

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
 Data File : BM019648.D
 Acq On : 01 Apr 2019 10:57
 Operator : JU/SJ
 Sample : K2065-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5K0

Quant Time: Apr 02 03:59:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 02 03:56:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	131512	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	573327	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	323541	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.99	188	732291	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	926943	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	1006740	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	15543	4.63	ng/uL	0.00
5) Phenol-d5	6.76	99	204389	17.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	141741	18.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	167344	18.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	120192	13.67	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	77846	19.03	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.46	143	72986	16.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	141715	16.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	178424	17.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	514716	19.72	ng/ul	-0.01
47) Acenaphthylene-d8	13.92	160	670732	20.55	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.47	143	32	0.01	ng/ul	-0.01
58) Fluorene-d10	15.23	176	467980	20.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	17091	3.53	ng/ul	0.00
71) Anthracene-d10	17.09	188	737110	20.98	ng/ul	0.00
79) Pyrene-d10	19.40	212	876929	20.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	1026039	19.22	ng/ul	0.00

Target Compounds

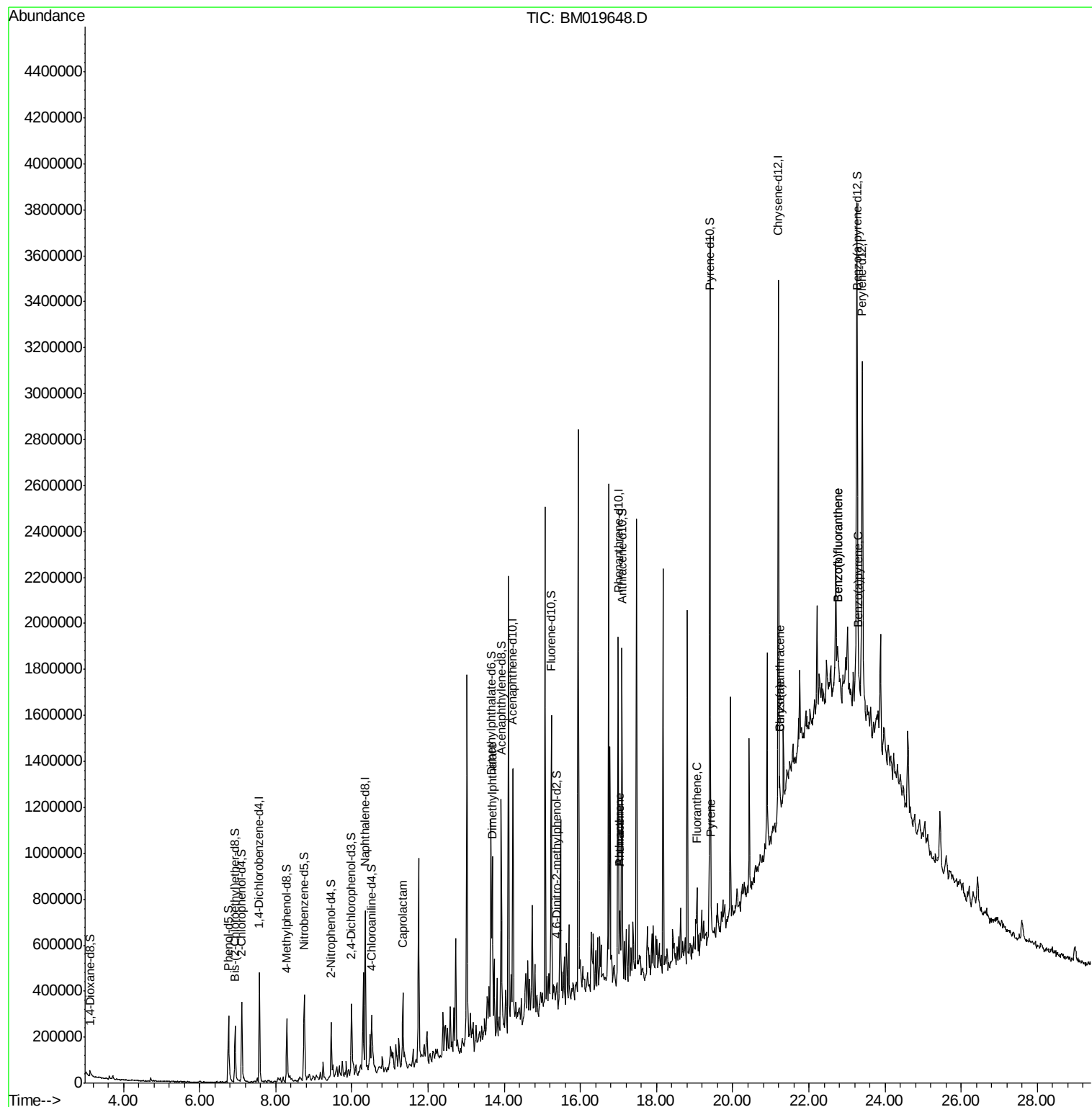
					Qvalue	
32) Caprolactam	11.34	113	11368	4.511	ng/ul#	30
45) Dimethylphthalate	13.70	163	68570	2.618	ng/ul	98
70) Phenanthrene	17.03	178	70461	1.697	ng/ul	94
72) Anthracene	17.03	178	71062	1.678	ng/ul	96
77) Fluoranthene	19.06	202	131102	2.756	ng/ul#	87
80) Pyrene	19.43	202	123074	2.207	ng/ul#	78
83) Benzo(a)anthracene	21.24	228	69511	1.246	ng/ul	93
85) Chrysene	21.24	228	69556	1.299	ng/ul	96
88) Benzo(b)fluoranthene	22.75	252	108341	1.767	ng/ul#	75
89) Benzo(k)fluoranthene	22.75	252	108341	1.840	ng/ul#	73
91) Benzo(a)pyrene	23.31	252	64116	1.094	ng/ul#	67

