

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
 Data File : BM021203.D
 Acq On : 26 Jun 2019 21:55
 Operator : HP/JU
 Sample : K3501-07
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AD5

Quant Time: Jun 27 00:46:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 00:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	224420	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1004271	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	677154	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1642077	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1307219	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1249370	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	15787	3.34	ng/uL	0.00
5) Phenol-d5	6.93	99	373502	19.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	222637	19.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	314808	19.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	330325	20.26	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	168555	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	197838	21.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	400343	21.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	405908	21.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1451979	23.73	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1639637	21.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	161670	16.24	ng/ul	0.00
57) Fluorene-d10	15.40	176	1251372	23.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	168161	16.66	ng/ul	0.00
70) Anthracene-d10	17.25	188	1979992	23.20	ng/ul	0.00
78) Pyrene-d10	19.54	212	2140706	27.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1705873	23.14	ng/ul	-0.01

Target Compounds

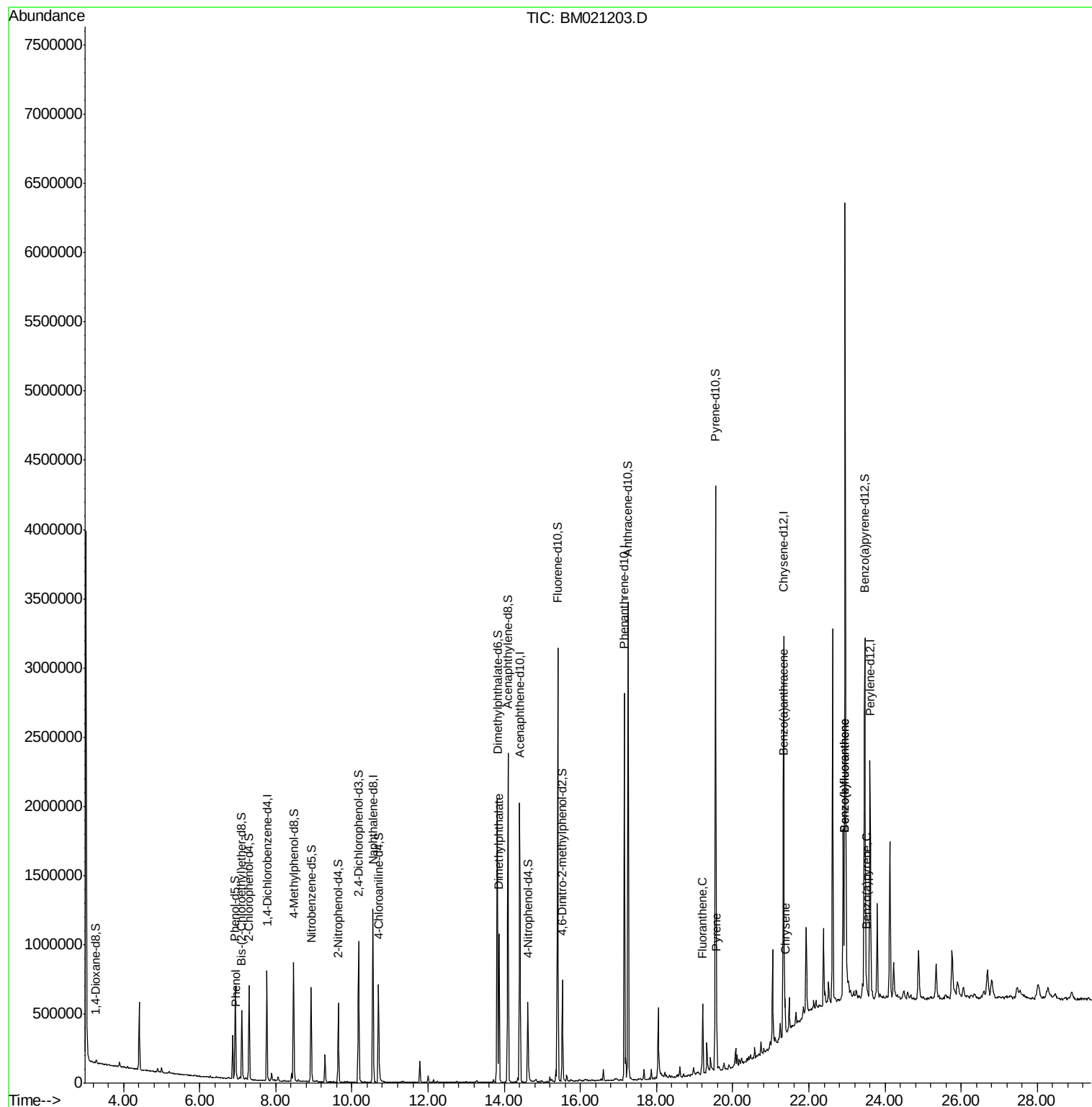
					Qvalue	
6) Phenol	6.96	94	27478	1.487	ng/ul	93
44) Dimethylphthalate	13.86	163	725920	13.033	ng/ul	99
76) Fluoranthene	19.21	202	286140	2.916	ng/ul	99
79) Pyrene	19.57	202	249201	2.697	ng/ul	99
82) Benzo(a)anthracene	21.32	228	123283	1.383	ng/ul	100
84) Chrysene	21.37	228	143584	1.720	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	197322	2.493	ng/ul#	95
88) Benzo(k)fluoranthene	22.93	252	197322	2.592	ng/ul#	95
90) Benzo(a)pyrene	23.51	252	112531	1.511	ng/ul#	97

