

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021645.D
 Acq On : 25 Jul 2019 20:27
 Operator : HP/JU
 Sample : K3850-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 26 01:09:22 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	109478	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	493756	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	356822	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	864440	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1079635	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1244146	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	6160	3.07	ng/uL	0.00
5) Phenol-d5	6.87	99	124875	13.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	82238	15.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	111164	15.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	103669	13.07	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	59397	16.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	65724	16.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	134889	15.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	154284	18.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	497591	16.28	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	559744	15.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	26800	5.11	ng/ul	0.02
57) Fluorene-d10	15.34	176	459594	16.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	18324	3.38	ng/ul	0.00
70) Anthracene-d10	17.19	188	805439	18.94	ng/ul	0.00
78) Pyrene-d10	19.49	212	1108250	21.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1362062	20.50	ng/ul	0.00

Target Compounds

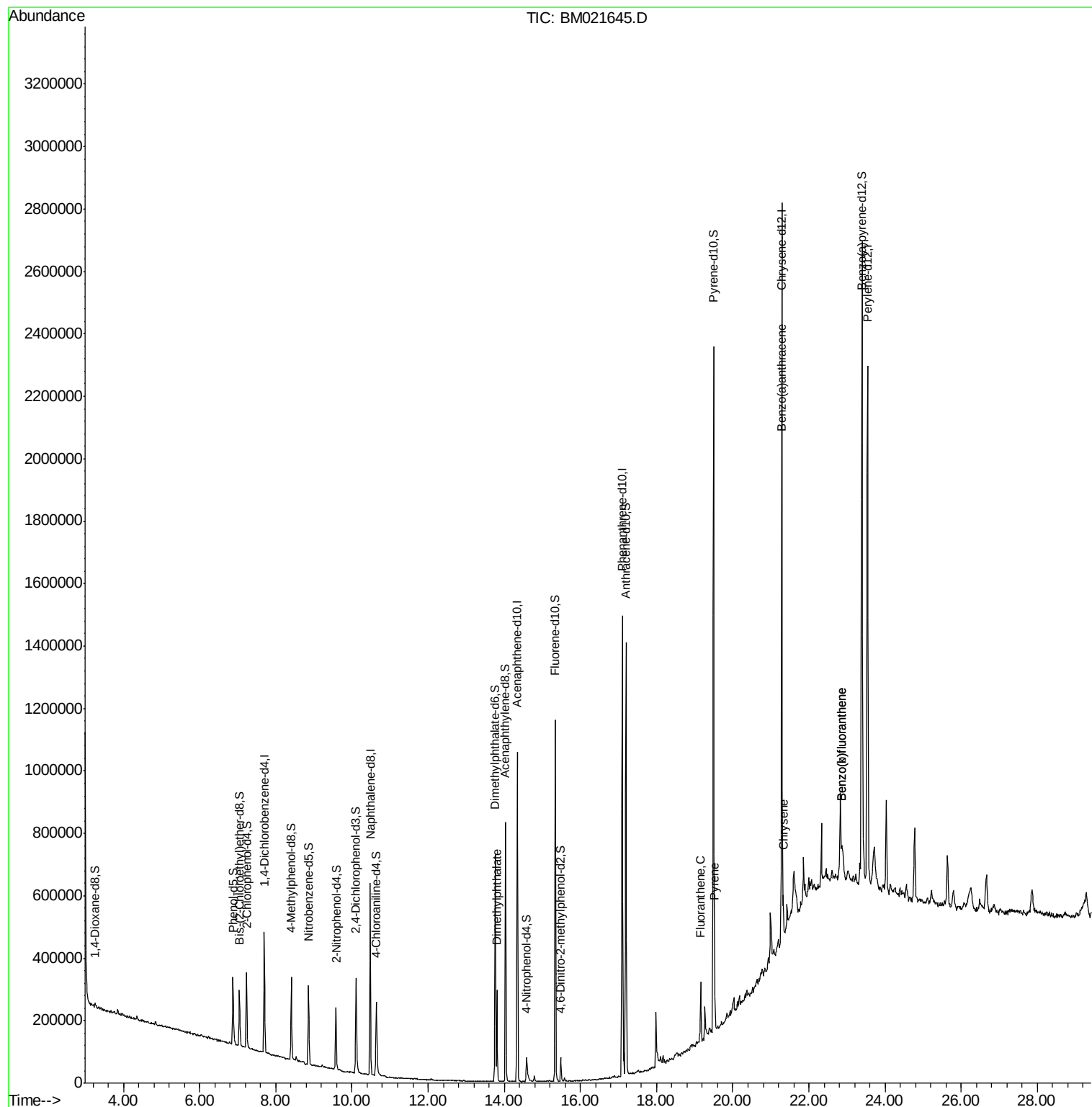
					Ovalue
44) Dimethylphthalate	13.81	163	189579	6.459 ng/ul	99
76) Fluoranthene	19.16	202	107304	1.835 ng/ul	98
79) Pyrene	19.52	202	117267	1.823 ng/ul	98
82) Benzo(a)anthracene	21.27	228	78726	1.112 ng/ul	99
84) Chrysene	21.33	228	75669	1.121 ng/ul	97
87) Benzo(b)fluoranthene	22.86	252	93296	1.240 ng/ul#	94
88) Benzo(k)fluoranthene	22.86	252	93296	1.264 ng/ul#	94

