

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021269.D
 Acq On : 29 Jun 2019 19:28
 Operator : HP/JU
 Sample : K3593-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C6BA8

Quant Time: Jun 29 22:21:40 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	286461	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1266240	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	798343	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1789907	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1235942	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1381495	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	21472	3.56	ng/uL	0.00
5) Phenol-d5	6.93	99	636920	25.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	372602	25.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	524215	25.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	571186	27.44	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	294563	28.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	352664	30.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	675352	29.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	358407	14.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	2114852	29.32	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2524970	28.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	284877	24.28	ng/ul	0.00
57) Fluorene-d10	15.40	176	1825560	29.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	227641	20.69	ng/ul	0.00
70) Anthracene-d10	17.25	188	2640124	28.38	ng/ul	0.00
78) Pyrene-d10	19.54	212	2455034	33.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2263482	27.77	ng/ul	0.00

Target Compounds

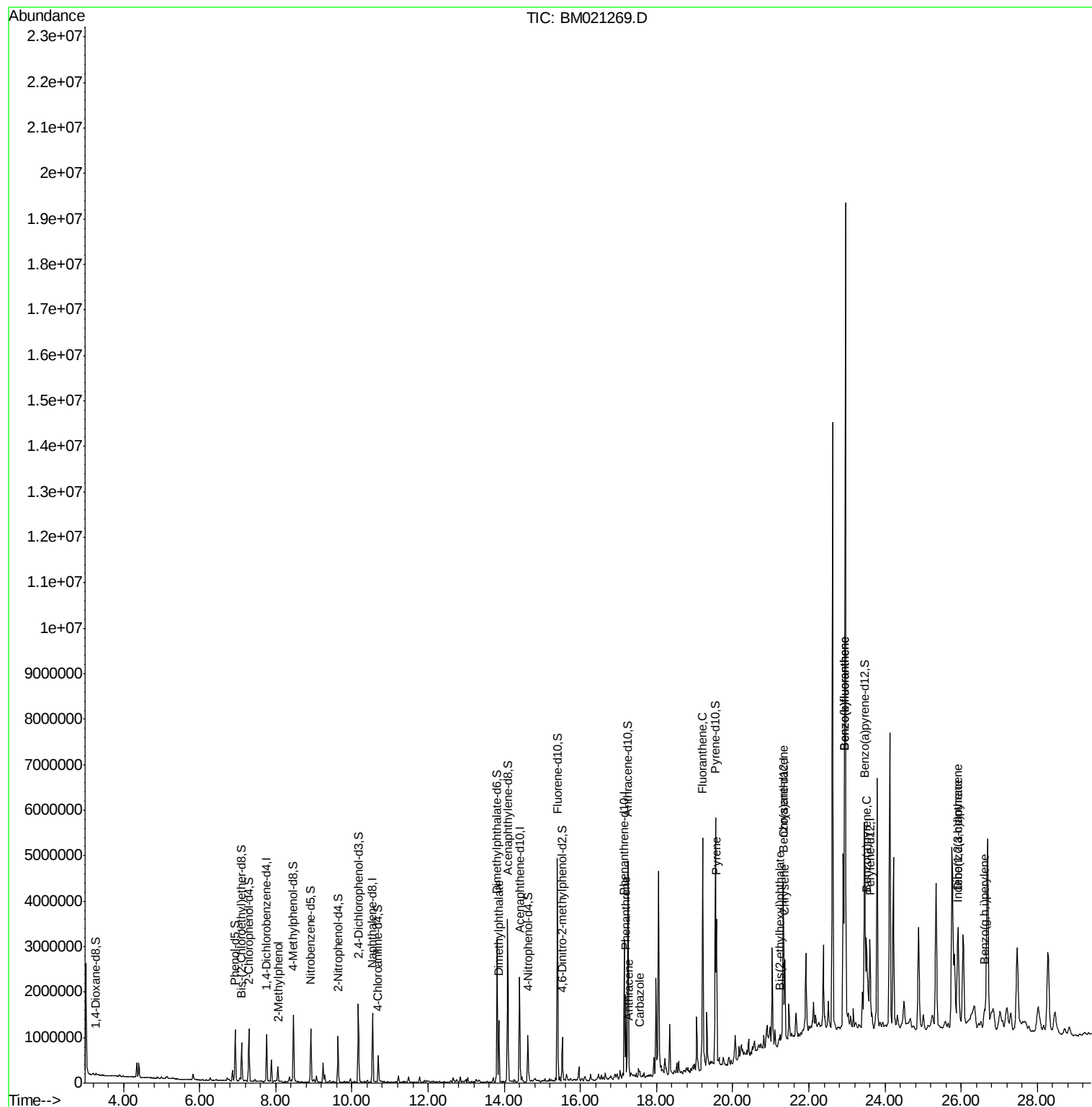
					Qvalue	
11) 2-Methylphenol	8.06	108	29402	1.611	ng/ul#	15
44) Dimethylphthalate	13.86	163	888988	13.538	ng/ul	99
69) Phenanthrene	17.19	178	1061720	10.725	ng/ul	99
71) Anthracene	17.28	178	146661	1.454	ng/ul	98
74) Carbazole	17.56	167	86844	1.045	ng/ul	99
76) Fluoranthene	19.21	202	2447564	22.883	ng/ul	99
79) Pyrene	19.57	202	1902636	21.775	ng/ul	100
82) Benzo(a)anthracene	21.32	228	882692	10.476	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	69979	1.520	ng/ul#	99
84) Chrysene	21.37	228	1002621	12.705	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	1399636	15.994	ng/ul#	96
88) Benzo(k)fluoranthene	22.93	252	1399636	16.625	ng/ul#	96
90) Benzo(a)pyrene	23.51	252	858916	10.428	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.90	276	705377	7.273	ng/ul	96
92) Dibenzo(a,h)anthracene	25.90	278	178952	2.193	ng/ul#	82
93) Benzo(g,h,i)perylene	26.61	276	572487	7.167	ng/ul	98

