

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021658.D
 Acq On : 26 Jul 2019 04:56
 Operator : HP/JU
 Sample : K3893-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 26 05:47:00 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	130940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	616005	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	455031	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1087462	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1288433	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1347707	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	7849	3.27	ng/uL	0.00
5) Phenol-d5	6.87	99	200171	18.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	122558	19.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	172024	19.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	163751	17.26	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	93135	20.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	107799	22.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	218124	19.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	240663	22.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	817998	20.98	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	901910	19.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	60126	8.99	ng/ul	0.01
57) Fluorene-d10	15.34	176	734811	20.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	53891	7.91	ng/ul	0.00
70) Anthracene-d10	17.19	188	1290782	24.13	ng/ul	0.00
78) Pyrene-d10	19.49	212	1656362	26.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1805819	25.10	ng/ul	-0.01

Target Compounds

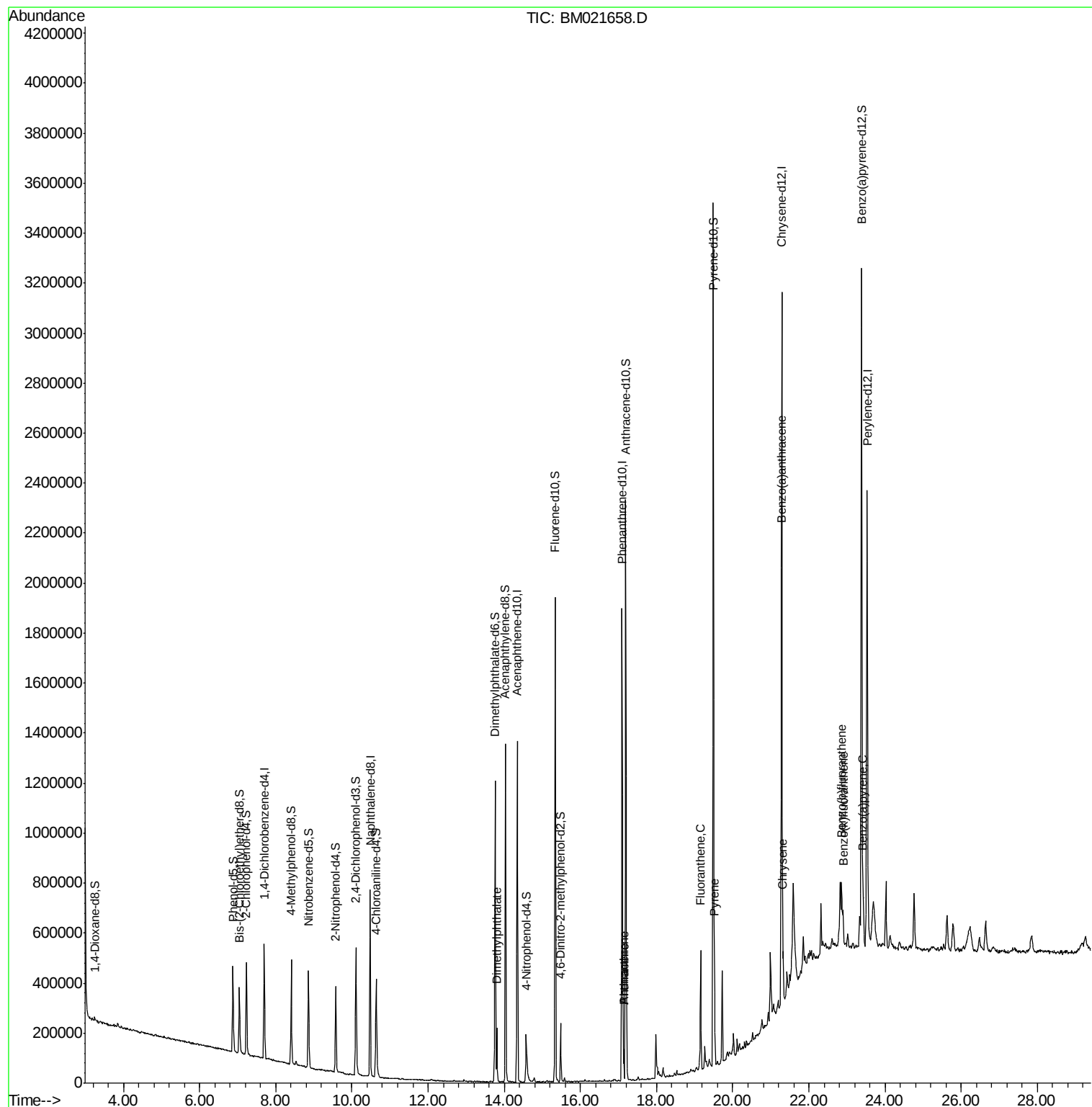
					Ovalue
44) Dimethylphthalate	13.80	163	137450	3.672 ng/ul	99
69) Phenanthrene	17.13	178	74524	1.256 ng/ul	98
71) Anthracene	17.13	178	74524	1.242 ng/ul	98
76) Fluoranthene	19.16	202	270600	3.679 ng/ul	99
79) Pyrene	19.52	202	223680	2.914 ng/ul	100
82) Benzo(a)anthracene	21.27	228	144213	1.707 ng/ul	98
84) Chrysene	21.32	228	151543	1.881 ng/ul	97
87) Benzo(b)fluoranthene	22.86	252	206495	2.534 ng/ul#	97
88) Benzo(k)fluoranthene	22.90	252	80815	1.011 ng/ul	95
90) Benzo(a)pyrene	23.43	252	135409	1.731 ng/ul#	98