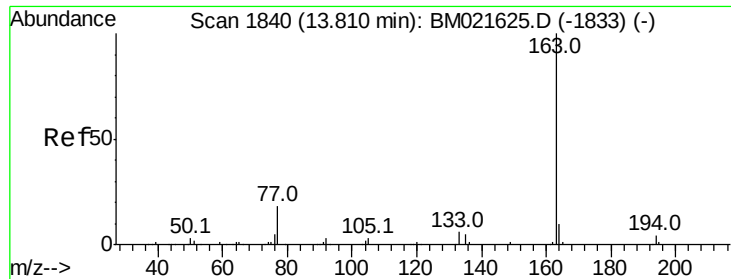
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 6.459 ng/ul

RT: 13.81 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BM021645.D

Acq: 25 Jul 2019 20:27

Instrument :

BNA_M

ClientSampleId :

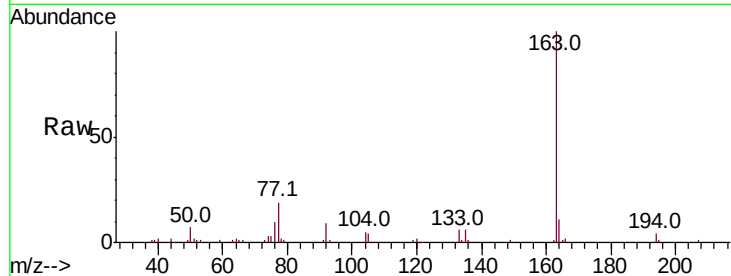
Tot Ion:163 Resp: 189579

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

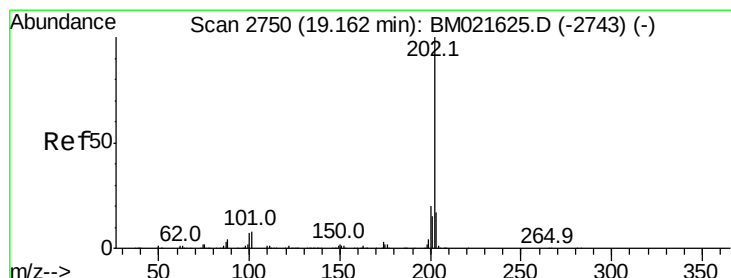
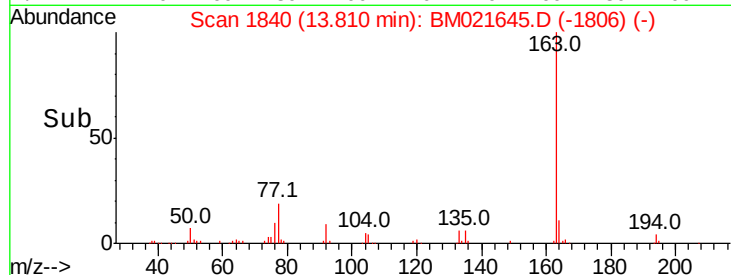
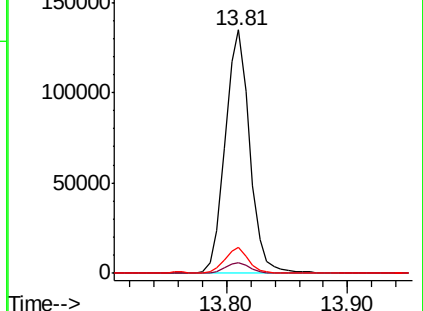
164 10.9 8.2 12.4



