

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
 Data File : BM021220.D
 Acq On : 27 Jun 2019 17:09
 Operator : HP/JU
 Sample : K3502-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AE0

Manual Integrations
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Quant Time: Jun 27 18:47:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 15:09:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	244690	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1070162	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	703247	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1639871	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1224207	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1242820	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	18547	3.60	ng/uL	0.00
5) Phenol-d5	6.93	99	428891	20.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	271986	21.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	362588	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	298520	16.79	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	200380	23.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	226490	23.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	441246	22.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	317988	15.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1569343	24.70	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1832632	23.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	157179	15.21	ng/ul	0.00
57) Fluorene-d10	15.40	176	1401506	25.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	177571	17.61	ng/ul	0.00
70) Anthracene-d10	17.25	188	2092645	24.56	ng/ul	0.00
78) Pyrene-d10	19.54	212	2127053	28.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1765747	24.08	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.86	163	371443	6.421	ng/ul	99
69) Phenanthrene	17.19	178	425041	4.687	ng/ul	99
76) Fluoranthene	19.21	202	1082986	11.051	ng/ul	99
79) Pyrene	19.57	202	853972	9.867	ng/ul	99
82) Benzo(a)anthracene	21.32	228	398010	4.769	ng/ul	99
84) Chrysene	21.37	228	452326	5.787	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	517902	6.579	ng/ul#	99
88) Benzo(k)fluoranthene	22.96	252	208870m	2.758	ng/ul	
90) Benzo(a)pyrene	23.51	252	302173	4.078	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	222470	2.550	ng/ul	96
93) Benzo(g,h,i)perylene	26.60	276	178804	2.488	ng/ul	96

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

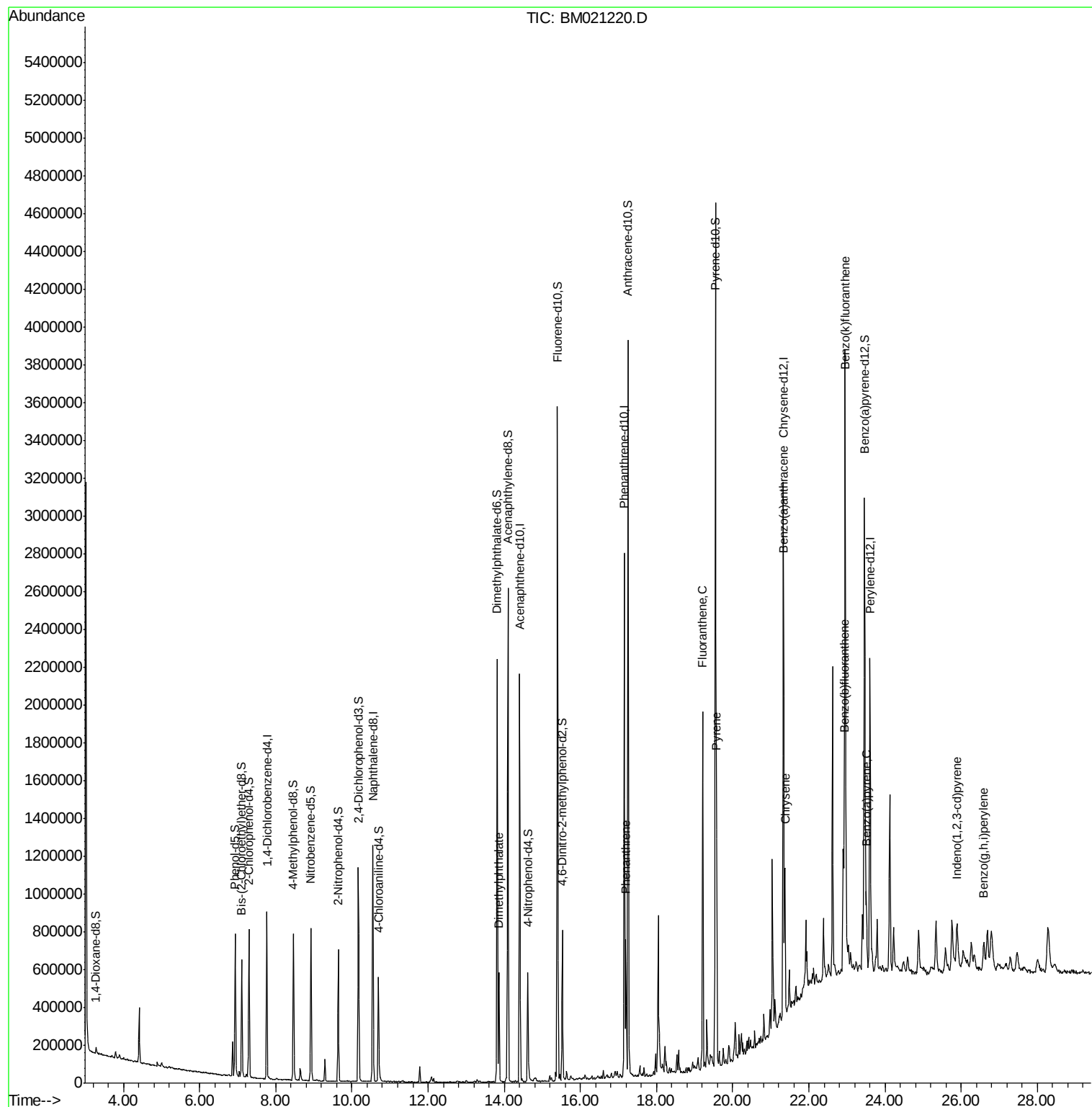
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021220.D
Acq On : 27 Jun 2019 17:09
Operator : HP/JU
Sample : K3502-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

