

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021258.D
 Acq On : 29 Jun 2019 12:49
 Operator : HP/JU
 Sample : K3593-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC2

Quant Time: Jun 29 22:19:23 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	267421	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1164538	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	730115	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1660620	20.00	ng/ul	-0.01
77) Chrysene-d12	21.33	240	1203495	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1280679	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	25355	4.50	ng/uL	0.00
5) Phenol-d5	6.93	99	630646	27.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	365461	26.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	521708	27.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	558635	28.75	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	273364	28.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	318938	30.38	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	634149	29.71	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.70	131	207800	9.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	2049850	31.07	ng/ul	-0.01
46) Acenaphthylene-d8	14.09	160	2404384	29.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	272481	25.39	ng/ul	0.00
57) Fluorene-d10	15.39	176	1799392	31.36	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	249444	24.44	ng/ul	-0.01
70) Anthracene-d10	17.24	188	2725675	31.58	ng/ul	-0.01
78) Pyrene-d10	19.54	212	2627638	36.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2309426	30.56	ng/ul	0.00

Target Compounds

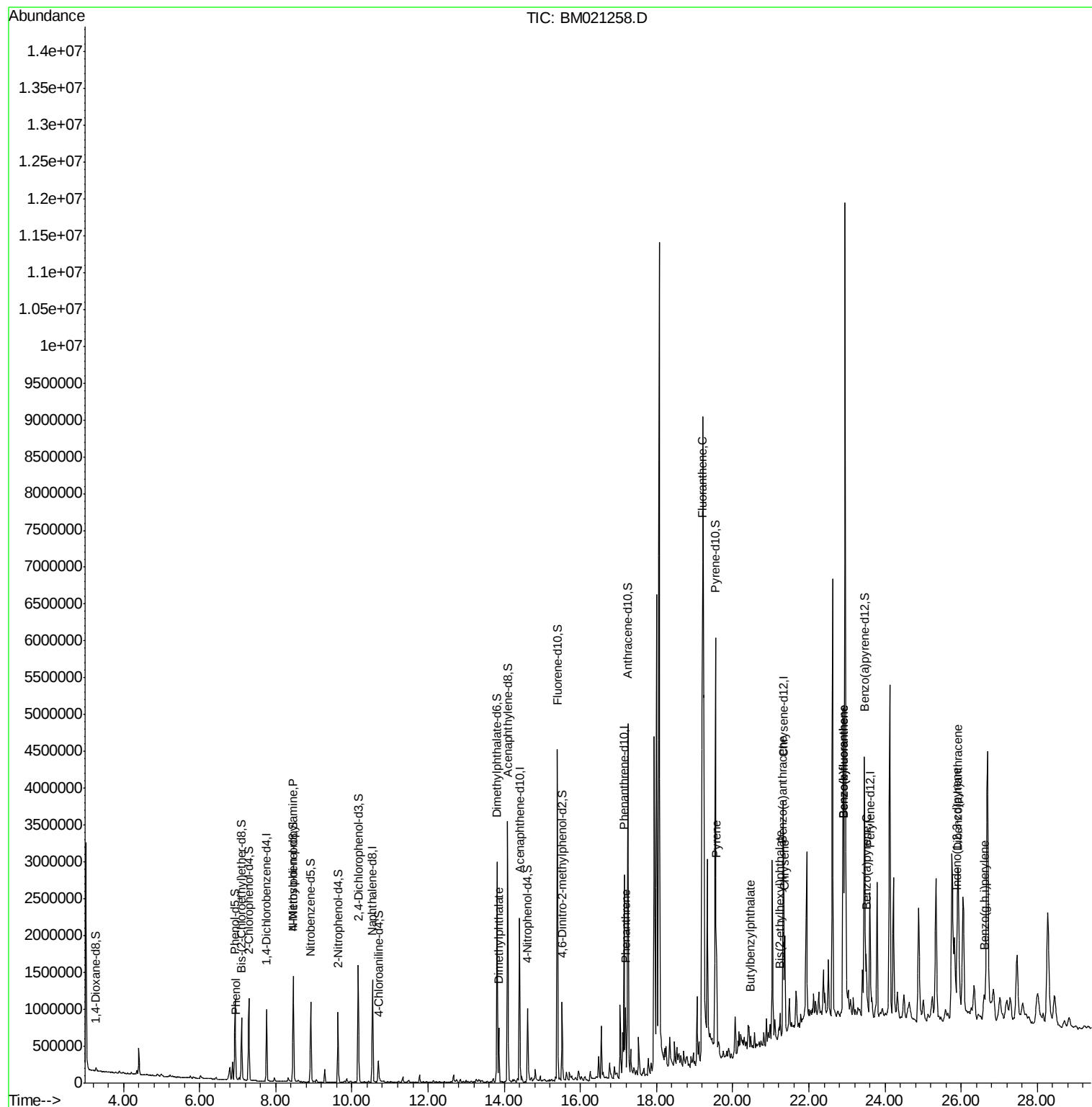
					Qvalue	
6) Phenol	6.95	94	38063	1.729	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.46	70	15462	1.062	ng/ul#	1
44) Dimethylphthalate	13.86	163	469388	7.816	ng/ul	98
69) Phenanthrene	17.19	178	502096	5.467	ng/ul	99
76) Fluoranthene	19.20	202	1538145	15.500	ng/ul	98
79) Pyrene	19.57	202	1228019	14.433	ng/ul	99
80) Butylbenzylphthalate	20.47	149	37034	1.176	ng/ul	97
82) Benzo(a)anthracene	21.32	228	608071	7.411	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	112433	2.507	ng/ul	98
84) Chrysene	21.37	228	717016	9.331	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	1094560	13.492	ng/ul	97
88) Benzo(k)fluoranthene	22.92	252	1094560	14.025	ng/ul	98
90) Benzo(a)pyrene	23.51	252	633000	8.290	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	555478	6.178	ng/ul	96
92) Dibenzo(a,h)anthracene	25.90	278	135644	1.793	ng/ul#	82
93) Benzo(g,h,i)perylene	26.60	276	473402	6.393	ng/ul	97