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



#76

Fluoranthene

Concen: 1.835 ng/ul

RT: 19.16 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BM021645.D

Acq: 25 Jul 2019 20:27

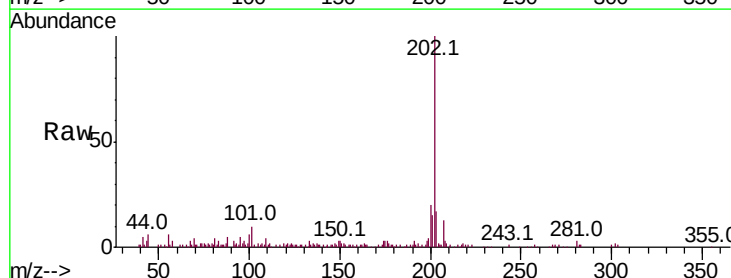
Tgt Ion:202 Resp: 107304

Ion Ratio Lower Upper

202 100

101 9.7 7.2 10.8

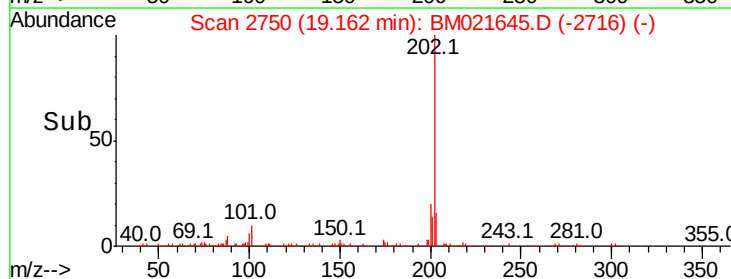
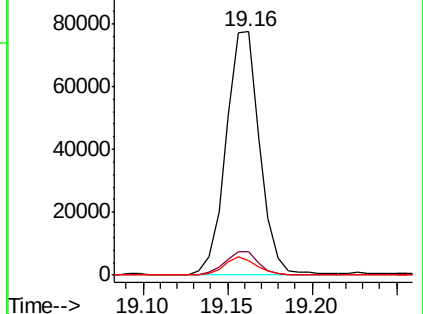
100 6.1 5.6 8.4

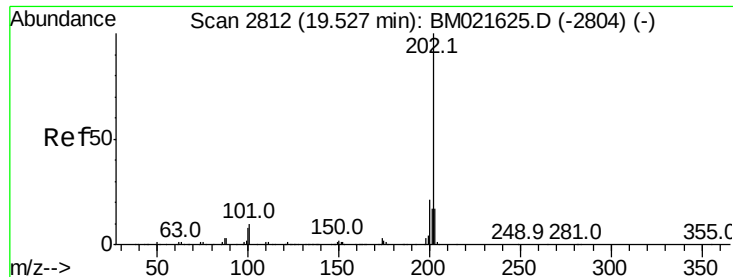


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 1.823 ng/ul

RT: 19.52 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM021645.D

Acq: 25 Jul 2019 20:27

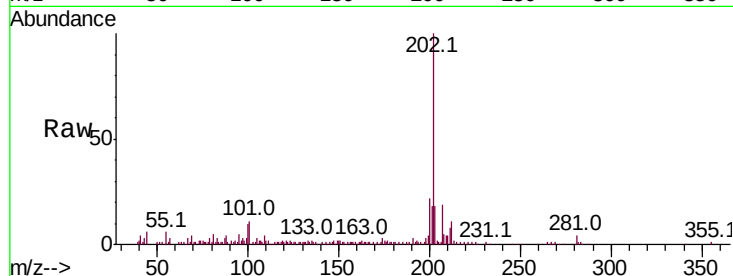
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 117267

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.6	13.0
100	10.2	7.1	10.7

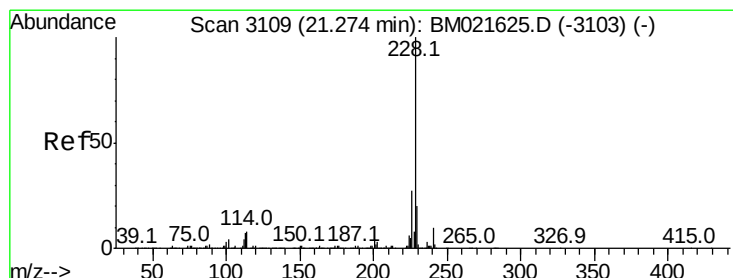
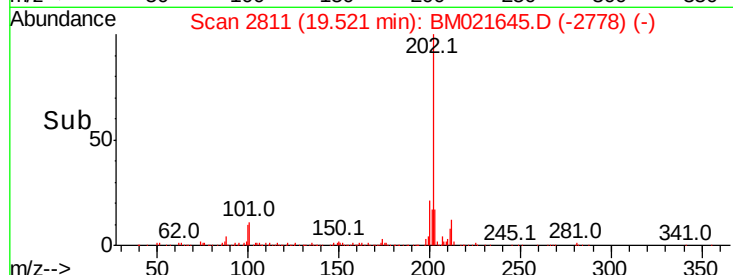
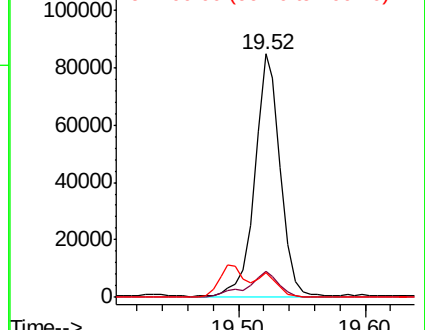


