

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021274.D
 Acq On : 29 Jun 2019 22:29
 Operator : HP/JU
 Sample : K3593-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC4

Quant Time: Jun 30 00:28:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 29 23:19:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	296738	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1301359	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	796408	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1630152	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1145807	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1378516	20.00	ng/ul	0.00

System Monitoring Compounds

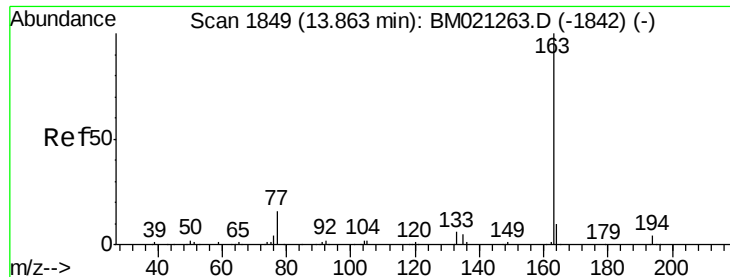
3) 1,4-Dioxane-d8	3.28	96	20013	3.20	ng/uL	0.00
5) Phenol-d5	6.93	99	567506	21.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	337875	21.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	473717	22.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	479330	22.23	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	264953	25.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	314200	26.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	589841	24.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	443006	17.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1846386	25.66	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2196170	24.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	216736	18.52	ng/ul	0.00
57) Fluorene-d10	15.40	176	1563206	24.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	162453	16.21	ng/ul	0.00
70) Anthracene-d10	17.25	188	2083270	24.59	ng/ul	0.00
78) Pyrene-d10	19.54	212	1864496	27.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1950973	23.99	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	13.86	163	251772	3.843 ng/ul	99
69) Phenanthrene	17.19	178	225015	2.496 ng/ul	98
76) Fluoranthene	19.21	202	564879	5.799 ng/ul	99
79) Pyrene	19.57	202	464755	5.737 ng/ul	99
82) Benzo(a)anthracene	21.32	228	228770	2.929 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	143225	3.355 ng/ul	99
84) Chrysene	21.37	228	265787	3.633 ng/ul	99
87) Benzo(b)fluoranthene	22.92	252	415212	4.755 ng/ul#	95
88) Benzo(k)fluoranthene	22.92	252	415212	4.943 ng/ul#	95
90) Benzo(a)pyrene	23.51	252	246958	3.005 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.90	276	203898	2.107 ng/ul	99
93) Benzo(g,h,i)perylene	26.60	276	172866	2.169 ng/ul	99

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

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ALS Vial : 21 Sample Multiplier: 1



#44

Dimethylphthalate

Concen: 3.843 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BM021274.D

Acq: 29 Jun 2019 22:29

Instrument :

BNA_M

ClientSampleId :

