

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021651.D
 Acq On : 26 Jul 2019 00:06
 Operator : HP/JU
 Sample : K3850-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 26 01:10:11 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	125423	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	593813	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	441892	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1057954	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1249252	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1324239	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	8261	3.59	ng/uL	0.00
5) Phenol-d5	6.87	99	188237	17.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	123521	20.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	168529	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	160799	17.70	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	93450	21.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	108201	22.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	210476	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	243832	23.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	792852	20.94	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	871043	18.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	50852	7.83	ng/ul	0.01
57) Fluorene-d10	15.34	176	716389	20.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	43928	6.63	ng/ul	0.00
70) Anthracene-d10	17.20	188	1254752	24.11	ng/ul	0.00
78) Pyrene-d10	19.50	212	1617942	26.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1784076	25.23	ng/ul	0.00

Target Compounds

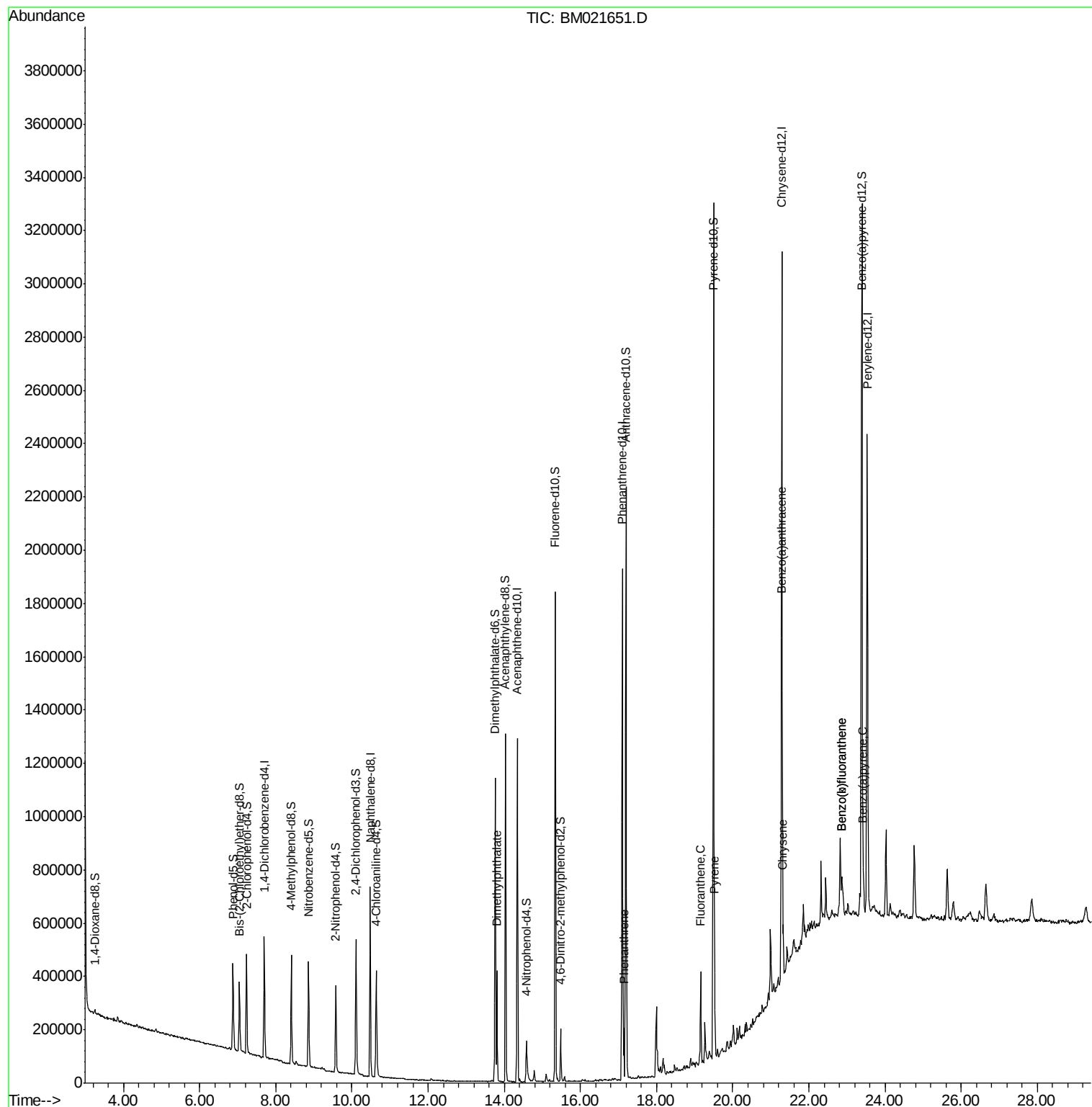
					Ovalue
44) Dimethylphthalate	13.81	163	278995	7.676	ng/ul 99
69) Phenanthrene	17.14	178	111841	1.938	ng/ul 99
76) Fluoranthene	19.16	202	195241	2.729	ng/ul 98
79) Pyrene	19.52	202	218482	2.936	ng/ul 99
82) Benzo(a)anthracene	21.27	228	133962	1.636	ng/ul 99
84) Chrysene	21.32	228	124237	1.591	ng/ul 97
87) Benzo(b)fluoranthene	22.86	252	137737	1.720	ng/ul# 92
88) Benzo(k)fluoranthene	22.86	252	137737	1.754	ng/ul# 93
90) Benzo(a)pyrene	23.43	252	101828	1.325	ng/ul 96

