

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021659.D
 Acq On : 26 Jul 2019 05:33
 Operator : HP/JU
 Sample : K3893-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 26 08:03:58 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	131679	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	624643	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.34	164	460286	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1097556	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1288314	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1357773	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	7426	3.07	ng/uL	0.00
5) Phenol-d5	6.88	99	193077	17.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	122213	18.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	166982	19.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	168984	17.71	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	92218	19.95	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.57	143	103312	20.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	206492	18.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	239821	22.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	748411	18.98	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	855875	17.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	45726	6.76	ng/ul	0.01
57) Fluorene-d10	15.34	176	693229	19.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	40308	5.86	ng/ul	0.00
70) Anthracene-d10	17.19	188	1136776	21.05	ng/ul	0.00
78) Pyrene-d10	19.49	212	1401011	22.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1469511	20.27	ng/ul	-0.01

Target Compounds

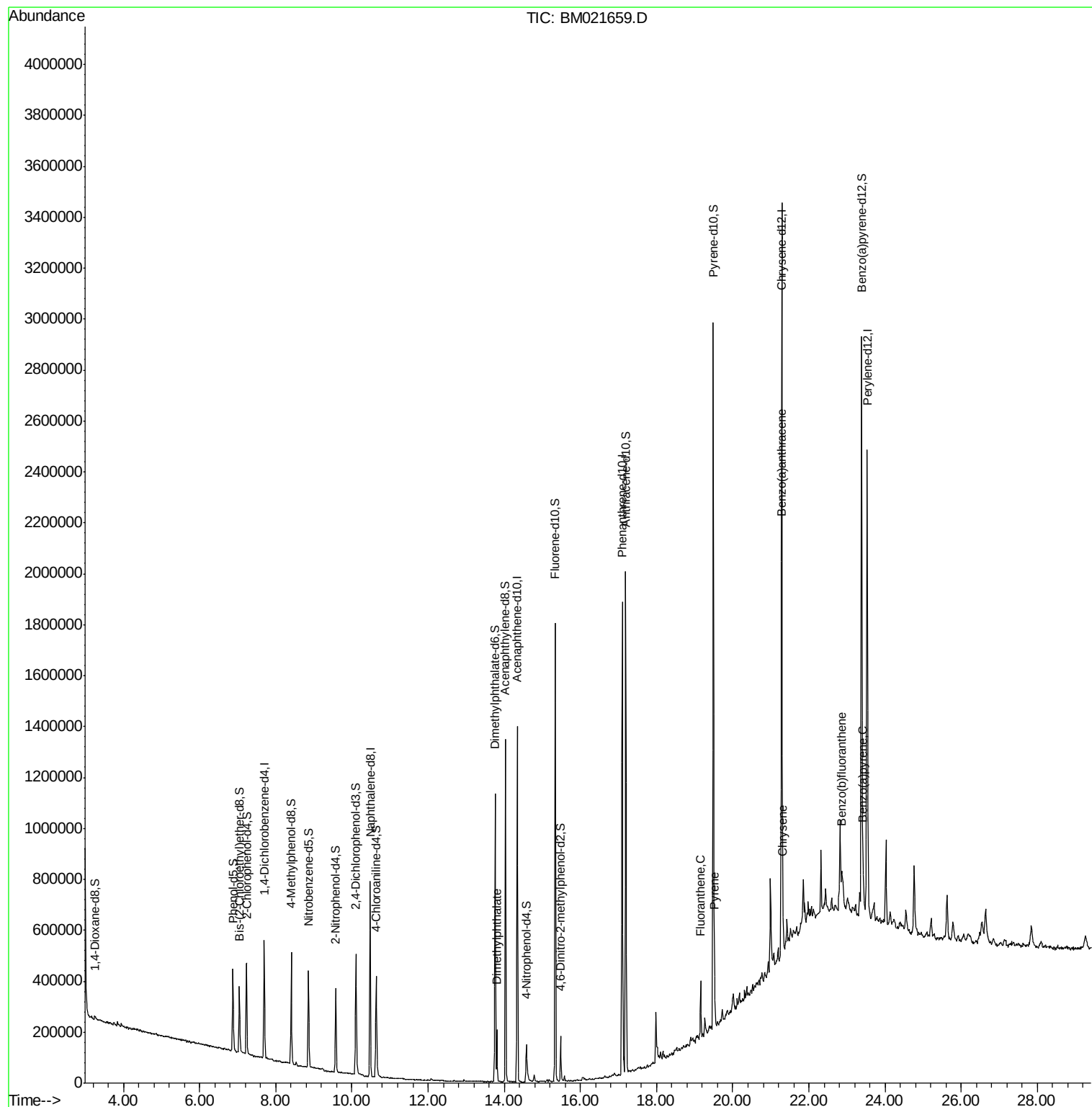
					Ovalue
44) Dimethylphthalate	13.80	163	136340	3.601	ng/ul 98
76) Fluoranthene	19.16	202	128732	1.734	ng/ul 100
79) Pyrene	19.52	202	149557	1.949	ng/ul 98
82) Benzo(a)anthracene	21.27	228	106876	1.265	ng/ul 98
84) Chrysene	21.32	228	103727	1.288	ng/ul 97
87) Benzo(b)fluoranthene	22.86	252	129136	1.573	ng/ul# 95
90) Benzo(a)pyrene	23.43	252	91413	1.160	ng/ul# 91