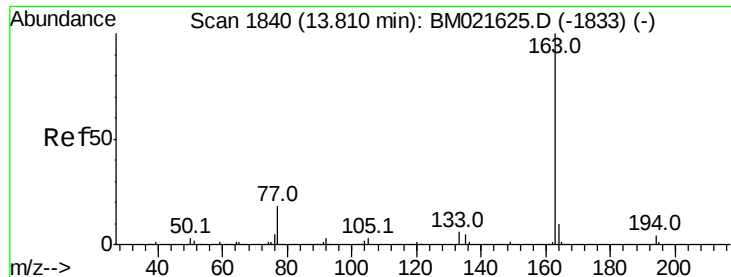
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

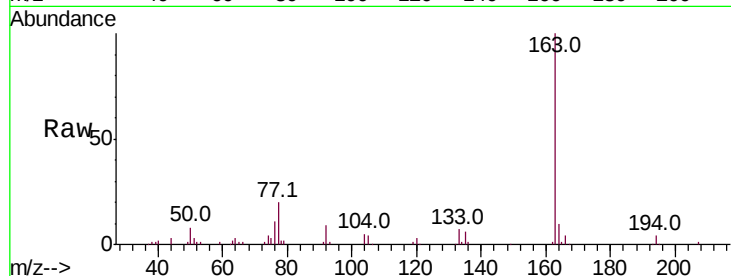




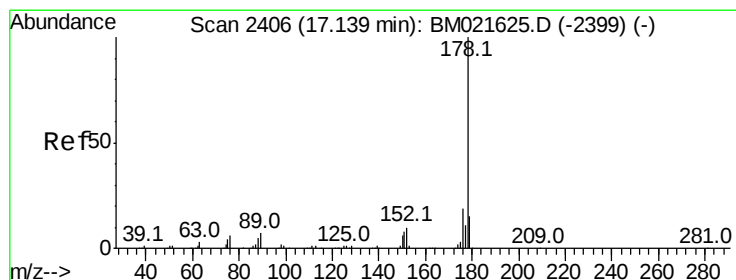
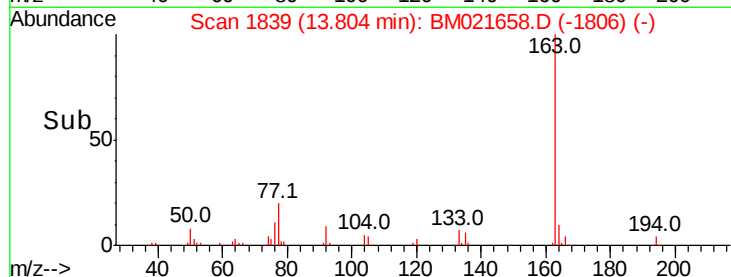
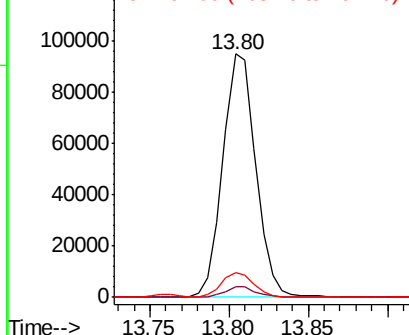
#44
Dimethylphthalate
Concen: 3.672 ng/ul
RT: 13.80 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM021658.D
Acq: 26 Jul 2019 04:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 137450
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.1 8.2 12.4

