

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020483.D
 Acq On : 22 May 2019 05:18
 Operator : JU/SJ
 Sample : K2923-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4256

Quant Time: May 22 06:44:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 06:40:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	66772	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	248323	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	153545	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	386194	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	428700	20.00	ng/ul	0.04
85) Perylene-d12	23.70	264	642640	20.00	ng/ul	0.12

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	7988	4.41	ng/uL	0.00
5) Phenol-d5	6.89	99	134746	25.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	81669	24.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	104248	26.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	96009	24.75	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	43495	26.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	48947	27.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	104446	27.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	14364	3.69	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	311137	28.16	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	388489	28.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	29250	18.23	ng/ul	0.01
57) Fluorene-d10	15.37	176	284996	29.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	33634	15.29	ng/ul	0.00
70) Anthracene-d10	17.23	188	471713	28.48	ng/ul	0.00
78) Pyrene-d10	19.53	212	581134	28.14	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.70	264	393640	13.48	ng/ul	0.26

Target Compounds

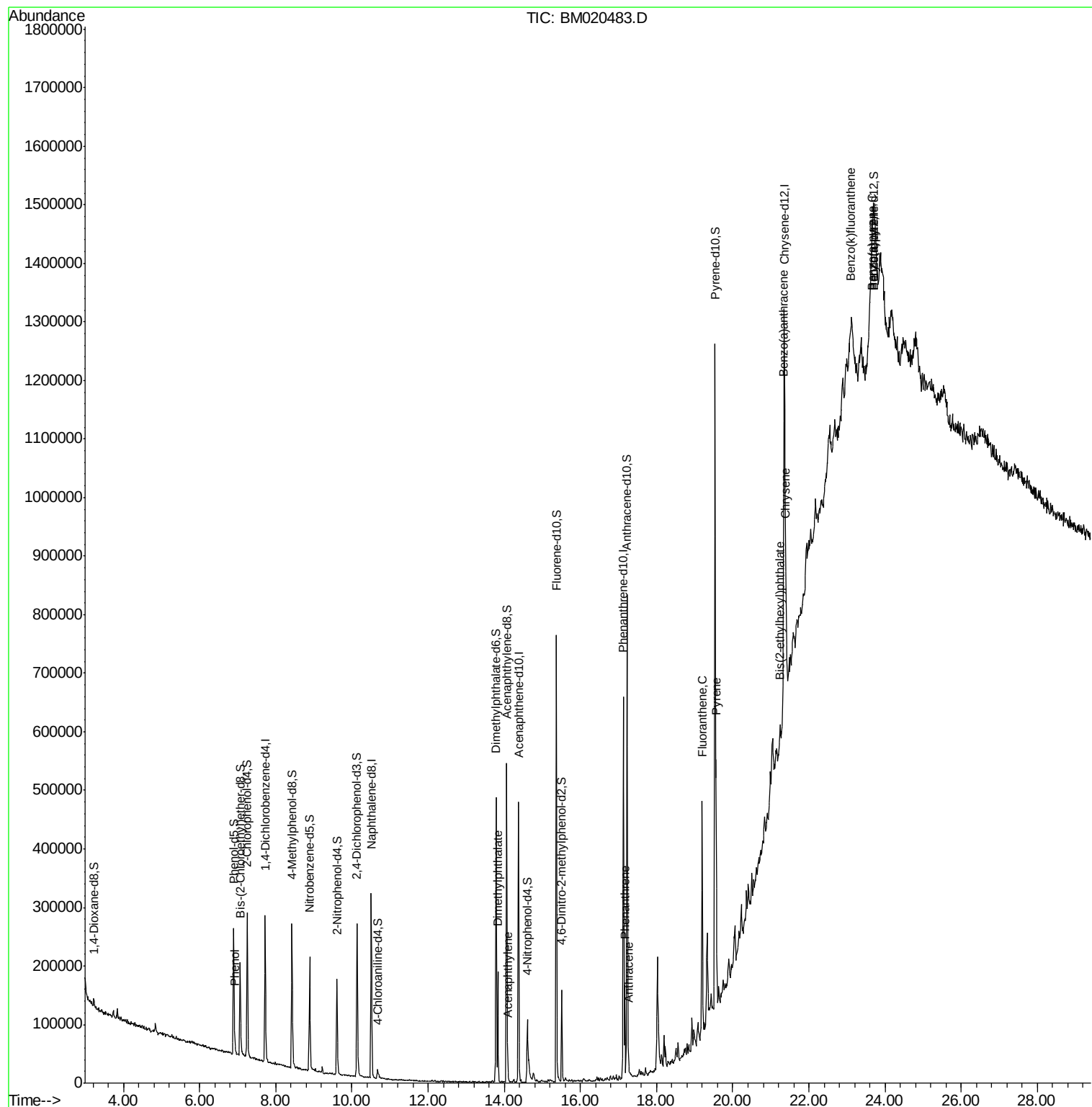
					Qvalue	
6) Phenol	6.92	94	8409	1.501	ng/ul	92
44) Dimethylphthalate	13.83	163	113484	10.384	ng/ul	98
47) Acenaphthylene	14.10	152	14848	1.139	ng/ul	98
69) Phenanthrene	17.17	178	90426	4.914	ng/ul	100
71) Anthracene	17.26	178	25595	1.367	ng/ul	98
76) Fluoranthene	19.20	202	247079	10.630	ng/ul	98
79) Pyrene	19.56	202	249153	9.683	ng/ul	98
82) Benzo(a)anthracene	21.34	228	152869	5.925	ng/ul#	91
83) Bis(2-ethylhexyl)phthalate	21.24	149	12205	1.042	ng/ul#	81
84) Chrysene	21.39	228	144457	5.858	ng/ul#	92
88) Benzo(k)fluoranthene	23.10	252	297040	8.245	ng/ul#	84
90) Benzo(a)pyrene	23.66	252	78214	2.266	ng/ul#	58