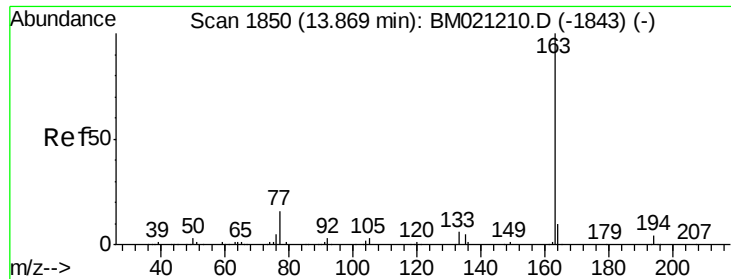
Instrument :
BNA_M
ClientSampleId :
C5AE0

Quant Time: Jun 27 18:47:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
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#44

Dimethylphthalate

Concen: 6.421 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM021220.D

Acq: 27 Jun 2019 17:09

Instrument :

BNA_M

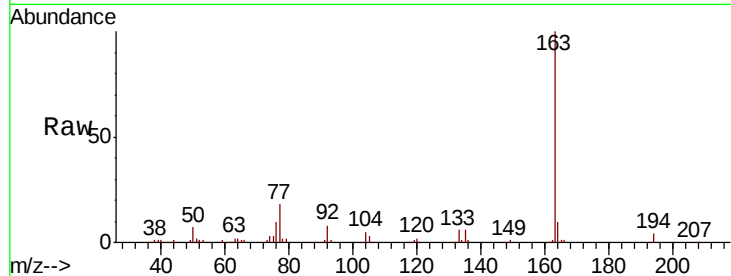
ClientSampleId :

C5AE0

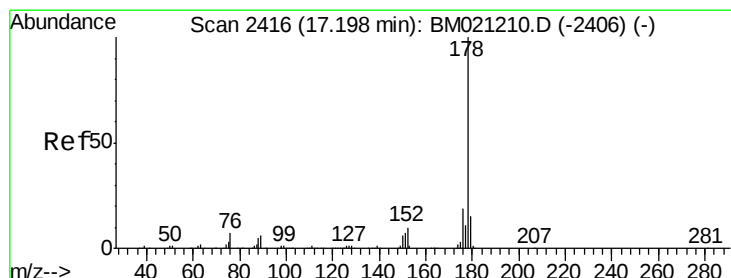
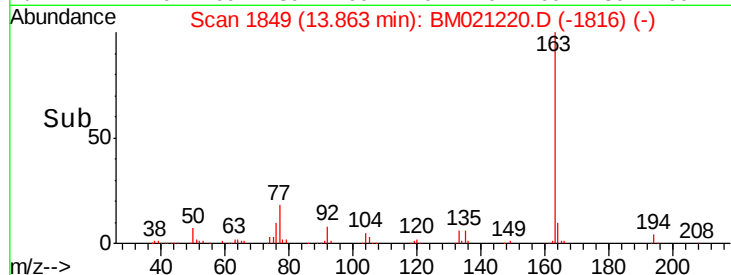
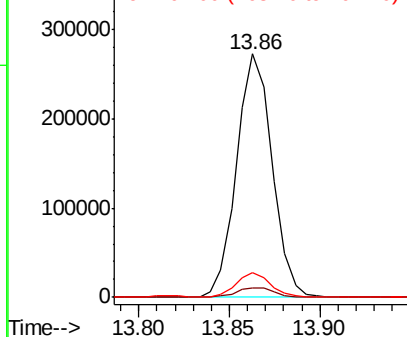
Tot Ion:	163	Resp:	371443
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.2
164	10.1	7.7	11.5