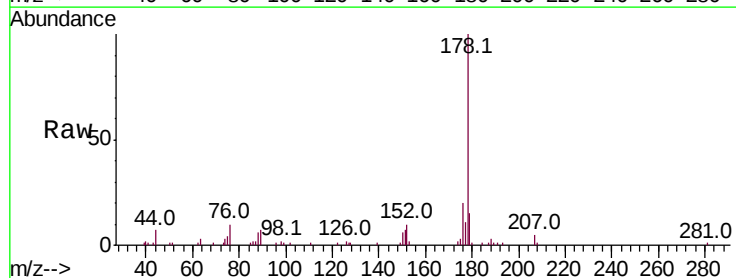


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

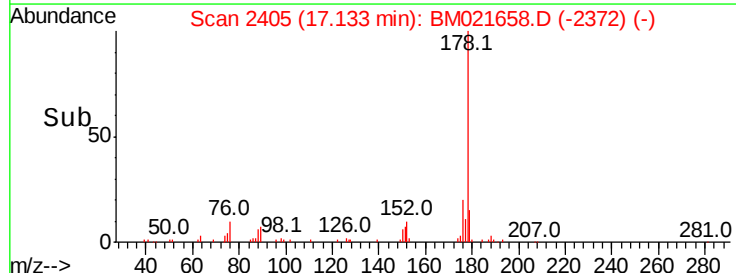
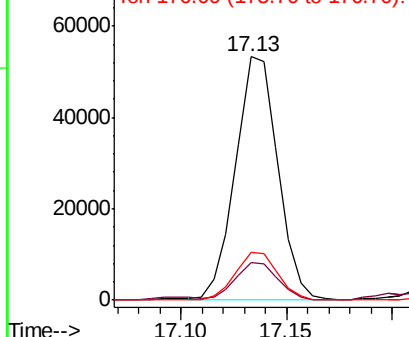


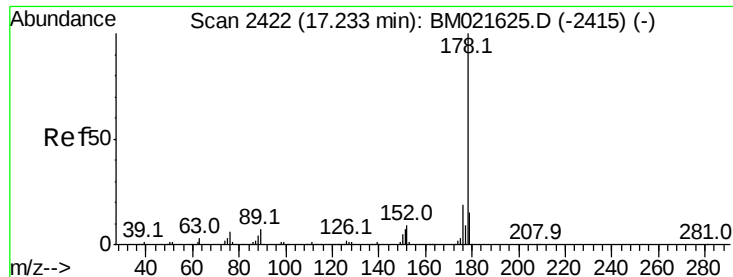
#69
Phenanthrene
Concen: 1.256 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM021658.D
Acq: 26 Jul 2019 04:56

Tgt Ion:178 Resp: 74524
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.9 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