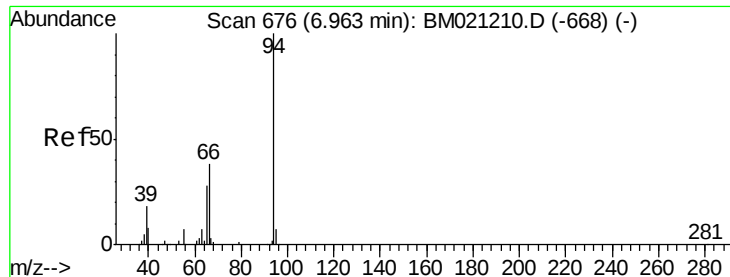
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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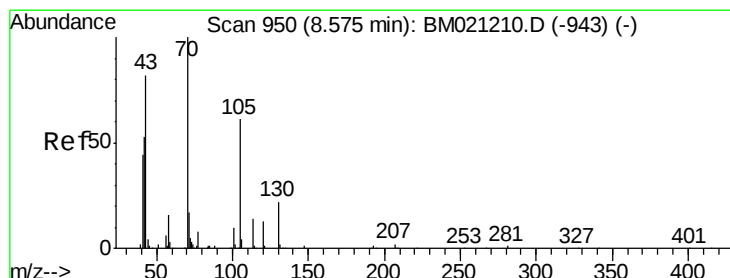
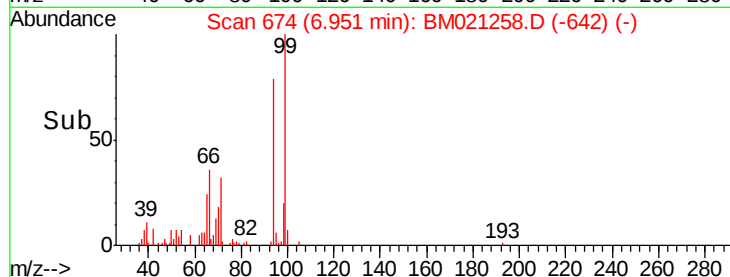
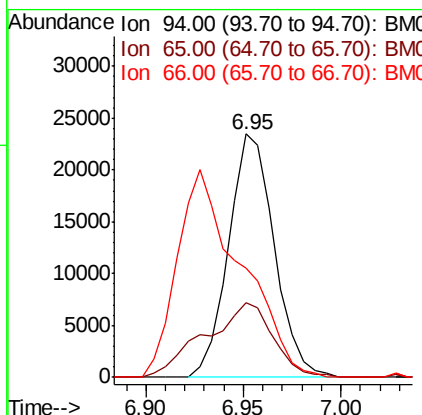
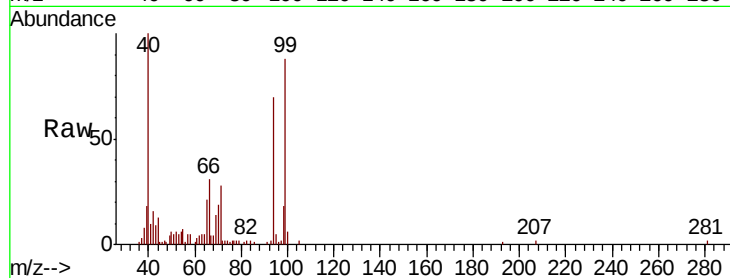
#6

Phenol

Concen: 1.729 ng/ul
 RT: 6.95 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BM021258.D
 Acq: 29 Jun 2019 12:49

Instrument :
 BNA_M
 ClientSampleId :
 C5BC2

Tgt Ion: 94 Resp: 38063
 Ion Ratio Lower Upper
 94 100
 65 30.6 22.6 34.0
 66 44.9 31.2 46.8

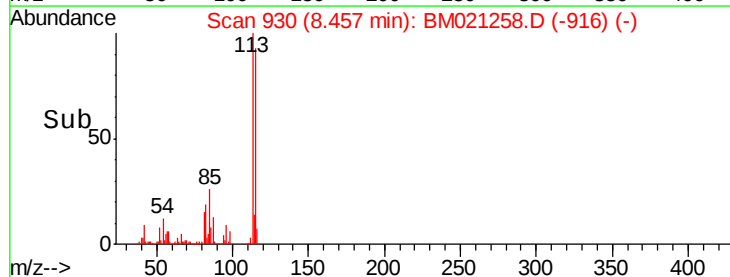
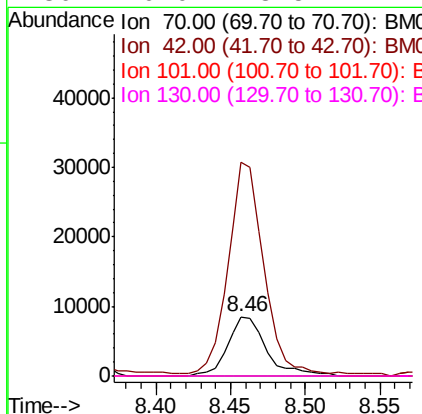
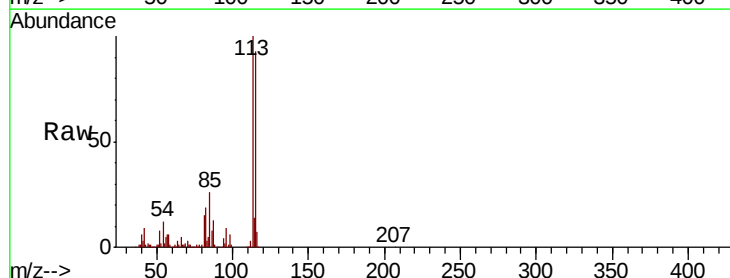


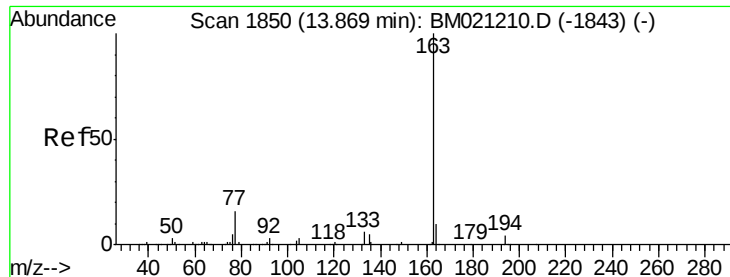
#15

N-Nitroso-di-n-propylamine

Concen: 1.062 ng/ul
 RT: 8.46 min Scan# 930
 Delta R.T. -0.12 min
 Lab File: BM021258.D
 Acq: 29 Jun 2019 12:49