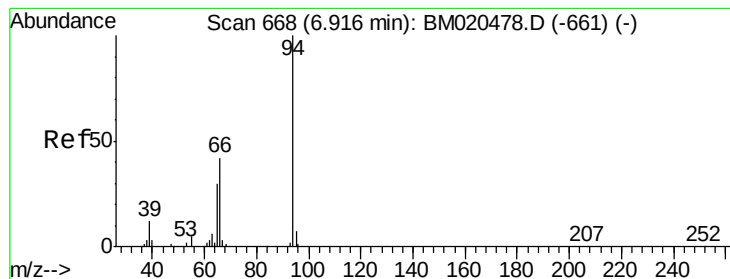
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.501 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM020483.D

Acq: 22 May 2019 05:18

Instrument :

BNA_M

ClientSampleId :

A4256

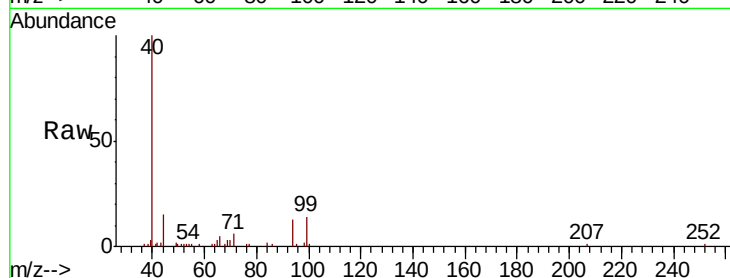
Tgt Ion: 94 Resp: 8409

Ion Ratio Lower Upper

94 100

65 27.9 25.4 38.0

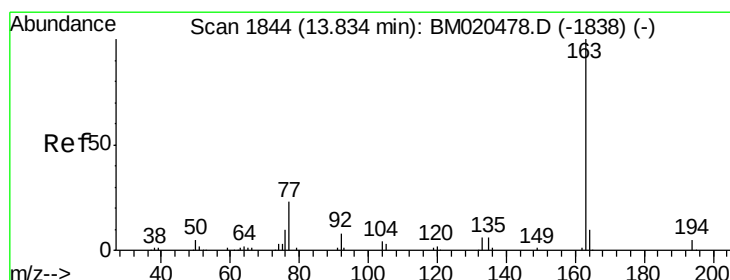
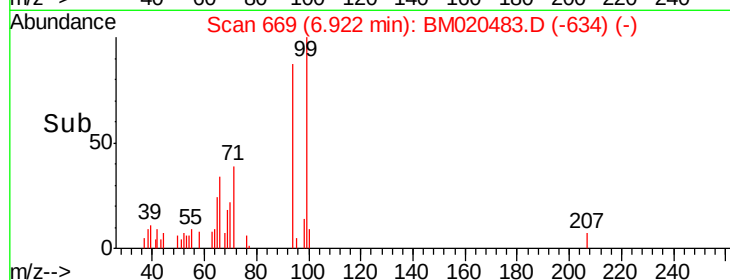
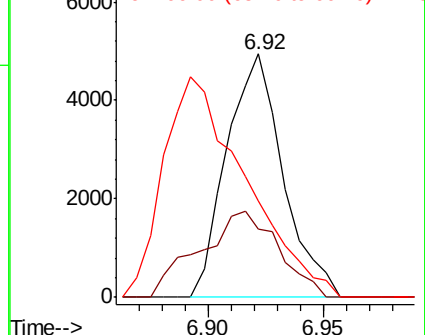
66 39.5 36.5 54.7



Abundance Ion 94.00 (93.70 to 94.70): BM020478.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020478.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020478.D (-661) (-)