C5BC4

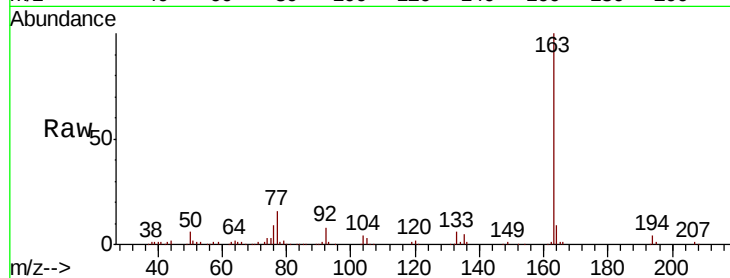
Tgt Ion:163 Resp: 251772

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

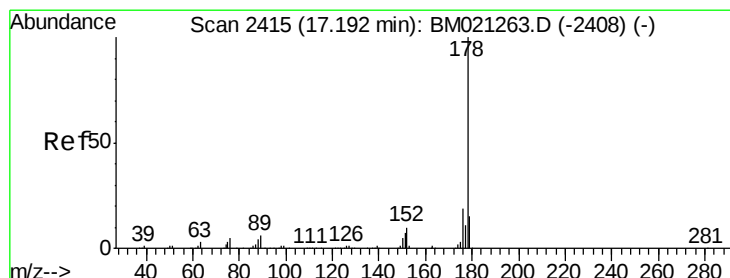
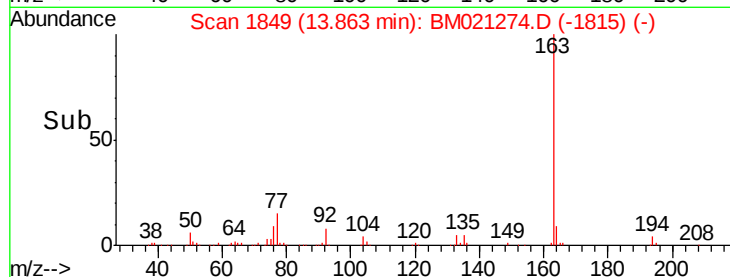
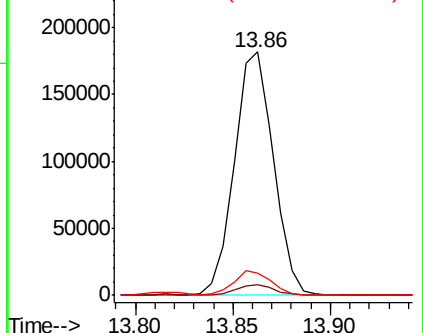
164 9.2 7.7 11.5



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: 2.496 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM021274.D

Acq: 29 Jun 2019 22:29

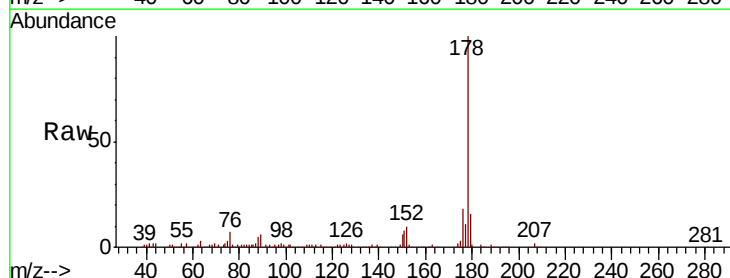
Tgt Ion:178 Resp: 225015

Ion Ratio Lower Upper

178 100

179 16.0 11.8 17.8

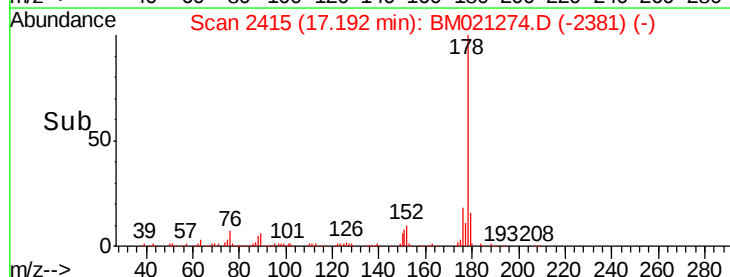
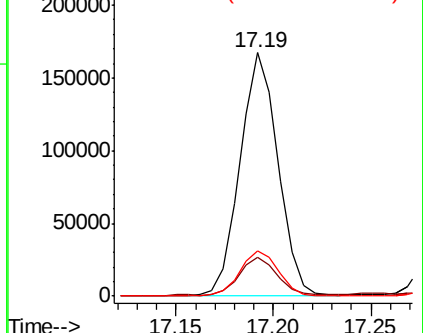
176 18.4 15.0 22.6

