

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
 Data File : BM020853.D
 Acq On : 11 Jun 2019 02:01
 Operator : HP/JU
 Sample : K3017-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 11 03:02:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	365556	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1434631	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	795151	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1695033	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1552081	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1800891	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	22755	2.97	ng/uL	0.00
5) Phenol-d5	6.97	99	443878	15.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	284121	16.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	387016	17.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	362325	16.10	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	186450	19.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	197111	19.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	386537	18.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	88074	3.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1225182	20.83	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1421587	19.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	115490	11.44	ng/ul	0.00
57) Fluorene-d10	15.44	176	998326	19.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	101621	11.72	ng/ul	0.00
70) Anthracene-d10	17.29	188	1464755	19.78	ng/ul	0.00
78) Pyrene-d10	19.58	212	1501025	20.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1577525	19.27	ng/ul	0.00

Target Compounds

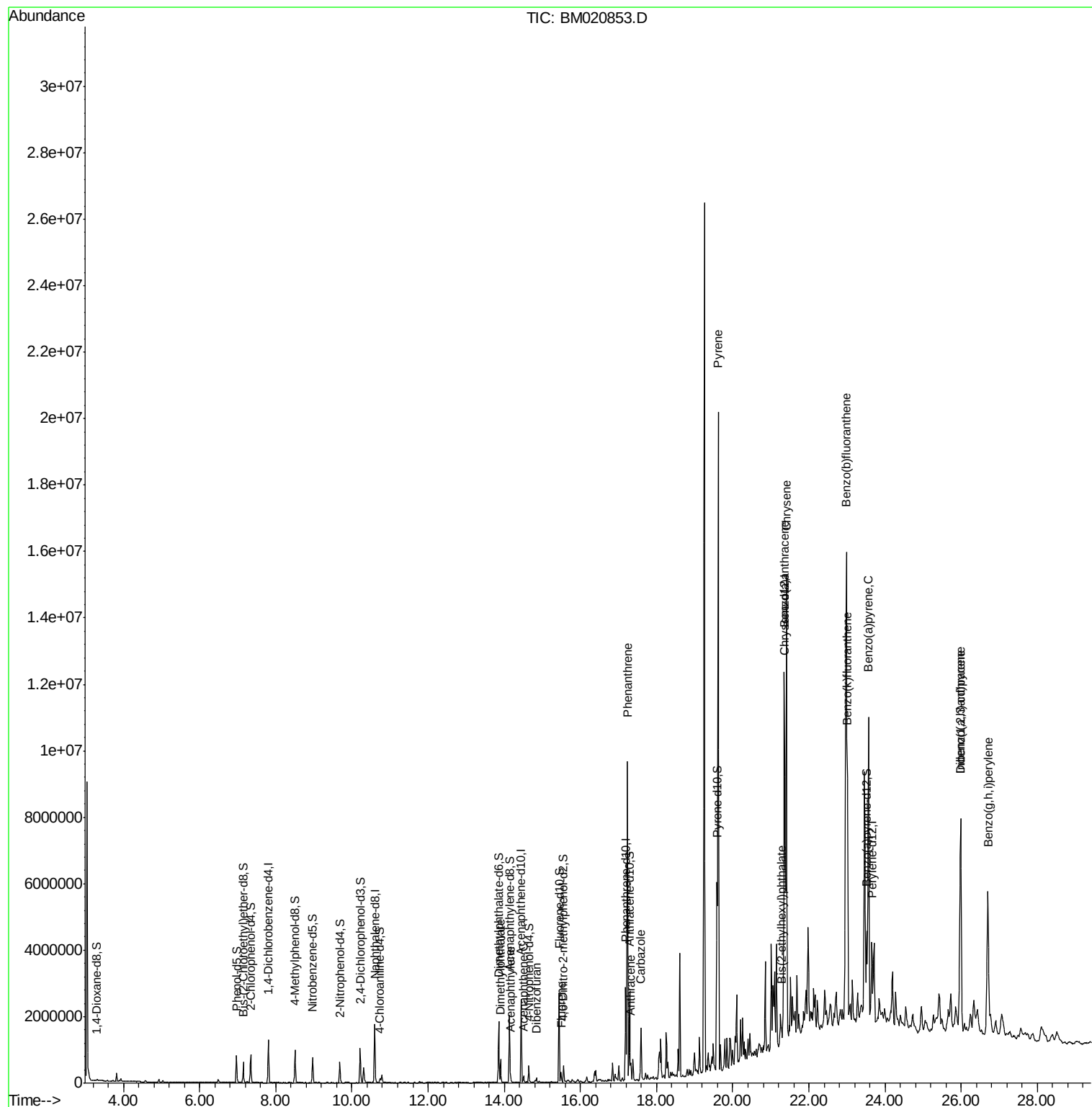
					Ovalue	
44) Dimethylphthalate	13.90	163	434634	7.380	ng/ul	99
47) Acenaphthylene	14.17	152	79848	1.107	ng/ul	97
49) Acenaphthene	14.51	153	76733	1.523	ng/ul	95
53) Dibenzofuran	14.84	168	72496	1.018	ng/ul	97
58) Fluorene	15.49	166	115873	2.026	ng/ul	96
69) Phenanthrene	17.23	178	5876278	68.884	ng/ul	99
71) Anthracene	17.32	178	377855	4.321	ng/ul	99
74) Carbazole	17.60	167	1020290	13.417	ng/ul	99
79) Pyrene	19.62	202	12315737	128.547	ng/ul	99
82) Benzo(a)anthracene	21.36	228	4764957	49.214	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.28	149	110891	1.684	ng/ul	99
84) Chrysene	21.41	228	7968685	88.698	ng/ul	98
87) Benzo(b)fluoranthene	22.98	252	12377067	118.143	ng/ul	98
88) Benzo(k)fluoranthene	23.01	252	4059769	40.543	ng/ul	97
90) Benzo(a)pyrene	23.56	252	6439324	64.607	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.99	276	6377396	54.175	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.99	278	1395655	13.992	ng/ul#	84
93) Benzo(g,h,i)perylene	26.70	276	5611418	58.755	ng/ul	97

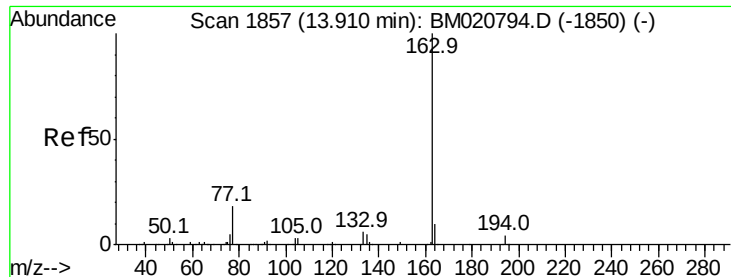
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 7.380 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM020853.D