Abundance

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: 1.112 ng/ul

RT: 21.27 min Scan# 3109

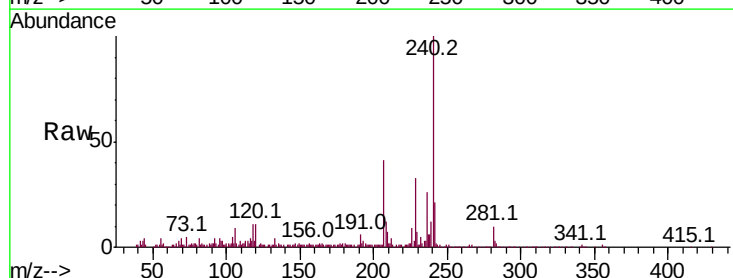
Delta R.T. 0.00 min

Lab File: BM021645.D

Acq: 25 Jul 2019 20:27

Tgt Ion:228 Resp: 78726

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	28.0	21.7	32.5

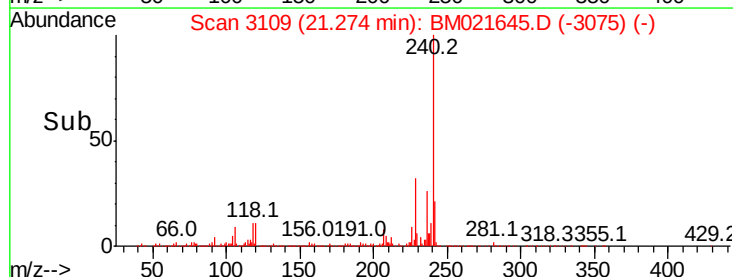
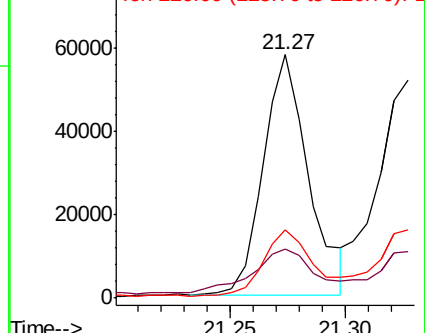


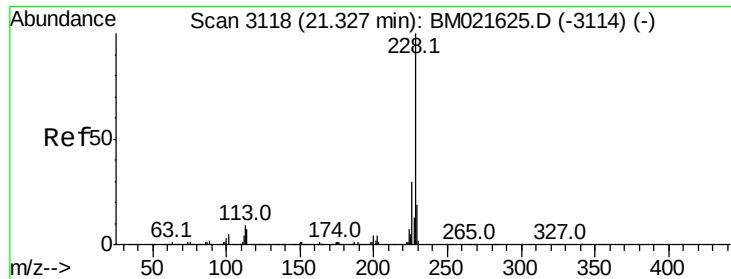
Abundance

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: 1.121 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM021645.D

Acq: 25 Jul 2019 20:27

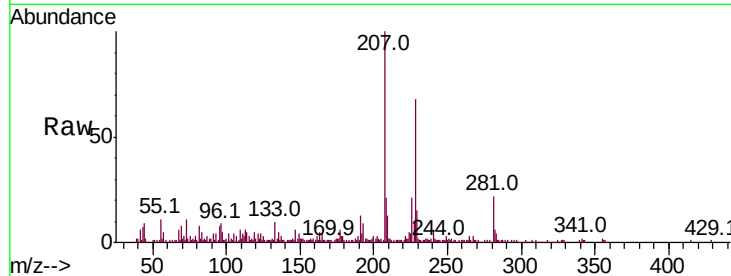
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 75669