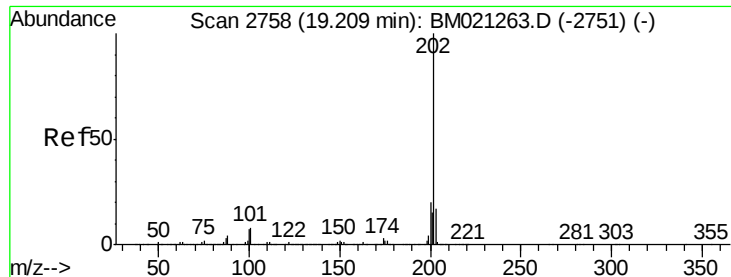


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

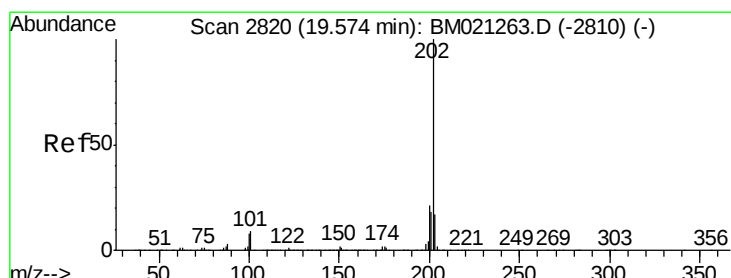
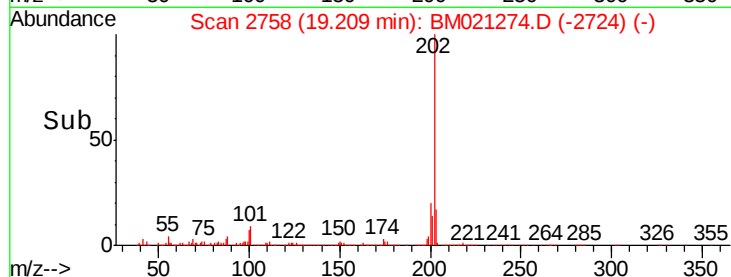
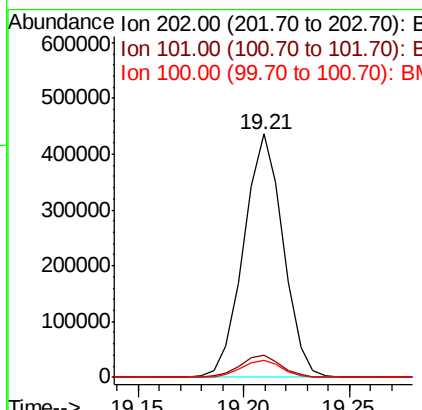
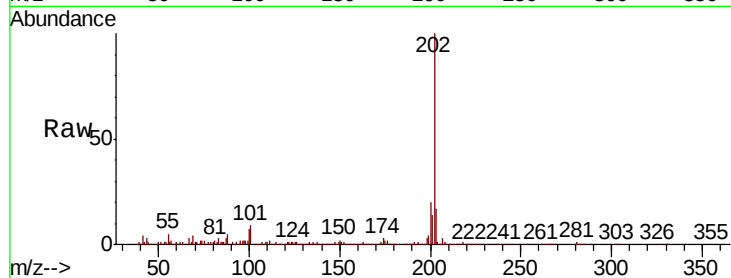




#76
Fluoranthene
Concen: 5.799 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.00 min
Lab File: BM021274.D
Acq: 29 Jun 2019 22:29

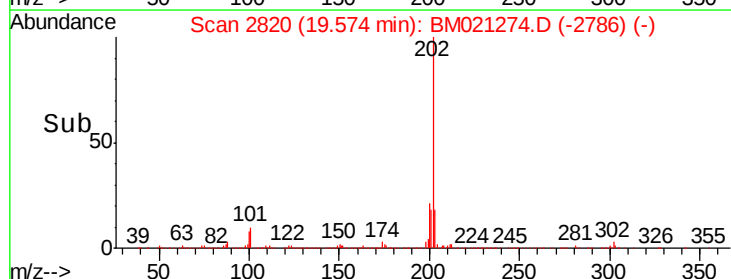
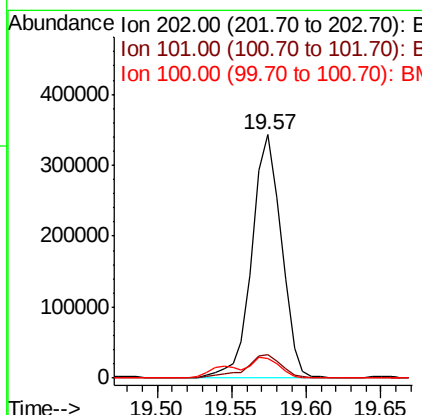
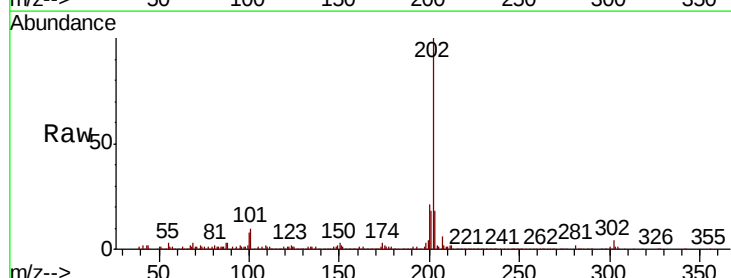
Instrument :
BNA_M
ClientSampleId :
C5BC4

