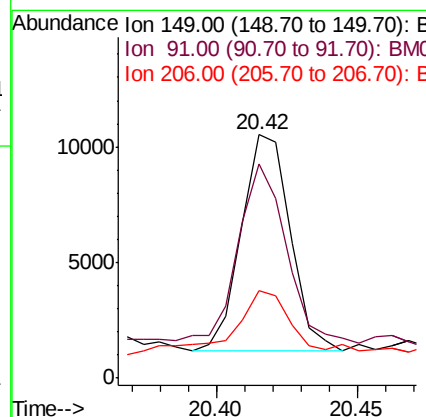
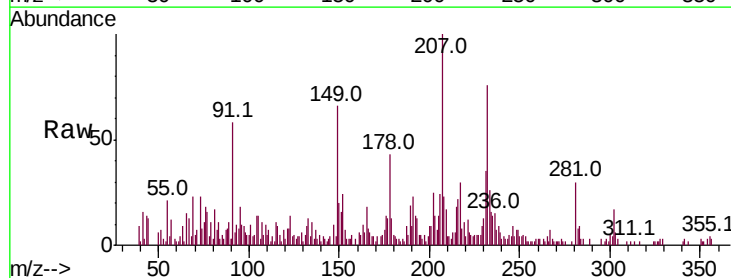
Instrument :
BNA_M
ClientSampleId :

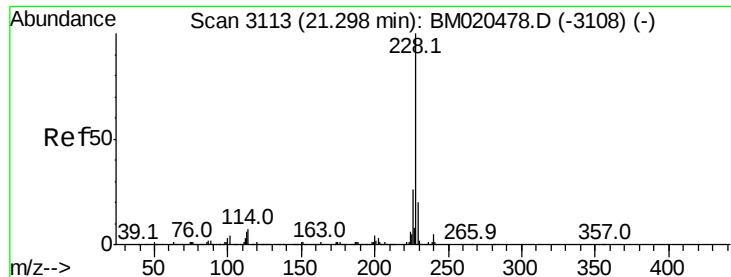
Tot Ion:202 Resp: 2437714
Ion Ratio Lower Upper
202 100
101 9.1 7.1 10.7
100 7.6 5.9 8.9



#80
Butylbenzylphthalate
Concen: 1.346 ng/ul
RT: 20.42 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BM020504.D
Acq: 22 May 2019 22:48

Tgt Ion:149 Resp: 11220
Ion Ratio Lower Upper
149 100
91 87.8 63.0 94.4
206 36.1 18.2 27.4#





#82

Benzo(a)anthracene

Concen: 54.850 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. -0.04 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

Instrument :

BNA_M

ClientSampleId :