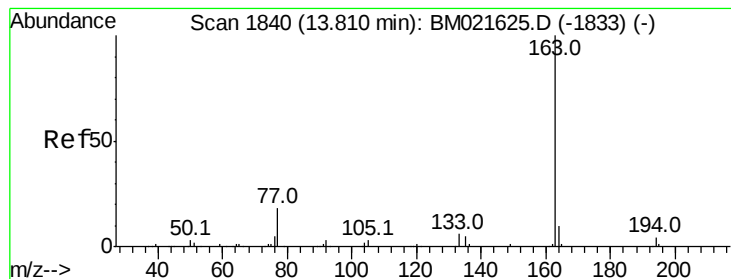
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 7.676 ng/ul

RT: 13.81 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BM021651.D

Acq: 26 Jul 2019 00:06

Instrument :

BNA_M

ClientSampled :

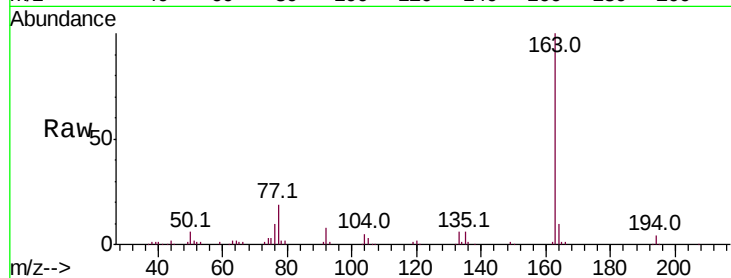
Tot Ion:163 Resp: 278995

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

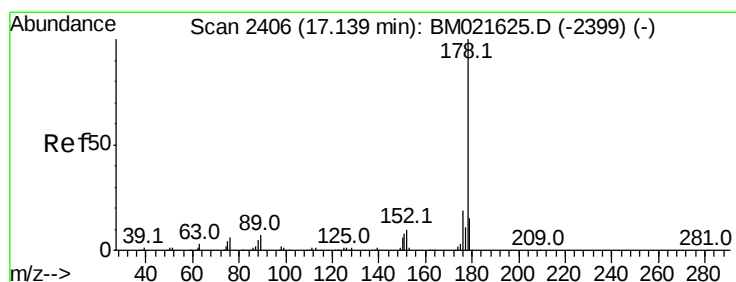
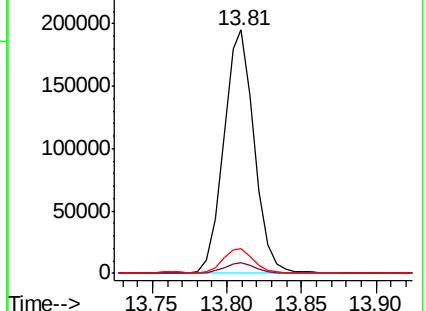
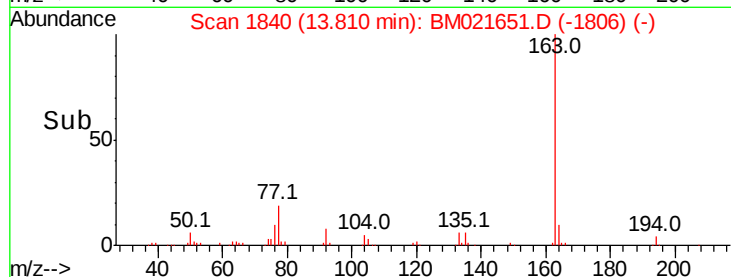
164 10.0 8.2 12.4