Acq: 11 Jun 2019 02:01

Instrument :

BNA_M

ClientSampleId :

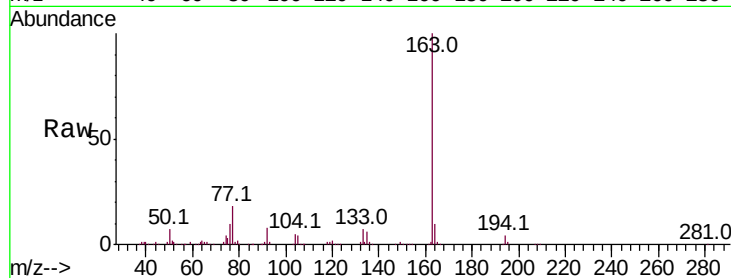
Tot Ion:163 Resp: 434634

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

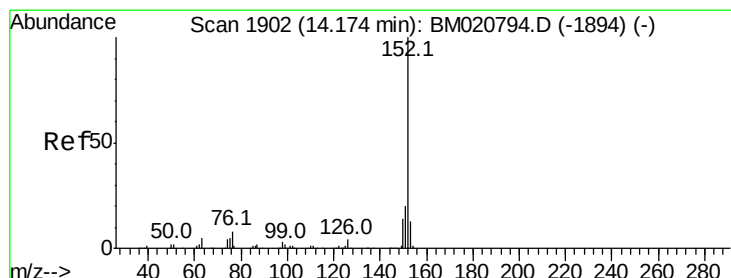
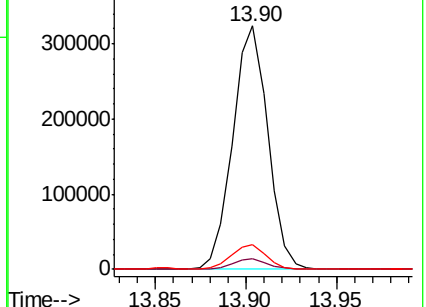
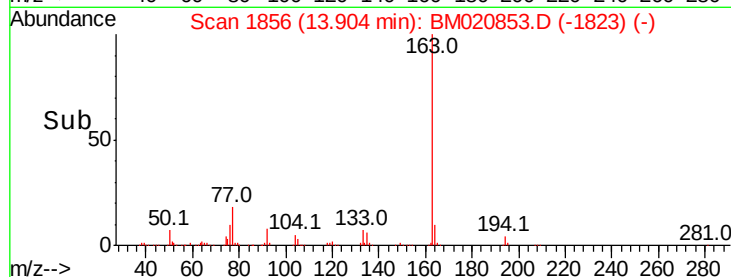
164 10.2 8.0 12.0



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



#47

Acenaphthylene

Concen: 1.107 ng/ul

RT: 14.17 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BM020853.D

Acq: 11 Jun 2019 02:01

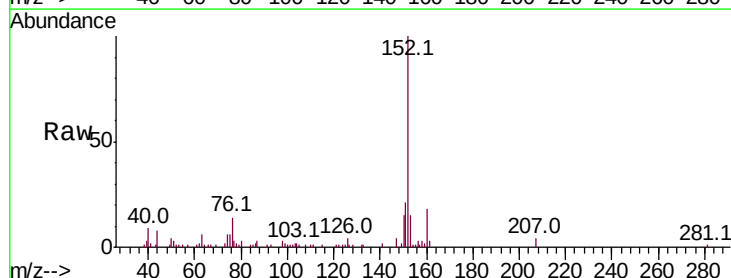
Tgt Ion:152 Resp: 79848

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

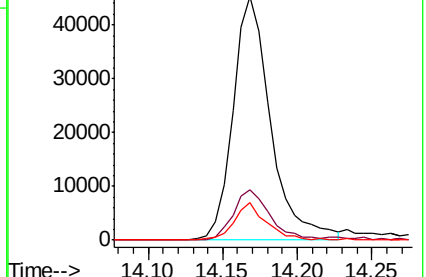
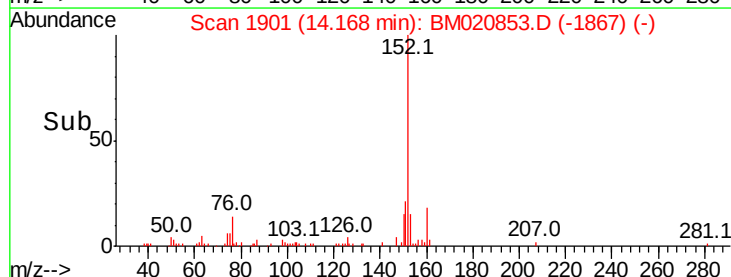
153 15.4 10.6 15.8

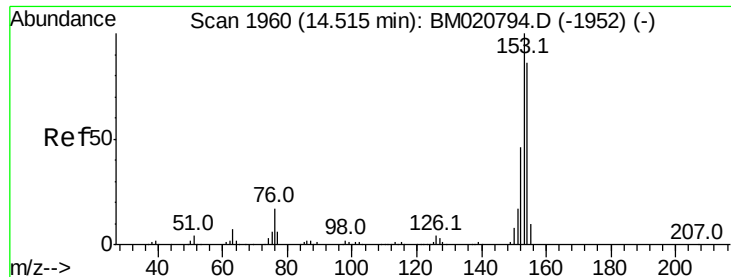


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 1.523 ng/ul

RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM020853.D

Acq: 11 Jun 2019 02:01

Instrument :

BNA_M

ClientSampleId :

