

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019699.D
 Acq On : 02 Apr 2019 19:49
 Operator : JU/SJ
 Sample : K2148-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5F8

Quant Time: Apr 03 01:22:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 03 01:13:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	157612	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	716495	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	435467	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	973523	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1068967	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	1115551	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	22088	5.49	ng/uL	0.00
5) Phenol-d5	6.76	99	203298	14.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	159038	16.93	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	177257	16.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	168872	16.03	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	91799	17.96	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.45	143	109193	19.20	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.99	165	174735	16.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	226898	17.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	701578	19.97	ng/ul	-0.01
47) Acenaphthylene-d8	13.93	160	794309	18.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	68825	12.50	ng/ul	0.01
58) Fluorene-d10	15.23	176	581717	19.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	92752	14.41	ng/ul	0.00
71) Anthracene-d10	17.09	188	898817	19.24	ng/ul	0.00
79) Pyrene-d10	19.40	212	977102	19.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1034178	17.49	ng/ul	0.00

Target Compounds

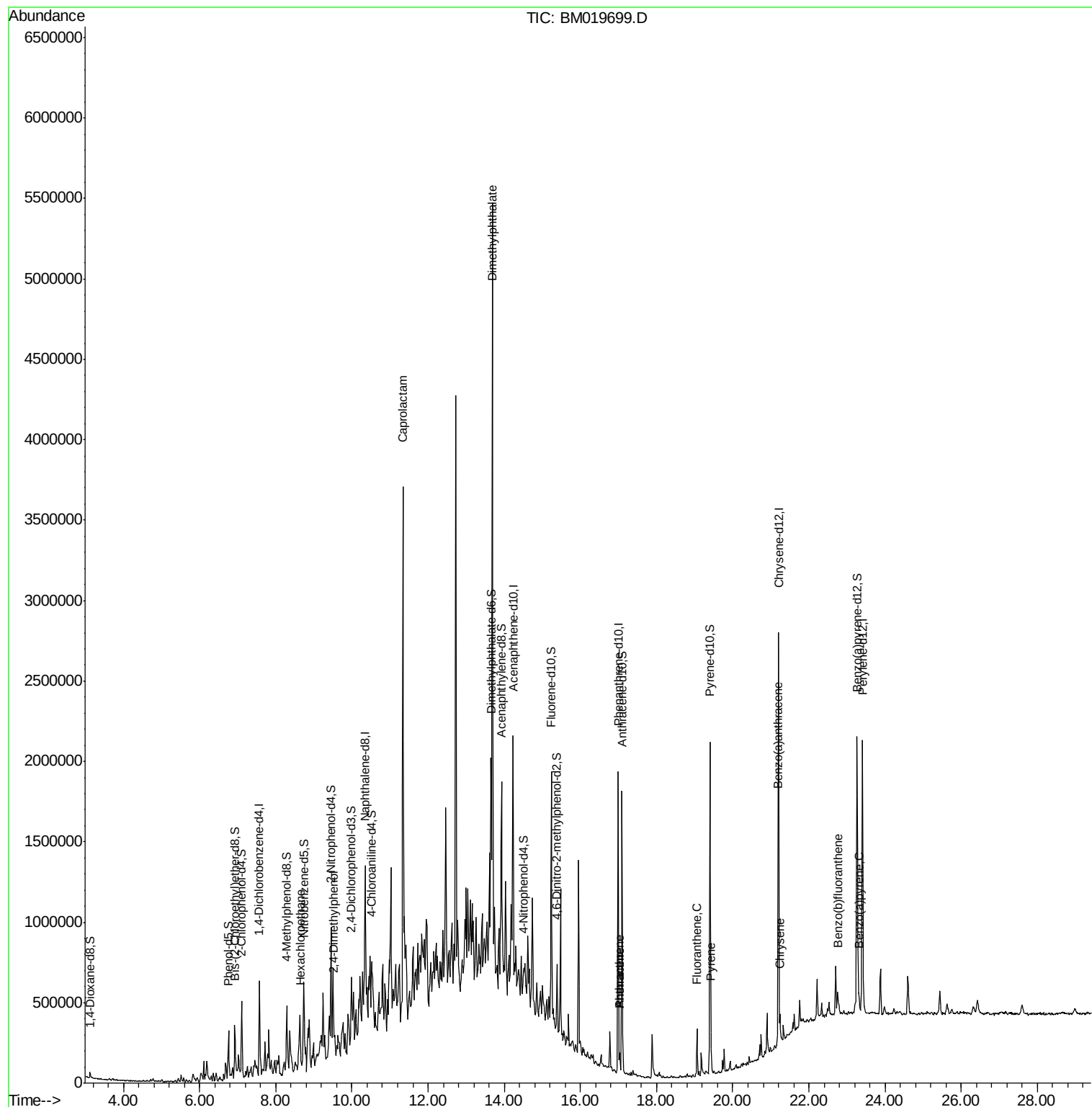
					Qvalue	
17) Hexachloroethane	8.65	117	4772	1.050	ng/ul#	1
24) 2,4-Dimethylphenol	9.52	107	26055	1.911	ng/ul#	35
32) Caprolactam	11.34	113	131158	41.648	ng/ul#	80
45) Dimethylphthalate	13.70	163	143815	4.079	ng/ul	99
70) Phenanthrene	17.03	178	63545	1.151	ng/ul	99
72) Anthracene	17.03	178	64037	1.137	ng/ul	97
77) Fluoranthene	19.06	202	153920	2.434	ng/ul#	86
80) Pyrene	19.43	202	144909	2.253	ng/ul#	83
83) Benzo(a)anthracene	21.19	228	77424	1.203	ng/ul	99
85) Chrysene	21.24	228	79865	1.294	ng/ul	99
88) Benzo(b)fluoranthene	22.75	252	102887	1.514	ng/ul#	90
91) Benzo(a)pyrene	23.31	252	72468	1.116	ng/ul#	92

