

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021663.D
 Acq On : 26 Jul 2019 07:58
 Operator : HP/JU
 Sample : K3893-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 26 08:31:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 01:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	124710	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	574653	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.34	164	414563	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	990654	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1168502	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1183003	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	10693	4.67	ng/uL	0.00
5) Phenol-d5	6.87	99	226283	21.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	132680	21.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	187578	22.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	200646	22.21	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	100992	23.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	112582	24.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	233961	22.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	243367	24.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	785556	22.12	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	906124	20.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	83496	13.70	ng/ul	0.00
57) Fluorene-d10	15.34	176	723166	22.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	71131	11.47	ng/ul	0.00
70) Anthracene-d10	17.19	188	1195262	24.52	ng/ul	0.00
78) Pyrene-d10	19.49	212	1497123	26.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1529530	24.22	ng/ul	-0.01

Target Compounds

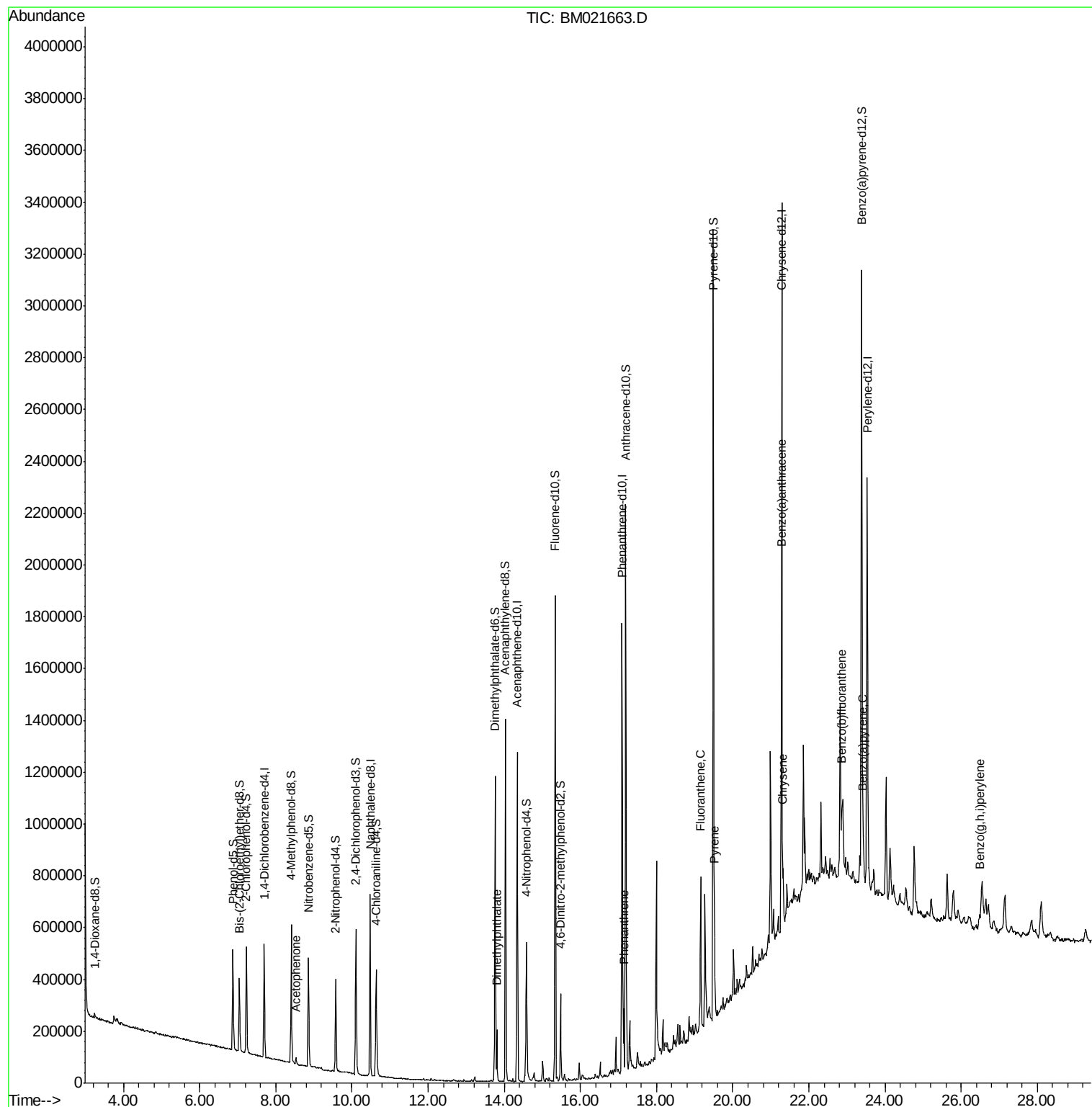
					Ovalue
14) Acetophenone	8.53	105	15310	1.129 ng/ul	95
44) Dimethylphthalate	13.80	163	119719	3.511 ng/ul	99
69) Phenanthrene	17.13	178	143611	2.657 ng/ul	99
76) Fluoranthene	19.16	202	314655	4.696 ng/ul	100
79) Pyrene	19.52	202	244912	3.519 ng/ul	100
82) Benzo(a)anthracene	21.27	228	159097	2.077 ng/ul	97
84) Chrysene	21.32	228	150121	2.055 ng/ul	97
87) Benzo(b)fluoranthene	22.86	252	204852	2.864 ng/ul#	94
90) Benzo(a)pyrene	23.43	252	122030	1.777 ng/ul#	94
93) Benzo(a,h,i)perylene	26.48	276	69148	1.024 ng/ul	94