Tgt Ion: 70 Resp: 15462
 Ion Ratio Lower Upper
 70 100
 42 359.9 43.4 65.0#
 101 0.0 7.8 11.6#
 130 0.0 18.5 27.7#





#44

Dimethylphthalate

Concen: 7.816 ng/ul

RT: 13.86 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

Instrument :

BNA_M

ClientSampleId :

C5BC2

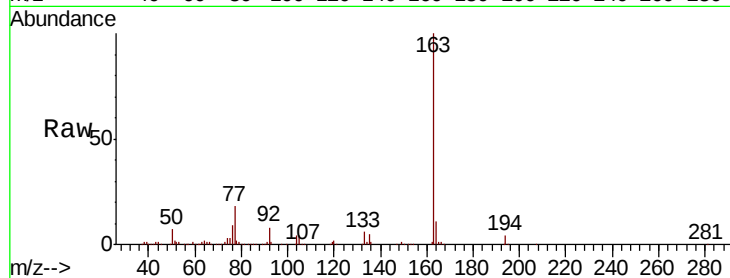
Tgt Ion:163 Resp: 469388

Ion Ratio Lower Upper

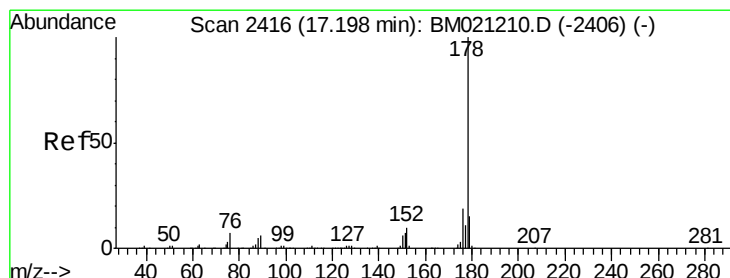
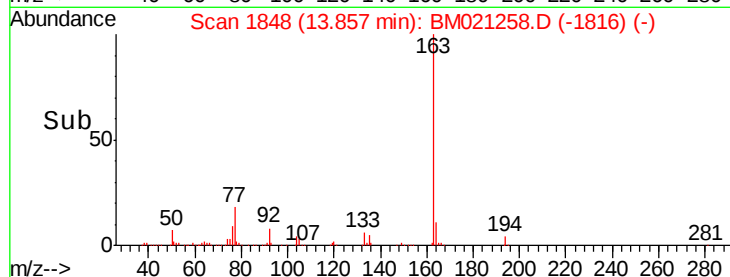
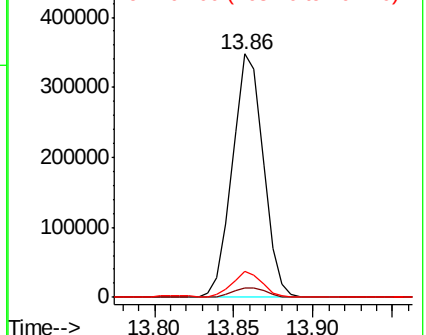
163 100

194 3.9 3.4 5.2

164 10.6 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: 5.467 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

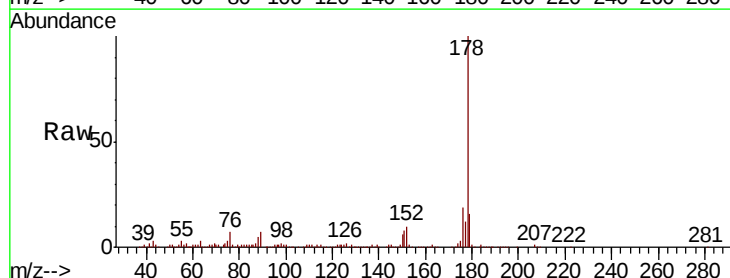
Tgt Ion:178 Resp: 502096

Ion Ratio Lower Upper

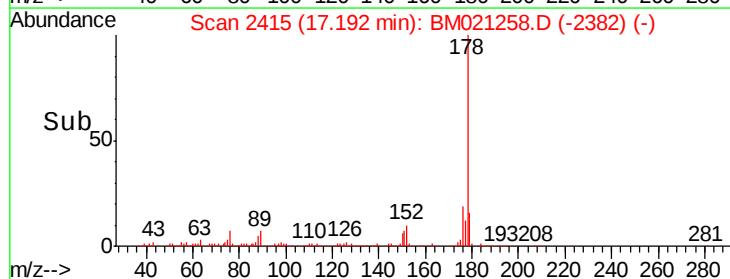
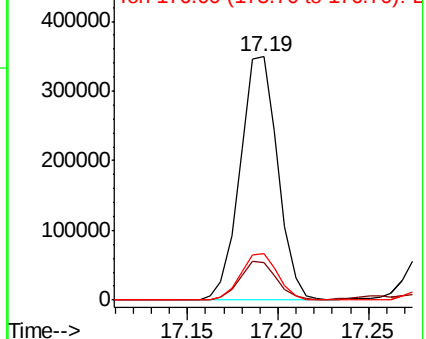
178 100

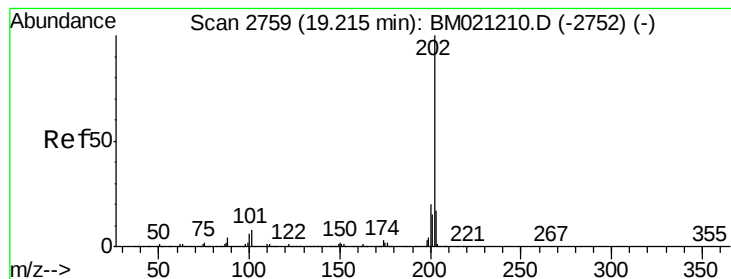
179 15.6 11.8 17.8

176 19.2 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: 15.500 ng/ul

RT: 19.20 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

Instrument :

BNA_M

ClientSampleId :

