

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019728.D
 Acq On : 03 Apr 2019 13:52
 Operator : JU/SJ
 Sample : K2168-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF659

Quant Time: Apr 04 01:49:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 04 01:45:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	170415	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.35	136	794427	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	462603	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.99	188	987922	20.00	ng/ul	-0.01
78) Chrysene-d12	21.20	240	810906	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	718326	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	27895	6.41	ng/uL	0.00
5) Phenol-d5	6.75	99	300746	19.82	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	200224	19.71	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	239066	20.79	ng/ul	-0.01
13) 4-Methylphenol-d8	8.28	113	229269	20.13	ng/ul	-0.01
19) Nitrobenzene-d5	8.74	128	117317	20.70	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.45	143	137102	21.74	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.98	165	232434	19.53	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.51	131	283940	19.87	ng/ul	-0.01
44) Dimethylphthalate-d6	13.65	166	828746	22.20	ng/ul	-0.02
47) Acenaphthylene-d8	13.92	160	962867	20.63	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.49	143	91148	15.58	ng/ul	0.00
58) Fluorene-d10	15.23	176	688189	21.40	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.38	200	90049	13.78	ng/ul	0.00
71) Anthracene-d10	17.09	188	1007281	21.25	ng/ul	-0.01
79) Pyrene-d10	19.40	212	963592	25.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	697360	18.31	ng/ul	0.00

Target Compounds

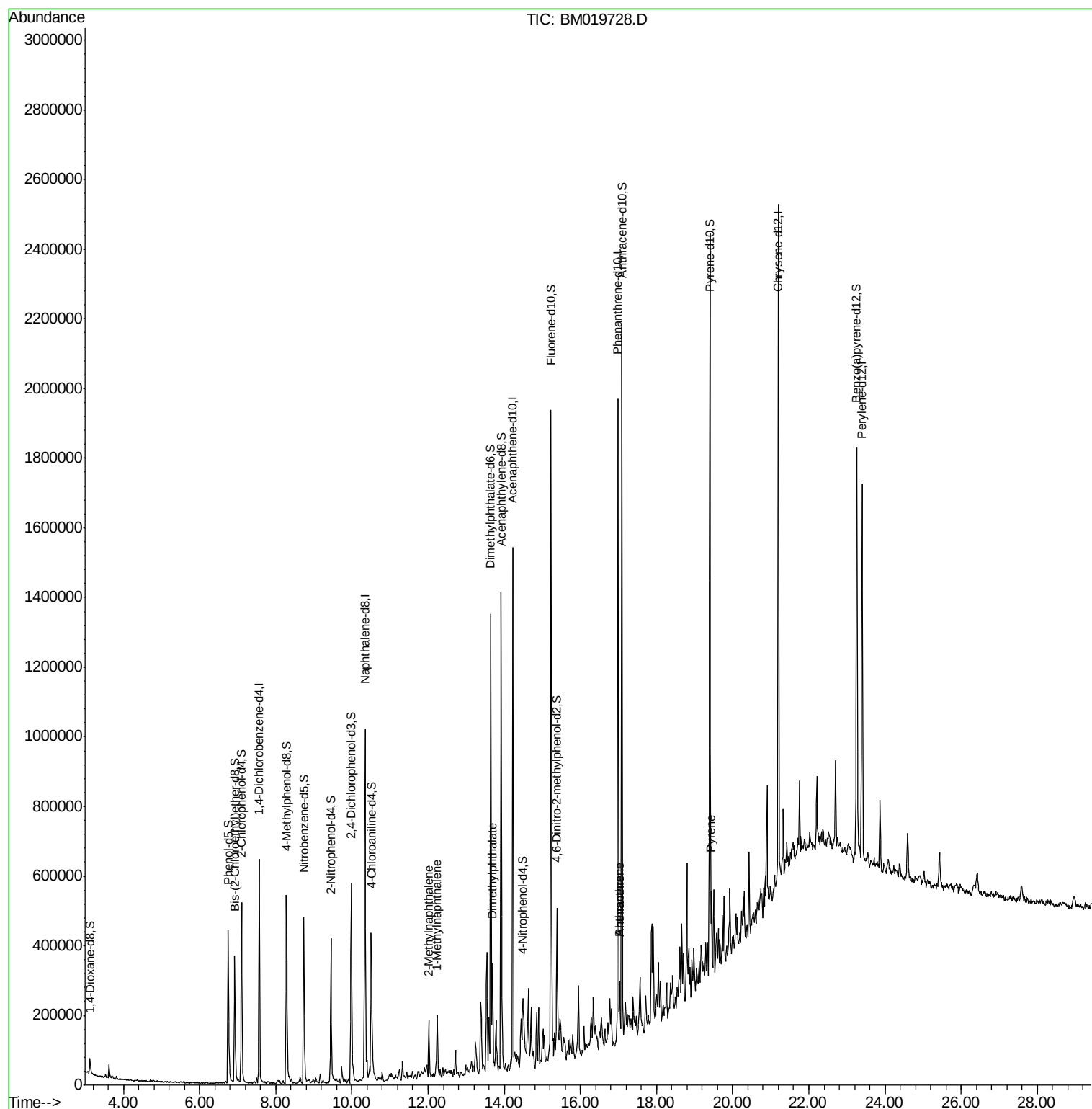
					Qvalue	
34) 2-Methylnaphthalene	12.02	142	81764	2.835	ng/ul	96
35) 1-Methylnaphthalene	12.24	142	78996	2.901	ng/ul#	95
45) Dimethylphthalate	13.69	163	176467	4.712	ng/ul#	97
70) Phenanthrene	17.03	178	83744	1.495	ng/ul	99
72) Anthracene	17.03	178	83744	1.465	ng/ul	100
80) Pyrene	19.43	202	52411	1.074	ng/ul#	72