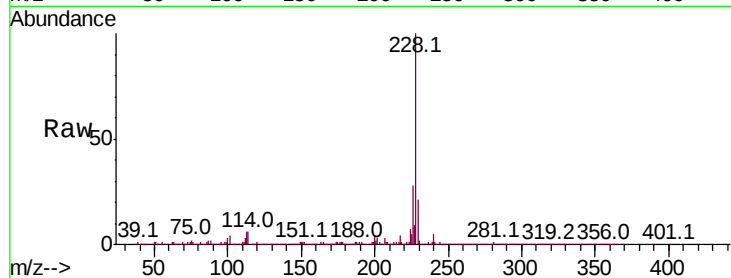
Tot Ion:228 Resp: 1462792

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	28.3	20.6	30.8

228 100

229 20.6 15.8 23.8

226 28.3 20.6 30.8

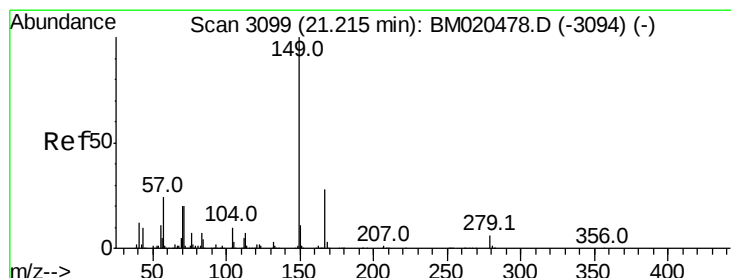
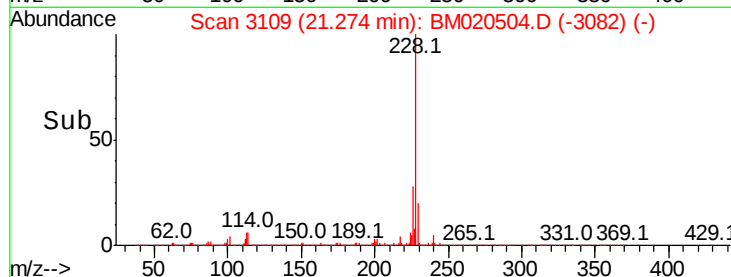
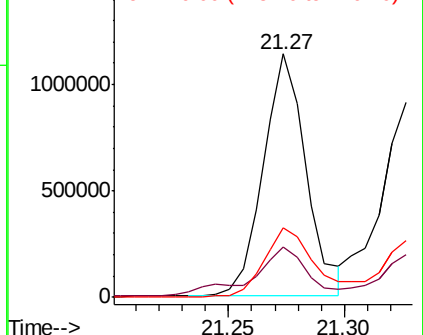


Abundance

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: 3.167 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.04 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

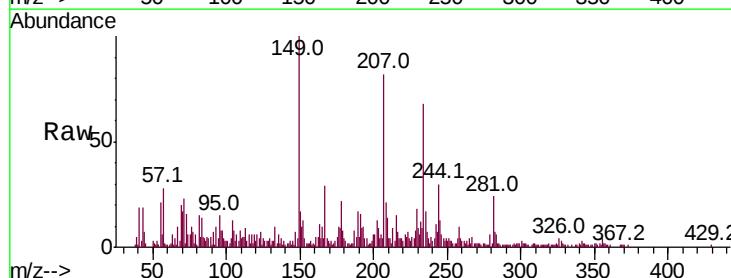
Tgt Ion:149 Resp: 38334

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.5	33.7
279	6.3	4.2	6.2#

149 100

167 29.2 22.5 33.7

279 6.3 4.2 6.2#

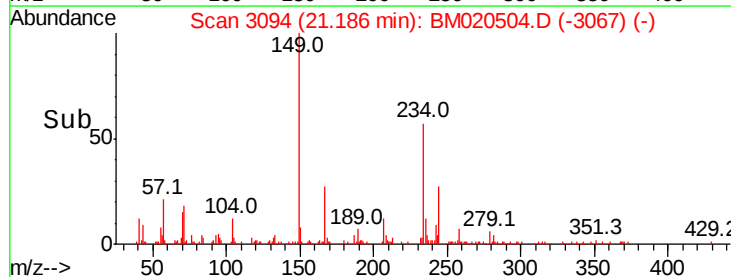
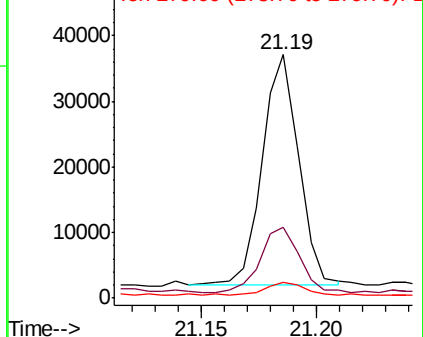


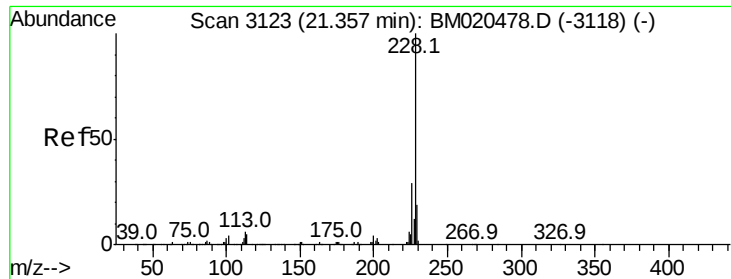
Abundance

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: 48.652 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. -0.04 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

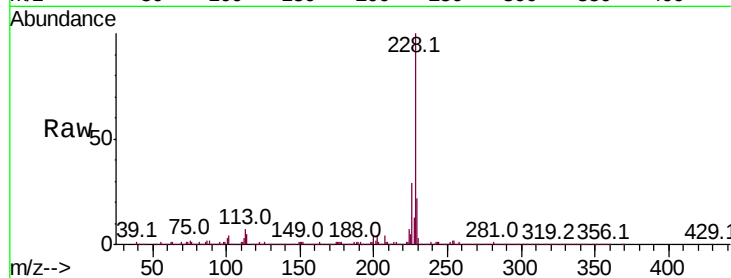
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 1239982