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: 1.938 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BM021651.D

Acq: 26 Jul 2019 00:06

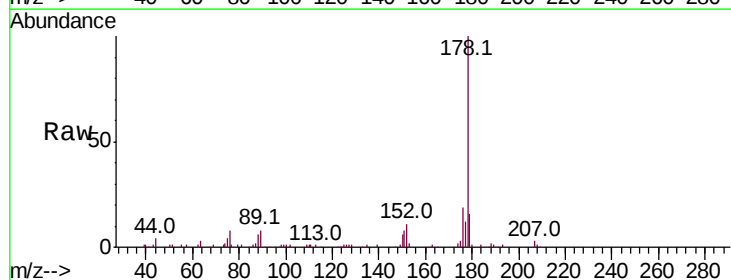
Tgt Ion:178 Resp: 111841

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.2

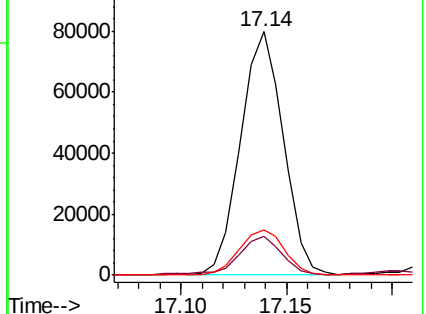
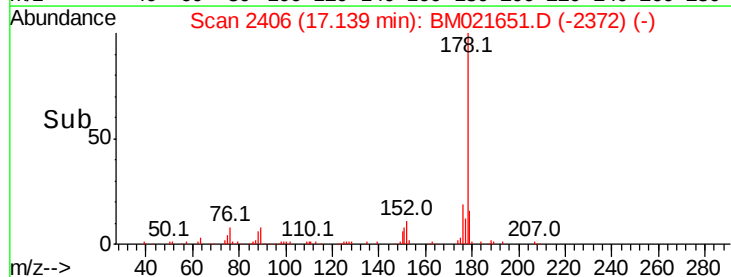
176 18.7 15.0 22.4

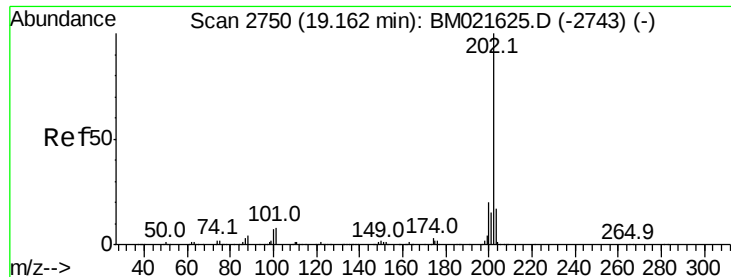


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 2.729 ng/ul

RT: 19.16 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BM021651.D

Acq: 26 Jul 2019 00:06

Instrument :

BNA_M

ClientSampleId :