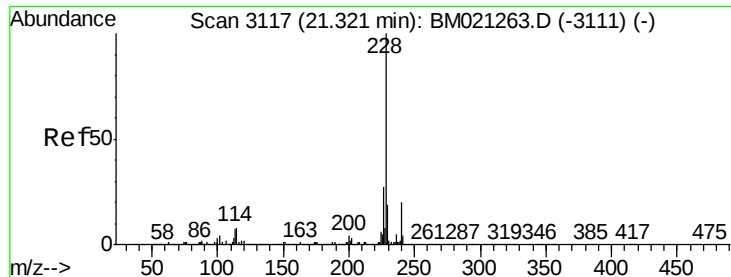
Tgt Ion:	202	Resp:	564879
Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.7	10.1
100	6.9	5.5	8.3



#79
Pyrene
Concen: 5.737 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BM021274.D
Acq: 29 Jun 2019 22:29

Tgt Ion:	202	Resp:	464755
Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.1	12.1
100	8.2	6.6	10.0





#82

Benzo(a)anthracene

Concen: 2.929 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM021274.D

Acq: 29 Jun 2019 22:29

Instrument :

BNA_M

ClientSampled :

C5BC4

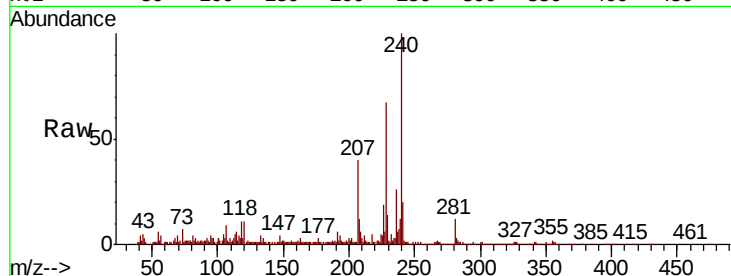
Tgt Ion:228 Resp: 228770

Ion Ratio Lower Upper

228 100

229 21.0 15.8 23.8

226 28.0 21.4 32.2

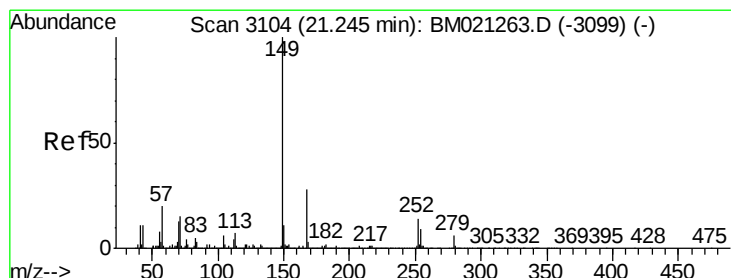
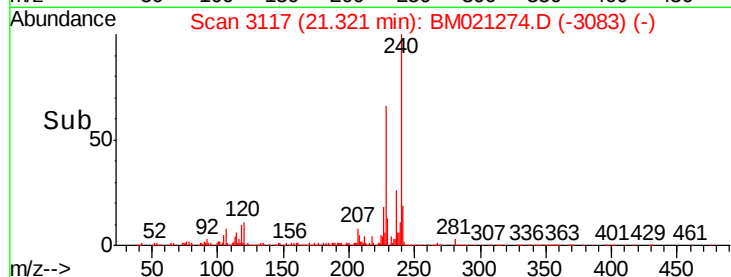
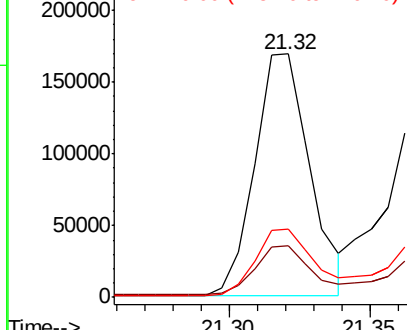


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.355 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM021274.D

