

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021262.D
 Acq On : 29 Jun 2019 15:14
 Operator : HP/JU
 Sample : K3593-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BD5

Quant Time: Jun 29 22:20:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 05:07:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	293770	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1288487	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	798123	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1657714	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1193752	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1378454	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	24890	4.02	ng/uL	0.00
5) Phenol-d5	6.93	99	592763	23.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	339857	22.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	496621	23.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	515477	24.15	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	257791	24.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	307037	26.44	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	588000	24.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	151777	6.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1776596	24.64	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2104575	23.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	221285	18.86	ng/ul	0.00
57) Fluorene-d10	15.39	176	1503357	23.97	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	182925	17.95	ng/ul	-0.01
70) Anthracene-d10	17.24	188	2060679	23.92	ng/ul	-0.01
78) Pyrene-d10	19.54	212	1835382	25.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1900321	23.37	ng/ul	0.00

Target Compounds

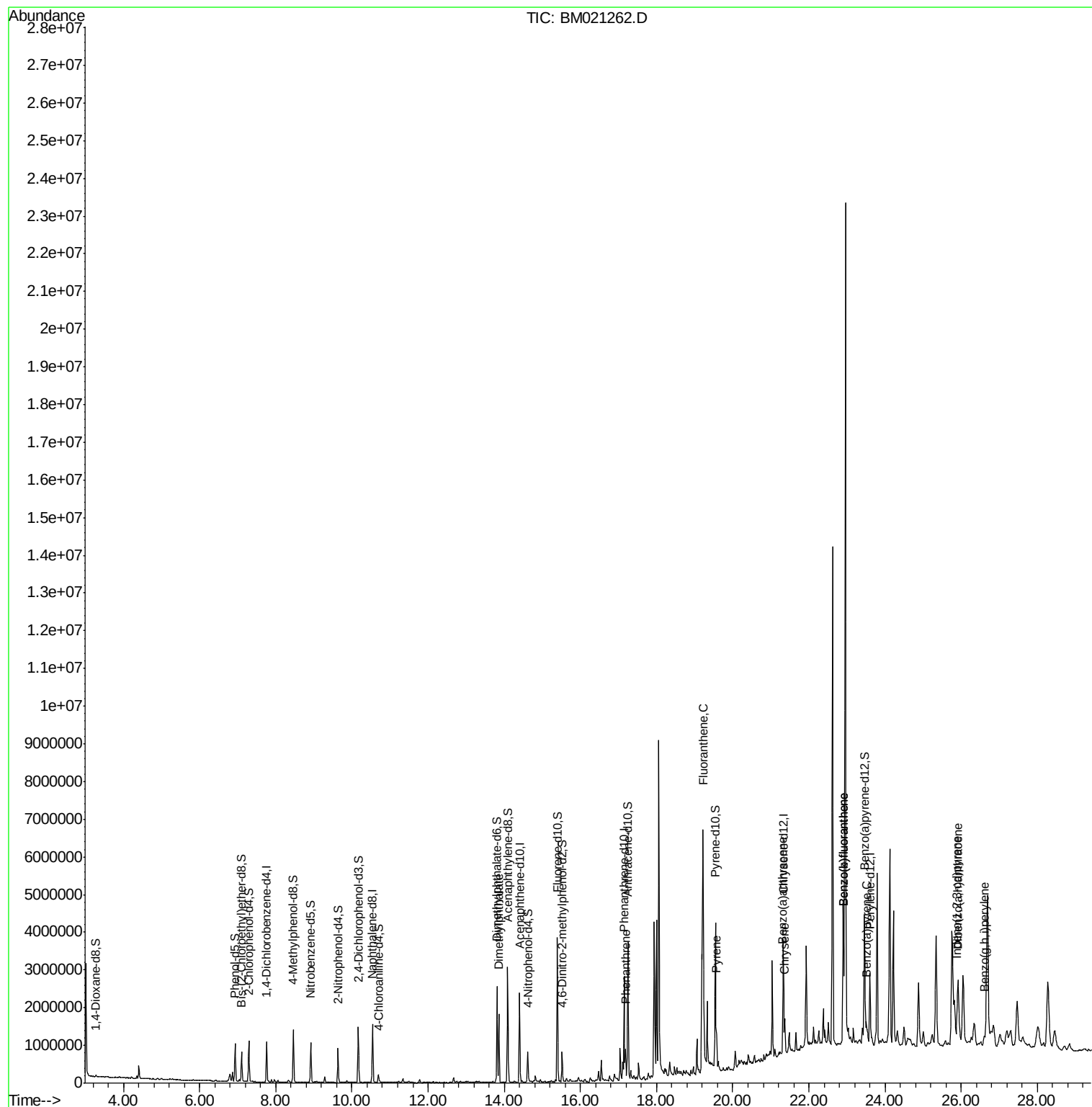
					Qvalue	
44) Dimethylphthalate	13.86	163	1181913	18.004	ng/ul	99
69) Phenanthrene	17.19	178	330754	3.608	ng/ul	99
76) Fluoranthene	19.21	202	991567	10.010	ng/ul#	95
79) Pyrene	19.57	202	817353	9.685	ng/ul	100
82) Benzo(a)anthracene	21.32	228	409237	5.028	ng/ul	99
84) Chrysene	21.37	228	472747	6.202	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	757476	8.675	ng/ul#	95
88) Benzo(k)fluoranthene	22.92	252	757476	9.017	ng/ul#	95
90) Benzo(a)pyrene	23.50	252	453095	5.513	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.89	276	381693	3.944	ng/ul	97
92) Dibenzo(a,h)anthracene	25.90	278	97724	1.200	ng/ul#	69
93) Benzo(g,h,i)perylene	26.60	276	319292	4.006	ng/ul	97

