

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
 Data File : BM021171.D
 Acq On : 25 Jun 2019 21:04
 Operator : HP/JU
 Sample : K3498-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AA1

Quant Time: Jun 26 01:39:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 26 01:32:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	213359	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	967813	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	657106	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1641772	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1449705	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1338664	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	18411	4.10	ng/uL	0.00
5) Phenol-d5	6.94	99	433492	23.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	257915	23.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	360117	23.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	364649	23.52	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	196057	24.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	225386	25.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	473649	26.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	463674	25.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1768050	29.78	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1955533	26.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	216847	22.45	ng/ul	0.00
57) Fluorene-d10	15.40	176	1536600	29.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	228833	22.67	ng/ul	0.00
70) Anthracene-d10	17.26	188	2565052	30.06	ng/ul	0.00
78) Pyrene-d10	19.55	212	2847042	32.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2336387	29.58	ng/ul	0.00

Target Compounds

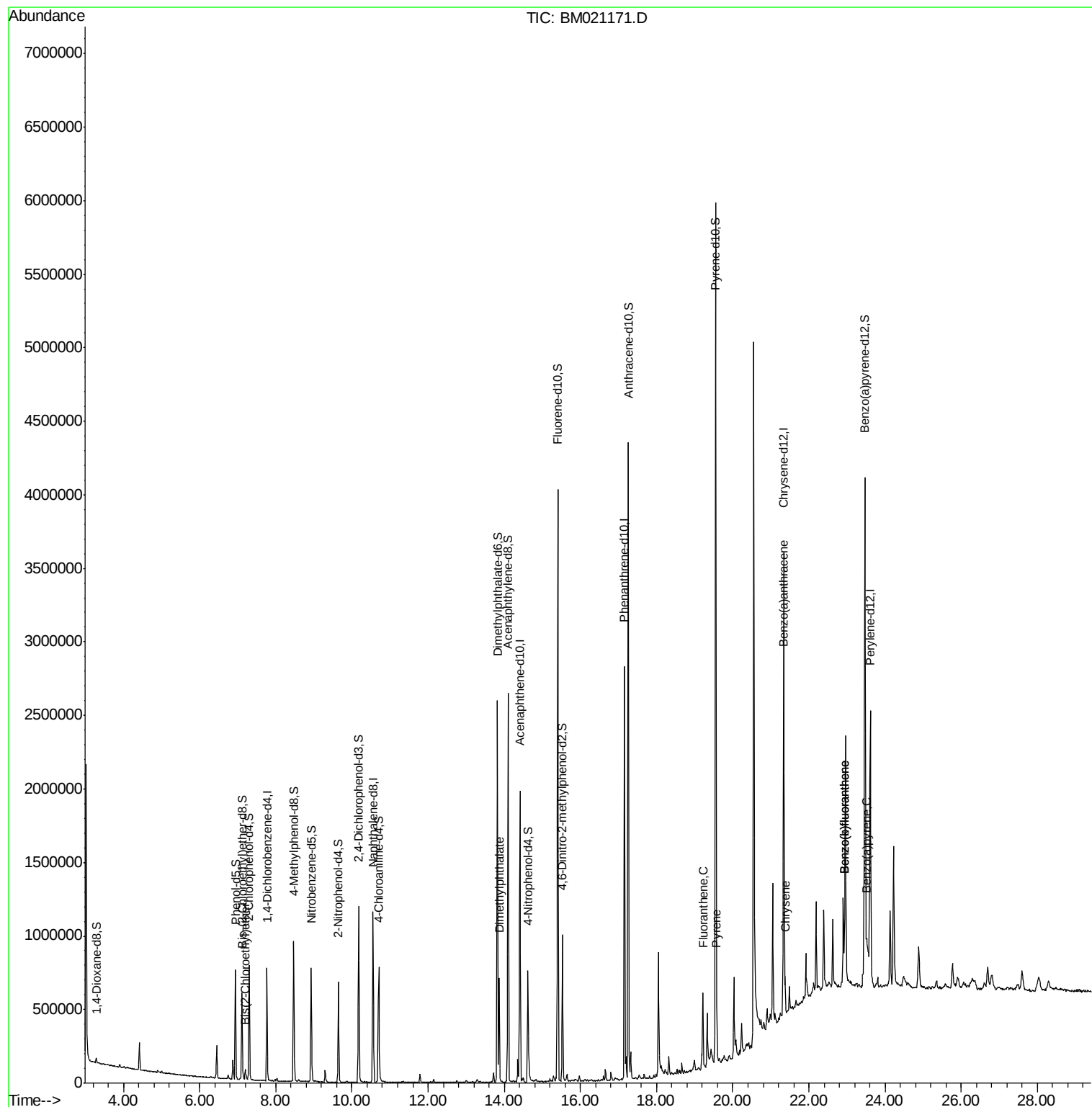
					Qvalue	
8) Bis(2-Chloroethyl)ether	7.20	93	32714	2.440	ng/ul#	26
44) Dimethylphthalate	13.87	163	447137	8.273	ng/ul	99
76) Fluoranthene	19.22	202	275943	2.813	ng/ul	99
79) Pyrene	19.58	202	228099	2.226	ng/ul	99
82) Benzo(a)anthracene	21.33	228	118524	1.199	ng/ul	97
84) Chrysene	21.37	228	140716	1.520	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	166823	1.967	ng/ul#	95
88) Benzo(k)fluoranthene	22.93	252	166823	2.045	ng/ul#	95
90) Benzo(a)pyrene	23.51	252	92094	1.154	ng/ul#	94