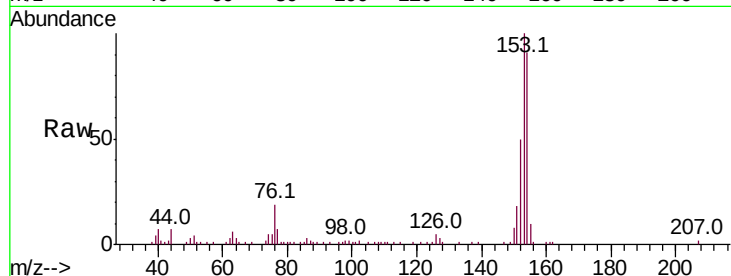
Tot Ion:153 Resp: 76733

Ion Ratio Lower Upper

153 100

152 49.6 37.3 55.9

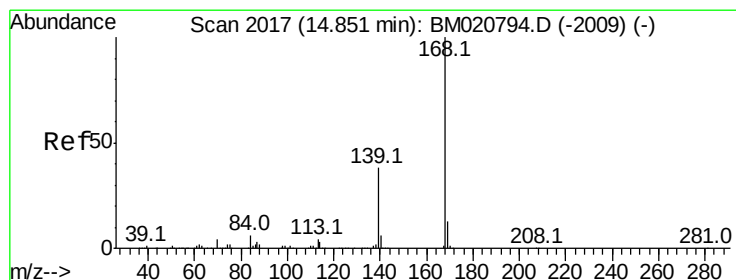
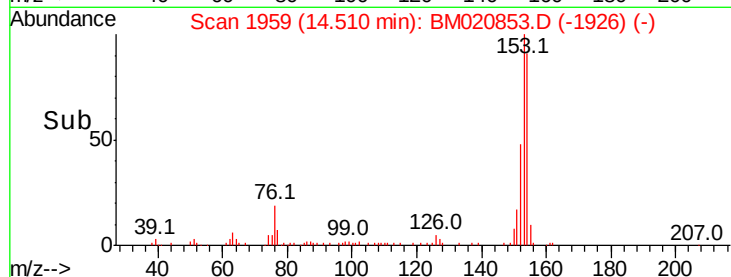
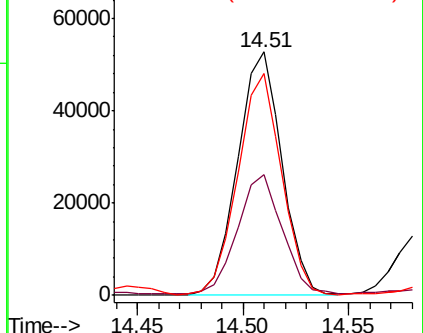
154 90.9 68.7 103.1



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

Dibenzofuran

Concen: 1.018 ng/ul

RT: 14.84 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BM020853.D

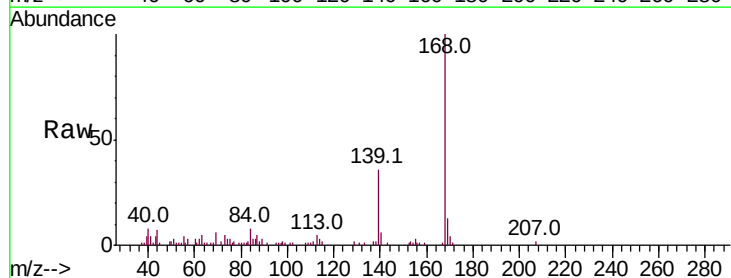
Acq: 11 Jun 2019 02:01

Tgt Ion:168 Resp: 72496

Ion Ratio Lower Upper

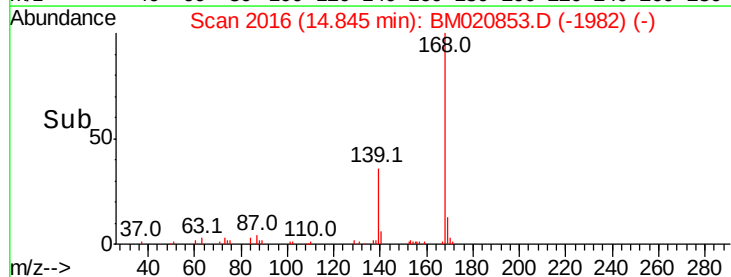
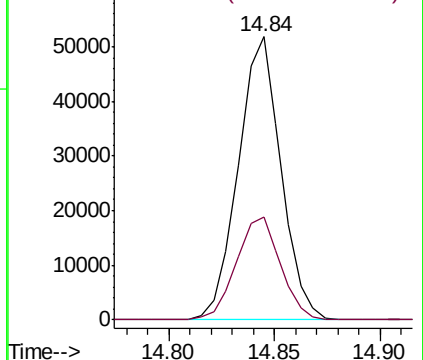
168 100

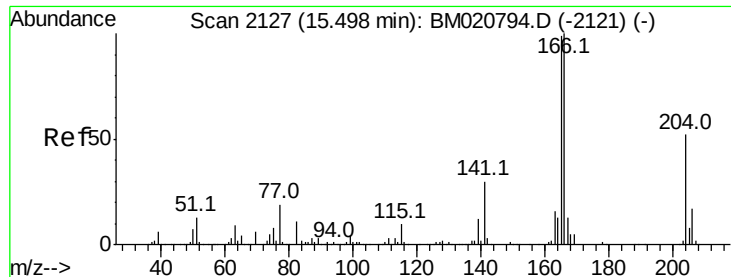
139 36.2 30.4 45.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.026 ng/ul

RT: 15.49 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BM020853.D

Acq: 11 Jun 2019 02:01

Instrument :

BNA_M

ClientSampleId :

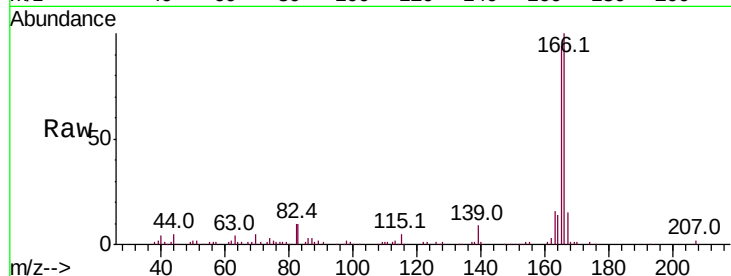
Tot Ion:166 Resp: 115873

Ion Ratio Lower Upper

166 100

165 94.1 78.6 117.8

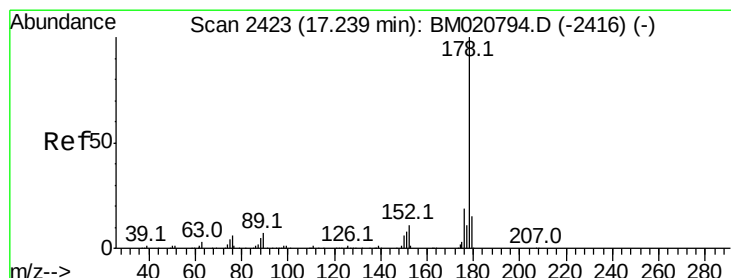
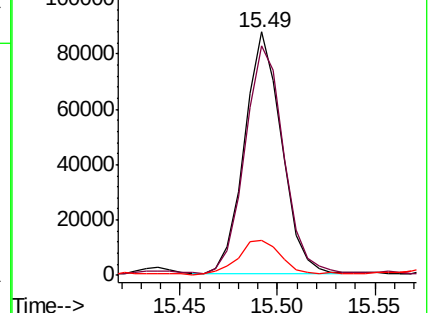
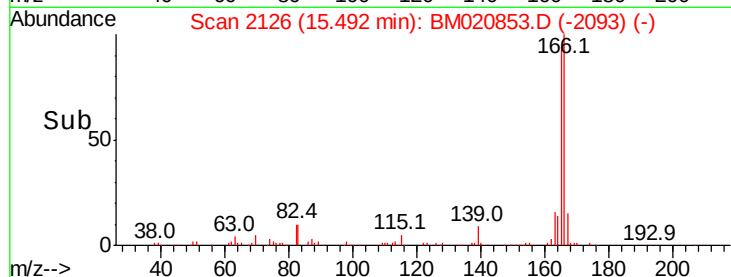
167 14.5 10.8 16.2