#44

Dimethylphthalate

Concen: 10.384 ng/ul

RT: 13.83 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BM020483.D

Acq: 22 May 2019 05:18

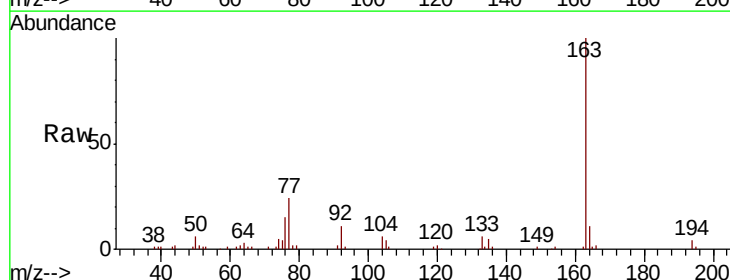
Tgt Ion: 163 Resp: 113484

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

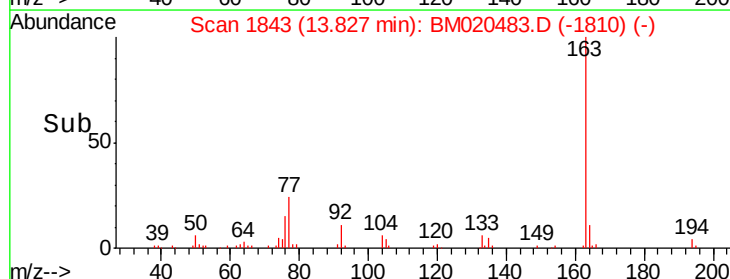
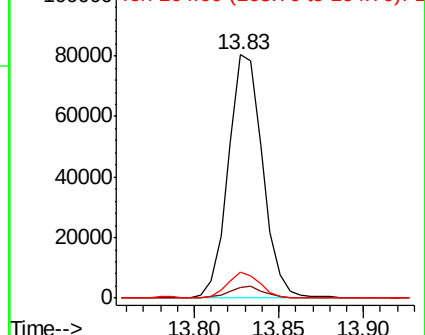
164 10.9 8.0 12.0

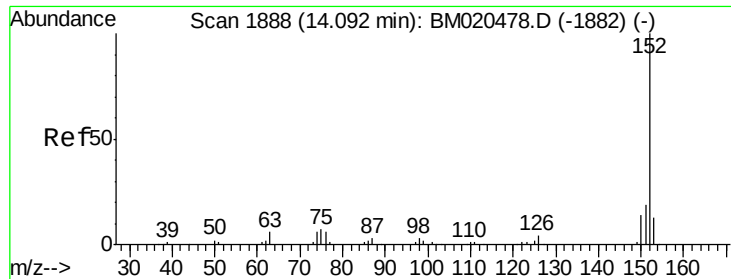


Abundance Ion 163.00 (162.70 to 163.70): BM020478.D (-1838) (-)

Ion 194.00 (193.70 to 194.70): BM020478.D (-1838) (-)

Ion 164.00 (163.70 to 164.70): BM020478.D (-1838) (-)





#47

Acenaphthylene

Concen: 1.139 ng/ul

RT: 14.10 min Scan# 1889

Delta R.T. 0.01 min

Lab File: BM020483.D

Acq: 22 May 2019 05:18

Instrument :

BNA_M

ClientSampleId :

A4256

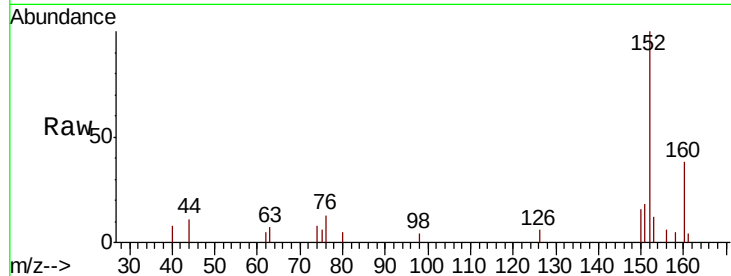
Tgt Ion:152 Resp: 14848

Ion Ratio Lower Upper

152 100

151 18.2 15.4 23.0

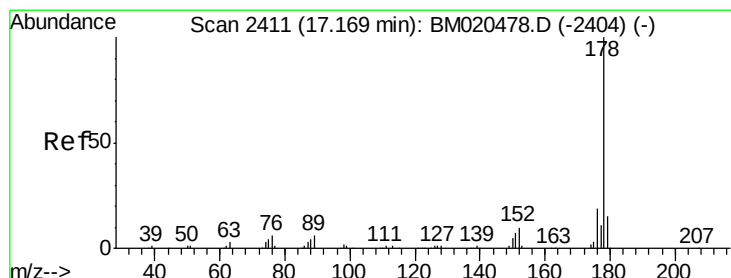
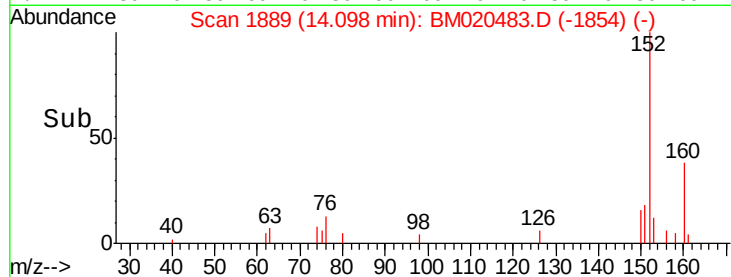
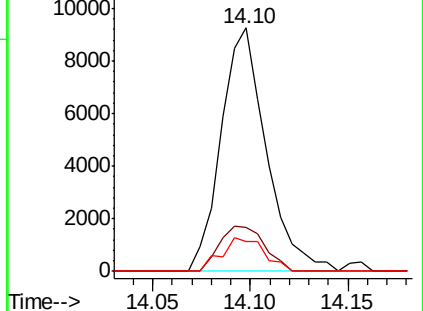
153 12.4 10.3 15.5