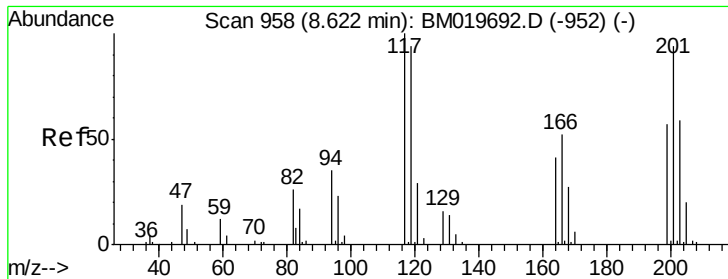
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#17

Hexachloroethane

Concen: 1.050 ng/ul

RT: 8.65 min Scan# 963

Delta R.T. 0.02 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

Instrument :

BNA_M

ClientSampleId :

BF5F8

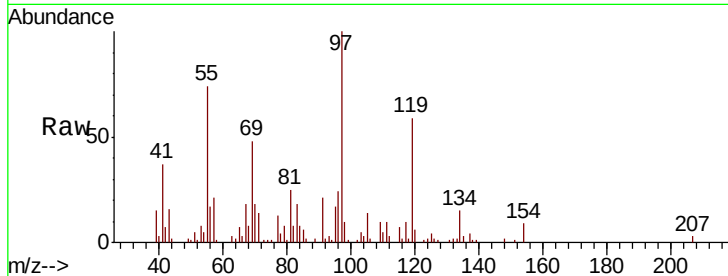
Tgt Ion:117 Resp: 4772

Ion Ratio Lower Upper

117 100

201 0.0 96.1 144.1#

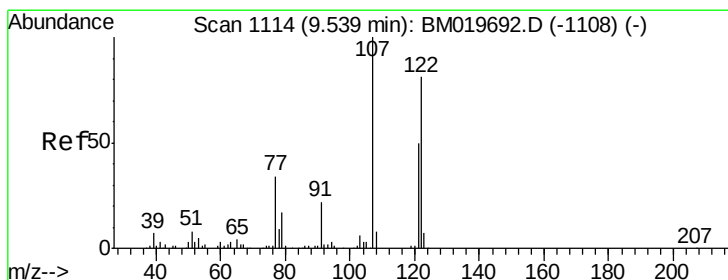
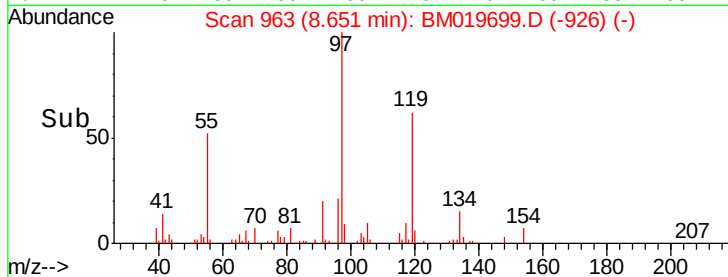
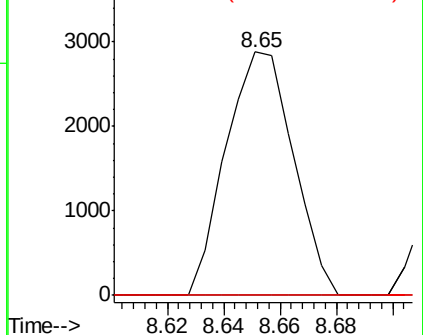
199 0.0 59.7 89.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#24