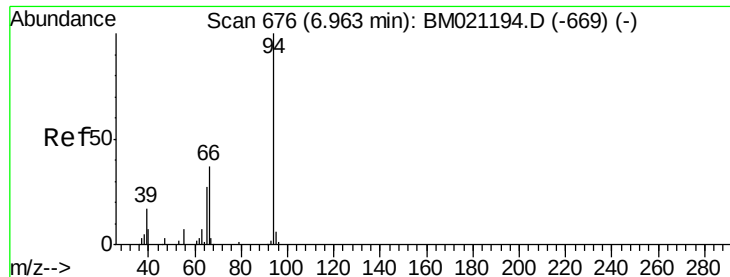
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.487 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM021203.D

Acq: 26 Jun 2019 21:55

Instrument :

BNA_M

ClientSampleId :

C5AD5

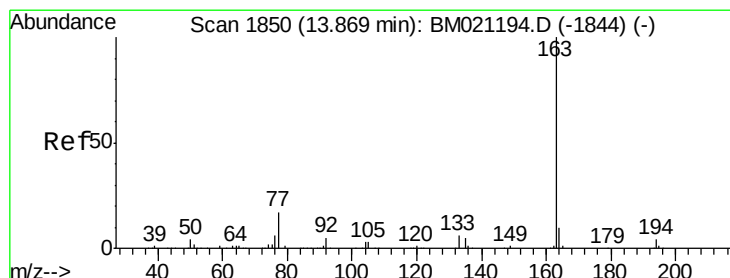
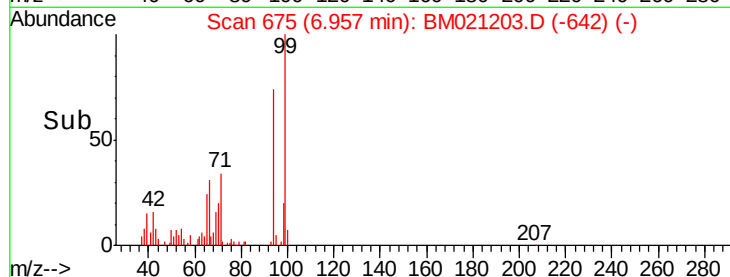
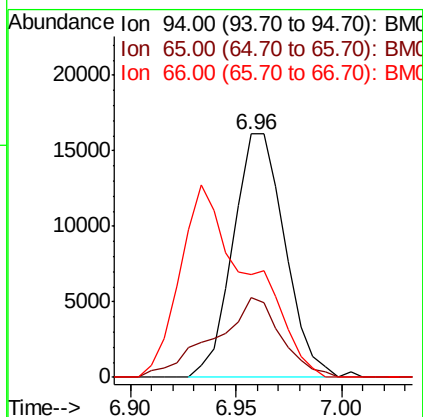
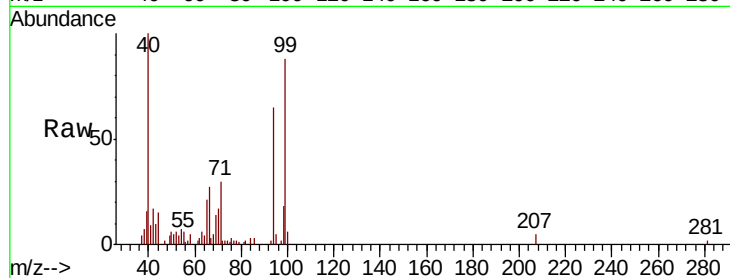
Tgt Ion: 94 Resp: 27478