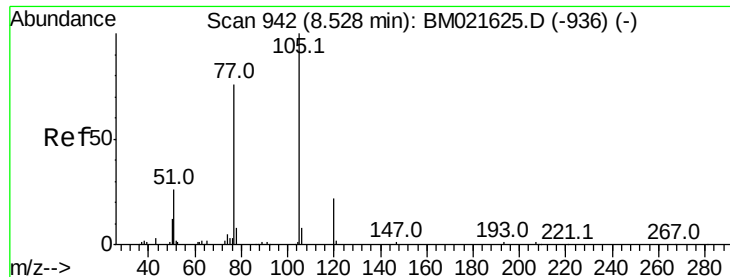
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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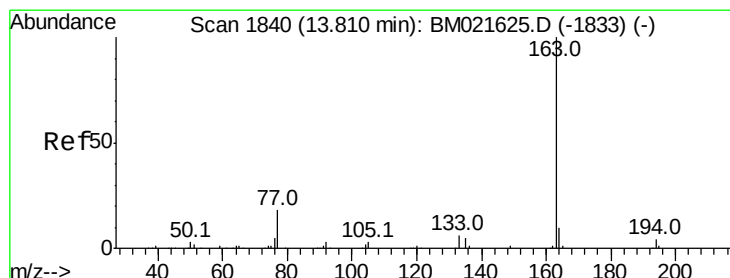
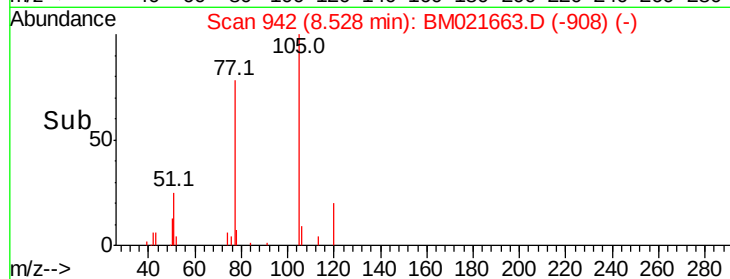
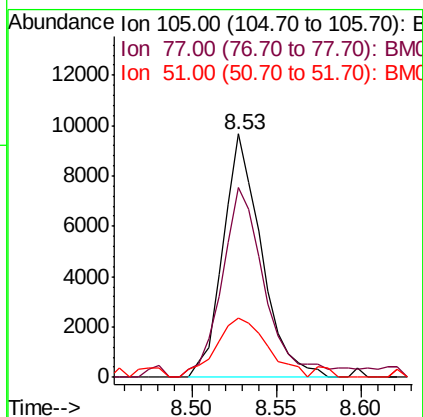
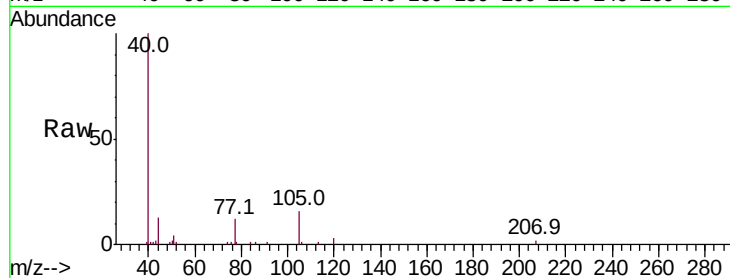