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.4
229	22.2	15.4	23.2

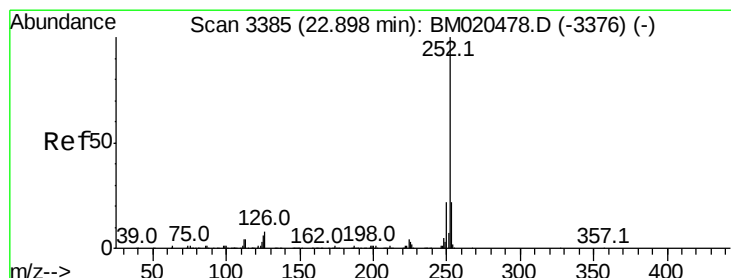
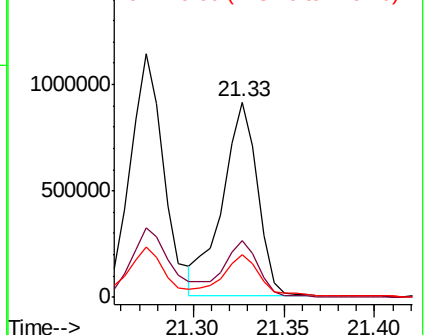
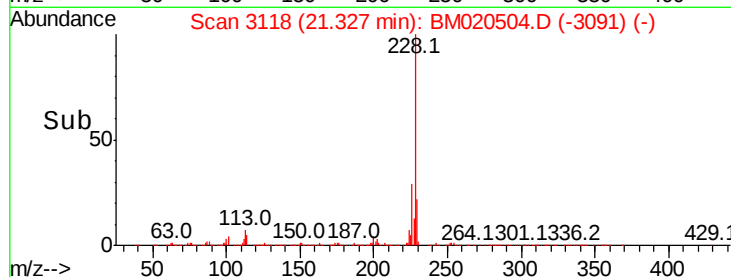


Abundance

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: 59.098 ng/ul

RT: 22.87 min Scan# 3380

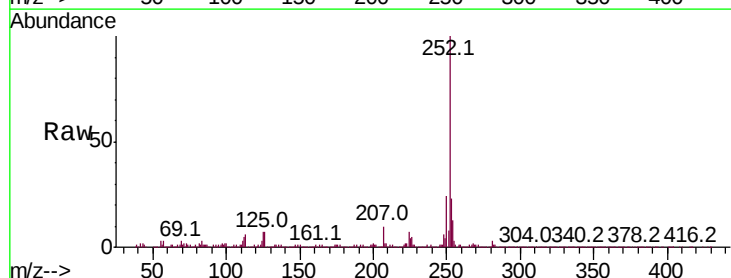
Delta R.T. -0.05 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

Tgt Ion:252 Resp: 1777488

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	6.6	5.0	7.4

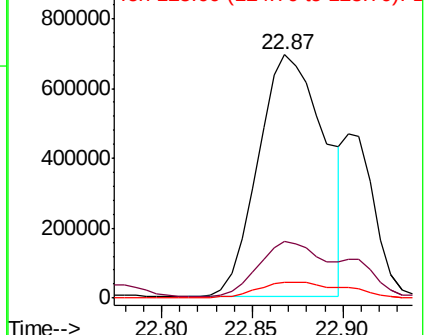
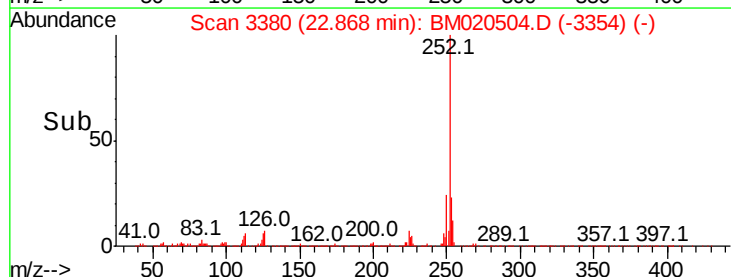