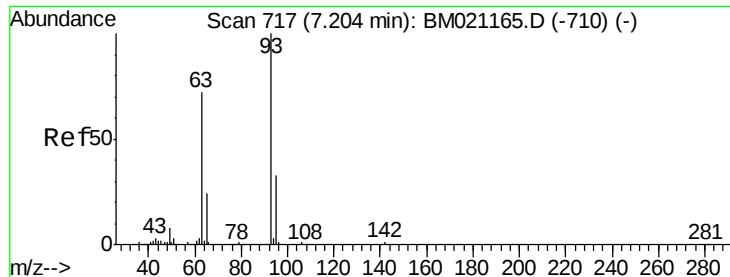
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Bis(2-Chloroethyl)ether

Concen: 2.440 ng/ul

RT: 7.20 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM021171.D

Acq: 25 Jun 2019 21:04

Instrument :

BNA_M

ClientSampleId :

C5AA1

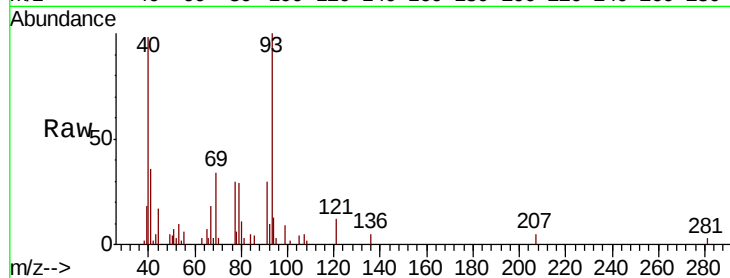
Tgt Ion: 93 Resp: 32714

Ion Ratio Lower Upper

93 100

63 2.7 57.9 86.9#

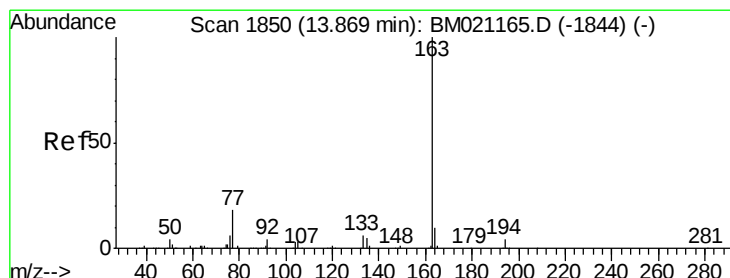
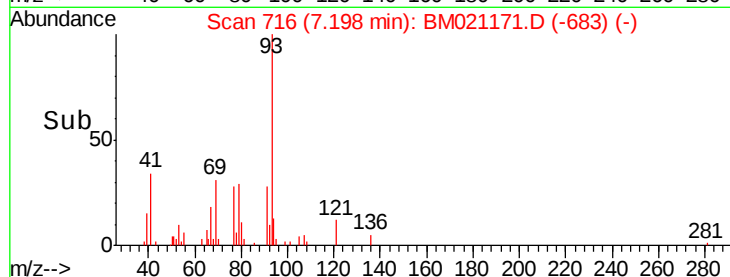
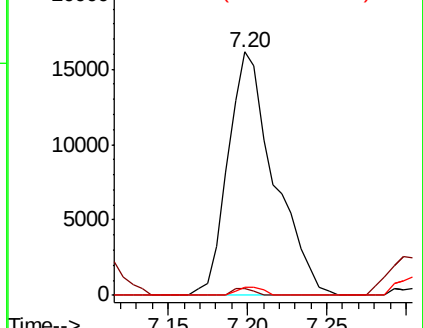
95 3.2 26.2 39.4#