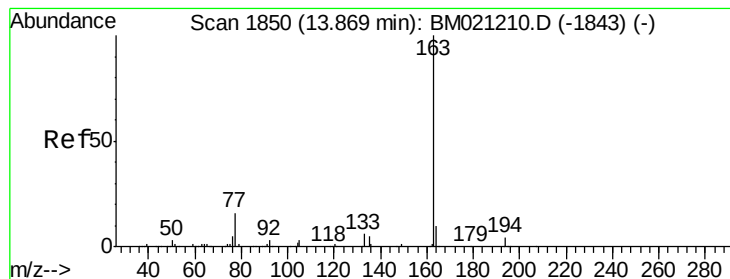
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 18.004 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

Instrument :

BNA_M

ClientSampleId :

C5BD5

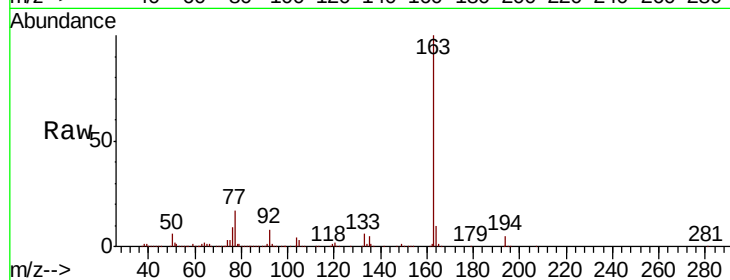
Tgt Ion:163 Resp: 1181913

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 10.1 7.7 11.5

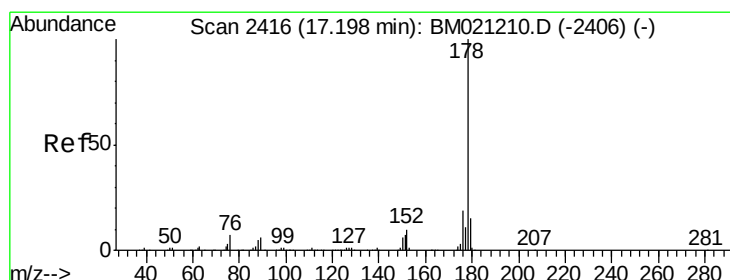
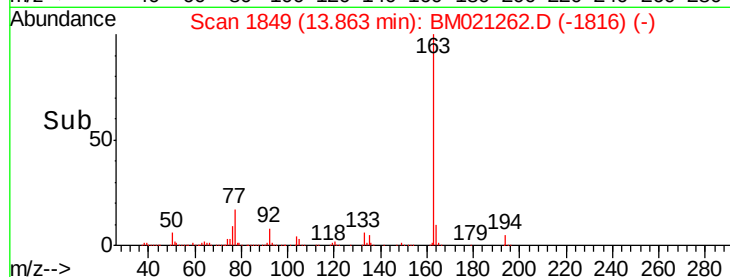
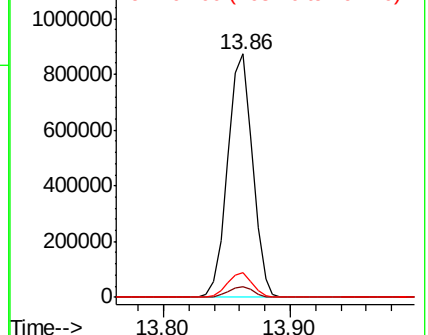


Abundance

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: 3.608 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