Acq: 29 Jun 2019 22:29

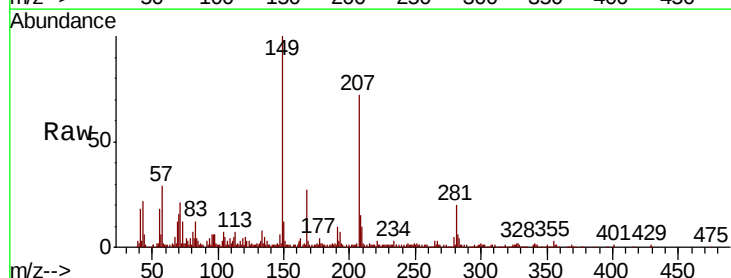
Tgt Ion:149 Resp: 143225

Ion Ratio Lower Upper

149 100

167 27.4 22.3 33.5

279 5.3 3.8 5.6

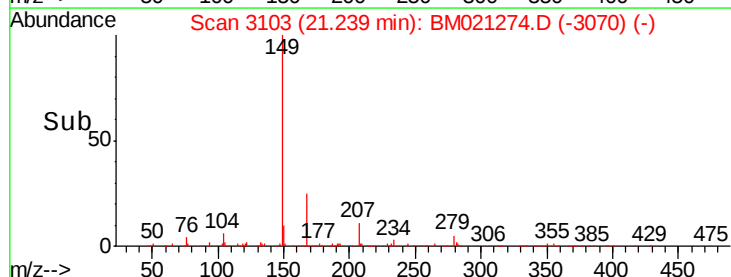
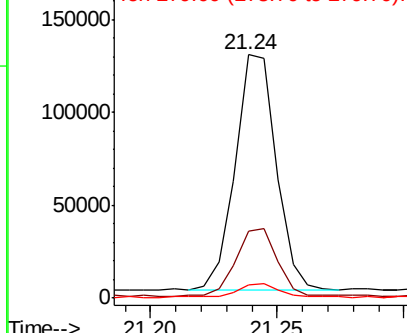


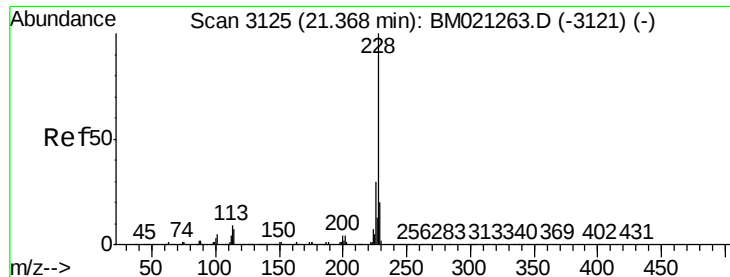
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 3.633 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BM021274.D

Acq: 29 Jun 2019 22:29

Instrument :

BNA_M

ClientSampleId :