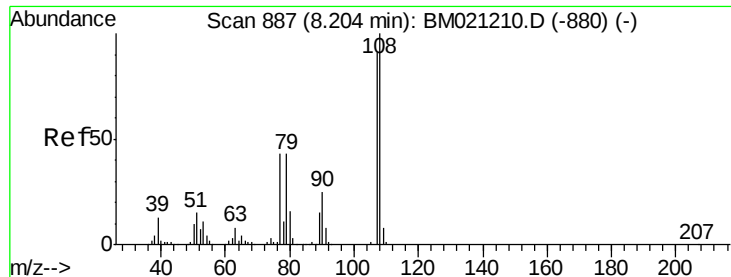
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 1.611 ng/ul

RT: 8.06 min Scan# 862

Delta R.T. -0.15 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

Instrument :

BNA_M

ClientSampleId :

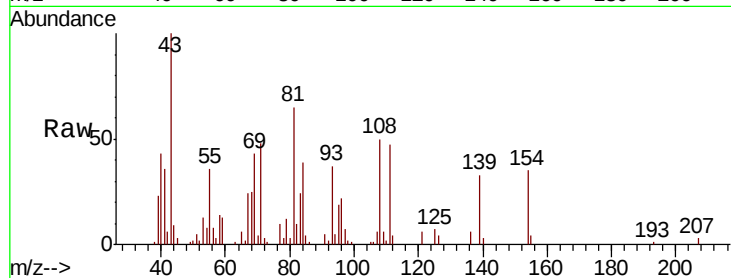
C6BA8

Tgt Ion:108 Resp: 29402

Ion Ratio Lower Upper

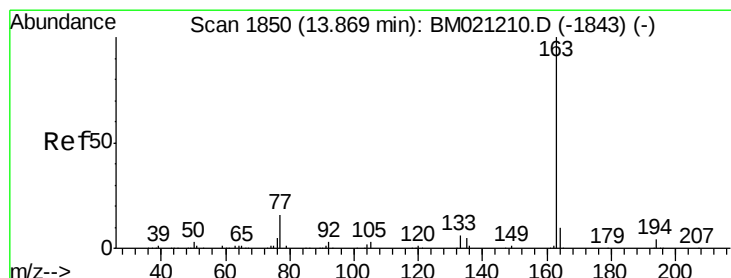
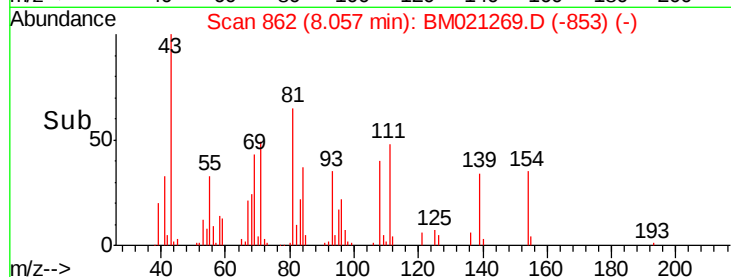
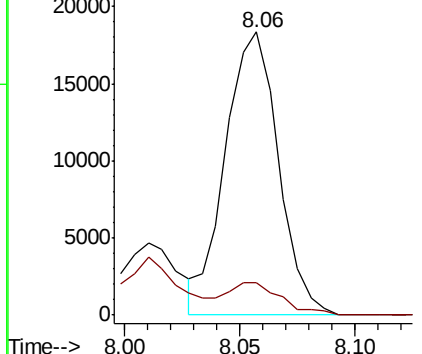
108 100

107 11.4 74.6 111.8#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#44

Dimethylphthalate

Concen: 13.538 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

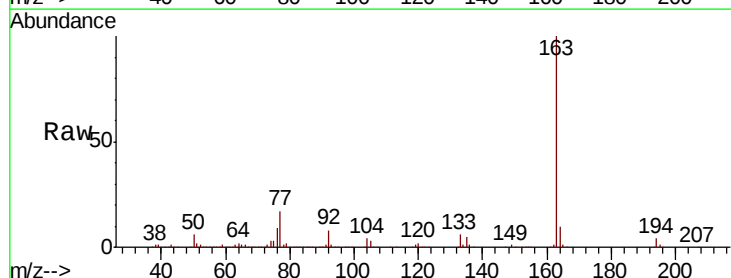
Tgt Ion:163 Resp: 888988

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

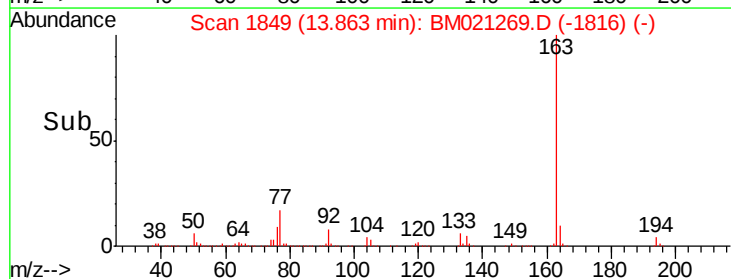
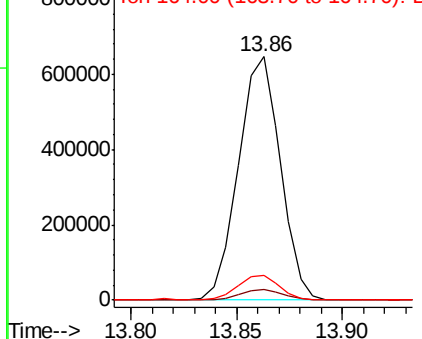
164 10.0 7.7 11.5

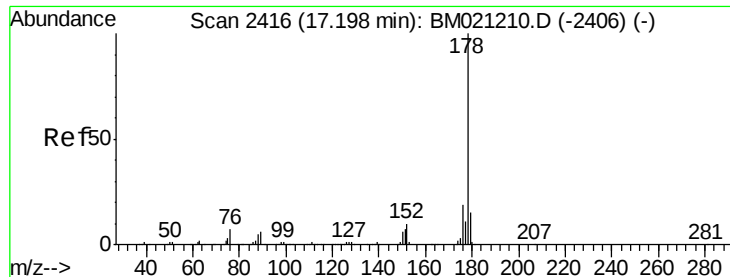


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 10.725 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