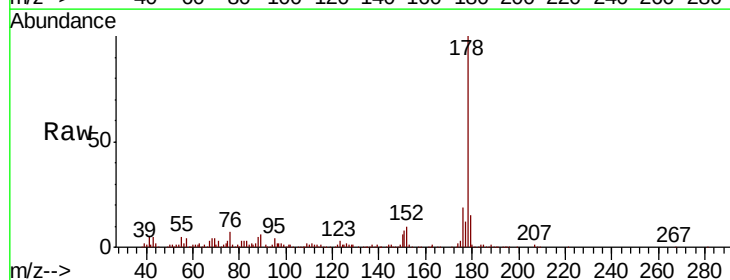
Tgt Ion:178 Resp: 330754

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

176 18.7 15.0 22.6

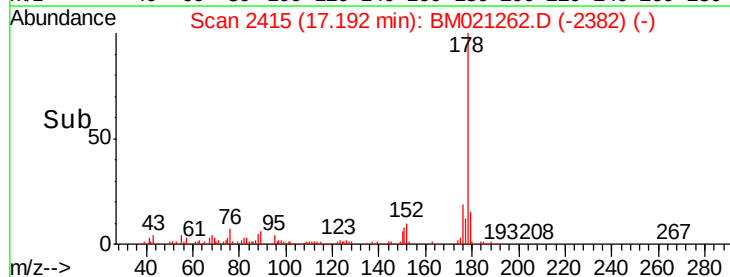
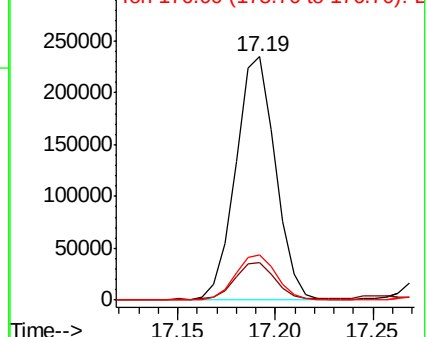


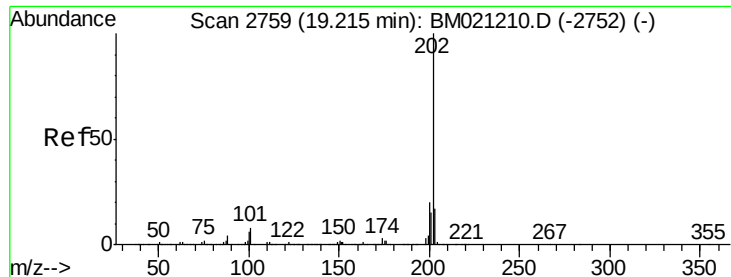
Abundance

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: 10.010 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

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Instrument :

BNA_M

ClientSampleId :

C5BD5

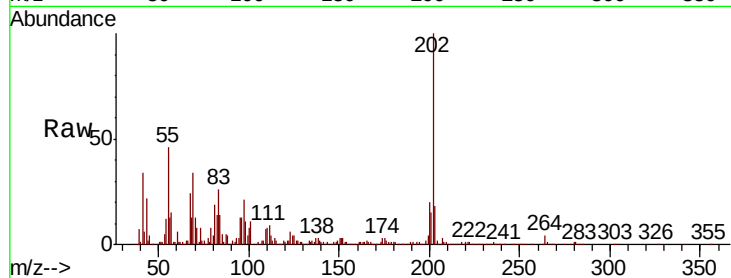
Tgt Ion:202 Resp: 991567

Ion Ratio Lower Upper

202 100

101 10.7 6.7 10.1#

100 7.8 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

1000000

800000

600000

400000

200000

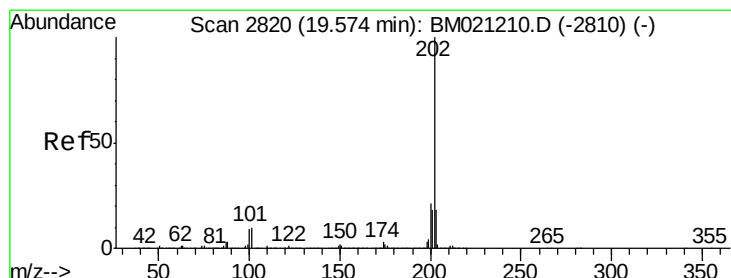
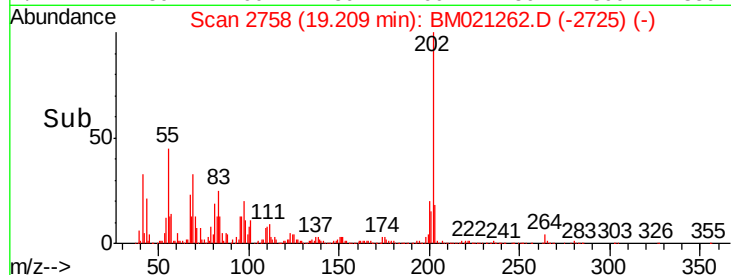
0