Abundance Ion 93.00 (92.70 to 93.70): BM021165.D (-710) (-)

Ion 63.00 (62.70 to 63.70): BM021165.D (-710) (-)

Ion 95.00 (94.70 to 95.70): BM021165.D (-710) (-)



#44

Dimethylphthalate

Concen: 8.273 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM021171.D

Acq: 25 Jun 2019 21:04

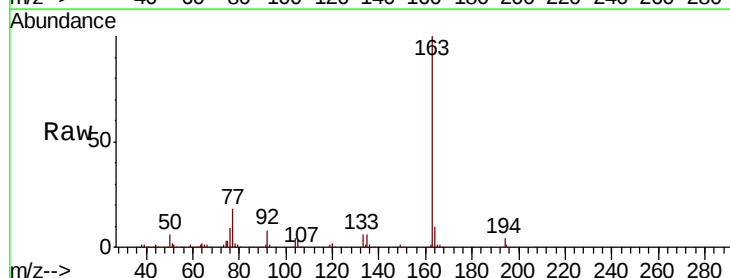
Tgt Ion: 163 Resp: 447137

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

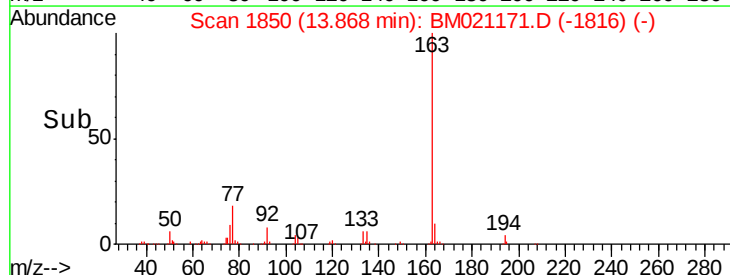
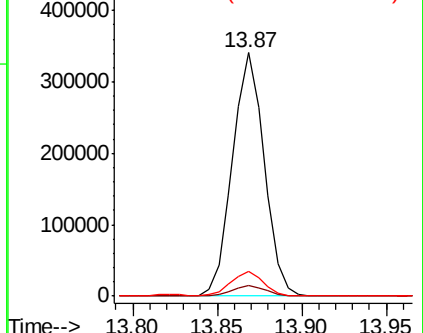
164 10.0 7.7 11.5

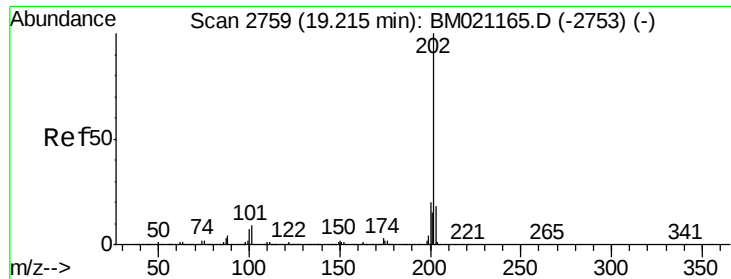


Abundance Ion 163.00 (162.70 to 163.70): BM021165.D (-1844) (-)

Ion 194.00 (193.70 to 194.70): BM021165.D (-1844) (-)

Ion 164.00 (163.70 to 164.70): BM021165.D (-1844) (-)