Instrument :

BNA_M

ClientSampleId :

C6BA8

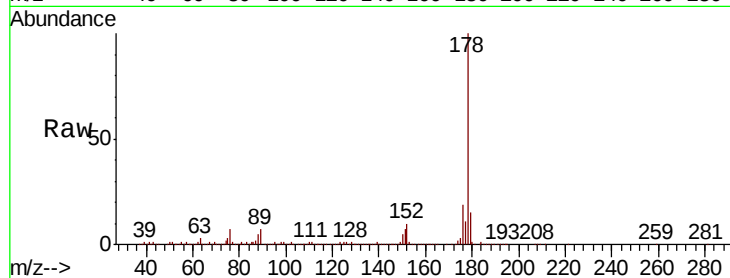
Tgt Ion:178 Resp: 1061720

Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.8

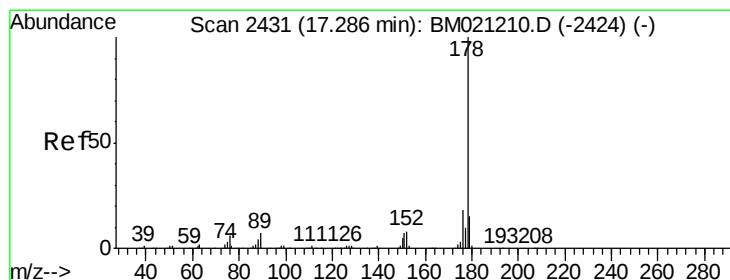
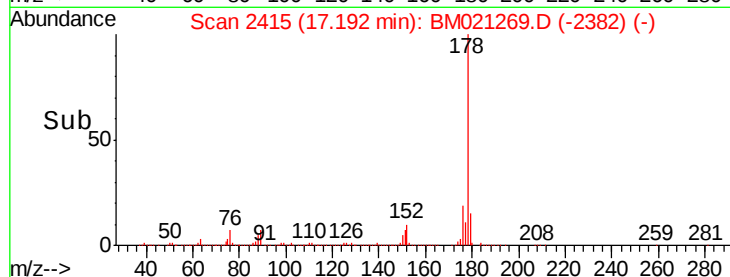
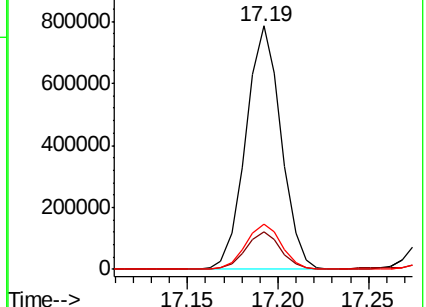
176 18.7 15.0 22.6



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



#71

Anthracene

Concen: 1.454 ng/ul

RT: 17.28 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

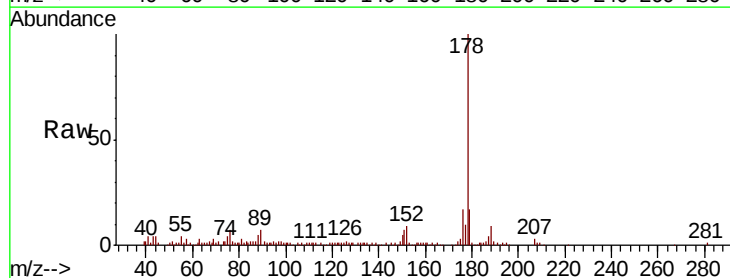
Tgt Ion:178 Resp: 146661

Ion Ratio Lower Upper

178 100

179 16.9 12.5 18.7

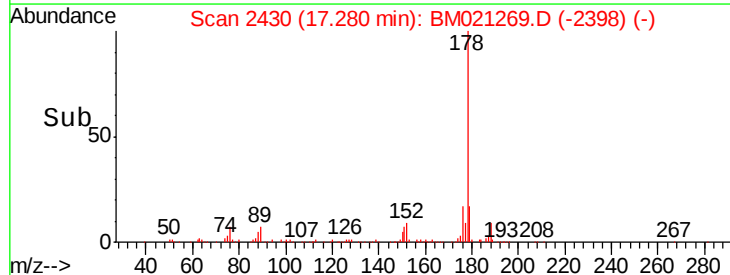
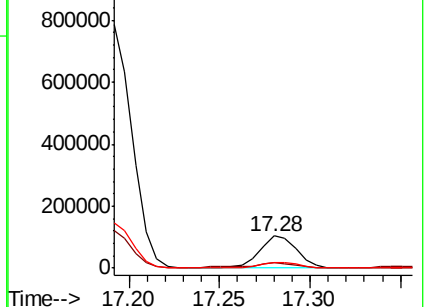
176 17.5 14.6 21.8

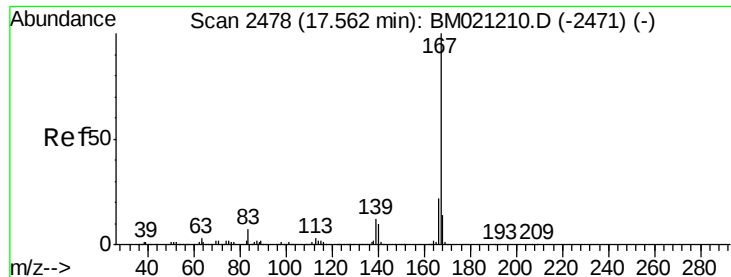


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 1.045 ng/ul

RT: 17.56 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

Instrument :