19.15

19.20

19.25

Time-->



#79

Pyrene

Concen: 9.685 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

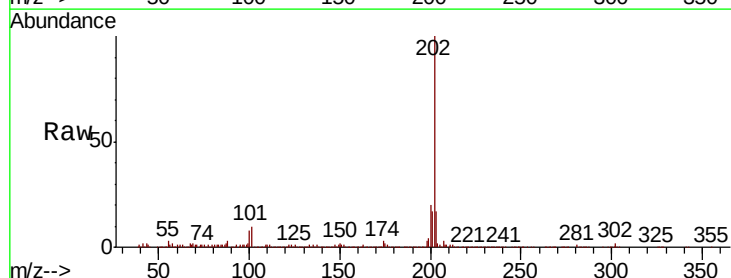
Tgt Ion:202 Resp: 817353

Ion Ratio Lower Upper

202 100

101 10.0 8.1 12.1

100 8.1 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

800000

600000

400000

200000

0

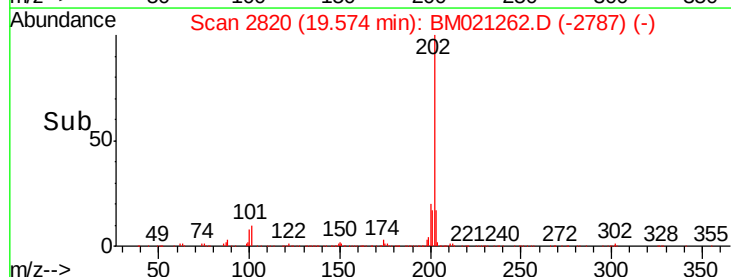
19.50

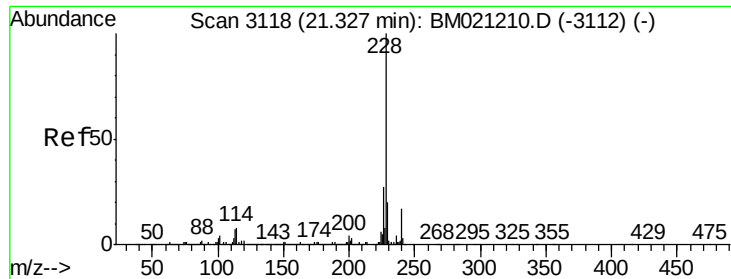
19.55

19.60

19.65

Time-->





#82

Benzo(a)anthracene

Concen: 5.028 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

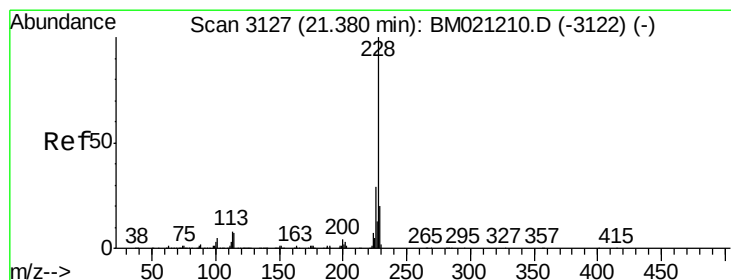
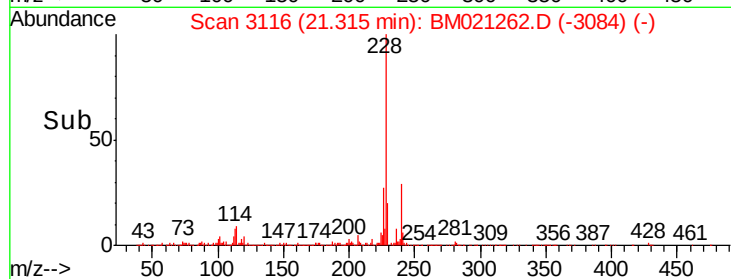
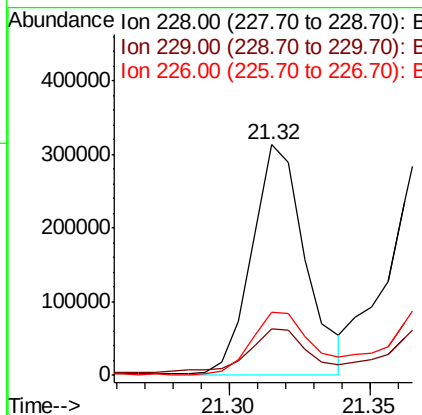
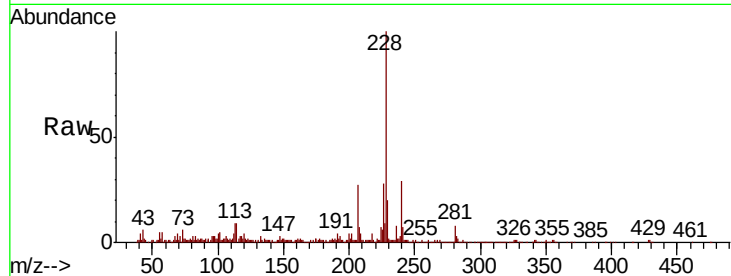
Instrument :