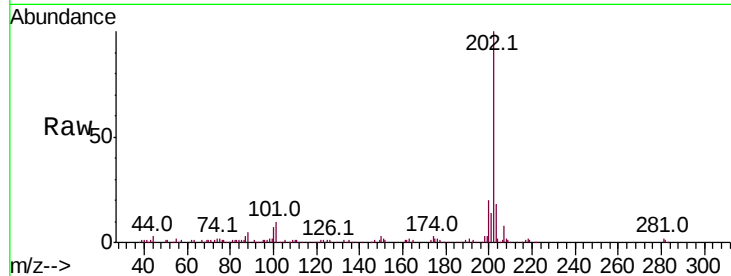
Tot Ion:202 Resp: 195241

Ion Ratio Lower Upper

202 100

101 10.2 7.2 10.8

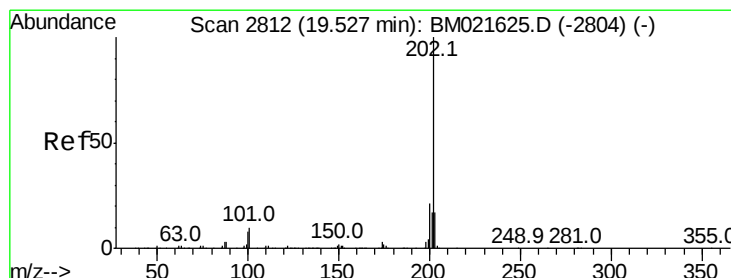
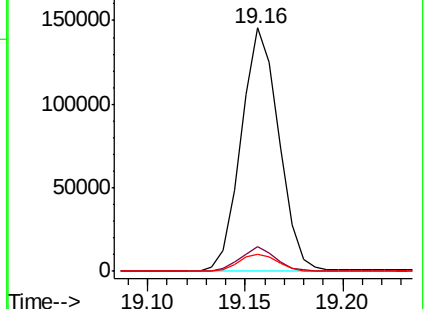
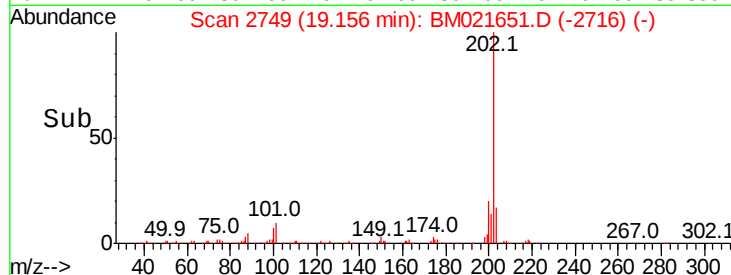
100 6.9 5.6 8.4



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

Pyrene

Concen: 2.936 ng/ul

RT: 19.52 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM021651.D

Acq: 26 Jul 2019 00:06

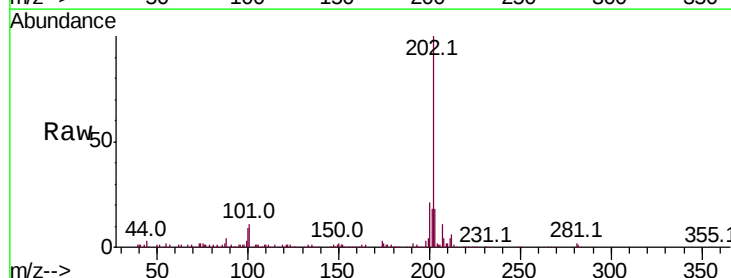
Tgt Ion:202 Resp: 218482

Ion Ratio Lower Upper

202 100

101 11.0 8.6 13.0

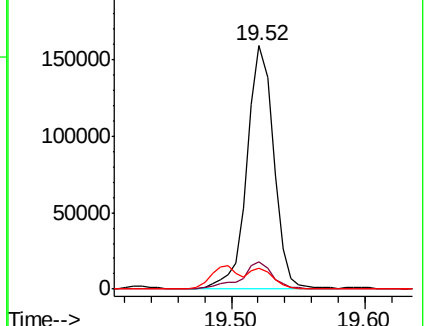
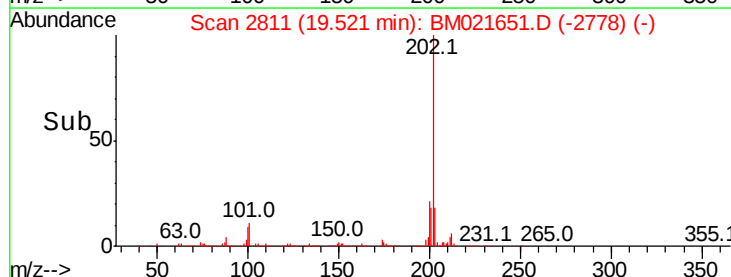
100 8.6 7.1 10.7