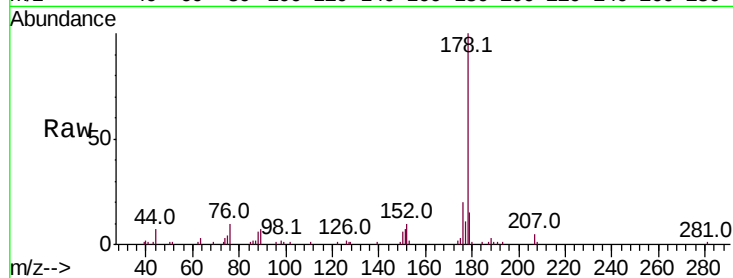




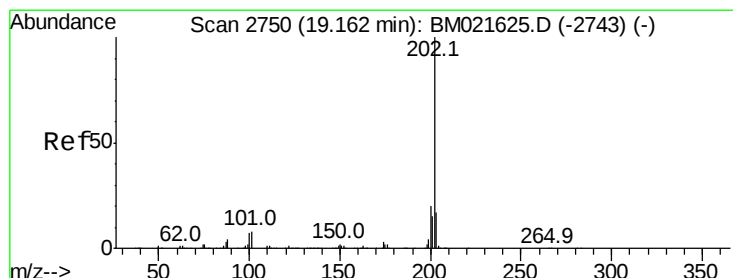
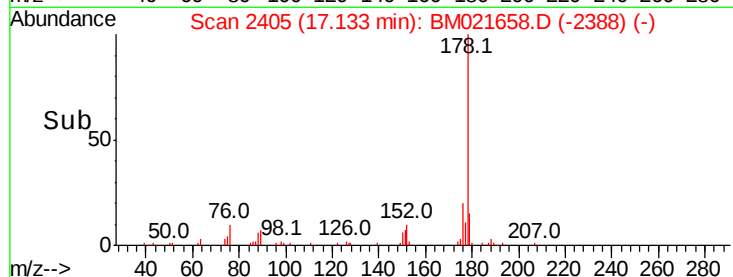
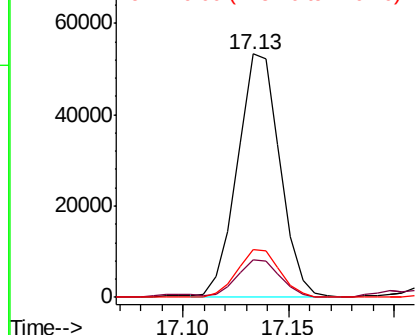
#71
 Anthracene
 Concen: 1.242 ng/ul
 RT: 17.13 min Scan# 2405
 Delta R.T. -0.10 min
 Lab File: BM021658.D
 Acq: 26 Jul 2019 04:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 74524
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.4 18.6
 176 19.9 14.6 21.8

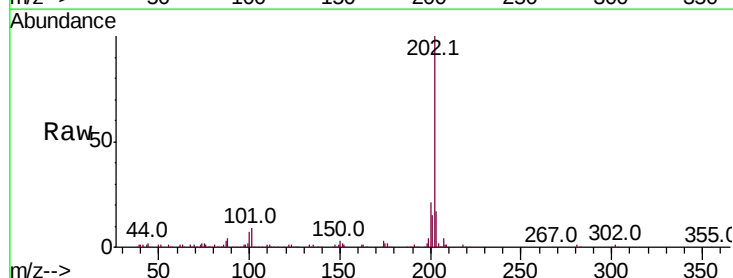


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

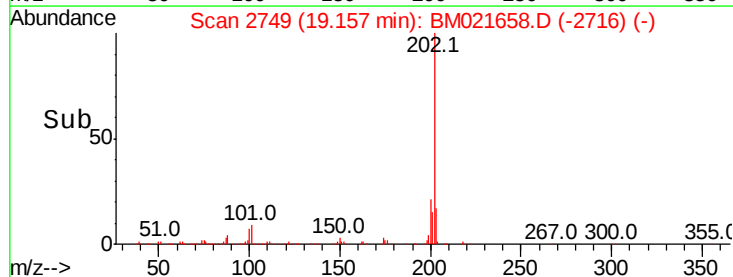
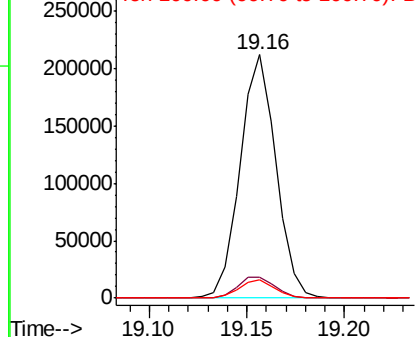