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C6BA8

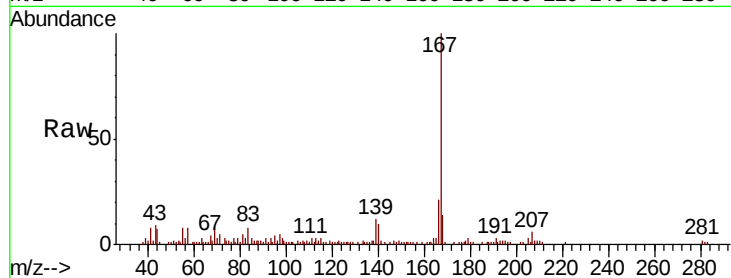
Tgt Ion:167 Resp: 86844

Ion Ratio Lower Upper

167 100

166 20.9 17.4 26.2

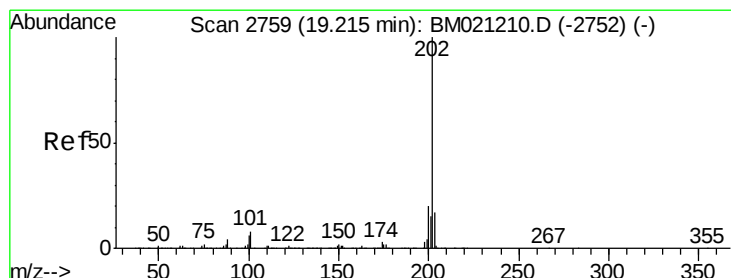
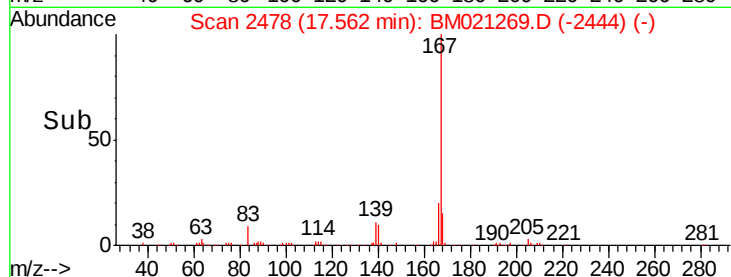
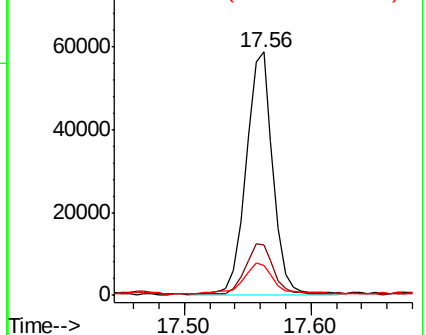
139 12.4 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Fluoranthene

Concen: 22.883 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

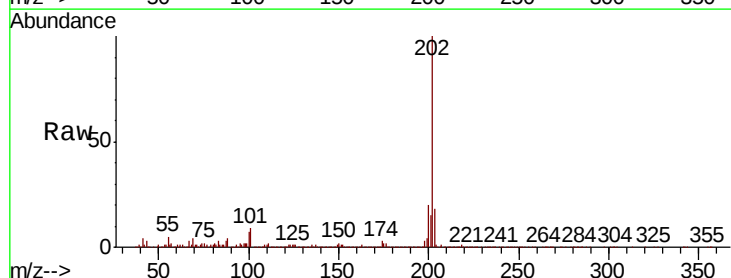
Tgt Ion:202 Resp: 2447564

Ion Ratio Lower Upper

202 100

101 8.6 6.7 10.1

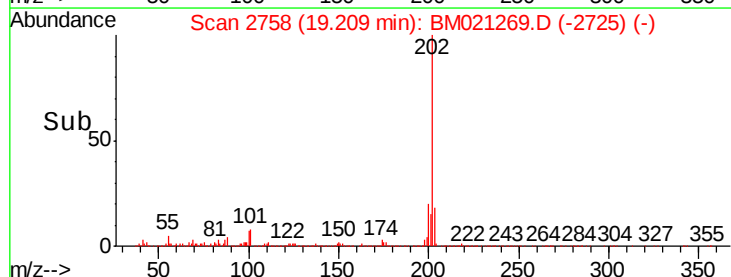
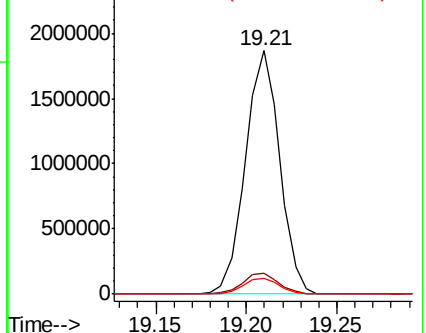
100 6.6 5.5 8.3