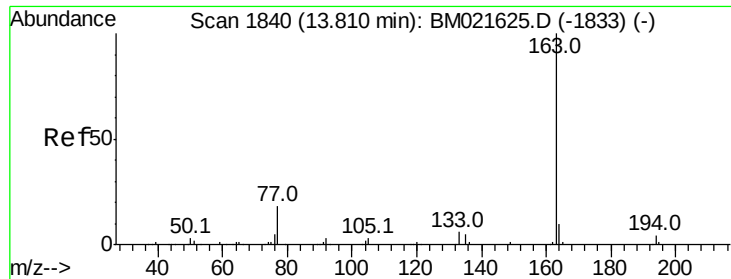
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 3.601 ng/ul

RT: 13.80 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BM021659.D

Acq: 26 Jul 2019 05:33

Instrument :

BNA_M

ClientSampleId :

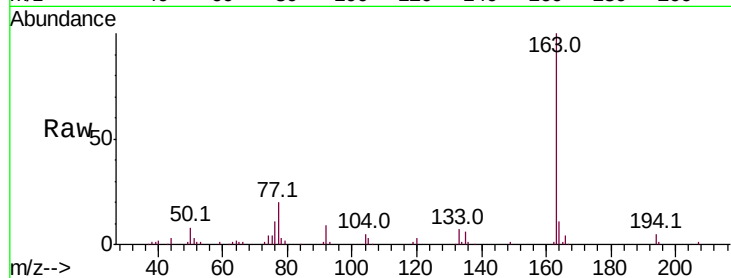
Tot Ion:163 Resp: 136340

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

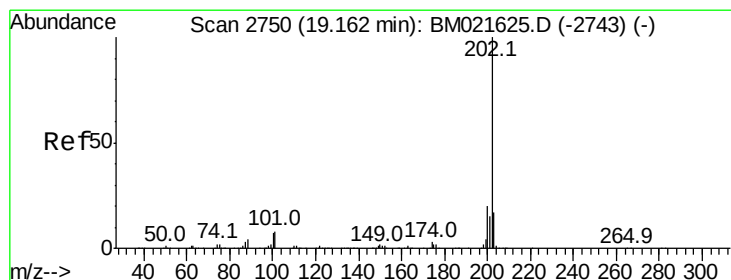
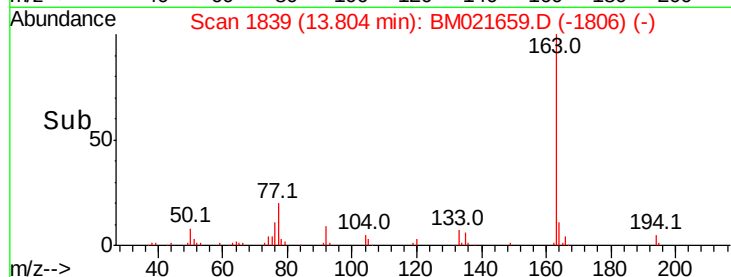
