

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
 Data File : BM021179.D
 Acq On : 26 Jun 2019 01:53
 Operator : HP/JU
 Sample : K3498-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AA9

Quant Time: Jun 26 03:48:49 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	231004	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1043034	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	714861	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1800192	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1723594	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1611475	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	15509	3.19	ng/uL	0.00
5) Phenol-d5	6.93	99	360064	17.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	224418	18.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	304683	18.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	287439	17.13	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	169853	20.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	195931	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	388368	20.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	465814	23.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1471452	22.78	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1630615	20.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	144542	13.76	ng/ul	0.00
57) Fluorene-d10	15.40	176	1284201	22.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	153234	13.85	ng/ul	0.00
70) Anthracene-d10	17.26	188	2128678	22.75	ng/ul	0.00
78) Pyrene-d10	19.55	212	2396775	23.17	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2110530	22.20	ng/ul	-0.01

Target Compounds

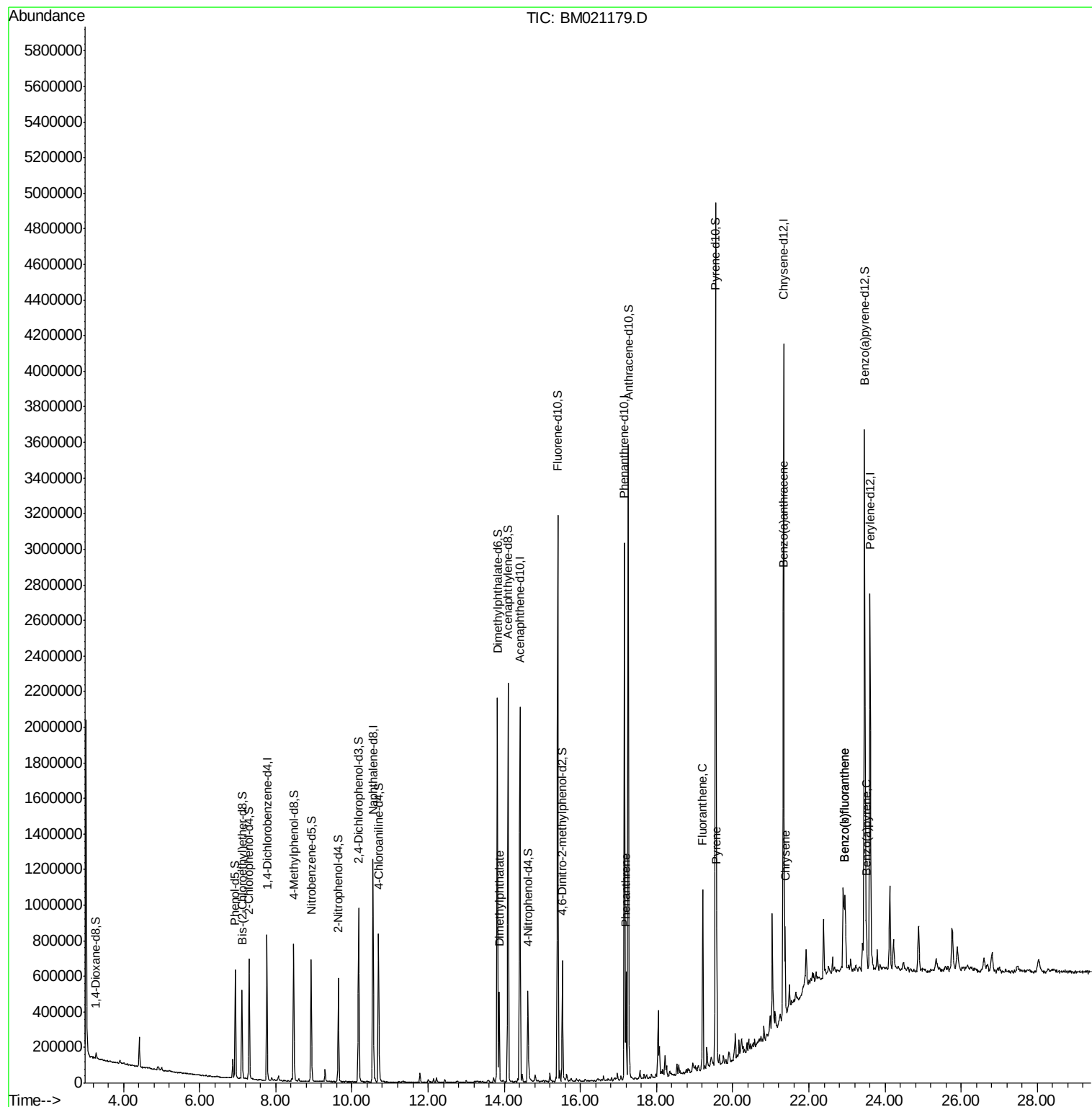
					Qvalue
44) Dimethylphthalate	13.87	163	331551	5.639	ng/ul 99
69) Phenanthrene	17.20	178	348218	3.498	ng/ul 98
76) Fluoranthene	19.21	202	609616	5.667	ng/ul 98
79) Pyrene	19.57	202	505540	4.149	ng/ul 98
82) Benzo(a)anthracene	21.32	228	275814	2.347	ng/ul 99
84) Chrysene	21.37	228	270181	2.455	ng/ul 97
87) Benzo(b)fluoranthene	22.92	252	292878	2.869	ng/ul 97
88) Benzo(k)fluoranthene	22.92	252	292878	2.982	ng/ul 97
90) Benzo(a)pyrene	23.51	252	189958	1.977	ng/ul 98