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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: 4.687 ng/ul

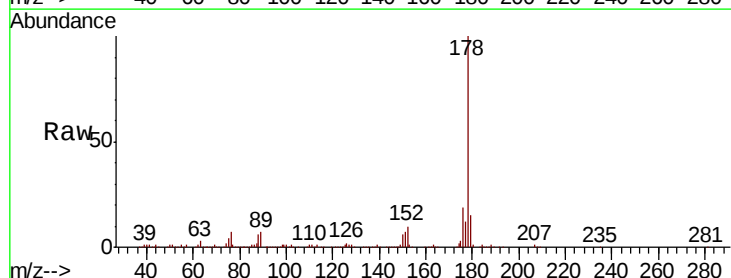
RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

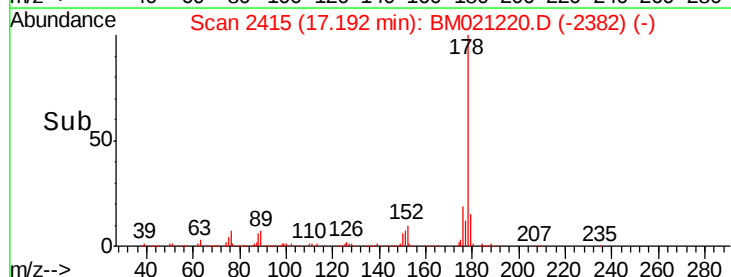
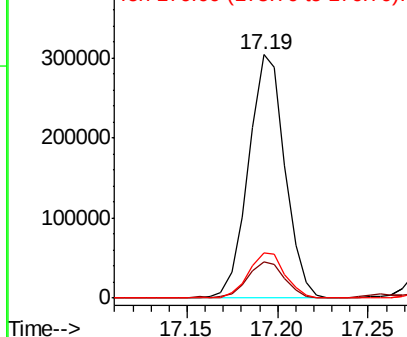
Lab File: BM021220.D

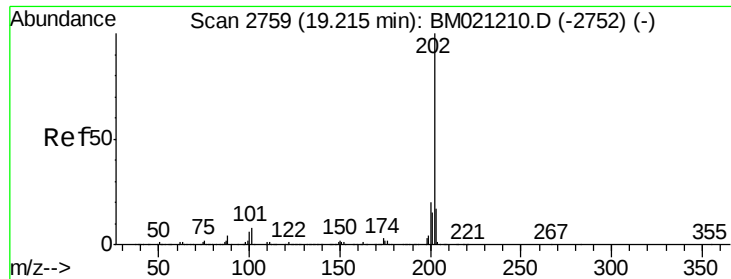
Acq: 27 Jun 2019 17:09

Tgt Ion:	178	Resp:	425041
Ion Ratio	Lower	Upper	
178	100		
179	15.1	11.8	17.8
176	18.6	15.0	22.6



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





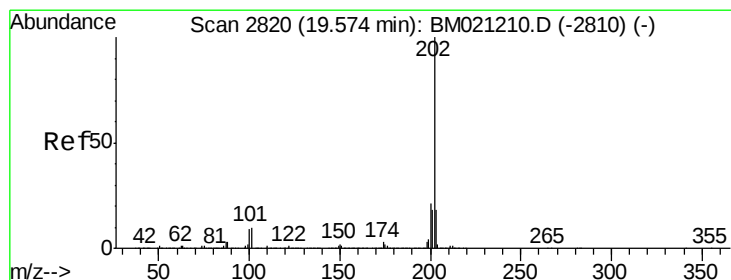
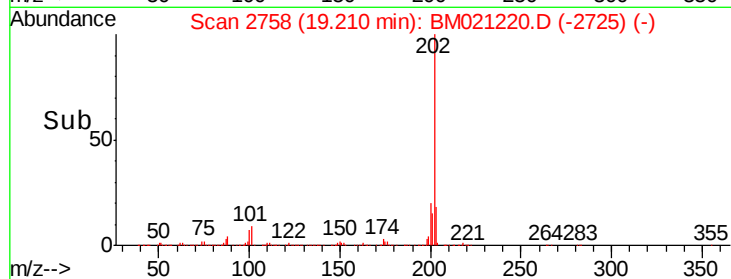
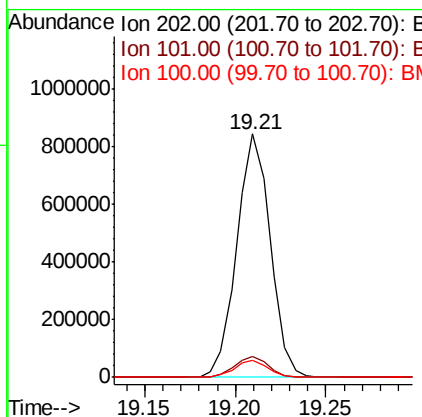
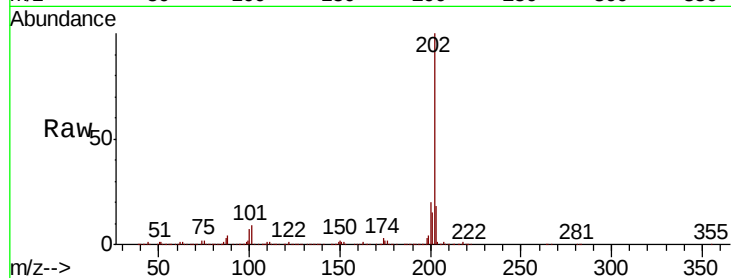
#76
Fluoranthene
Concen: 11.051 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021220.D
Acq: 27 Jun 2019 17:09