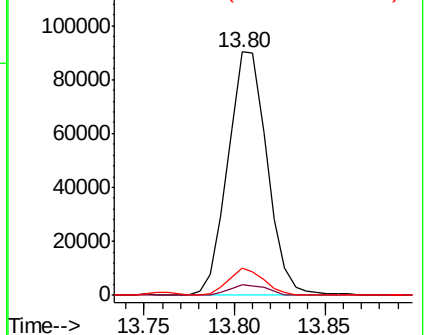
164 11.0 8.2 12.4



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



#76

Fluoranthene

Concen: 1.734 ng/ul

RT: 19.16 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BM021659.D

Acq: 26 Jul 2019 05:33

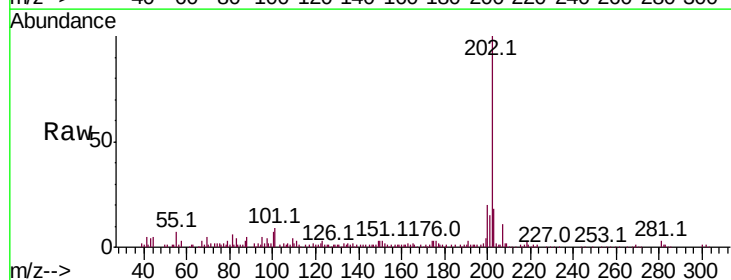
Tgt Ion:202 Resp: 128732

Ion Ratio Lower Upper

202 100

101 8.9 7.2 10.8

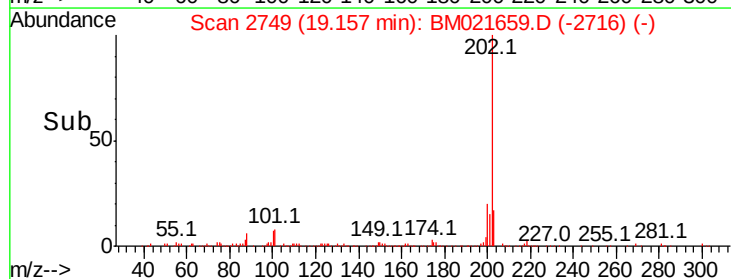
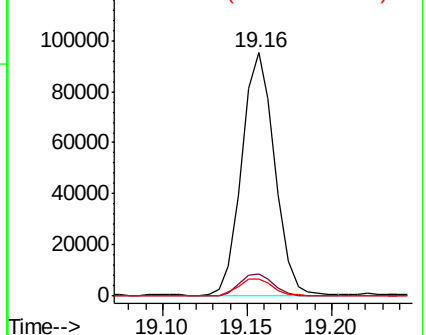
100 7.0 5.6 8.4

