

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
 Data File : BM021177.D
 Acq On : 26 Jun 2019 00:41
 Operator : HP/JU
 Sample : K3498-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AA7

Quant Time: Jun 26 01:39:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 26 01:32:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	221636	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1002188	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	695476	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1715511	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1619786	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1515877	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	15270	3.27	ng/uL	0.00
5) Phenol-d5	6.93	99	348686	18.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	219753	19.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	298597	19.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	287523	17.85	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	164763	20.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	191804	21.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	386757	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	449963	23.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1461658	23.26	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1612408	20.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	148755	14.55	ng/ul	0.00
57) Fluorene-d10	15.40	176	1290317	23.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	161396	15.30	ng/ul	0.00
70) Anthracene-d10	17.26	188	2102437	23.58	ng/ul	0.00
78) Pyrene-d10	19.55	212	2325998	23.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2013321	22.51	ng/ul	-0.01

Target Compounds

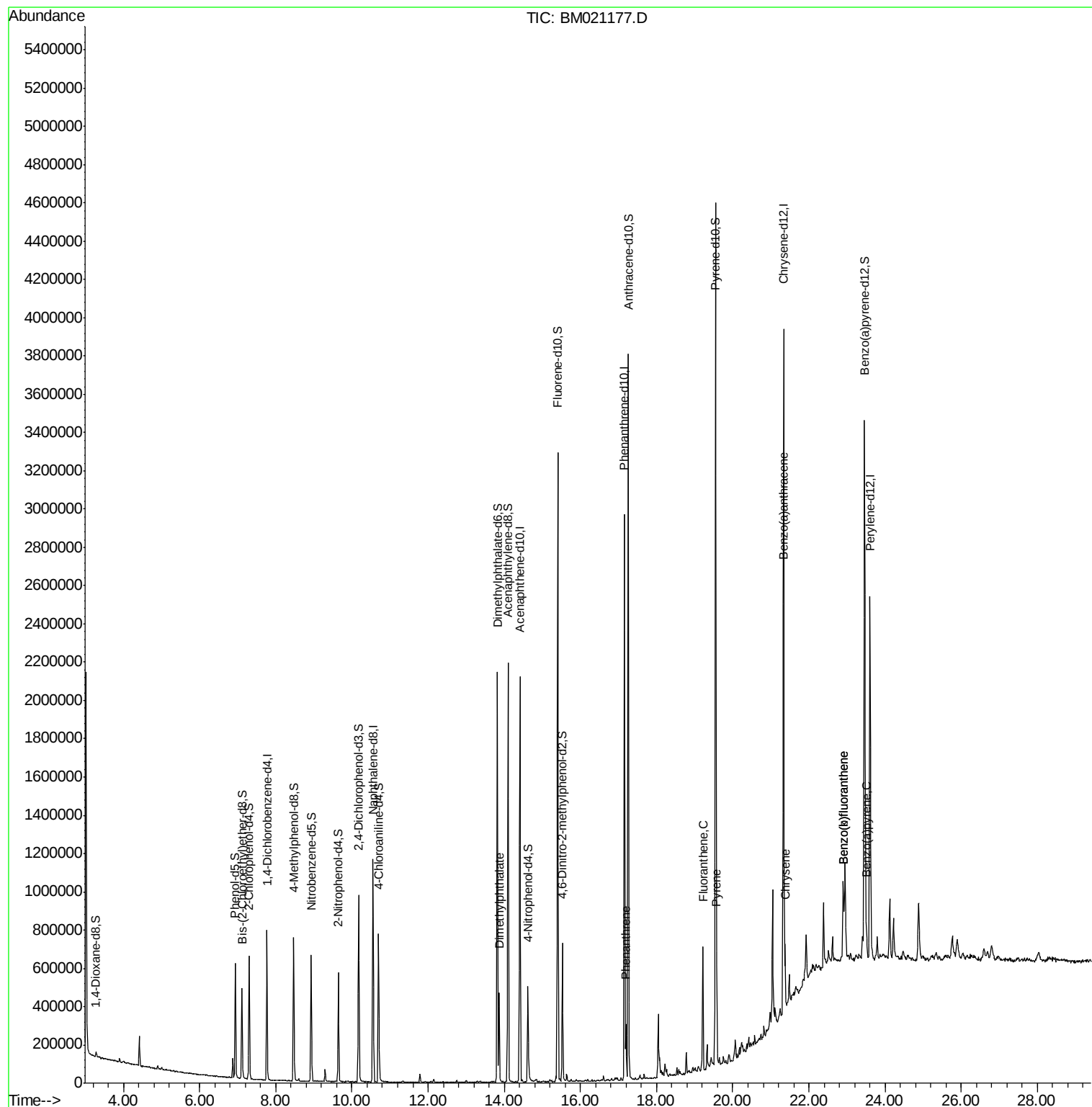
					Qvalue
44) Dimethylphthalate	13.87	163	293285	5.127 ng/ul	99
69) Phenanthrene	17.20	178	172458	1.818 ng/ul	98
76) Fluoranthene	19.22	202	390344	3.808 ng/ul	99
79) Pyrene	19.58	202	321377	2.806 ng/ul	99
82) Benzo(a)anthracene	21.32	228	174568	1.581 ng/ul	98
84) Chrysene	21.37	228	192503	1.861 ng/ul	98
87) Benzo(b)fluoranthene	22.92	252	231363	2.409 ng/ul	98
88) Benzo(k)fluoranthene	22.92	252	231363	2.505 ng/ul	98
90) Benzo(a)pyrene	23.51	252	130176	1.440 ng/ul#	97