C5BC2

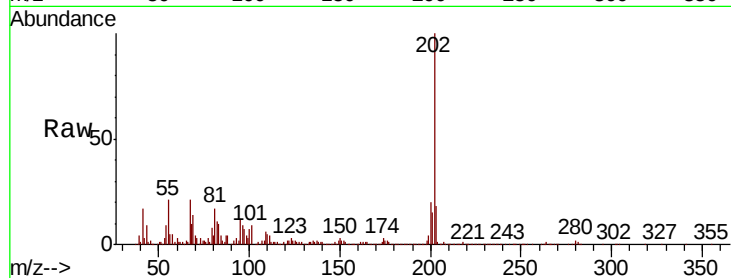
Tgt Ion:202 Resp: 1538145

Ion Ratio Lower Upper

202 100

101 9.3 6.7 10.1

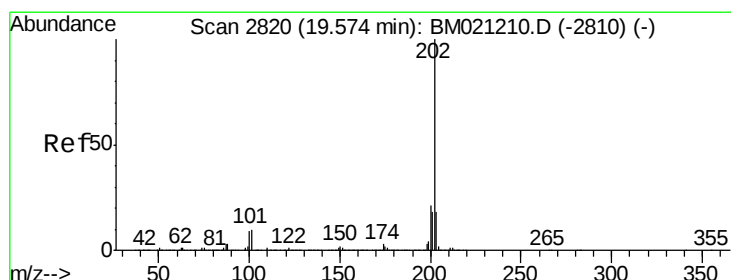
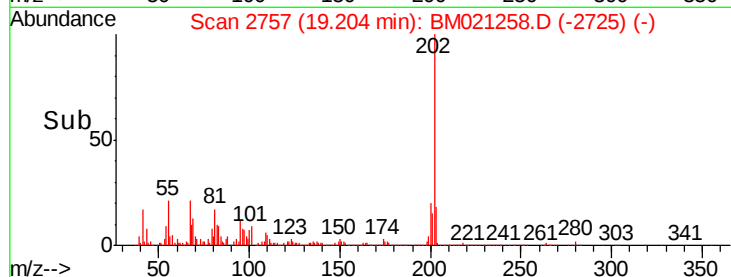
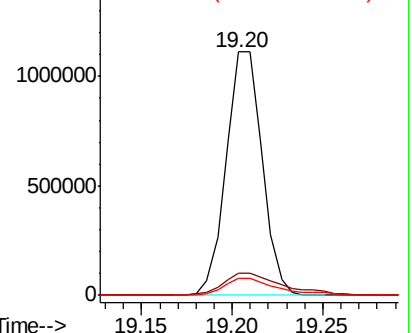
100 7.1 5.5 8.3



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: 14.433 ng/ul

RT: 19.57 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

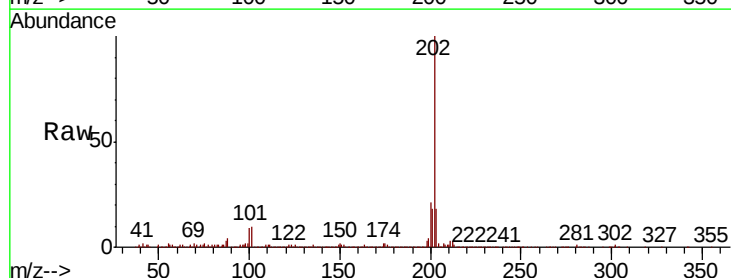
Tgt Ion:202 Resp: 1228019

Ion Ratio Lower Upper

202 100

101 10.5 8.1 12.1

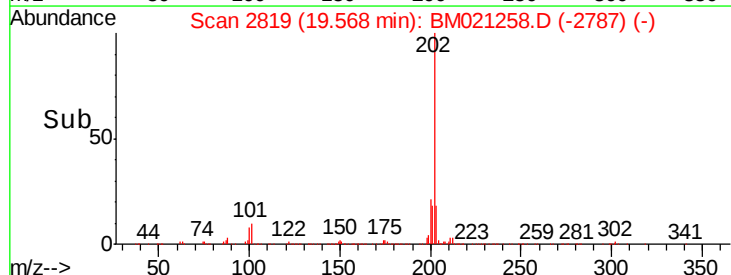
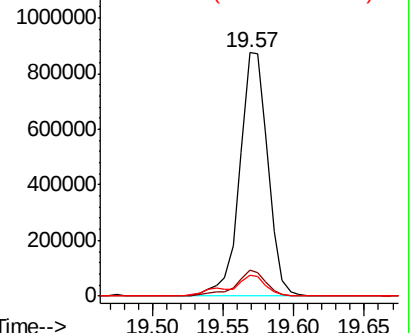
100 8.6 6.6 10.0