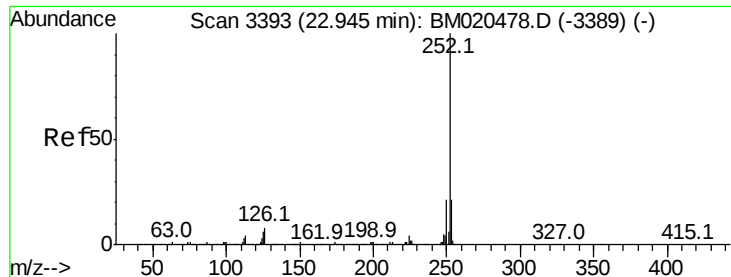
Abundance

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

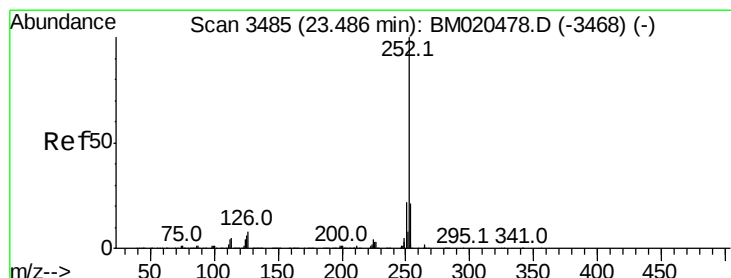
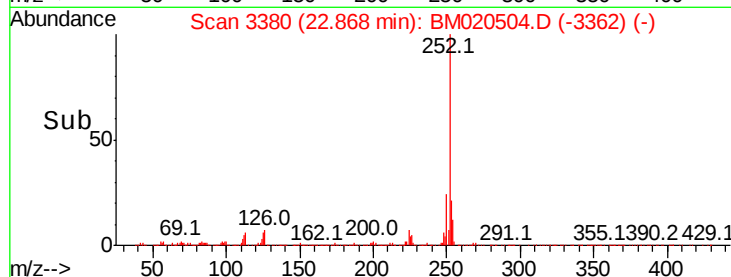
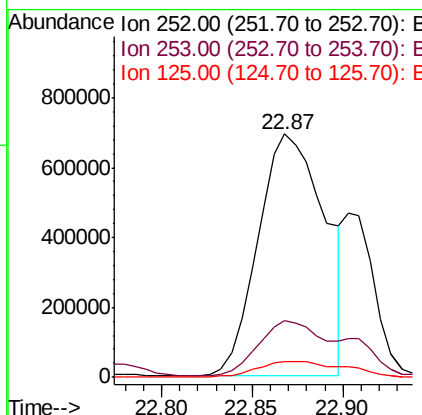
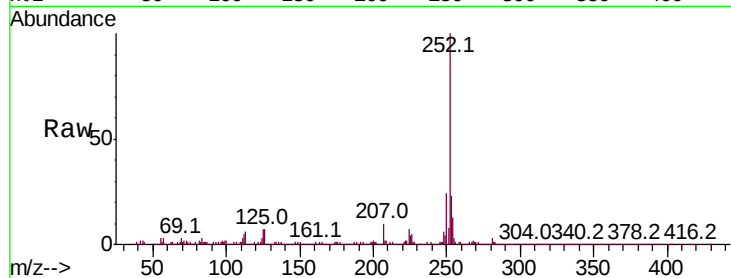




#88
Benzo(k)fluoranthene
Concen: 60.166 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. -0.09 min
Lab File: BM020504.D
Acq: 22 May 2019 22:48

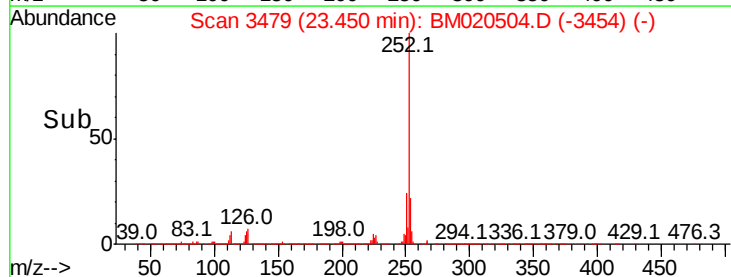
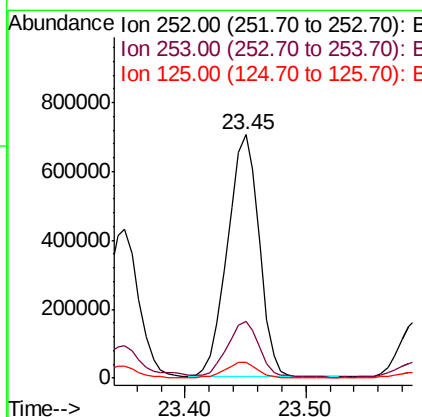
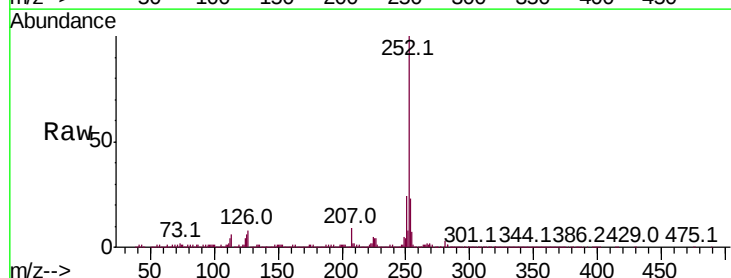
Instrument :
BNA_M
ClientSampleId :