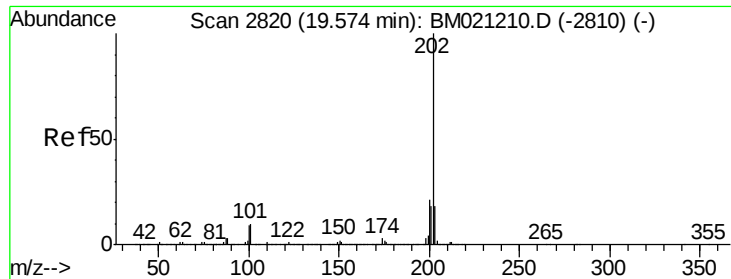


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

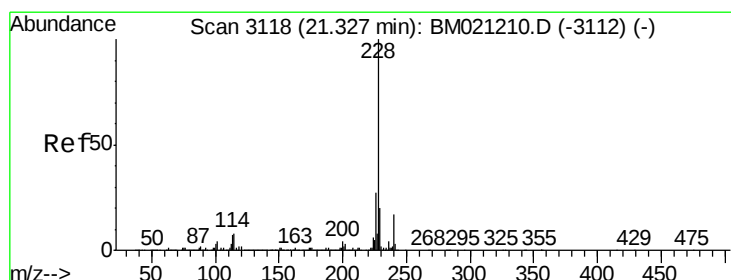
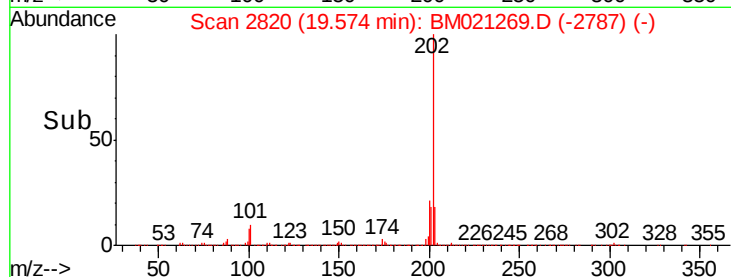
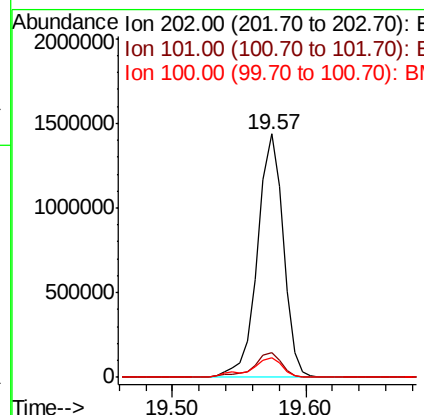
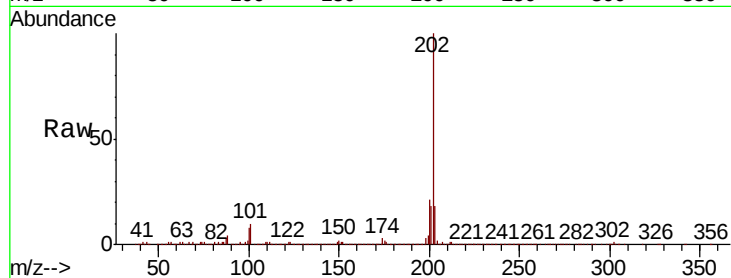




#79
 Pyrene
 Concen: 21.775 ng/ul
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BM021269.D
 Acq: 29 Jun 2019 19:28

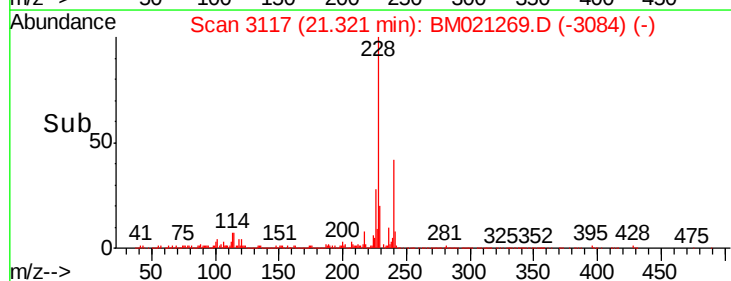
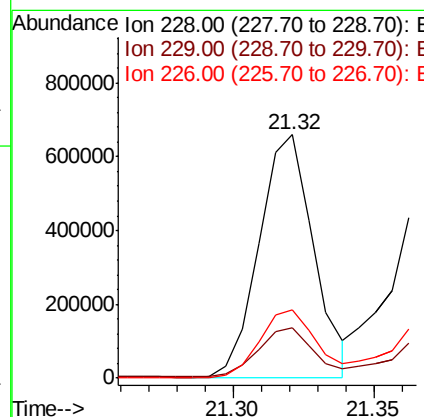
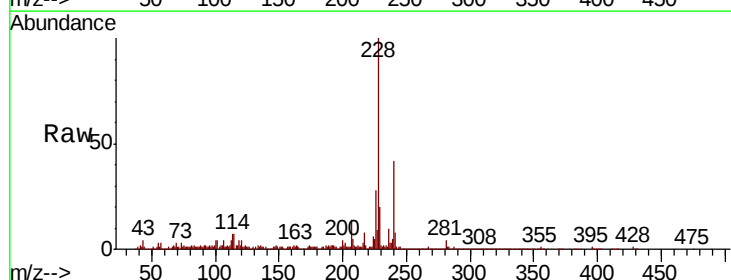
Instrument :
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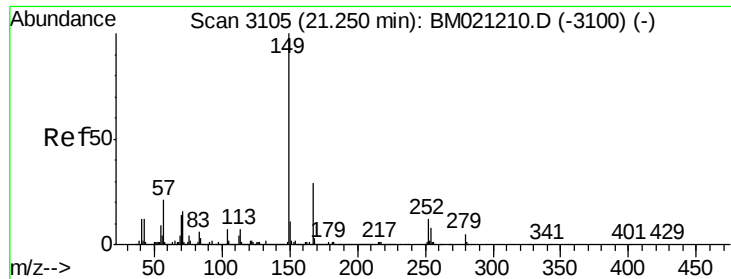
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.1	12.1
100	8.3	6.6	10.0



#82
 Benzo(a)anthracene
 Concen: 10.476 ng/ul
 RT: 21.32 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM021269.D
 Acq: 29 Jun 2019 19:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	27.8	21.4	32.2

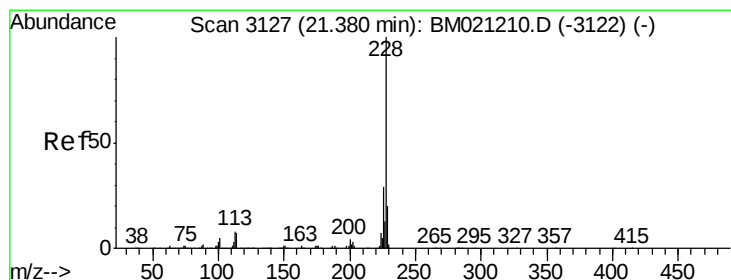
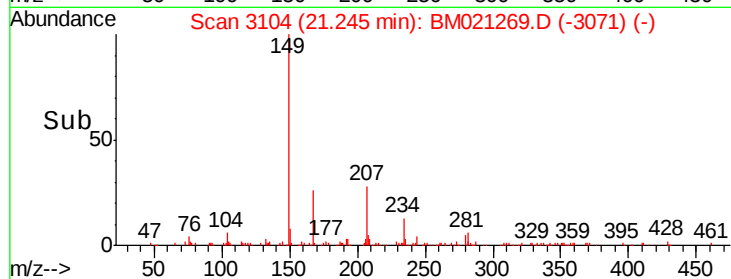
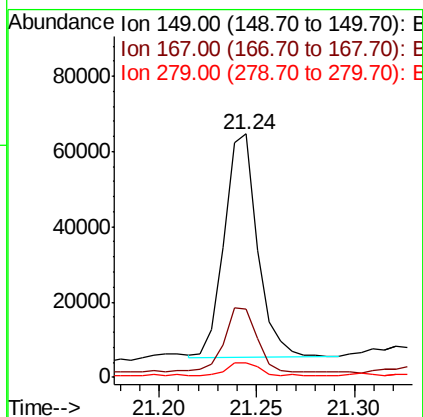
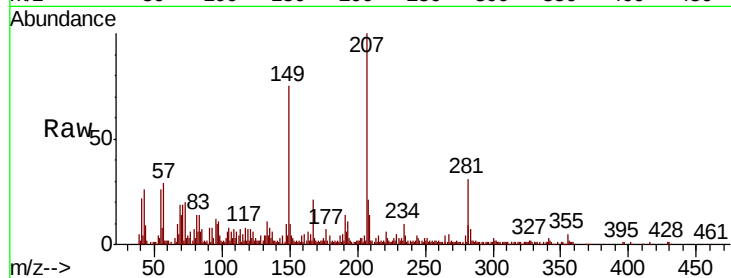