Ion Ratio Lower Upper

94 100

65 33.0 22.6 34.0

66 42.0 31.2 46.8



#44

Dimethylphthalate

Concen: 13.033 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM021203.D

Acq: 26 Jun 2019 21:55

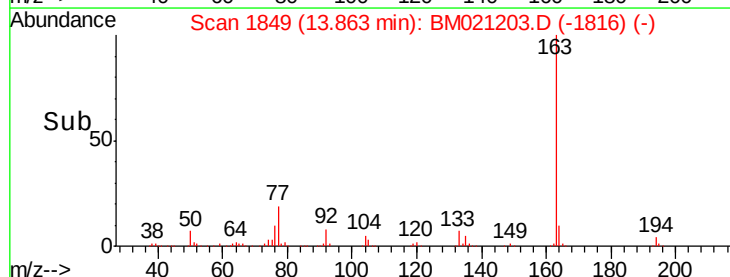
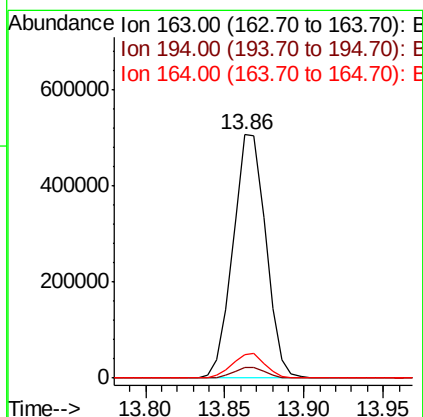
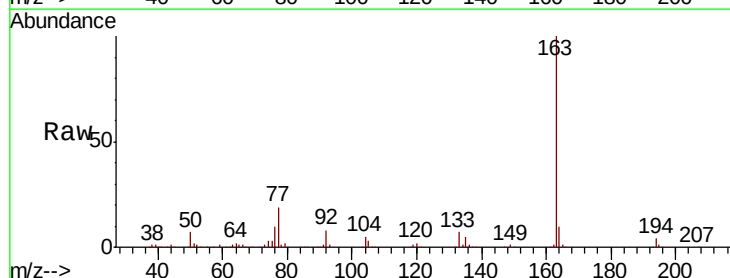
Tgt Ion: 163 Resp: 725920

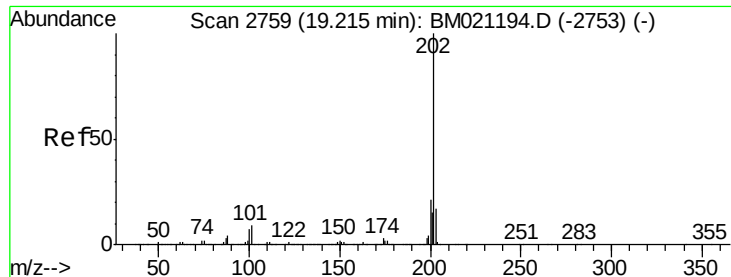
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 9.9 7.7 11.5