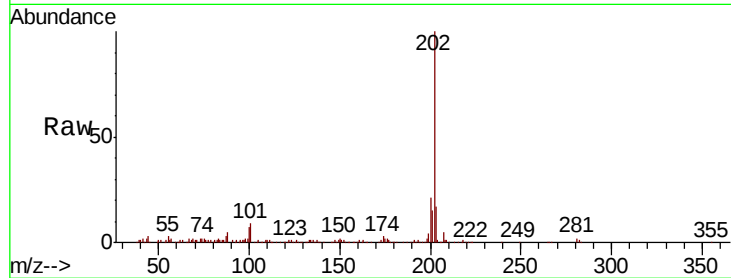




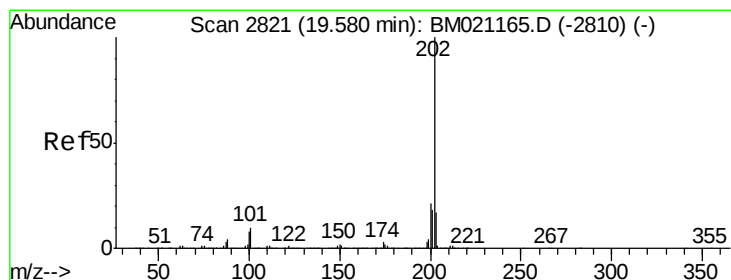
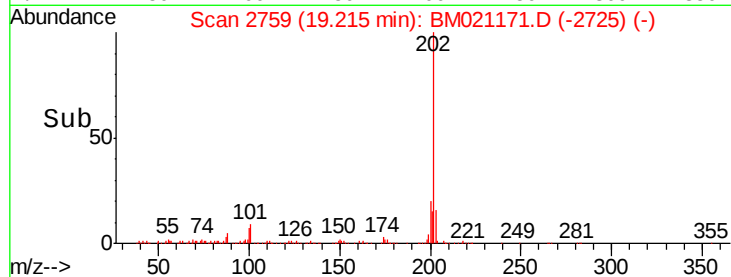
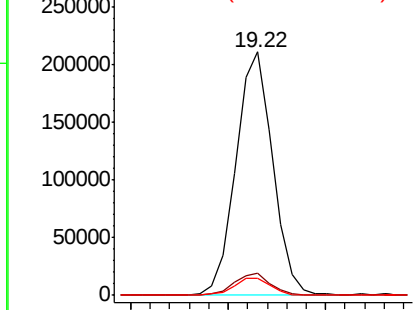
#76
Fluoranthene
Concen: 2.813 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.00 min
Lab File: BM021171.D
Acq: 25 Jun 2019 21:04

Instrument :
BNA_M
ClientSampleId :
C5AA1

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	275943		
101	9.2	6.7	10.1	
100	6.8	5.5	8.3	

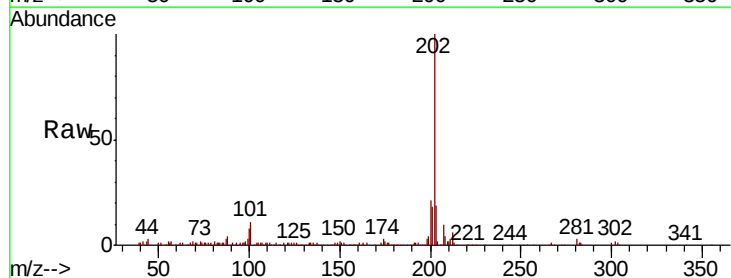


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

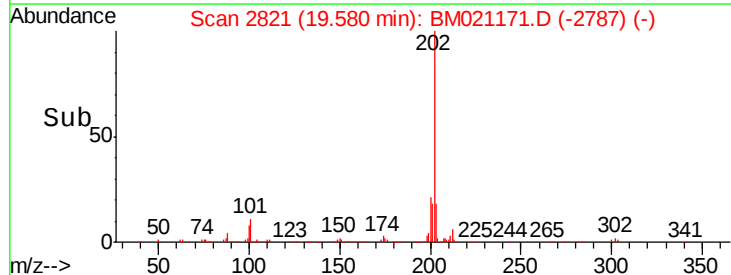
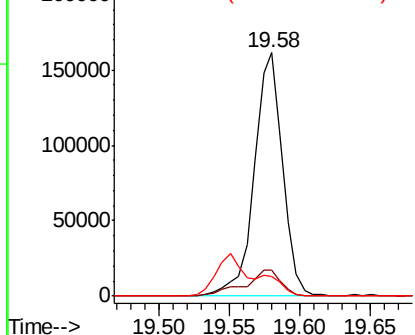