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.520 ng/ul
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BM021269.D
 Acq: 29 Jun 2019 19:28

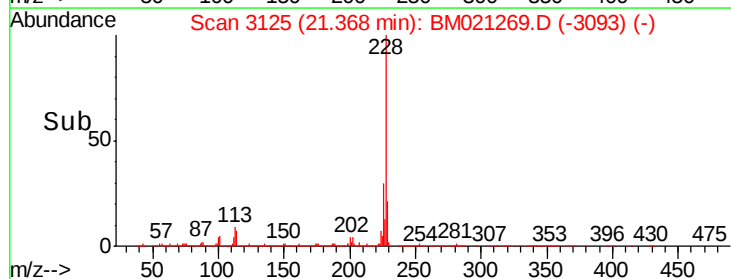
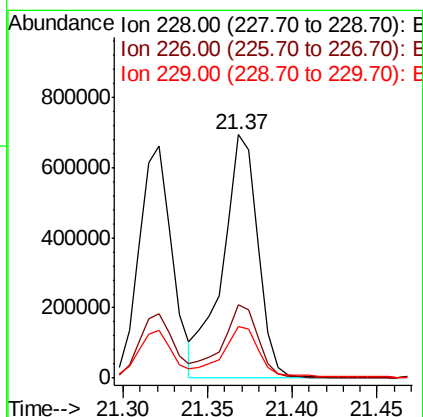
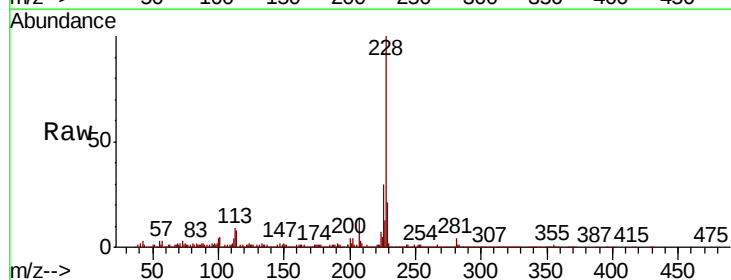
Instrument :
 BNA_M
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 C6BA8

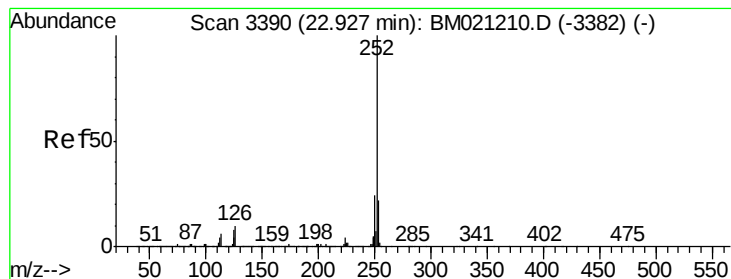
Tgt Ion:149 Resp: 69979
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.3 33.5
 279 5.7 3.8 5.6#



#84
 Chrysene
 Concen: 12.705 ng/ul
 RT: 21.37 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM021269.D
 Acq: 29 Jun 2019 19:28

Tgt Ion:228 Resp: 1002621
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.9 35.9
 229 21.0 15.4 23.2





#87

Benzo(b)fluoranthene

Concen: 15.994 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.00 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

Instrument :

BNA_M

ClientSampleId :

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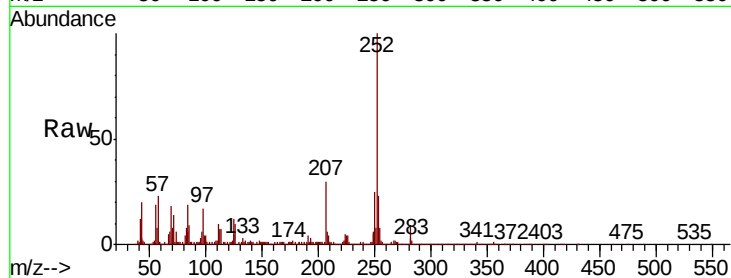
Tgt Ion:252 Resp: 1399636

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 12.1 6.3 9.5#

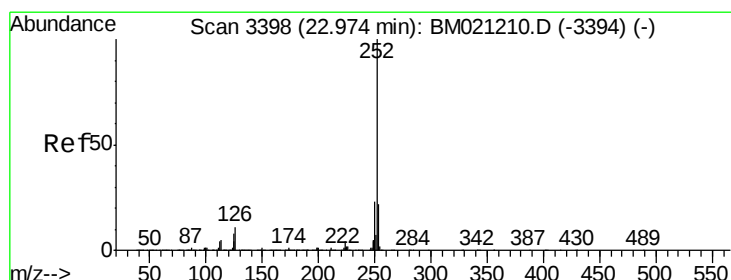
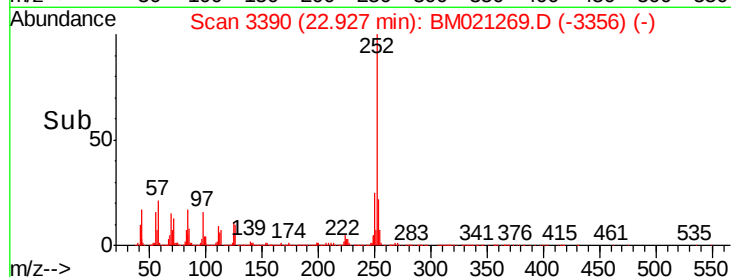
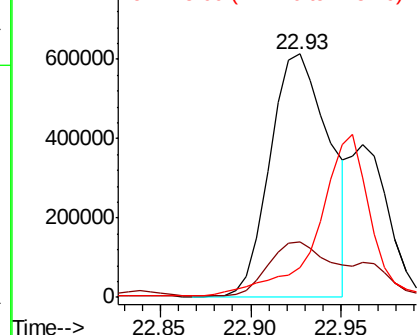