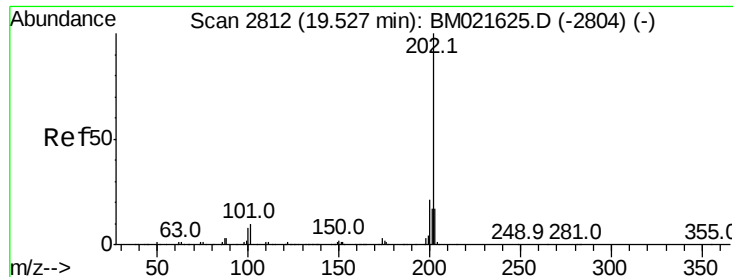
#76
 Fluoranthene
 Concen: 3.679 ng/ul
 RT: 19.16 min Scan# 2749
 Delta R.T. -0.01 min
 Lab File: BM021658.D
 Acq: 26 Jul 2019 04:56

Tgt Ion:202 Resp: 270600
 Ion Ratio Lower Upper
 202 100
 101 8.8 7.2 10.8
 100 7.4 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





#79

Pvrene

Concen: 2.914 ng/ul

RT: 19.52 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM021658.D

Acq: 26 Jul 2019 04:56

Instrument :

BNA_M

ClientSampleId :

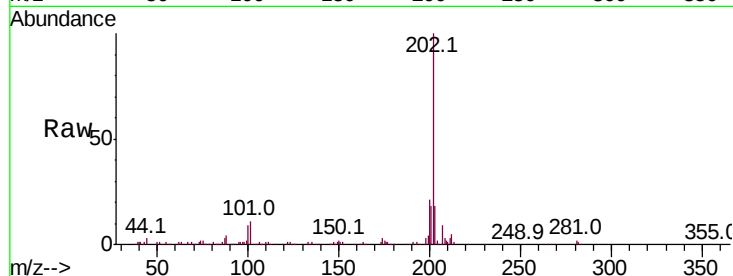
Tot Ion:202 Resp: 223680

Ion Ratio Lower Upper

202 100

101 10.8 8.6 13.0

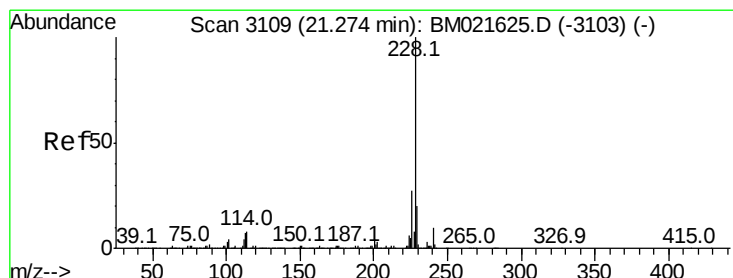
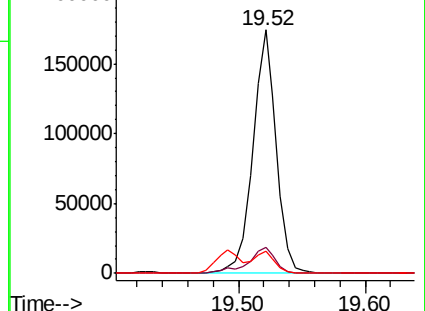
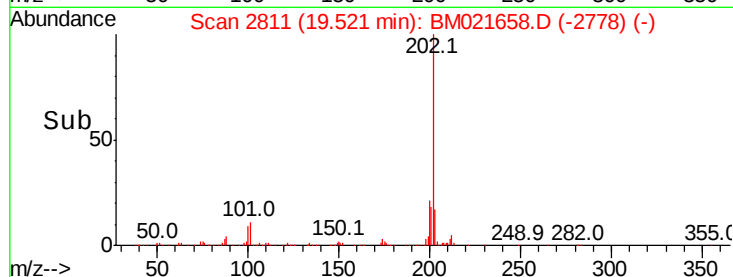
100 9.2 7.1 10.7