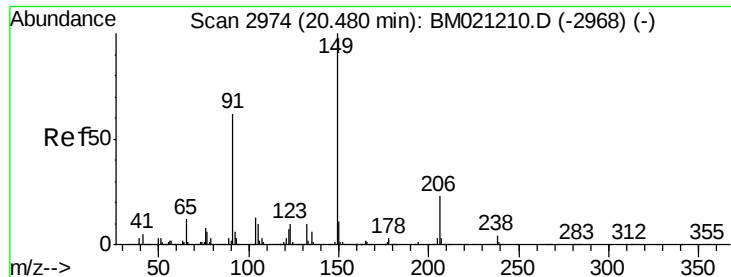


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

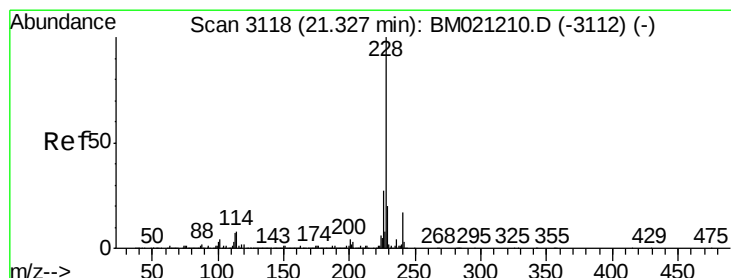
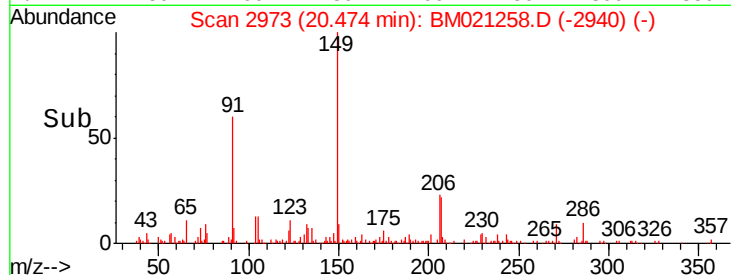
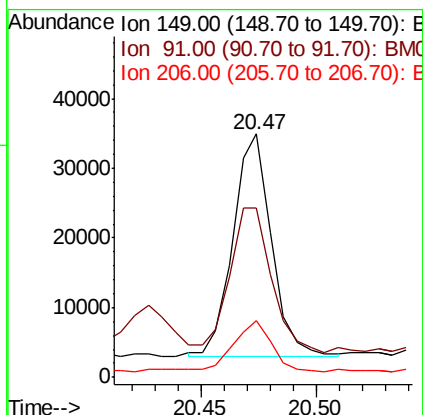
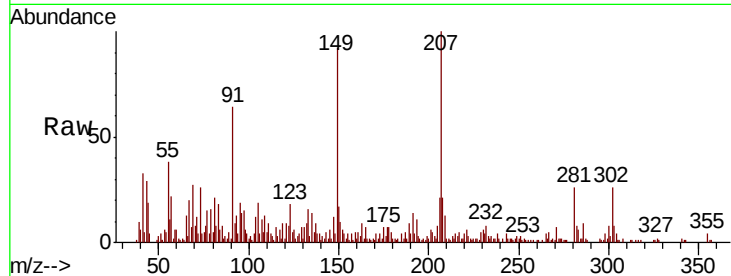




#80
Butylbenzylphthalate
Concen: 1.176 ng/ul
RT: 20.47 min Scan# 2973
Delta R.T. -0.01 min
Lab File: BM021258.D
Acq: 29 Jun 2019 12:49

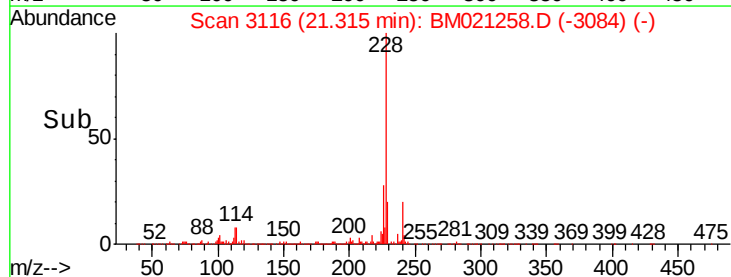
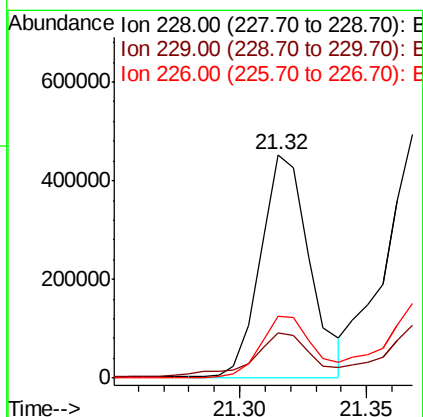
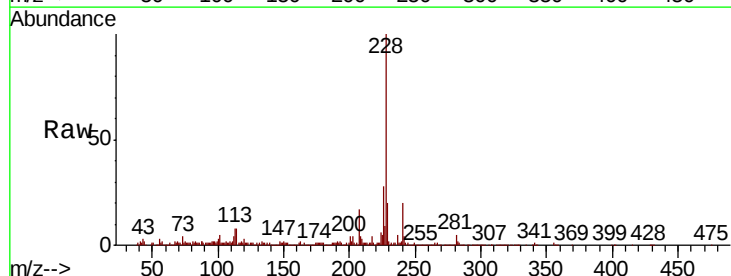
Instrument :
BNA_M
ClientSampleId :
C5BC2

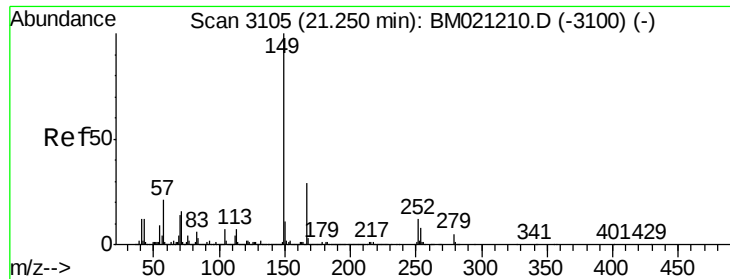
Tgt Ion:149 Resp: 37034
Ion Ratio Lower Upper
149 100
91 69.4 53.4 80.2
206 23.1 17.4 26.2



#82
Benzo(a)anthracene
Concen: 7.411 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM021258.D
Acq: 29 Jun 2019 12:49

Tgt Ion:228 Resp: 608071
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 27.9 21.4 32.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.507 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

Instrument :

BNA_M

ClientSampleId :