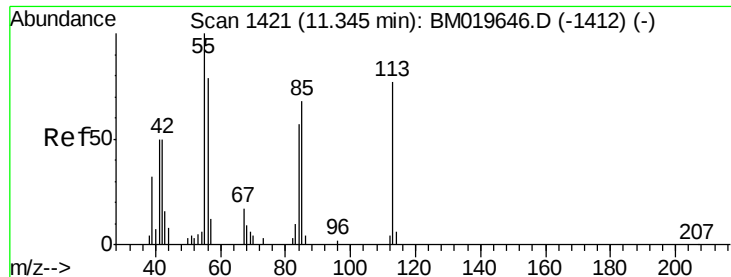
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#32

Caprolactam

Concen: 4.511 ng/ul

RT: 11.34 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BM019648.D

Acq: 01 Apr 2019 10:57

Instrument :

BNA_M

ClientSampleId :

BF5K0

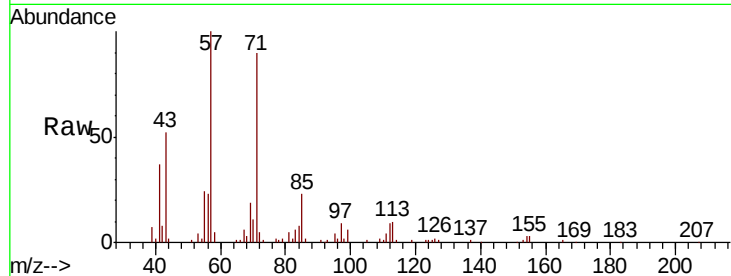
Tgt Ion:113 Resp: 11368

Ion Ratio Lower Upper

113 100

55 229.3 131.7 197.5#

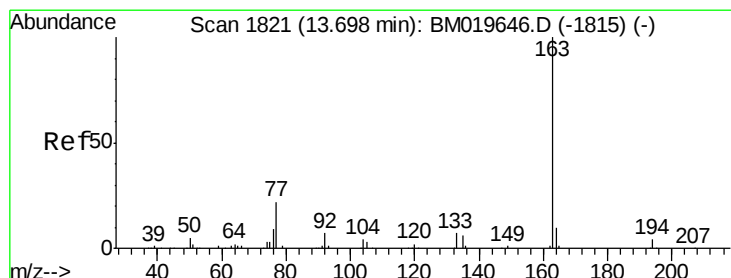
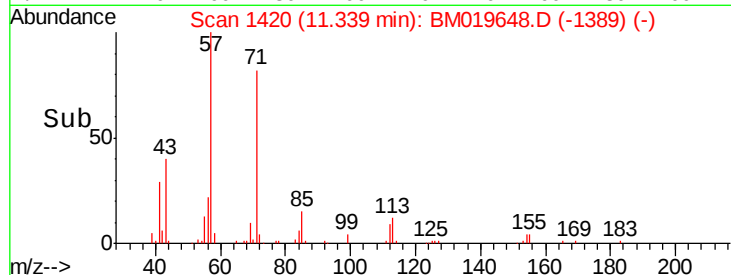
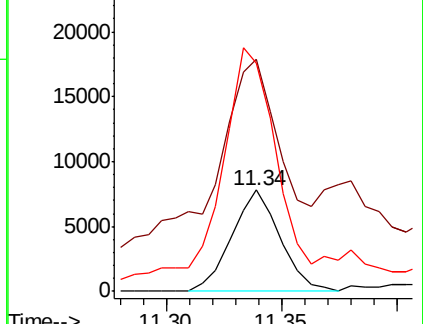
56 225.6 92.7 139.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#45