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: 68.884 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM020853.D

Acq: 11 Jun 2019 02:01

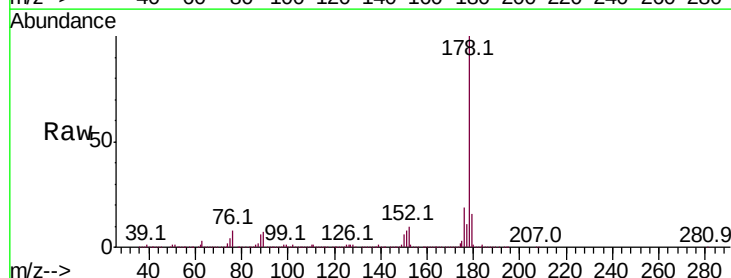
Tgt Ion:178 Resp: 5876278

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

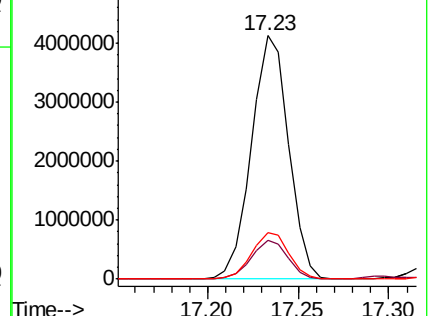
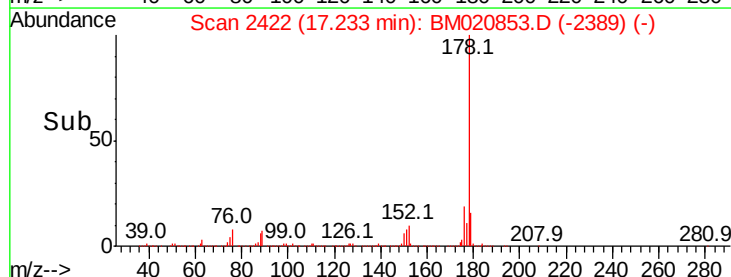
176 19.2 14.8 22.2

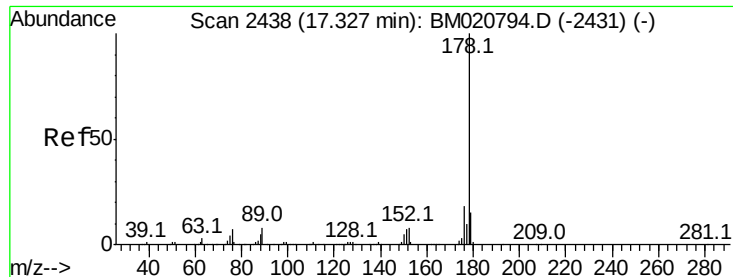


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

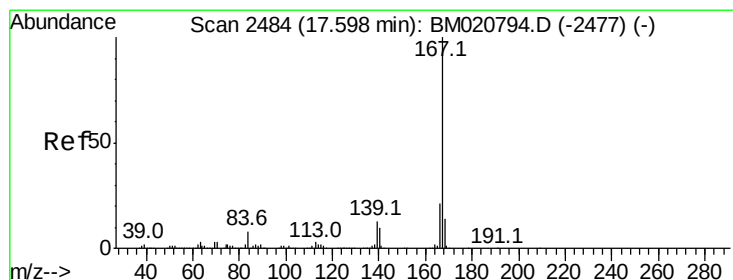
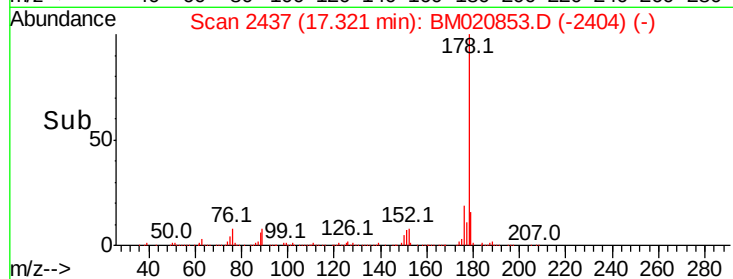
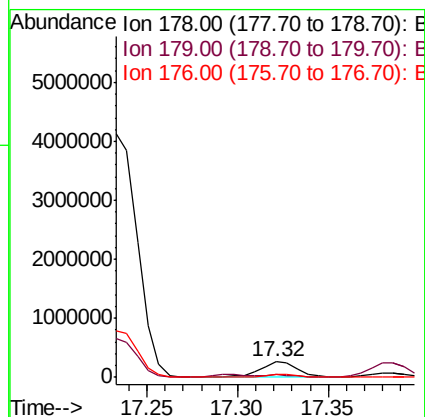
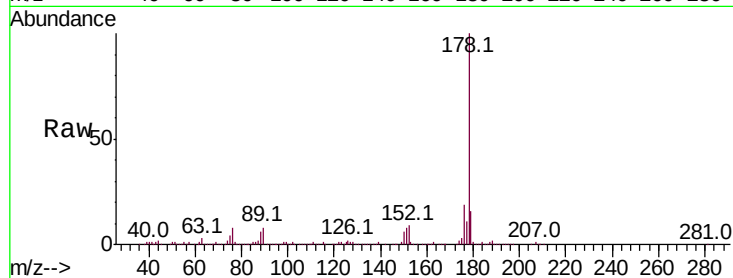




#71
 Anthracene
 Concen: 4.321 ng/ul
 RT: 17.32 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BM020853.D
 Acq: 11 Jun 2019 02:01