C5BC2

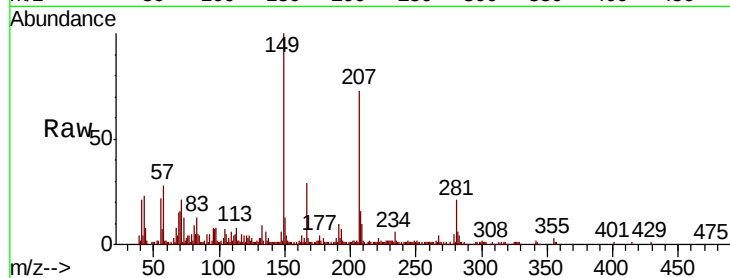
Tgt Ion:149 Resp: 112433

Ion Ratio Lower Upper

149 100

167 28.7 22.3 33.5

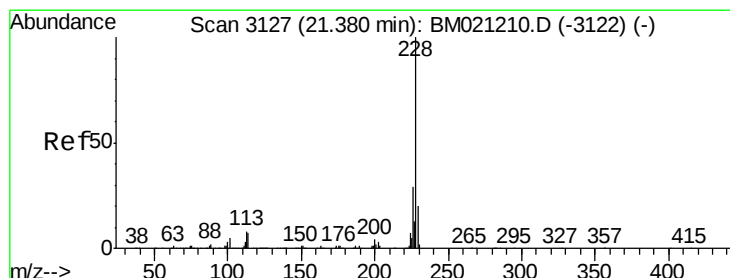
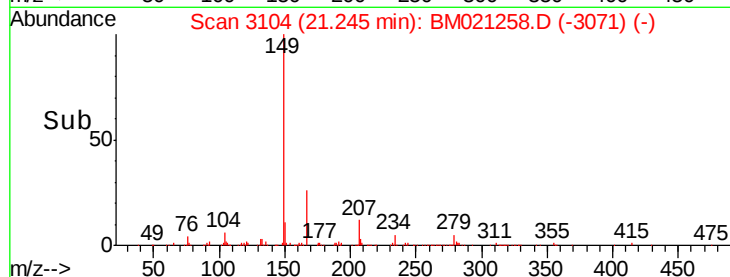
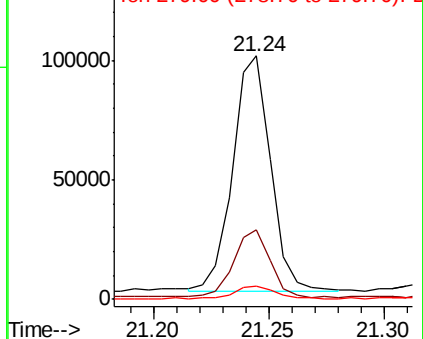
279 5.4 3.8 5.6



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: 9.331 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

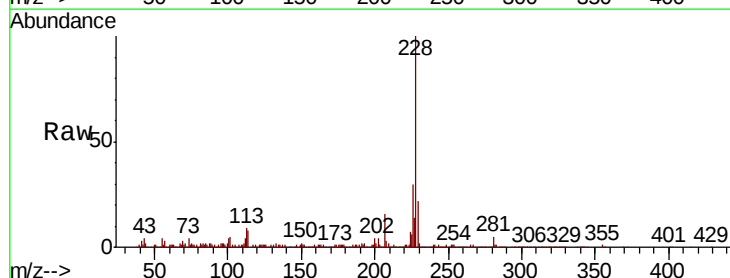
Tgt Ion:228 Resp: 717016

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

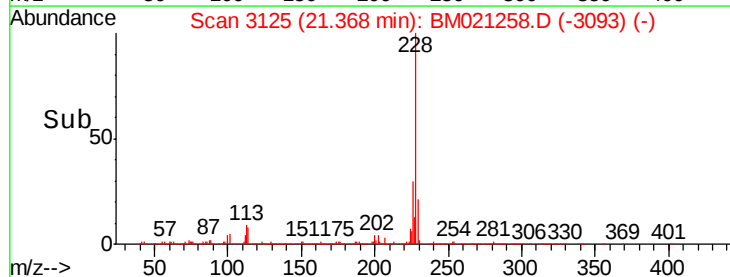
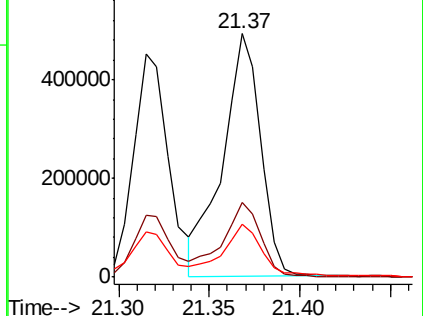
229 21.7 15.4 23.2

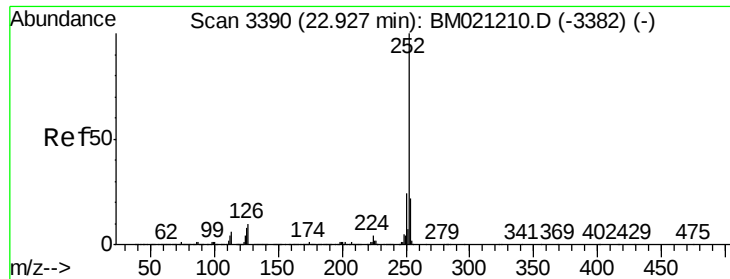


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 13.492 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

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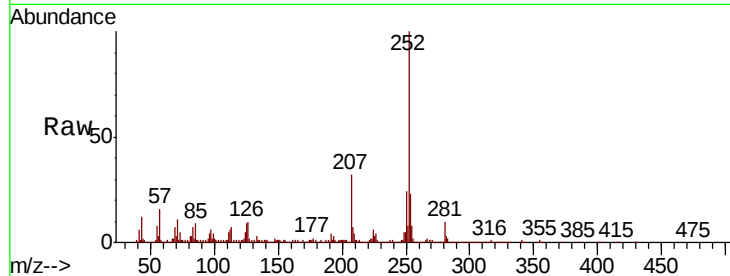
Tgt Ion:252 Resp: 1094560

Ion Ratio Lower Upper

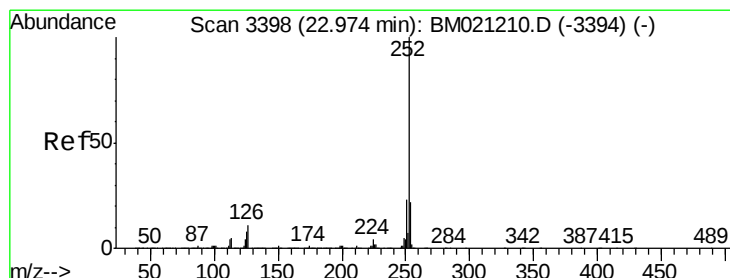
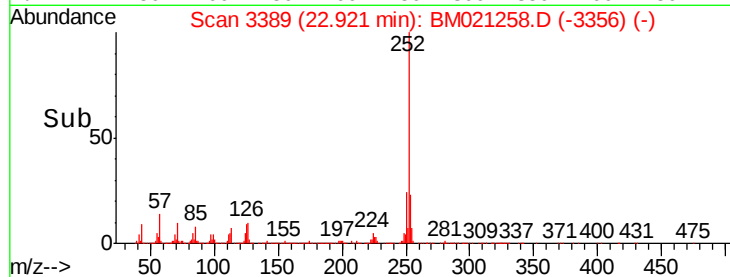
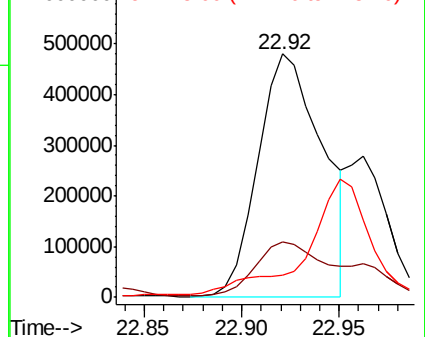
252 100