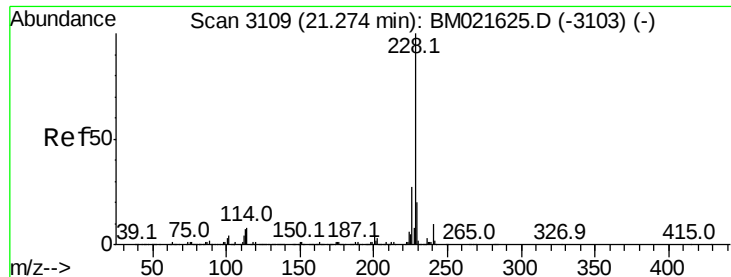


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

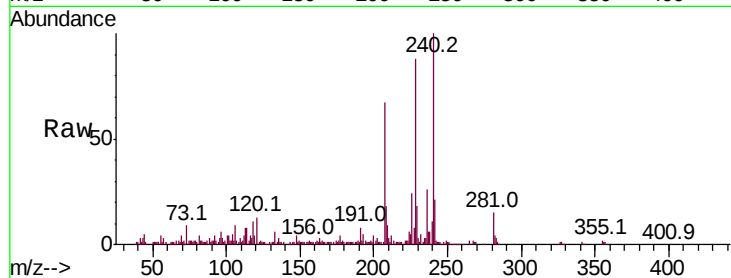




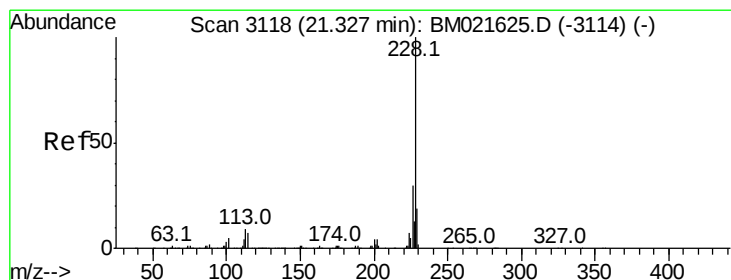
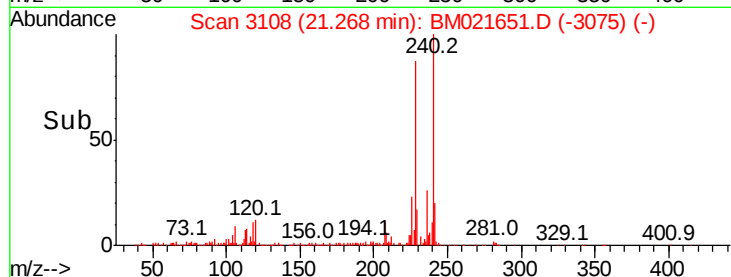
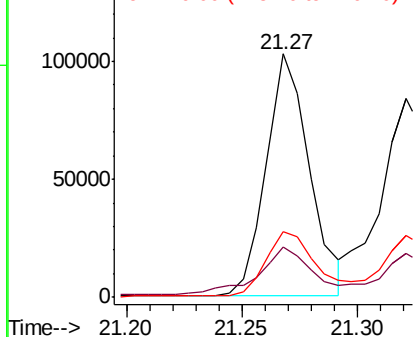
#82
Benzo(a)anthracene
Concen: 1.636 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM021651.D
Acq: 26 Jul 2019 00:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:228 Resp: 133962
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 26.9 21.7 32.5