BNA_M

ClientSampleId :

C5BD5

Tgt Ion:	228	Resp:	409237
Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	27.6	21.4	32.2



#84

Chrysene

Concen: 6.202 ng/ul

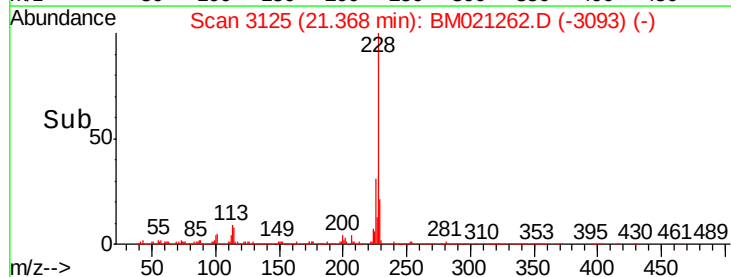
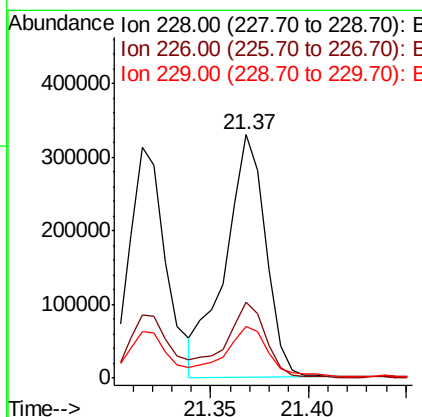
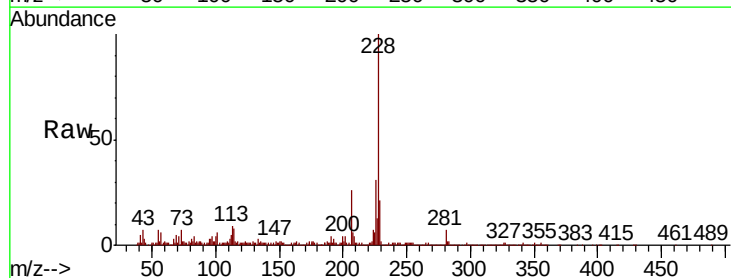
RT: 21.37 min Scan# 3125

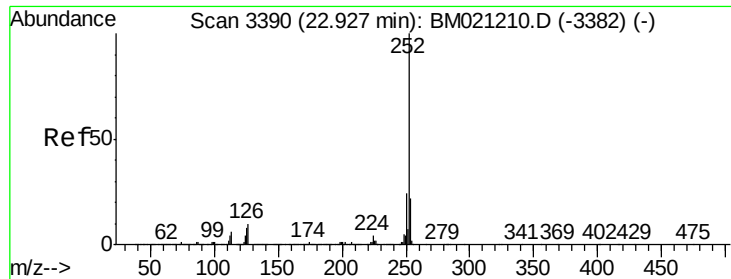
Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

Tgt Ion:	228	Resp:	472747
Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.9	35.9
229	21.5	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 8.675 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

Instrument :

BNA_M

ClientSampleId :