Dimethylphthalate

Concen: 2.618 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM019648.D

Acq: 01 Apr 2019 10:57

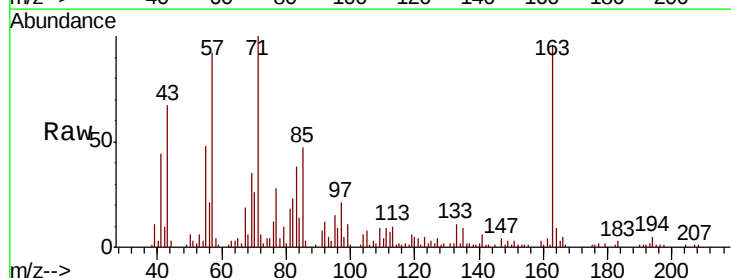
Tgt Ion:163 Resp: 68570

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

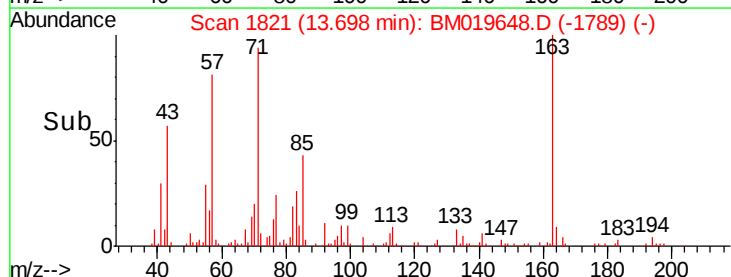
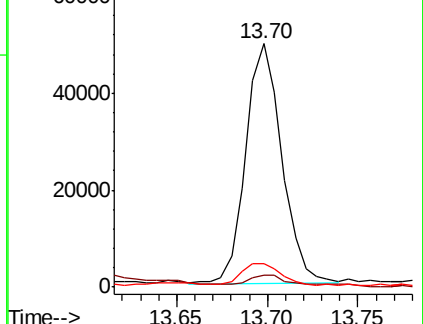
164 9.7 8.4 12.6

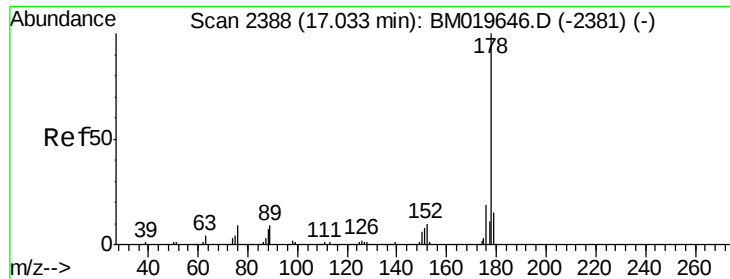


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 1.697 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.01 min

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ClientSampleId :