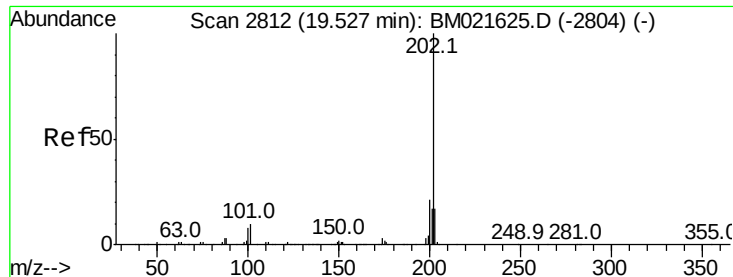


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 1.949 ng/ul

RT: 19.52 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM021659.D

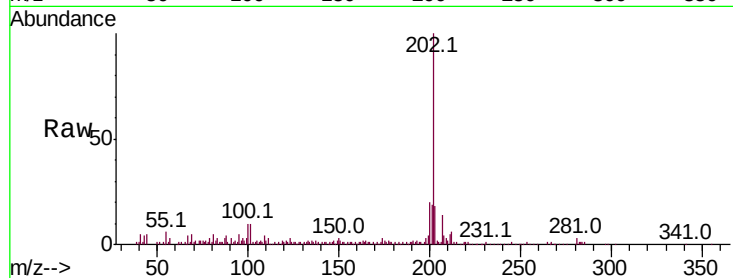
Acq: 26 Jul 2019 05:33

Instrument :

BNA_M

ClientSampled :

Tot Ion:	202	Resp:	149557
Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.6	13.0
100	9.5	7.1	10.7



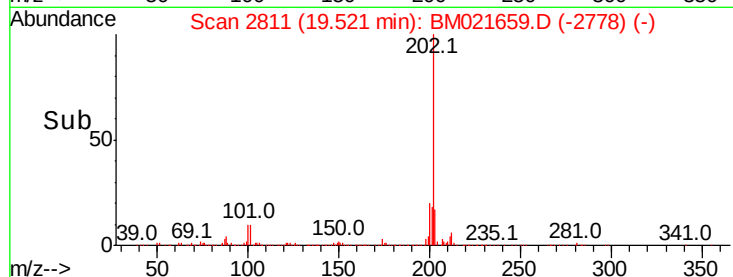
Abundance

Ion 202.00 (201.70 to 202.70): E

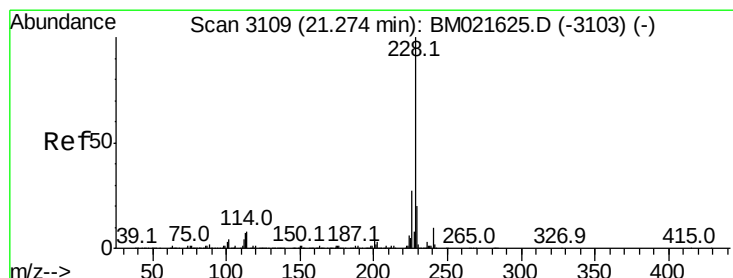
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.52



Time-->



#82

Benzo(a)anthracene

Concen: 1.265 ng/ul

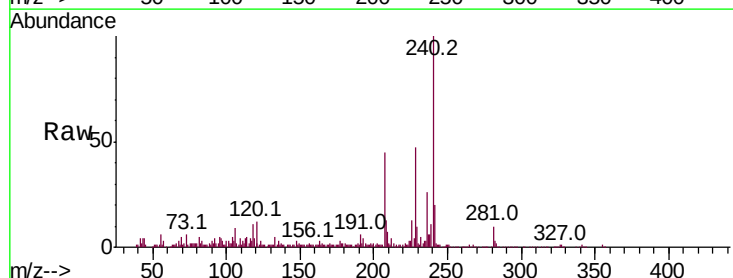
RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM021659.D

Acq: 26 Jul 2019 05:33

Tgt Ion:	228	Resp:	106876
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	27.9	21.7	32.5