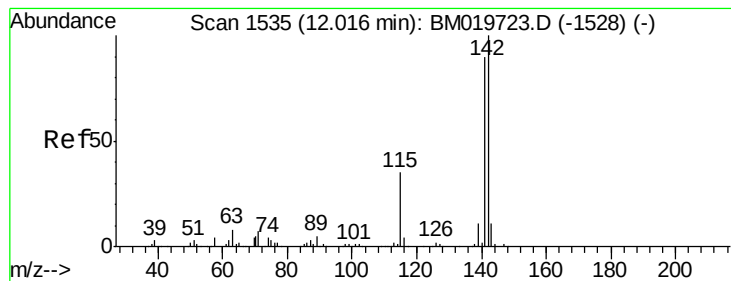
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

2-Methylnaphthalene

Concen: 2.835 ng/ul

RT: 12.02 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BM019728.D

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Instrument :

BNA_M

ClientSampleId :

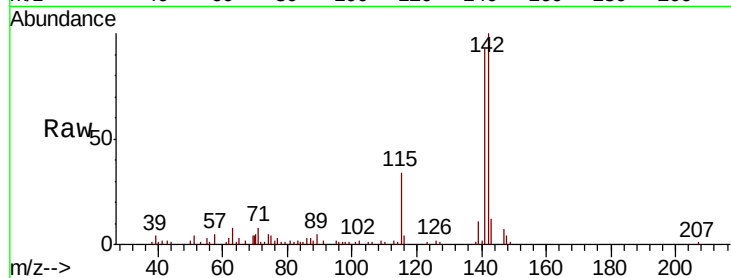
BF659

Tgt Ion:142 Resp: 81764

Ion Ratio Lower Upper

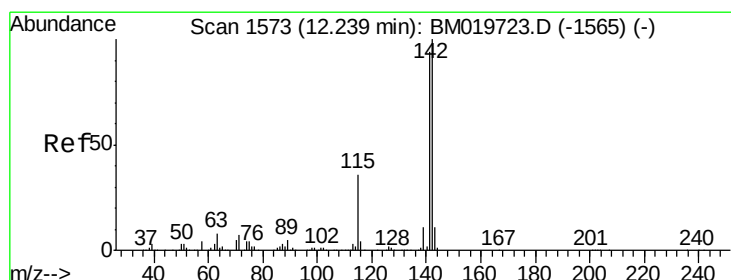
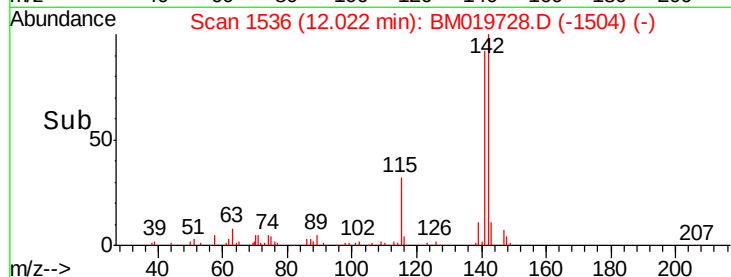
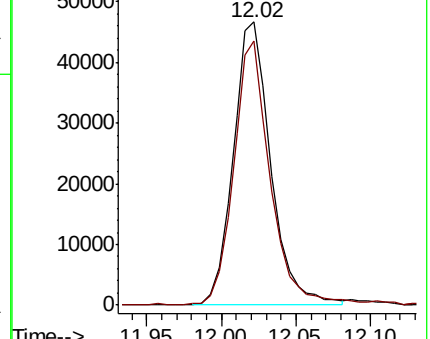
142 100