BF5K0

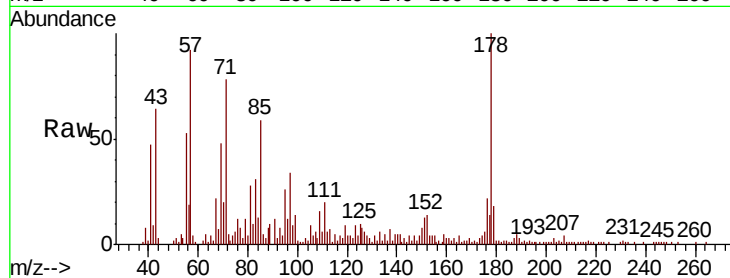
Tgt Ion:178 Resp: 70461

Ion Ratio Lower Upper

178 100

179 17.7 12.3 18.5

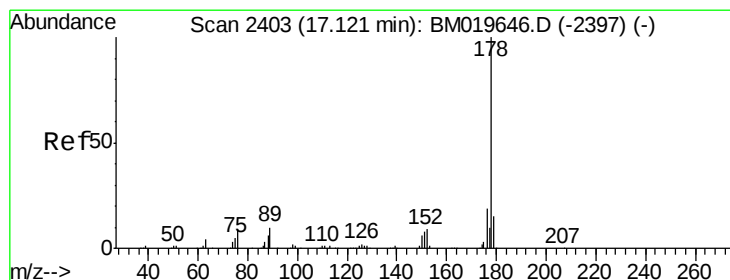
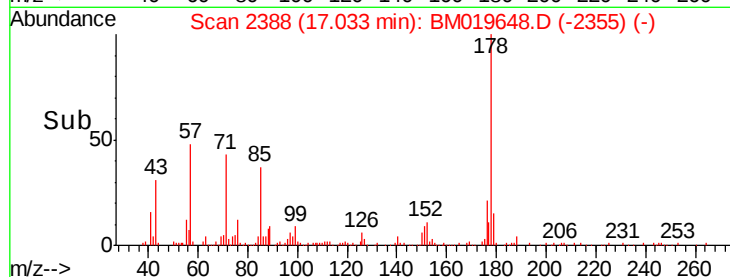
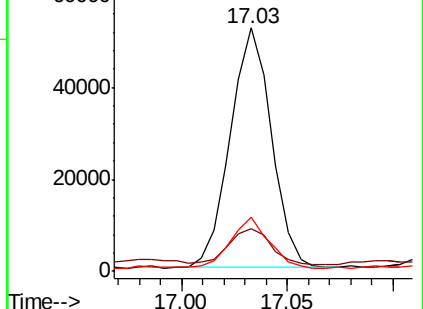
176 22.0 15.4 23.0



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



#72

Anthracene

Concen: 1.678 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.10 min

Lab File: BM019648.D

Acq: 01 Apr 2019 10:57

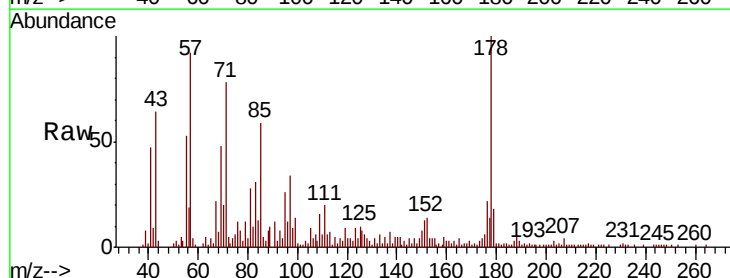
Tgt Ion:178 Resp: 71062

Ion Ratio Lower Upper

178 100

179 17.7 13.4 20.2

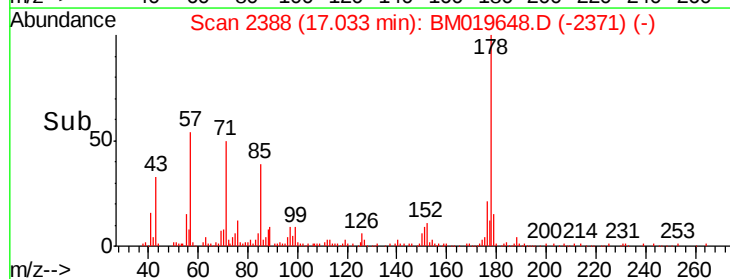
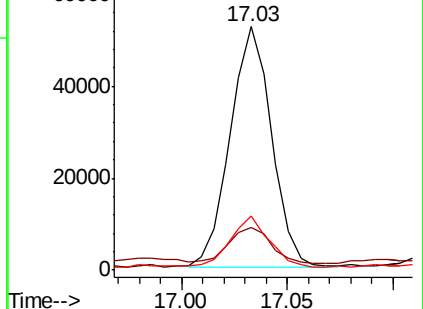
176 22.0 15.4 23.0

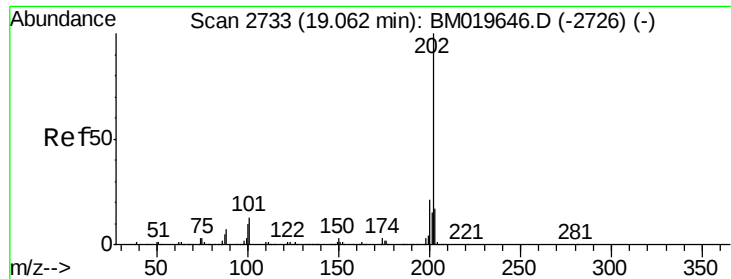


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 2.756 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BM019648.D

Acq: 01 Apr 2019 10:57

Instrument :