Instrument :
BNA_M
ClientSampleId :
C5AE0

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.7	10.1
100	6.8	5.5	8.3

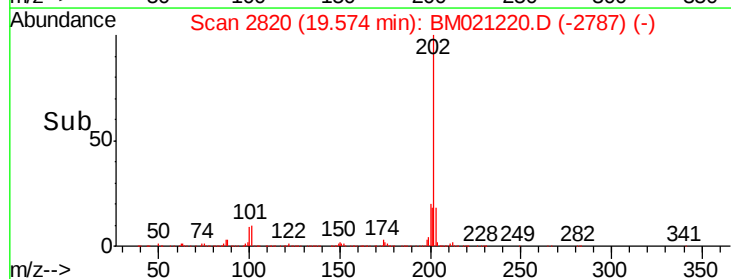
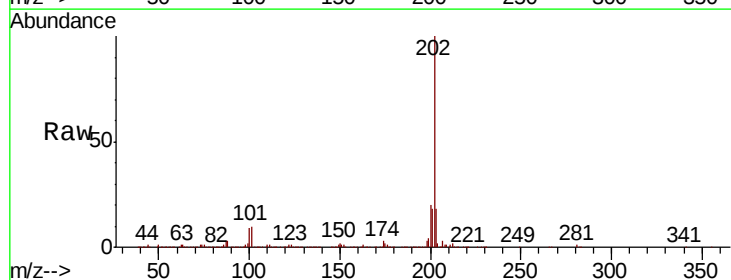
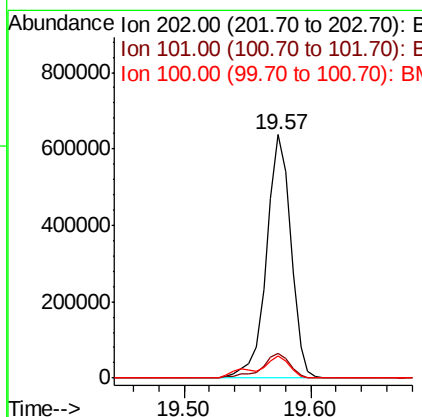
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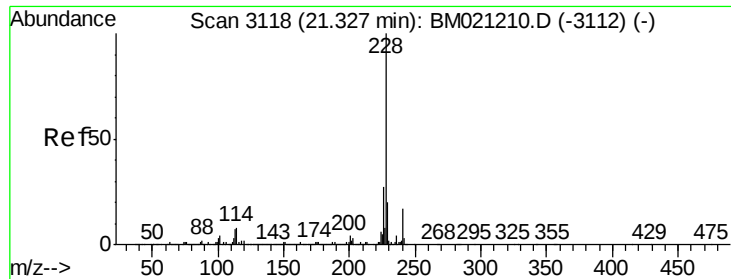
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#79
Pyrene
Concen: 9.867 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021220.D
Acq: 27 Jun 2019 17:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.1	12.1
100	8.9	6.6	10.0





#82

Benzo(a)anthracene

Concen: 4.769 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021220.D

Acq: 27 Jun 2019 17:09

Instrument :