Abundance

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: 16.625 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.05 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

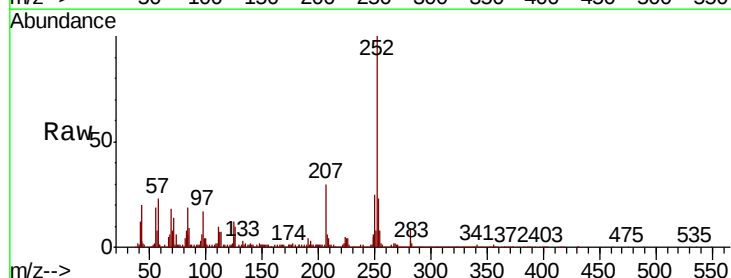
Tgt Ion:252 Resp: 1399636

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 12.1 6.6 9.8#

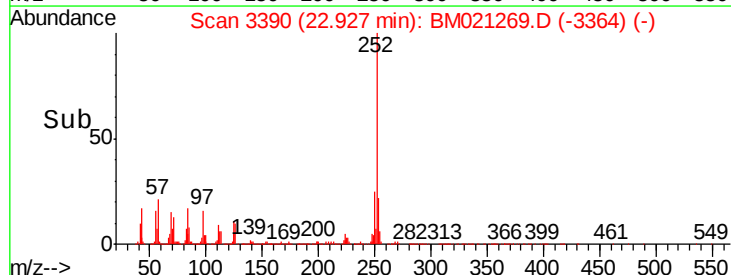
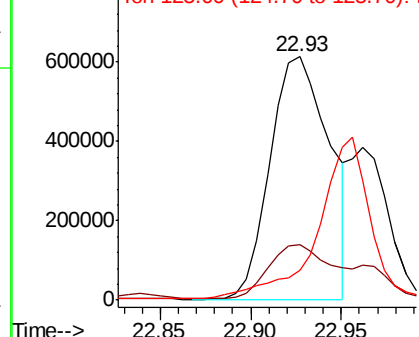


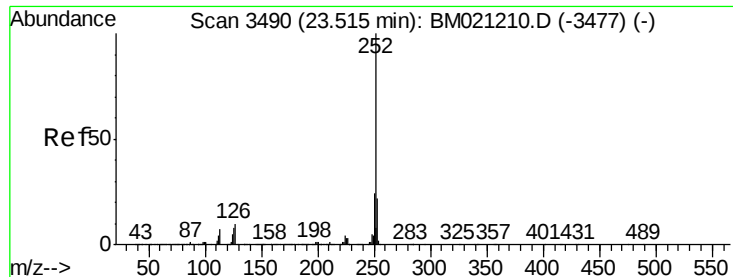
Abundance

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: 10.428 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

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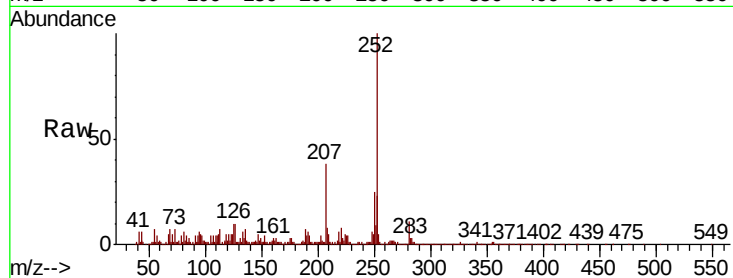
Tgt Ion:252 Resp: 858916

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

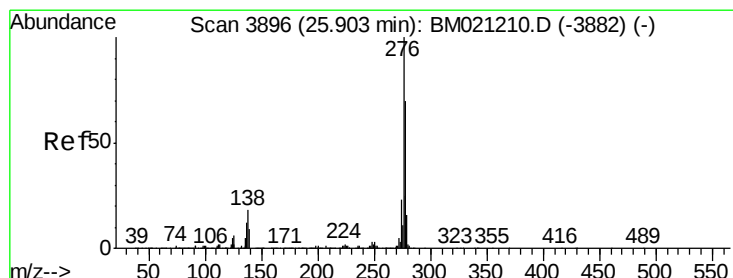
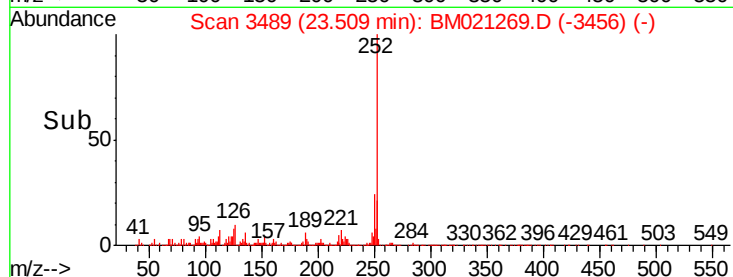
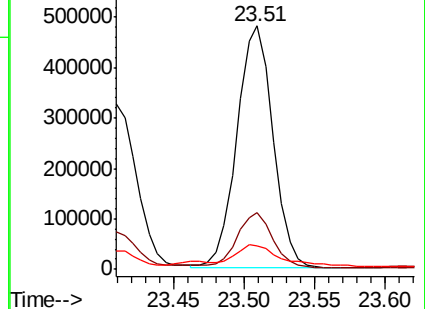
125 9.5 7.2 10.8