C5BD5

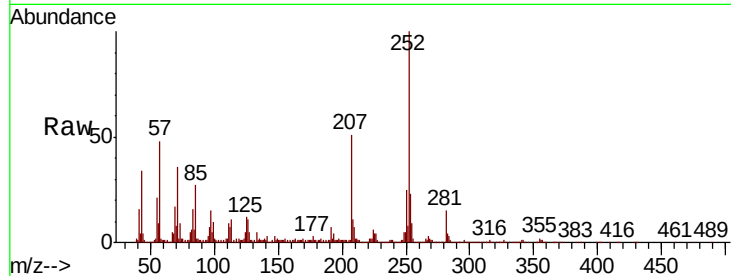
Tgt Ion:252 Resp: 757476

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 11.6 6.3 9.5#

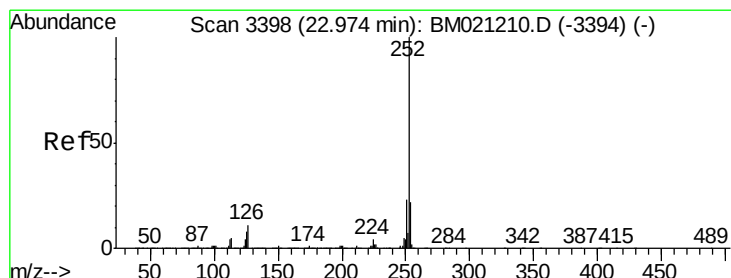
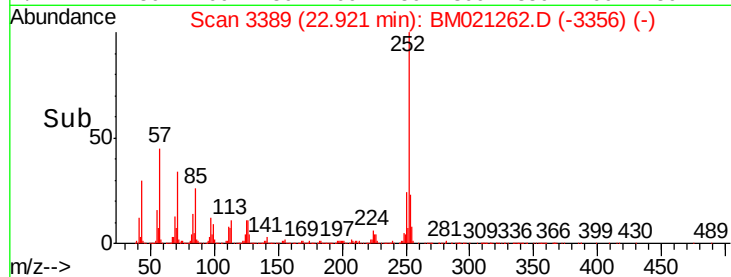
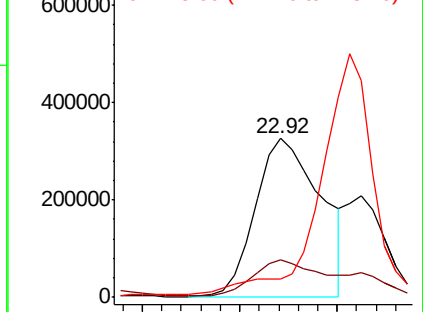


Abundance

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: 9.017 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.05 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

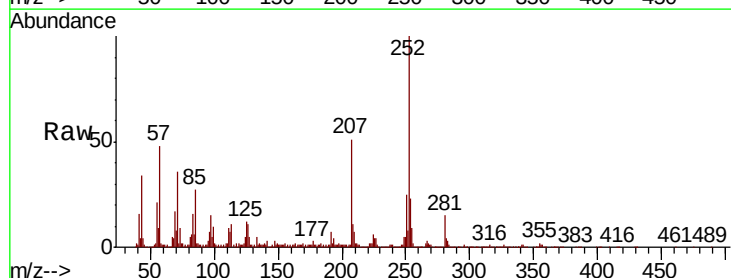
Tgt Ion:252 Resp: 757476

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 11.6 6.6 9.8#

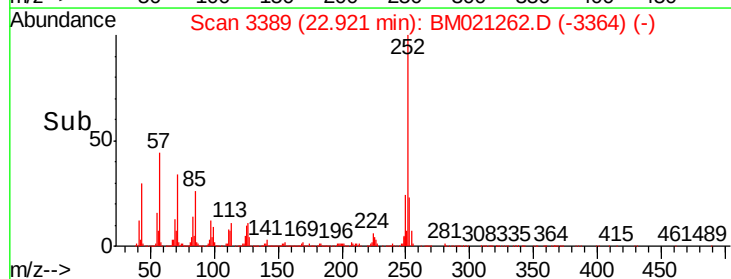
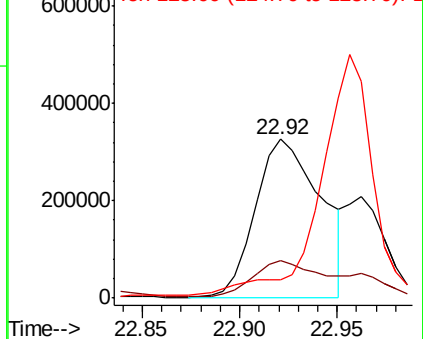


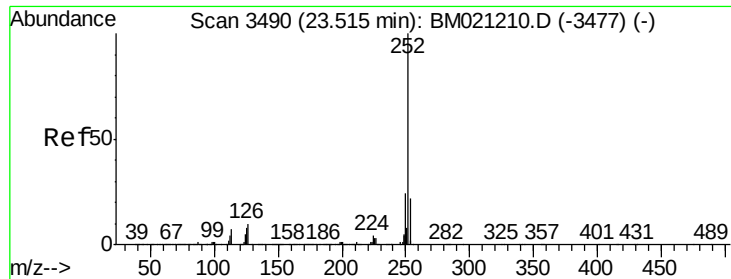
Abundance

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: 5.513 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