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



#69

Phenanthrene

Concen: 4.914 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BM020483.D

Acq: 22 May 2019 05:18

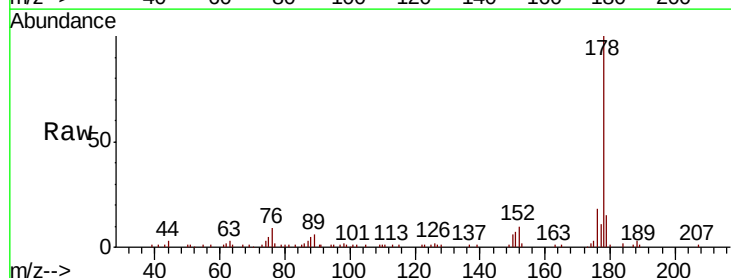
Tgt Ion:178 Resp: 90426

Ion Ratio Lower Upper

178 100

179 15.2 11.9 17.9

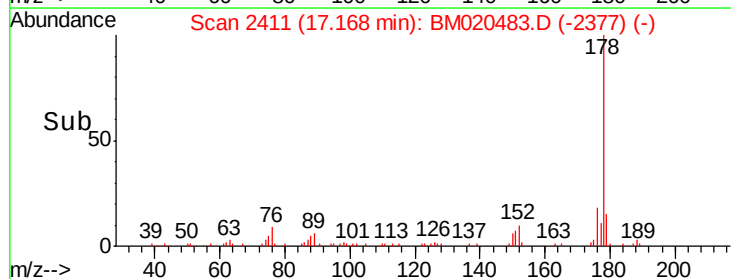
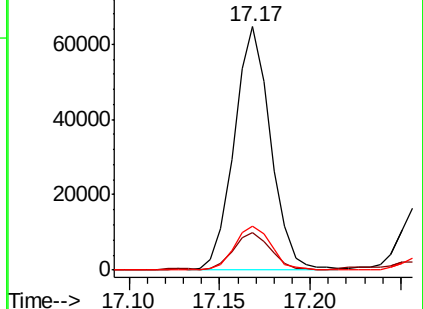
176 18.2 14.6 22.0

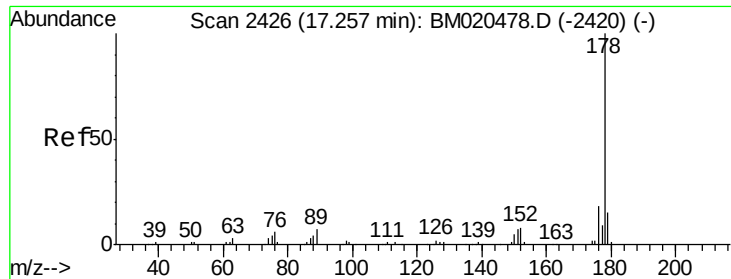


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

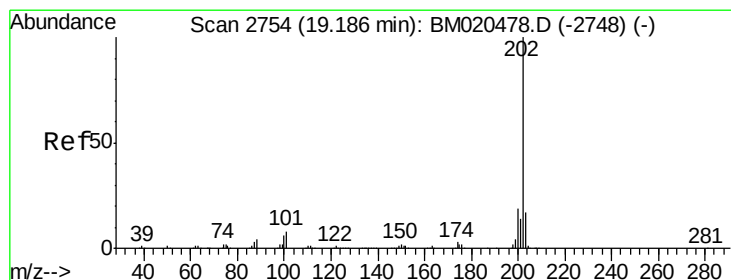
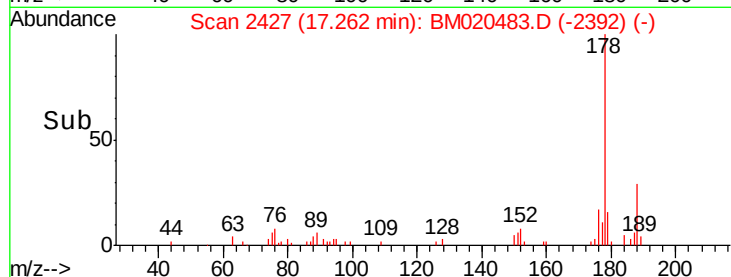
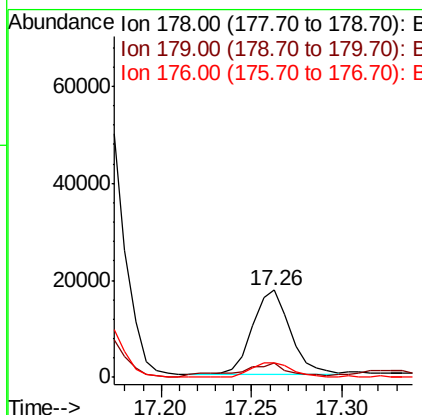
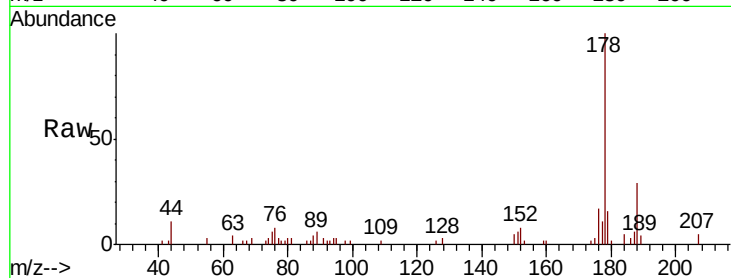