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: 7.273 ng/ul

RT: 25.90 min Scan# 3895

Delta R.T. -0.01 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

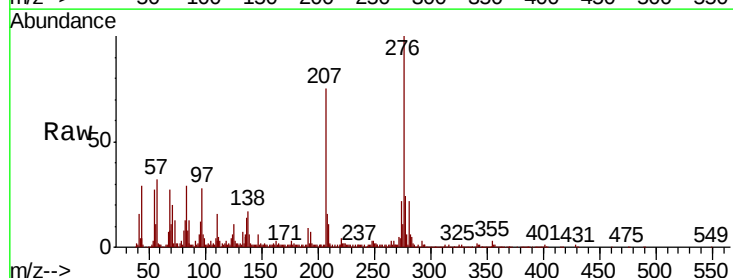
Tgt Ion:276 Resp: 705377

Ion Ratio Lower Upper

276 100

138 16.8 15.9 23.9

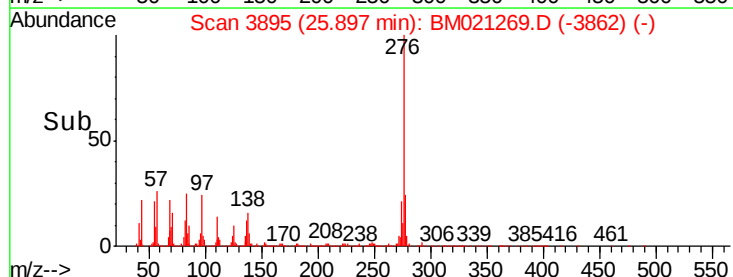
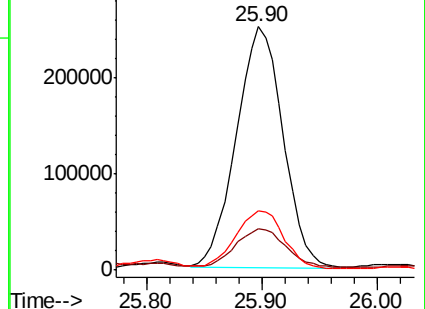
277 24.5 20.4 30.6

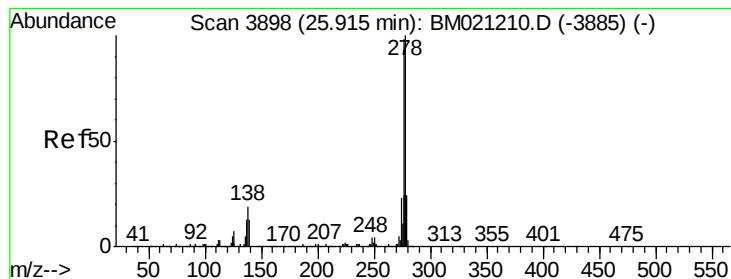


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 2.193 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. -0.01 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

Instrument :

BNA_M

ClientSampleId :

C6BA8

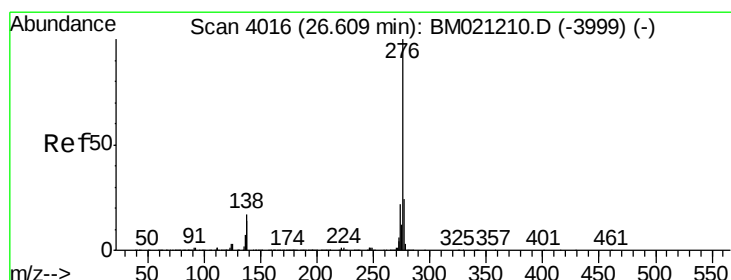
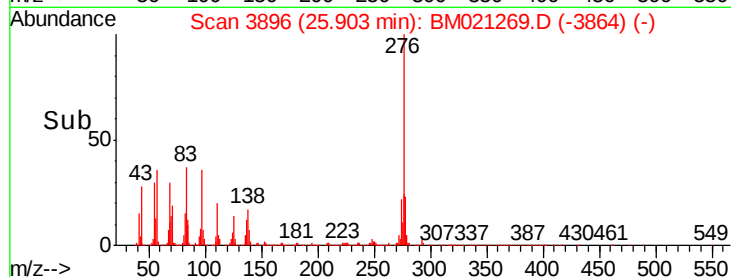
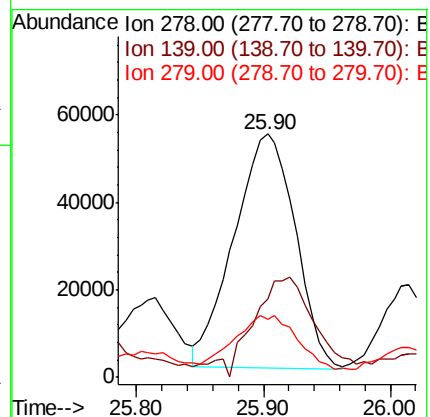
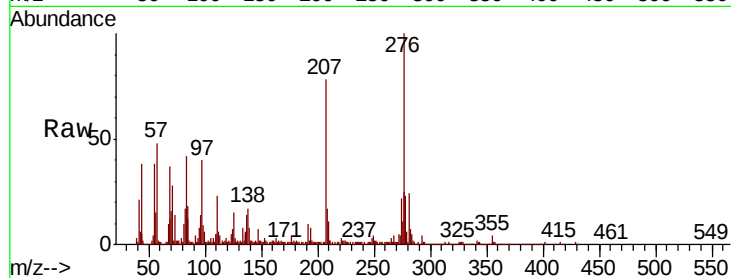
Tgt Ion:278 Resp: 178952

Ion Ratio Lower Upper

278 100

139 32.5 10.6 15.8#

279 24.1 19.0 28.4



#93

Benzo(g,h,i)perylene

Concen: 7.167 ng/ul

RT: 26.61 min Scan# 4016

Delta R.T. -0.00 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

Tgt Ion:276 Resp: 572487

Ion Ratio Lower Upper

276 100

138 16.9 14.6 21.8

277 23.8 18.9 28.3