Instrument :

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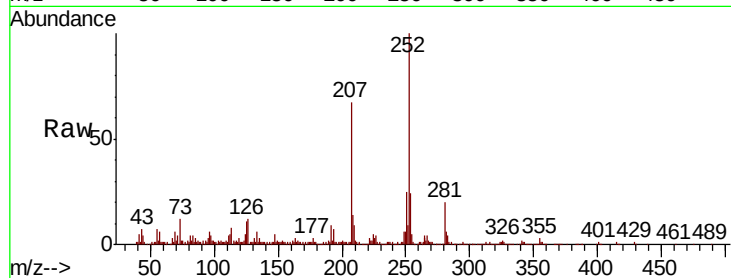
Tgt Ion:252 Resp: 453095

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.8

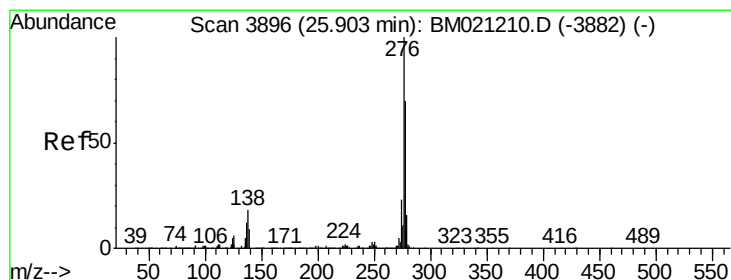
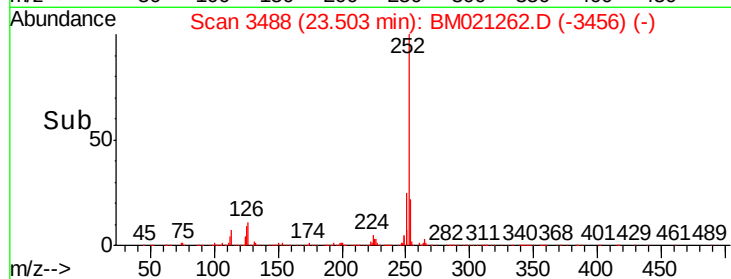
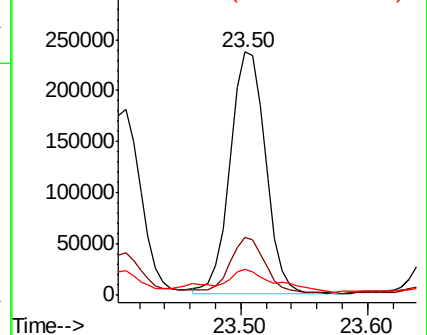
125 10.6 7.2 10.8



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.944 ng/ul

RT: 25.89 min Scan# 3894

Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

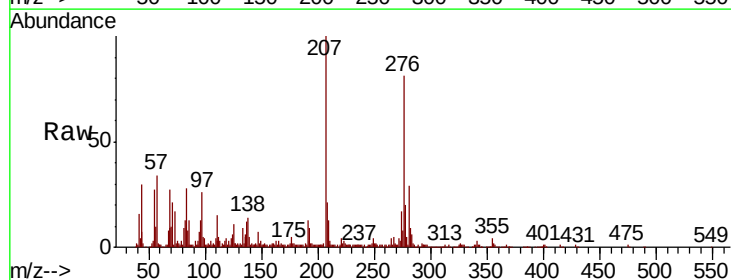
Tgt Ion:276 Resp: 381693

Ion Ratio Lower Upper

276 100

138 17.4 15.9 23.9

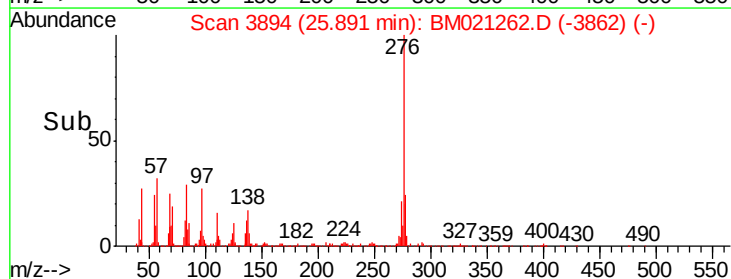
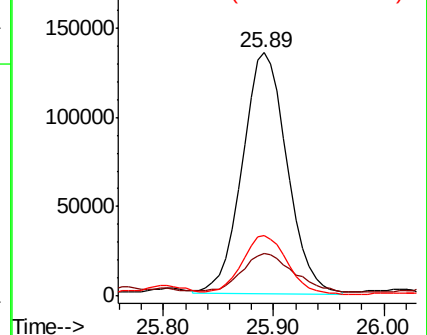
277 24.9 20.4 30.6