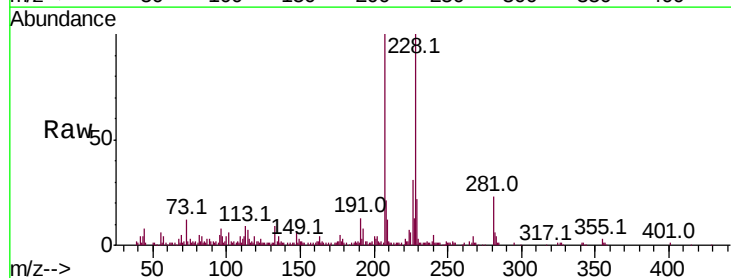


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

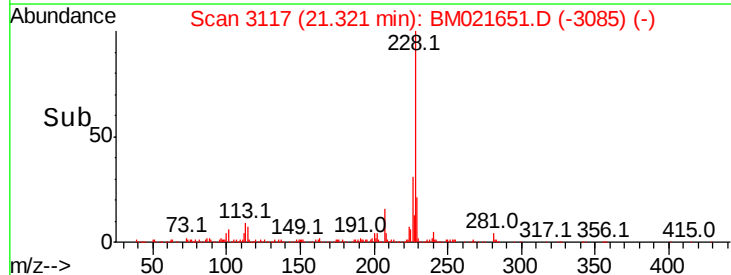
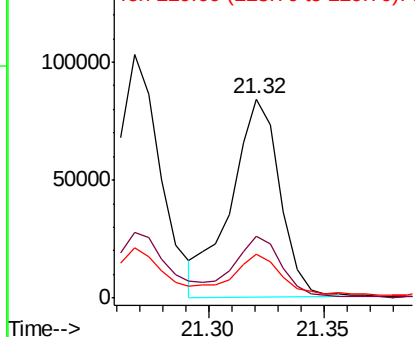


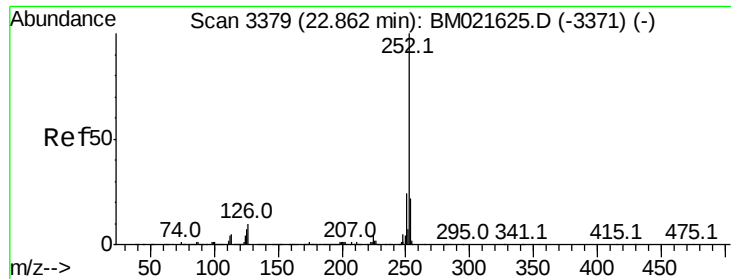
#84
Chrysene
Concen: 1.591 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021651.D
Acq: 26 Jul 2019 00:06

Tgt Ion:228 Resp: 124237
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 21.9 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

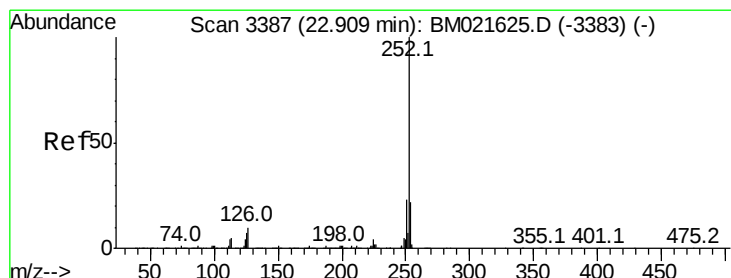
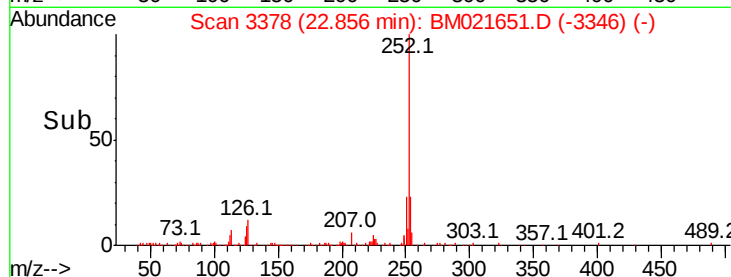
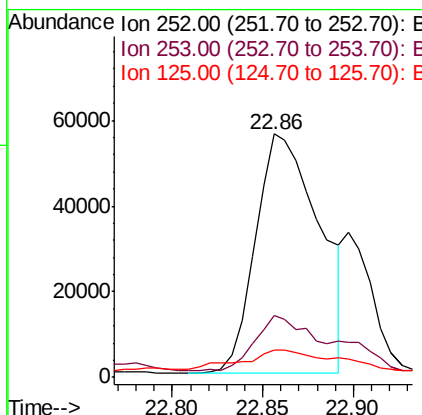
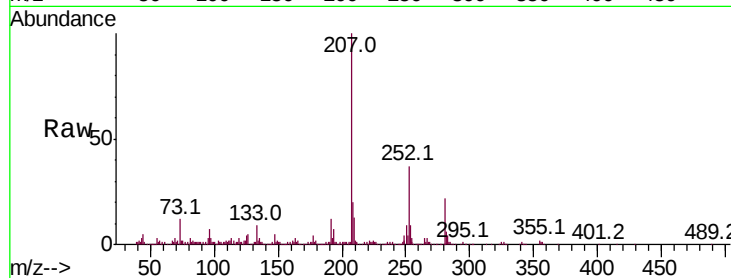