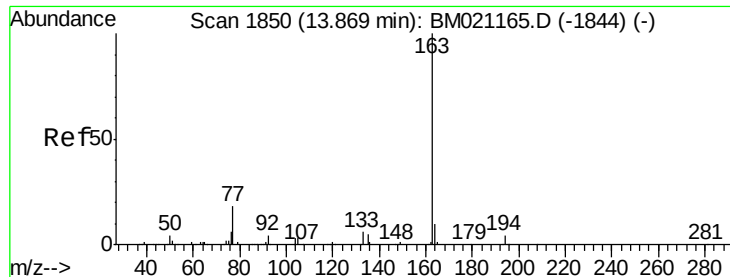
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 5.639 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM021179.D

Acq: 26 Jun 2019 01:53

Instrument :

BNA_M

ClientSampleId :

C5AA9

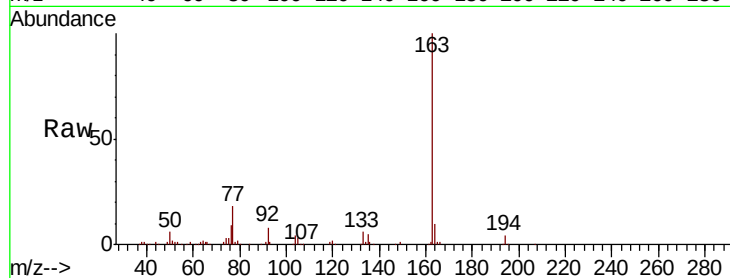
Tgt Ion:163 Resp: 331551

Ion Ratio Lower Upper

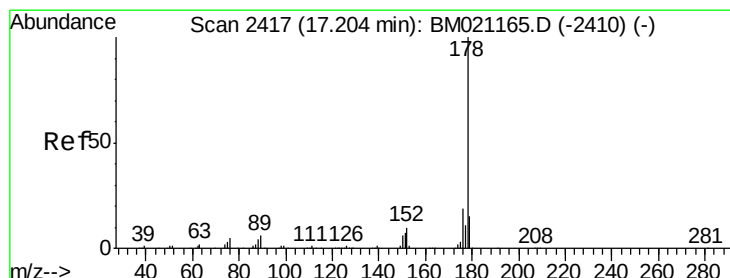
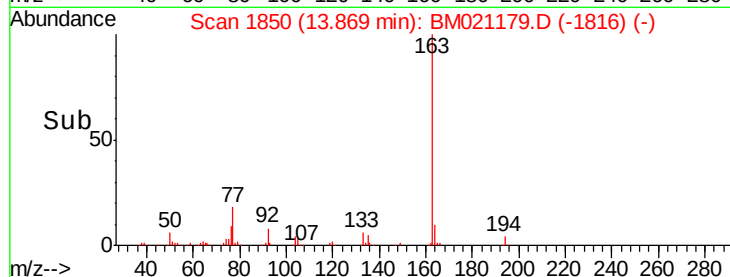
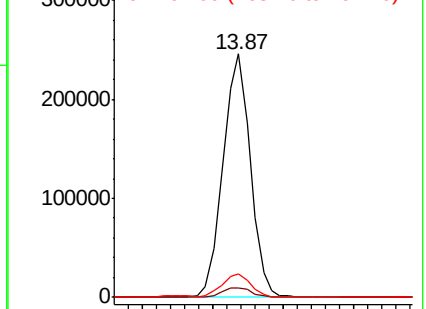
163 100