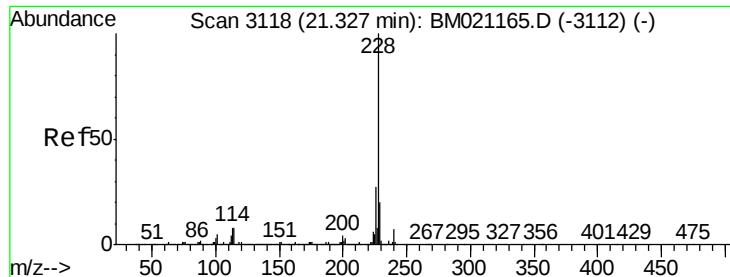
#79
Pyrene
Concen: 2.226 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM021171.D
Acq: 25 Jun 2019 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	228099		
101	10.7	8.1	12.1	
100	8.0	6.6	10.0	



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: 1.199 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BM021171.D

Acq: 25 Jun 2019 21:04

Instrument :

BNA_M

ClientSampleId :

C5AA1

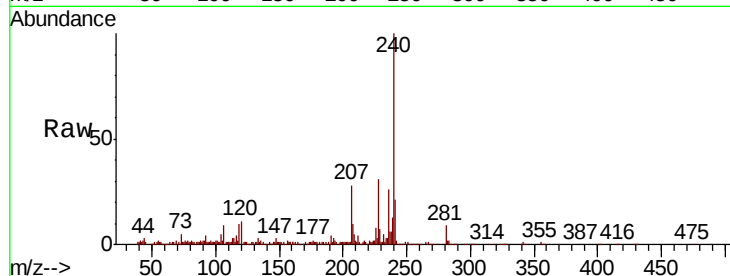
Tgt Ion:228 Resp: 118524

Ion Ratio Lower Upper

228 100

229 21.8 15.8 23.8

226 27.4 21.4 32.2

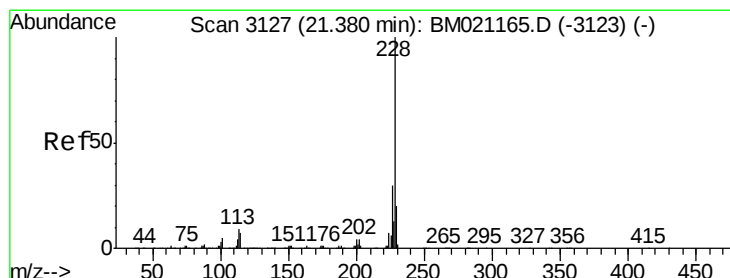
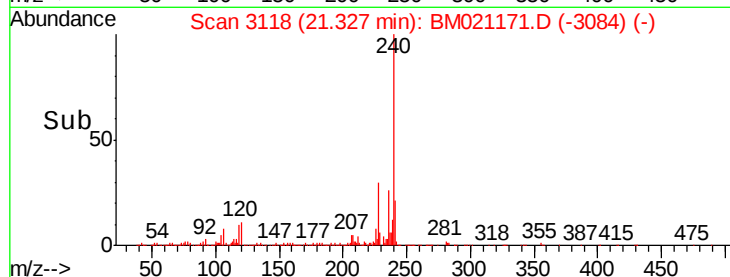
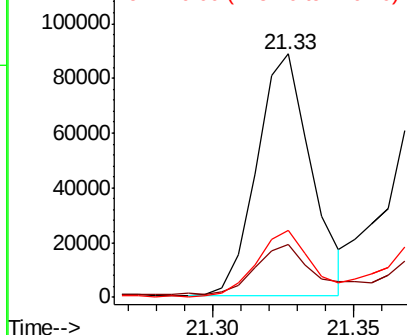


Abundance

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: 1.520 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM021171.D