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BF5K0

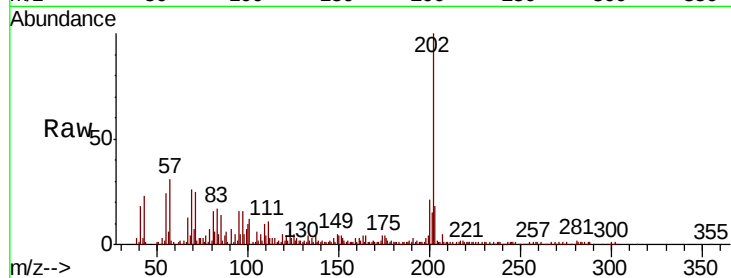
Tgt Ion:202 Resp: 131102

Ion Ratio Lower Upper

202 100

101 12.0 6.1 9.1#

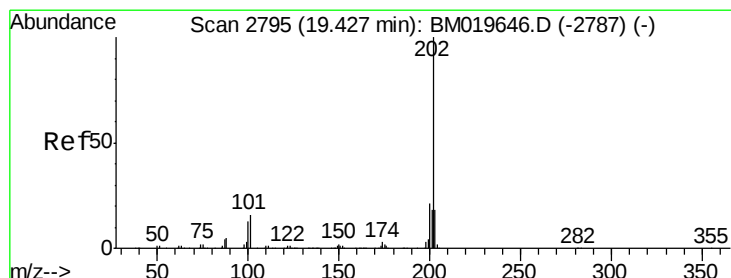
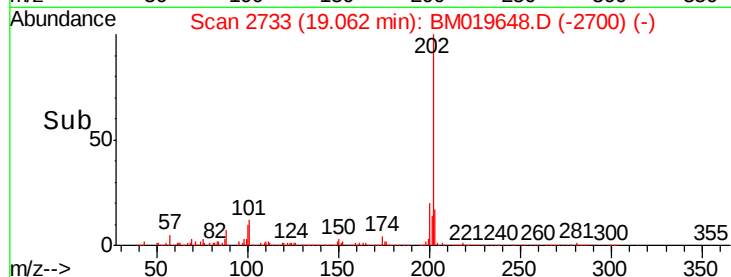
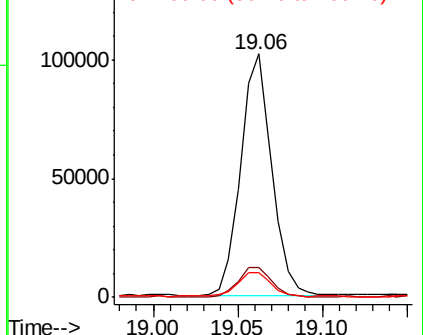
100 10.3 4.6 7.0#



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



#80

Pyrene

Concen: 2.207 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM019648.D

Acq: 01 Apr 2019 10:57

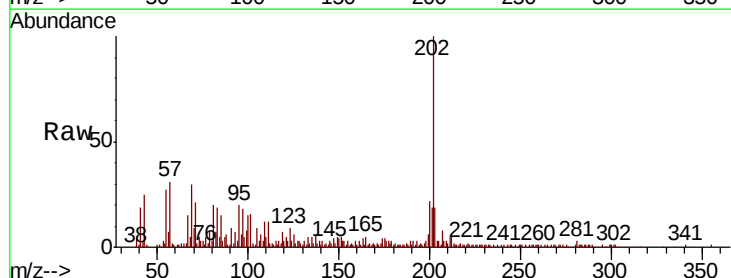
Tgt Ion:202 Resp: 123074

Ion Ratio Lower Upper

202 100

101 16.2 6.9 10.3#

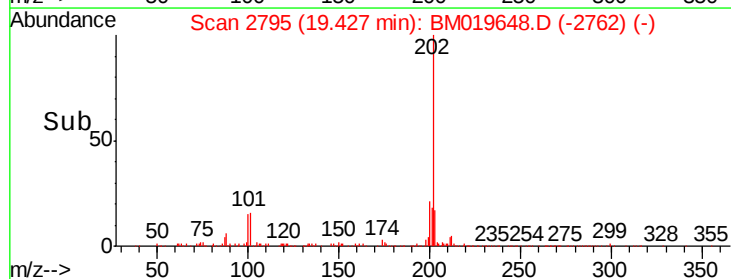
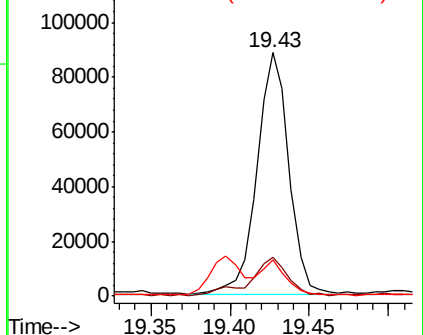
100 15.1 5.6 8.4#