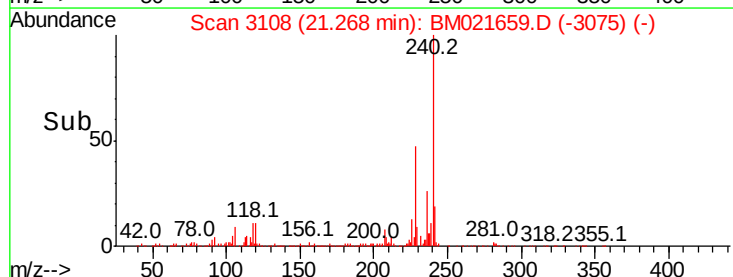
Abundance

Ion 228.00 (227.70 to 228.70): E

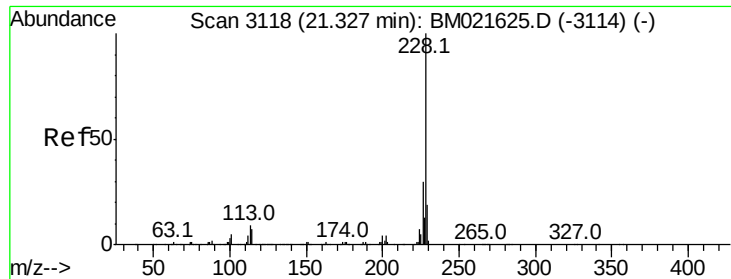
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

21.27



Time-->



#84

Chrysene

Concen: 1.288 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021659.D

Acq: 26 Jul 2019 05:33

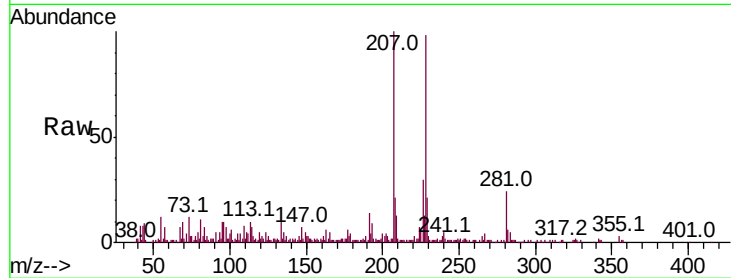
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 103727

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	21.4	15.4	23.2

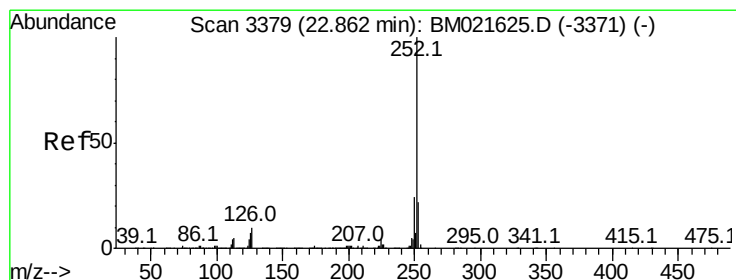
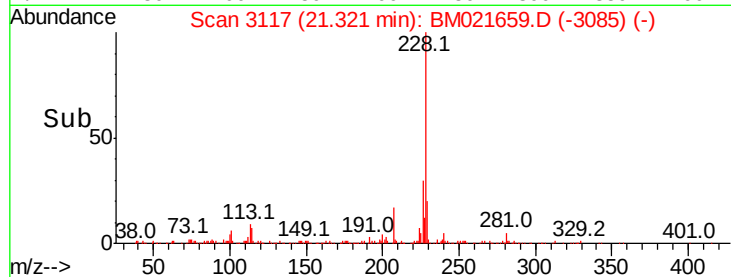
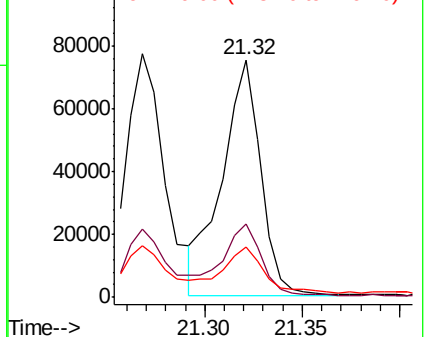