#14
Acetophenone
Concen: 1.129 ng/ul
RT: 8.53 min Scan# 942
Delta R.T. 0.00 min
Lab File: BM021663.D
Acq: 26 Jul 2019 07:58

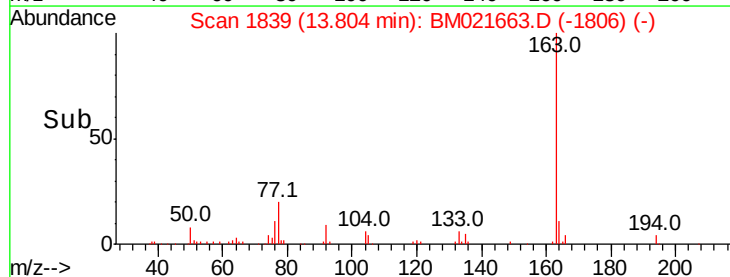
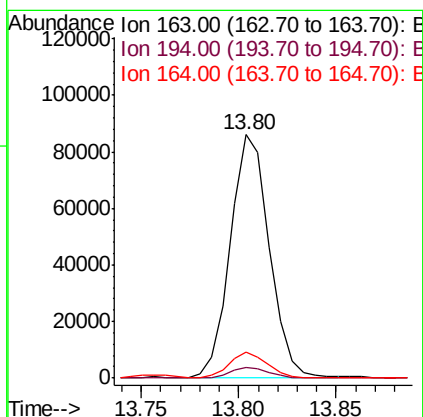
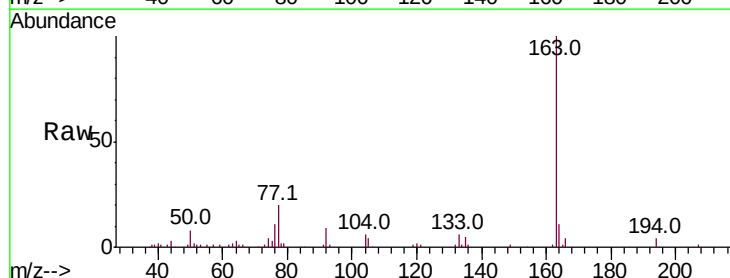
Instrument :
BNA_M
ClientSampleId :

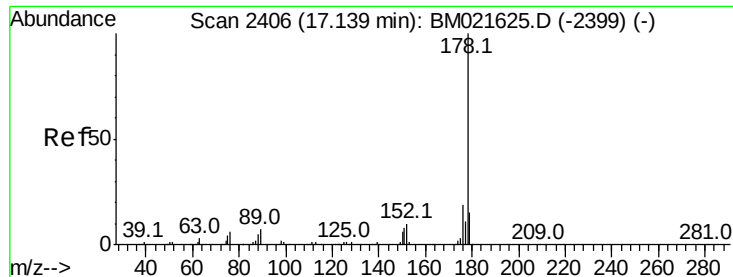
Tot Ion:105 Resp: 15310
Ion Ratio Lower Upper
105 100
77 77.8 66.3 99.5
51 24.5 20.2 30.2



#44
Dimethylphthalate
Concen: 3.511 ng/ul
RT: 13.80 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM021663.D
Acq: 26 Jul 2019 07:58