194 4.0 3.4 5.2

164 9.7 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: 3.498 ng/ul

RT: 17.20 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BM021179.D

Acq: 26 Jun 2019 01:53

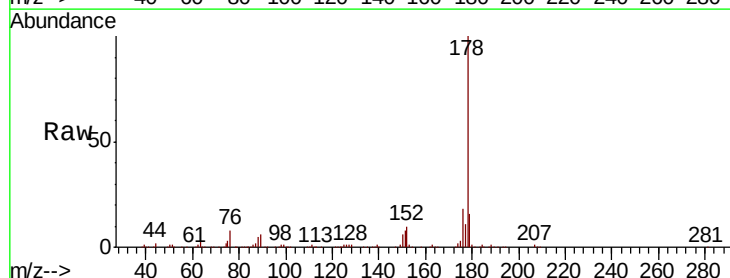
Tgt Ion:178 Resp: 348218

Ion Ratio Lower Upper

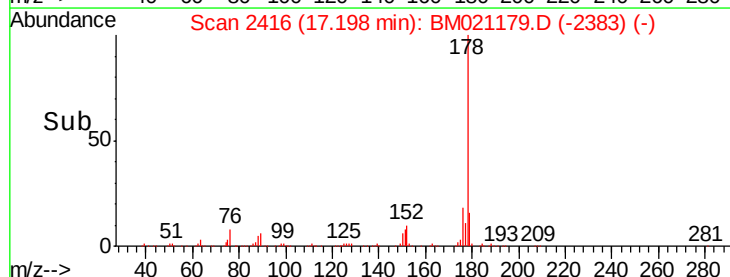
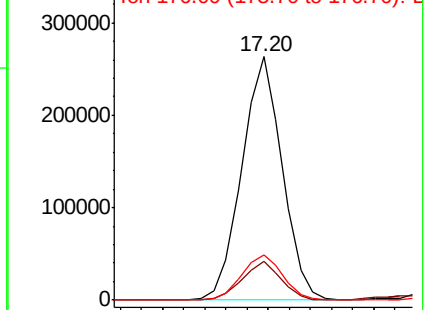
178 100

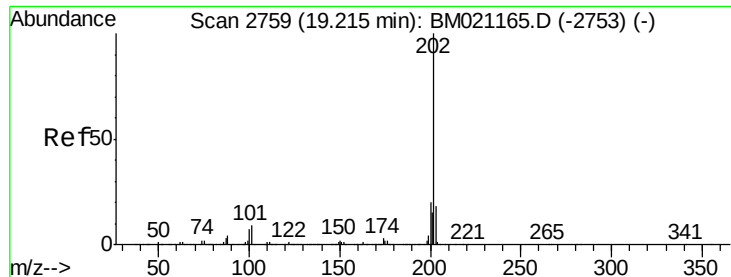
179 16.0 11.8 17.8

176 18.3 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: 5.667 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BM021179.D

Acq: 26 Jun 2019 01:53

Instrument :

BNA_M

ClientSampleId :