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): B



#82

Benzo(a)anthracene

Concen: 1.707 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM021658.D

Acq: 26 Jul 2019 04:56

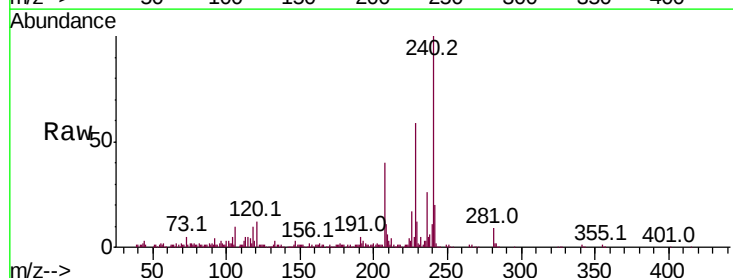
Tgt Ion:228 Resp: 144213

Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.6

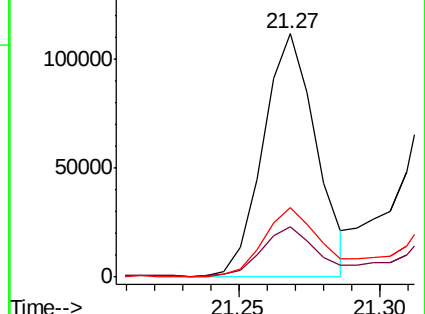
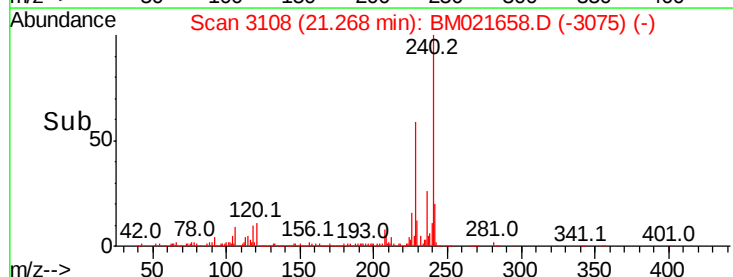
226 28.4 21.7 32.5

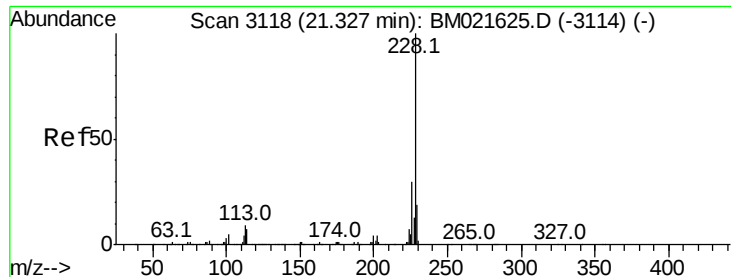


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.881 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021658.D

Acq: 26 Jul 2019 04:56

Instrument :

BNA_M

ClientSampleId :