C5BC4

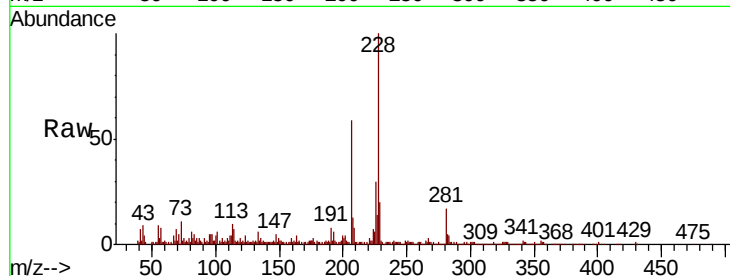
Tgt Ion:228 Resp: 265787

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

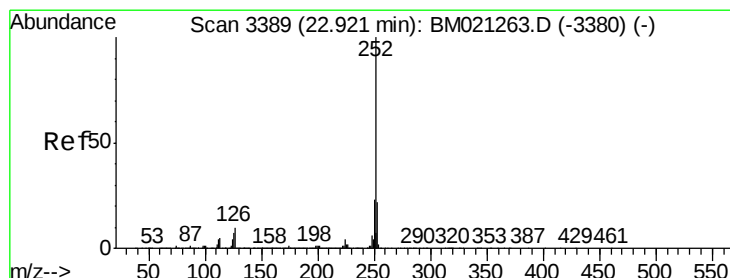
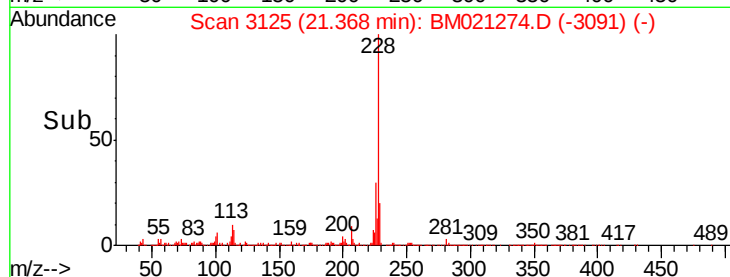
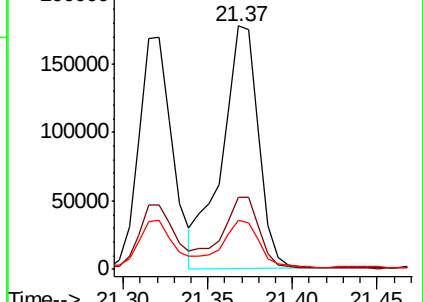
229 20.4 15.4 23.2



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: 4.755 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.00 min

Lab File: BM021274.D

Acq: 29 Jun 2019 22:29

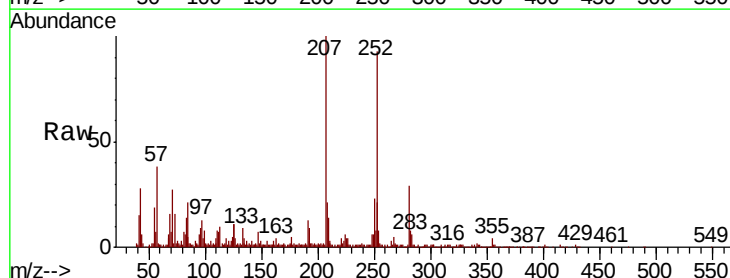
Tgt Ion:252 Resp: 415212

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

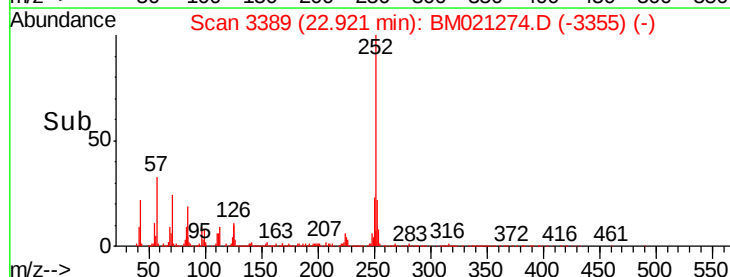
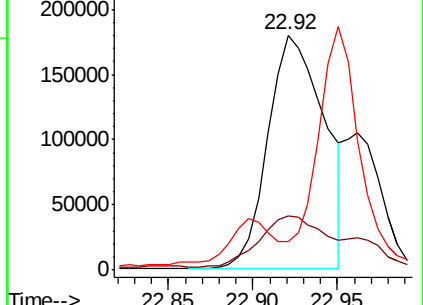
125 12.0 6.3 9.5#