C5AA9

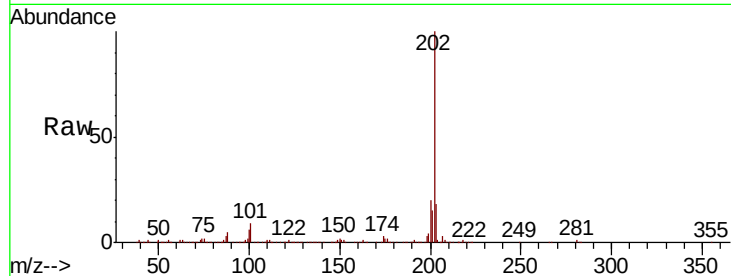
Tgt Ion:202 Resp: 609616

Ion Ratio Lower Upper

202 100

101 8.9 6.7 10.1

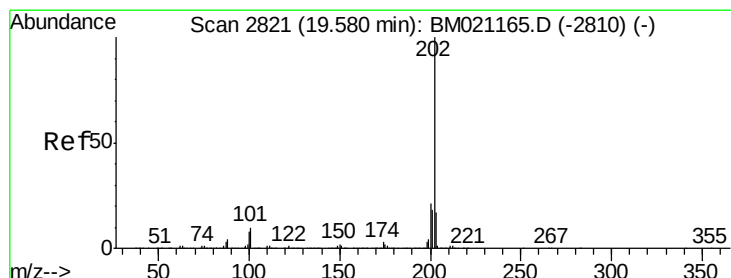
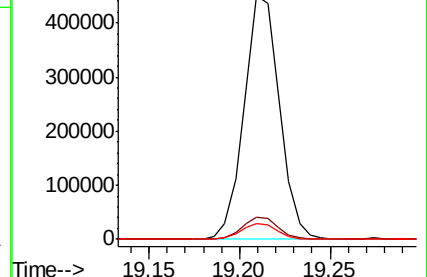
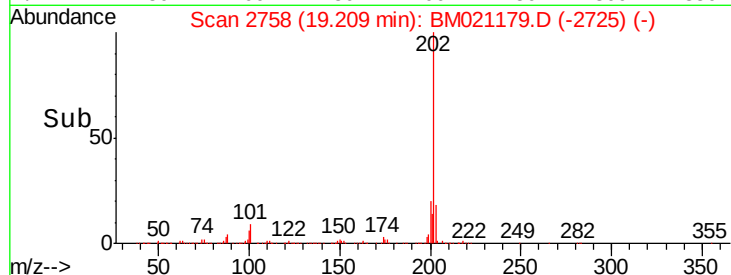
100 6.3 5.5 8.3



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: 4.149 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM021179.D

Acq: 26 Jun 2019 01:53

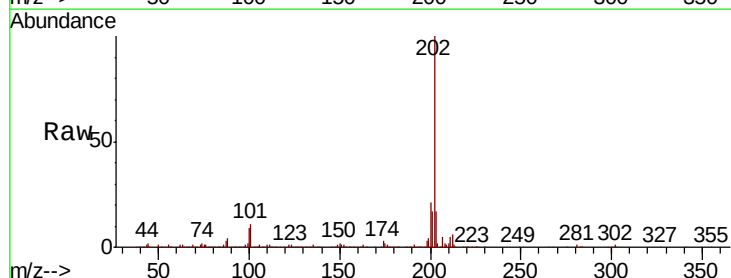
Tgt Ion:202 Resp: 505540

Ion Ratio Lower Upper

202 100

101 10.6 8.1 12.1

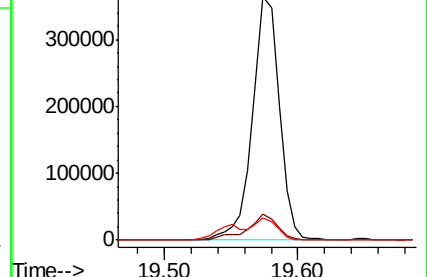
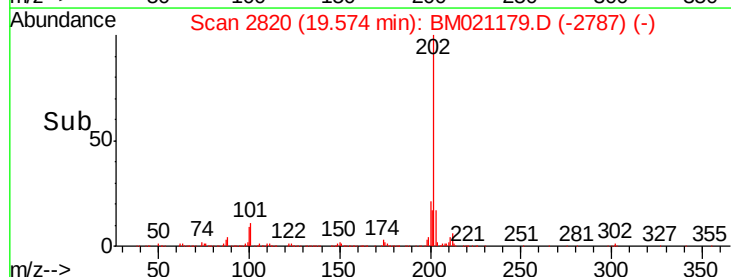
100 8.9 6.6 10.0