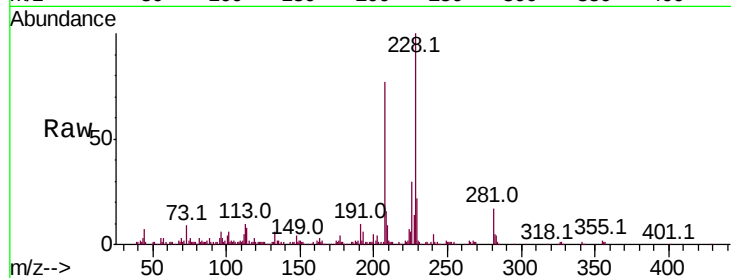
Tot Ion:228 Resp: 151543

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

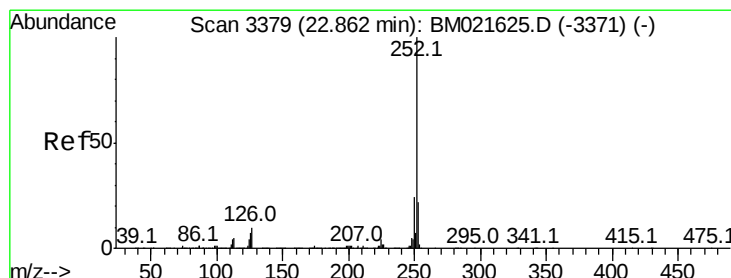
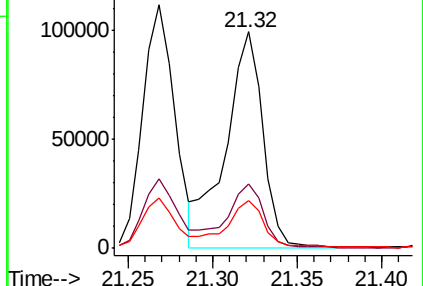
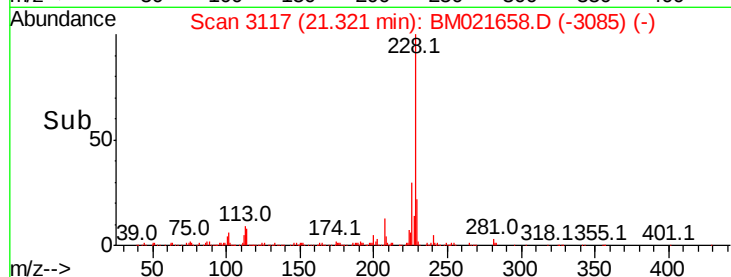
229 22.0 15.4 23.2



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: 2.534 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM021658.D

Acq: 26 Jul 2019 04:56

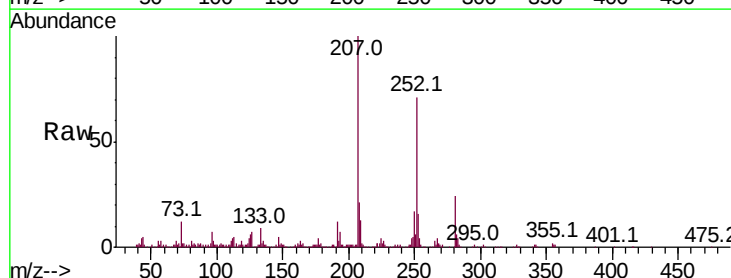
Tgt Ion:252 Resp: 206495

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

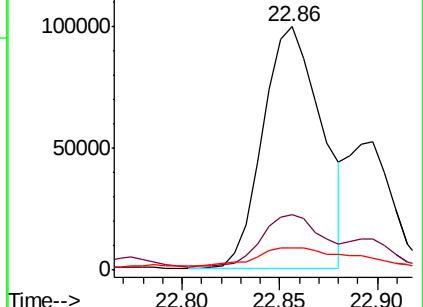
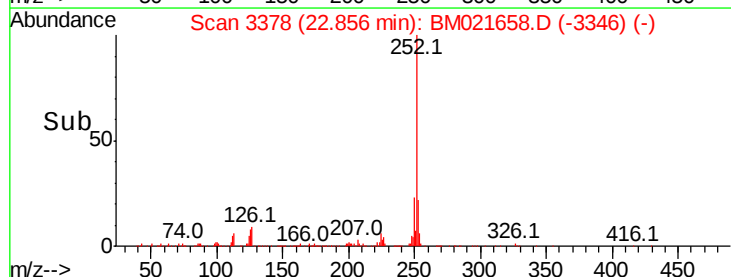
125 9.1 5.8 8.6#