141 93.3 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 2.901 ng/ul

RT: 12.24 min Scan# 1573

Delta R.T. -0.02 min

Lab File: BM019728.D

Acq: 03 Apr 2019 13:52

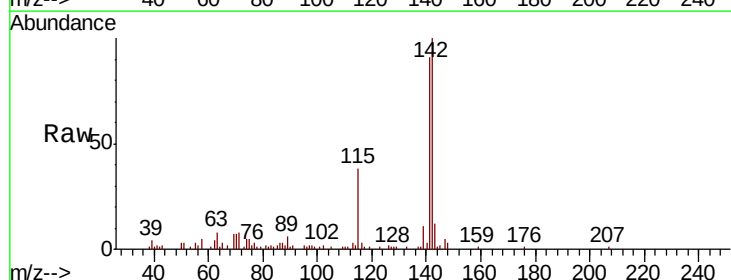
Tgt Ion:142 Resp: 78996

Ion Ratio Lower Upper

142 100

141 91.3 76.6 115.0

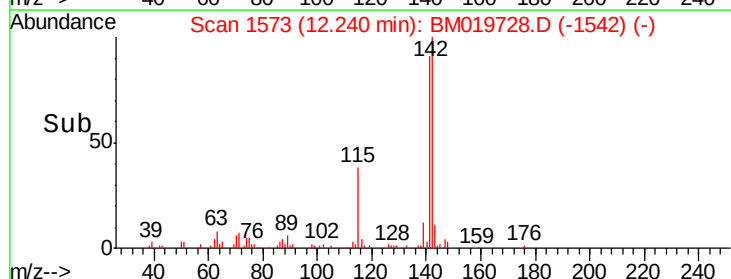
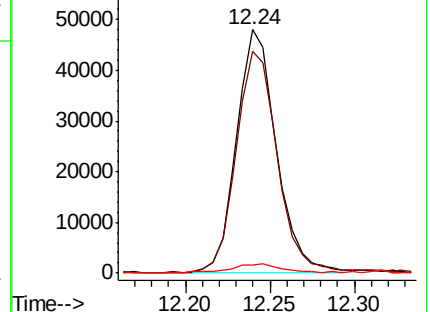
116 3.4 3.6 5.4#