#76

Fluoranthene

Concen: 2.916 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BM021203.D

Acq: 26 Jun 2019 21:55

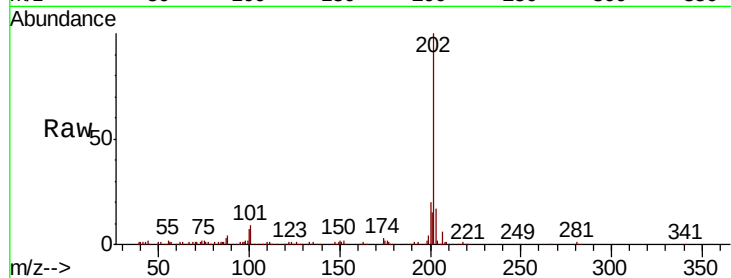
Instrument :

BNA_M

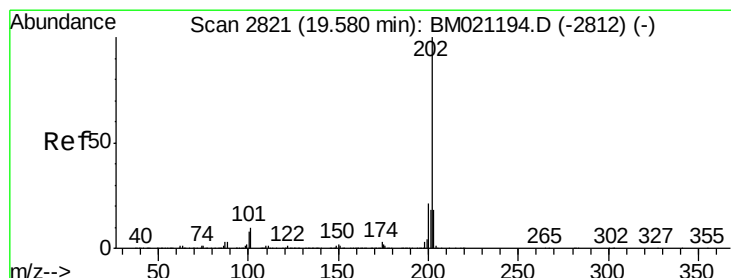
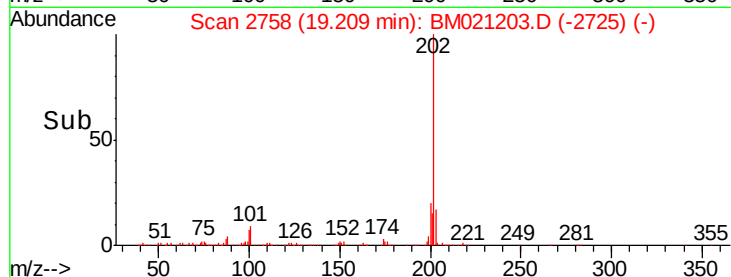
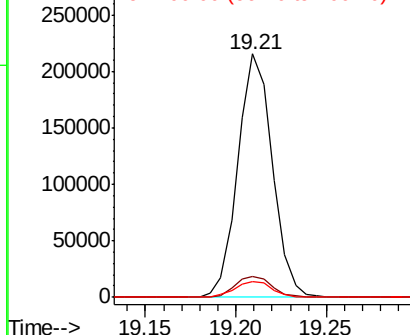
ClientSampleId :

C5AD5

Tgt Ion:	202	Resp:	286140
Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.7	10.1
100	6.7	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: 2.697 ng/ul

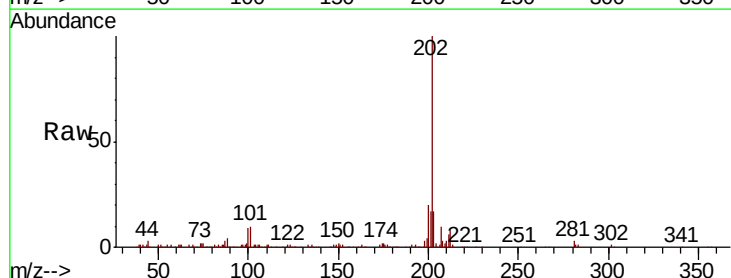
RT: 19.57 min Scan# 2820

Delta R.T. -0.01 min

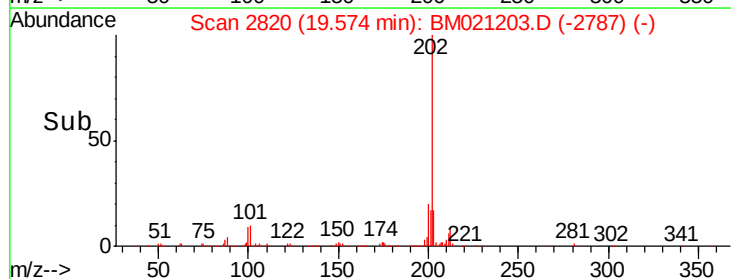
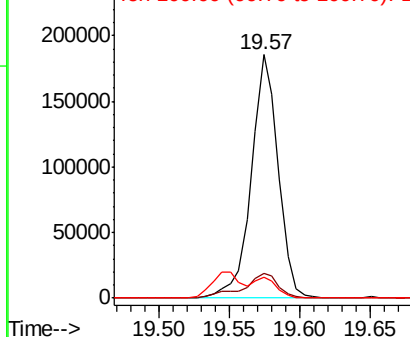
Lab File: BM021203.D