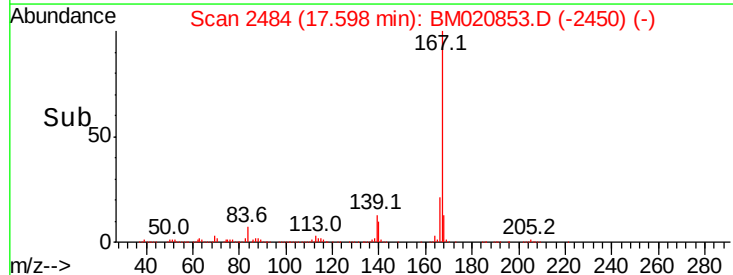
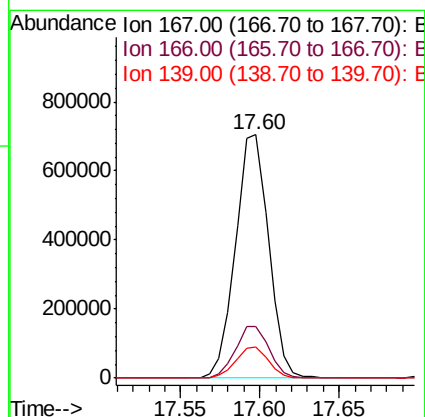
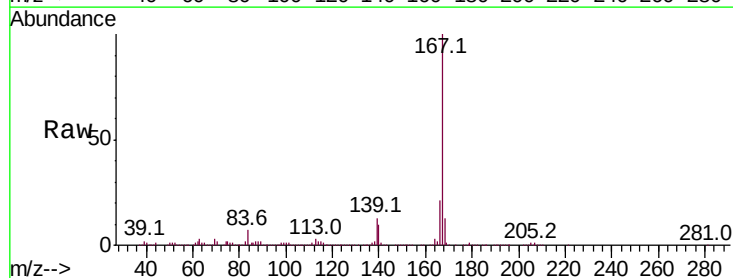
Instrument :
 BNA_M
 ClientSampleId :

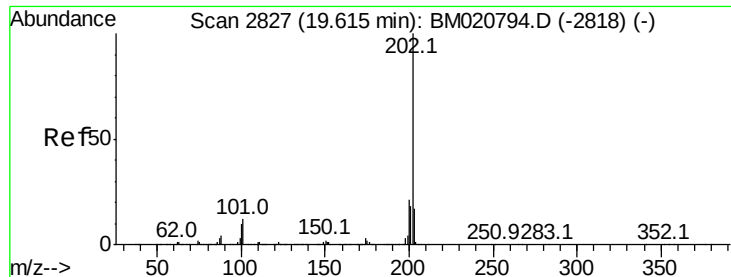
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.1	18.1
176	18.8	14.9	22.3



#74
 Carbazole
 Concen: 13.417 ng/ul
 RT: 17.60 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BM020853.D
 Acq: 11 Jun 2019 02:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.7	10.5	15.7





#79

Pvrene

Concen: 128.547 ng/ul

RT: 19.62 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BM020853.D

Acq: 11 Jun 2019 02:01

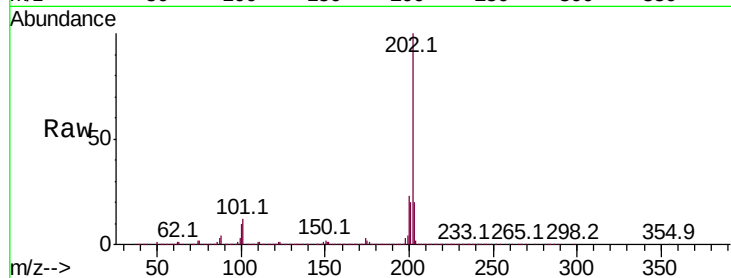
Instrument :

BNA_M

ClientSampled :

Tot Ion:202 Resp:12315737

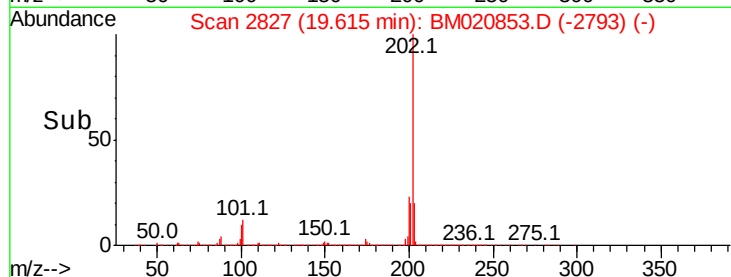
Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.8	14.6
100	9.6	8.0	12.0



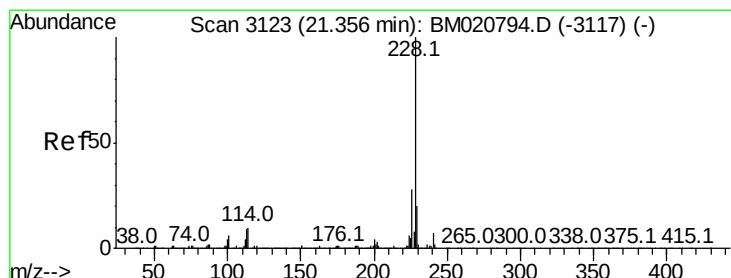
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->



#82

Benzo(a)anthracene

Concen: 49.214 ng/ul

RT: 21.36 min Scan# 3123

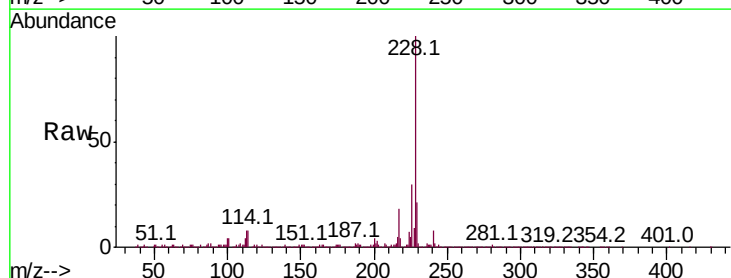
Delta R.T. 0.00 min

Lab File: BM020853.D

Acq: 11 Jun 2019 02:01

Tgt Ion:228 Resp: 4764957

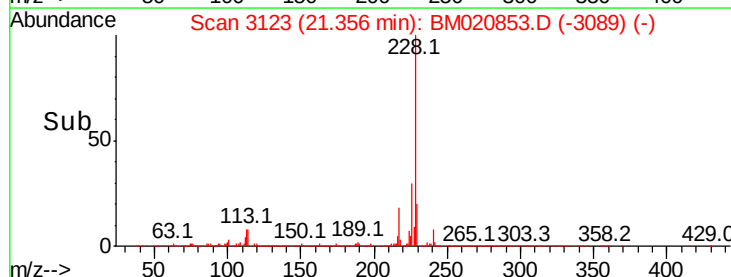
Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	29.7	21.4	32.2



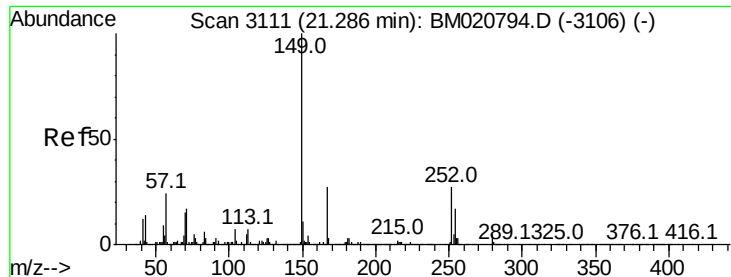
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.684 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020853.D

Acq: 11 Jun 2019 02:01

Instrument :