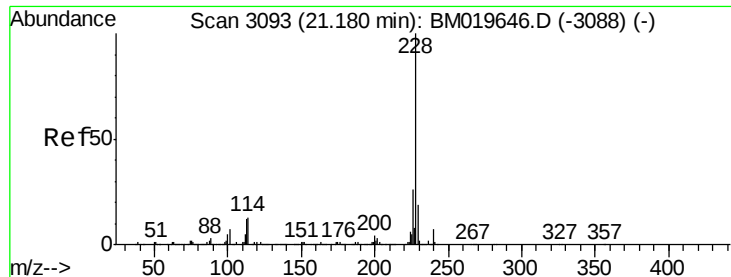


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

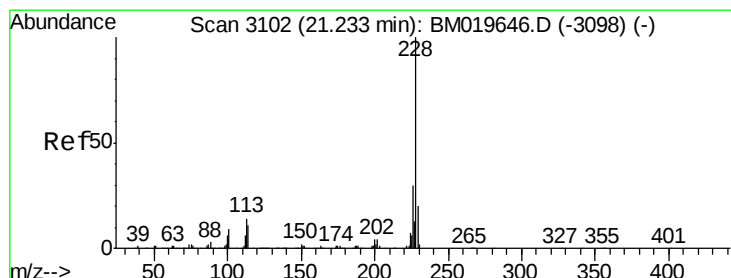
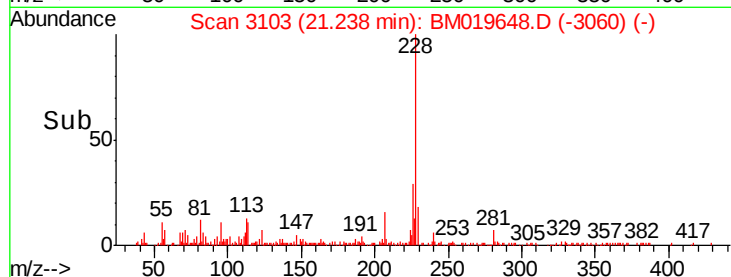
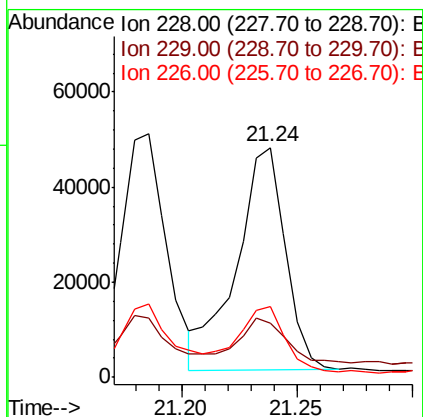
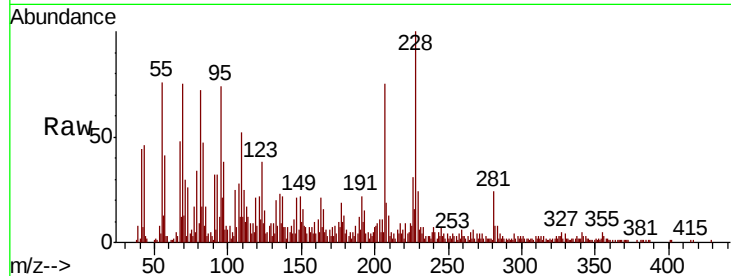




#83
Benzo(a)anthracene
Concen: 1.246 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.05 min
Lab File: BM019648.D
Acq: 01 Apr 2019 10:57