Acq: 25 Jun 2019 21:04

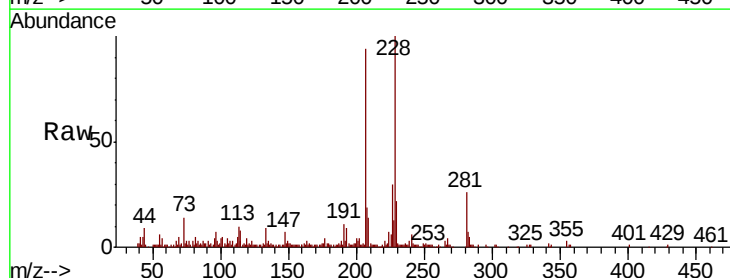
Tgt Ion:228 Resp: 140716

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

229 22.0 15.4 23.2

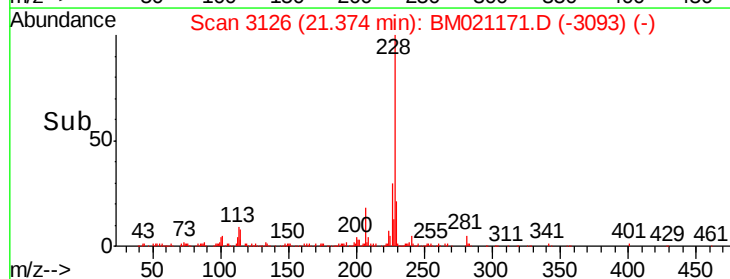
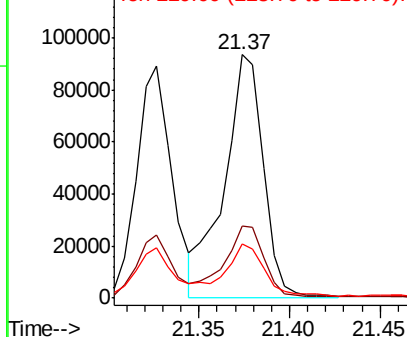


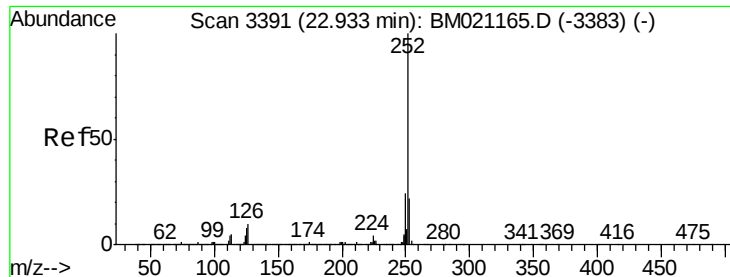
Abundance

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: 1.967 ng/ul

RT: 22.93 min Scan# 3391

Delta R.T. -0.00 min

Lab File: BM021171.D

Acq: 25 Jun 2019 21:04

Instrument :

BNA_M

ClientSampleId :