Tgt Ion:163 Resp: 119719
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.6 8.2 12.4





#69

Phenanthrene

Concen: 2.657 ng/ul

RT: 17.13 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BM021663.D

Acq: 26 Jul 2019 07:58

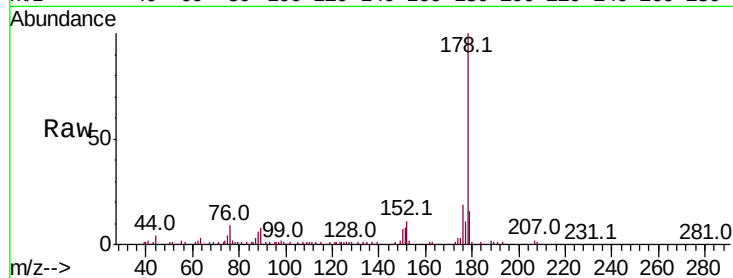
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 143611

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	19.1	15.0	22.4

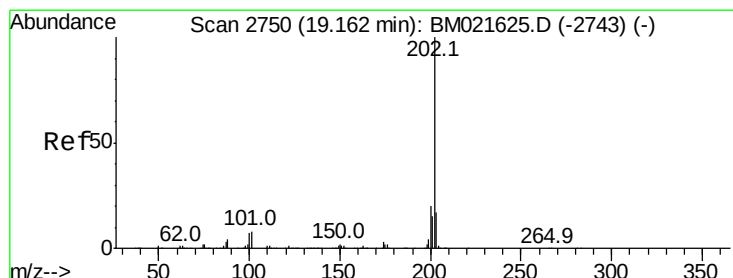
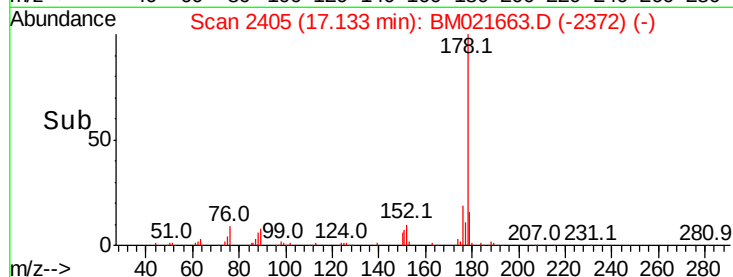
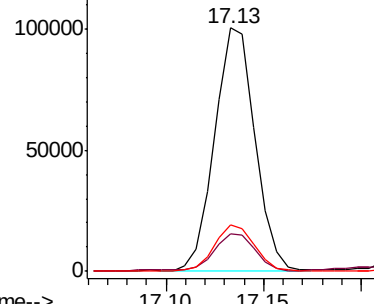