BNA_M

ClientSampled :

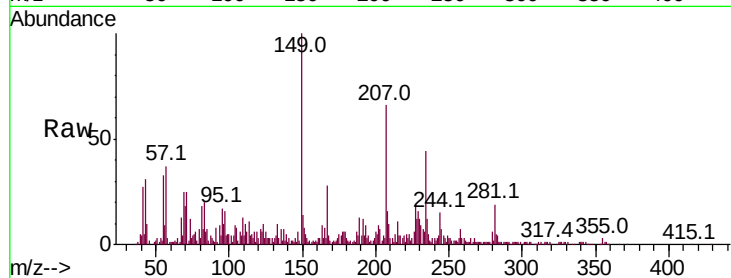
Tot Ion:149 Resp: 110891

Ion Ratio Lower Upper

149 100

167 27.9 21.9 32.9

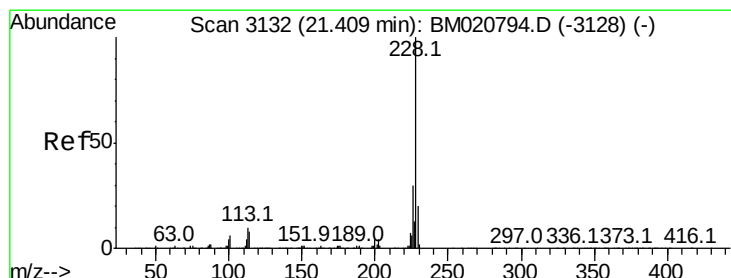
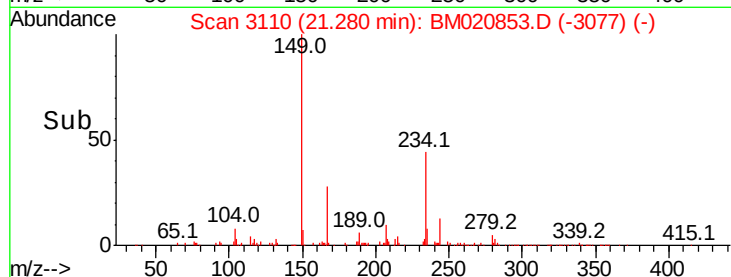
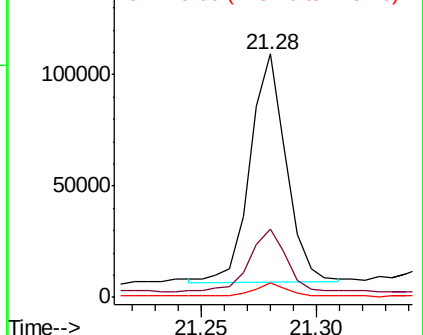
279 5.7 4.1 6.1



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: 88.698 ng/ul

RT: 21.41 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BM020853.D

Acq: 11 Jun 2019 02:01

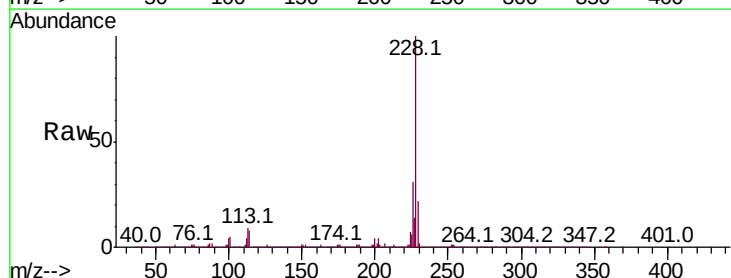
Tgt Ion:228 Resp: 7968685

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

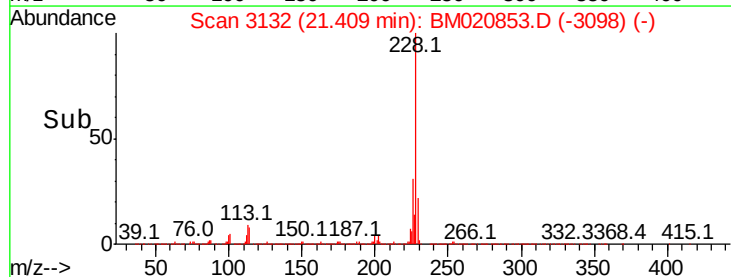
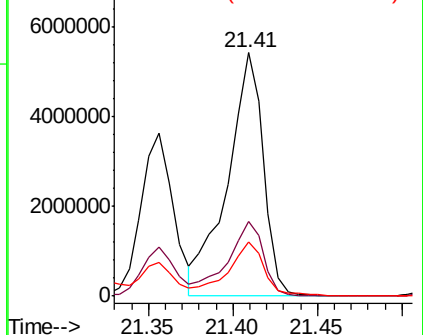
229 22.1 16.2 24.2

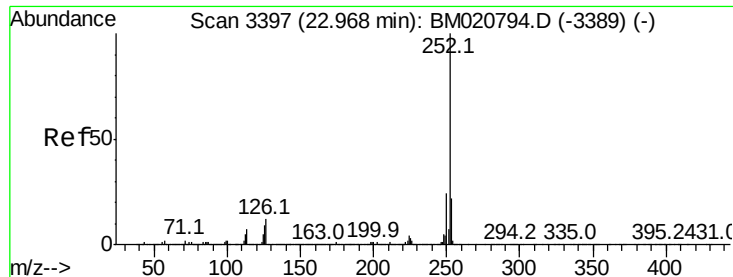


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 118.143 ng/ul

RT: 22.98 min Scan# 3399

Delta R.T. 0.01 min

Lab File: BM020853.D

Acq: 11 Jun 2019 02:01

Instrument :

BNA_M

ClientSampleId :