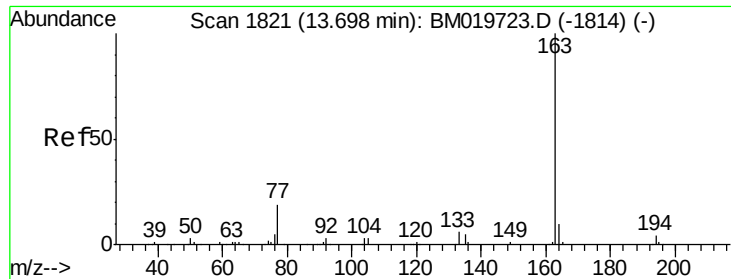


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

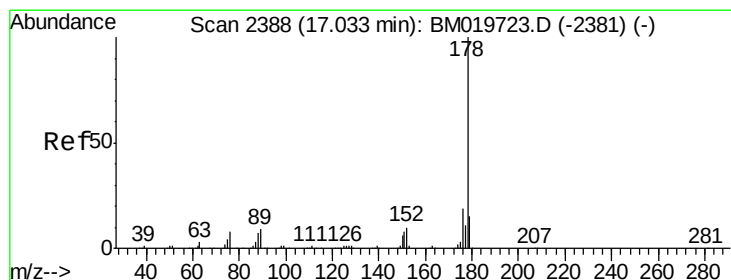
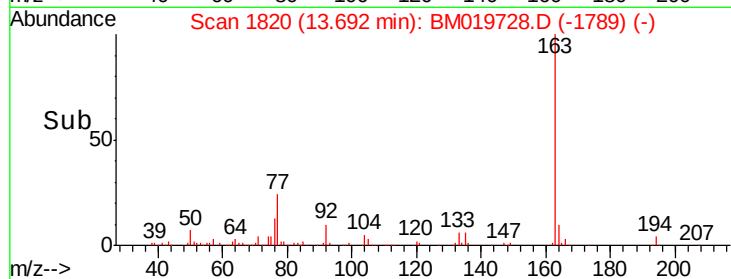
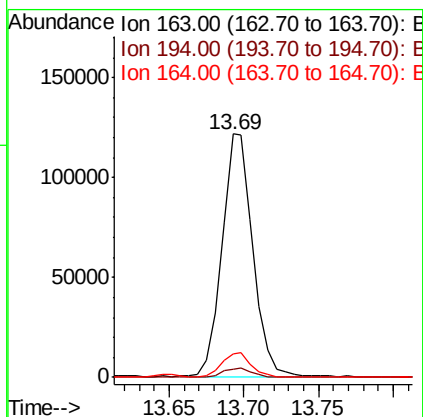
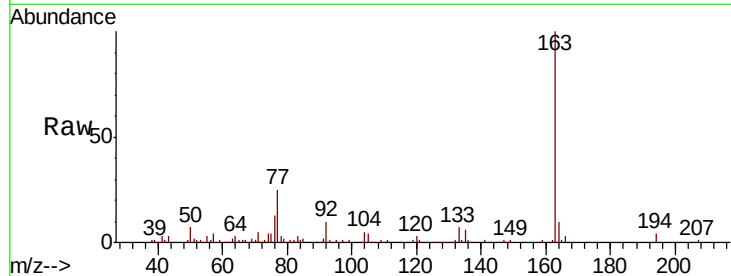




#45
 Dimethylphthalate
 Concen: 4.712 ng/ul
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BM019728.D
 Acq: 03 Apr 2019 13:52

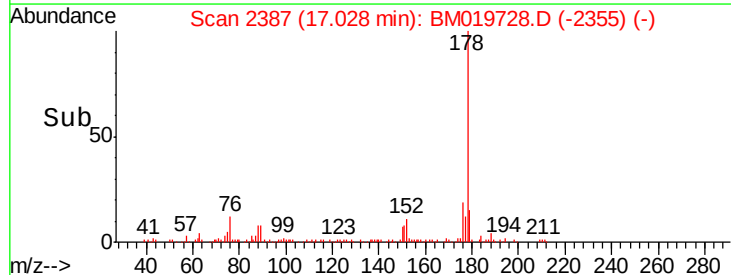
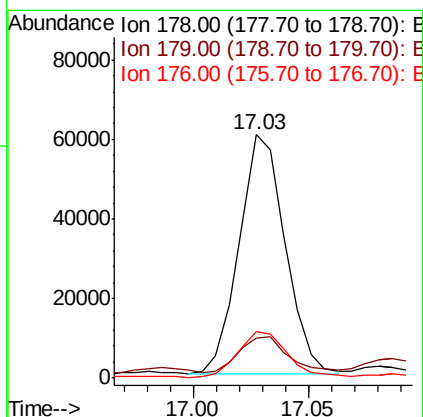
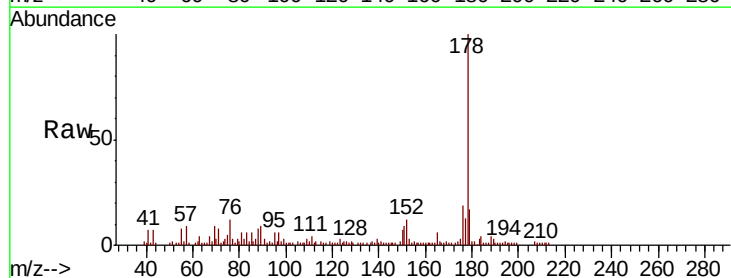
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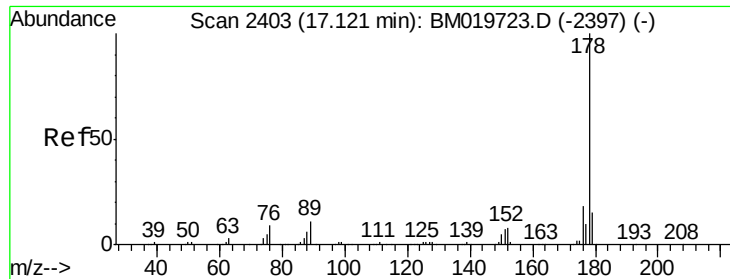
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.0	6.0#
164	9.9	8.4	12.6