Abundance

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: 4.696 ng/ul

RT: 19.16 min Scan# 2749

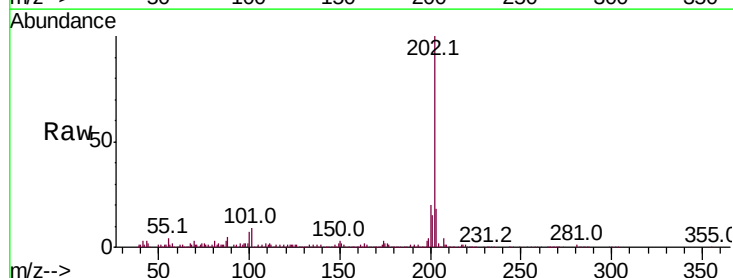
Delta R.T. -0.01 min

Lab File: BM021663.D

Acq: 26 Jul 2019 07:58

Tgt Ion:202 Resp: 314655

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.2	10.8
100	7.0	5.6	8.4

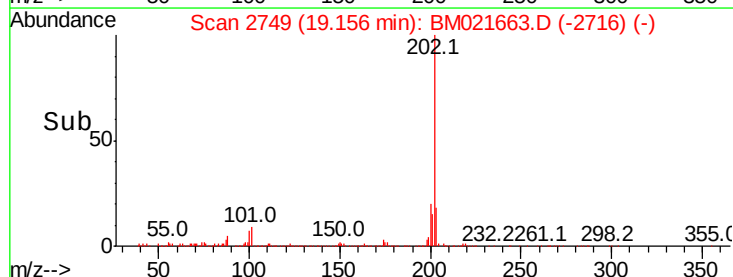
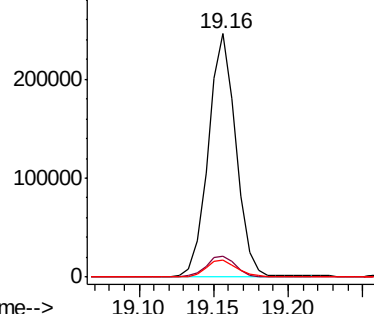


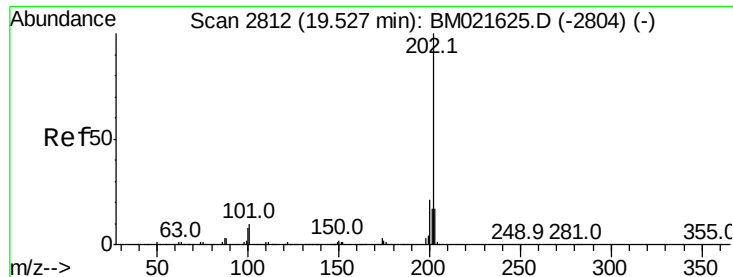
Abundance

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





#79

Pvrene

Concen: 3.519 ng/ul

RT: 19.52 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM021663.D

Acq: 26 Jul 2019 07:58

Instrument :

BNA_M

ClientSampleId :

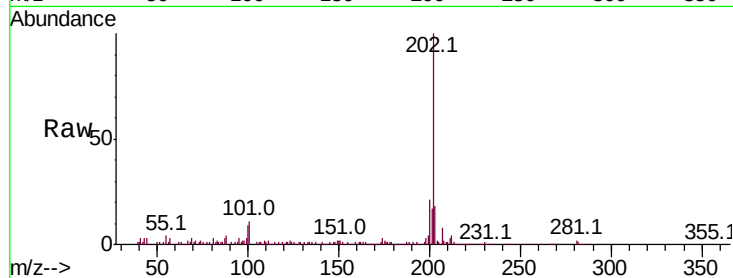
Tot Ion:202 Resp: 244912

Ion Ratio Lower Upper

202 100

101 10.8 8.6 13.0

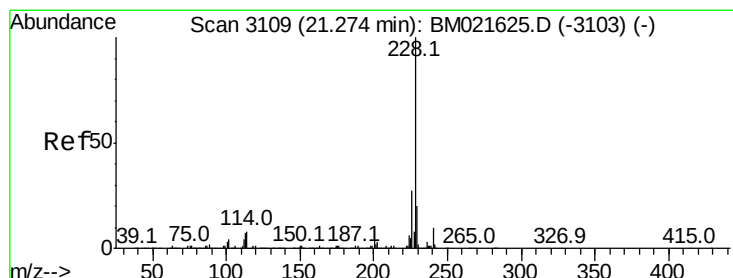
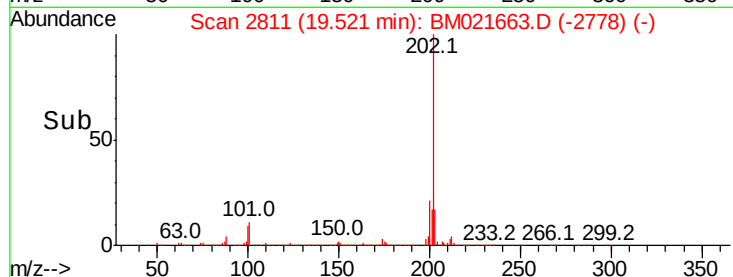
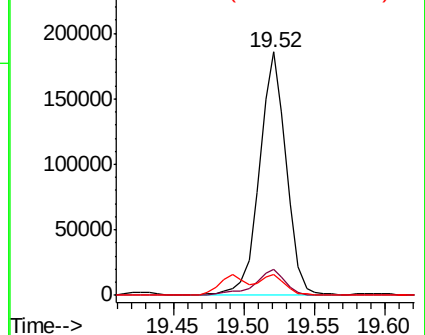
100 8.8 7.1 10.7