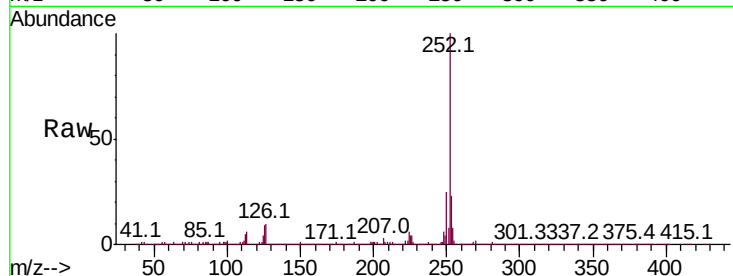
Tot Ion:252 Resp:12377067

Ion Ratio Lower Upper

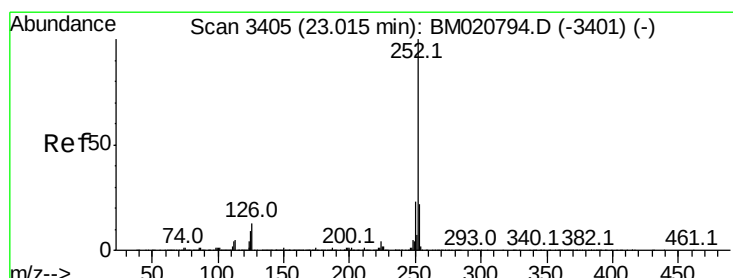
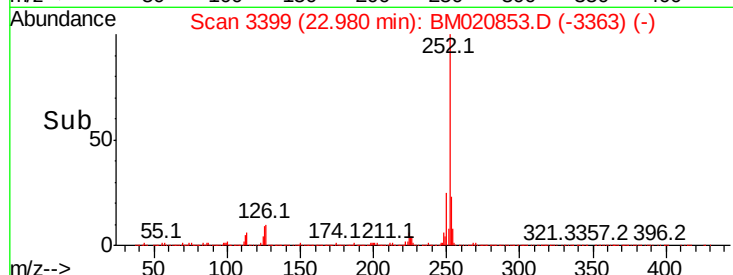
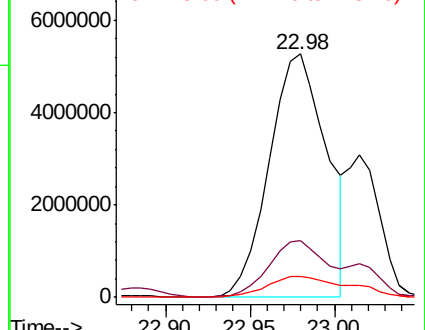
252 100

253 23.1 17.6 26.4

125 8.7 7.3 10.9



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: 40.543 ng/ul

RT: 23.01 min Scan# 3405

Delta R.T. 0.00 min

Lab File: BM020853.D

Acq: 11 Jun 2019 02:01

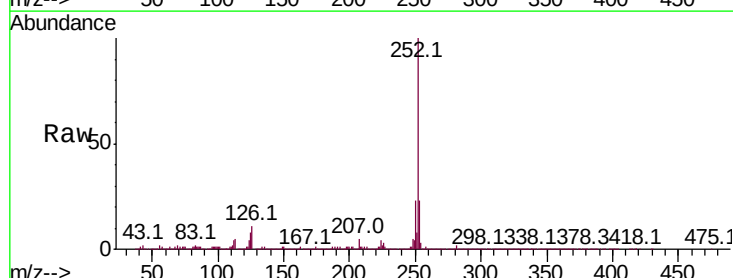
Tgt Ion:252 Resp: 4059769

Ion Ratio Lower Upper

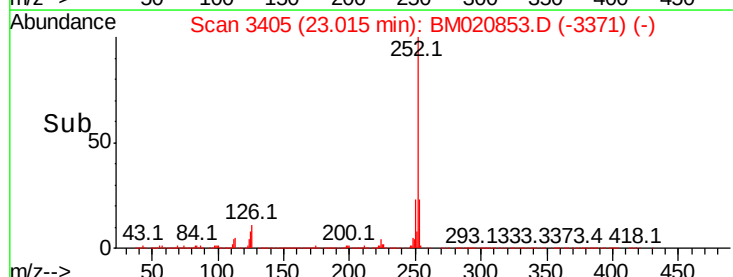
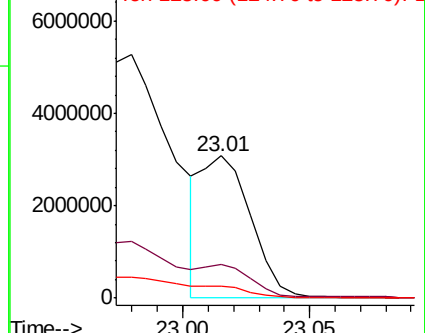
252 100

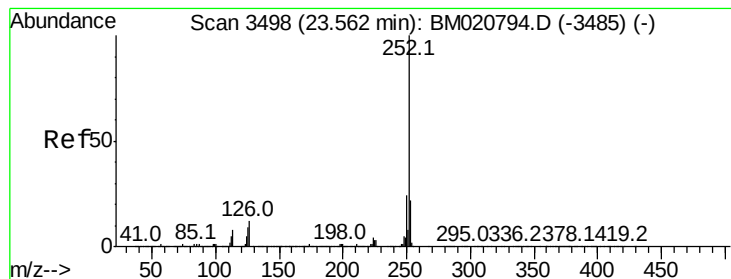
253 23.4 17.6 26.4

125 8.5 7.3 10.9



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: 64.607 ng/ul

RT: 23.56 min Scan# 3498

Delta R.T. 0.01 min

Lab File: BM020853.D

Acq: 11 Jun 2019 02:01

Instrument :

BNA_M

ClientSampleId :

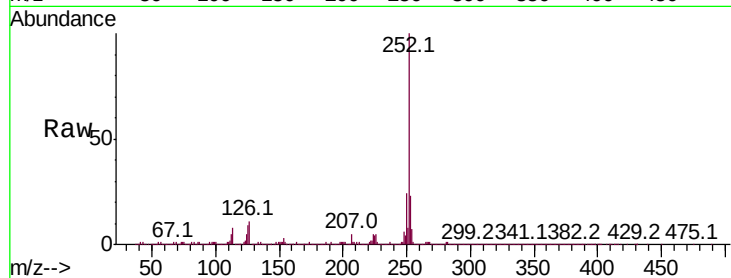
Tot Ion:252 Resp: 6439324

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.6

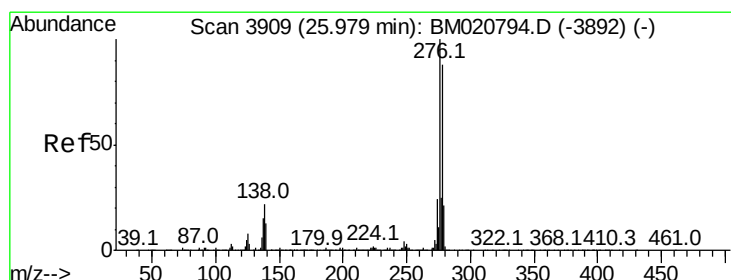
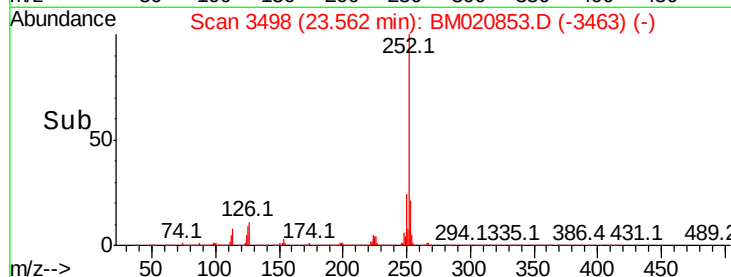
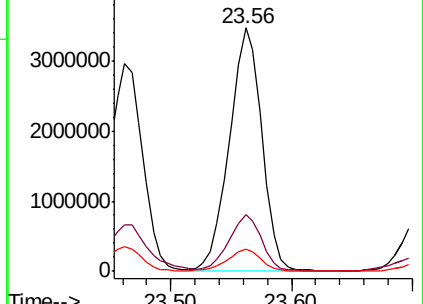
125 9.2 8.2 12.4