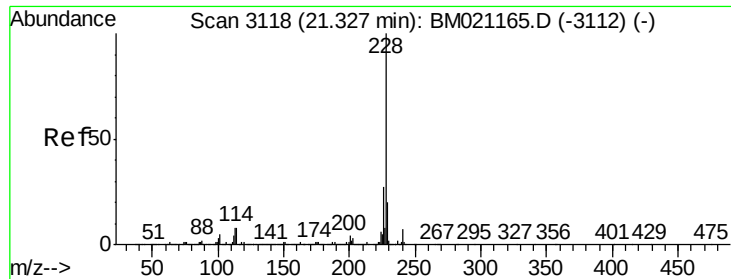


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 2.347 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021179.D

Acq: 26 Jun 2019 01:53

Instrument :

BNA_M

ClientSampled :

C5AA9

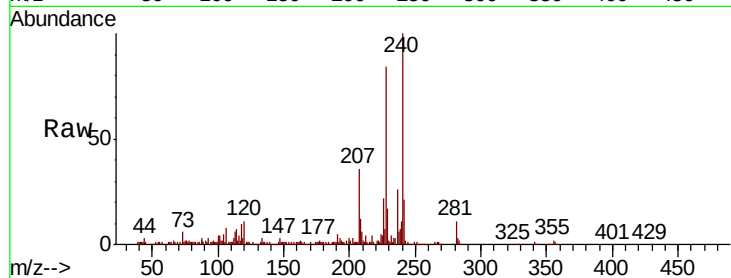
Tgt Ion:228 Resp: 275814

Ion Ratio Lower Upper

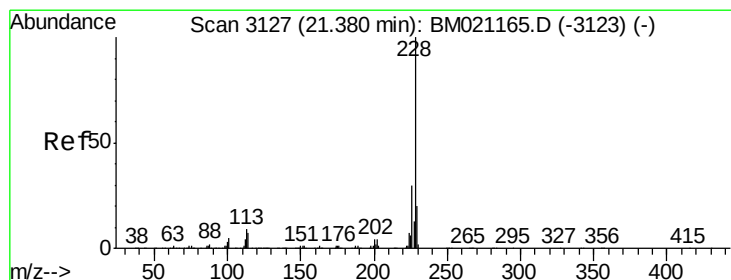
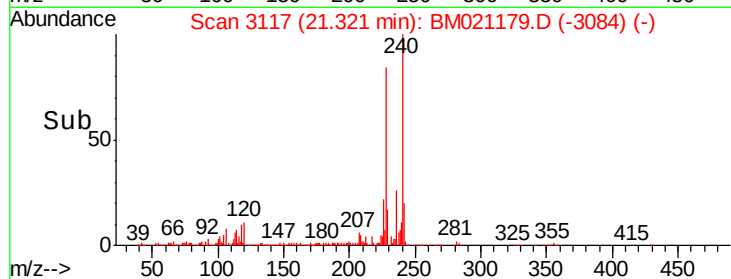
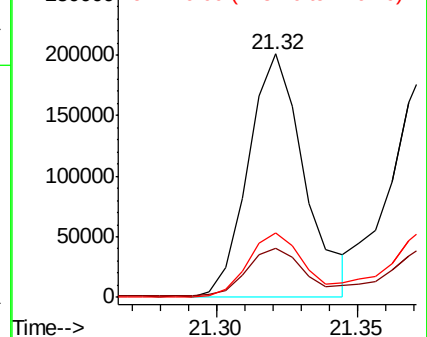
228 100

229 20.3 15.8 23.8

226 26.5 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: 2.455 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM021179.D