BNA_M

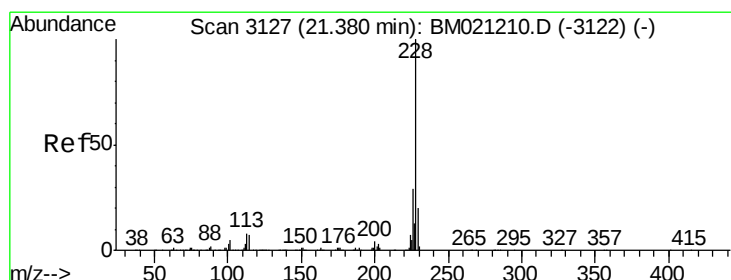
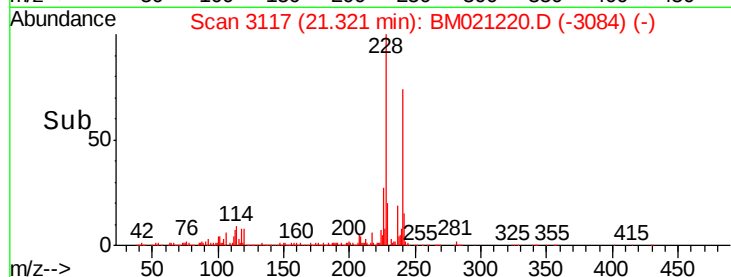
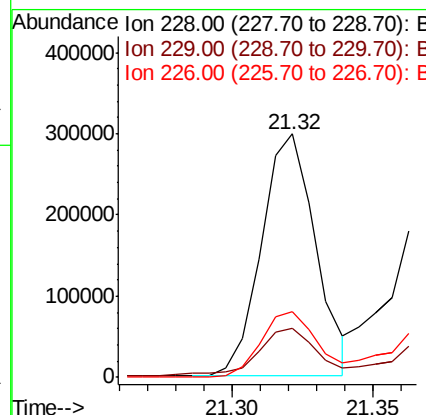
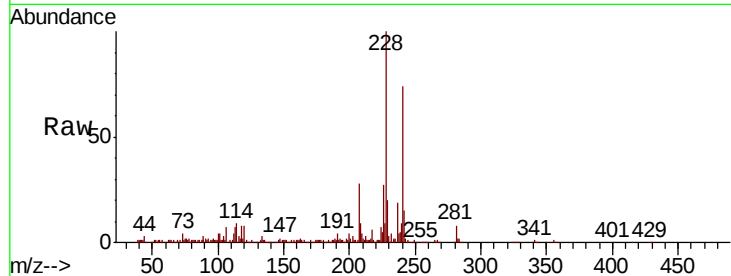
ClientSampleId :

C5AE0

Tot Ion:	228	Resp:	398010
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.8	23.8
226	27.1	21.4	32.2

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#84

Chrysene

Concen: 5.787 ng/ul

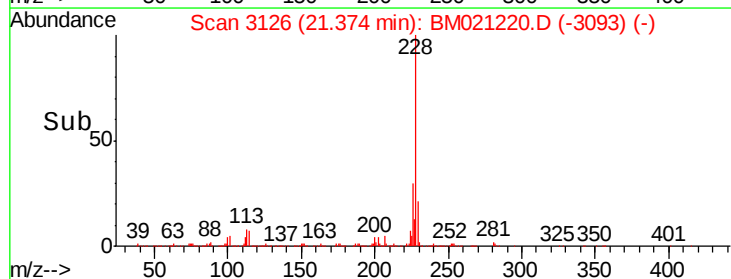
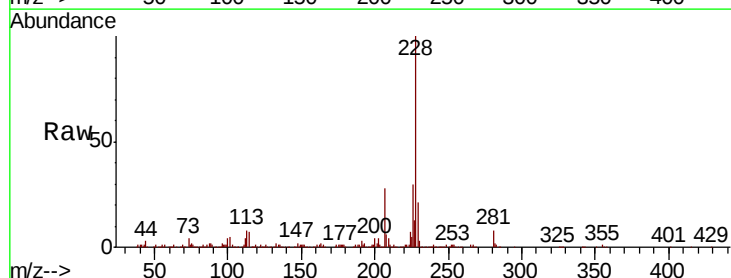
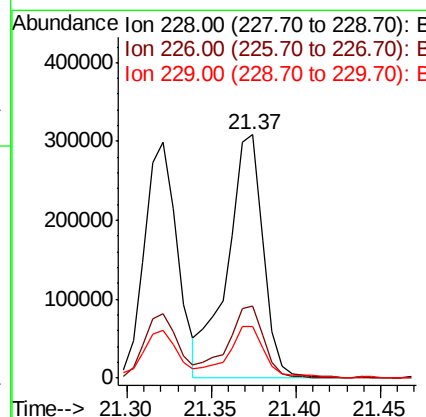
RT: 21.37 min Scan# 3126