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 54.175 ng/ul

RT: 25.99 min Scan# 3910

Delta R.T. 0.02 min

Lab File: BM020853.D

Acq: 11 Jun 2019 02:01

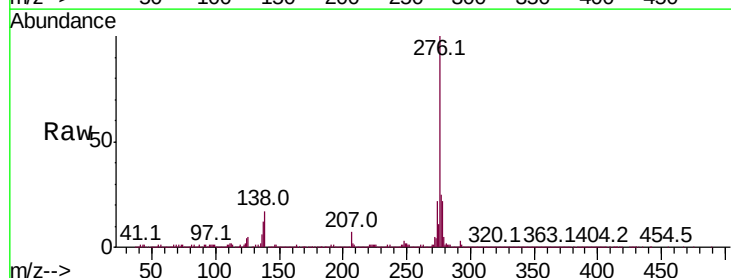
Tgt Ion:276 Resp: 6377396

Ion Ratio Lower Upper

276 100

138 17.1 17.8 26.8#

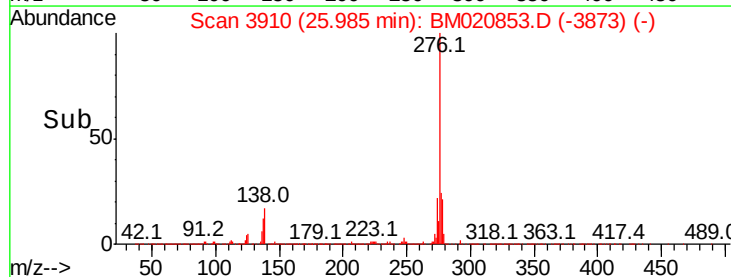
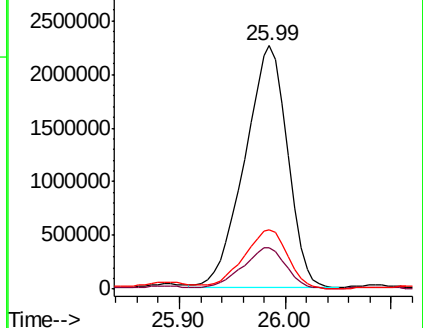
277 24.5 20.0 30.0

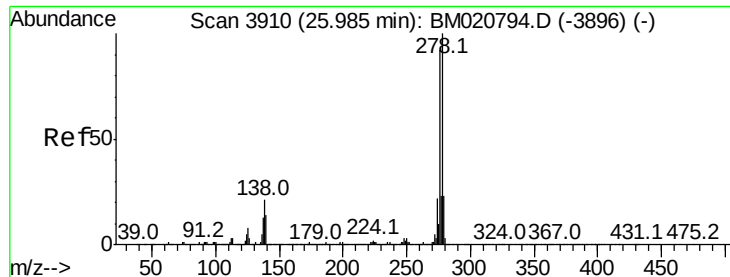


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

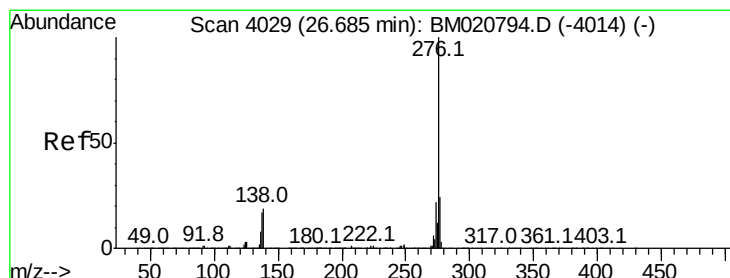
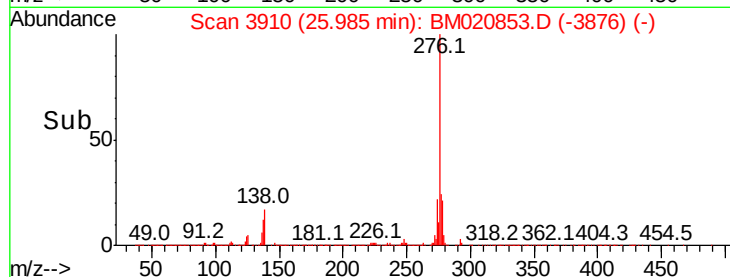
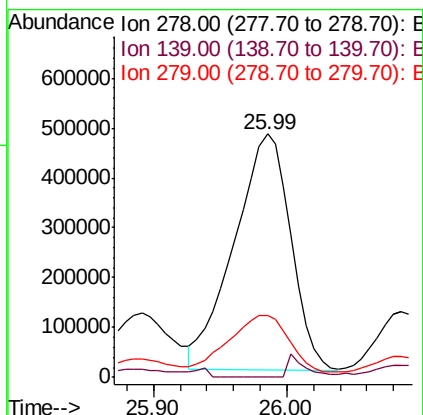
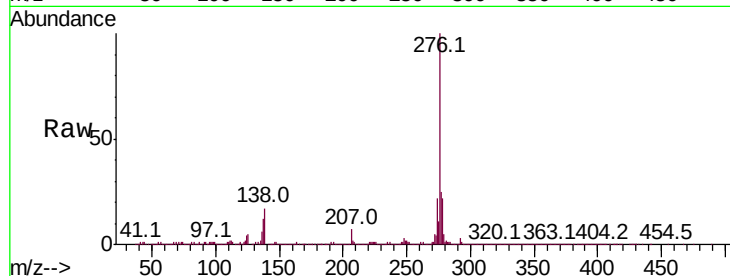




#92
Dibenzo(a,h)anthracene
Concen: 13.992 ng/ul
RT: 25.99 min Scan# 3910
Delta R.T. 0.00 min
Lab File: BM020853.D
Acq: 11 Jun 2019 02:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 1395655
Ion Ratio Lower Upper
278 100
139 0.0 11.6 17.4#
279 25.2 18.6 28.0



#93
Benzo(g,h,i)perylene
Concen: 58.755 ng/ul
RT: 26.70 min Scan# 4032
Delta R.T. 0.02 min
Lab File: BM020853.D
Acq: 11 Jun 2019 02:01

Tgt Ion:276 Resp: 5611418
Ion Ratio Lower Upper
276 100
138 17.9 16.6 25.0
277 24.3 19.6 29.4