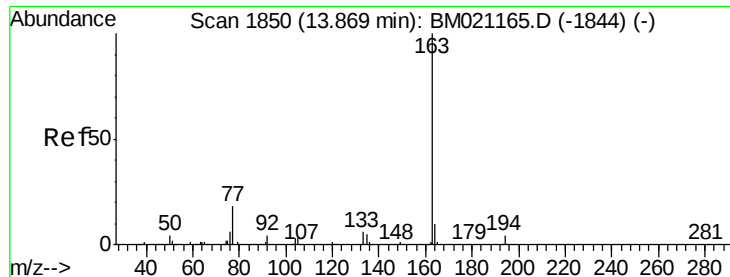
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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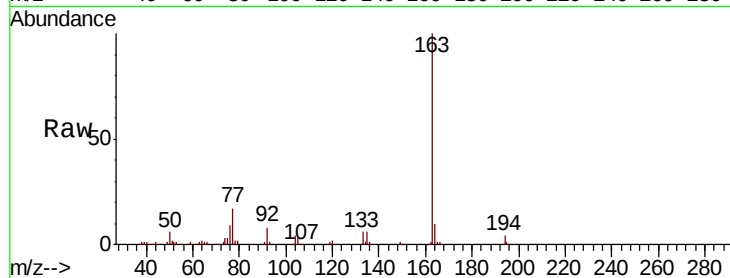




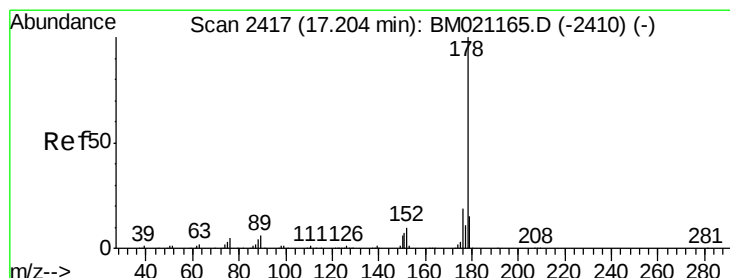
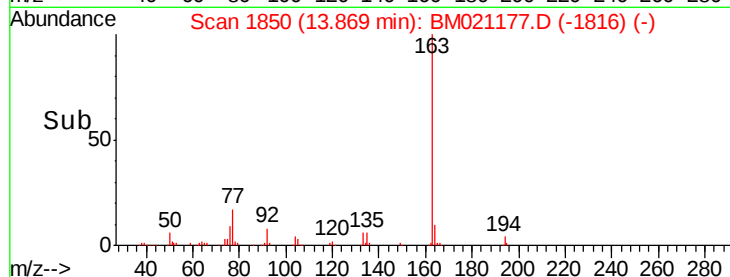
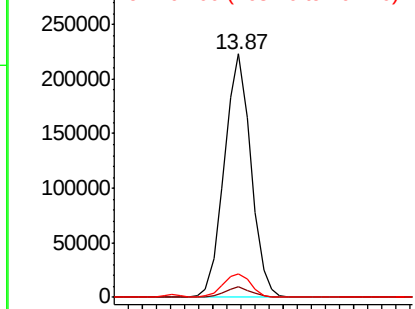
#44
Dimethylphthalate
Concen: 5.127 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BM021177.D
Acq: 26 Jun 2019 00:41