2,4-Dimethylphenol

Concen: 1.911 ng/ul

RT: 9.52 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

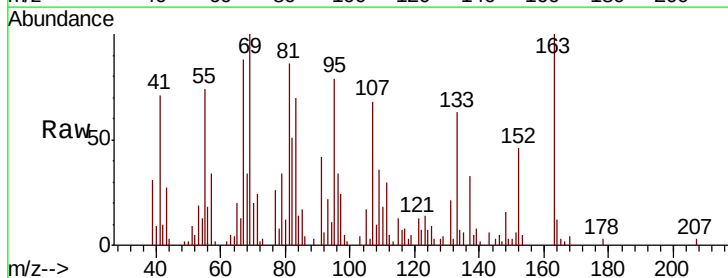
Tgt Ion:107 Resp: 26055

Ion Ratio Lower Upper

107 100

121 19.6 38.1 57.1#

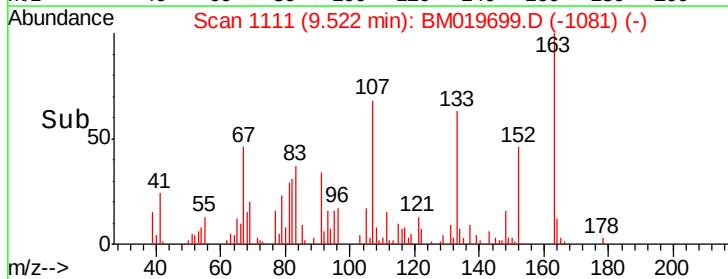
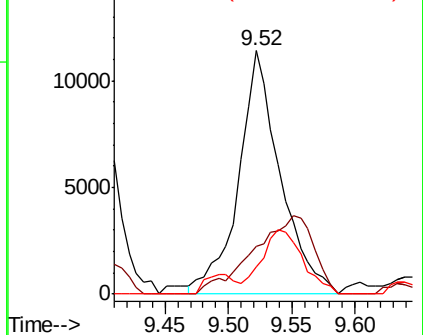
122 11.0 63.8 95.8#

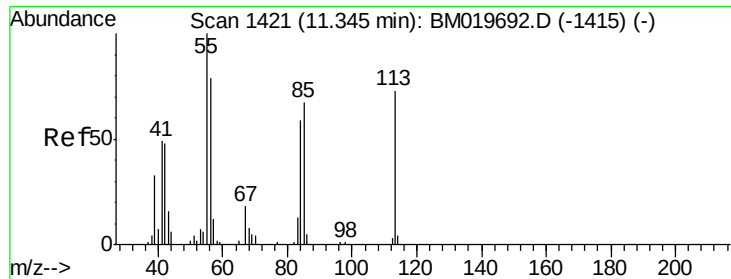


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Caprolactam

Concen: 41.648 ng/ul

RT: 11.34 min Scan# 1420

Delta R.T. -0.02 min

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Instrument :

BNA_M

ClientSampleId :

BF5F8

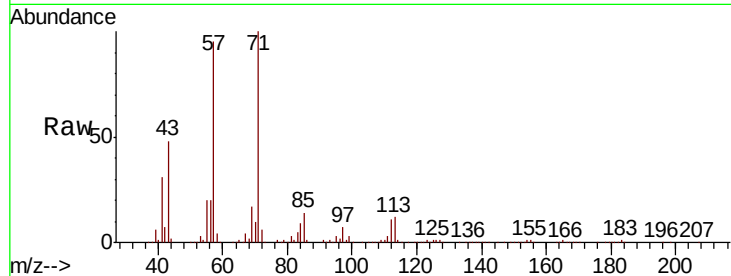
Tgt Ion:113 Resp: 131158

Ion Ratio Lower Upper

113 100

55 166.5 131.7 197.5

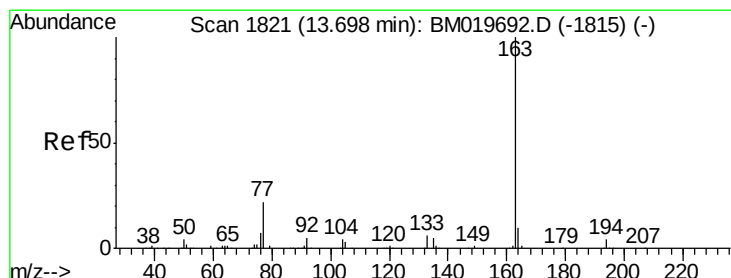
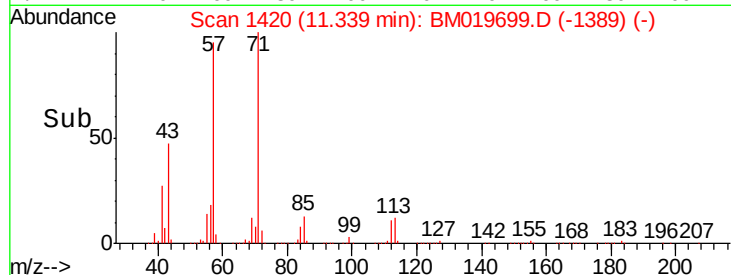
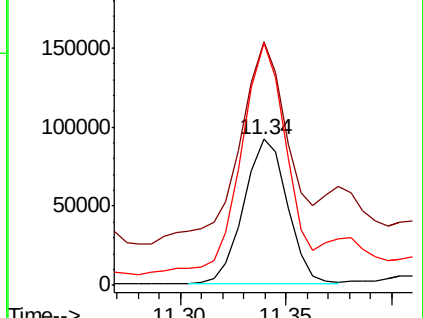
56 165.4 92.7 139.1#