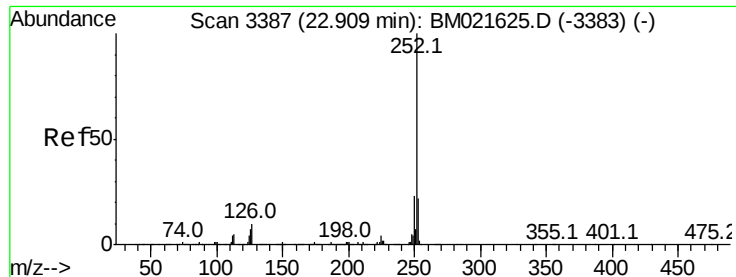


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1.011 ng/ul

RT: 22.90 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BM021658.D

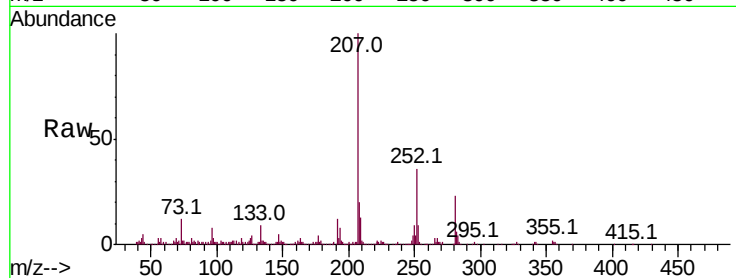
Acq: 26 Jul 2019 04:56

Instrument :

BNA_M

ClientSampleId :

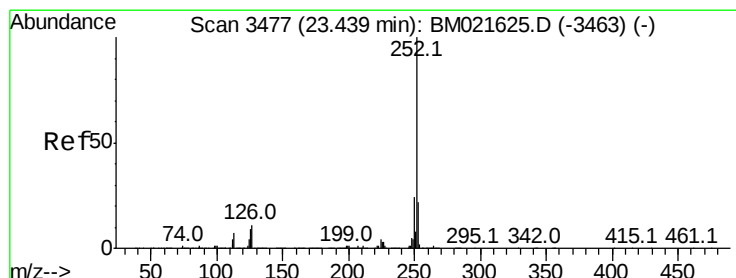
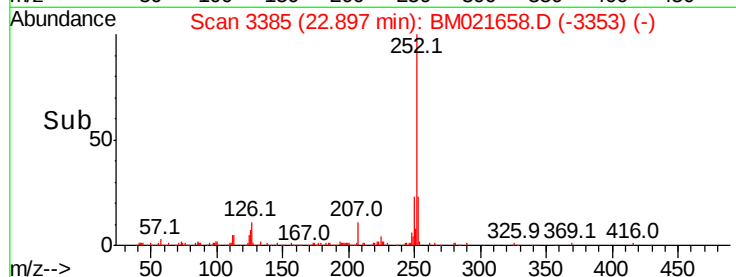
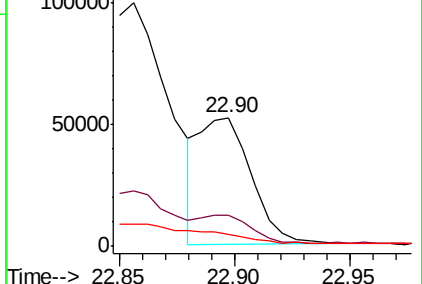
Tot Ion:252	Resp:	80815
Ion Ratio	Lower	Upper
252	100	
253	24.6	17.7 26.5
125	9.5	6.4 9.6



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: 1.731 ng/ul

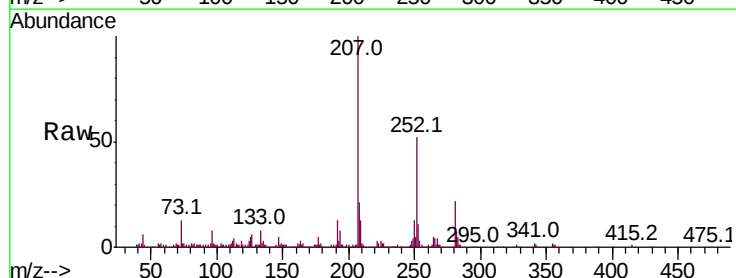
RT: 23.43 min Scan# 3476

Delta R.T. -0.01 min

Lab File: BM021658.D

Acq: 26 Jul 2019 04:56

Tgt Ion:252	Resp:	135409
Ion Ratio	Lower	Upper
252	100	
253	21.9	17.8 26.6
125	10.5	7.0 10.4#



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