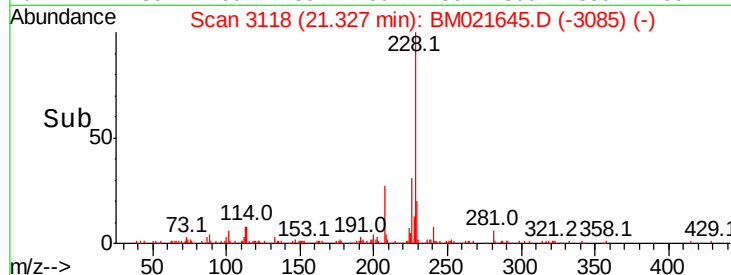
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.2
229	21.4	15.4	23.2



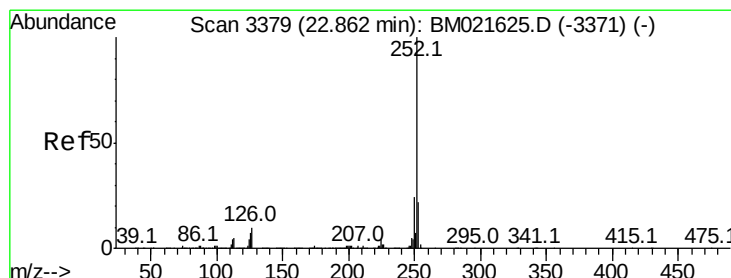
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#87

Benzo(b)fluoranthene

Concen: 1.240 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. -0.01 min

Lab File: BM021645.D

Acq: 25 Jul 2019 20:27

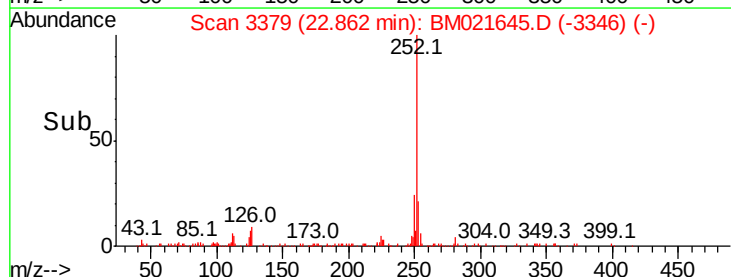
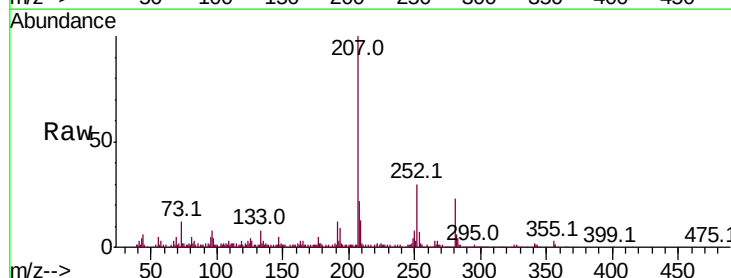
Tgt Ion:252 Resp: 93296

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	11.9	5.8	8.6#

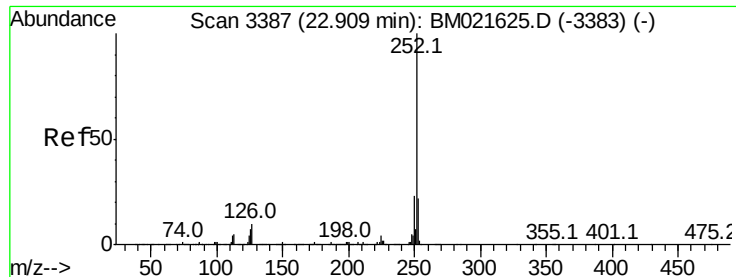
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 1.264 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. -0.05 min

Lab File: BM021645.D

Acq: 25 Jul 2019 20:27

Instrument :

BNA_M

ClientSampleId :

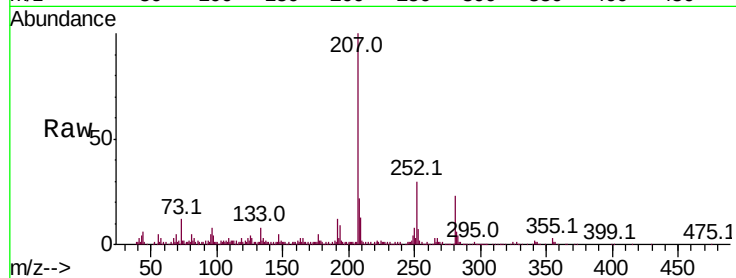
Tot Ion:252 Resp: 93296

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 11.9 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