Acq: 26 Jun 2019 01:53

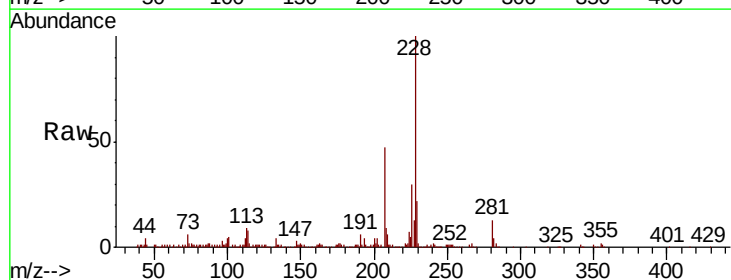
Tgt Ion:228 Resp: 270181

Ion Ratio Lower Upper

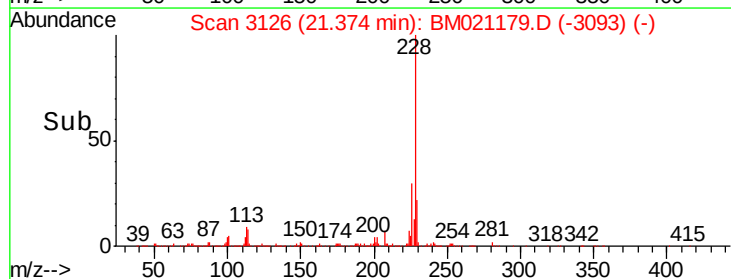
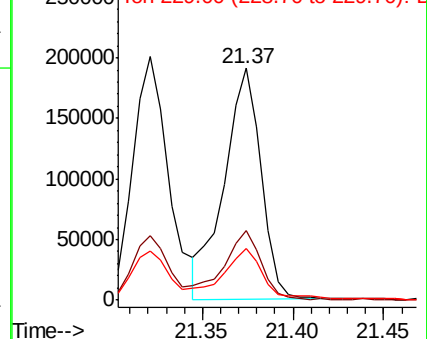
228 100

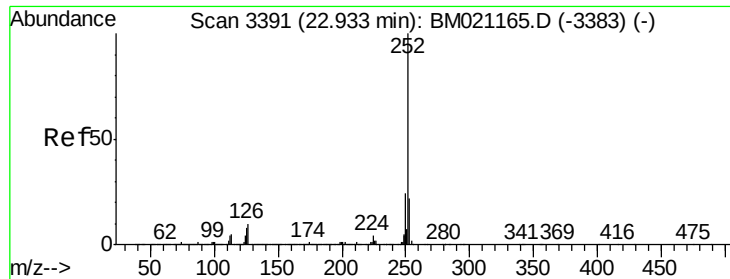
226 30.1 23.9 35.9

229 22.3 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: 2.869 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021179.D

Acq: 26 Jun 2019 01:53

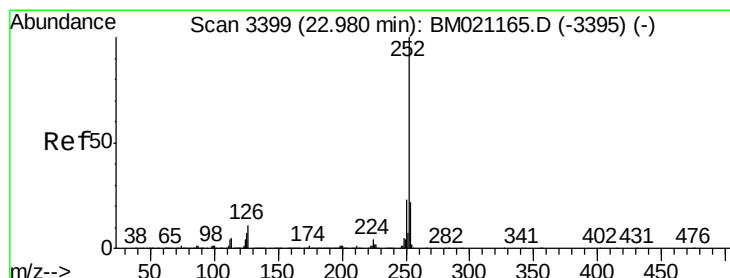
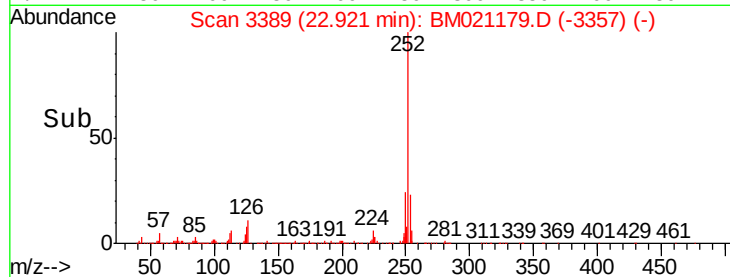
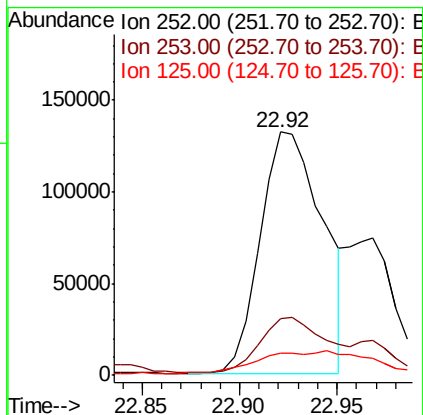
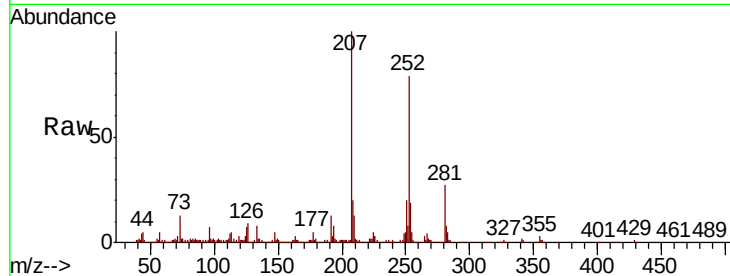
Instrument :