#71
 Anthracene
 Concen: 1.367 ng/ul
 RT: 17.26 min Scan# 2427
 Delta R.T. 0.01 min
 Lab File: BM020483.D
 Acq: 22 May 2019 05:18

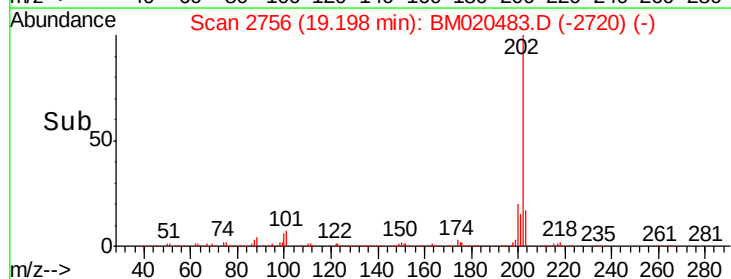
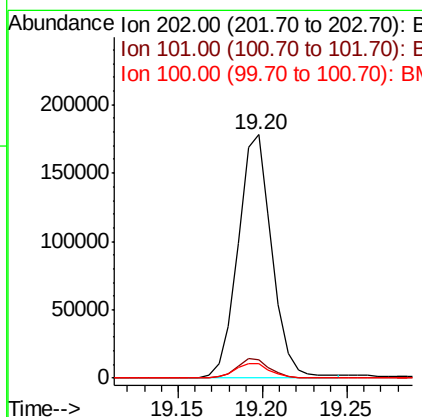
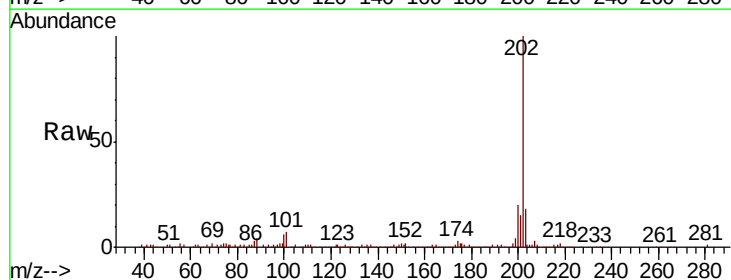
Instrument :
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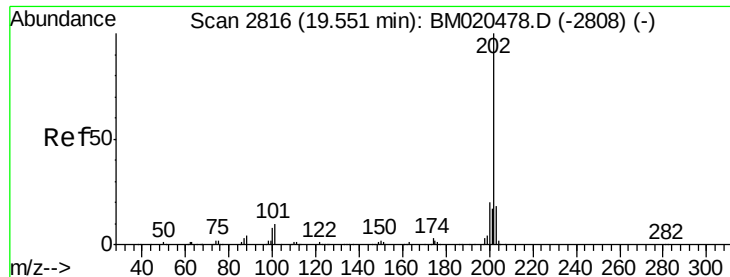
Tgt Ion:178 Resp: 25595
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.4 18.6
 176 16.8 14.4 21.6



#76
 Fluoranthene
 Concen: 10.630 ng/ul
 RT: 19.20 min Scan# 2756
 Delta R.T. 0.01 min
 Lab File: BM020483.D
 Acq: 22 May 2019 05:18

Tgt Ion:202 Resp: 247079
 Ion Ratio Lower Upper
 202 100
 101 7.3 6.4 9.6
 100 6.1 5.2 7.8