Instrument :
BNA_M
ClientSampleId :
C5AA7

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.9	7.7	11.5

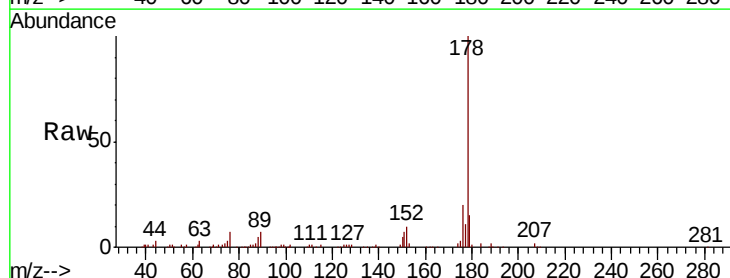


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

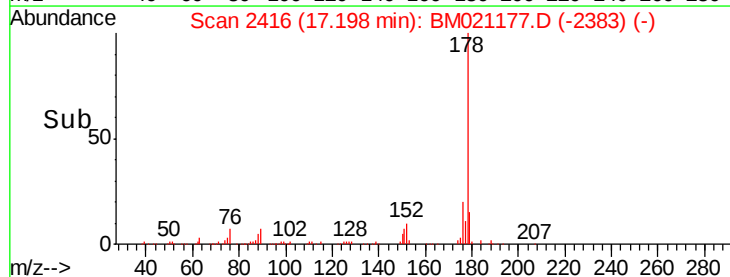
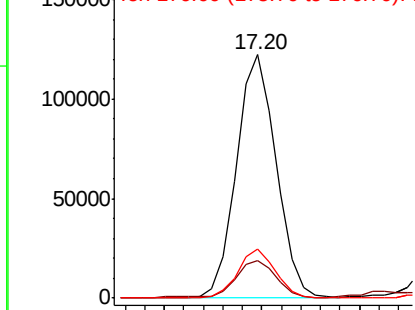


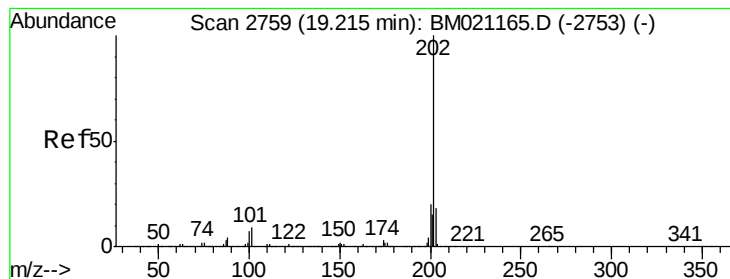
#69
Phenanthrene
Concen: 1.818 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM021177.D
Acq: 26 Jun 2019 00:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	20.1	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





#76

Fluoranthene

Concen: 3.808 ng/ul

RT: 19.22 min Scan# 2759

Delta R.T. -0.00 min

Lab File: BM021177.D

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Instrument :

BNA_M

ClientSampleId :