#87
Benzo(b)fluoranthene
Concen: 1.720 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BM021651.D
Acq: 26 Jul 2019 00:06

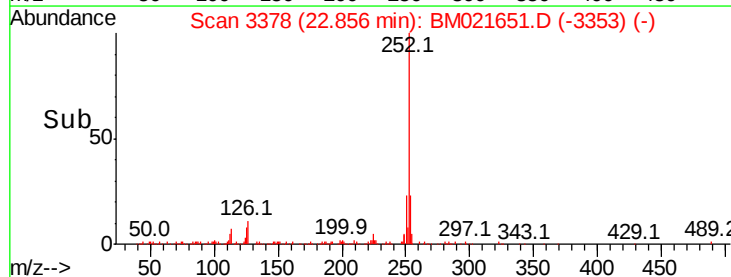
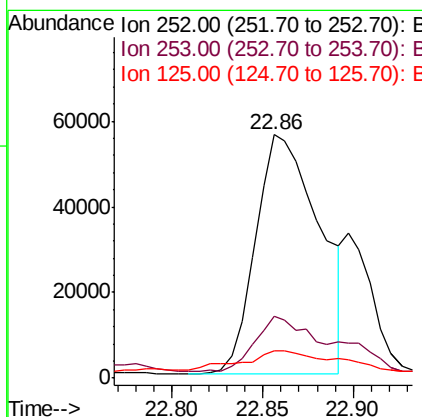
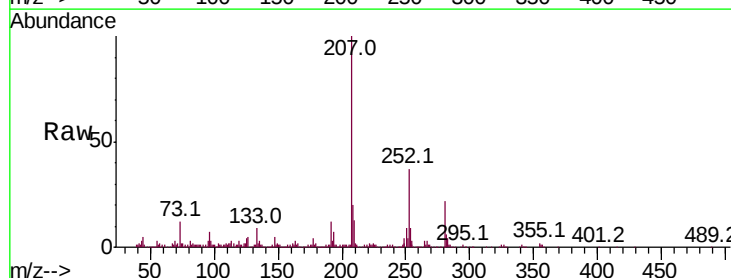
Instrument :
BNA_M
ClientSampleId :

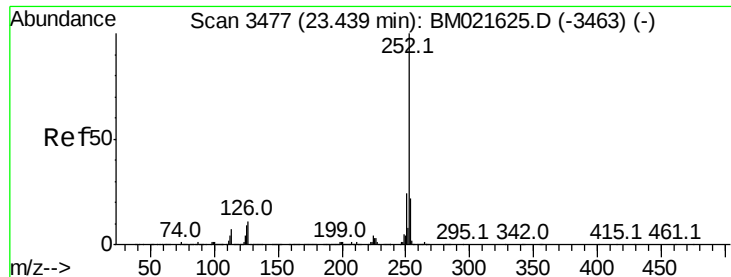
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.6	26.4
125	11.4	5.8	8.6#



#88
Benzo(k)fluoranthene
Concen: 1.754 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.05 min
Lab File: BM021651.D
Acq: 26 Jul 2019 00:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.7	26.5
125	11.4	6.4	9.6#





#90

Benzo(a)pyrene

Concen: 1.325 ng/ul

RT: 23.43 min Scan# 3476

Delta R.T. -0.01 min

Lab File: BM021651.D

Acq: 26 Jul 2019 00:06

Instrument :

BNA_M

ClientSampleId :

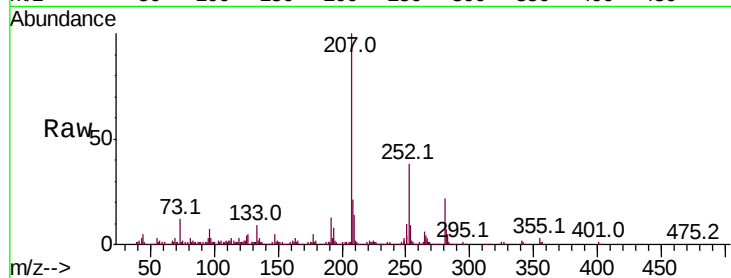
Tot Ion:252 Resp: 101828

Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.6

125 10.2 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