#79

Pyrene

Concen: 9.683 ng/ul

RT: 19.56 min Scan# 2818

Delta R.T. 0.01 min

Lab File: BM020483.D

Acq: 22 May 2019 05:18

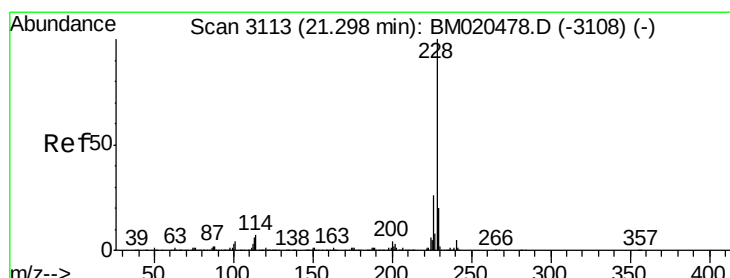
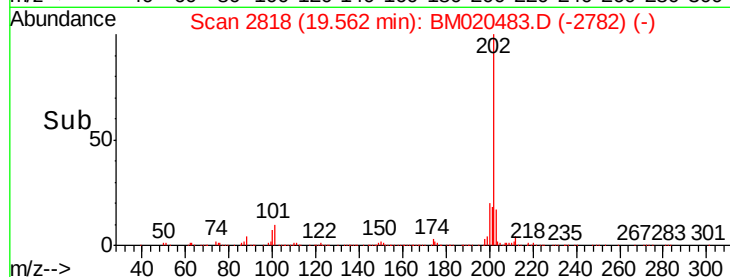
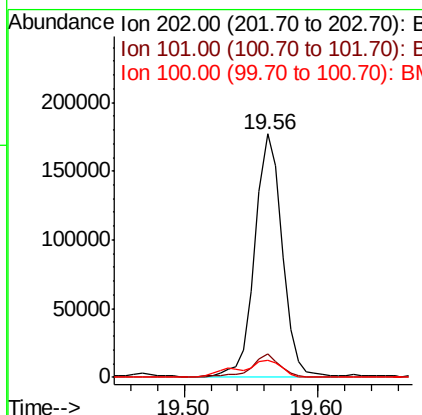
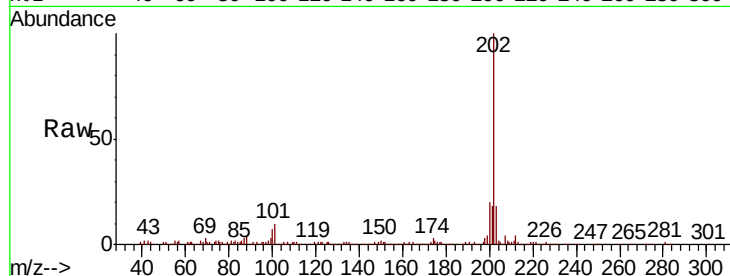
Instrument :

BNA_M

ClientSampleId :

A4256

Tgt Ion:	202	Resp:	249153
Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.1	10.7
100	7.2	5.9	8.9



#82

Benzo(a)anthracene

Concen: 5.925 ng/ul

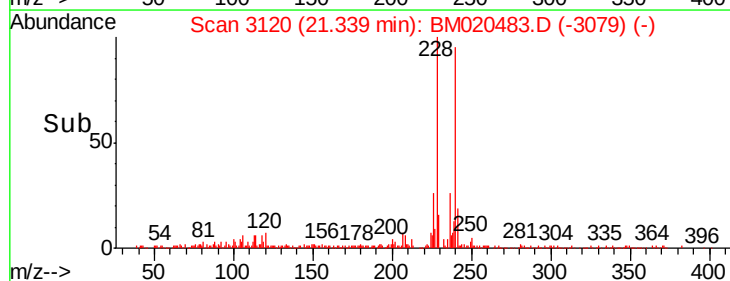
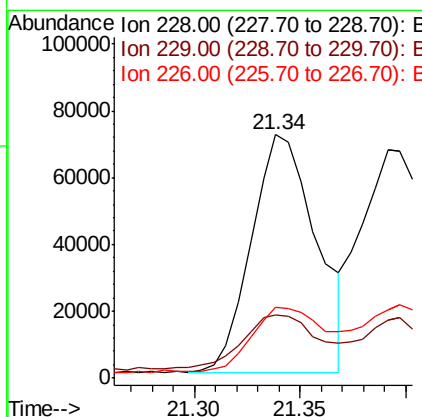
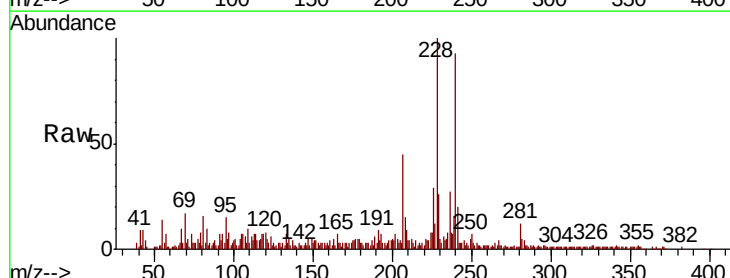
RT: 21.34 min Scan# 3120

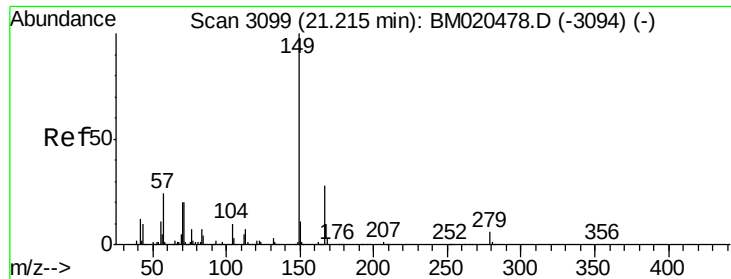
Delta R.T. 0.04 min

Lab File: BM020483.D

Acq: 22 May 2019 05:18

Tgt Ion:	228	Resp:	152869
Ion	Ratio	Lower	Upper
228	100		
229	25.7	15.8	23.8#
226	29.0	20.6	30.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.042 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.03 min