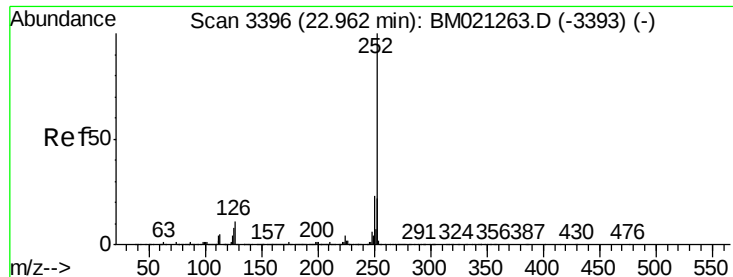


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 4.943 ng/u1

RT: 22.92 min Scan# 3389

Delta R.T. -0.04 min

Lab File: BM021274.D

Acq: 29 Jun 2019 22:29

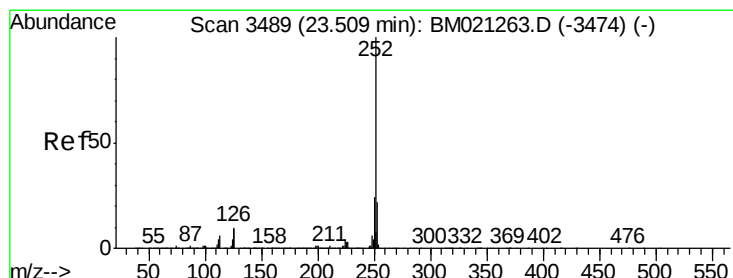
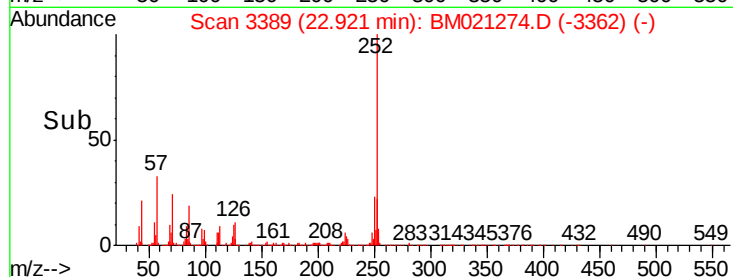
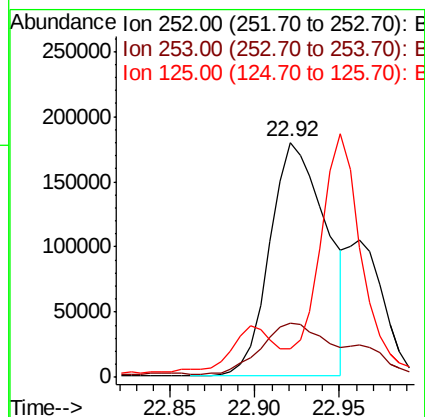
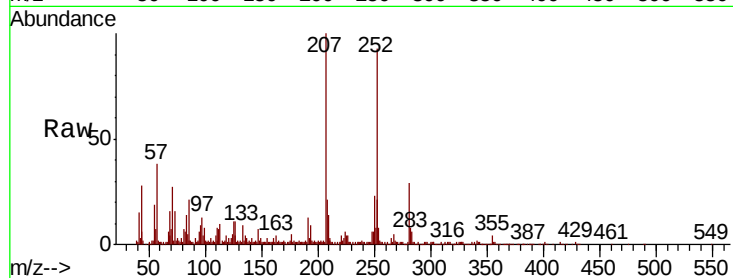
Instrument :

BNA_M

ClientSampleId :

C5BC4

Tgt Ion:	252	Resp:	415212
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	12.0	6.6	9.8#



#90

Benzo(a)pyrene

Concen: 3.005 ng/u1

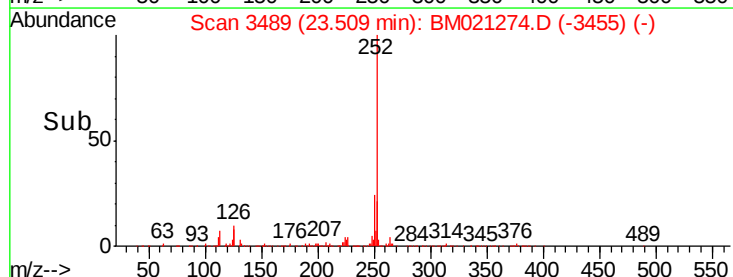
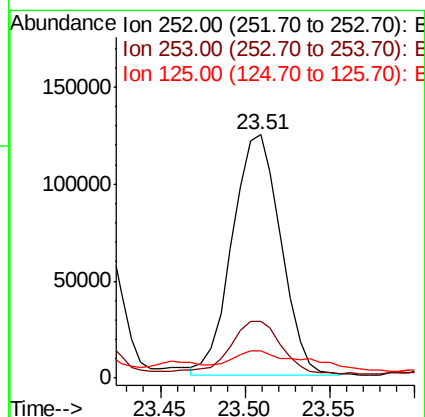
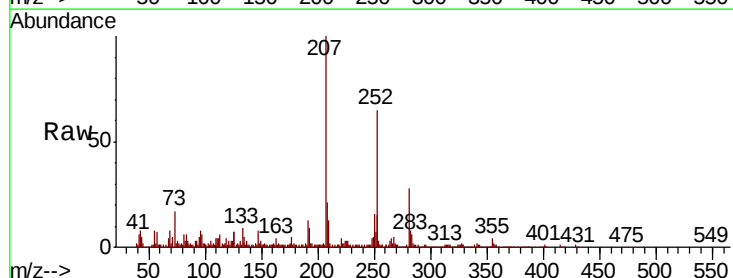
RT: 23.51 min Scan# 3489