C5AA1

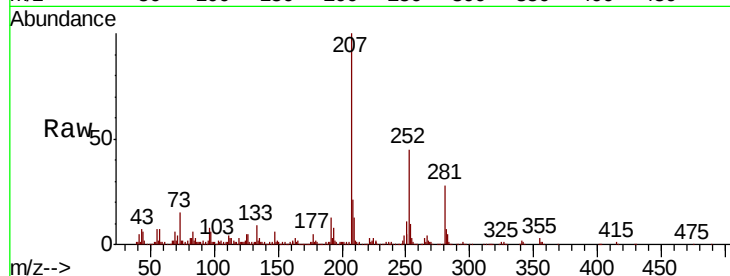
Tgt Ion:252 Resp: 166823

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

125 12.1 6.3 9.5#

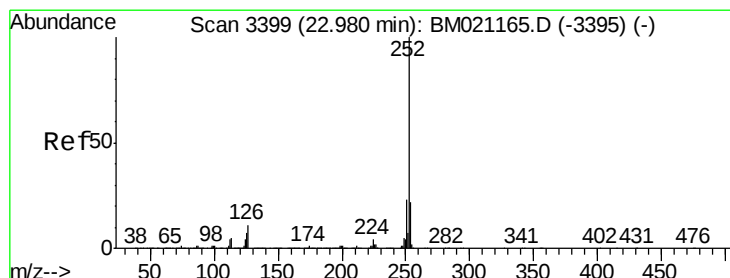
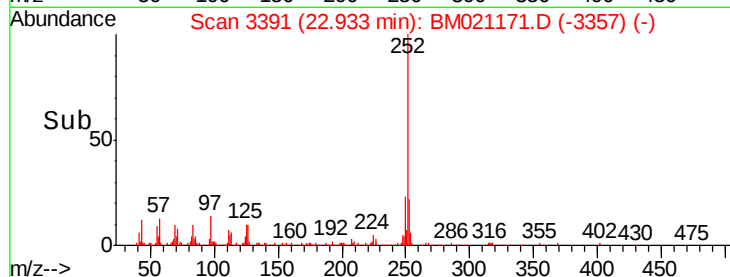
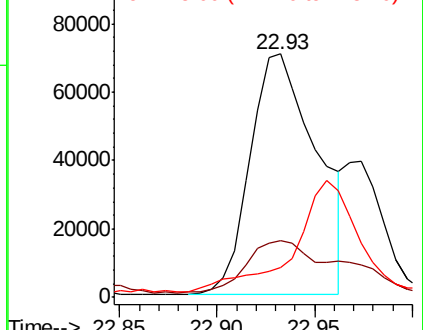


Abundance

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: 2.045 ng/ul

RT: 22.93 min Scan# 3391

Delta R.T. -0.05 min

Lab File: BM021171.D

Acq: 25 Jun 2019 21:04

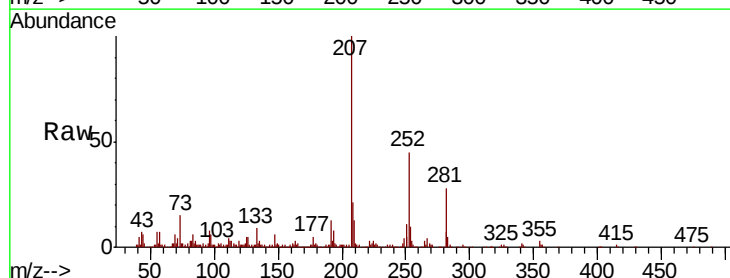
Tgt Ion:252 Resp: 166823

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

125 12.1 6.6 9.8#

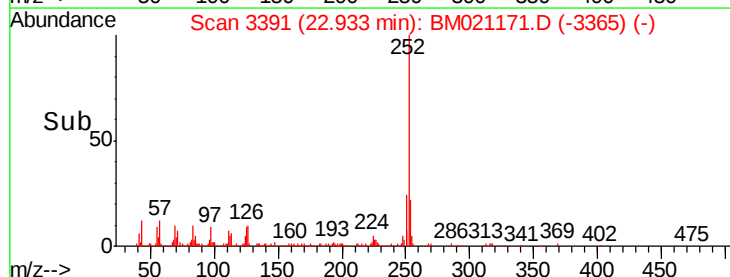
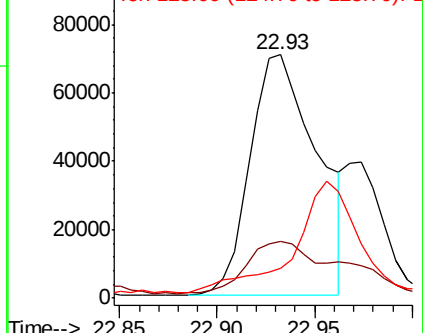


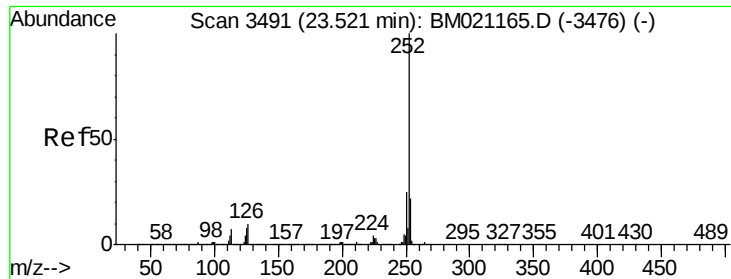
Abundance

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: 1.154 ng/ul

RT: 23.51 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BM021171.D

Acq: 25 Jun 2019 21:04

Instrument :

BNA_M

ClientSampleId :

C5AA1

Tgt Ion: 252 Resp: 92094

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.8

125 13.6 7.2 10.8#