Lab File: BM020483.D

Acq: 22 May 2019 05:18

Instrument :

BNA_M

ClientSampled :

A4256

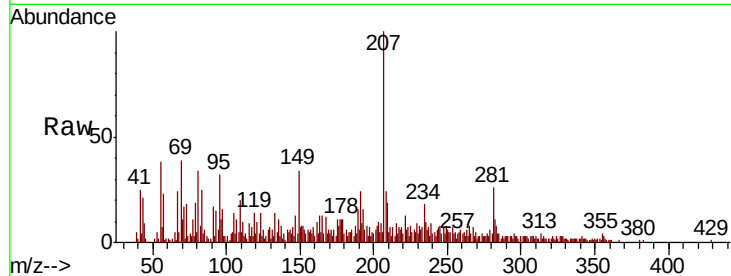
Tgt Ion:149 Resp: 12205

Ion Ratio Lower Upper

149 100

167 36.4 22.5 33.7#

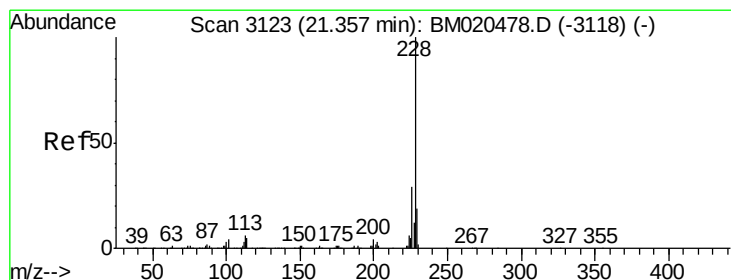
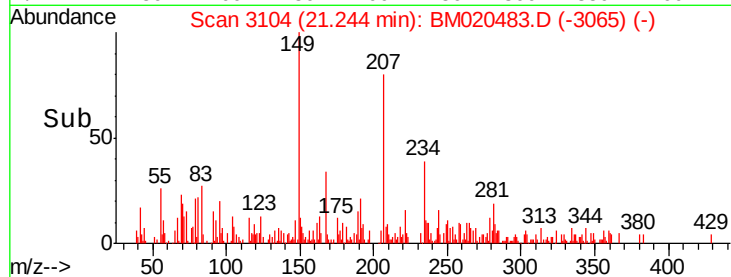
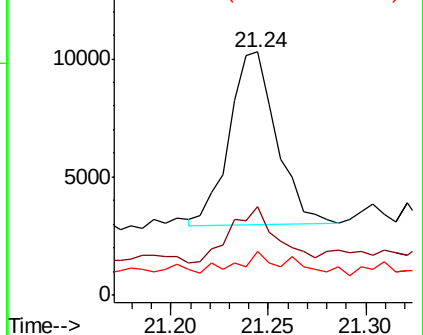
279 17.9 4.2 6.2#



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: 5.858 ng/ul

RT: 21.39 min Scan# 3129

Delta R.T. 0.03 min

Lab File: BM020483.D

Acq: 22 May 2019 05:18

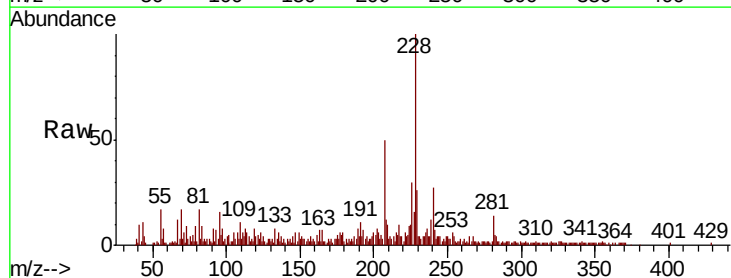
Tgt Ion:228 Resp: 144457

Ion Ratio Lower Upper

228 100

226 30.0 22.2 33.4

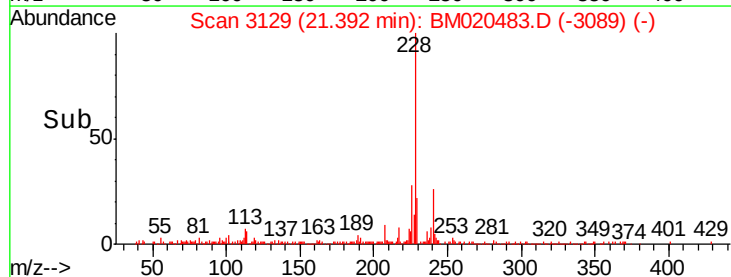
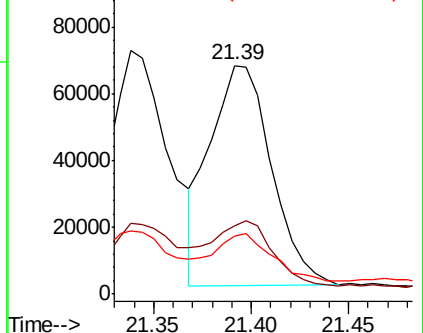
229 25.6 15.4 23.2#