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: 4.079 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

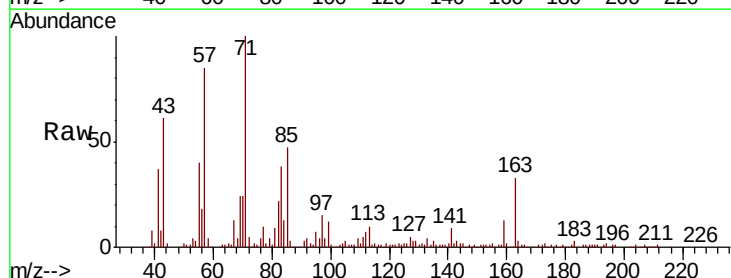
Tgt Ion:163 Resp: 143815

Ion Ratio Lower Upper

163 100

194 5.5 4.0 6.0

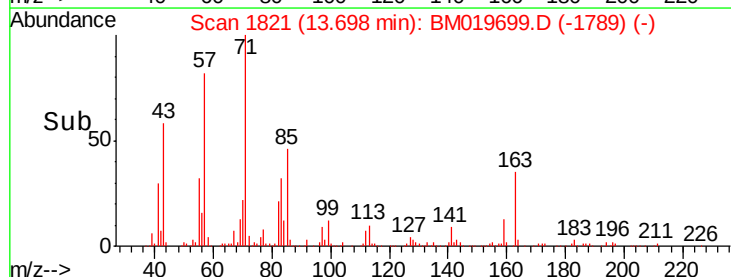
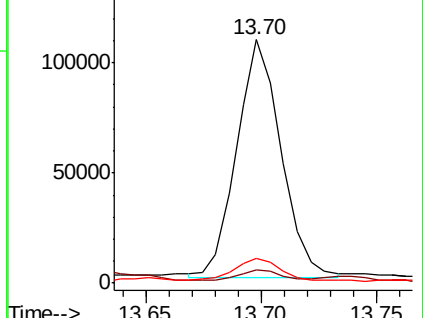
164 10.3 8.4 12.6

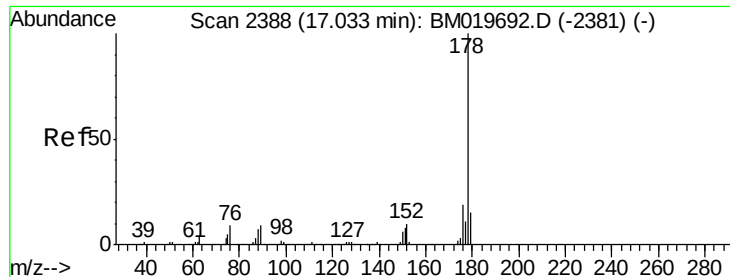


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 1.151 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

Instrument :

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ClientSampleId :