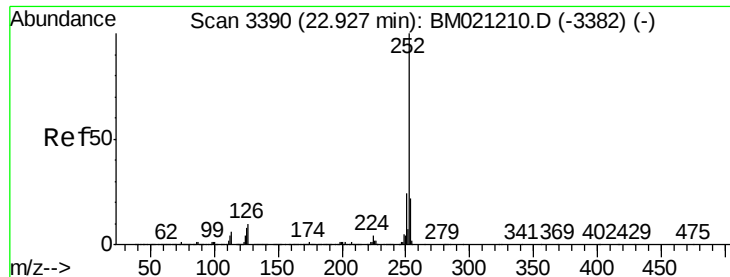
Delta R.T. -0.01 min

Lab File: BM021220.D

Acq: 27 Jun 2019 17:09

Tgt Ion:	228	Resp:	452326
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.9	35.9
229	21.2	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 6.579 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. 0.00 min

Lab File: BM021220.D

Acq: 27 Jun 2019 17:09

Instrument :

BNA_M

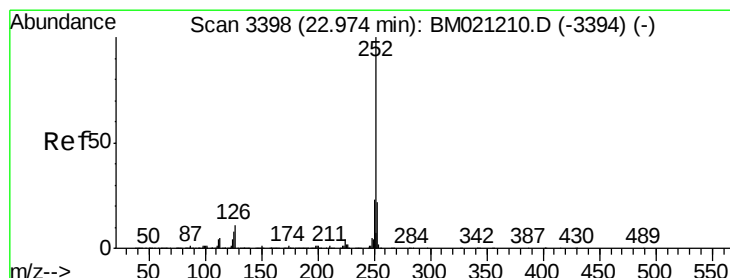
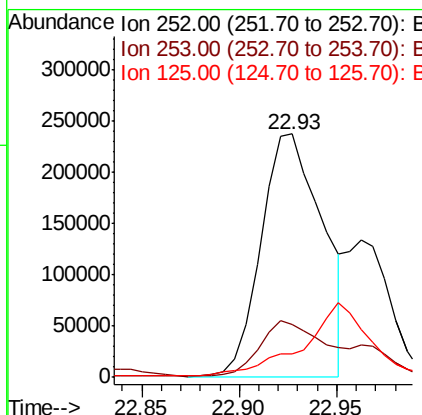
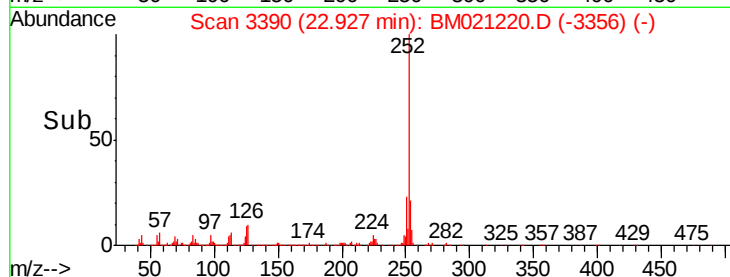
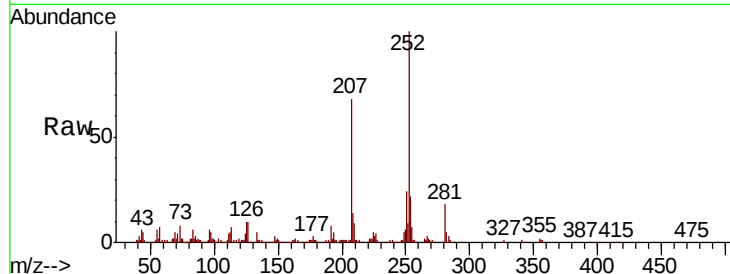
ClientSampleId :

C5AE0

Tot Ion:	252	Resp:	517902
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	9.5	6.3	9.5#