253 23.0 17.5 26.3

125 9.3 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: 14.025 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.05 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

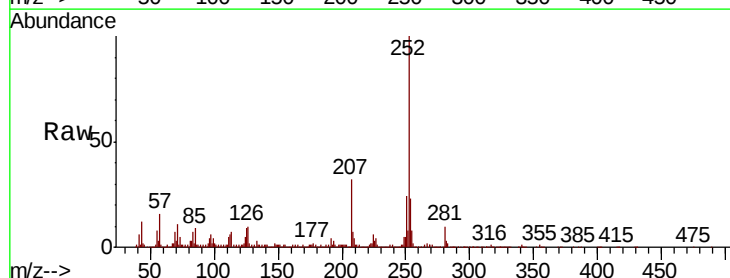
Tgt Ion:252 Resp: 1094560

Ion Ratio Lower Upper

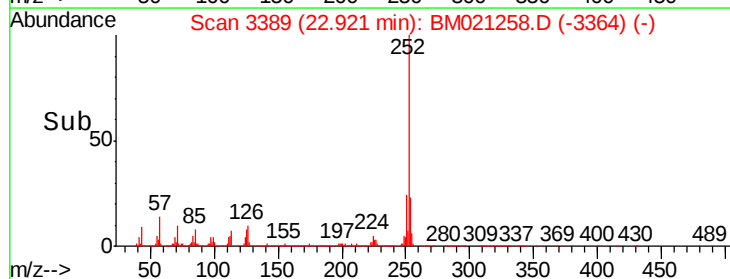
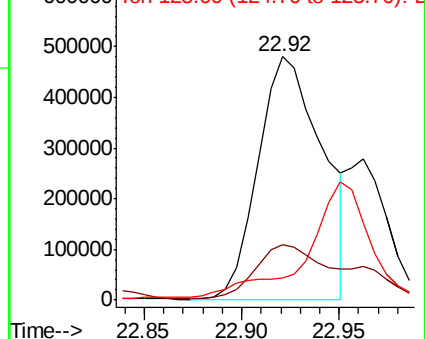
252 100

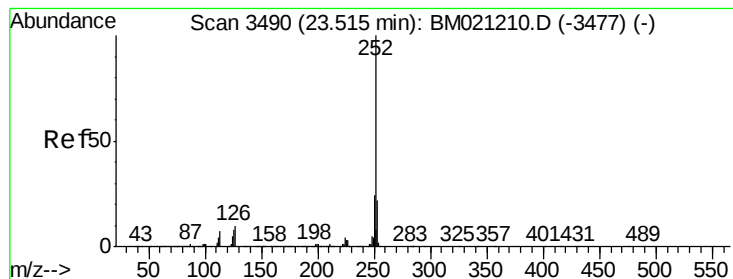
253 23.0 17.5 26.3

125 9.3 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: 8.290 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

Instrument :

BNA_M

ClientSampleId :

C5BC2

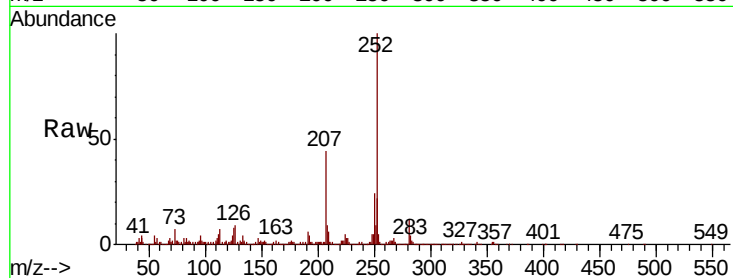
Tgt Ion:252 Resp: 633000

Ion Ratio Lower Upper

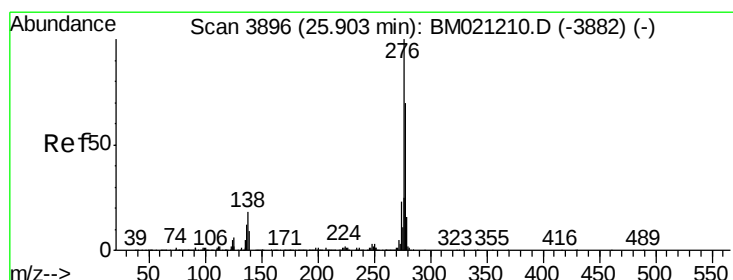
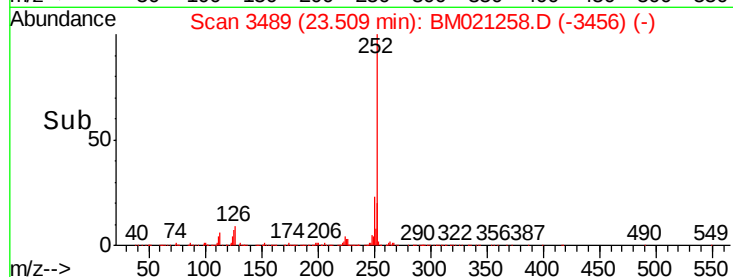
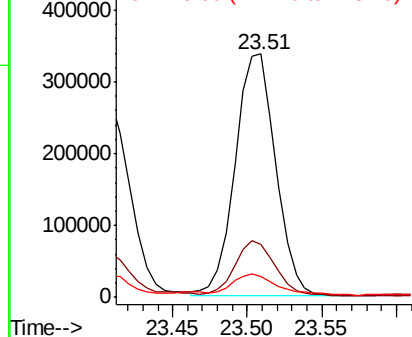
252 100