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



#82

Benzo(a)anthracene

Concen: 2.077 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM021663.D

Acq: 26 Jul 2019 07:58

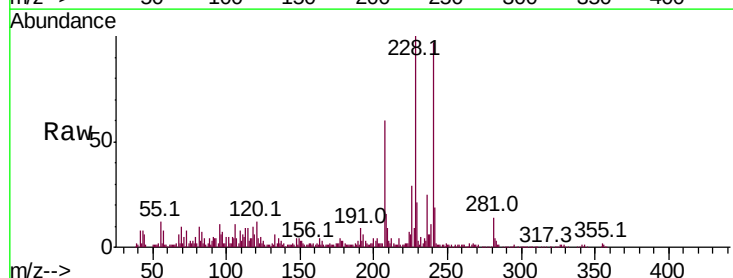
Tgt Ion:228 Resp: 159097

Ion Ratio Lower Upper

228 100

229 20.8 15.8 23.6

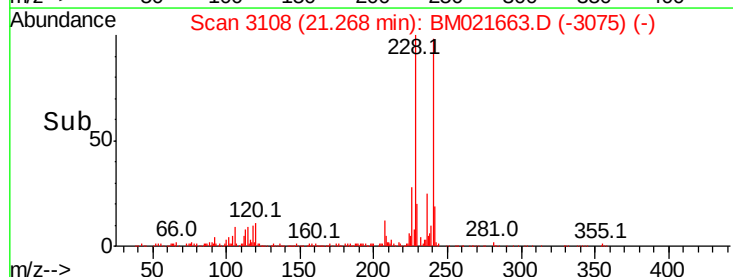
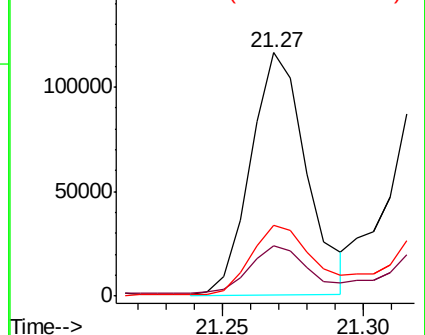
226 29.0 21.7 32.5

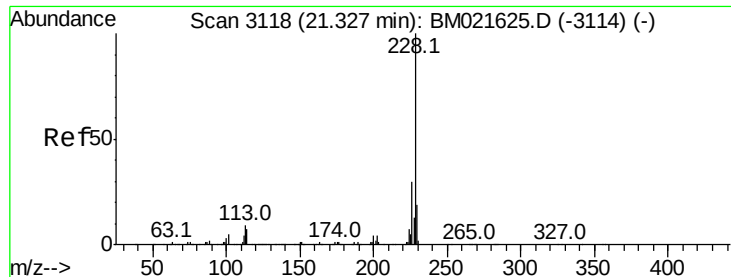


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 2.055 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021663.D

Acq: 26 Jul 2019 07:58

Instrument :

BNA_M

ClientSampleId :