Abundance

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



#87

Benzo(b)fluoranthene

Concen: 1.573 ng/ul

RT: 22.86 min Scan# 3378

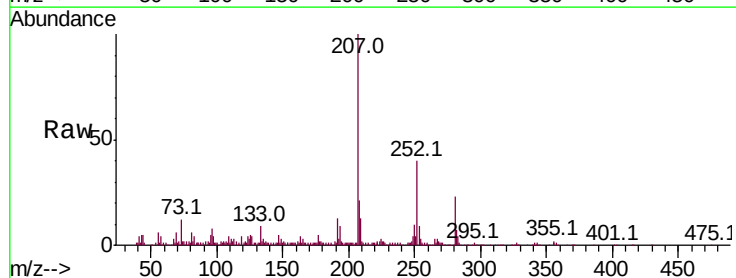
Delta R.T. -0.01 min

Lab File: BM021659.D

Acq: 26 Jul 2019 05:33

Tgt Ion:252 Resp: 129136

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	12.2	5.8	8.6

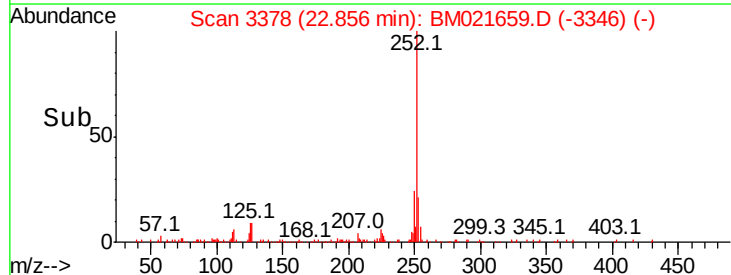
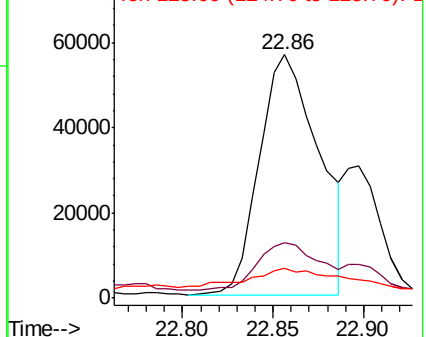


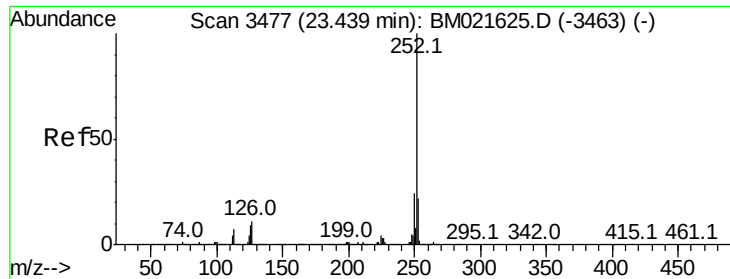
Abundance

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: 1.160 ng/ul

RT: 23.43 min Scan# 3475

Delta R.T. -0.02 min

Lab File: BM021659.D

Acq: 26 Jul 2019 05:33

Instrument :

BNA_M

ClientSampleId :

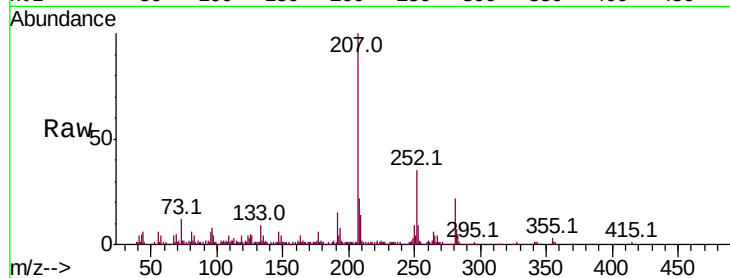
Tot Ion:252 Resp: 91413

Ion Ratio Lower Upper

252 100

253 25.3 17.8 26.6

125 13.9 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