C5AA7

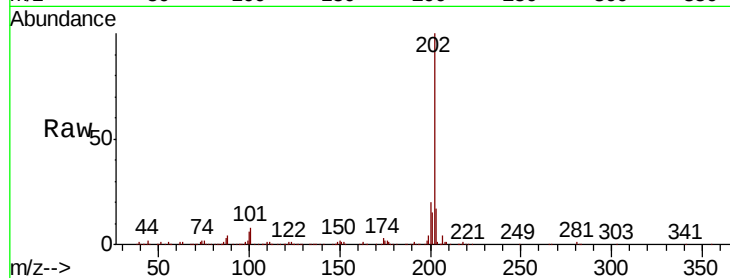
Tgt Ion:202 Resp: 390344

Ion Ratio Lower Upper

202 100

101 8.4 6.7 10.1

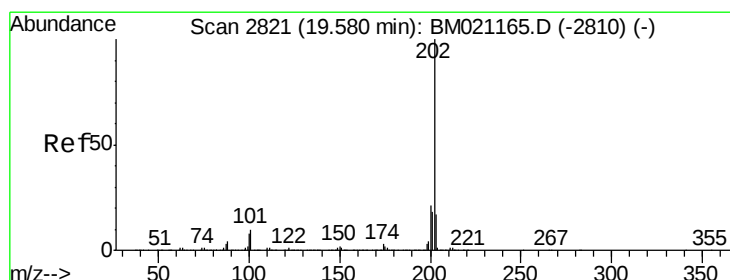
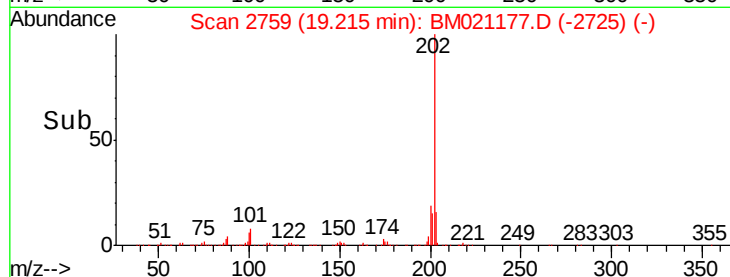
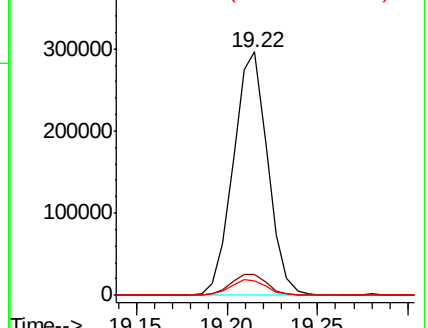
100 6.2 5.5 8.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 2.806 ng/ul

RT: 19.58 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BM021177.D

Acq: 26 Jun 2019 00:41

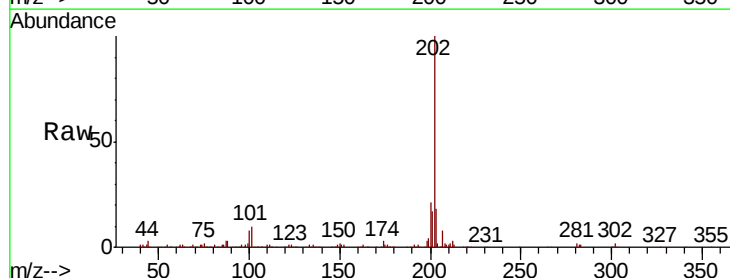
Tgt Ion:202 Resp: 321377

Ion Ratio Lower Upper

202 100

101 9.8 8.1 12.1

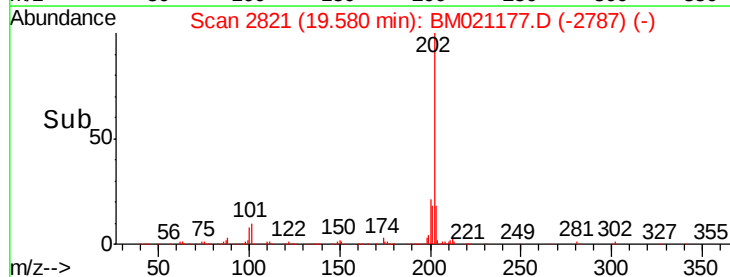
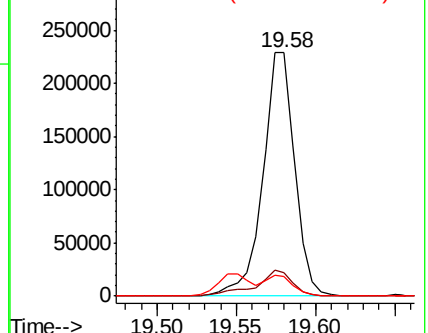
100 8.0 6.6 10.0