BF5F8

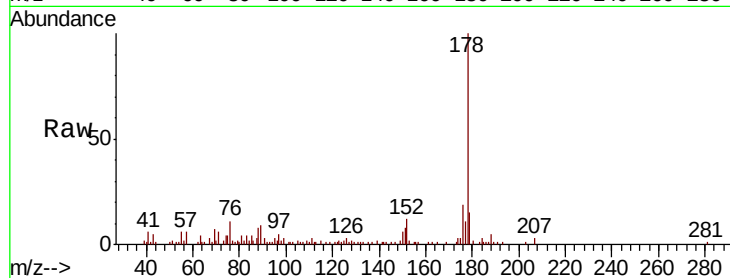
Tgt Ion:178 Resp: 63545

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

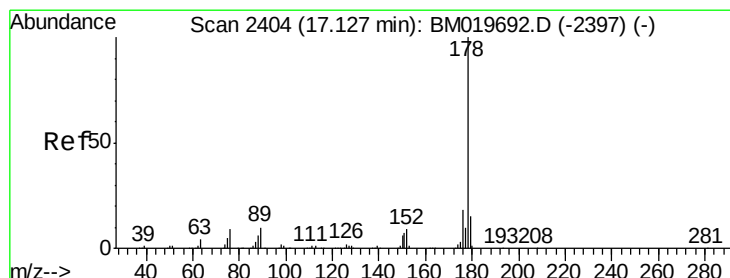
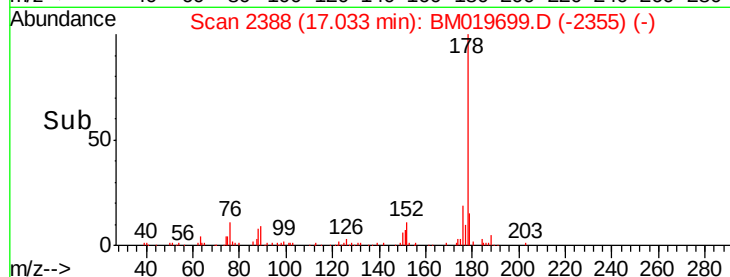
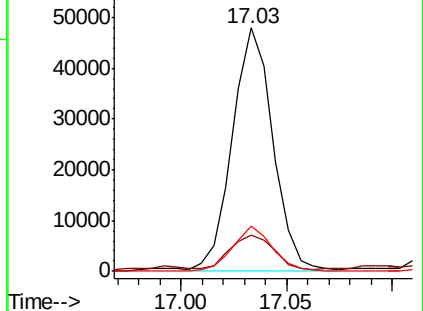
176 18.5 15.4 23.0



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: 1.137 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.10 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

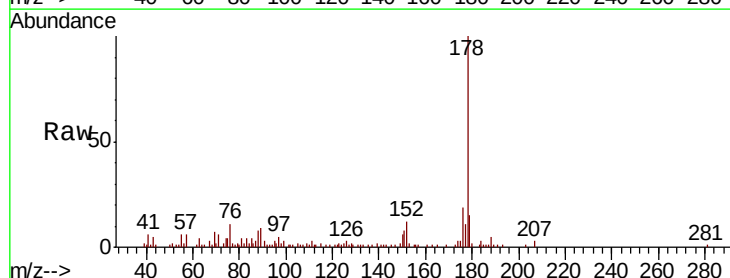
Tgt Ion:178 Resp: 64037

Ion Ratio Lower Upper

178 100

179 14.9 13.4 20.2

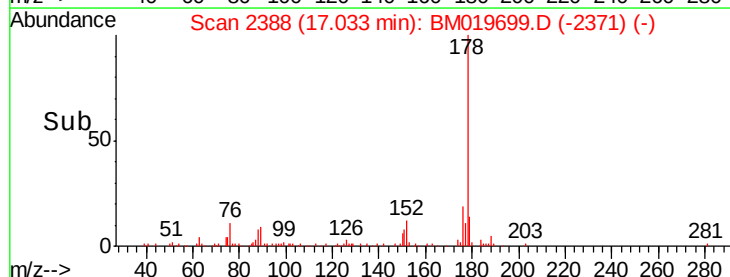
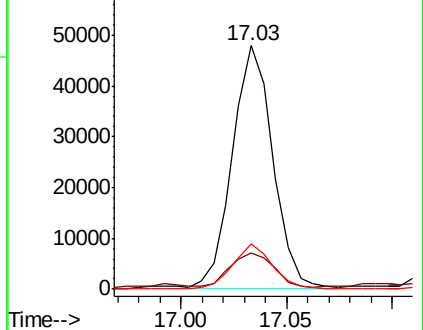
176 18.5 15.4 23.0

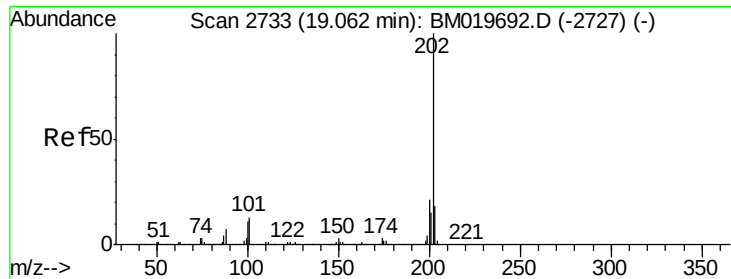


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 2.434 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

Instrument :

BNA_M

ClientSampleId :