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#88

Benzo(k)fluoranthene

Concen: 2.758 ng/ul m

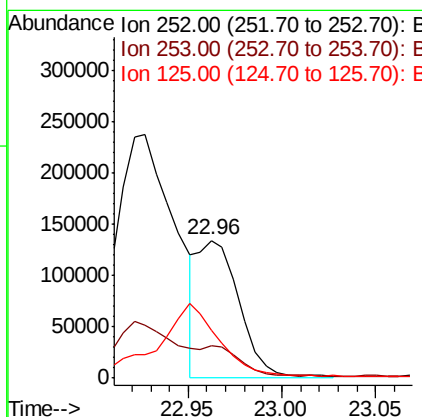
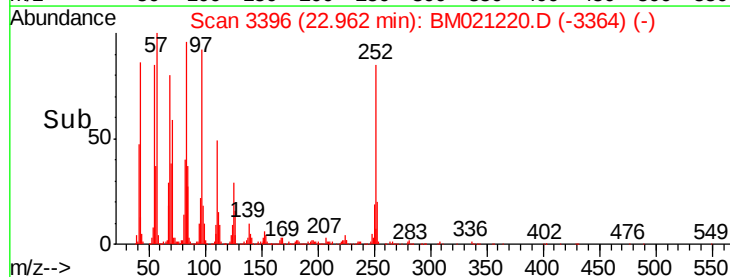
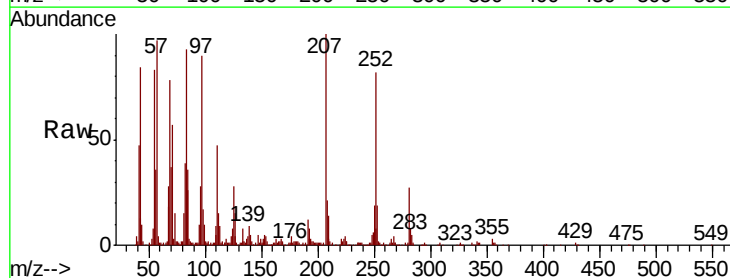
RT: 22.96 min Scan# 3396

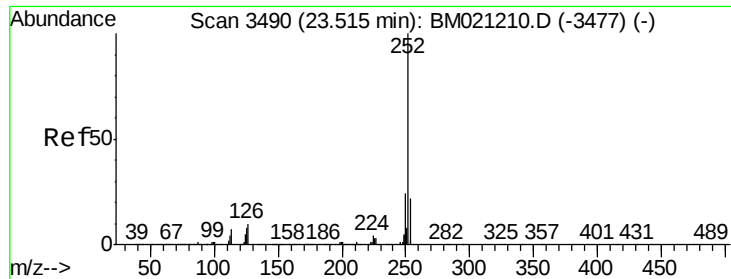
Delta R.T. -0.01 min

Lab File: BM021220.D

Acq: 27 Jun 2019 17:09

Tgt Ion:	252	Resp:	208870
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.5	26.3
125	34.4	6.6	9.8#





#90

Benzo(a)pyrene

Concen: 4.078 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021220.D

Acq: 27 Jun 2019 17:09

Instrument :

BNA_M

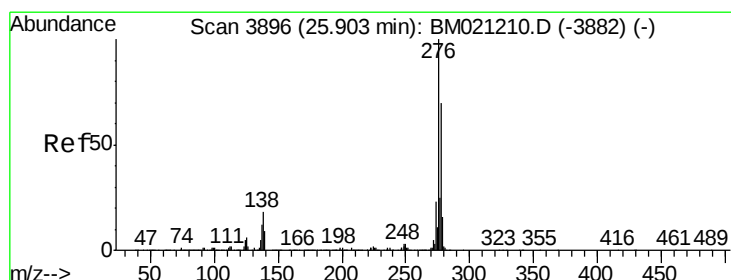
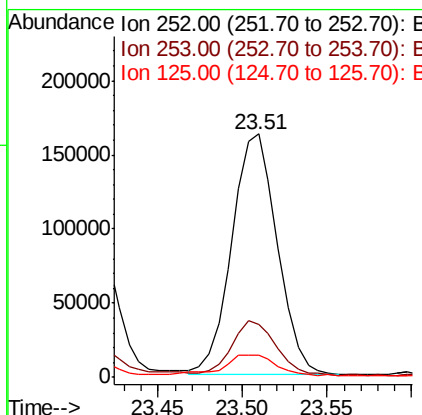
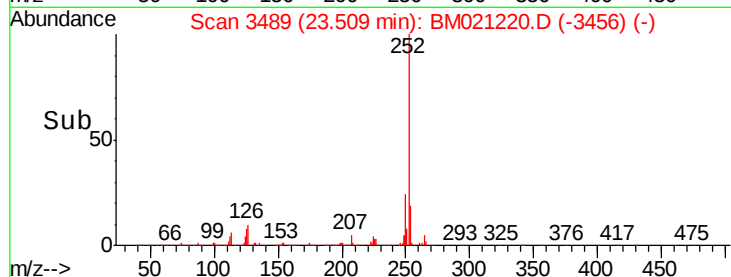
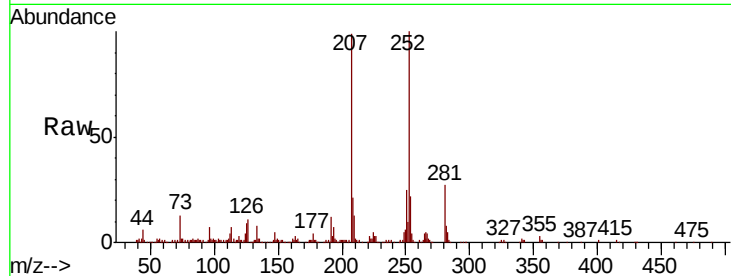
ClientSampleId :