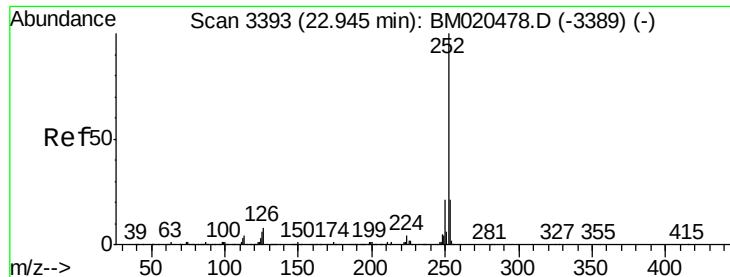


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(k)fluoranthene

Concen: 8.245 ng/ul

RT: 23.10 min Scan# 3420

Delta R.T. 0.16 min

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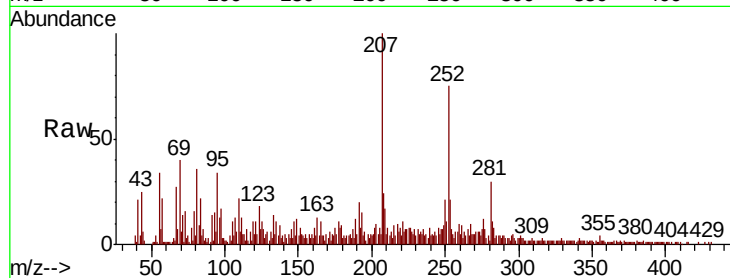
Tgt Ion:252 Resp: 297040

Ion Ratio Lower Upper

252 100

253 28.5 17.6 26.4#

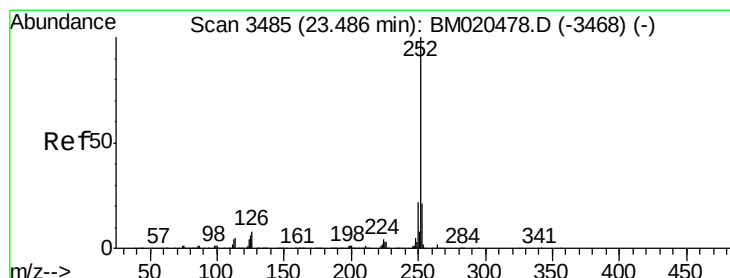
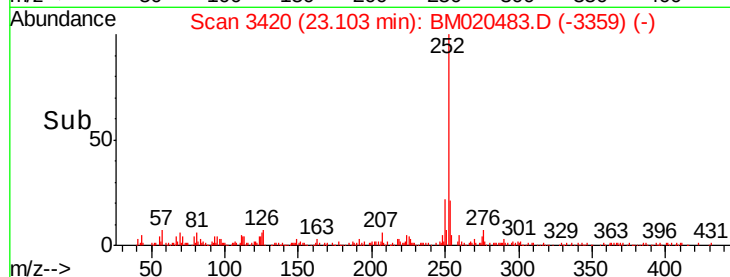
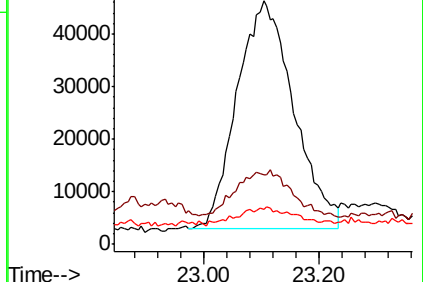
125 14.3 5.0 7.6#



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: 2.266 ng/ul

RT: 23.66 min Scan# 3515

Delta R.T. 0.18 min

Lab File: BM020483.D

Acq: 22 May 2019 05:18

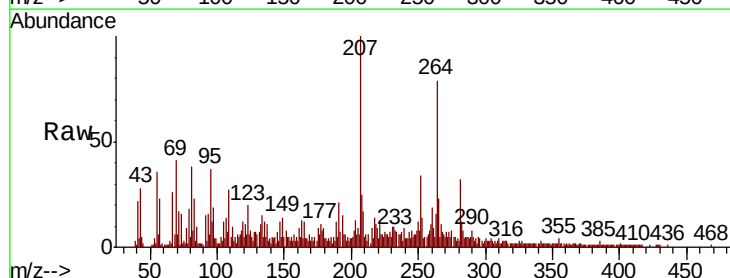
Tgt Ion:252 Resp: 78214

Ion Ratio Lower Upper

252 100

253 40.4 17.4 26.2#

125 23.6 5.4 8.2#



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