BF5F8

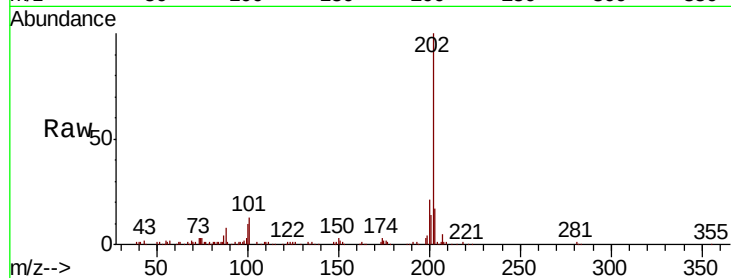
Tgt Ion:202 Resp: 153920

Ion Ratio Lower Upper

202 100

101 13.0 6.1 9.1#

100 9.7 4.6 7.0#

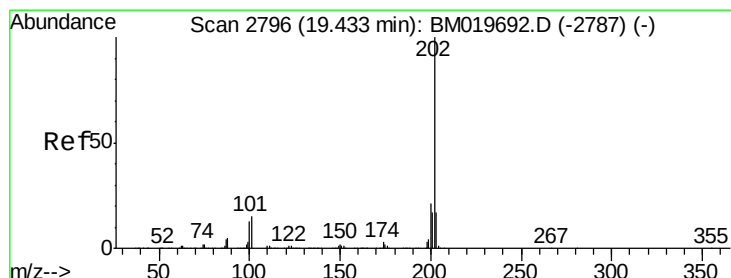
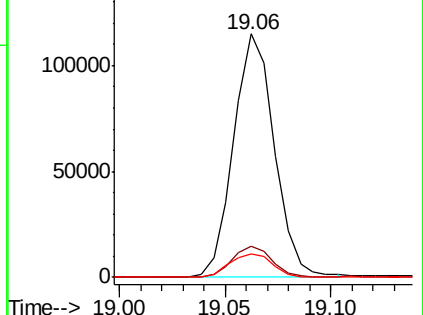
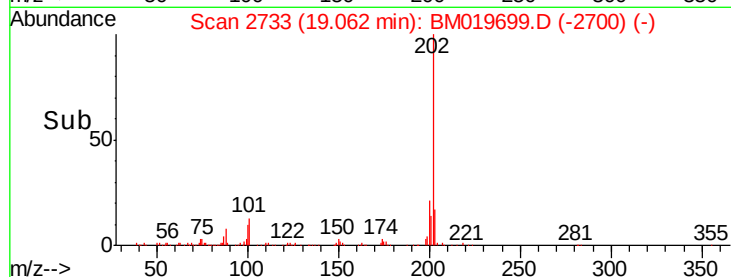


Abundance

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: 2.253 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

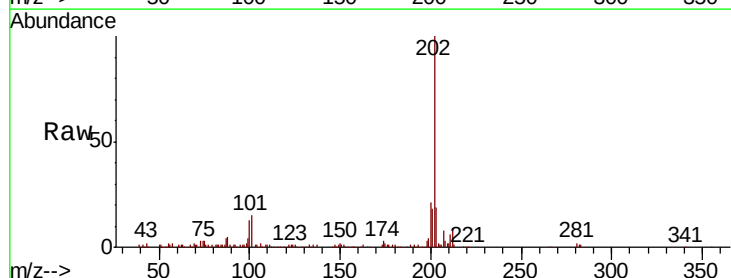
Tgt Ion:202 Resp: 144909

Ion Ratio Lower Upper

202 100

101 14.7 6.9 10.3#

100 12.5 5.6 8.4#

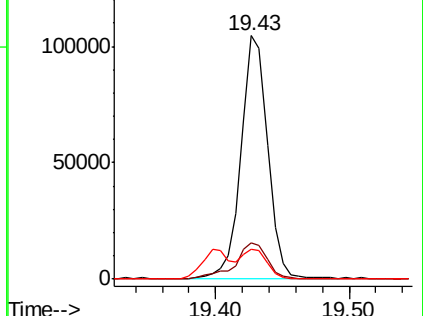
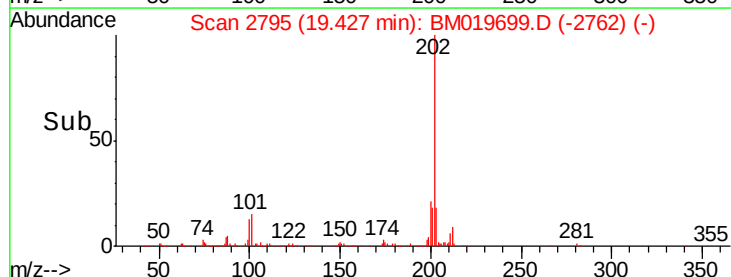