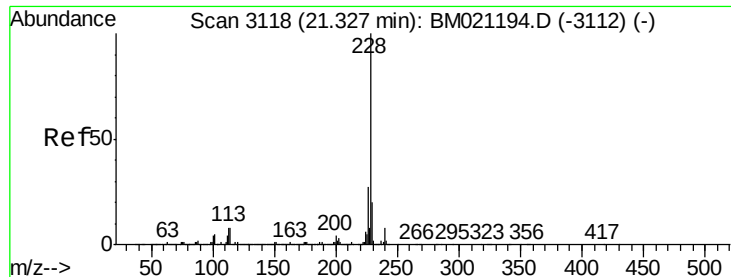
Acq: 26 Jun 2019 21:55

Tgt Ion:	202	Resp:	249201
Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.1	12.1
100	8.8	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: 1.383 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021203.D

Acq: 26 Jun 2019 21:55

Instrument :

BNA_M

ClientSampleId :

C5AD5

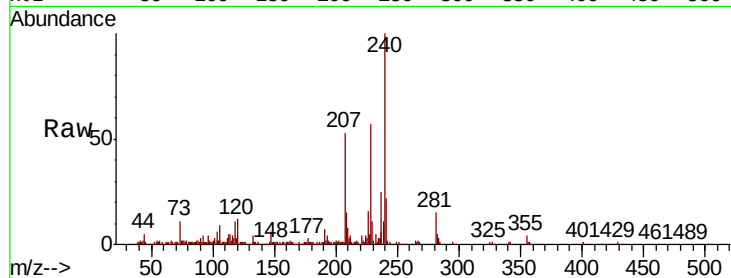
Tgt Ion:228 Resp: 123283

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.8

226 27.2 21.4 32.2

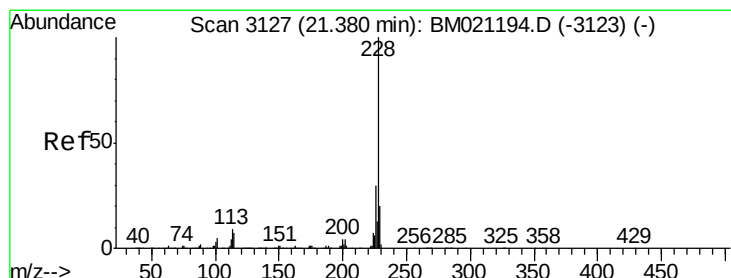
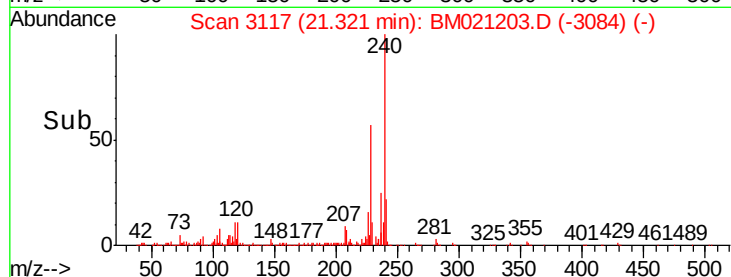
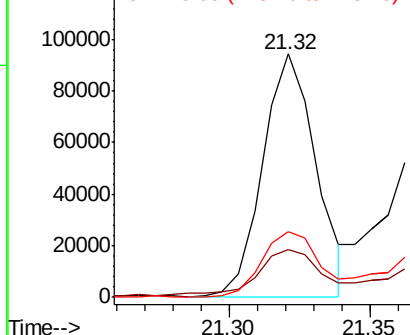


Abundance

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: 1.720 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM021203.D