253 21.8 17.8 26.8

125 8.3 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: 6.178 ng/ul

RT: 25.89 min Scan# 3893

Delta R.T. -0.02 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

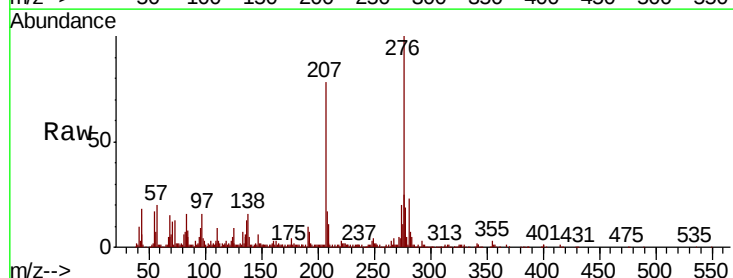
Tgt Ion:276 Resp: 555478

Ion Ratio Lower Upper

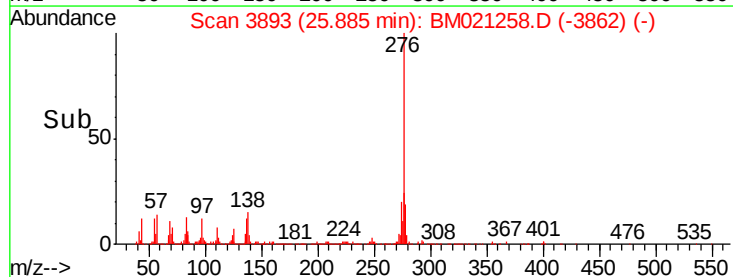
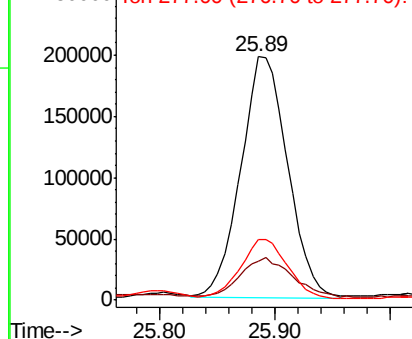
276 100

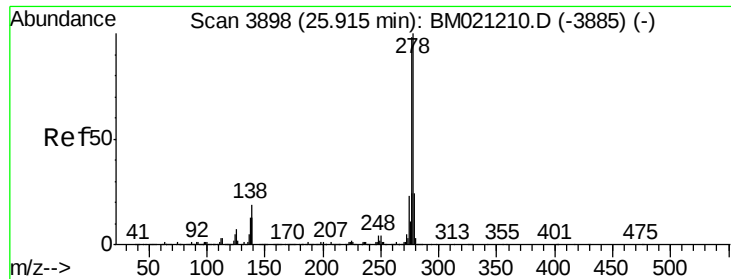
138 16.0 15.9 23.9

277 24.8 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: 1.793 ng/ul

RT: 25.90 min Scan# 3895

Delta R.T. -0.02 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

Instrument :

BNA_M

ClientSampleId :

C5BC2

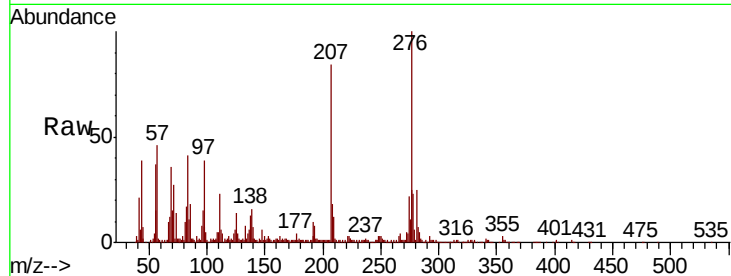
Tgt Ion:278 Resp: 135644

Ion Ratio Lower Upper

278 100

139 31.0 10.6 15.8#

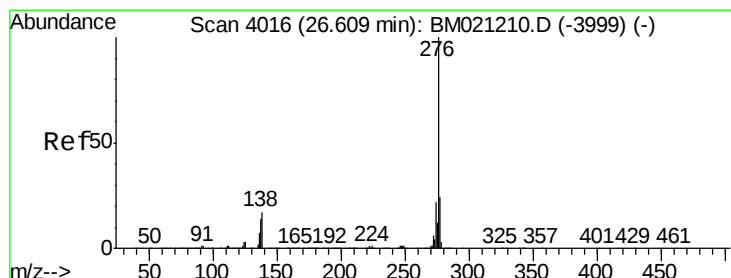
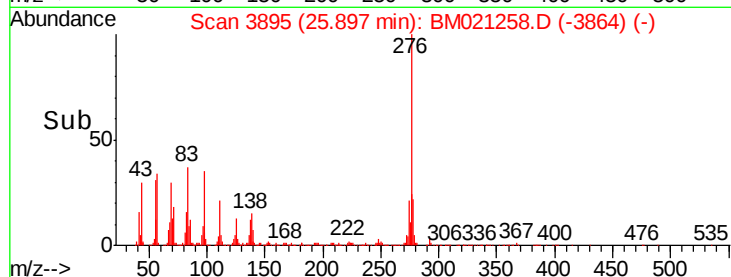
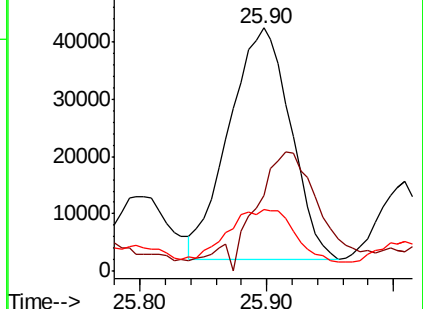
279 25.2 19.0 28.4



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: 6.393 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.01 min

Lab File: BM021258.D

Acq: 29 Jun 2019 12:49

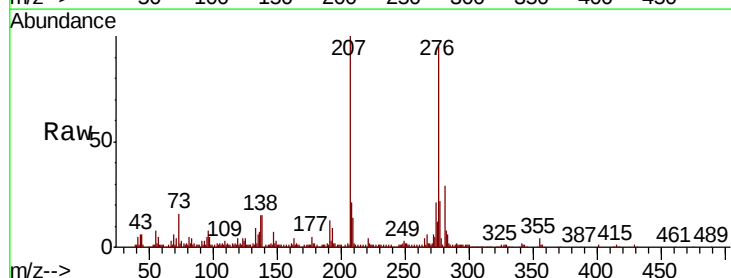
Tgt Ion:276 Resp: 473402

Ion Ratio Lower Upper

276 100

138 15.9 14.6 21.8

277 23.1 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