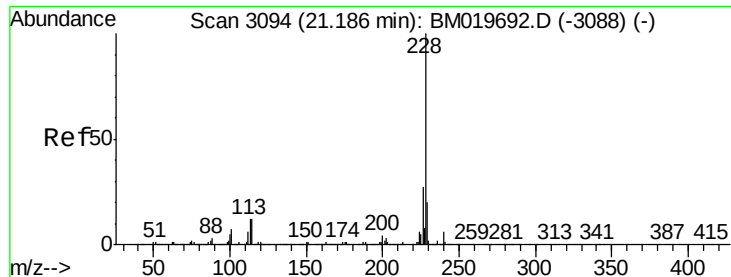
Abundance

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: 1.203 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

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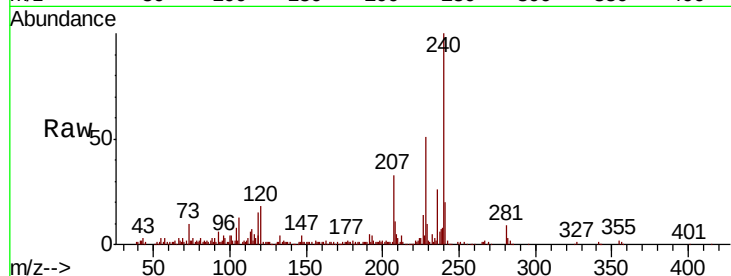
Tgt Ion:228 Resp: 77424

Ion Ratio Lower Upper

228 100

229 20.1 16.0 24.0

226 26.7 21.8 32.8

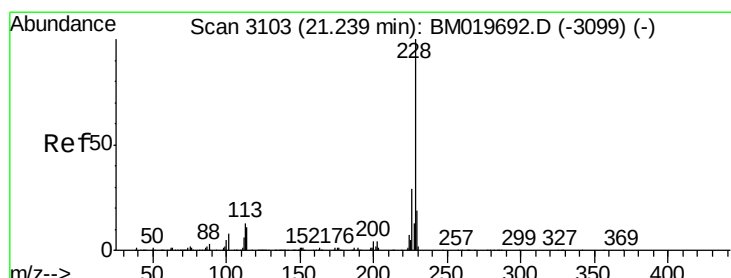
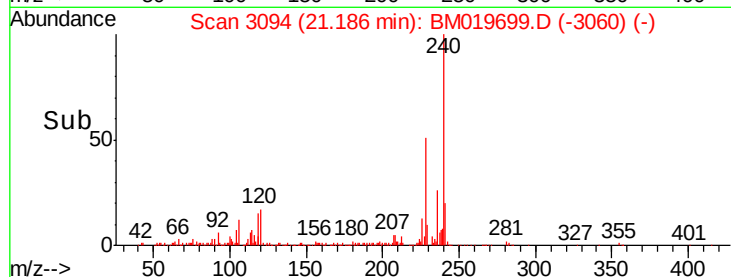
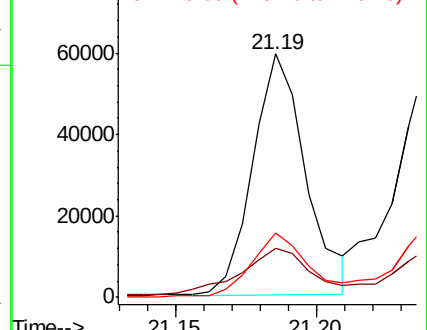


Abundance

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



#85

Chrysene

Concen: 1.294 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

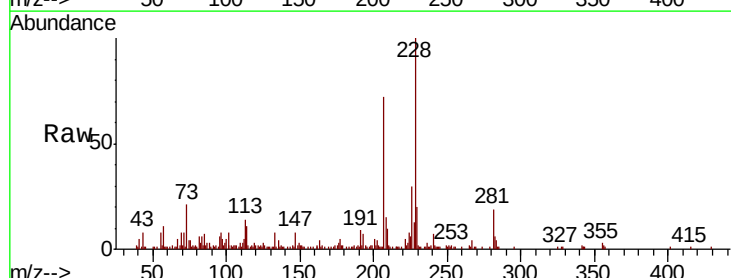
Tgt Ion:228 Resp: 79865

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 20.2 16.0 24.0

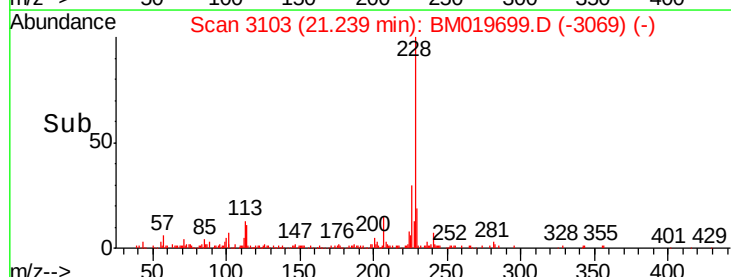
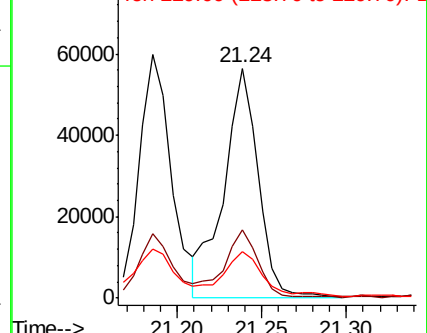