Acq: 26 Jun 2019 21:55

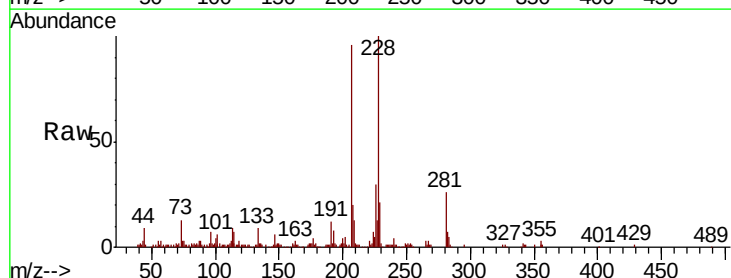
Tgt Ion:228 Resp: 143584

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 21.0 15.4 23.2

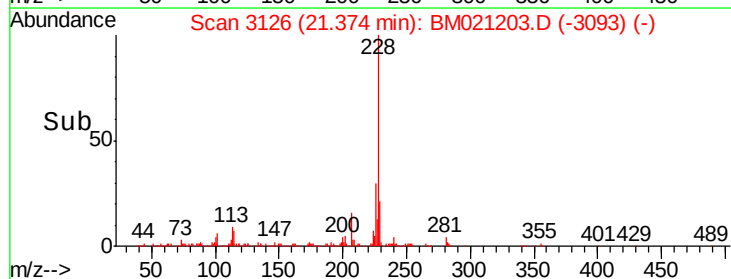
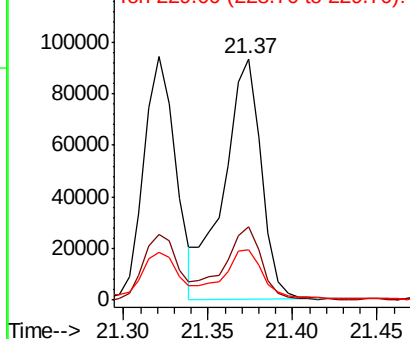


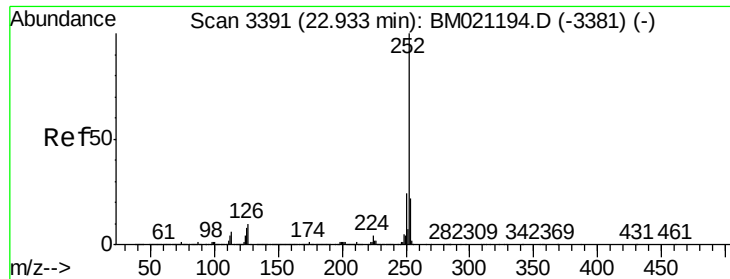
Abundance

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: 2.493 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BM021203.D

Acq: 26 Jun 2019 21:55

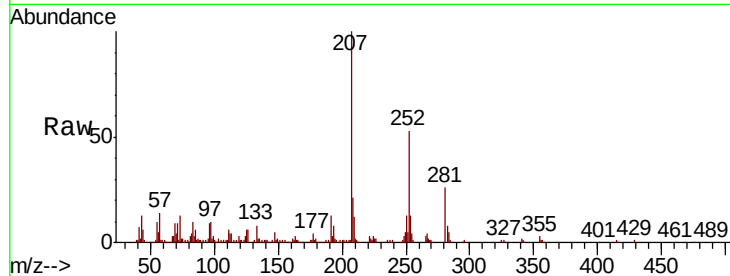
Instrument :

BNA_M

ClientSampleId :

C5AD5

Tgt Ion:	252	Resp:	197322
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	11.1	6.3	9.5#