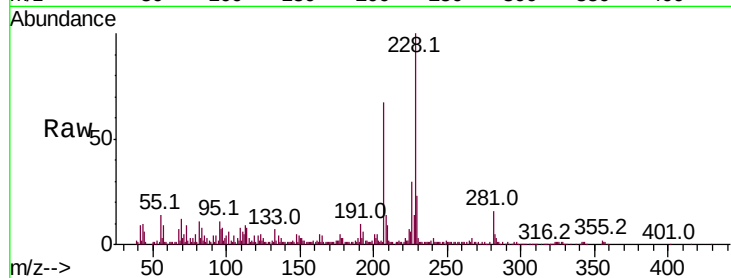
Tot Ion:228 Resp: 150121

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 22.6 15.4 23.2

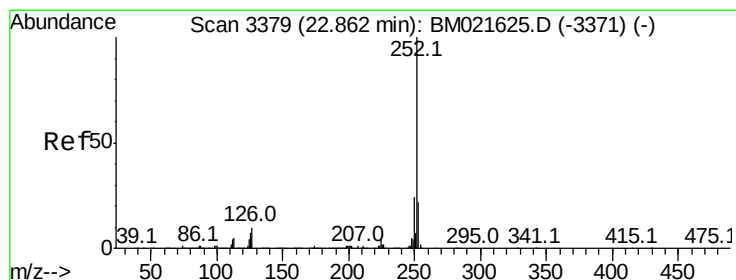
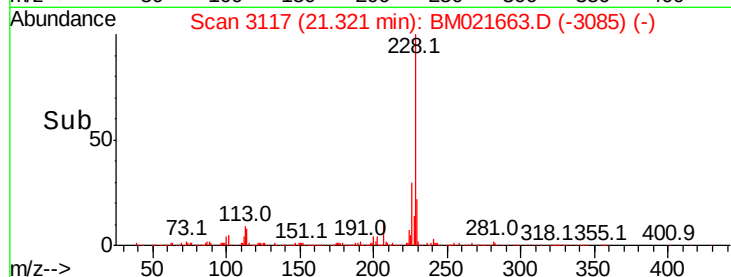
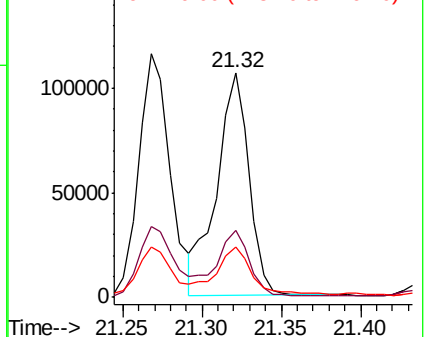


Abundance

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: 2.864 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM021663.D

Acq: 26 Jul 2019 07:58

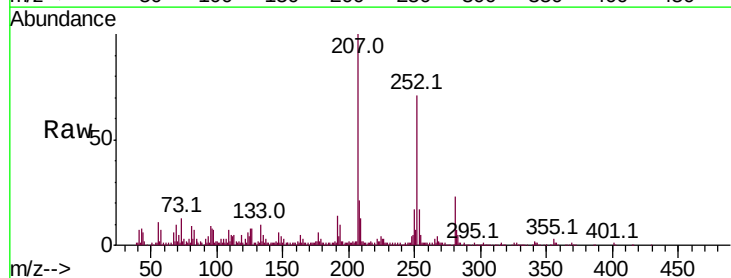
Tgt Ion:252 Resp: 204852

Ion Ratio Lower Upper

252 100

253 23.8 17.6 26.4

125 11.6 5.8 8.6#

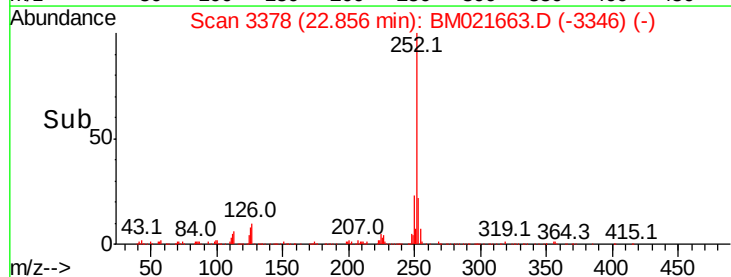
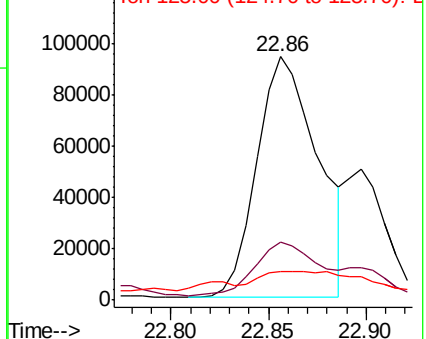