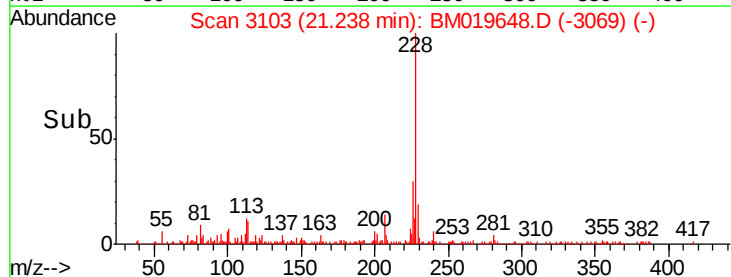
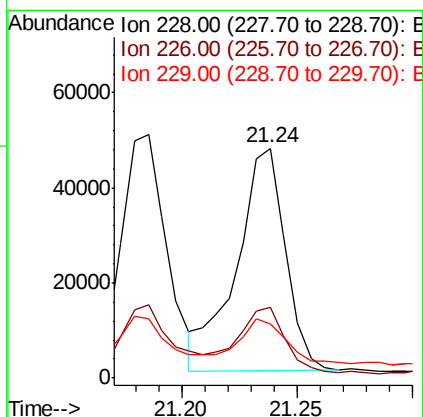
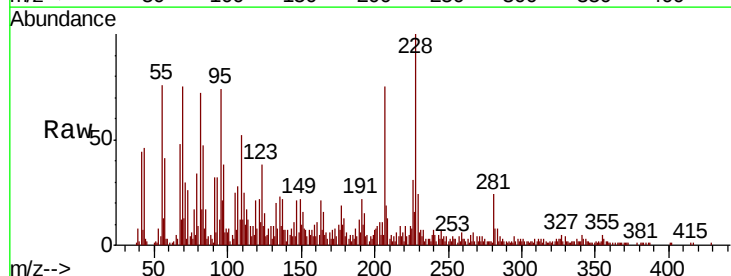
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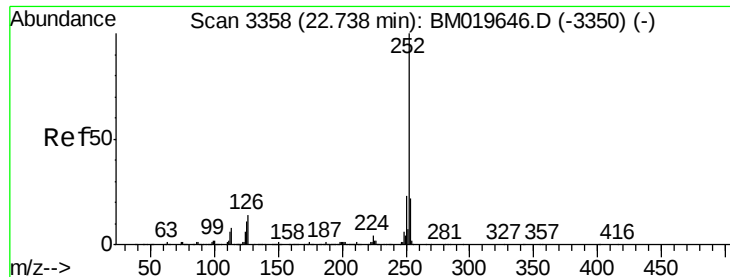
Tgt Ion:228 Resp: 69511
Ion Ratio Lower Upper
228 100
229 23.5 16.0 24.0
226 30.7 21.8 32.8



#85
Chrysene
Concen: 1.299 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM019648.D
Acq: 01 Apr 2019 10:57

Tgt Ion:228 Resp: 69556
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 23.5 16.0 24.0





#88

Benzo(b)fluoranthene

Concen: 1.767 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BM019648.D

Acq: 01 Apr 2019 10:57

Instrument :

BNA_M

ClientSampleId :

BF5K0

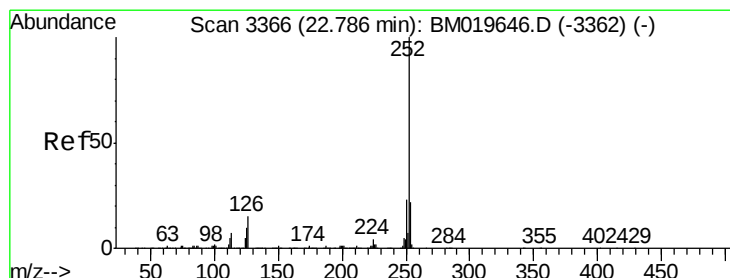
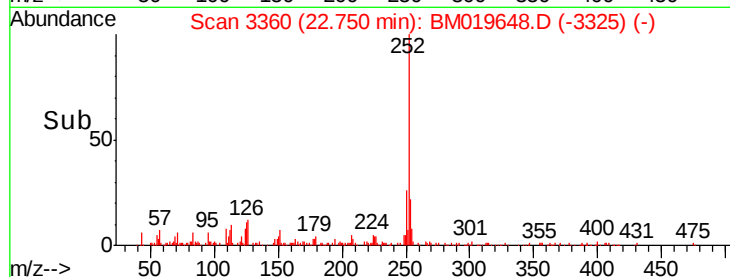
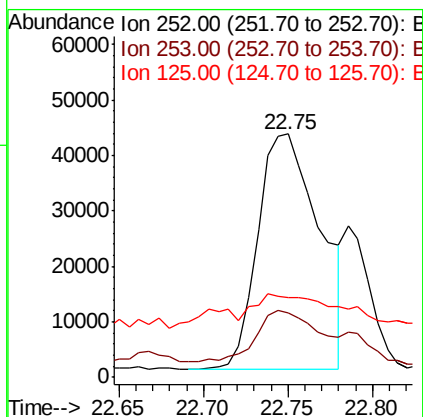
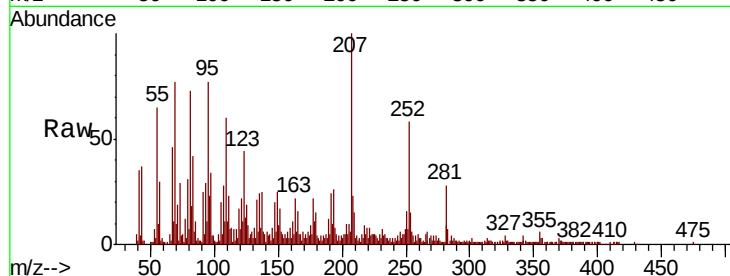
Tgt Ion:252 Resp: 108341