#70
 Phenanthrene
 Concen: 1.495 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. -0.01 min
 Lab File: BM019728.D
 Acq: 03 Apr 2019 13:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.3	18.5
176	19.2	15.4	23.0





#72

Anthracene

Concen: 1.465 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. -0.11 min

Lab File: BM019728.D

Acq: 03 Apr 2019 13:52

Instrument :

BNA_M

ClientSampleId :

BF659

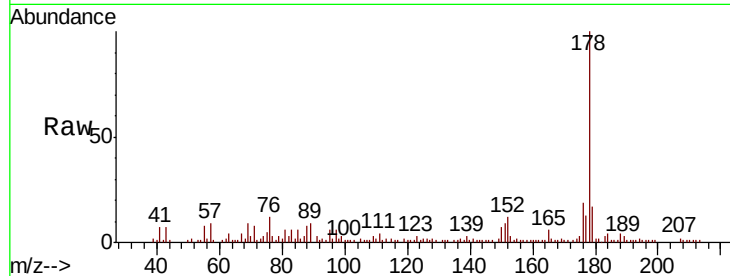
Tgt Ion:178 Resp: 83744

Ion Ratio Lower Upper

178 100

179 16.6 13.4 20.2

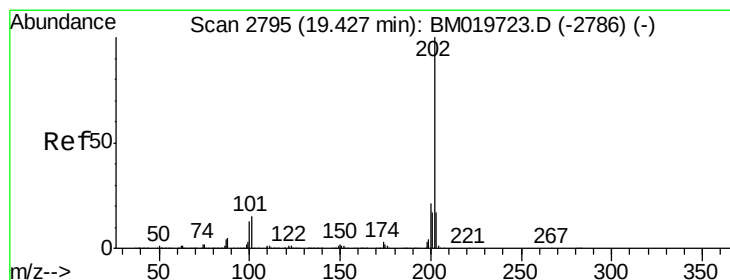
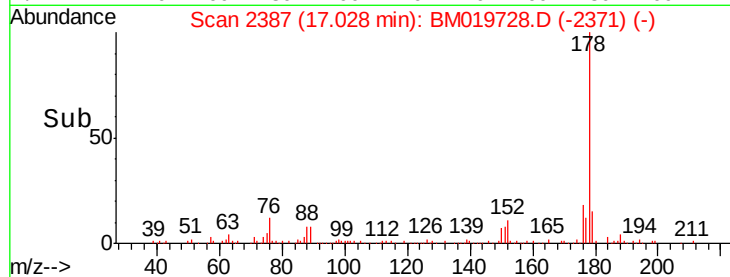
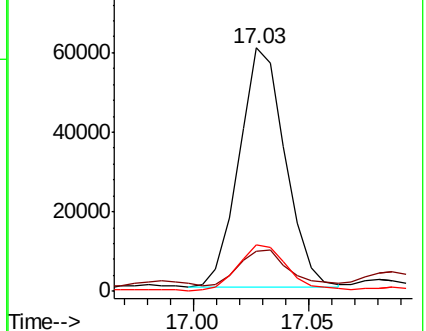
176 19.2 15.4 23.0



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



#80

Pyrene

Concen: 1.074 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM019728.D

Acq: 03 Apr 2019 13:52

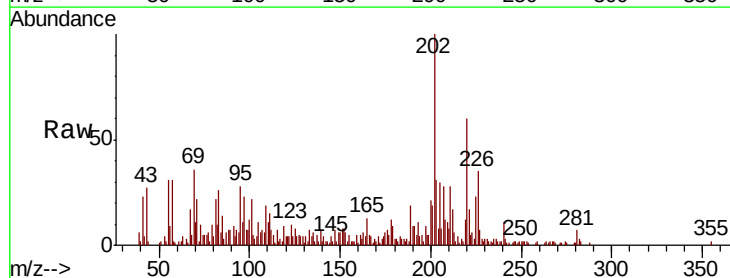
Tgt Ion:202 Resp: 52411

Ion Ratio Lower Upper

202 100

101 22.2 6.9 10.3#

100 12.1 5.6 8.4#



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