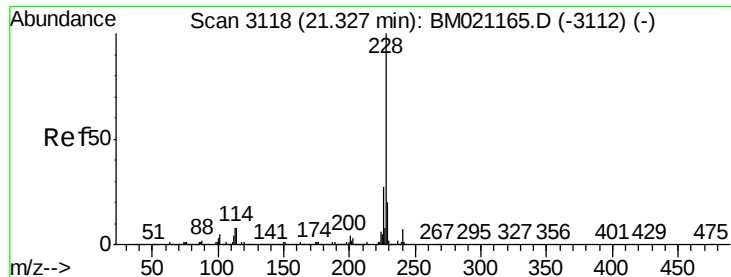


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.581 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021177.D

Acq: 26 Jun 2019 00:41

Instrument :

BNA_M

ClientSampleId :

C5AA7

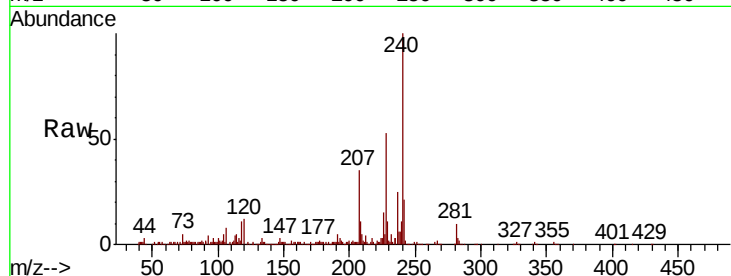
Tgt Ion:228 Resp: 174568

Ion Ratio Lower Upper

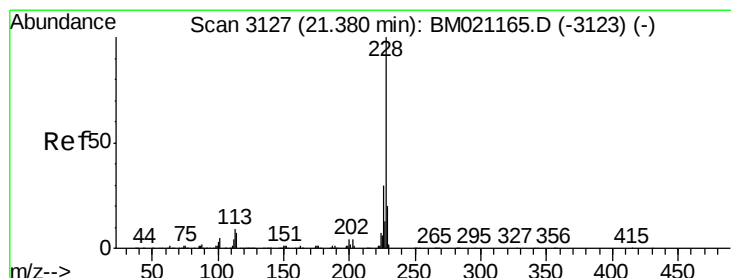
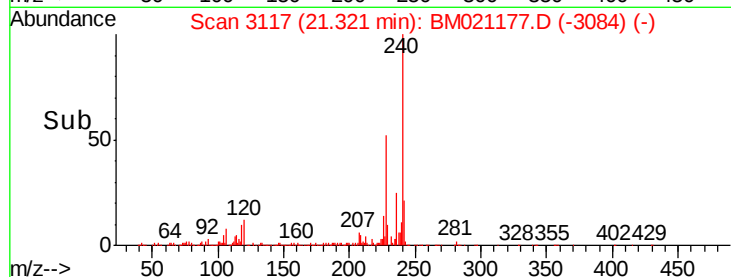
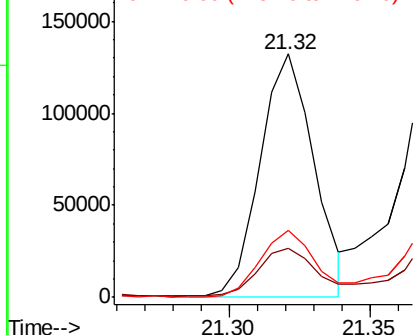
228 100