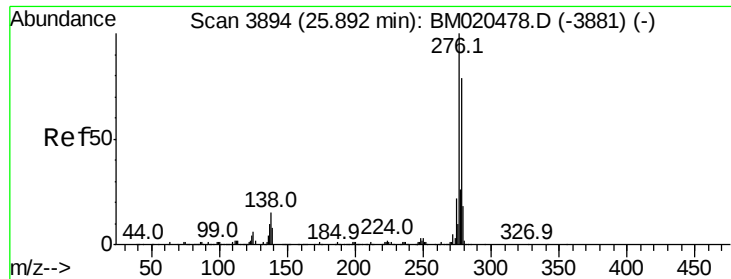
Tot Ion:252 Resp: 1777488
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 6.6 5.0 7.6



#90
Benzo(a)pyrene
Concen: 45.275 ng/ul
RT: 23.45 min Scan# 3479
Delta R.T. -0.05 min
Lab File: BM020504.D
Acq: 22 May 2019 22:48

Tgt Ion:252 Resp: 1281513
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 6.3 5.4 8.2



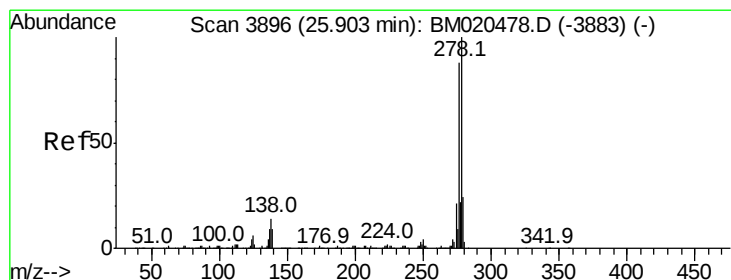
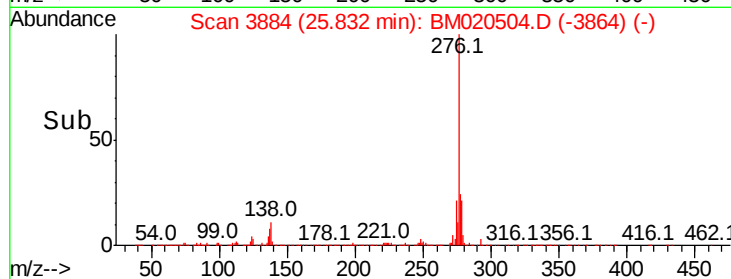
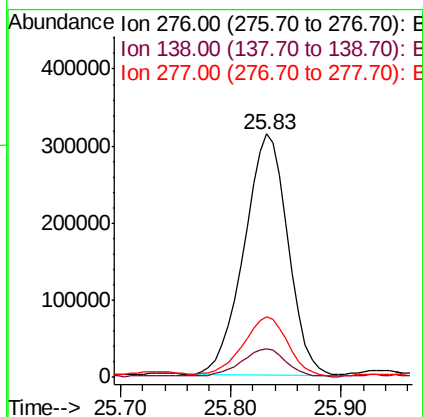
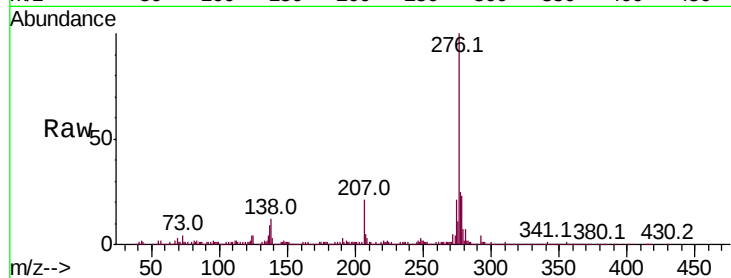