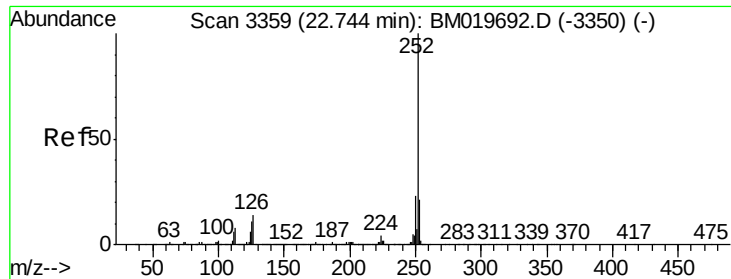
Abundance

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(b)fluoranthene

Concen: 1.514 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. 0.01 min

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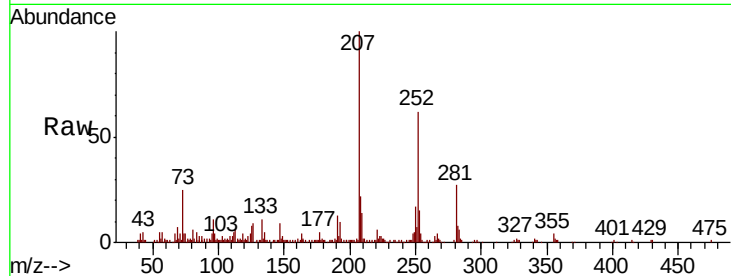
Tgt Ion:252 Resp: 102887

Ion Ratio Lower Upper

252 100

253 24.8 17.4 26.0

125 13.4 4.9 7.3#

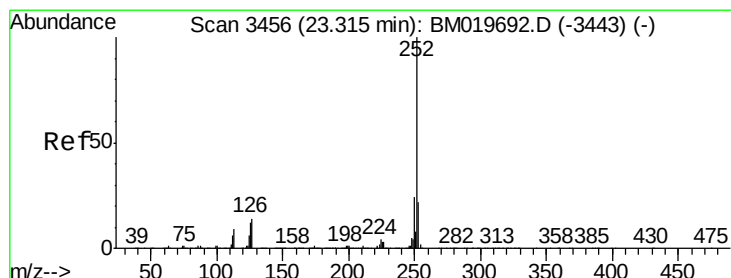
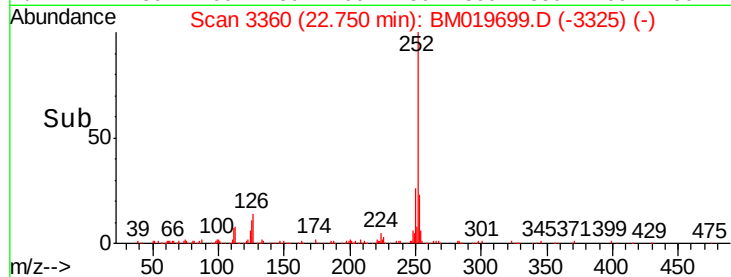
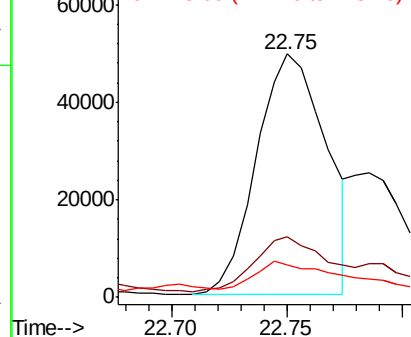


Abundance

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



#91

Benzo(a)pyrene

Concen: 1.116 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

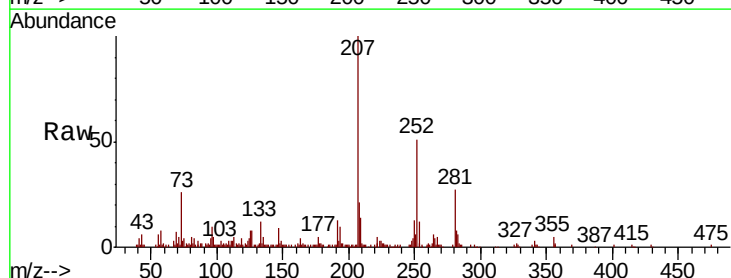
Tgt Ion:252 Resp: 72468

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 15.4 5.8 8.6#



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