229 20.4 15.8 23.8

226 27.8 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



#84

Chrysene

Concen: 1.861 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM021177.D

Acq: 26 Jun 2019 00:41

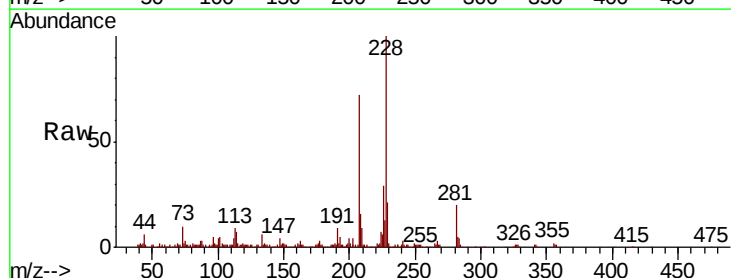
Tgt Ion:228 Resp: 192503

Ion Ratio Lower Upper

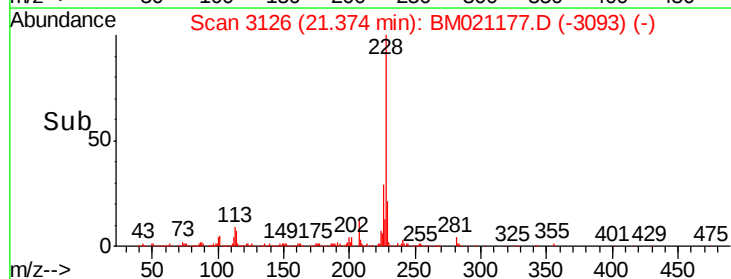
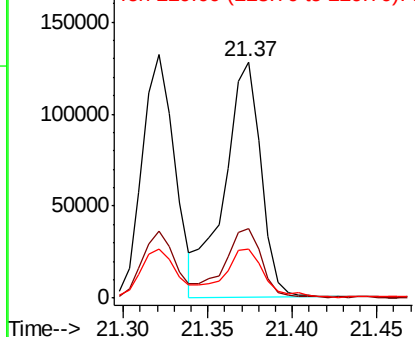
228 100

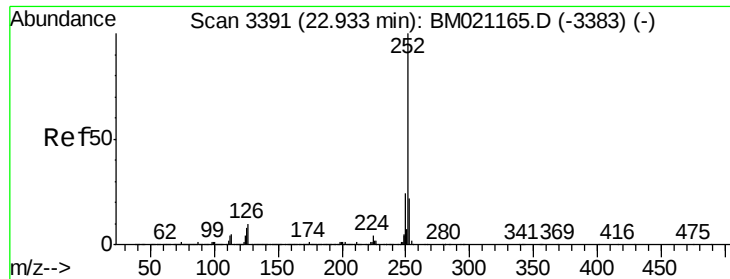
226 29.2 23.9 35.9

229 20.9 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: 2.409 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021177.D

Acq: 26 Jun 2019 00:41

Instrument :

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ClientSampleId :