#91

Indeno(1,2,3-cd)pyrene
Concen: 27.018 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.08 min
Lab File: BM020504.D
Acq: 22 May 2019 22:48

Instrument :
BNA_M
ClientSampleId :

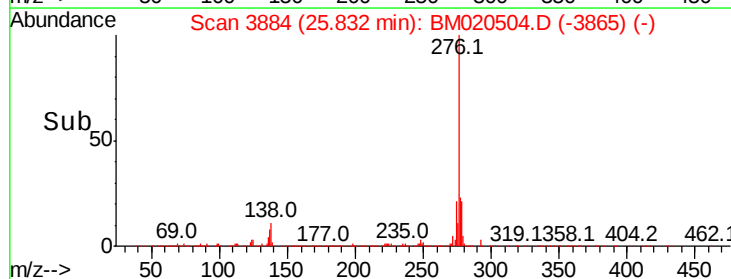
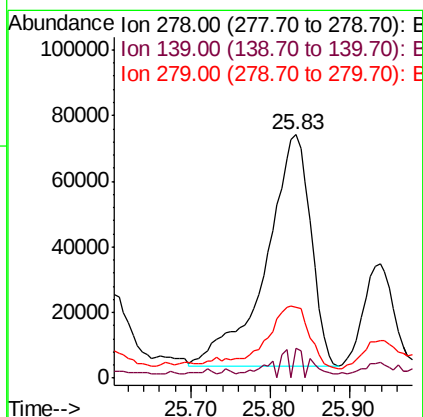
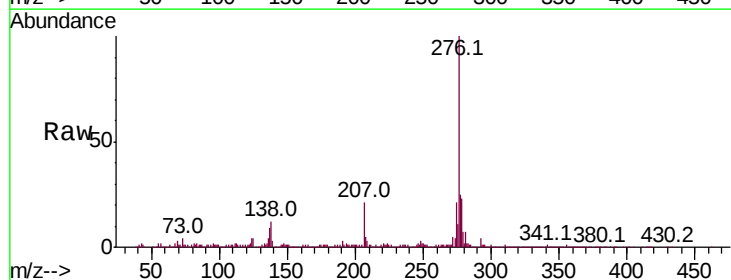
Tot Ion	Ratio	Lower	Upper
276	100		
138	11.8	12.3	18.5#
277	24.9	20.0	30.0

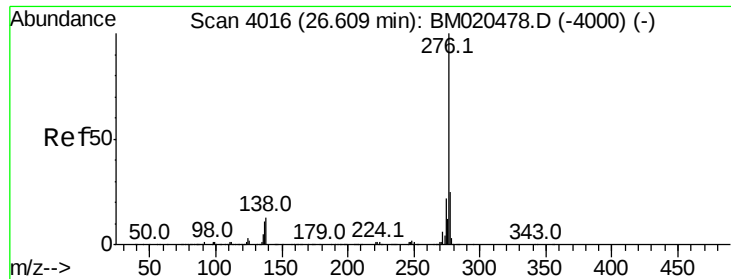


#92

Dibenzo(a,h)anthracene
Concen: 10.082 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.09 min
Lab File: BM020504.D
Acq: 22 May 2019 22:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	8.1	12.1#
279	28.9	18.7	28.1#





#93

Benzo(a,h,i)perylene

Concen: 24.018 ng/ul

RT: 26.54 min Scan# 4004

Delta R.T. -0.09 min

Lab File: BM020504.D

Acq: 22 May 2019 22:48

Instrument :

BNA_M

ClientSampleId :

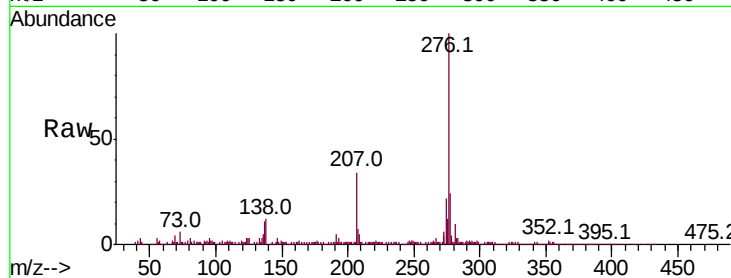
Tot Ion:276 Resp: 641231

Ion Ratio Lower Upper

276 100

138 11.7 10.0 15.0

277 23.9 18.2 27.4



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