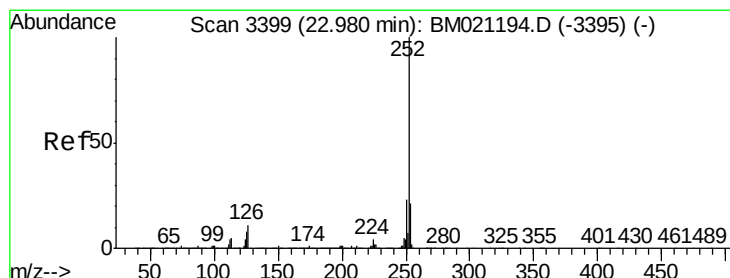
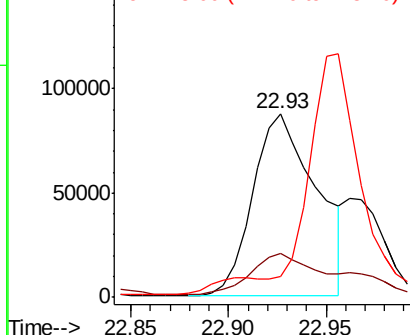
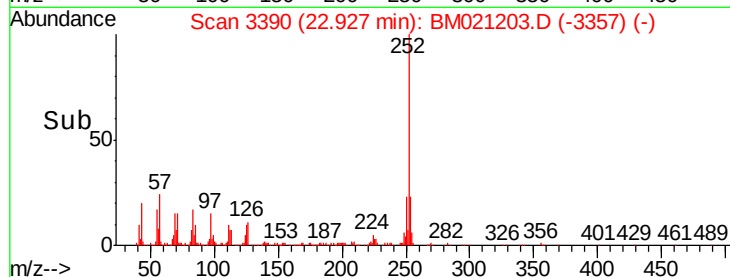


Abundance

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: 2.592 ng/ul

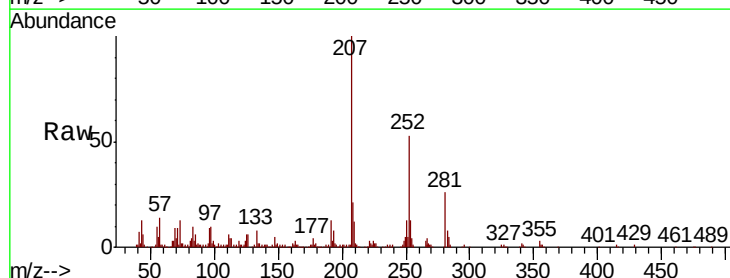
RT: 22.93 min Scan# 3390

Delta R.T. -0.05 min

Lab File: BM021203.D

Acq: 26 Jun 2019 21:55

Tgt Ion:	252	Resp:	197322
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	11.1	6.6	9.8#

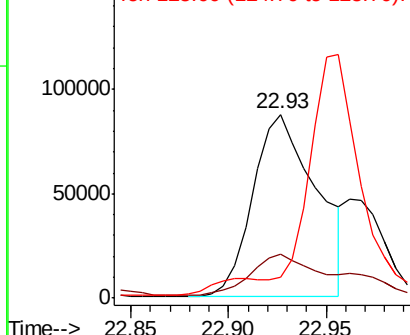
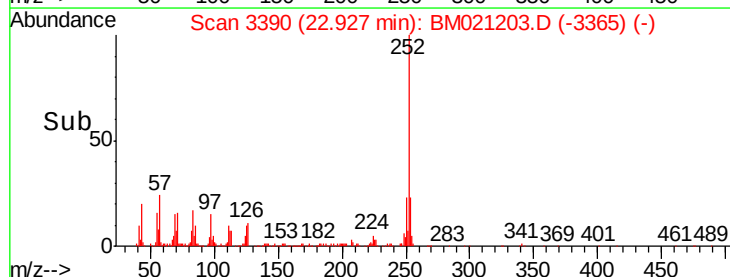


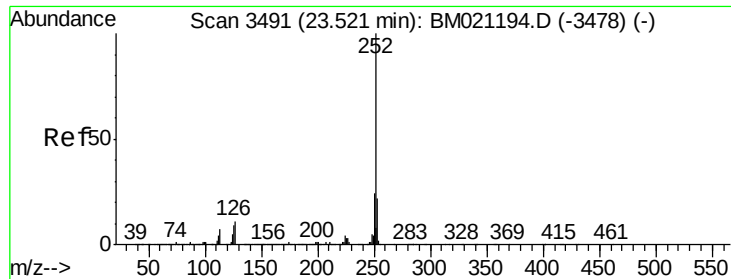
Abundance

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: 1.511 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021203.D

Acq: 26 Jun 2019 21:55

Instrument :

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ClientSampleId :

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Tgt Ion:	252	Resp:	112531
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.8
125	12.2	7.2	10.8#