Ion Ratio Lower Upper

252 100

253 26.7 17.4 26.0#

125 32.6 4.9 7.3#



#89

Benzo(k)fluoranthene

Concen: 1.840 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.04 min

Lab File: BM019648.D

Acq: 01 Apr 2019 10:57

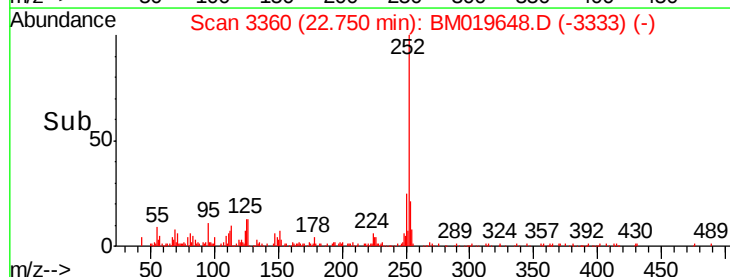
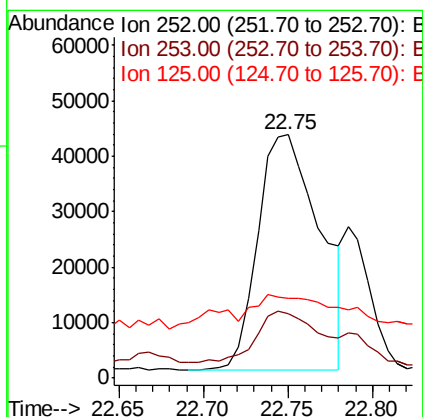
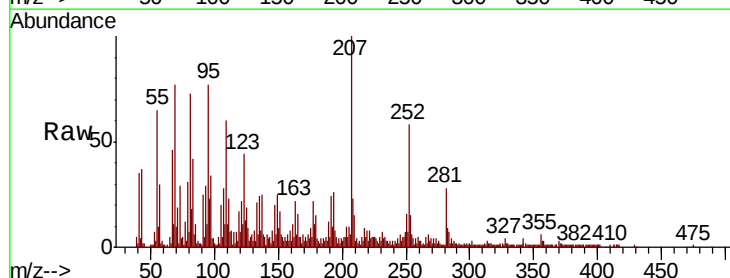
Tgt Ion:252 Resp: 108341

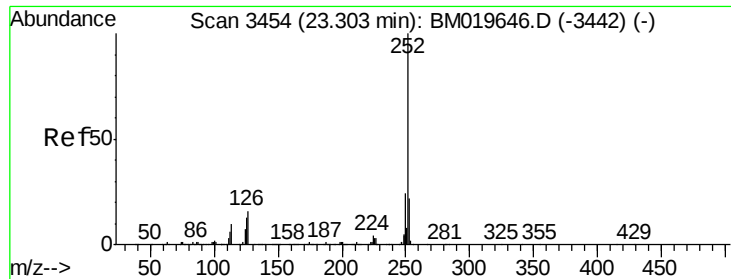
Ion Ratio Lower Upper

252 100

253 26.7 17.1 25.7#

125 32.6 5.4 8.0#





#91

Benzo(a)pyrene

Concen: 1.094 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM019648.D

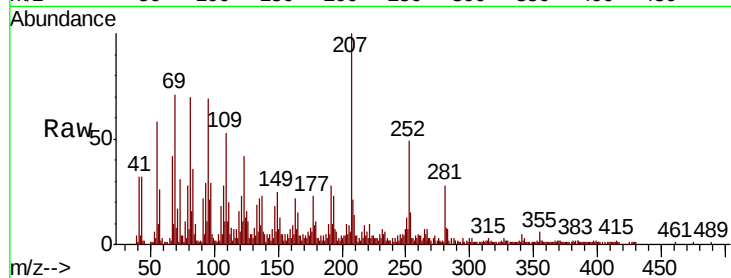
Acq: 01 Apr 2019 10:57

Instrument :

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Tgt Ion:	252	Resp:	64116
Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.2	25.8#
125	33.6	5.8	8.6#