BNA_M

ClientSampleId :

C5AA9

Tgt Ion:	252	Resp:	292878
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	9.1	6.3	9.5



#88

Benzo(k)fluoranthene

Concen: 2.982 ng/ul

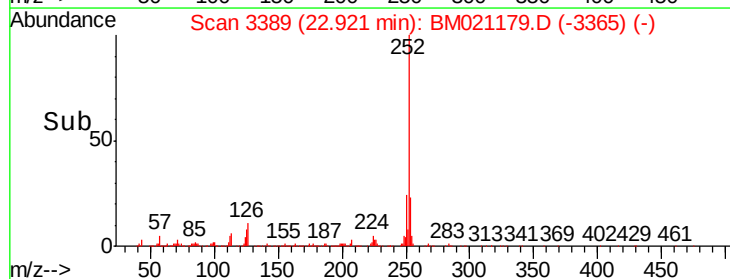
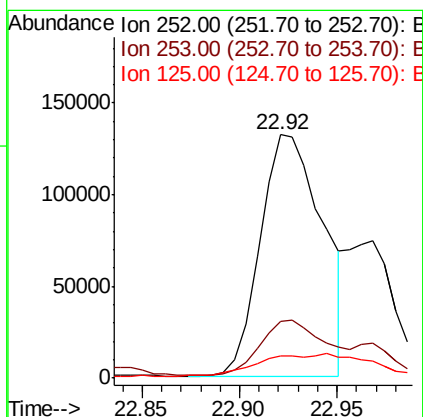
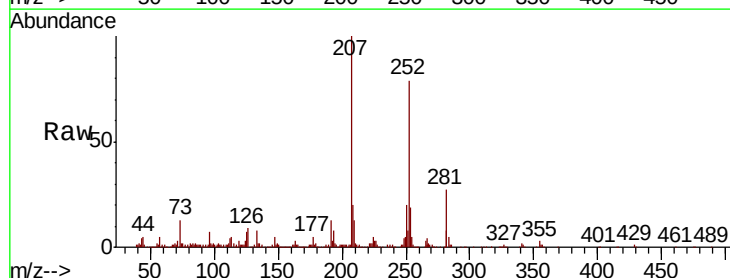
RT: 22.92 min Scan# 3389

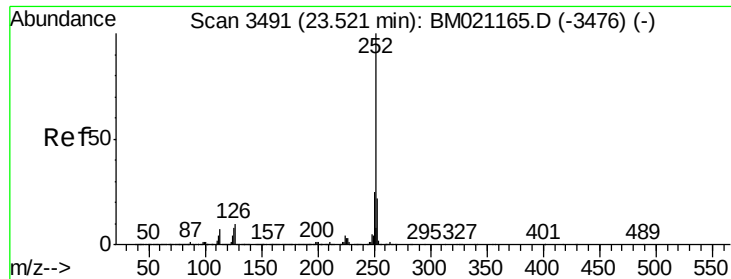
Delta R.T. -0.06 min

Lab File: BM021179.D

Acq: 26 Jun 2019 01:53

Tgt Ion:	252	Resp:	292878
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	9.1	6.6	9.8





#90

Benzo(a)pyrene

Concen: 1.977 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021179.D

Acq: 26 Jun 2019 01:53

Instrument :

BNA_M

ClientSampleId :

C5AA9

Tgt Ion:252 Resp: 189958

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

125 9.4 7.2 10.8