C5AE0

Tot Ion:	252	Resp:	302173
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.8
125	9.3	7.2	10.8

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#91

Indeno(1,2,3-cd)pyrene

Concen: 2.550 ng/ul

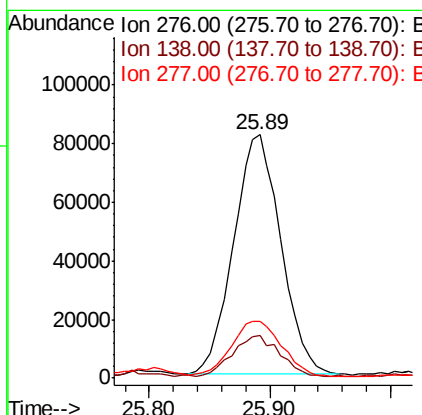
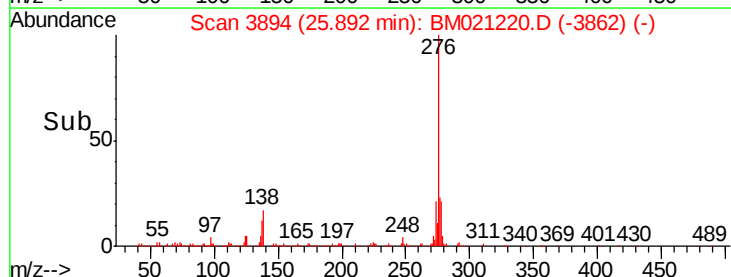
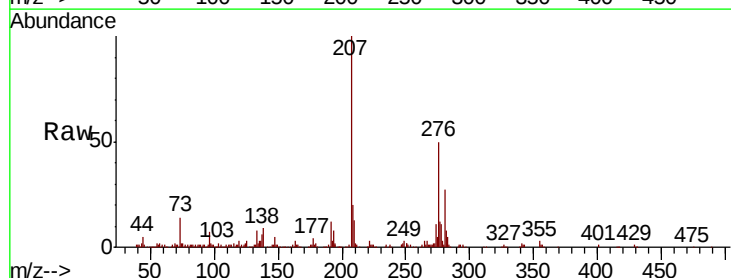
RT: 25.89 min Scan# 3894

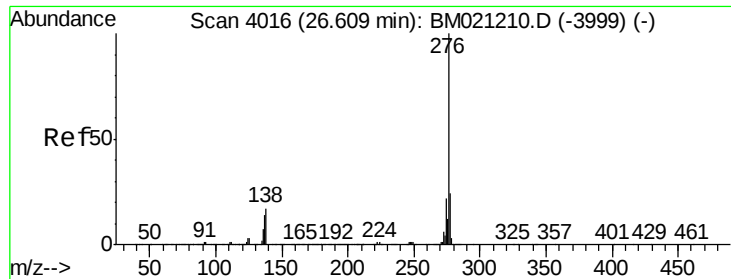
Delta R.T. -0.01 min

Lab File: BM021220.D

Acq: 27 Jun 2019 17:09

Tgt Ion:	276	Resp:	222470
Ion Ratio	Lower	Upper	
276	100		
138	17.7	15.9	23.9
277	23.5	20.4	30.6





#93
 Benzo(a,h,i)perylene
 Concen: 2.488 ng/ul
 RT: 26.60 min Scan# 4014
 Delta R.T. -0.01 min
 Lab File: BM021220.D
 Acq: 27 Jun 2019 17:09

Instrument :
 BNA_M
 ClientSampleId :
 C5AE0

Tot Ion:	276	Resp:	178804
Ion Ratio	Lower	Upper	
276	100		
138	15.9	14.6	21.8
277	25.1	18.9	28.3

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