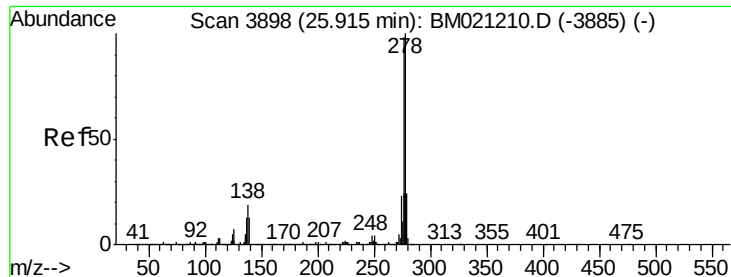


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 1.200 ng/ul

RT: 25.90 min Scan# 3895

Delta R.T. -0.02 min

Lab File: BM021262.D

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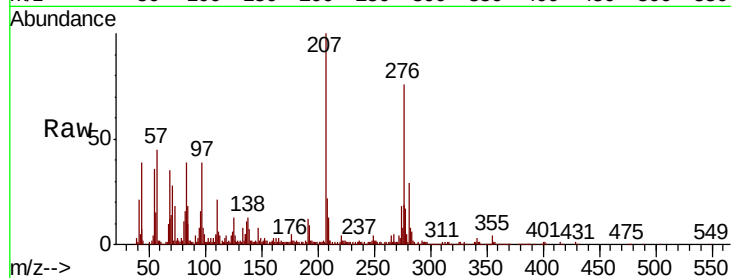
Tgt Ion:278 Resp: 97724

Ion Ratio Lower Upper

278 100

139 40.4 10.6 15.8#

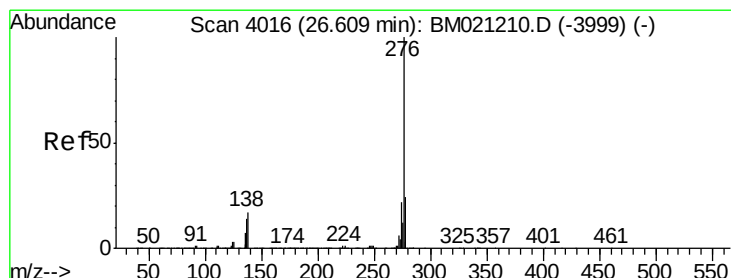
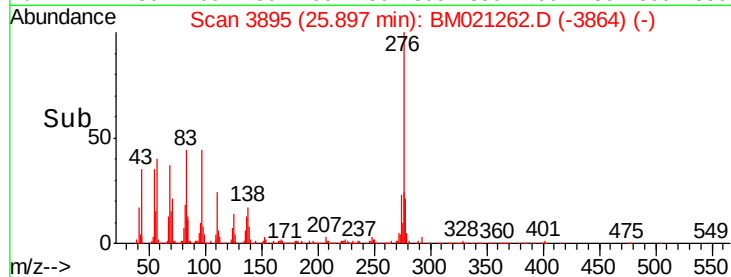
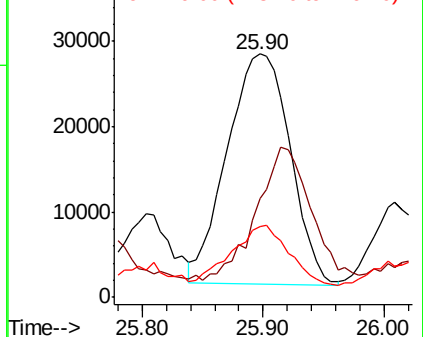
279 29.1 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 4.006 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

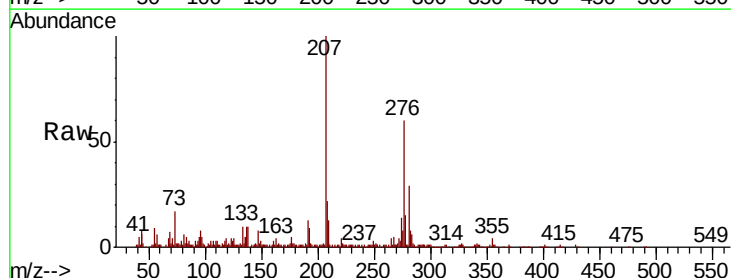
Tgt Ion:276 Resp: 319292

Ion Ratio Lower Upper

276 100

138 17.1 14.6 21.8

277 24.9 18.9 28.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