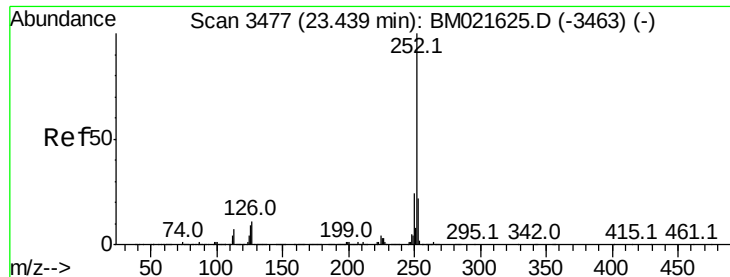
Abundance

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





#90

Benzo(a)pyrene

Concen: 1.777 ng/ul

RT: 23.43 min Scan# 3476

Delta R.T. -0.01 min

Lab File: BM021663.D

Acq: 26 Jul 2019 07:58

Instrument :

BNA_M

ClientSampleId :

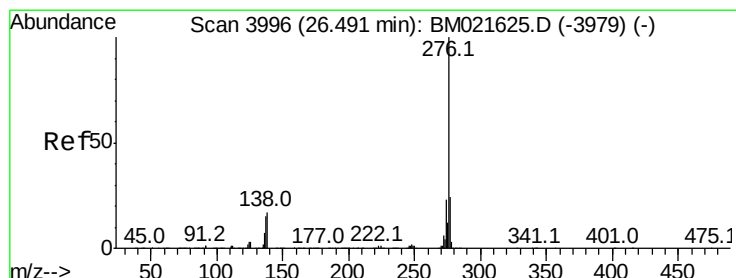
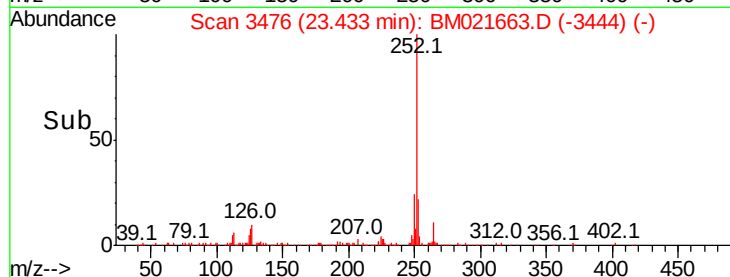
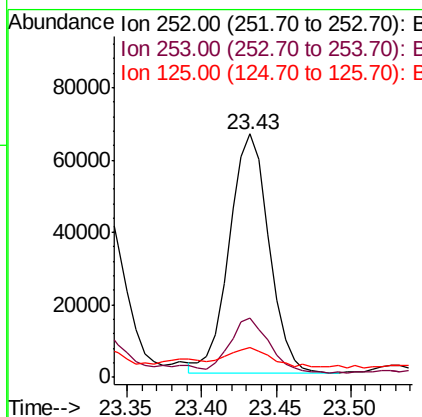
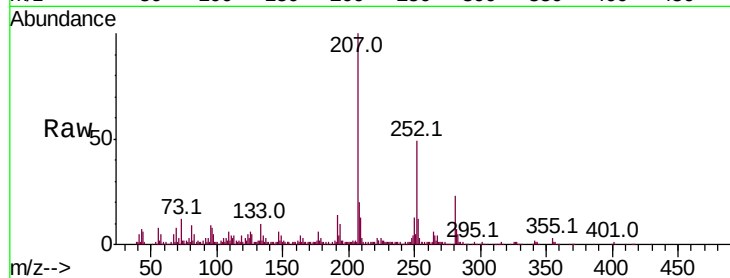
Tot Ion:252 Resp: 122030

Ion Ratio Lower Upper

252 100

253 24.4 17.8 26.6

125 12.4 7.0 10.4#



#93

Benzo(g,h,i)perylene

Concen: 1.024 ng/ul

RT: 26.48 min Scan# 3994

Delta R.T. -0.01 min

Lab File: BM021663.D

Acq: 26 Jul 2019 07:58

Tgt Ion:276 Resp: 69148

Ion Ratio Lower Upper

276 100

138 20.4 13.7 20.5

277 26.3 19.0 28.6