C5AA7

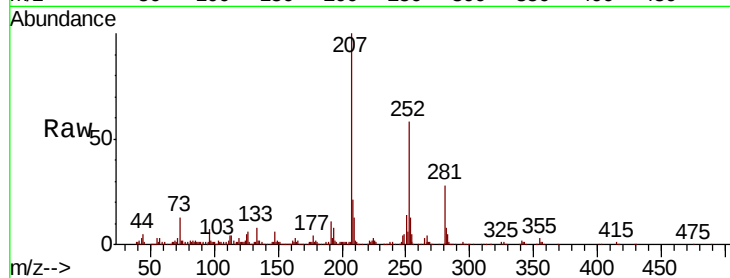
Tgt Ion:252 Resp: 231363

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

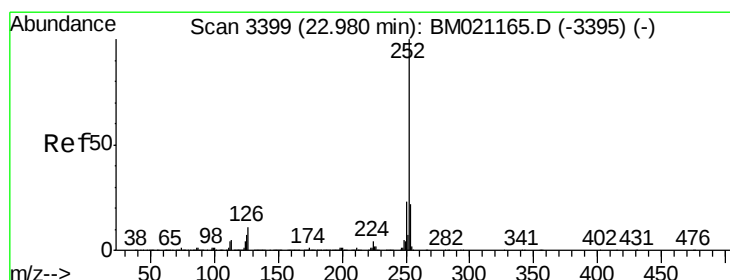
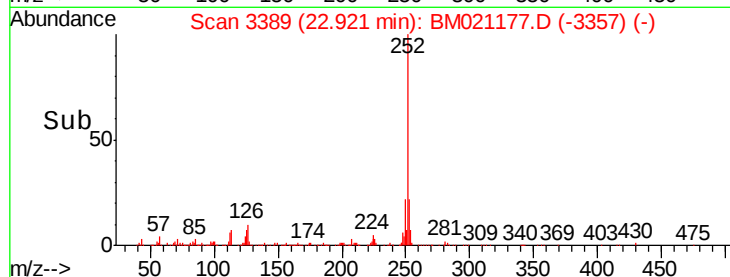
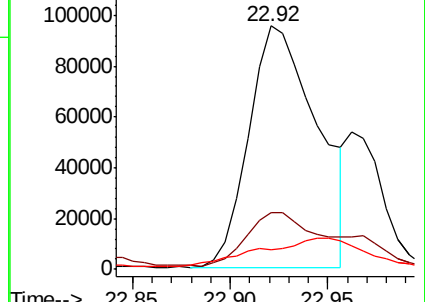
125 8.3 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.505 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.06 min

Lab File: BM021177.D

Acq: 26 Jun 2019 00:41

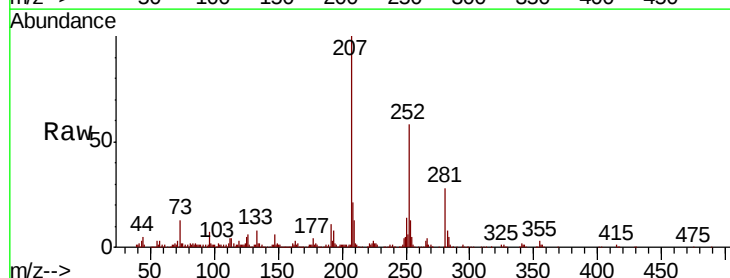
Tgt Ion:252 Resp: 231363

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

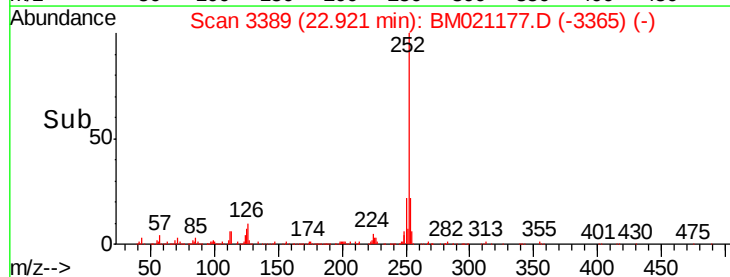
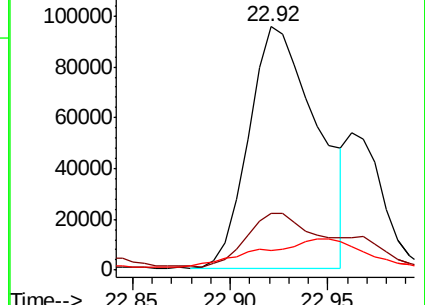
125 8.3 6.6 9.8

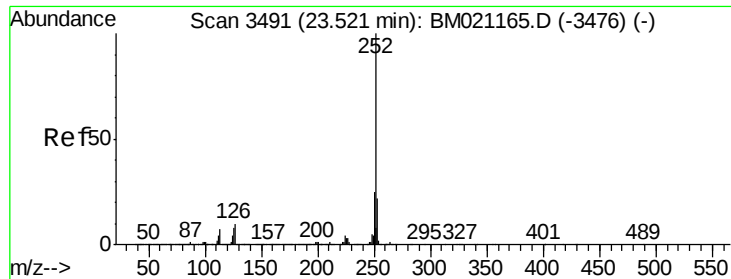


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.440 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021177.D

Acq: 26 Jun 2019 00:41

Instrument :

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Tgt Ion: 252 Resp: 130176

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 11.4 7.2 10.8#