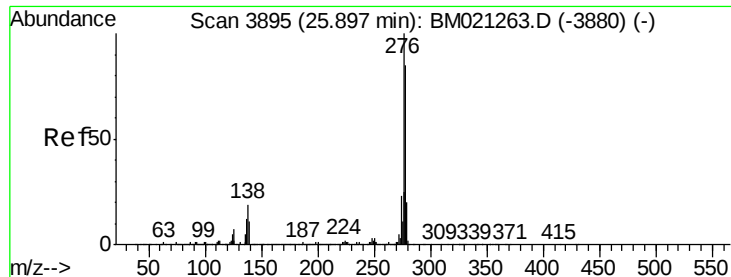
Delta R.T. -0.00 min

Lab File: BM021274.D

Acq: 29 Jun 2019 22:29

Tgt Ion:	252	Resp:	246958
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.8
125	11.3	7.2	10.8#



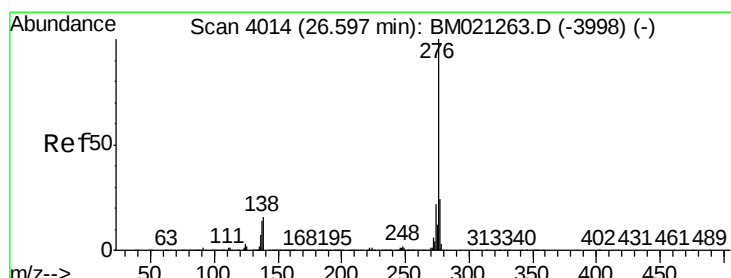
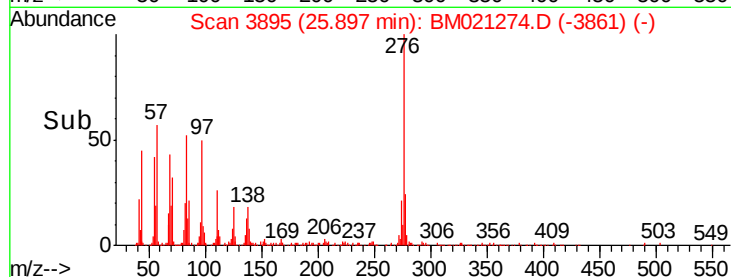
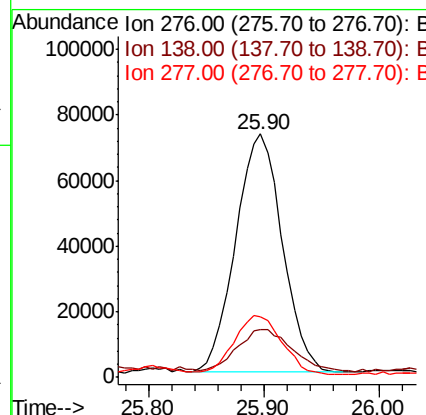
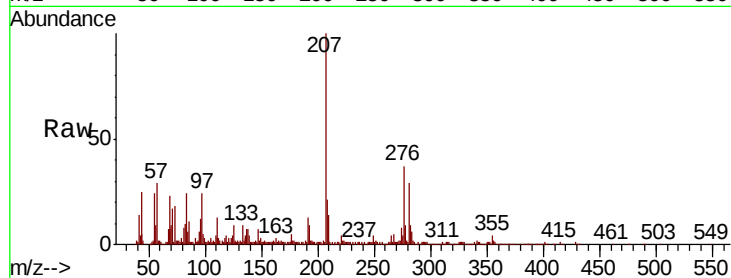


#91

Indeno(1,2,3-cd)pyrene
Concen: 2.107 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.00 min
Lab File: BM021274.D
Acq: 29 Jun 2019 22:29

Instrument :
BNA_M
ClientSampleId :
C5BC4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	15.9	23.9
277	24.6	20.4	30.6



#93

Benzo(g,h,i)perylene
Concen: 2.169 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. 0.01 min
Lab File: BM021274.D
Acq: 29 Jun 2019 22:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	14.6	21.8
277	23.7	18.9	28.3

